DEC.2013

EM ZR SERIES

PARTS LIST

12862 EM3510ZRB(EU_EXP_DOM)

From Serial No. 35105002 and after

Ver. 1.0

DEC.2013

EM ZR SERIES

PARTS LIST

EM3510ZRB(EU_EXP_DOM) Vol.1

From Serial No. 35105002 and after

Ver. 1.0

GENERAL INFORMATION

* Specifications are subject to change without notice.

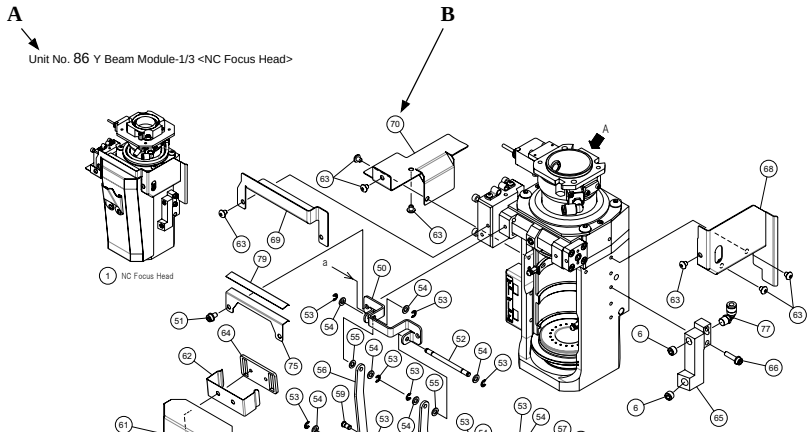
* This parts list shows all of the parts used in your machine.
  Please file this parts list for reference and refer to it when you order parts or maintain the machine.

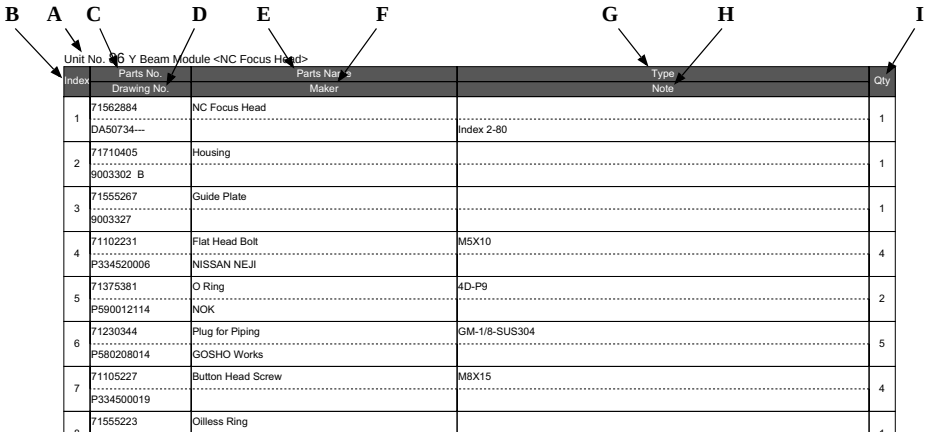
* This edition has been divided into sections.
  Please refer to MACHINE COMPONENT.

* The scale used on each page of drawings is different.
  Please be aware that parts may seem to be different sizes on different pages.

INTRODUCTION

1. MAIN TEXT





Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	71562884	NC Focus Head		1
	DA50734---		Index 2-80	
2	71710405	Housing		1
	9003302 B			
3	71555267	Guide Plate		1
	9003327			
4	71102231	Flat Head Bolt	M5X10	4
	P334520006	NISSAN NEJI		
5	71375381	O Ring	4D-P9	2
	P590012114	NOK		
6	71230344	Plug for Piping	GM-1/8-SUS304	5
	P580208014	GOSHO Works		
7	71105227	Button Head Screw	M8X15	4
	P334500019			
8	71555223	Oilless Ring		1

A Unit No. and Name
The Unit No. and Name are shown on relevant pages.

B Index
The index No. for each part in a drawing is shown and corresponds to the list of parts for that drawing.

C Parts No.
The individual Code No. for each part on the models is shown.

D Drawing No.
The numbers of drawings relevant to the part are given.

E Parts Name
The name (description) of each part.

F Maker
The manufacturer of each marketed item is shown.

G Type
The type description of each marketed item are shown.

H Note
Cautions and notes necessary to the ordering each part.

I Qty
The quantity of each part used on the models is shown.

ORDER INSTRUCTIONS

1. Confirm whether the model name and No. on the serial plate of the machine correspond to the numbers of the machines for which the parts list is effective.

2. Use the drawing in the MACHINE COMPONENT to find the unit on which the part in question is shown in greater detail.

3. Spread out the referred pages.

4. Use the drawings and corresponding lists to confirm the specs, etc. of the part in question.

5. When ordering, please supply the following information:
   (1)Machine Model
   (2)Serial No.
   (3)Code
   (4)Quantity

UNIT LIST

Frame TSU

Cover BF

Cover BF EX

Cover BF EU

Drive

Turret AI(36ST-2AI)E

Turret AI(32ST-4AI)E

Turret AI(32ST-4AI)D-1/2"AI

Turret AI(32ST-4AI)E-1/2"AI(2"X2)

Turret
AI(32ST-4AI)E-1/2"AI(1-1/4"X2)

Turret AI(40ST-2AI)D-1/2"AI

Upper and Lower Die

T-axis

Slide

Y-axis

Loading Workclamp

C/P Workclamp

Brush Table

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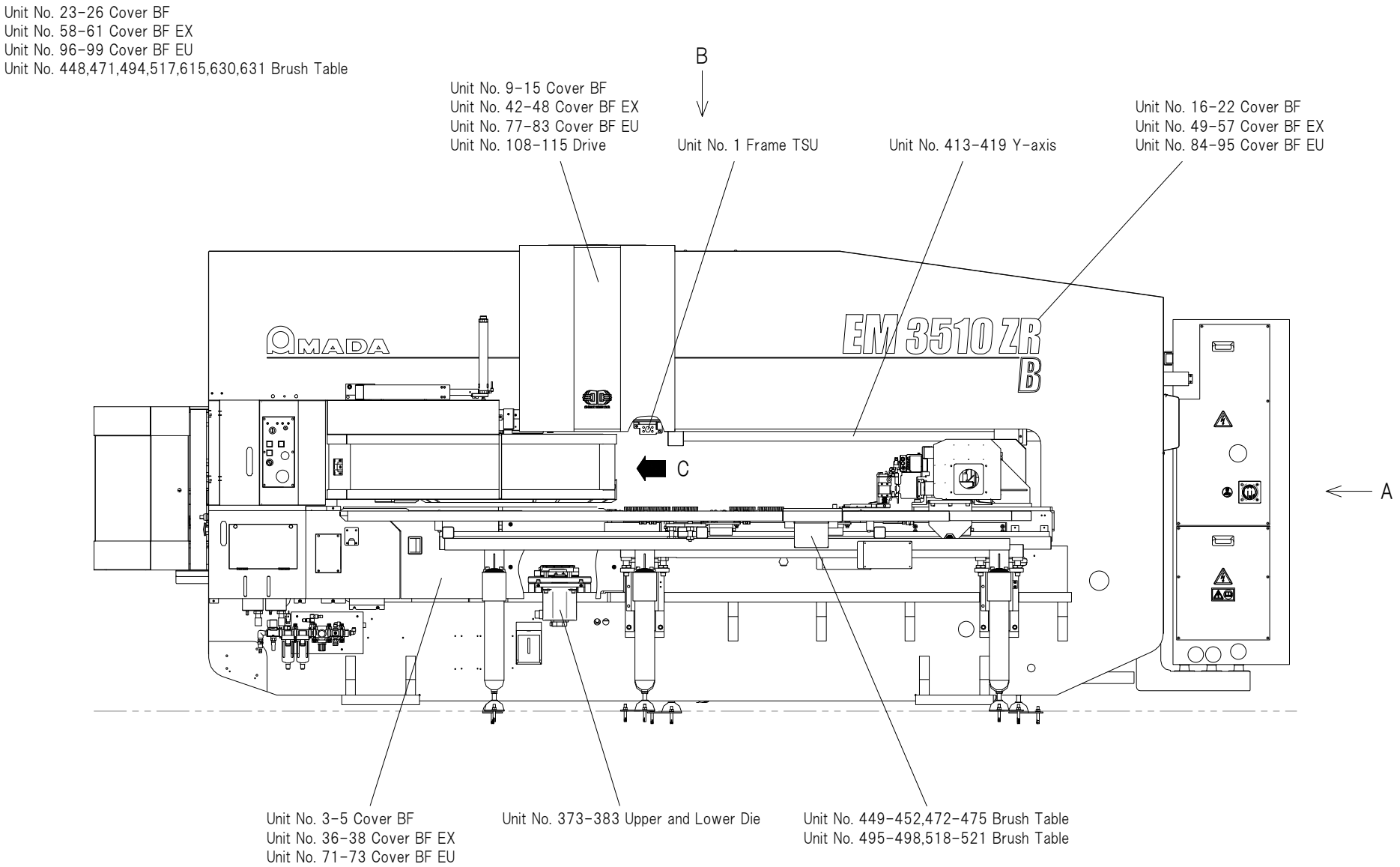
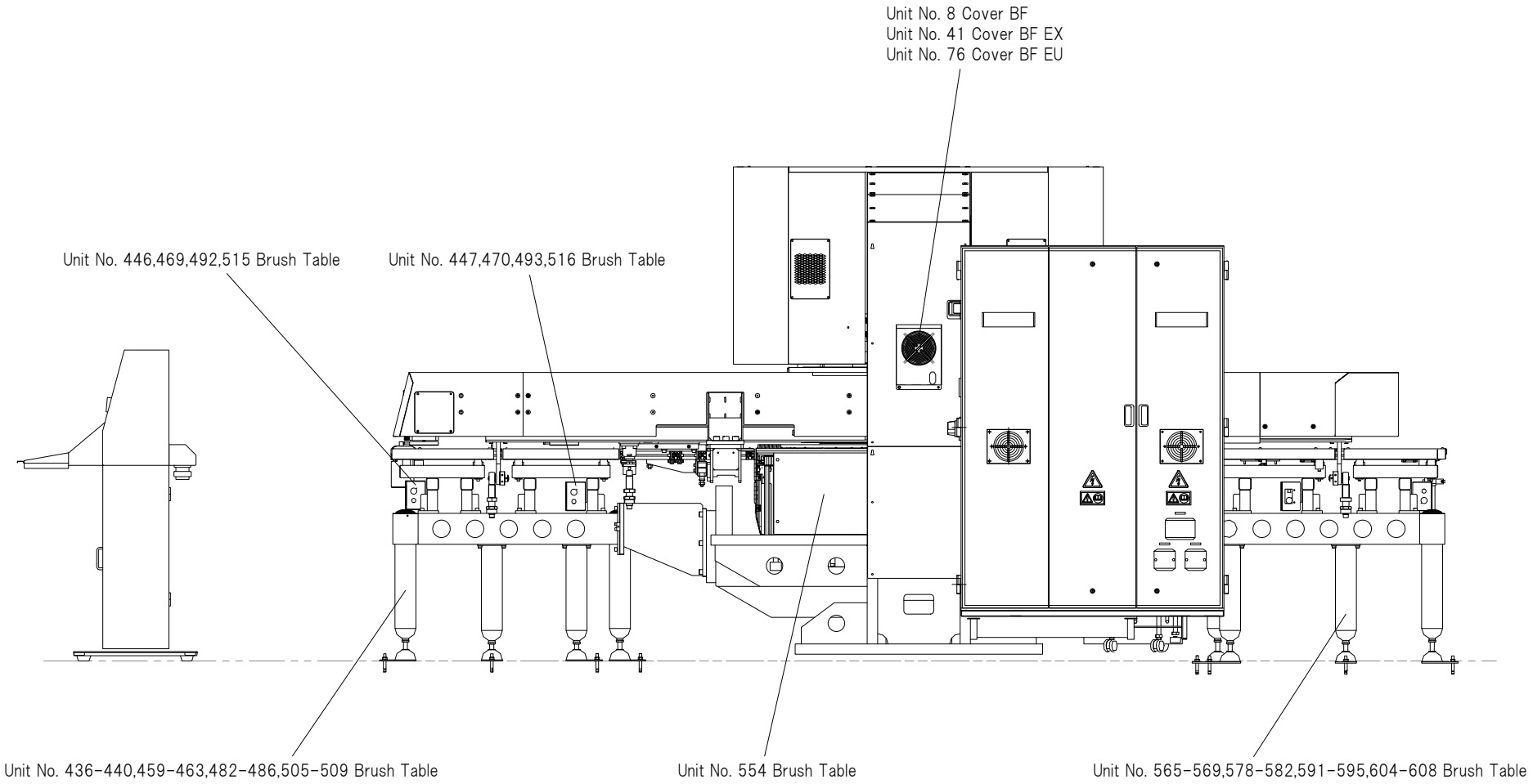
MACHINE COMPONENT(1)

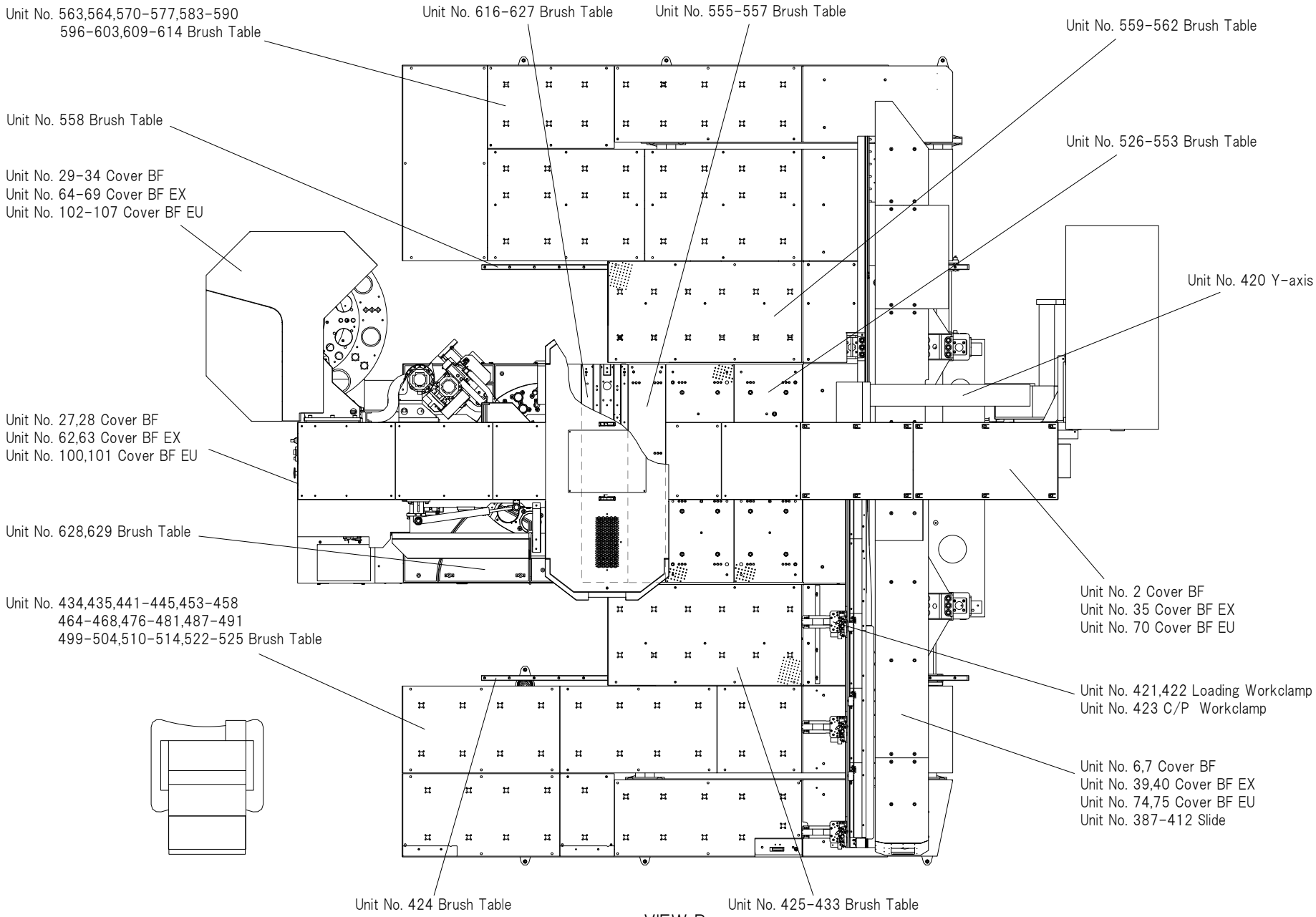


MACHINE COMPONENT(2)



VIEW A

MACHINE COMPONENT(3)



VIEW B

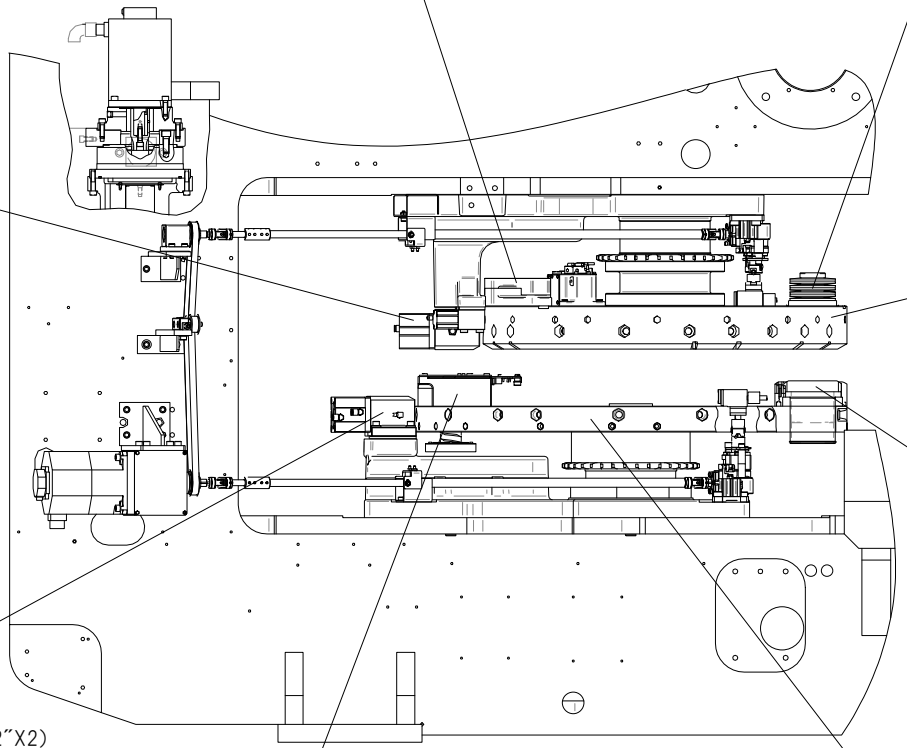
MACHINE COMPONENT(4)

Unit No. 130,152,153 Turret AI(36ST-2AI)E
Unit No. 191-194 Turret AI(32ST-4AI)E
Unit No. 235-239 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 281-285 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 327-331 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 345,370-372 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 138-140 Turret AI(36ST-2AI)E
Unit No. 175-177 Turret AI(32ST-4AI)E
Unit No. 215-217 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 261-263 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 307-309 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 352-354 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 127 Turret AI(36ST-2AI)E
Unit No. 164 Turret AI(32ST-4AI)E
Unit No. 205 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 250 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 296 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 342 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 128,129 Turret AI(36ST-2AI)E
Unit No. 165,166 Turret AI(32ST-4AI)E
Unit No. 206,207 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 251,252
Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 297,298
Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 343,344 Turret AI(40ST-2AI)D-1/2"AI



Unit No. 126 Turret AI(36ST-2AI)E
Unit No. 163 Turret AI(32ST-4AI)E
Unit No. 204 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 249 Turret AI(32ST-4AI)E-1/2"AI (2"X2)
Unit No. 295 Turret AI(32ST-4AI)E-1/2"AI (1-1/4"X2)
Unit No. 341 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 131-137 Turret AI(36ST-2AI)E
Unit No. 167-172 Turret AI(32ST-4AI)E
Unit No. 208-212 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 253-258 Turret AI(32ST-4AI)E-1/2"AI (2"X2)
Unit No. 299-304 Turret AI(32ST-4AI)E-1/2"AI (1-1/4"X2)
Unit No. 346-351 Turret AI(40ST-2AI)D-1/2"AI

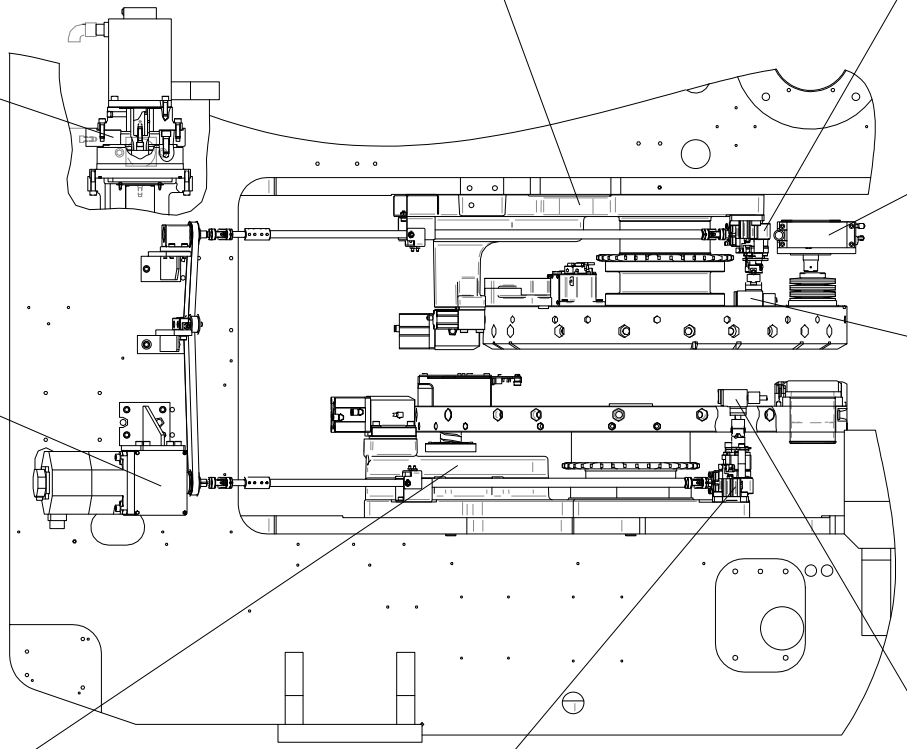
Unit No. 121,122 Turret AI(36ST-2AI)E
Unit No. 158,159 Turret AI(32ST-4AI)E
Unit No. 199,200 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 244,245 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 290,291 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 336,337 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 145-147 Turret AI(36ST-2AI)E
Unit No. 179-181,183-185 Turret AI(32ST-4AI)E
Unit No. 219-221,223-225,227-229 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 265-267,269-271,273-275 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 311-313,315-317,319-321 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 359-361,363-365 Turret AI(40ST-2AI)D-1/2"AI

Unit No. 120 Turret AI(36ST-2AI)E
Unit No. 157 Turret AI(32ST-4AI)E
Unit No. 198 Turret AI(32ST-4AI)D-1/2"AI
Unit No. 243 Turret AI(32ST-4AI)E-1/2"AI(2"X2)
Unit No. 289 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)
Unit No. 335 Turret AI(40ST-2AI)D-1/2"AI

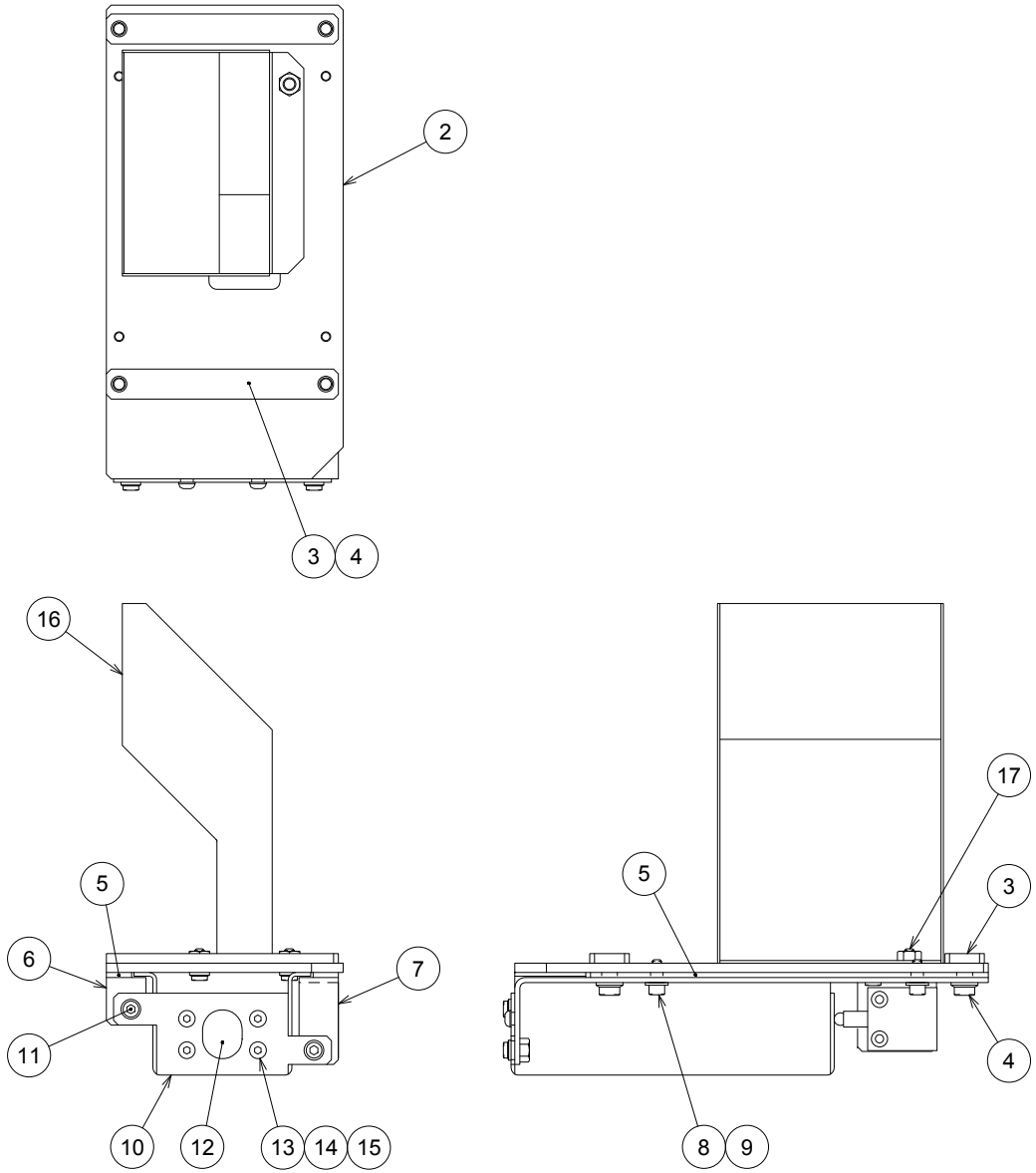
DETAIL C

MACHINE COMPONENT(5)



DETAIL C

Unit No. 1 Frame TSU <Reservoir Tray ASSY>



(1) Reservoir Tray ASSY

6883580---

Unit No. 1 Frame TSU <Reservoir Tray ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6883580---	Reservoir Tray ASSY	Index 2-17	1
2	74451880 6883581 A	Base Plate		1
3	74419837 6883582	Spacer A		2
4	74776776 P330468016	Flange Socket Bolt NISSAN NEJI	M8X35	4
5	74419838 6883583	Spacer B		2
6	74419839 6883584	Rail T		1
7	74453533 6883606	Rail C		1
8	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
9	74159714 P336000005	Washer JIS	6(Normal)	4
10	74453534 6883605	Reservoir Tray		1
11	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	2
12	74902088 6883587--A	Window		1

Unit No. 1 Frame TSU <Reservoir Tray ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183310 P334500015	Button Head Screw	M6X15	4
14	74159714 P336000005	Washer JIS	6(Normal)	4
15	74613217 P332000083	Nut JIS	M6(Type-3)	4
16	74419843 6883589	Slider		1
17	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	3

< List Only >

CE00299---

Unit No. 2 Cover BF <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00299---	Frame Cover ASSY	Index 2-44	1
2	74379001 0819106 A	Fan Cover		1
3	74902125 7833093---	Fan Hitachi IES	PN-254-002SHA	1
4	74563179 P334500062	Button Head Screw	M6X30	8
5	74400549 6828479--A	Top Cover		1
6	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
7	74183103 P336050006	Spring Washer JIS	8	4
8	74183027 P336000006	Washer JIS	8(Normal)	4
9	74417105 6876550	Rubber Cushion		4
10	74776796 P332000005	Nut JIS	M8	4
11	74417106 6876551	Base Bracket 1	F50X6	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 2 Cover BF <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	4
14	74183027 P336000006	Washer JIS	8(Normal)	4
15	74417107 6876552	Base Bracket 2	F50X6	2
16	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
17	74183103 P336050006	Spring Washer JIS	8	4
18	74183027 P336000006	Washer JIS	8(Normal)	4
19	74417108 6876553	Bar	F32X6-380	2
20	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
21	74183103 P336050006	Spring Washer JIS	8	4
22	74183027 P336000006	Washer JIS	8(Normal)	4
23	74450050 7833089	Axial Flow Blower TOAMEC	SF200-40-3 200V	2
24	74400551 6013896--B	Seal Flange		2

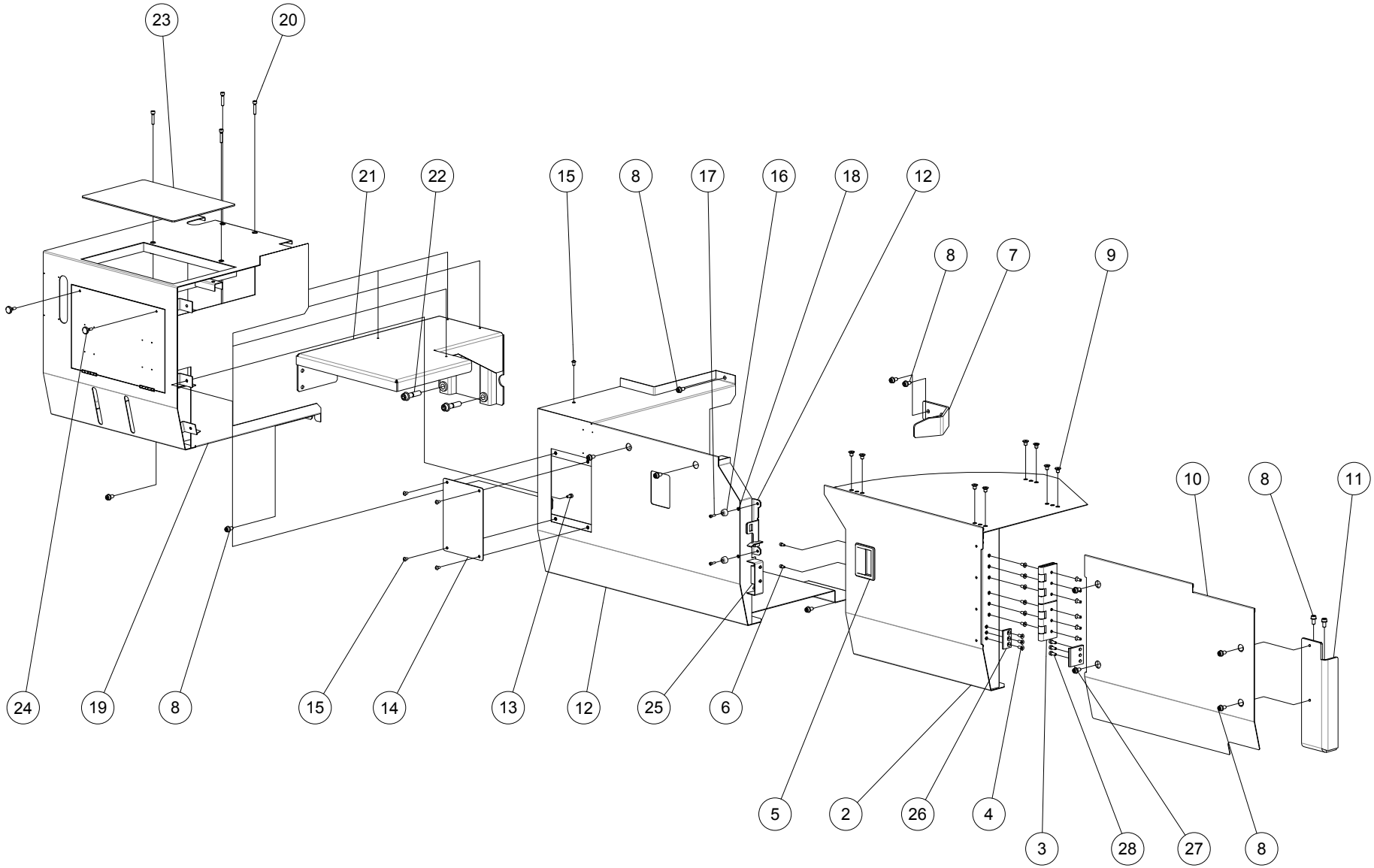
Unit No. 2 Cover BF <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74415265 P590175019	Oil Seal SIEGLING	V-8A	2
26	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	12
27	74902405 MA02777---	Top Cover Center		2
28	74569504 7830643	Button Head Screw MOURI	M6X12	12
29	74401849 CE00287---	Top Cover (Center Right)		1
30	74569504 7830643	Button Head Screw MOURI	M6X12	6
31	74902407 MA02779---	Top Cover (Right Hook)		1
32	74569504 7830643	Button Head Screw MOURI	M6X12	6
33	74902408 MA02780---	Top Cover (Right Side)		1
34	74569504 7830643	Button Head Screw MOURI	M6X12	6
35	74401850 CE00288---	Top Cover (Left Hook)		2
36	74569504 7830643	Button Head Screw MOURI	M6X12	12

Unit No. 2 Cover BF <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74401851 CE00260---	Right Side Cover Upper		1
38	74569504 7830643	Button Head Screw MOURI	M6X12	6
39	74401852 CE00261---	Right Side Under Cover		1
40	74569504 7830643	Button Head Screw MOURI	M6X12	6
41	74902415 MA02808---	Air Blower Cover		1
42	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
43	74417187 6876593	Stud (Unit)	H22	2
44	74776785 P330550043	Socket Set Screw JIS	M8X30(Flat Point)	2

Unit No. 3 Cover BF <Lower Turret Cover ASSY F>



1 Lower Turret Cover ASSY F

CE00278---
(CE00240--A)

Unit No. 3 Cover BF <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00278---	Lower Turret Cover ASSY F	Index 2-28	1
2	74401853 CE00296---	Lower Turret Door		1
3	74776710 P313322003	Hinge TAKIGEN	B-1064-1	2
4	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	15
5	74419420 P317012022	Door Handle TAKIGEN	A-151R-2-2	1
6	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
7	74902421 MA02918--B	Lower Turret Door Holder		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	15
9	74903155 P334520057	Flat Head Bolt NISSAN NEJI	M8X12	8
10	74401854 CE00297---	Cover F		1
11	74902423 MA02926--B	Front Cover Bracket		1
12	74401855 CE00279---	Working Table Cover Right		1

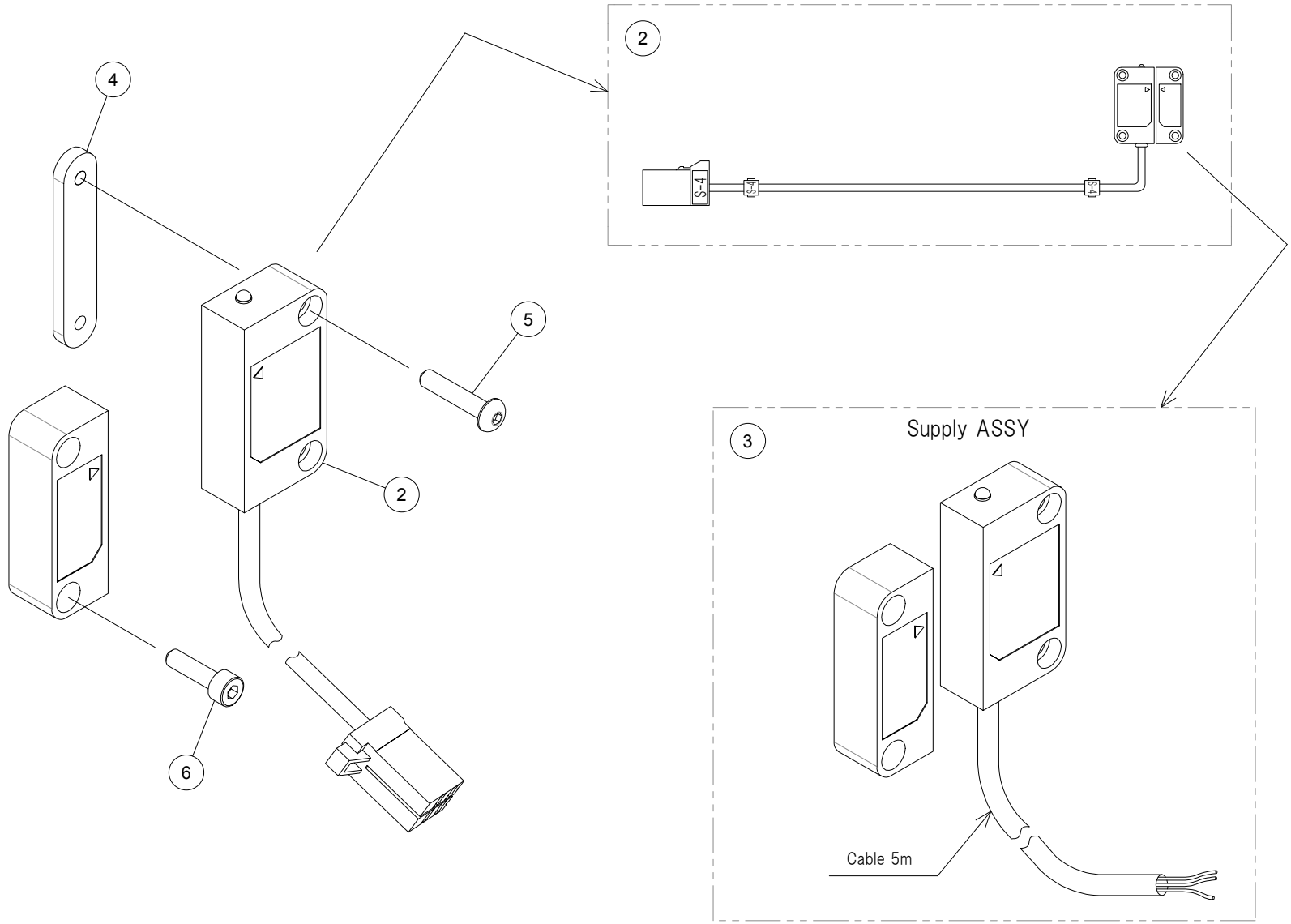
Unit No. 3 Cover BF <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	3
14	74401856 CE00280---	Working Table Cover Plate		1
15	74183302 P334500013	Button Head Screw	M6X10	5
16	74300805 P229102002	Rubber Support TAKIGEN	C-30-RK-18	2
17	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
18	74183022 P336000003	Washer JIS	4(Small Round)	2
19	74401857 MA04196--A	Working Table Cover Left		1
20	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
21	74401858 MA03325--A	Working Table		1
22	74564606 P330468038	Flange Socket Bolt NISSAN NEJI	M12X50	4
23	74812702 3809778	Rubber Mat		1
24	74419683 6879264	Finger Screw		2

Unit No. 3 Cover BF <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	MA02920---	Door for Exchange LS ASSY		1
26	74401859 CE00243---	Stopper 1		1
27	74401860 CE00244---	Stopper 2		1
28	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	3

Unit No. 4 Cover BF <Door for Exchange LS ASSY>



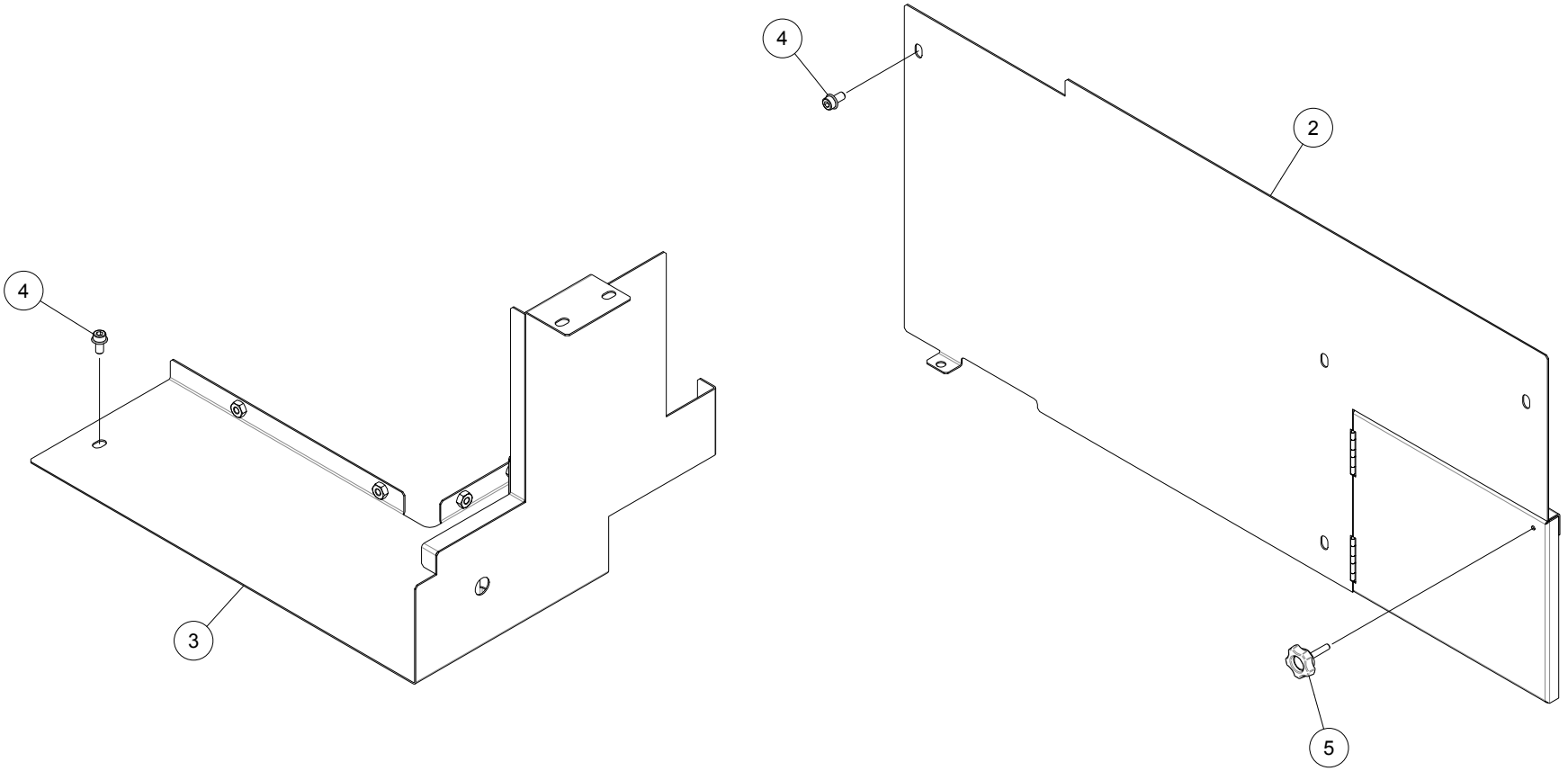
(1) Door for Exchange LS ASSY

MA02920---

Unit No. 4 Cover BF <Door for Exchange LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Door for Exchange LS ASSY		1
	MA02920---		Index 2-6	
2	74902422	Cable S-4		1
	MA02919--A		with Index 3	
3	74741655	Door Switch	D40A-1C5	1
	P829602028	OMRON	SQ22	
4	74741652	Square Nut		1
	3804224			
5	74576882	Button Head Screw	M4X20	2
	P334500027	JIS		
6	74183601	Hex Socket Cap Screw	M4X15	2
	P330200018			

Unit No. 5 Cover BF <Lower Turret Cover ASSY R>



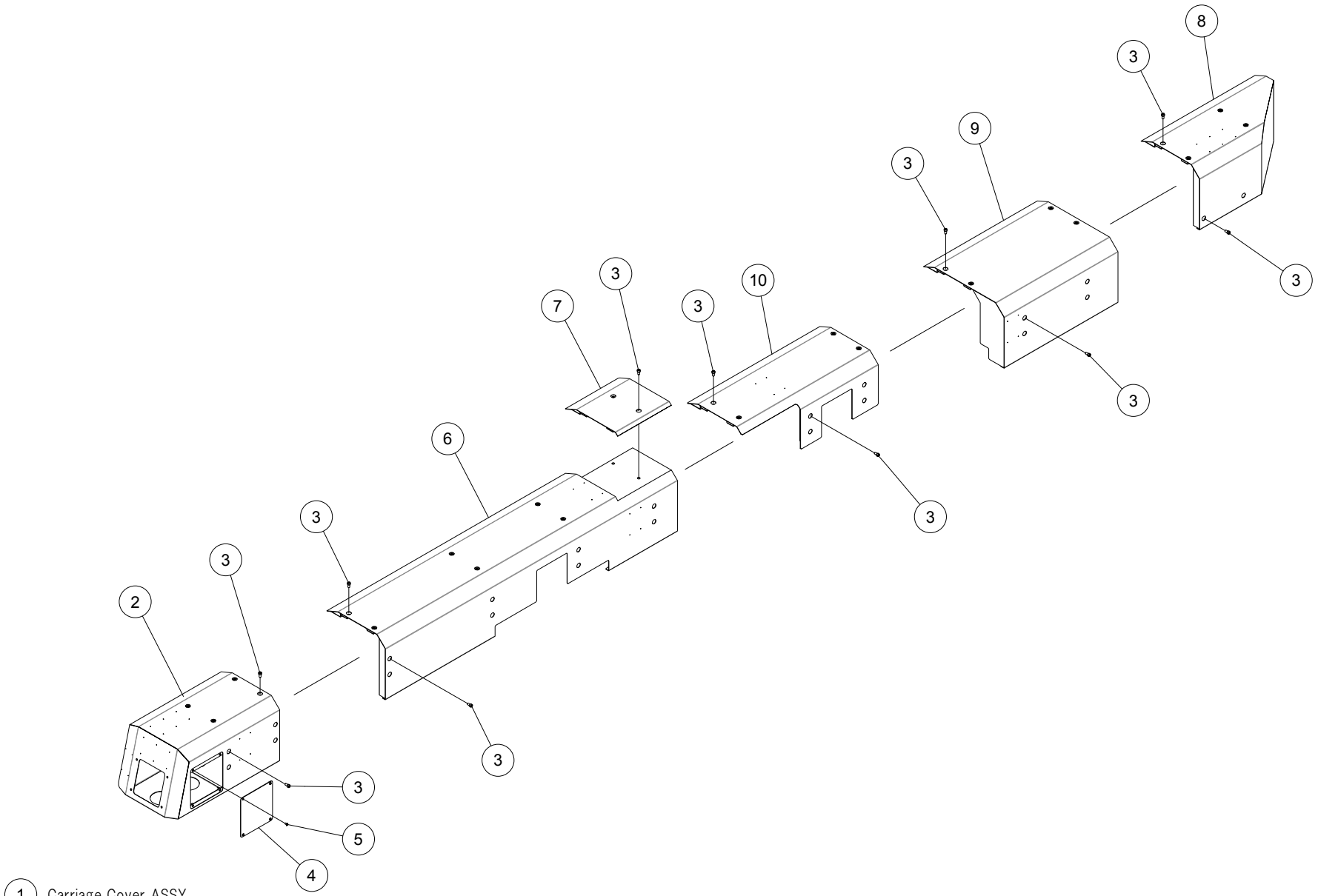
(1) Lower Turret Cover ASSY R

CE00281---

Unit No. 5 Cover BF <Lower Turret Cover ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00281---	Lower Turret Cover ASSY R	Index 2-5	1
2	74902691 MA05006---	Lower Turret Cover R1		1
3	74401861 CE00282---	Lower Turret Cover R2		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	9
5	74419683 6879264	Finger Screw		1

Unit No. 6 Cover BF <Carriage Cover ASSY>

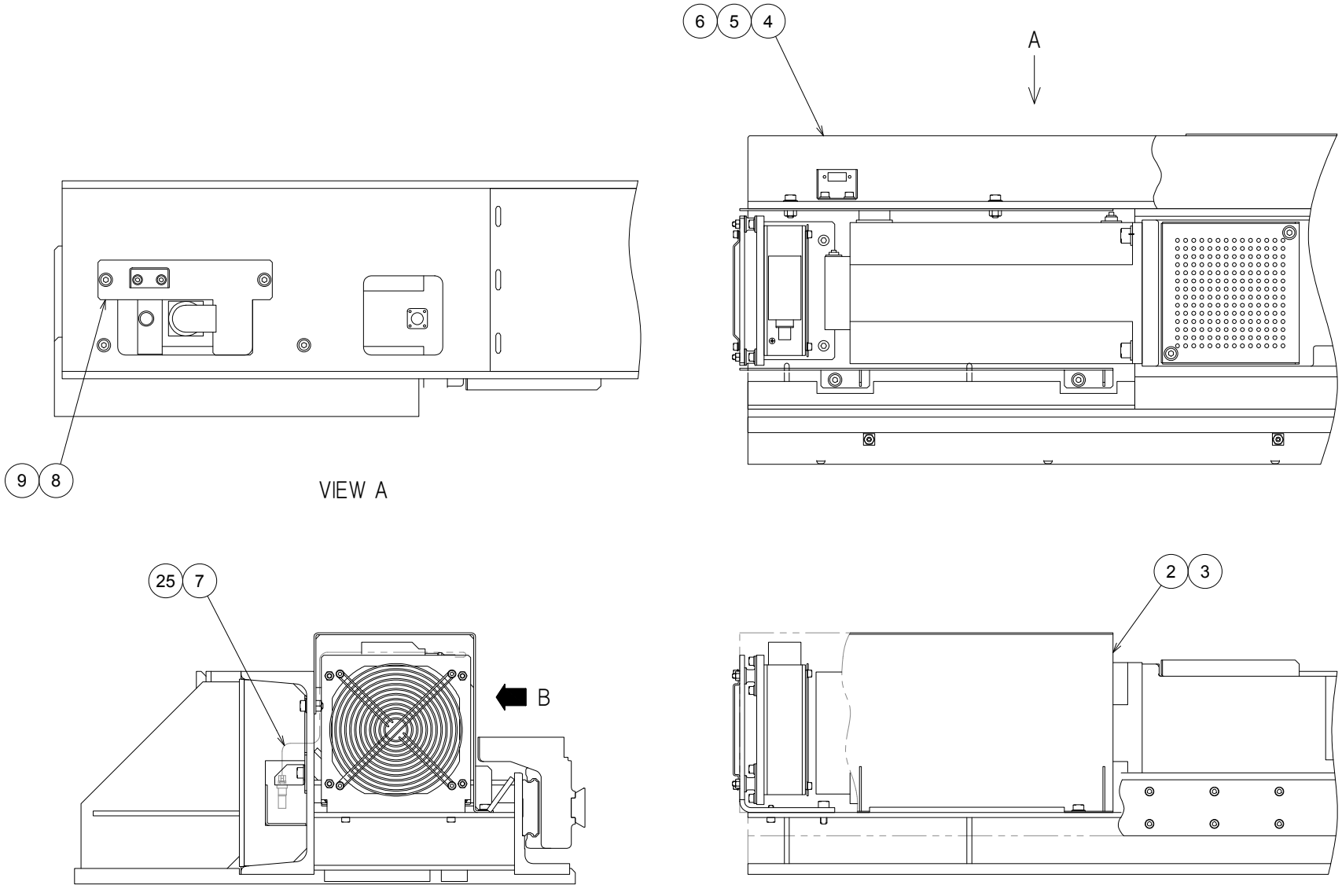


1 Carriage Cover ASSY

CE01360---

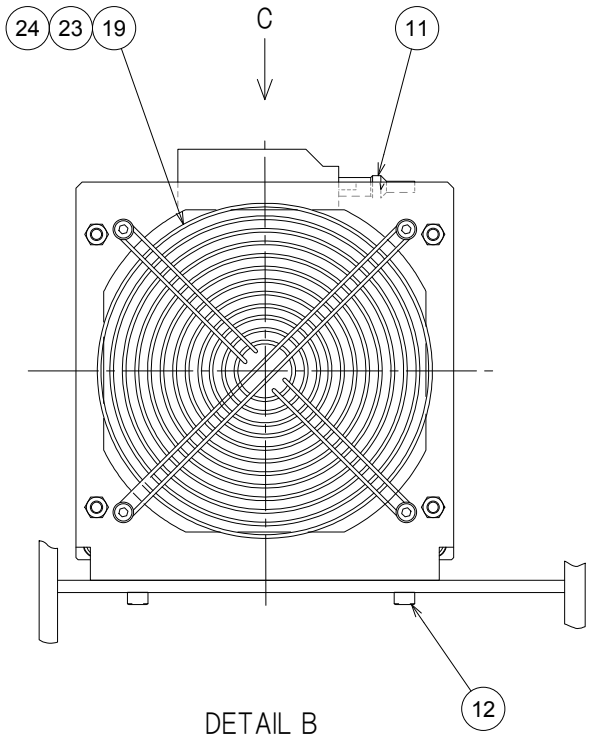
Unit No. 6 Cover BF <Carriage Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01360---	Carriage Cover ASSY	Index 2-10	1
2	74401862 CE01361---	Carriage Cover F1		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	46
4	74401863 CE01362---	Carriage Cover F1 Maintenance Lid		1
5	74183302 P334500013	Button Head Screw	M6X10	4
6	74401864 CE01363---	Carriage Cover F2		1
7	74401865 CE01364---	Carriage Cover F2 Lid		1
8	74401866 CE01365---	Carriage Cover R1		1
9	74401867 CE01366---	Carriage Cover R2		1
10	74401868 CE01367---	Wiring Cover		1

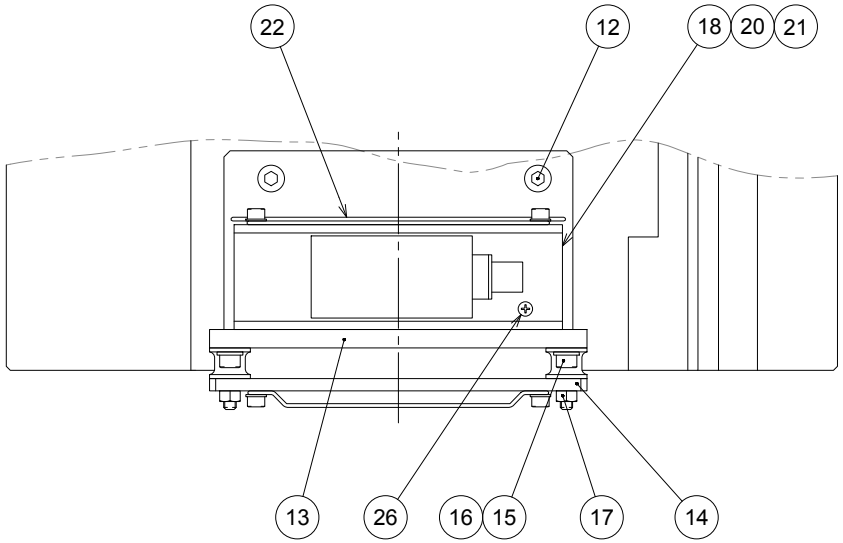


(1) X-axis Fan Installation

CE01350---
(6877384--B)



DETAIL B



VIEW C

(10) X-axis Fan ASSY

CE01350---
(6877384--B)

Unit No. 7 Cover BF <X-axis Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01350---	X-axis Fan Installation	Index 2-26	1
2	74417155 6874404	Fan Cover		1
3	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	4
4	74400576 6873348--A	CN Bracket		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74159714 P336000005	Washer JIS	6(Normal)	2
7	74569473 P381058104	Cable Band KITAGAWA	SKB-85MM	2
8	74419619 6874372	Lid CN		1
9	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	2
10	CE01351---	X-axis Fan ASSY	Index 11-26	1
11	74401869 CE01352---	Fan Bracket A		1
12	74183621 P330230006	Hex Socket Cap Screw	M8X20	4

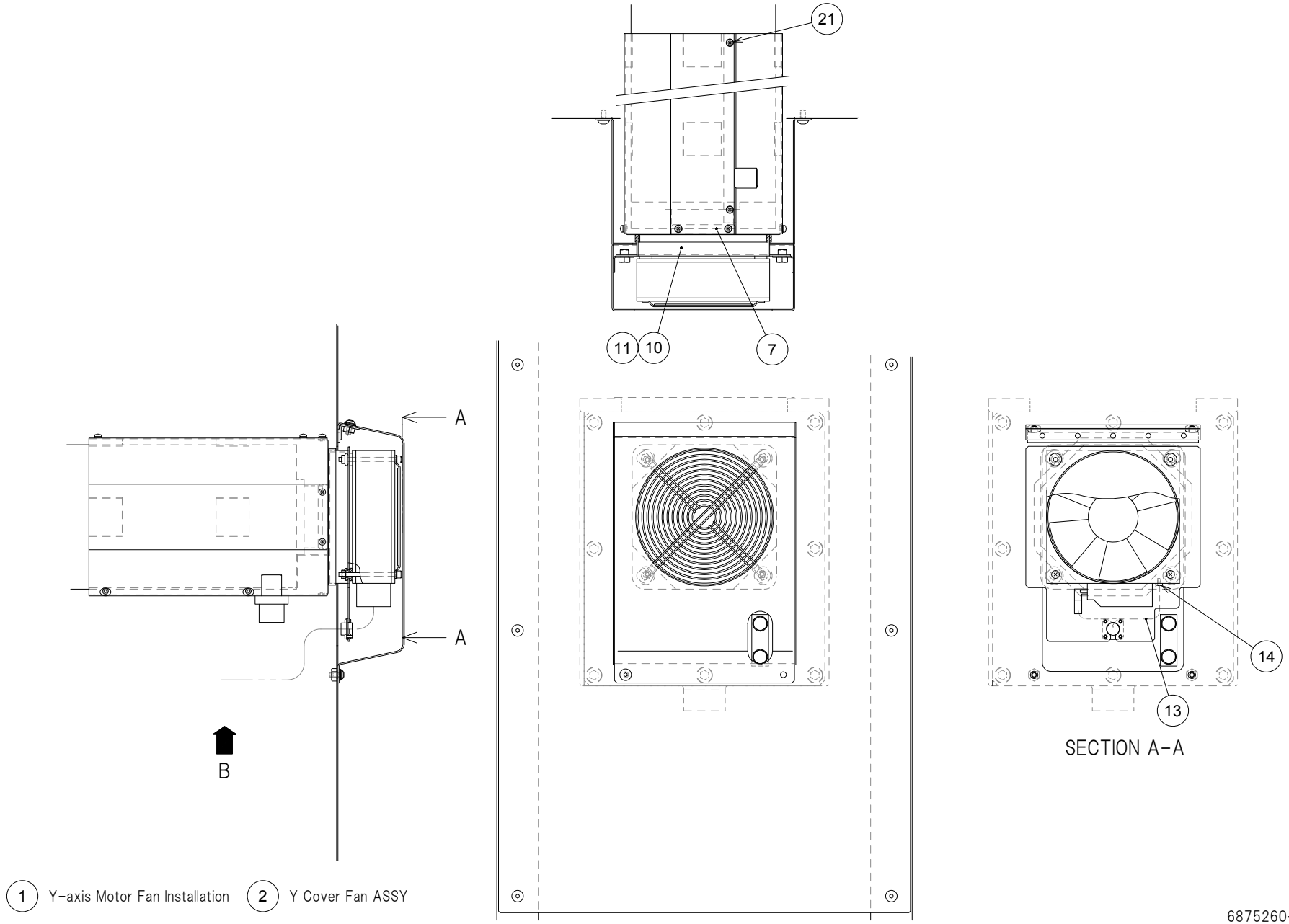
Unit No. 7 Cover BF <X-axis Fan Installation>

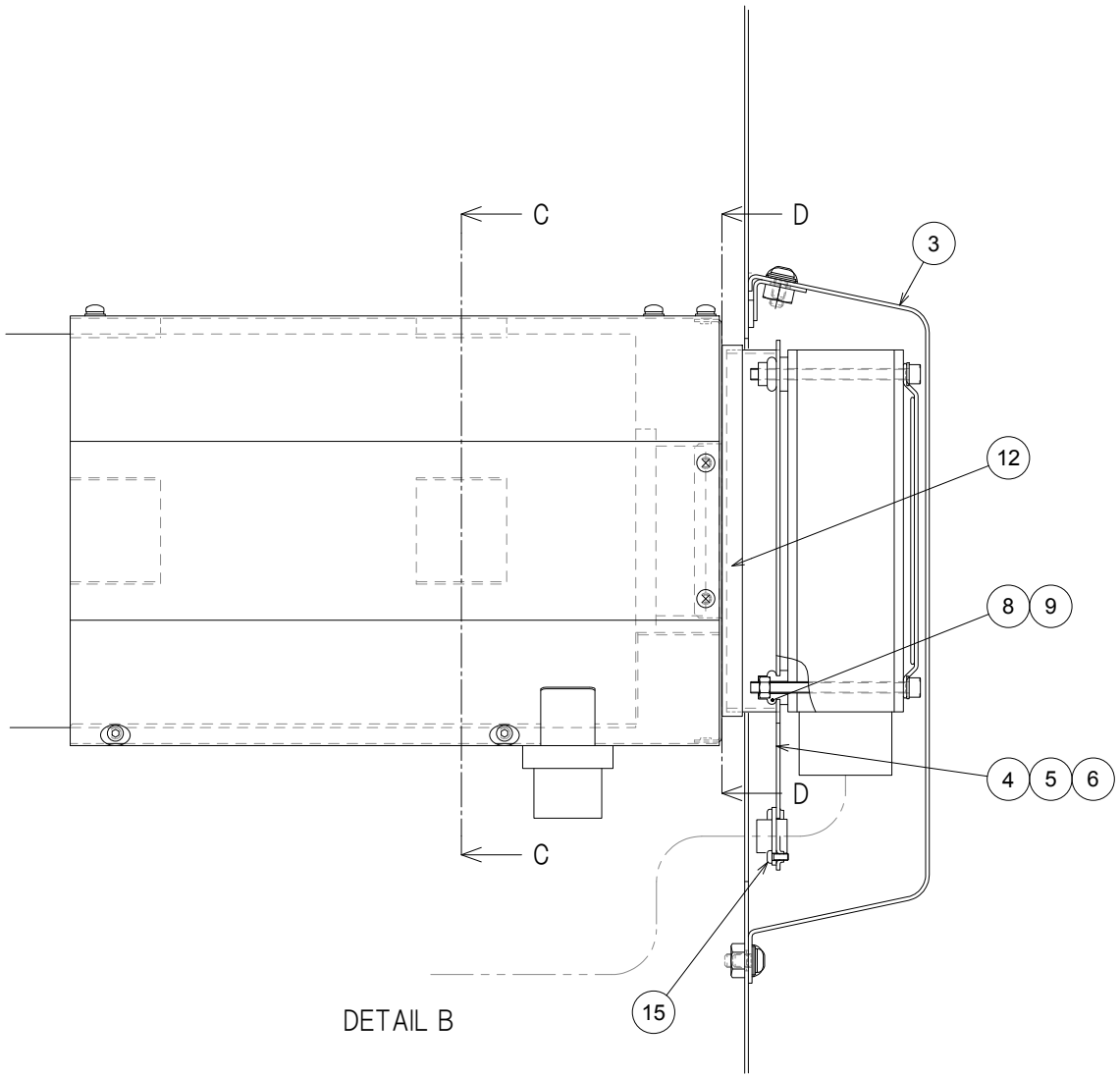
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417159 6874403	Fan Bracket B		1
14	74564902 P382002022	Vibration Isolator KURASHIKI KAKO	KB-20	4
15	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	8
16	74159714 P336000005	Washer JIS	6(Normal)	8
17	74776801 P332000030	Nut JIS	M6(Type-1)	4
18	74401303 P538002001	Fan SANYO Electric	109-602	1
19	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
20	74354316 P330210017	Hex Socket Cap Screw	M5X60	4
21	74776840 P336000080	Washer	5(Normal)	4
22	74415339 P538072014	Accessory for Fan SANYO Electric	109-620	1
23	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
24	74776840 P336000080	Washer	5(Normal)	4

Unit No. 7 Cover BF <X-axis Fan Installation>

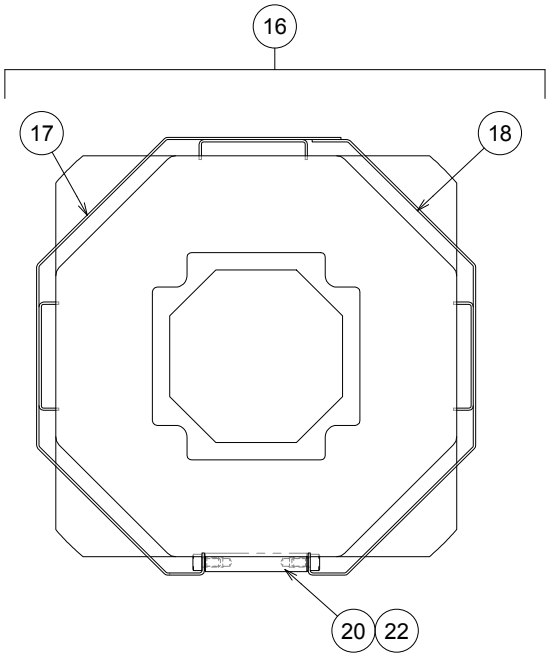
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902439 MA03007---	Cable EV42-1		1
26	74307621 P334100015	Pan Head Screw JIS	M4X5	1

Unit No. 8 Cover BF-1/2 <Y-axis Motor Fan Installation>

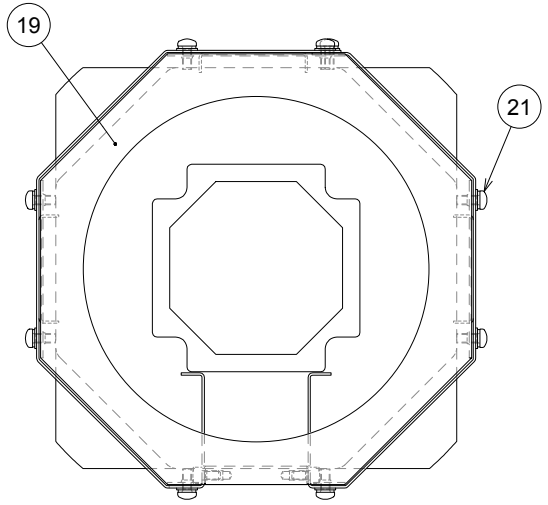




DETAIL B



SECTION C-C



SECTION D-D

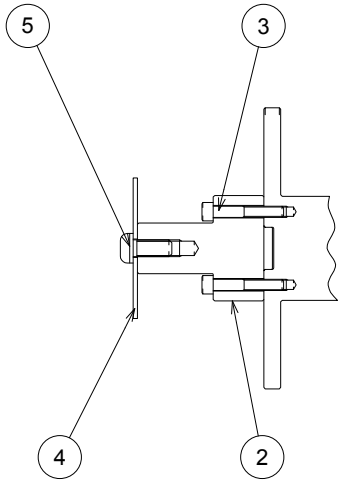
6875260--A

Unit No. 8 Cover BF <Y-axis Motor Fan Installation>

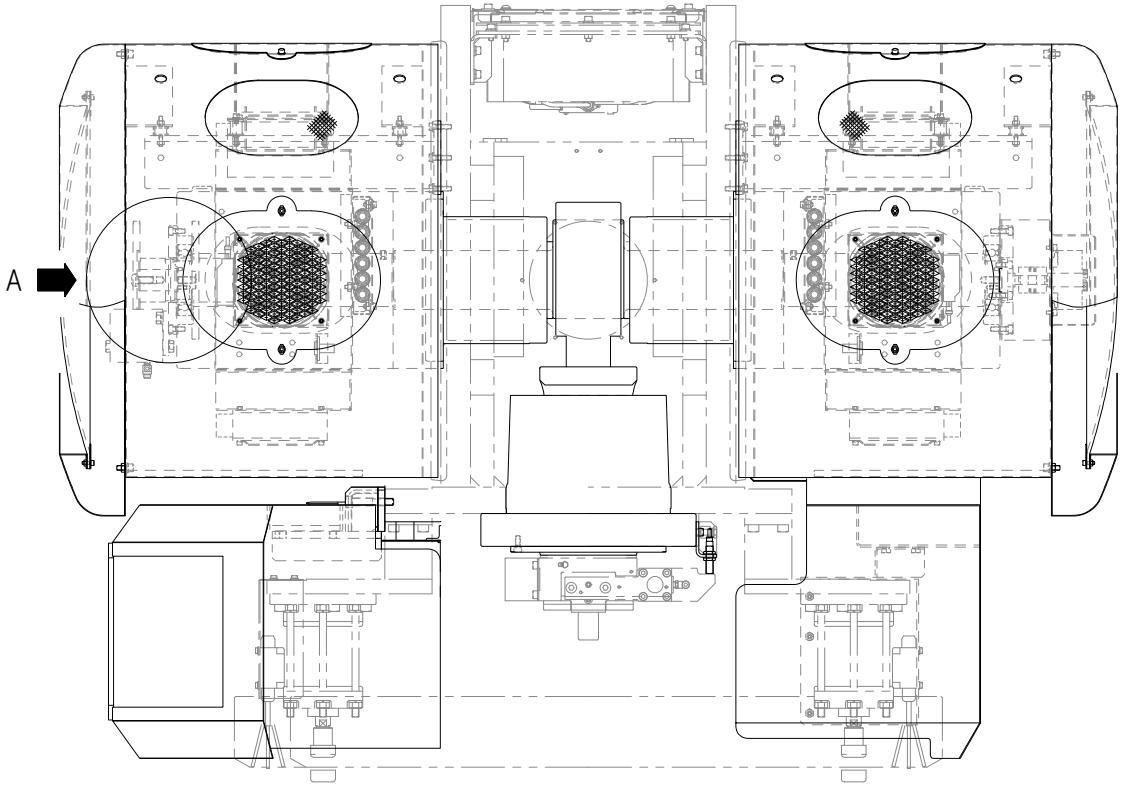
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875260 A	Y-axis Motor Fan Installation	Index 2-22	1
2	6874436	Y Cover Fan ASSY	Index 3-15	1
3	74418334 6875273	Fan Cover (Y)		1
4	74569504 7830643	Button Head Screw MOURI	M6X12	4
5	74420512 6875274 A	Fan Bracket Y		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74401303 P538002001	Fan SANYO Electric	109-602	1
8	74417149 P332248001	Antivibration Nut SWCC	Q-5	4
9	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
10	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
11	74776840 P336000080	Washer	5(Normal)	4
12	74306820 0383322 A	Rubber Packing		1

Unit No. 8 Cover BF <Y-axis Motor Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417150 6874554	Cable EV43-1		1
14	74307621 P334100015	Pan Head Screw JIS	M4X5	1
15	74355801 P334100003	Pan Head Screw JIS	M3X6	4
16	 6875809	Motor Cover Kit	 Index 17-22	1
17	74417151 6875810	Motor Cover 1		1
18	74417152 6875811	Motor Cover 2		1
19	74417153 6875812	Motor Cover 3		1
20	74417154 6875813	Stud (Motor Cover)		1
21	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	8
22	74413041 P330200014	Hex Socket Cap Screw	M4X8	4



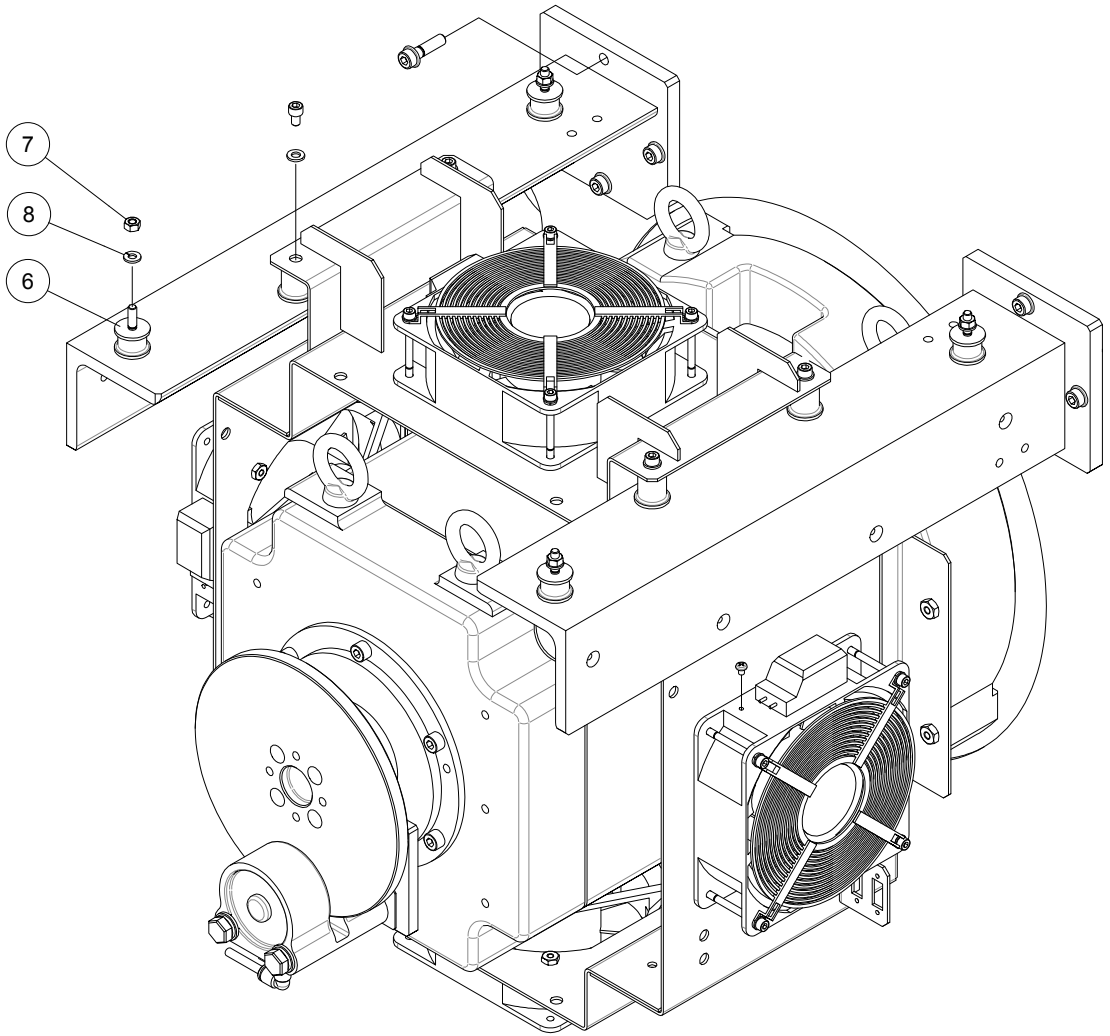
DETAIL A



(1) Drive Cover ASSY

CE03150---
(6875258---)

Unit No. 9 Cover BF-2/2 <Drive Cover ASSY>



CE03150---
(6875258---)

Unit No. 9 Cover BF <Drive Cover ASSY>

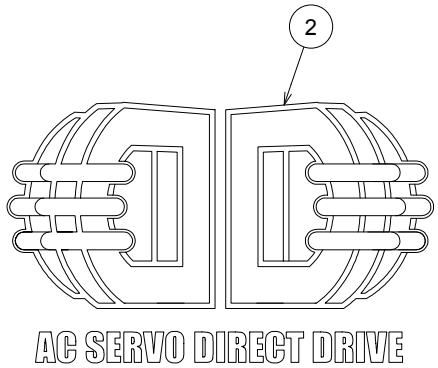
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03150---	Drive Cover ASSY	Index 2-8	1
2	74400577 6827285--A	Pointer Base		1
3	74183630 P330230012	Hex Socket Cap Screw	M8X50	4
4	74382232 6533019	Indicator		1
5	74380159 P334500025	Button Head Screw JIS	M12X20	1
6	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	8
7	74776801 P332000030	Nut JIS	M6(Type-1)	16
8	74178737 P336050005	Spring Washer JIS	6	8

< List Only >

CE03151---

Unit No. 10 Cover BF <Drive Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03151---	Drive Cover ASSY	Index 2-4	1
2	CE03152---	Drive Cover (F) ASSY		1
3	CE03153---	Drive Cover (R) ASSY		1
4	CE03154---	Drive Cover TOP ASSY		1

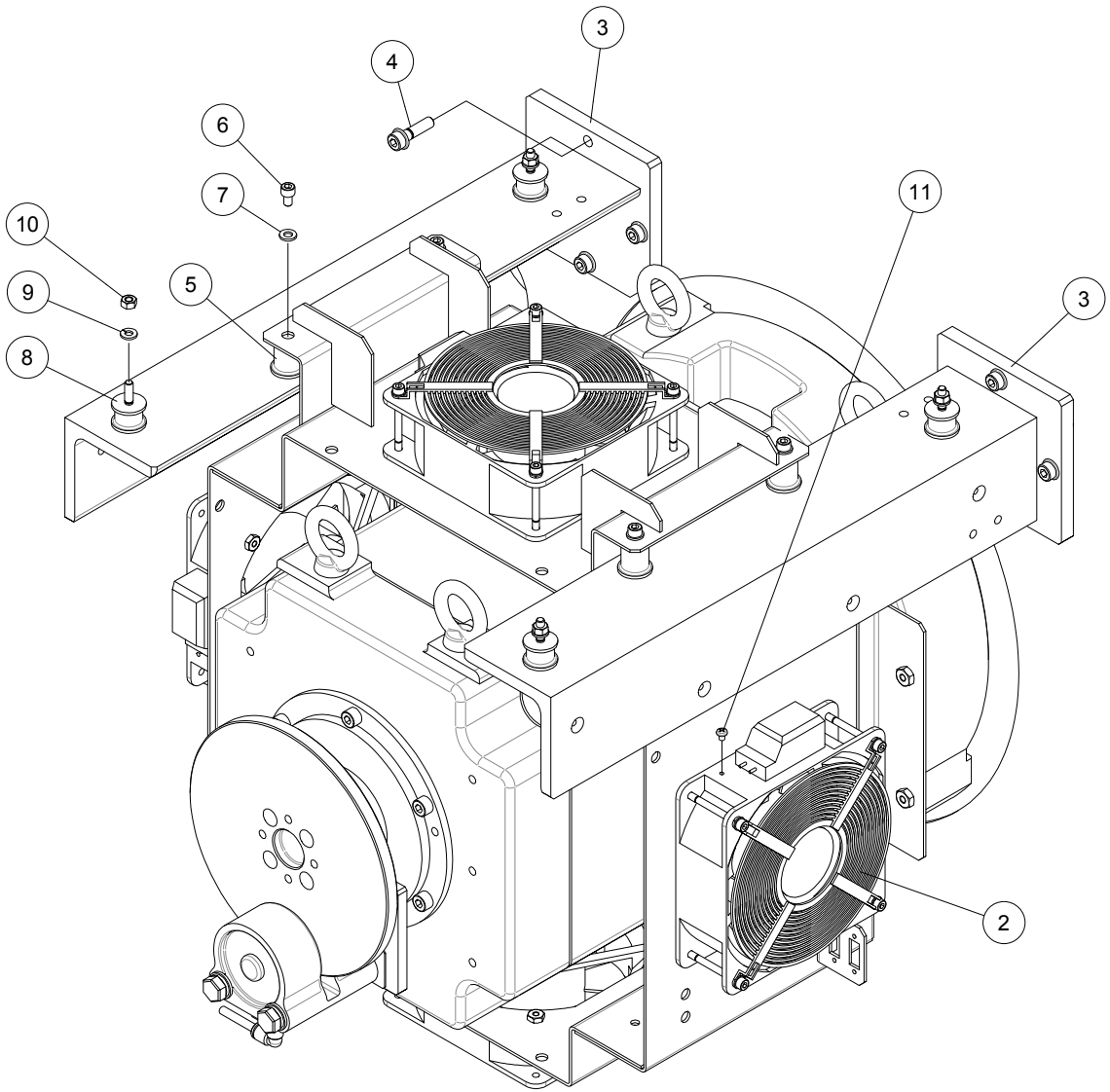


(1) Name Plate ASSY DD

CE03158---

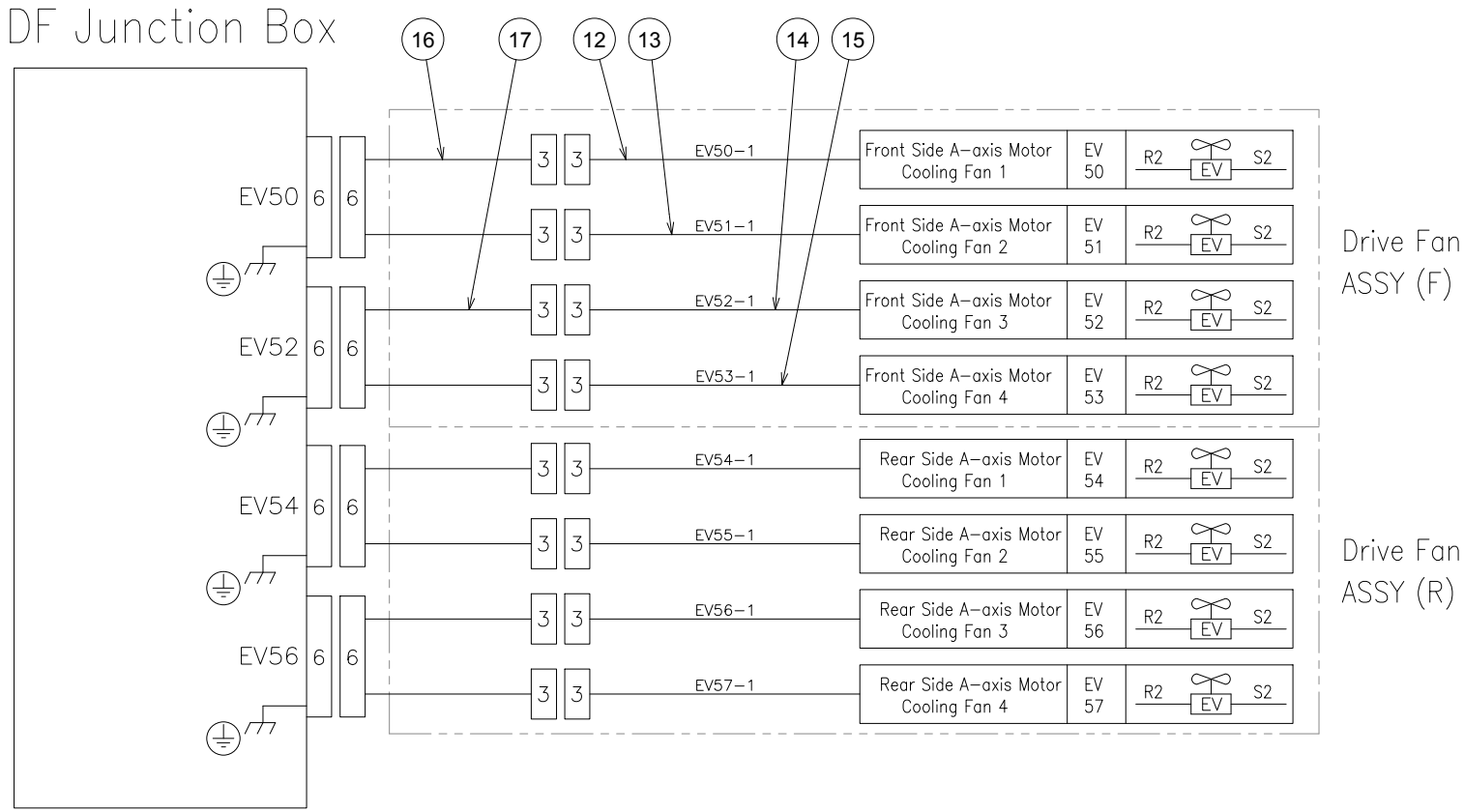
Unit No. 11 Cover BF <Name Plate ASSY DD>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03158---	Name Plate ASSY DD	Index 2	1
2	74400590 CE02724---	DD Mark 150		2



(1) Drive Fan ASSY F

CE00437---


DF Junction Box
16
17
12
13
14
15
EV50
EV52
EV54
EV56
6
6
3
3
EV50−1
EV51−1
EV52−1
EV53−1
EV54−1
EV55−1
EV56−1
EV57−1
Front Side A−axis Motor Cooling Fan 1
Front Side A−axis Motor Cooling Fan 2
Front Side A−axis Motor Cooling Fan 3
Front Side A−axis Motor Cooling Fan 4
Rear Side A−axis Motor Cooling Fan 1
Rear Side A−axis Motor Cooling Fan 2
Rear Side A−axis Motor Cooling Fan 3
Rear Side A−axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)

CE00391---

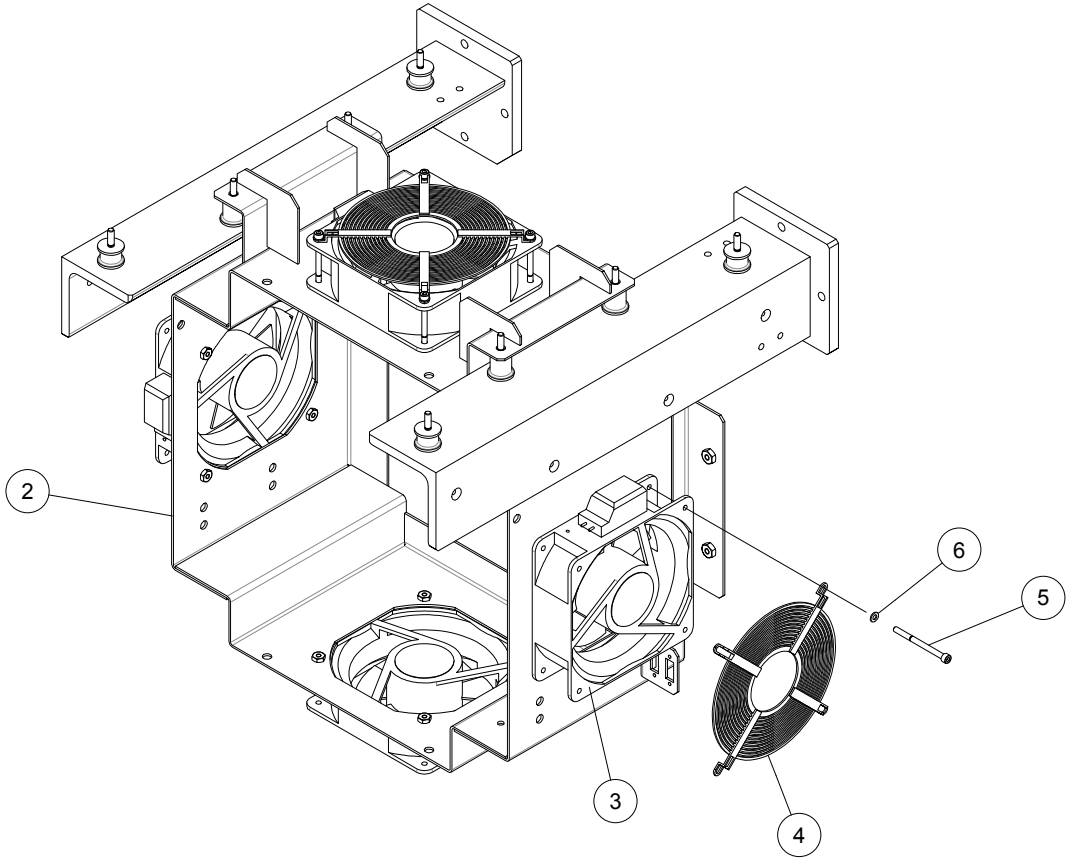
Unit No. 12 Cover BF <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00437---	Drive Fan ASSY F	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400578 6870465--A	Cable EV50-1		1

Unit No. 12 Cover BF <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400579 6870466--A	Cable EV51-1		1
14	74415971 6870467	Cable EV52-1		1
15	74400580 6870468--A	Cable EV53-1		1
16	74400581 CE00325---	Cable EV50		1
17	74400582 CE00326---	Cable EV52		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12

Unit No. 13 Cover BF <Fan ASSY>

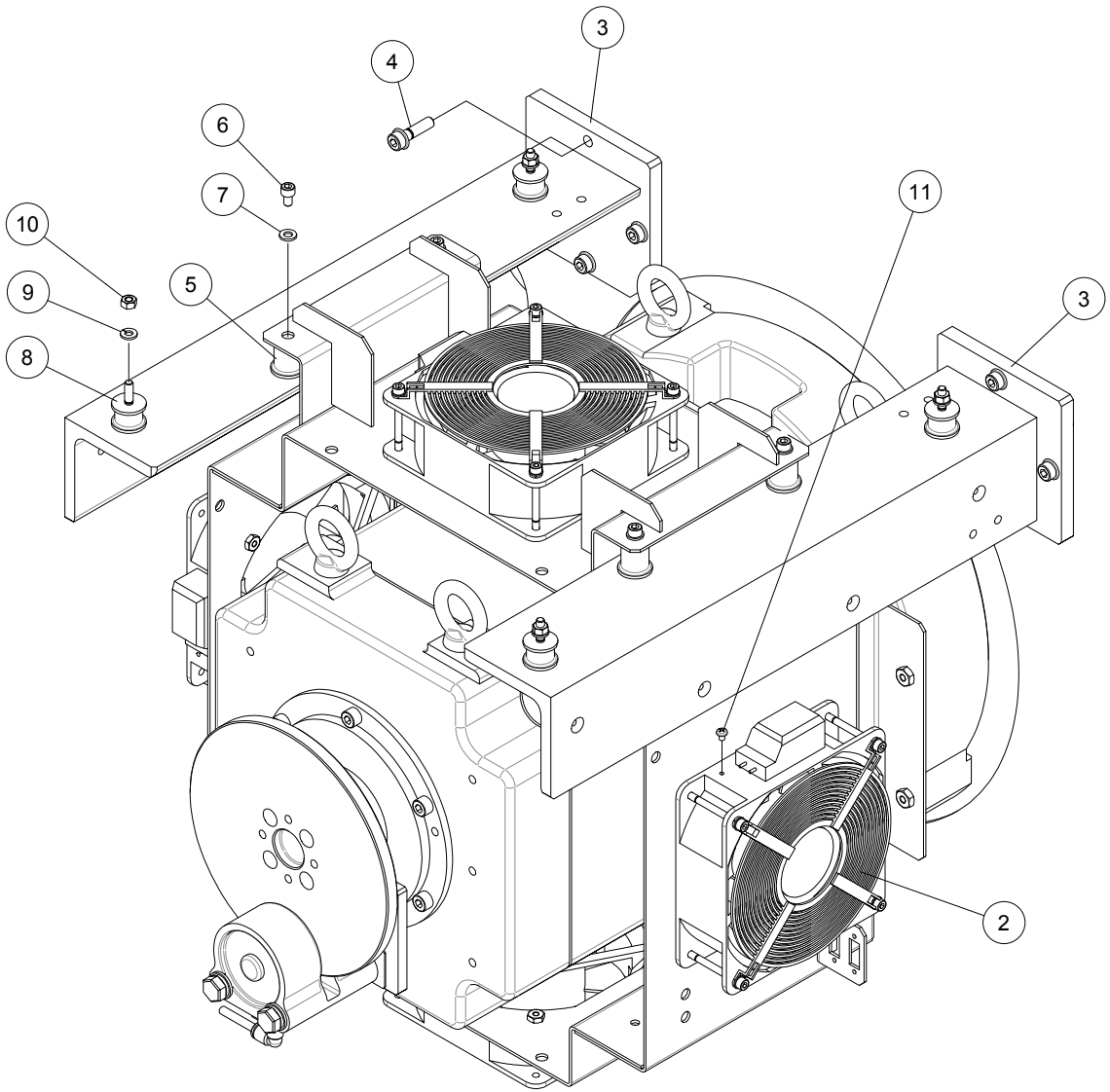


(1) Fan ASSY

6885417---

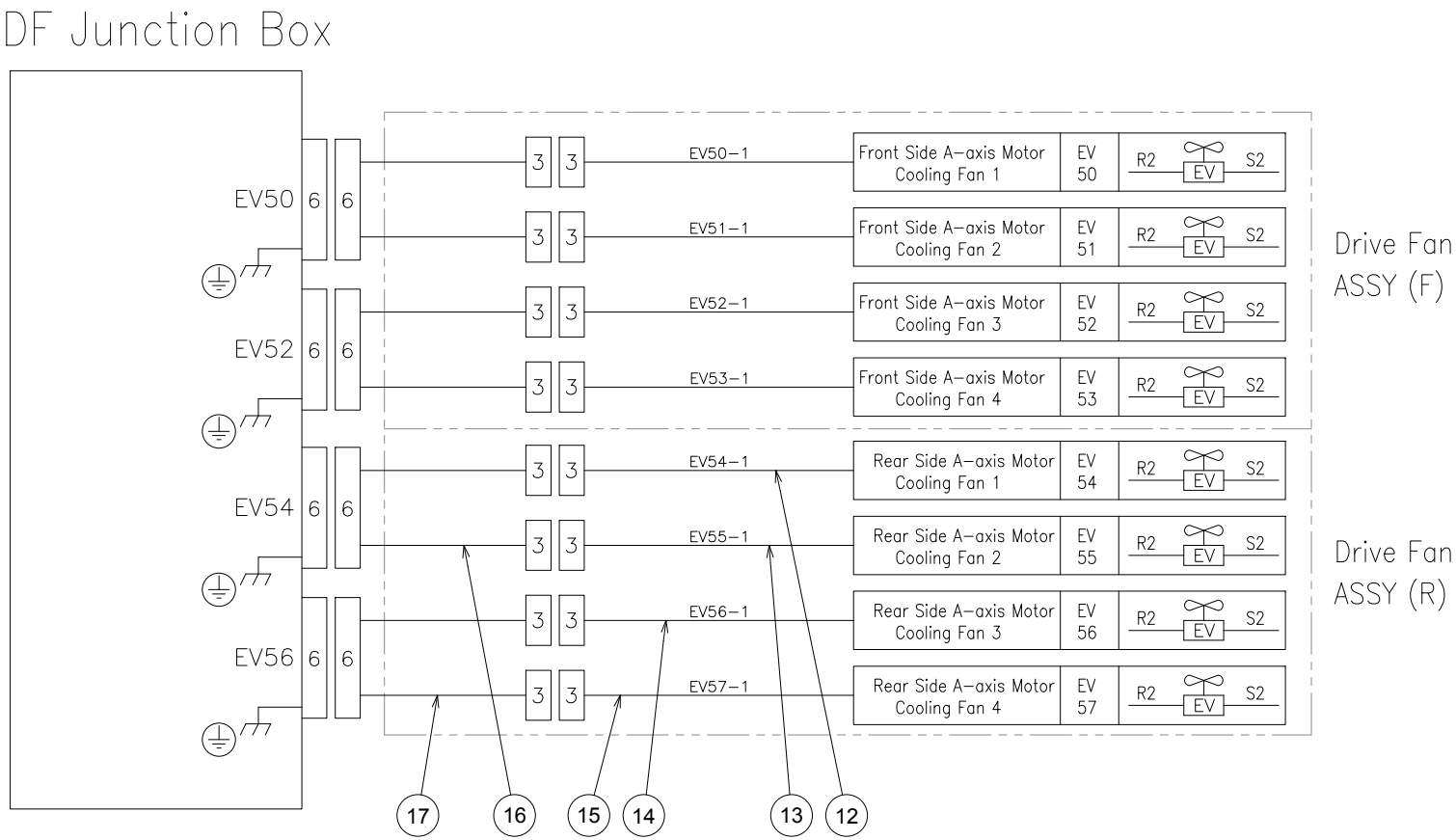
Unit No. 13 Cover BF <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Fan ASSY		1
	6885417---		Index 2-6	
2	74400583	Fan Bracket		1
	6885416---			
3	74401303	Fan	109-602	4
	P538002001	SANYO Electric		
4	74415338	Accessory for Fan	109-619E	4
	P538072013	SANYO Electric		
5	74716106	Hex Socket Cap Screw	M5X65	16
	P330210018	NISSAN NEJI		
6	74776840	Washer	5(Normal)	16
	P336000080			



(1) Drive Fan ASSY R

CE00438---


DF Junction Box
EV50
EV52
EV54
EV56
6
6
3
3
EV50−1
EV51−1
EV52−1
EV53−1
EV54−1
EV55−1
EV56−1
EV57−1
Front Side A−axis Motor Cooling Fan 1
Front Side A−axis Motor Cooling Fan 2
Front Side A−axis Motor Cooling Fan 3
Front Side A−axis Motor Cooling Fan 4
Rear Side A−axis Motor Cooling Fan 1
Rear Side A−axis Motor Cooling Fan 2
Rear Side A−axis Motor Cooling Fan 3
Rear Side A−axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)
17
16
15
14
13
12

CE00391---

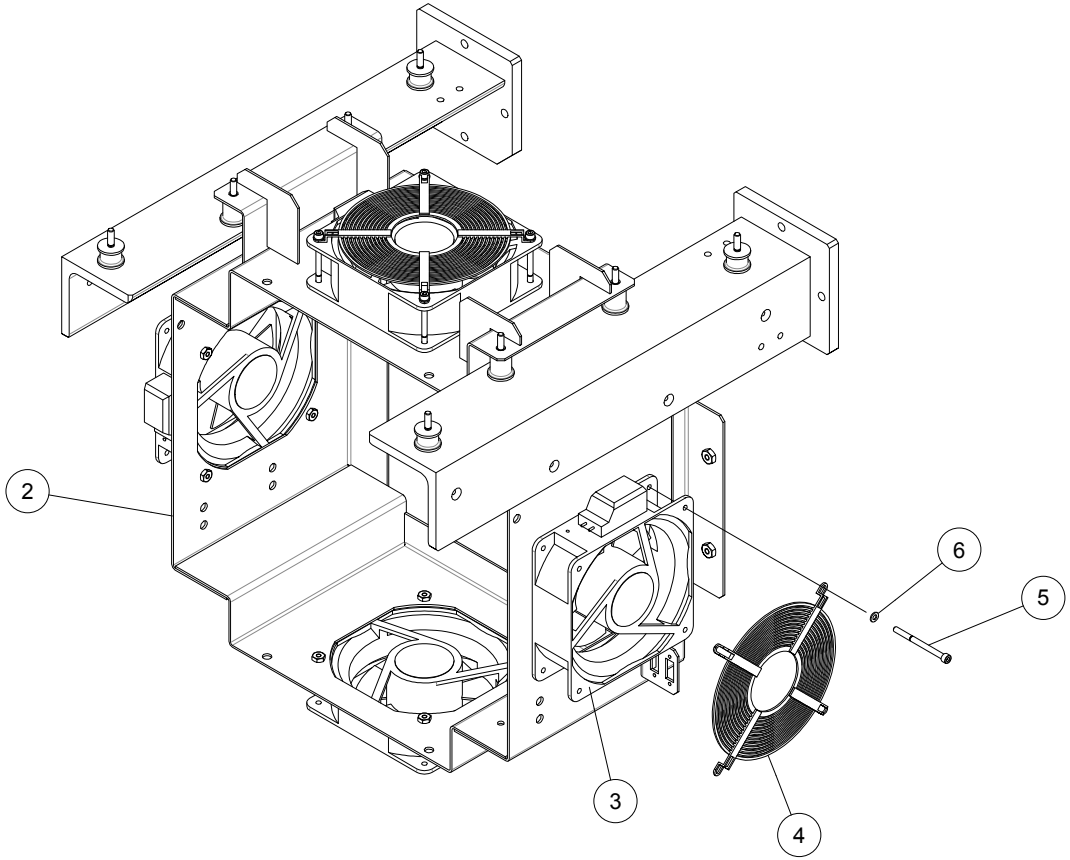
Unit No. 14 Cover BF <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00438---	Drive Fan ASSY R	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400584 6870469--A	Cable EV54-1		1

Unit No. 14 Cover BF <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400585 6870470--A	Cable EV55-1		1
14	74400586 6870471--A	Cable EV56-1		1
15	74400587 6870472--A	Cable EV57-1		1
16	74400588 CE00327---	Cable EV54		1
17	74400589 CE00328---	Cable EV56		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12

Unit No. 15 Cover BF <Fan ASSY>



(1) Fan ASSY

6885417---

Unit No. 15 Cover BF <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Fan ASSY		1
	6885417---		Index 2-6	
2	74400583	Fan Bracket		1
	6885416---			
3	74401303	Fan	109-602	4
	P538002001	SANYO Electric		
4	74415338	Accessory for Fan	109-619E	4
	P538072013	SANYO Electric		
5	74716106	Hex Socket Cap Screw	M5X65	16
	P330210018	NISSAN NEJI		
6	74776840	Washer	5(Normal)	16
	P336000080			

< List Only >

CE00290---

Unit No. 16 Cover BF <Name Plate Layout>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00290---	Name Plate Layou	Index 2-40	1
2	74454107 6634634 A	AMADA Plate #140		1
3	74400592 6826413--C	Serial Plate		1
4	74379097 P339070006	Rivet JIS	6X12(Round)Steel	4
5	74902622 MA04190---	Warning Plate		17
6	74325518 6018105	Warning Plate 1		7
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24
8	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
9	74325519 6018106	Warning Plate 2		2
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
11	74325520 6018107 B	Warning Plate 3		4
12	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24

Unit No. 16 Cover BF <Name Plate Layout>

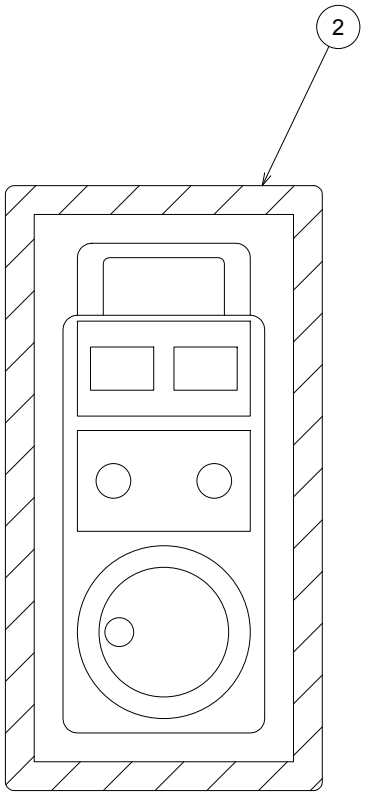
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417911 6812486	Name Plate		1
14	74325330 0810617 A	Caution Plate		1
15	74776542 6045128	Warning Plate 3		2
16	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
17	74419879 3809313	Caution Plate		1
18	74417917 6812489	Name Plate YLM		4
19	74902604 MA04054---	Name Plate		2
20	74401870 CE01258---	Name Plate		1
21	74401871 CE00291---	Name Plate		1
22	74902184 8636765 A	Warning Plate 1		4
23	74776546 6170009 A	Caution Plate	AS-K1006	4
24	74420101 6875307	Name Plate		1

Unit No. 16 Cover BF <Name Plate Layout>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
26	74576770 6596541	Warning Plate 1 Rear		1
27	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
28	74417915 6812487	Warning Plate 4		1
29	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
30	74419831 7404251	Warning Plate		1
31	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	6
32	74417198 6770031	Eco. Plate 2		1
33	74741789 1660593 A	AMADA Plate	#60	2
34	74388275 6597097	Name Plate 2		2
35	74700594 6541165	Name Plate		1
36	74700583 1500049 A	Name Plate		1

Unit No. 16 Cover BF <Name Plate Layout>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74901979 3719899---	Caution Plate		1
38	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
39	74902094 6885734---	Warning Plate 3		2
40	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8



(1) Name Plate ASSY (Handy Pulsar)

CE02181---

Unit No. 17 Cover BF <Name Plate ASSY (Handy Pulsar)>

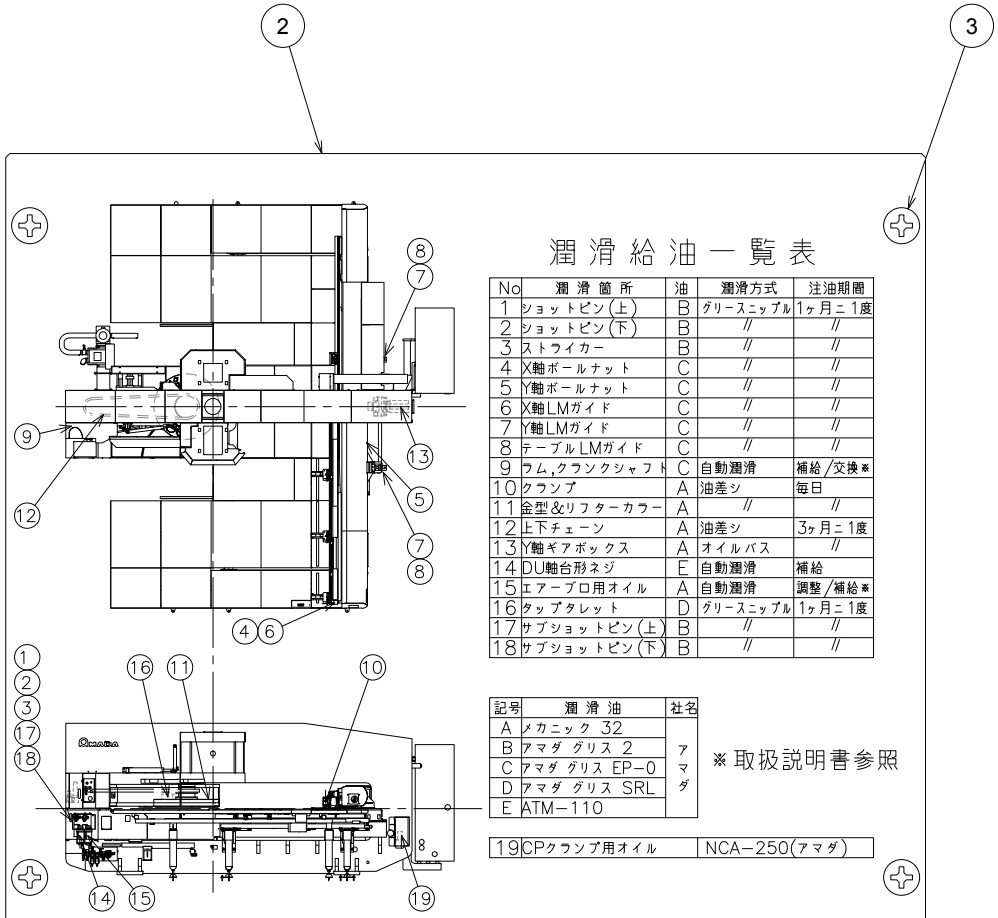
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02181---	Name Plate ASSY (Handy Pulsar)	Index 2	1
2	74401872 MA07315---	Name Plate		1

(1) Model Plate ASSY 3510B

CE02174---

Unit No. 18 Cover BF <Model Plate ASSY 3510B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02174---	Model Plate ASSY 3510B	Index 2	1
2	74401873 / CE03161---	Model Plate		1



潤滑給油一覧表

No	潤滑箇所	油	潤滑方式	注油期間
1	ショットピン(上)	B	グリースニップル	1ヶ月ニ1度
2	ショットピン(下)	B	〃	〃
3	ストライカー	B	〃	〃
4	X軸ボールナット	C	〃	〃
5	Y軸ボールナット	C	〃	〃
6	X軸LMガイド	C	〃	〃
7	Y軸LMガイド	C	〃	〃
8	テーブルLMガイド	C	〃	〃
9	ラム,クランクシャフト	C	自動潤滑	補給/交換※
10	クランプ	A	油差シ	毎日
11	金型&リフターカラー	A	〃	〃
12	上下チェーン	A	油差シ	3ヶ月ニ1度
13	Y軸ギアボックス	A	オイルバス	〃
14	DU軸台形ネジ	E	自動潤滑	補給
15	エアーブロ用オイル	A	自動潤滑	調整/補給※
16	タップタレット	D	グリースニップル	1ヶ月ニ1度
17	サブショットピン(上)	B	〃	〃
18	サブショットピン(下)	B	〃	〃

記号	潤滑油	社名
A	メカニック 32	アマダ
B	アマダ グリス 2	
C	アマダ グリス EP-0	
D	アマダ グリス SRL	
E	ATM-110	

※取扱説明書参照

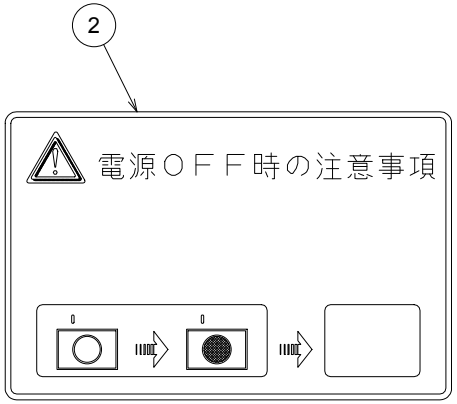
19	CPクランプ用オイル	NCA-250(アマダ)

(1) Name Plate ASSY MPT

CE00292---

Unit No. 19 Cover BF <Name Plate ASSY I>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00292---	Name Plate ASSY MPT	Index 23	1
2	74401874 / CE00293--A	Name Plate		1
3	74183309 / P334500014	Button Head Screw / JIS	M6X12	4

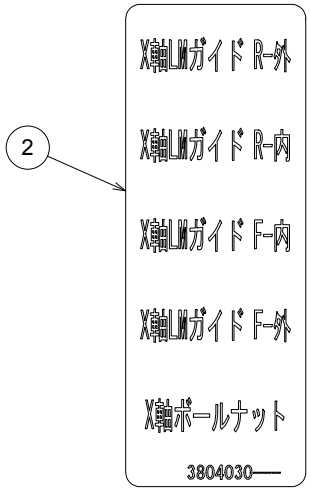


(1) Name Plate ASSY Breaker

3806868
(7213024 A)

Unit No. 20 Cover BF <Name Plate ASSY Breaker>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Name Plate ASSY Breaker		1
	3806868		Index 23	
2	74576389	Caution Plate		1
	7213024 A			
3	74379098	Charging Mark	JISB6015-80H	1
	P360200003	JIS	List Only	

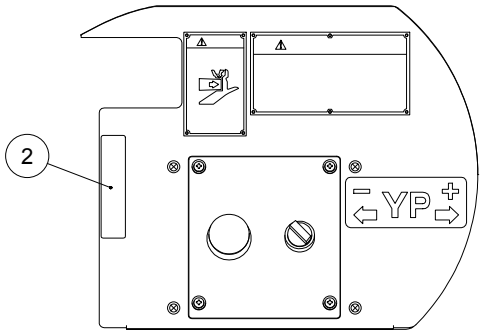


(1) Name Plate ASSY C/R

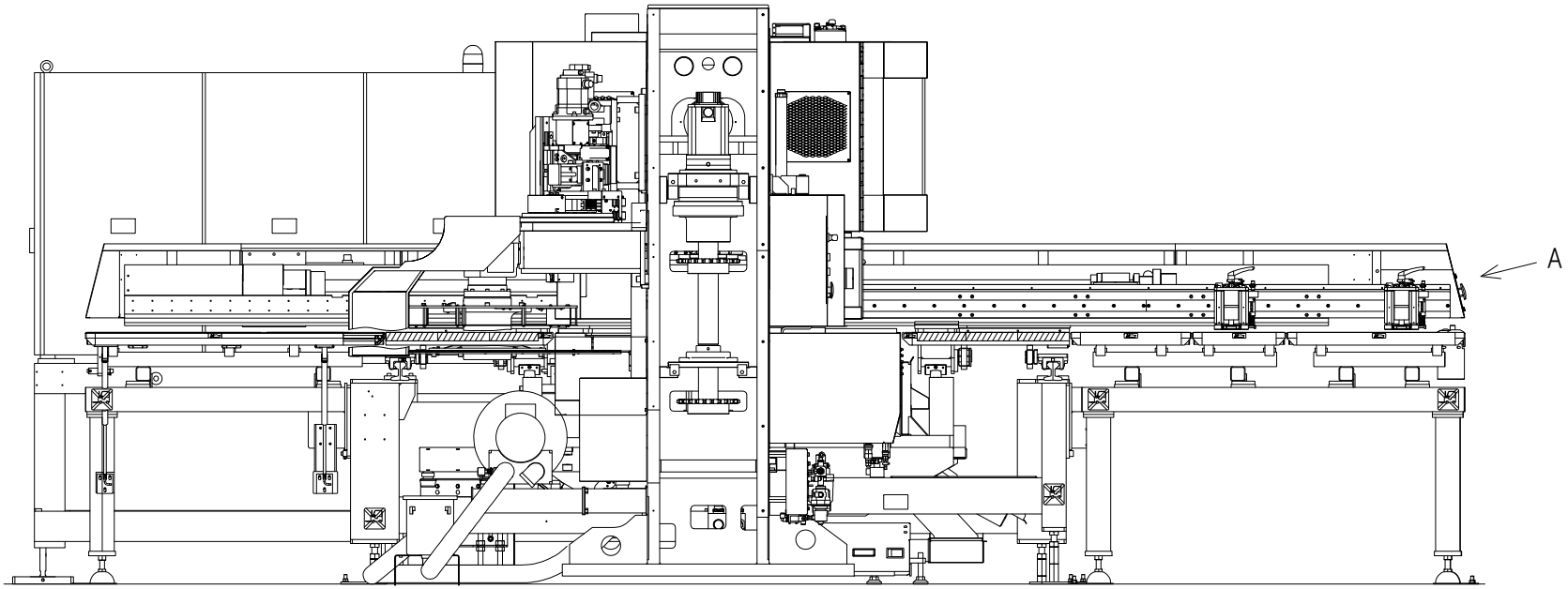
MA04821---
(3804030---)

Unit No. 21 Cover BF <Name Plate ASSY C/R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04821---	Name Plate ASSY C/R	Index 2	1
2	74901982 3804030---	Name Plate		1



VIEW A



(1) Name Plate ASSY C/P

3809564
(MA04050#2-)

Unit No. 22 Cover BF <Name Plate ASSY C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3809564	Name Plate ASSY C/P	Index 2	1
2	74902078 6820598 A	Name Plate		1

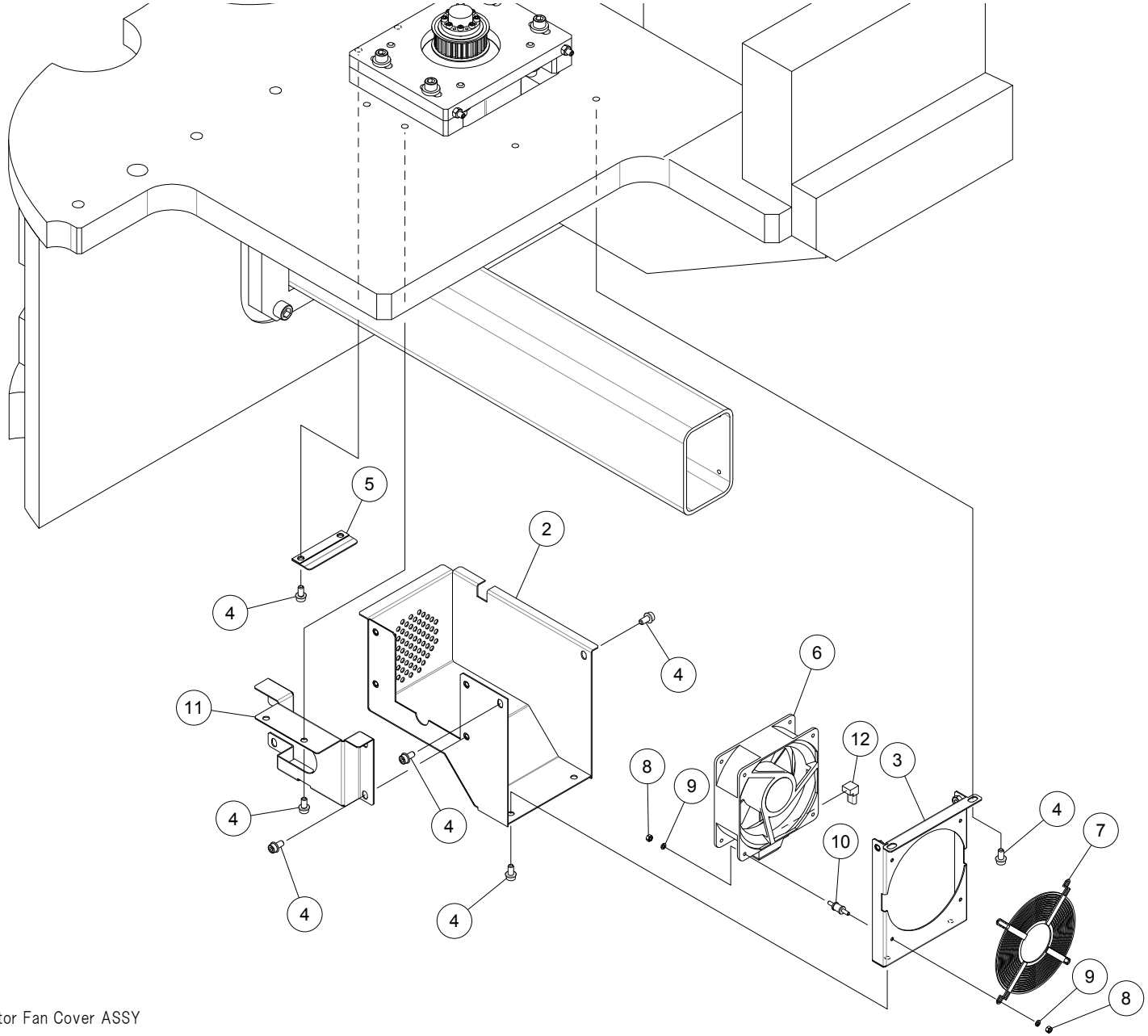
< List Only >

CE00560---

Unit No. 23 Cover BF <Turret Internal Lighting ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00560---	Turret Internal Lighting ASSY	Index 2-11	1
2	74401875 CE00561---	LED Bracket		1
3	74400597 MA07592---	LED Base		1
4	74400598 MA07593---	LED Support		2
5	74401876 CE00562---	Cable S-44		1
6	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
8	74776845 P336000092	Washer JIS	4(Normal)	4
9	74168422 P336050003	Spring Washer JIS	4	4
10	74080522 P382002092	Vibration Isolator KURASHIKI KAKO	RA-10	4
11	74400595 CE00557---	LED Module		1

Unit No. 24 Cover BF <Motor Fan Cover ASSY>

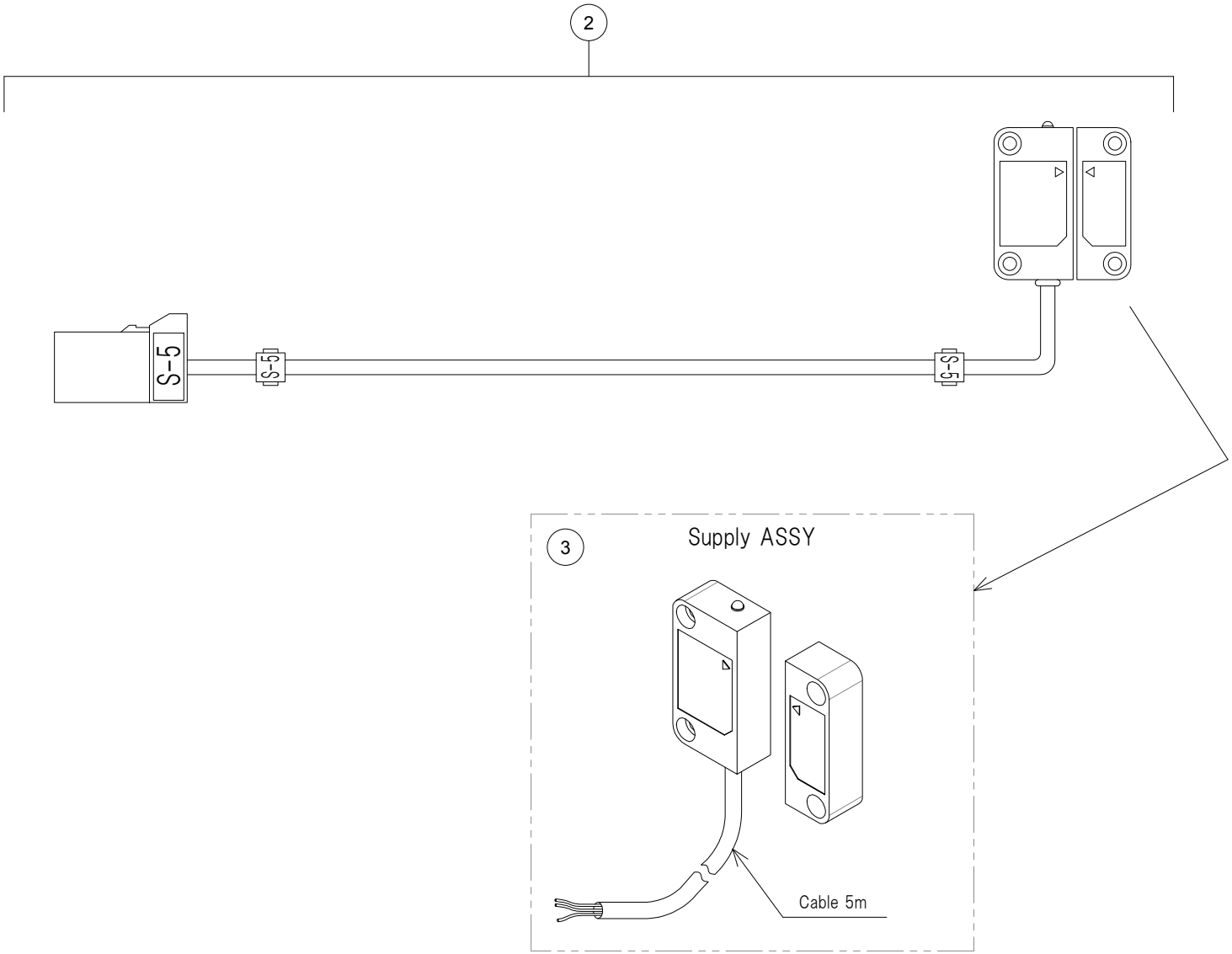


(1) Motor Fan Cover ASSY

MA04192--B

Unit No. 24 Cover BF <Motor Fan Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04192--B	Motor Fan Cover ASSY	Index 2-12	1
2	74902672 MA04934--A	Fan Cover 2		1
3	74902624 MA04195---	Fan Cover 3		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	14
5	74902513 MA03348---	Cover Supporter		1
6	74401303 P538002001	Fan SANYO Electric	109-602	1
7	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
8	74300502 P332000003	Nut JIS	M5	8
9	74300516 P336050004	Spring Washer JIS	5	8
10	74903249 P382008036	Vibration Isolator MISUMI	BGOMAC12160	4
11	74902671 MA04933---	Fan Cover 1		1
12	74902259 MA01070--A	Cable EV 75		1



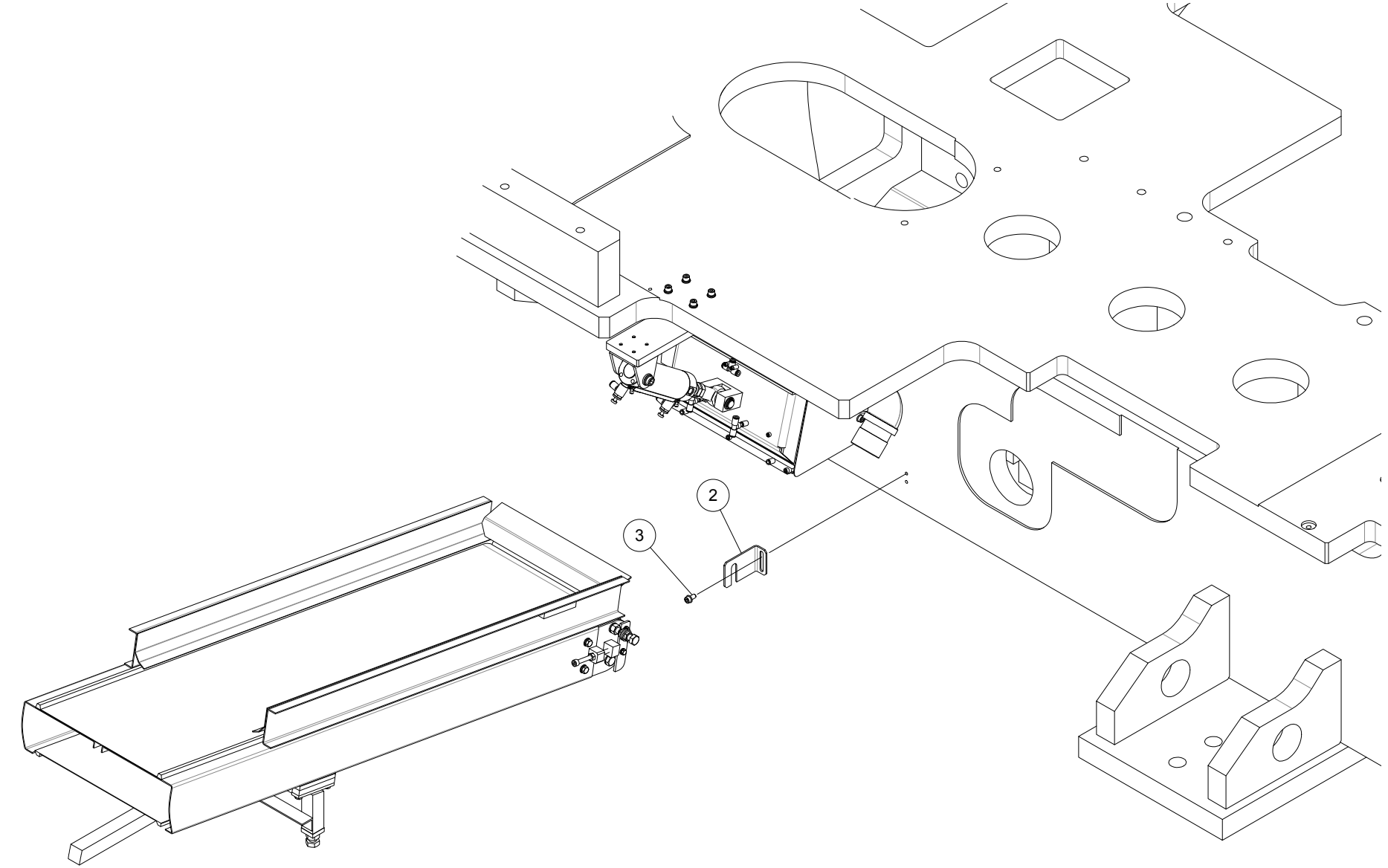
(1) Cable ASSY

MA03082---
(MA03003---)

Unit No. 25 Cover BF <Cable>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable ASSY		1
	MA03082---		Index 2	
2	74902435	Cable S-5		1
	MA03003---		with Index 3	
3	74741655	Door Switch	D40A-1C5	1
	P829602028	OMRON	SQ23	

Unit No. 26 Cover BF <Conveyor Hook ASSY>



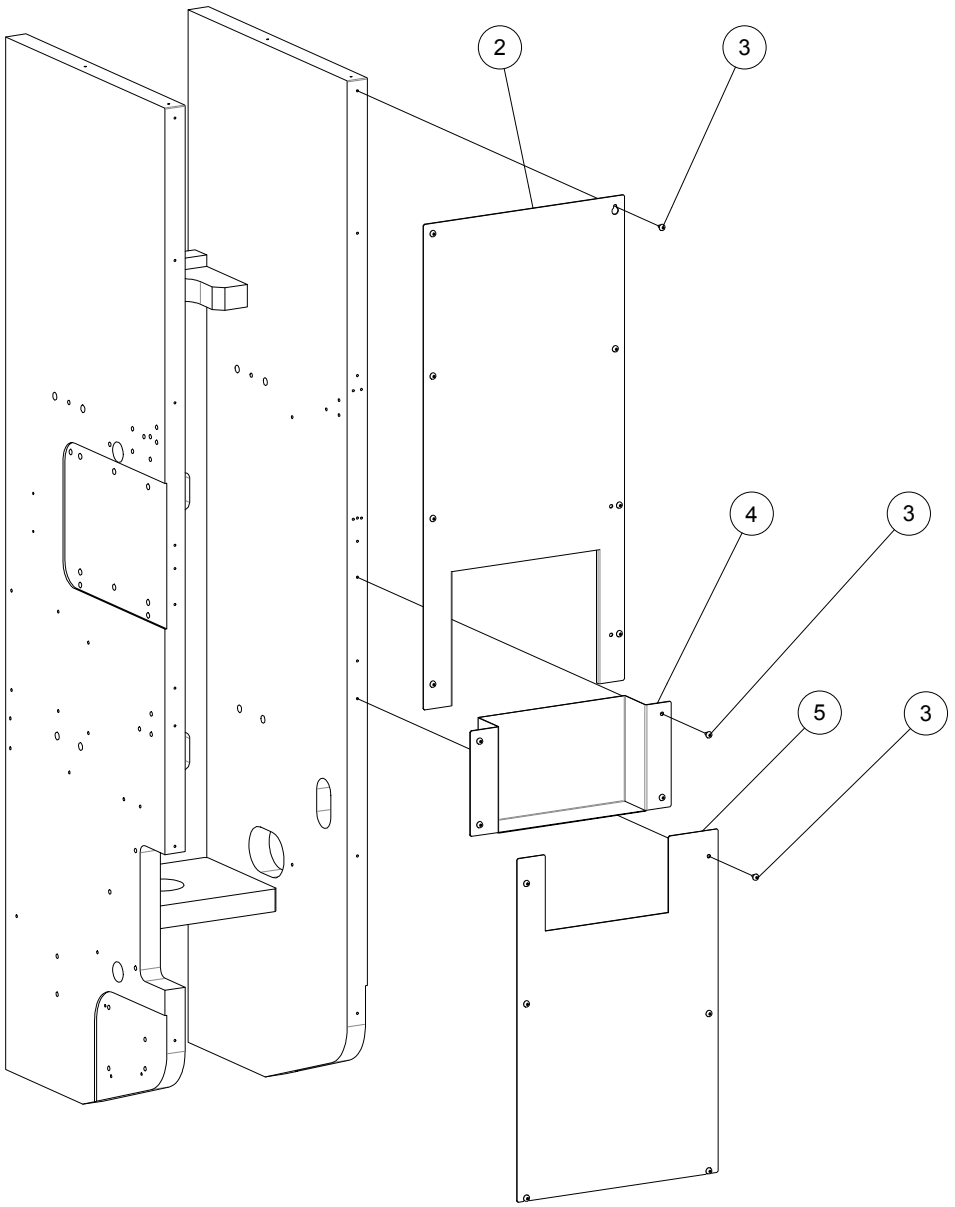
(1) Conveyor Hook ASSY

MA02727---

Unit No. 26 Cover BF <Conveyor Hook ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02727---	Conveyor Hook ASSY	Index 2-3	1
2	74902404 MA02725---	Conveyor Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2

Unit No. 27 Cover BF <Left Side Cover ASSY>



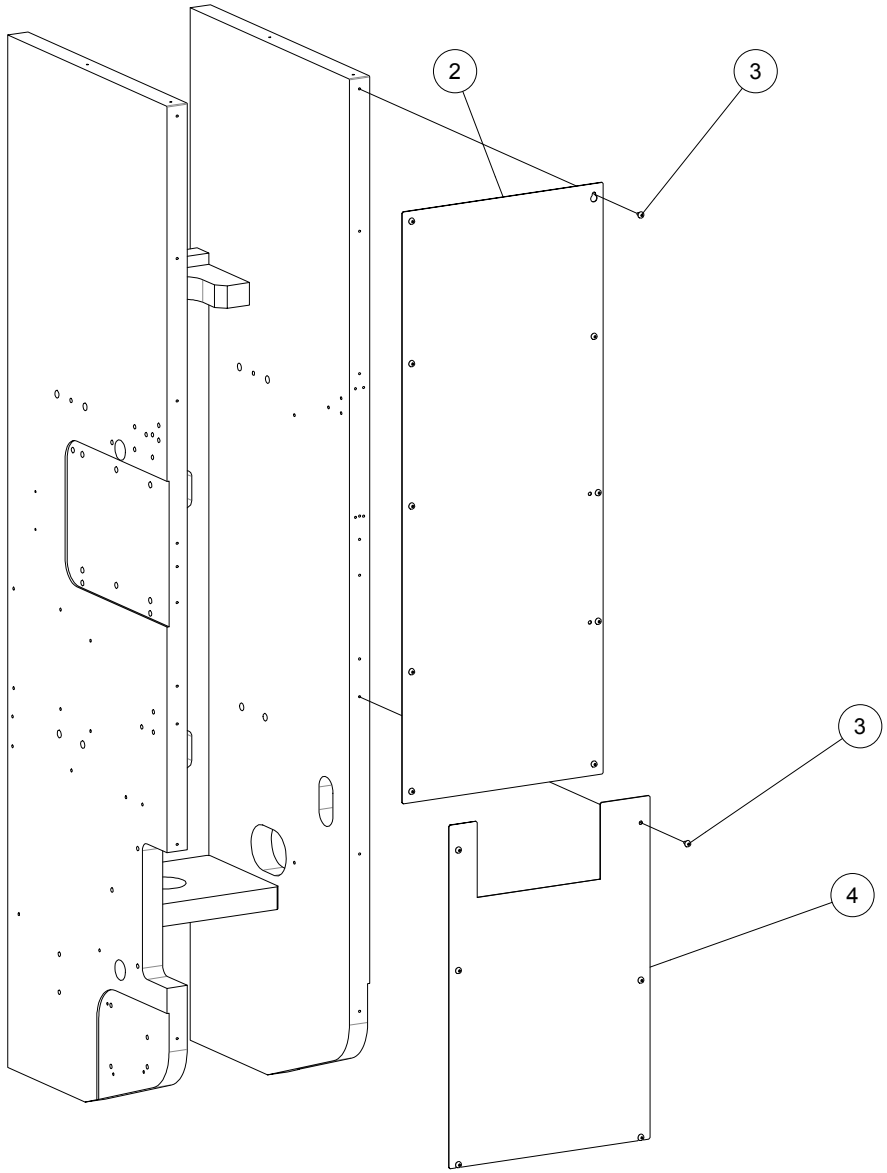
(1) Left Side Cover ASSY

MA07913---

Unit No. 27 Cover BF <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07913---	Left Side Cover ASSY	Index 2-5	1
2	74401877 / MA06357---	Left Side Cover Upper		1
3	74569504 / 7830643	Button Head Screw / MOURI	M6X12	15
4	74401878 / MA06358---	Left Side Cover Middle		1
5	74401879 / MA07914---	Left Side Cover Lower		1

Unit No. 28 Cover BF <Left Side Cover ASSY>



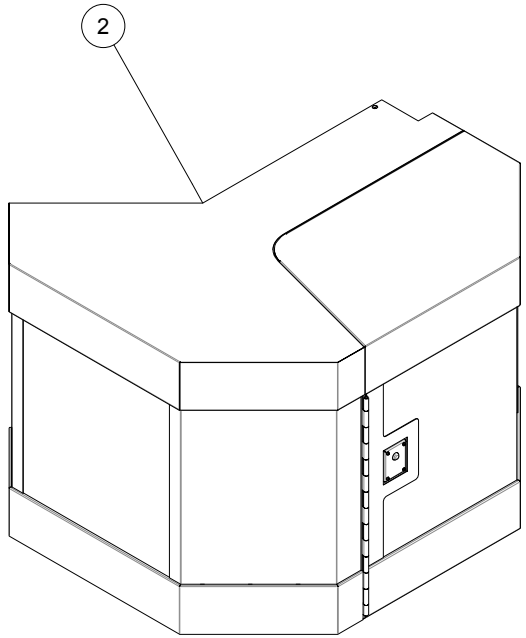
(1) Left Side Cover ASSY

MA07910---

Unit No. 28 Cover BF <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07910---	Left Side Cover ASSY	Index 2-4	1
2	74401880 / MA06337---	Left Side Cover Upper		1
3	74569504 / 7830643	Button Head Screw / MOURI	M6X12	12
4	74401879 / MA07914---	Left Side Cover Lower		1

Unit No. 29 Cover BF <Buffer Cover ASSY>



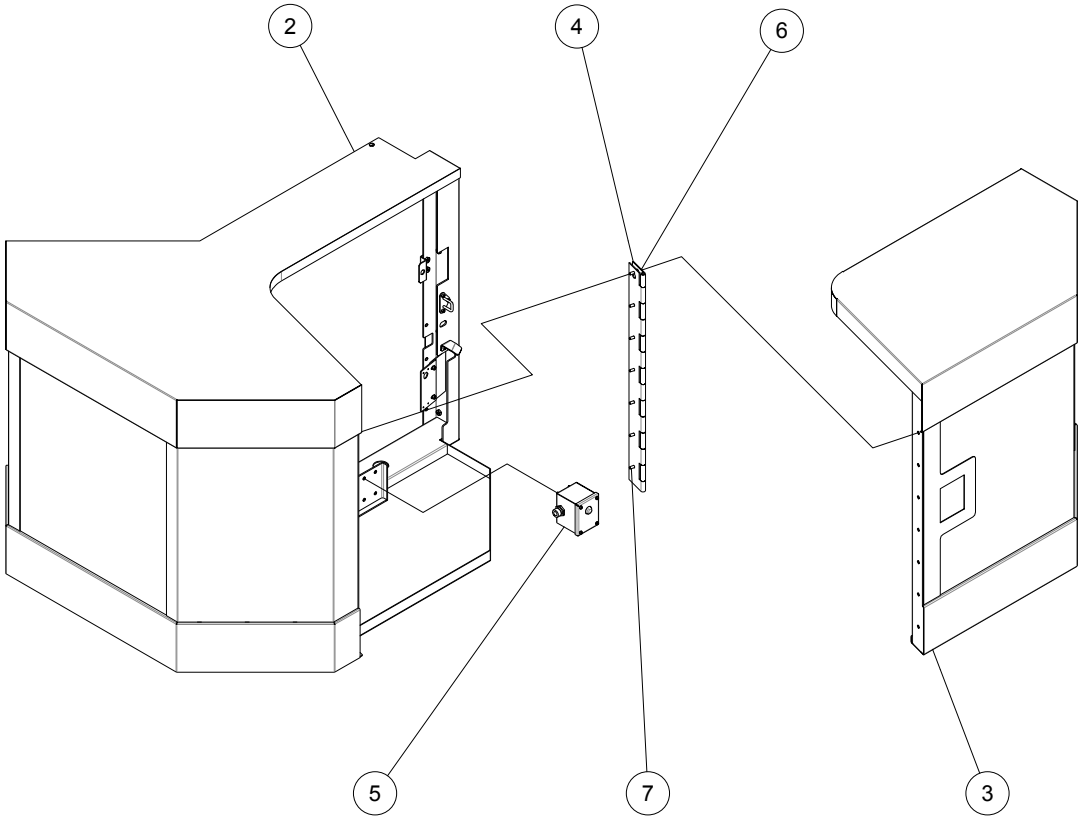
(1) Buffer Cover ASSY

MA08100---

Unit No. 29 Cover BF <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08100---	Buffer Cover ASSY	Index 23	1
2	MA07040--A	Buffer Cover ASSY		1
3	MA08101---	Buffer Cover Bracket ASSY	List Only	1

Unit No. 30 Cover BF <Buffer Cover ASSY>



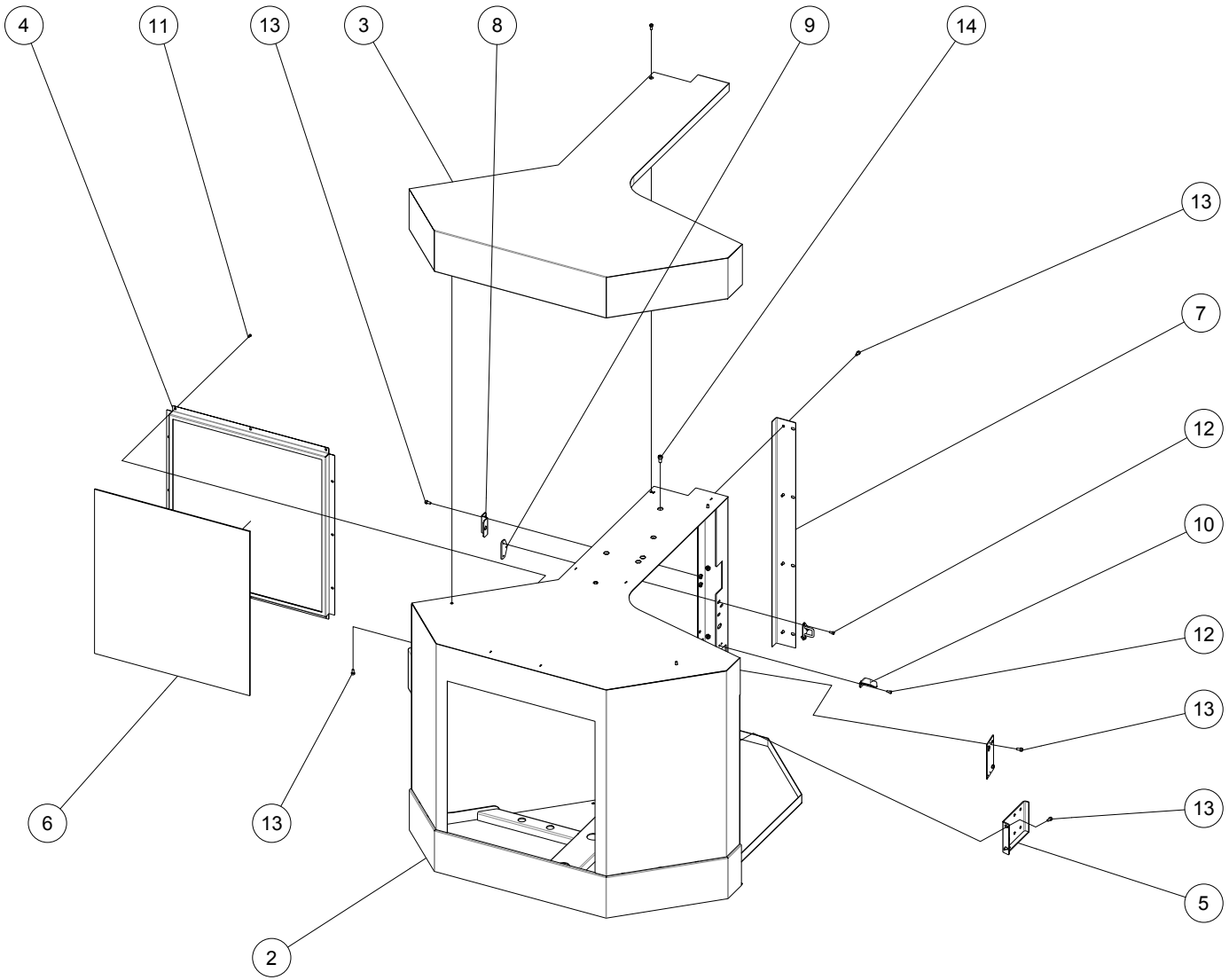
(1) Buffer Cover ASSY

MA07040--A

Unit No. 30 Cover BF <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07040--A	Buffer Cover ASSY	Index 2-7	1
2	MA07041--A	Buffer Body ASSY		1
3	MA07046---	Buffer Door ASSY		1
4	74401881 MA07055---	Hinge		1
5	MA07060---	Auxiliary Switch Box ASSY		1
6	74903157 P334520069	Flat Head Bolt	M6X12(Trivalent Chromate Black)	7
7	74903152 P334500109	Button Head Screw	M6X15(Trivalent Chromate Black)	7

Unit No. 31 Cover BF <Buffer Body ASSY>



(1) Buffer Body ASSY

MA07041--A

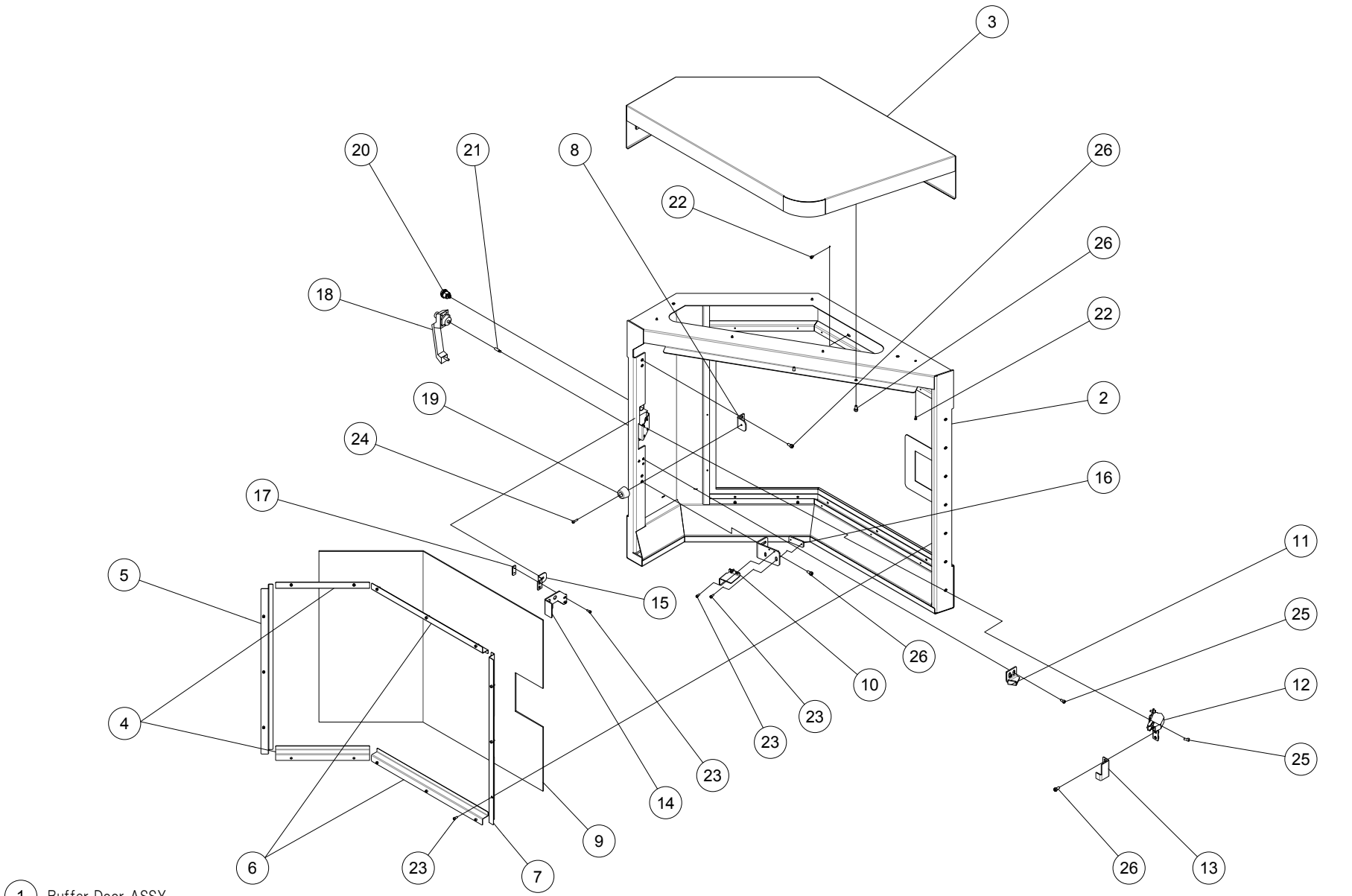
Unit No. 31 Cover BF <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07041--A	Buffer Body ASSY	Index 2-14	1
2	74401882 / MA07042--A	Buffer Body 1		1
3	74401883 / MA07043---	Buffer Body 2		1
4	74401884 / MA07044---	Panel Bracket 1		1
5	74401885 / MA07045---	SW Box Bracket		1
6	74401886 / MA07058---	Window 1		1
7	74401887 / MA07677---	Feeler Cover		1
8	74401888 / MA07663---	Sensor Bracket		1
9	74901675 / MA05766---	Square Nut 3		1
10	74401889 / MA07664---	Support Bracket 2		1
11	74314401 / P330200015	Hex Socket Cap Screw	M4X10	12
12	74183604 / P330210003	Hex Socket Cap Screw	M5X10	5

Unit No. 31 Cover BF <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	14
14	74901422 P330468059	Flange Socket Bolt NISSAN NEJI	M8X15(Trivalent Chromium Black)	5

Unit No. 32 Cover BF <Buffer Door ASSY>



1 Buffer Door ASSY

MA07046---

Unit No. 32 Cover BF <Buffer Door ASSY>

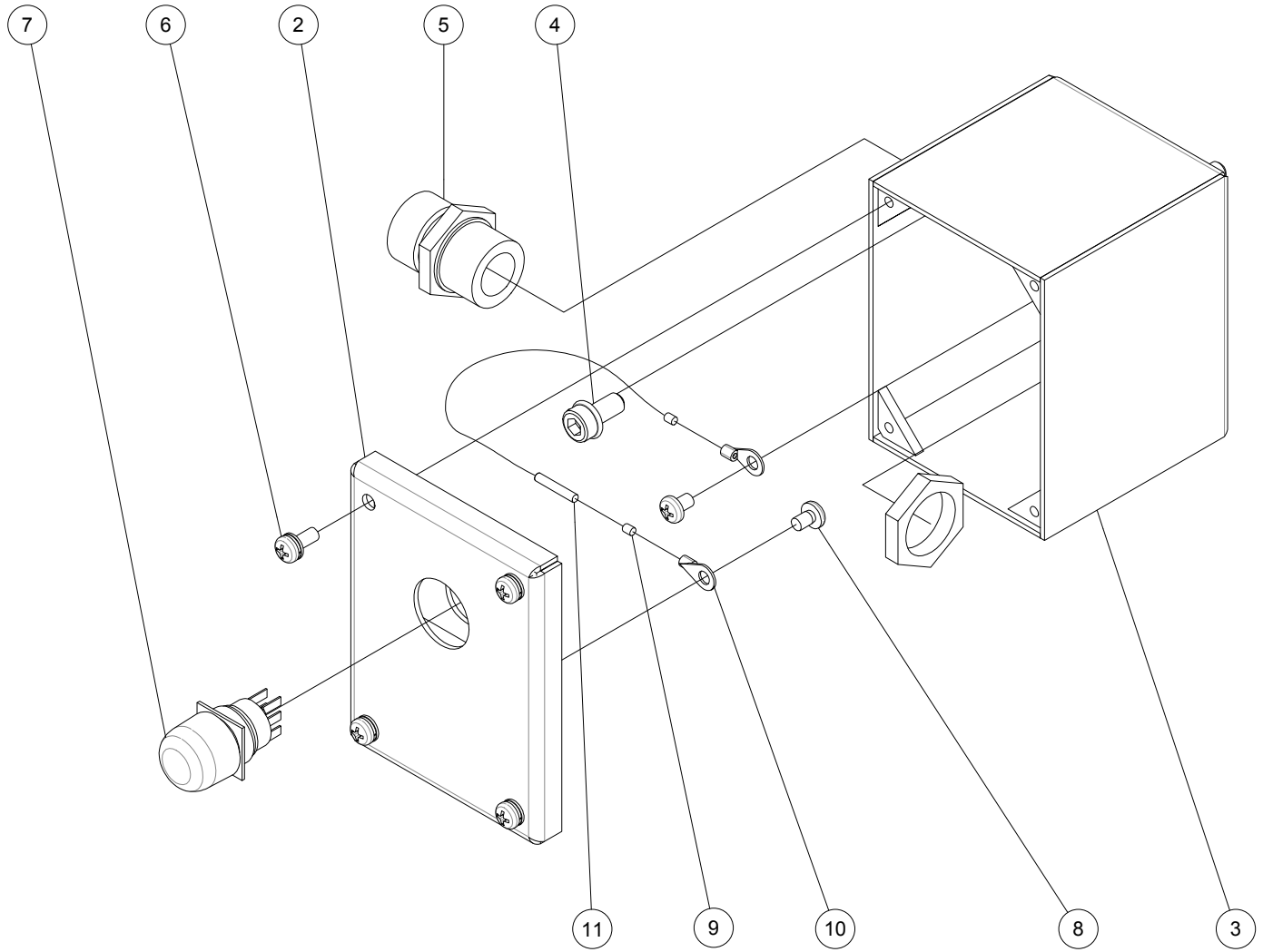
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07046---	Buffer Door ASSY	Index 2-26	1
2	74401890 / MA07047---	Buffer Door 1		1
3	74401891 / MA07048---	Buffer Door 2		1
4	74401892 / MA07050---	Panel Bracket 3		2
5	74401893 / MA07051---	Panel Bracket 4		1
6	74401894 / MA07052---	Panel Bracket 5		2
7	74401895 / MA07053---	Panel Bracket 6		1
8	74401896 / MA07054---	Bracket 1		1
9	74401897 / MA07059---	Window 2		1
10	74401898 / MA07665---	SW Cover		1
11	74401899 / MA07666---	Support Bracket 3		1
12	74401900 / MA07668---	SW Parts		1

Unit No. 32 Cover BF <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401902 MA07669---	Sensor Bracket 2		1
14	74401903 MA07670---	Sensor Bracket 3		1
15	74901713 MA06922---	Door Bracket 2		1
16	74401904 MA06289---	Switch Nut Plate		1
17	74901673 MA05762---	Square Nut 2		1
18	74901418 P317022015	Door Handle TAKIGEN	A-870-P	1
19	74901416 P229102041	Rubber Support TAKIGEN	C-30-RK-3220-UL	1
20	74470794 P317482006	Lock for Door TAKIGEN	C-178-T Copper Plate	1
21	74401905 P317198001	Accessory for Grip TAKIGEN	AC-1025-PR	1
22	74577713 P330468053	Flange Socket Bolt NISSAN NEJI	M4X6	8
23	74314401 P330200015	Hex Socket Cap Screw	M4X10	22
24	74183601 P330200018	Hex Socket Cap Screw	M4X15	1

Unit No. 32 Cover BF <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
26	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	8



(1) Auxiliary Switch Box ASSY

MA07060---

Unit No. 33 Cover BF <Auxiliary Switch Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Auxiliary Switch Box ASSY		1
	MA07060---		Index 2-11	
2	74902362	Lid		1
	MA02637---			
3	74401907	Switch Box		1
	MA07061---			
4	74901423	Flange Socket Bolt	M6X12(Trivalent Chromium Black)	4
	P330468062	NISSAN NEJI		
5	74723041	Accessory for Conduit	NC-1 (Cord Lock)	1
	P866108009	NICS		
6	74570030	Sems Pan Head Screw	M4X10(Chromate P-4)	4
	P334200115	SANKO Industry		
7	74903424	Enabling Switch	HE5B-M2PN1	1
	P826198005	IDEC		
8	74183225	Pan Head Screw	M4X6	3
	P334100016	JIS		
9	74489972	Marker Tube	1.25	2
	P869220210			
10	74553818	Solderless Terminal	R1.25-4	2
	P869200003			
11	74810602	Vinyl Cord	KIV0.75X250(Y/G)	1
	QZZ040413			

< List Only >

MA08101---

Unit No. 34 Cover BF <Buffer Cover Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08101---	Buffer Cover Bracket ASSY	Index 2-10	1
2	74401908 MA07057---	Bracket 35		1
3	74901422 P330468059	Flange Socket Bolt NISSAN NEJI	M8X15(Trivalent Chromium Black)	2
4	74903130 P330468035	Flange Socket Bolt NISSAN NEJI	M12X20	4
5	74354423 P330240014	Hex Socket Cap Screw	M10X60	3
6	74300519 P336050007	Spring Washer JIS	10	3
7	74183029 P336000007	Washer JIS	10(Normal)	9
8	74716061 P332000032	Nut JIS	M10(Type-1)	6
9	74401909 WA00689---	Panel Box		1
10	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	2

< List Only >

CE00299---

Unit No. 35 Cover BF EX <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00299---	Frame Cover ASSY	Index 2-44	1
2	74379001 0819106 A	Fan Cover		1
3	74902125 7833093---	Fan Hitachi IES	PN-254-002SHA	1
4	74563179 P334500062	Button Head Screw	M6X30	8
5	74400549 6828479--A	Top Cover		1
6	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
7	74183103 P336050006	Spring Washer JIS	8	4
8	74183027 P336000006	Washer JIS	8(Normal)	4
9	74417105 6876550	Rubber Cushion		4
10	74776796 P332000005	Nut JIS	M8	4
11	74417106 6876551	Base Bracket 1	F50X6	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 35 Cover BF EX <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	4
14	74183027 P336000006	Washer JIS	8(Normal)	4
15	74417107 6876552	Base Bracket 2	F50X6	2
16	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
17	74183103 P336050006	Spring Washer JIS	8	4
18	74183027 P336000006	Washer JIS	8(Normal)	4
19	74417108 6876553	Bar	F32X6-380	2
20	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
21	74183103 P336050006	Spring Washer JIS	8	4
22	74183027 P336000006	Washer JIS	8(Normal)	4
23	74450050 7833089	Axial Flow Blower TOAMEC	SF200-40-3 200V	2
24	74400551 6013896--B	Seal Flange		2

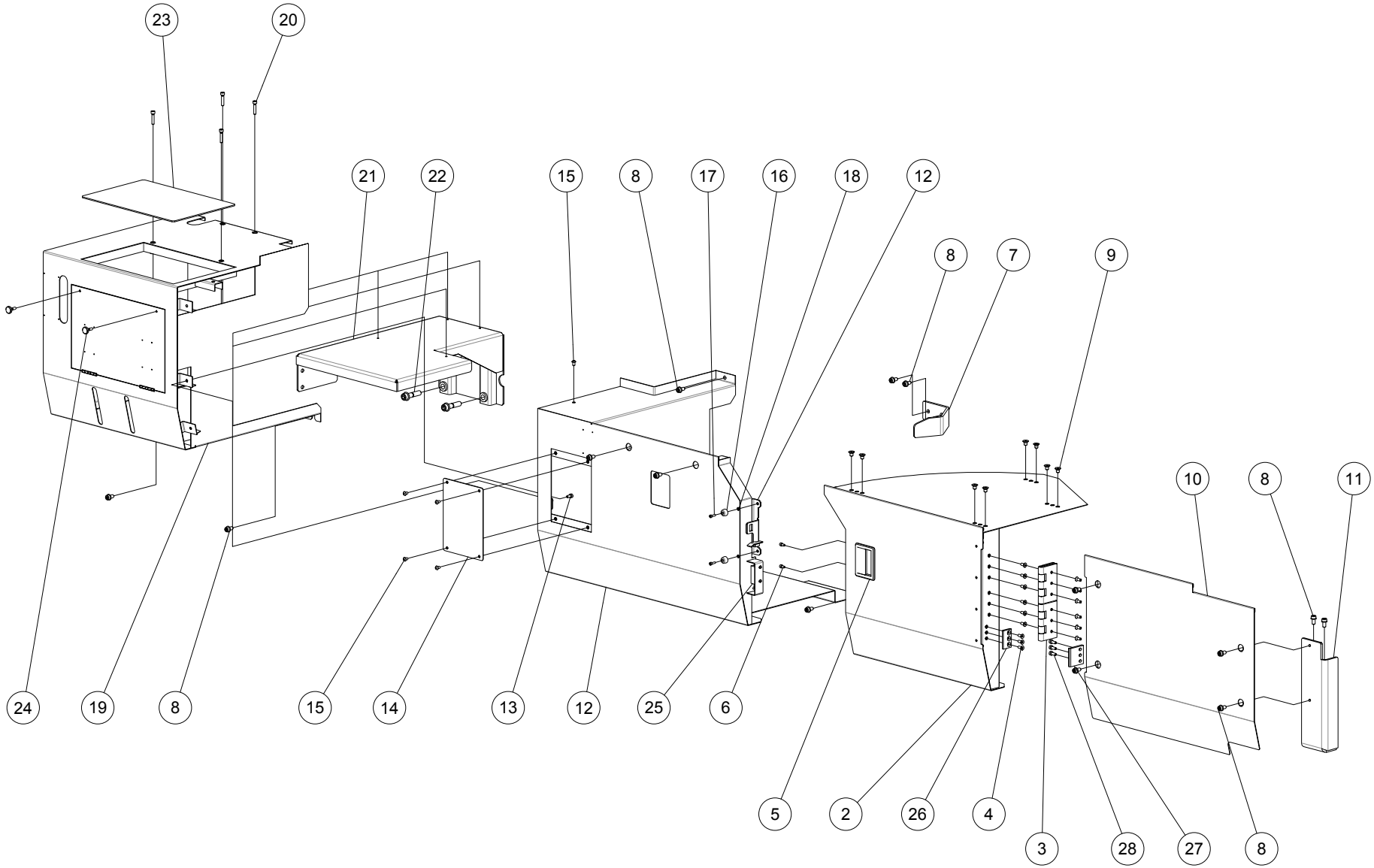
Unit No. 35 Cover BF EX <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74415265 P590175019	Oil Seal SIEGLING	V-8A	2
26	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	12
27	74902405 MA02777---	Top Cover Center		2
28	74569504 7830643	Button Head Screw MOURI	M6X12	12
29	74401849 CE00287---	Top Cover (Center Right)		1
30	74569504 7830643	Button Head Screw MOURI	M6X12	6
31	74902407 MA02779---	Top Cover (Right Hook)		1
32	74569504 7830643	Button Head Screw MOURI	M6X12	6
33	74902408 MA02780---	Top Cover (Right Side)		1
34	74569504 7830643	Button Head Screw MOURI	M6X12	6
35	74401850 CE00288---	Top Cover (Left Hook)		2
36	74569504 7830643	Button Head Screw MOURI	M6X12	12

Unit No. 35 Cover BF EX <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74401851 CE00260---	Right Side Cover Upper		1
38	74569504 7830643	Button Head Screw MOURI	M6X12	6
39	74401852 CE00261---	Right Side Under Cover		1
40	74569504 7830643	Button Head Screw MOURI	M6X12	6
41	74902415 MA02808---	Air Blower Cover		1
42	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
43	74417187 6876593	Stud (Unit)	H22	2
44	74776785 P330550043	Socket Set Screw JIS	M8X30(Flat Point)	2

Unit No. 36 Cover BF EX <Lower Turret Cover ASSY F>



(1) Lower Turret Cover ASSY F

CE00278---
(CE00240--A)

Unit No. 36 Cover BF EX <Lower Turret Cover ASSY F>

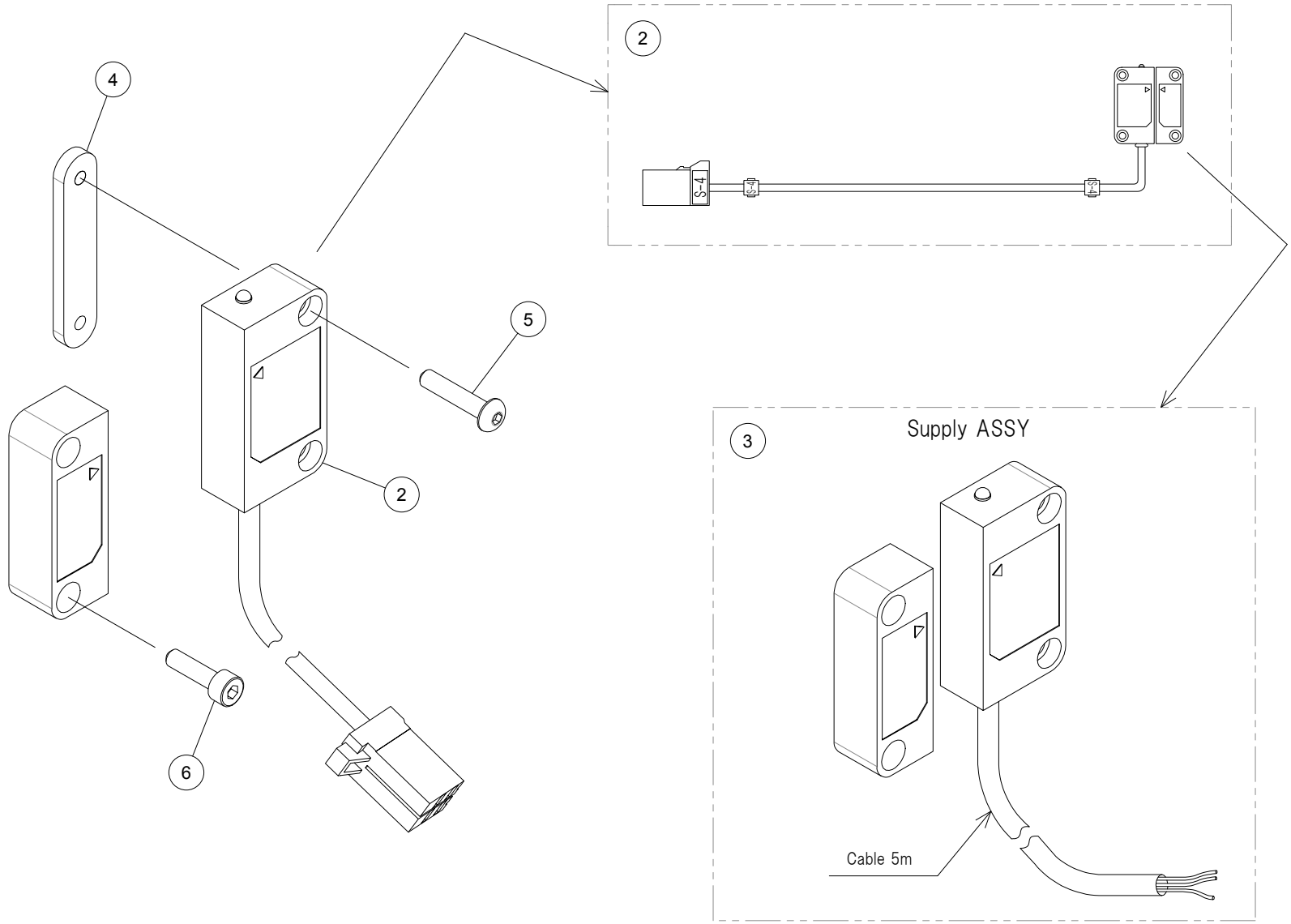
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00278---	Lower Turret Cover ASSY F	Index 2-28	1
2	74401853 CE00296---	Lower Turret Door		1
3	74776710 P313322003	Hinge TAKIGEN	B-1064-1	2
4	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	15
5	74419420 P317012022	Door Handle TAKIGEN	A-151R-2-2	1
6	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
7	74902421 MA02918--B	Lower Turret Door Holder		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	15
9	74903155 P334520057	Flat Head Bolt NISSAN NEJI	M8X12	8
10	74401854 CE00297---	Cover F		1
11	74902423 MA02926--B	Front Cover Bracket		1
12	74401855 CE00279---	Working Table Cover Right		1

Unit No. 36 Cover BF EX <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	3
14	74401856 CE00280---	Working Table Cover Plate		1
15	74183302 P334500013	Button Head Screw	M6X10	5
16	74300805 P229102002	Rubber Support TAKIGEN	C-30-RK-18	2
17	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
18	74183022 P336000003	Washer JIS	4(Small Round)	2
19	74401857 MA04196--A	Working Table Cover Left		1
20	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
21	74401858 MA03325--A	Working Table		1
22	74564606 P330468038	Flange Socket Bolt NISSAN NEJI	M12X50	4
23	74812702 3809778	Rubber Mat		1
24	74419683 6879264	Finger Screw		2

Unit No. 36 Cover BF EX <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	MA02920---	Door for Exchange LS ASSY		1
26	74401859 CE00243---	Stopper 1		1
27	74401860 CE00244---	Stopper 2		1
28	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	3

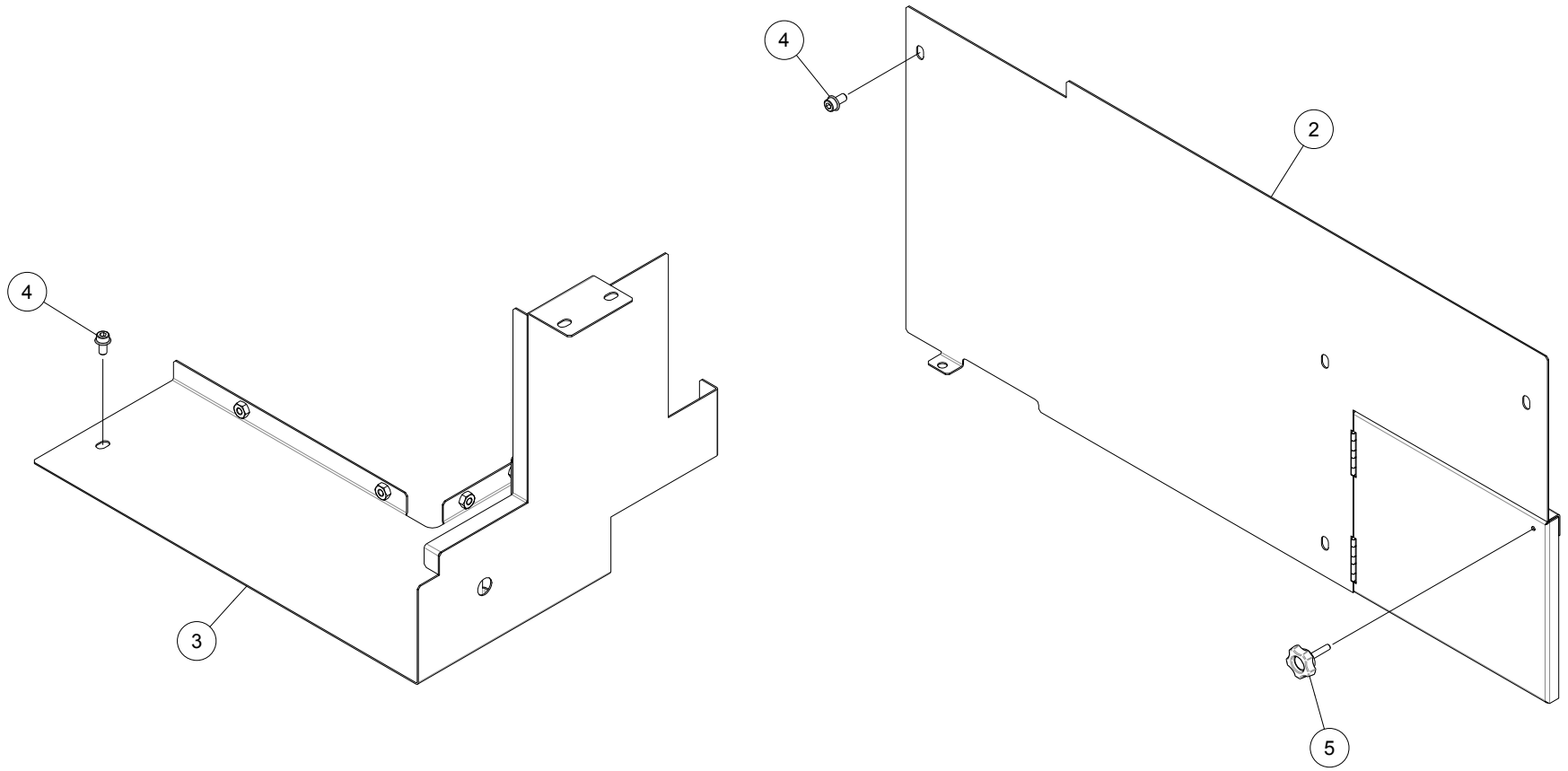


(1) Door for Exchange LS ASSY

MA02920---

Unit No. 37 Cover BF EX <Door for Exchange LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Door for Exchange LS ASSY		1
	MA02920---		Index 2-6	
2	74902422	Cable S-4		1
	MA02919--A		with Index 3	
3	74741655	Door Switch	D40A-1C5	1
	P829602028	OMRON	SQ22	
4	74741652	Square Nut		1
	3804224			
5	74576882	Button Head Screw	M4X20	2
	P334500027	JIS		
6	74183601	Hex Socket Cap Screw	M4X15	2
	P330200018			

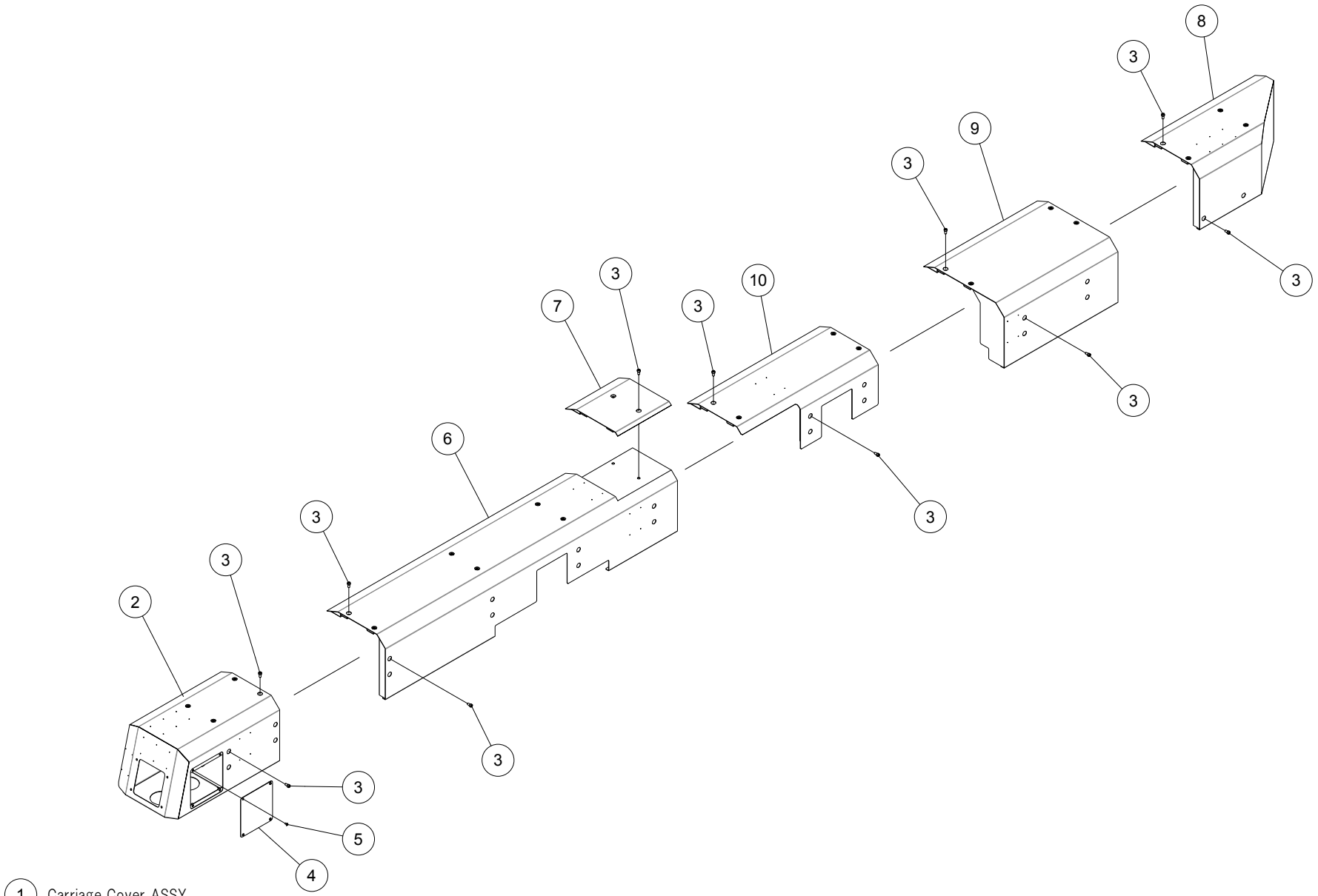


(1) Lower Turret Cover ASSY R

CE00281---

Unit No. 38 Cover BF EX <Lower Turret Cover ASSY R>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE00281---	Lower Turret Cover ASSY R	 Index 2-5	1
2	74902691 MA05006---	Lower Turret Cover R1		1
3	74401861 CE00282---	Lower Turret Cover R2		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	9
5	74419683 6879264	Finger Screw		1

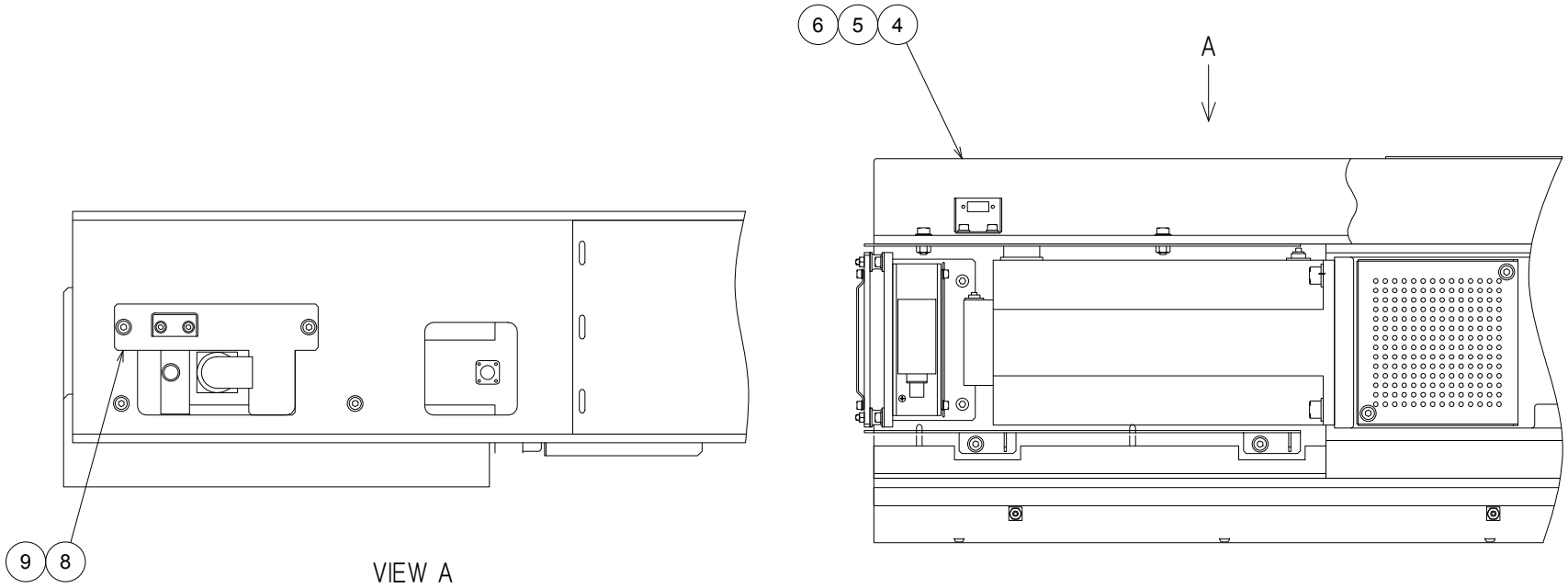


1 Carriage Cover ASSY

CE01360---

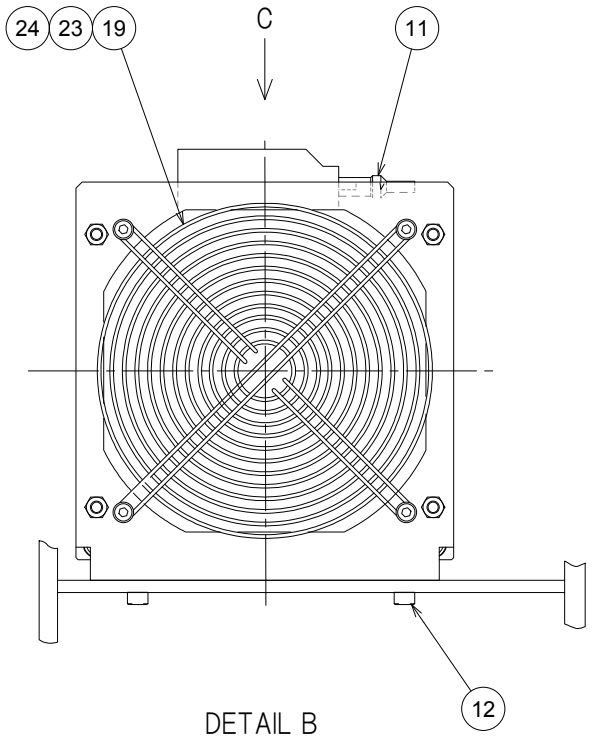
Unit No. 39 Cover BF EX <Carriage Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01360---	Carriage Cover ASSY	Index 2-10	1
2	74401862 CE01361---	Carriage Cover F1		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	46
4	74401863 CE01362---	Carriage Cover F1 Maintenance Lid		1
5	74183302 P334500013	Button Head Screw	M6X10	4
6	74401864 CE01363---	Carriage Cover F2		1
7	74401865 CE01364---	Carriage Cover F2 Lid		1
8	74401866 CE01365---	Carriage Cover R1		1
9	74401867 CE01366---	Carriage Cover R2		1
10	74401868 CE01367---	Wiring Cover		1

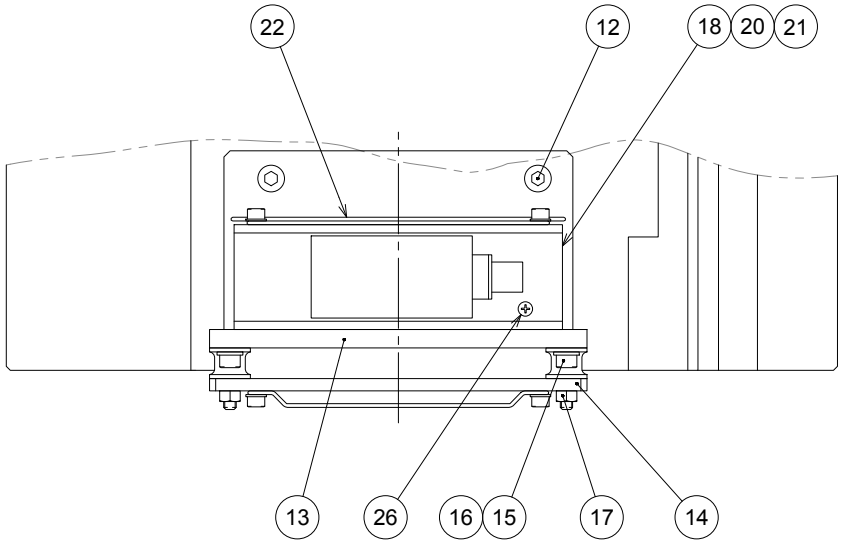


(1) X-axis Fan Installation

CE01350---
(6877384--B)



DETAIL B



VIEW C

(10) X-axis Fan ASSY

CE01350---
(6877384--B)

Unit No. 40 Cover BF EX <X-axis Fan Installation>

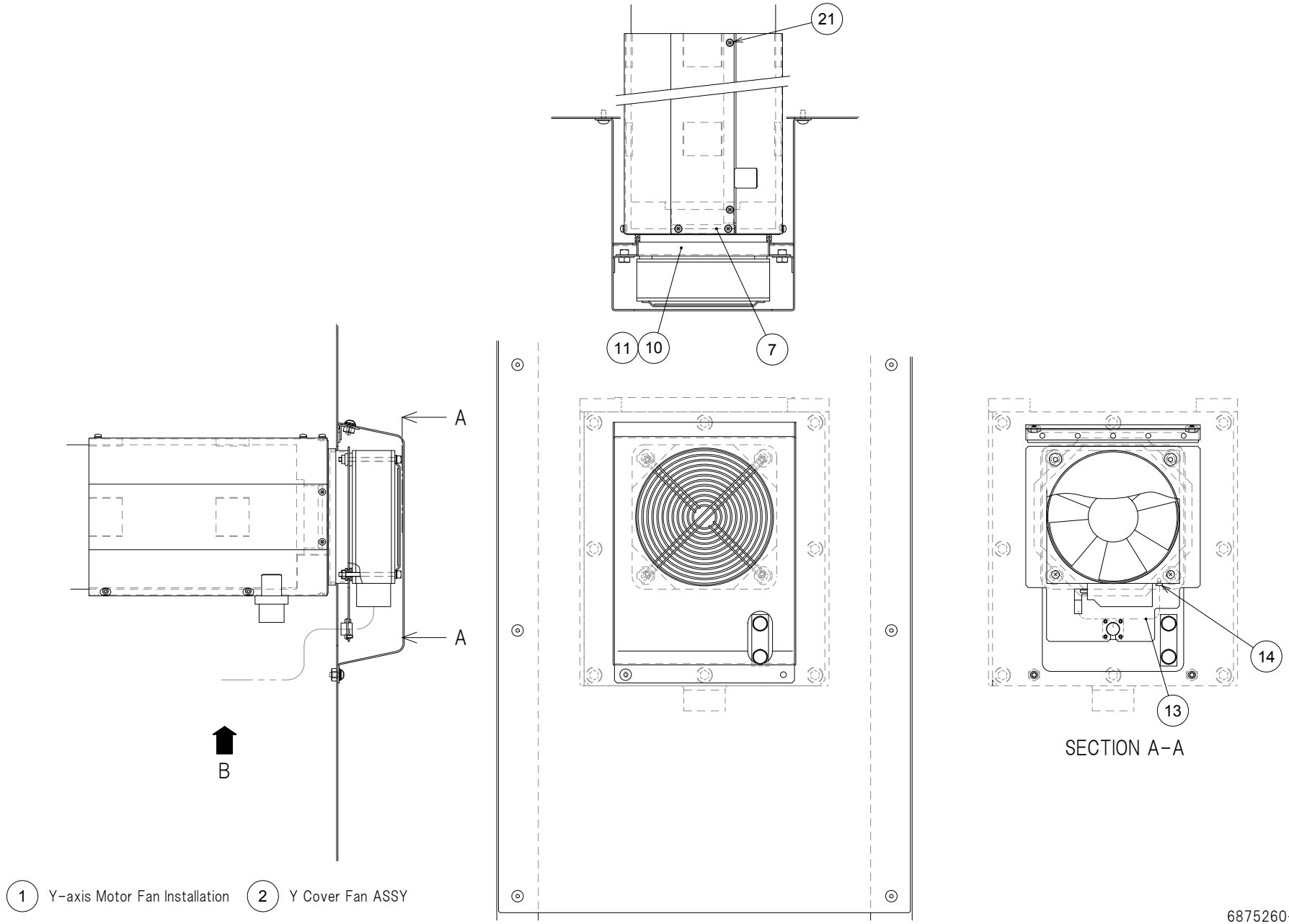
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01350---	X-axis Fan Installation	Index 2-26	1
2	74417155 6874404	Fan Cover		1
3	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	4
4	74400576 6873348--A	CN Bracket		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74159714 P336000005	Washer JIS	6(Normal)	2
7	74569473 P381058104	Cable Band KITAGAWA	SKB-85MM	2
8	74419619 6874372	Lid CN		1
9	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	2
10	CE01351---	X-axis Fan ASSY	Index 11-26	1
11	74401869 CE01352---	Fan Bracket A		1
12	74183621 P330230006	Hex Socket Cap Screw	M8X20	4

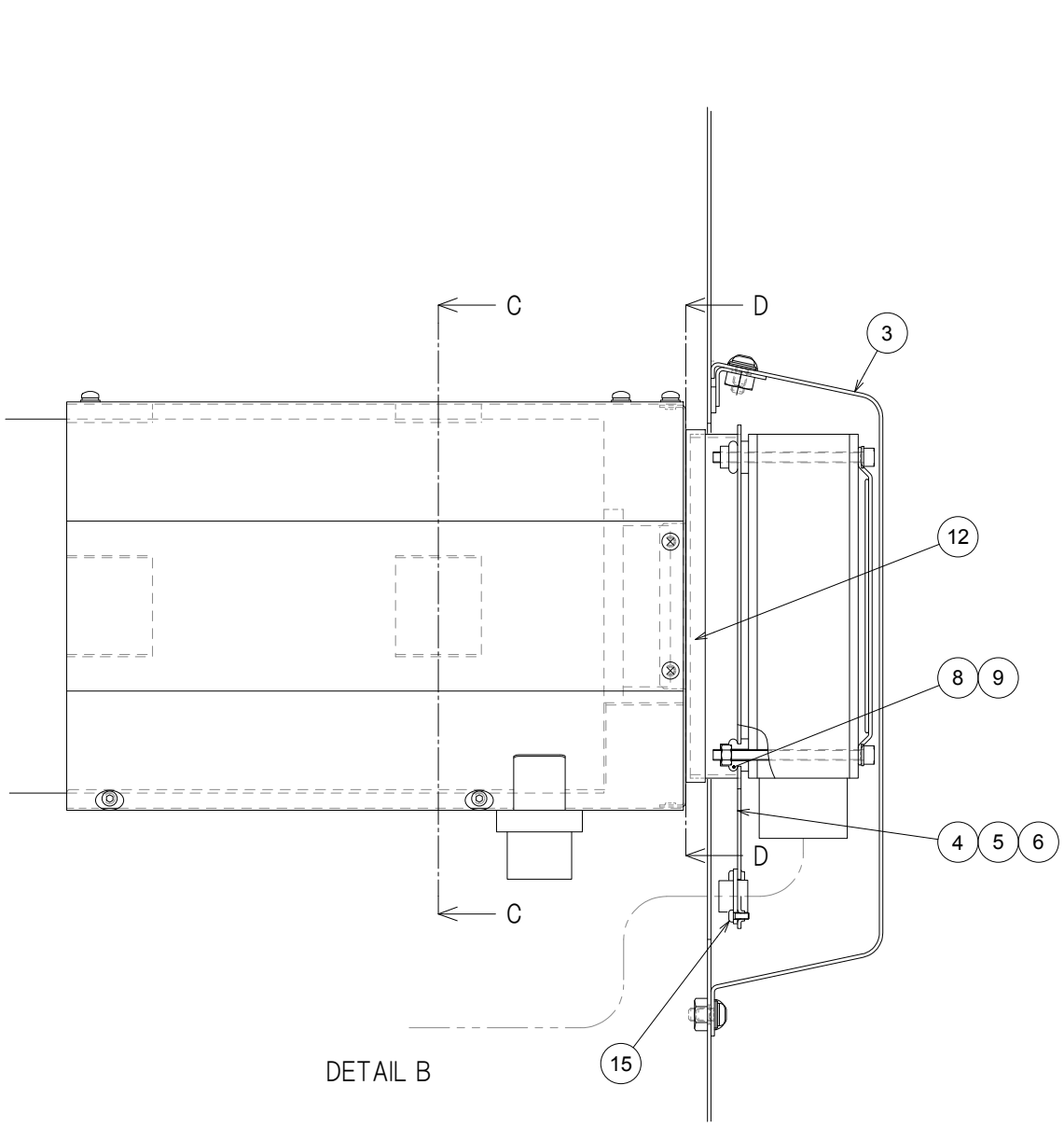
Unit No. 40 Cover BF EX <X-axis Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417159 6874403	Fan Bracket B		1
14	74564902 P382002022	Vibration Isolator KURASHIKI KAKO	KB-20	4
15	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	8
16	74159714 P336000005	Washer JIS	6(Normal)	8
17	74776801 P332000030	Nut JIS	M6(Type-1)	4
18	74401303 P538002001	Fan SANYO Electric	109-602	1
19	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
20	74354316 P330210017	Hex Socket Cap Screw	M5X60	4
21	74776840 P336000080	Washer	5(Normal)	4
22	74415339 P538072014	Accessory for Fan SANYO Electric	109-620	1
23	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
24	74776840 P336000080	Washer	5(Normal)	4

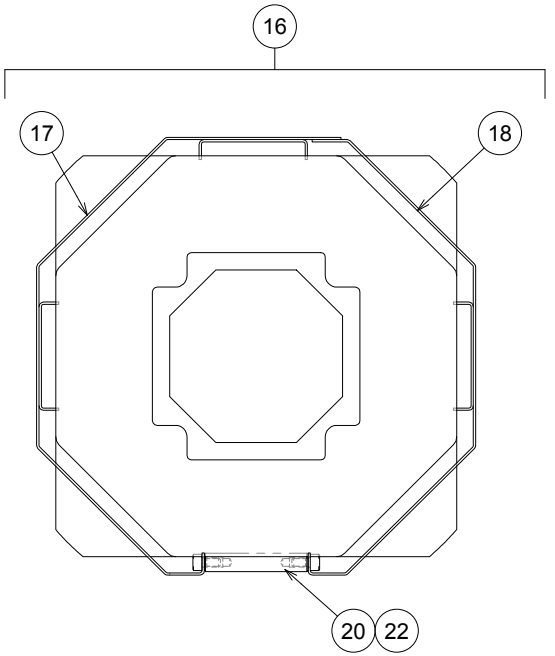
Unit No. 40 Cover BF EX <X-axis Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902439 MA03007---	Cable EV42-1		1
26	74307621 P334100015	Pan Head Screw JIS	M4X5	1

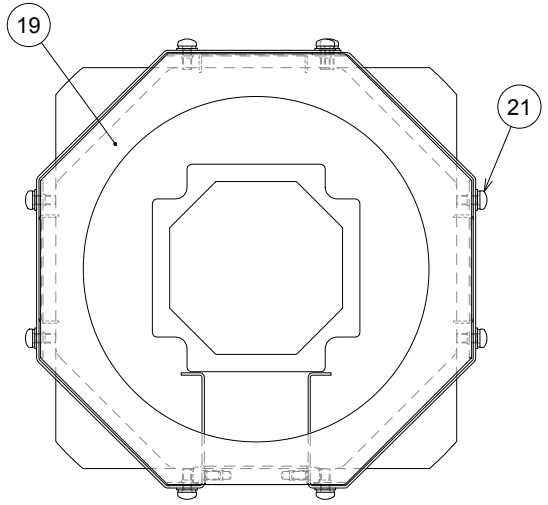

21
11
10
7
A
A
B
14
13
SECTION A-A
1 Y-axis Motor Fan Installation
2 Y Cover Fan ASSY
6875260--A



DETAIL B



SECTION C-C



SECTION D-D

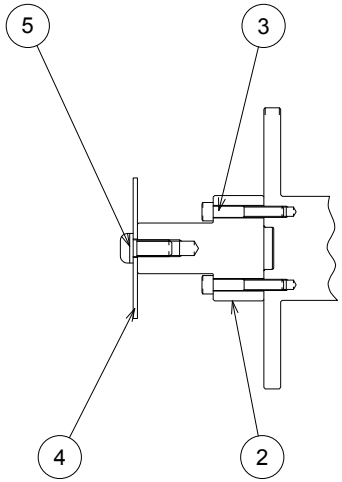
6875260--A

Unit No. 41 Cover BF EX <Y-axis Motor Fan Installation>

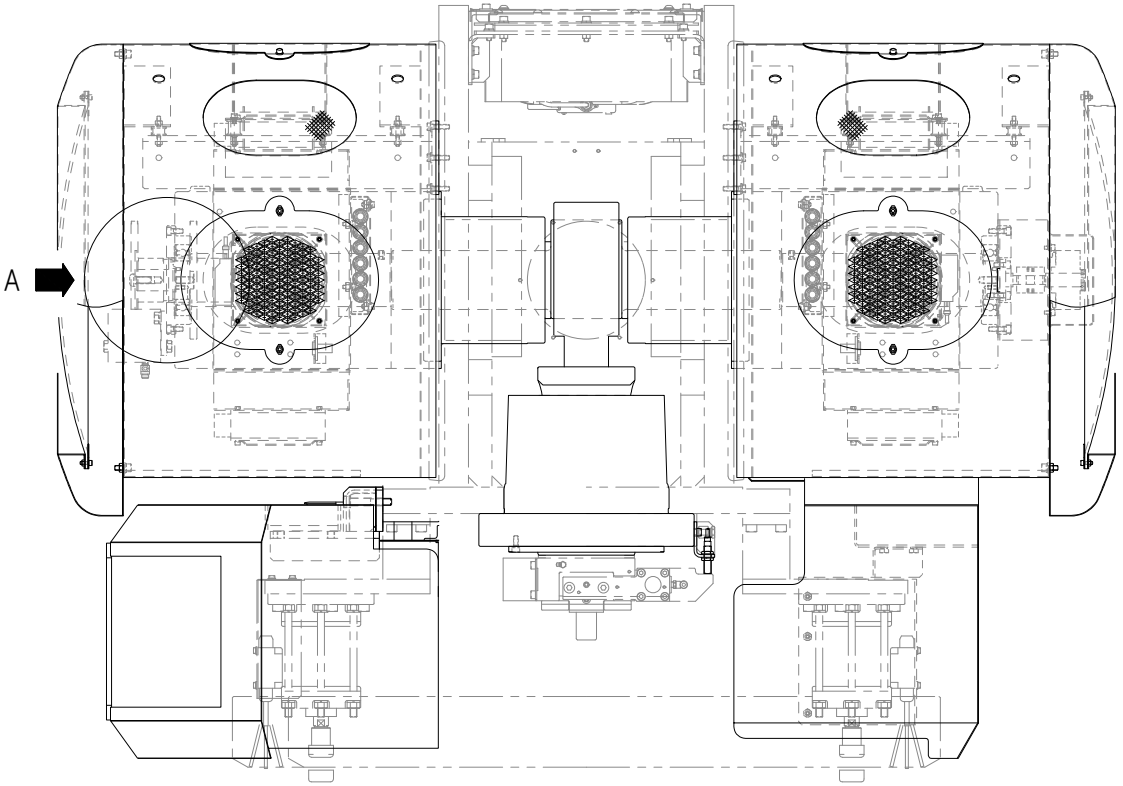
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875260 A	Y-axis Motor Fan Installation	Index 2-22	1
2	6874436	Y Cover Fan ASSY	Index 3-15	1
3	74418334 6875273	Fan Cover (Y)		1
4	74569504 7830643	Button Head Screw MOURI	M6X12	4
5	74420512 6875274 A	Fan Bracket Y		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74401303 P538002001	Fan SANYO Electric	109-602	1
8	74417149 P332248001	Antivibration Nut SWCC	Q-5	4
9	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
10	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
11	74776840 P336000080	Washer	5(Normal)	4
12	74306820 0383322 A	Rubber Packing		1

Unit No. 41 Cover BF EX <Y-axis Motor Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417150 6874554	Cable EV43-1		1
14	74307621 P334100015	Pan Head Screw JIS	M4X5	1
15	74355801 P334100003	Pan Head Screw JIS	M3X6	4
16	 6875809	Motor Cover Kit	 Index 17-22	1
17	74417151 6875810	Motor Cover 1		1
18	74417152 6875811	Motor Cover 2		1
19	74417153 6875812	Motor Cover 3		1
20	74417154 6875813	Stud (Motor Cover)		1
21	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	8
22	74413041 P330200014	Hex Socket Cap Screw	M4X8	4

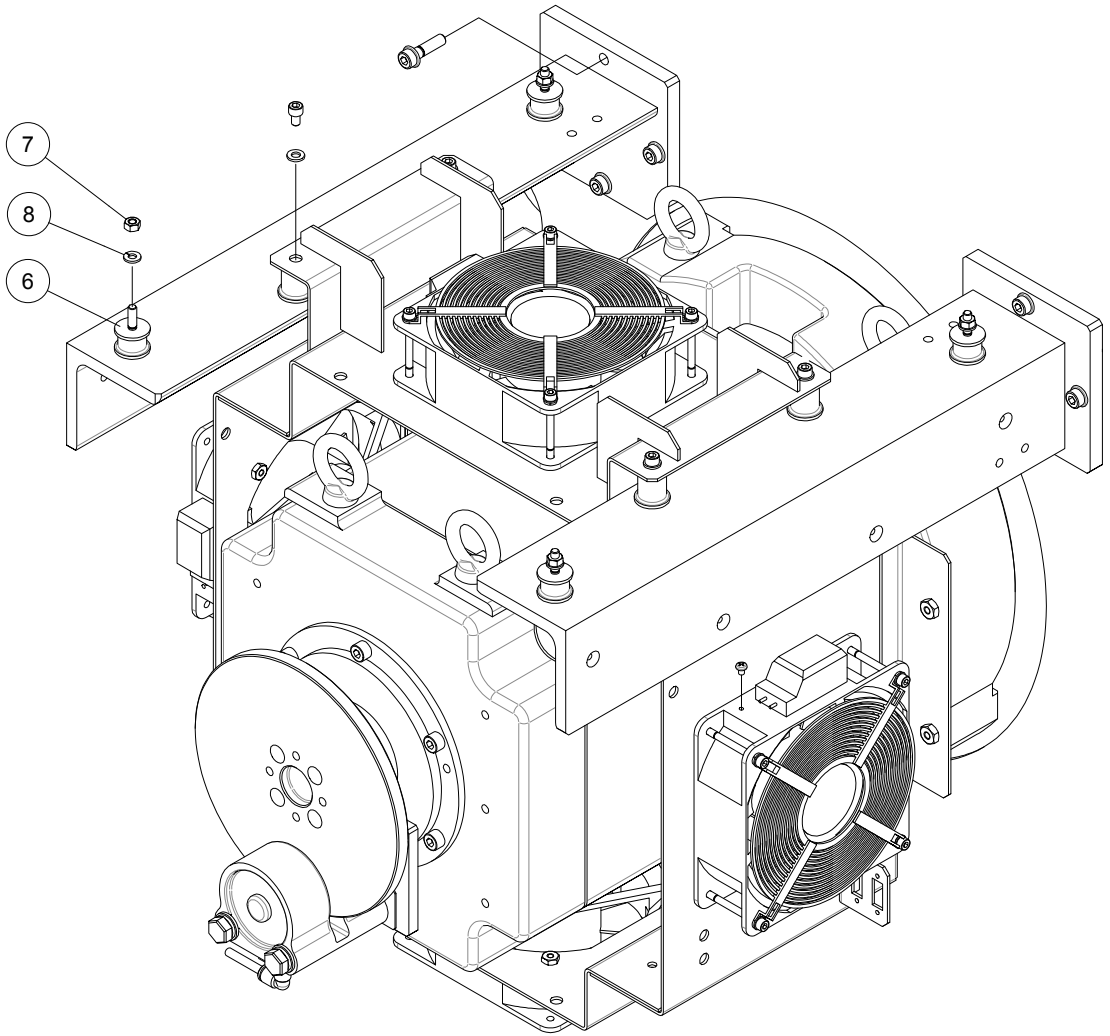


DETAIL A



(1) Drive Cover ASSY

CE03150---
(6875258---)



CE03150---
(6875258---)

Unit No. 42 Cover BF EX <Drive Cover ASSY>

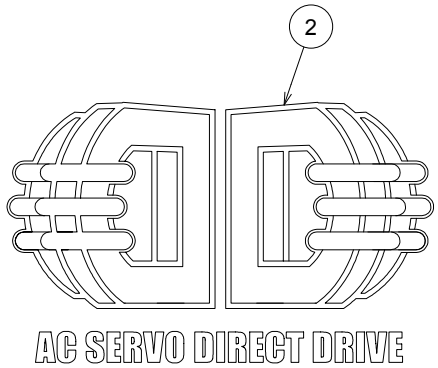
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03150---	Drive Cover ASSY	Index 2-8	1
2	74400577 6827285--A	Pointer Base		1
3	74183630 P330230012	Hex Socket Cap Screw	M8X50	4
4	74382232 6533019	Indicator		1
5	74380159 P334500025	Button Head Screw JIS	M12X20	1
6	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	8
7	74776801 P332000030	Nut JIS	M6(Type-1)	16
8	74178737 P336050005	Spring Washer JIS	6	8

< List Only >

CE03151---

Unit No. 43 Cover BF EX <Drive Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03151---	Drive Cover ASSY	Index 2-4	1
2	CE03152---	Drive Cover (F) ASSY		1
3	CE03153---	Drive Cover (R) ASSY		1
4	CE03154---	Drive Cover TOP ASSY		1

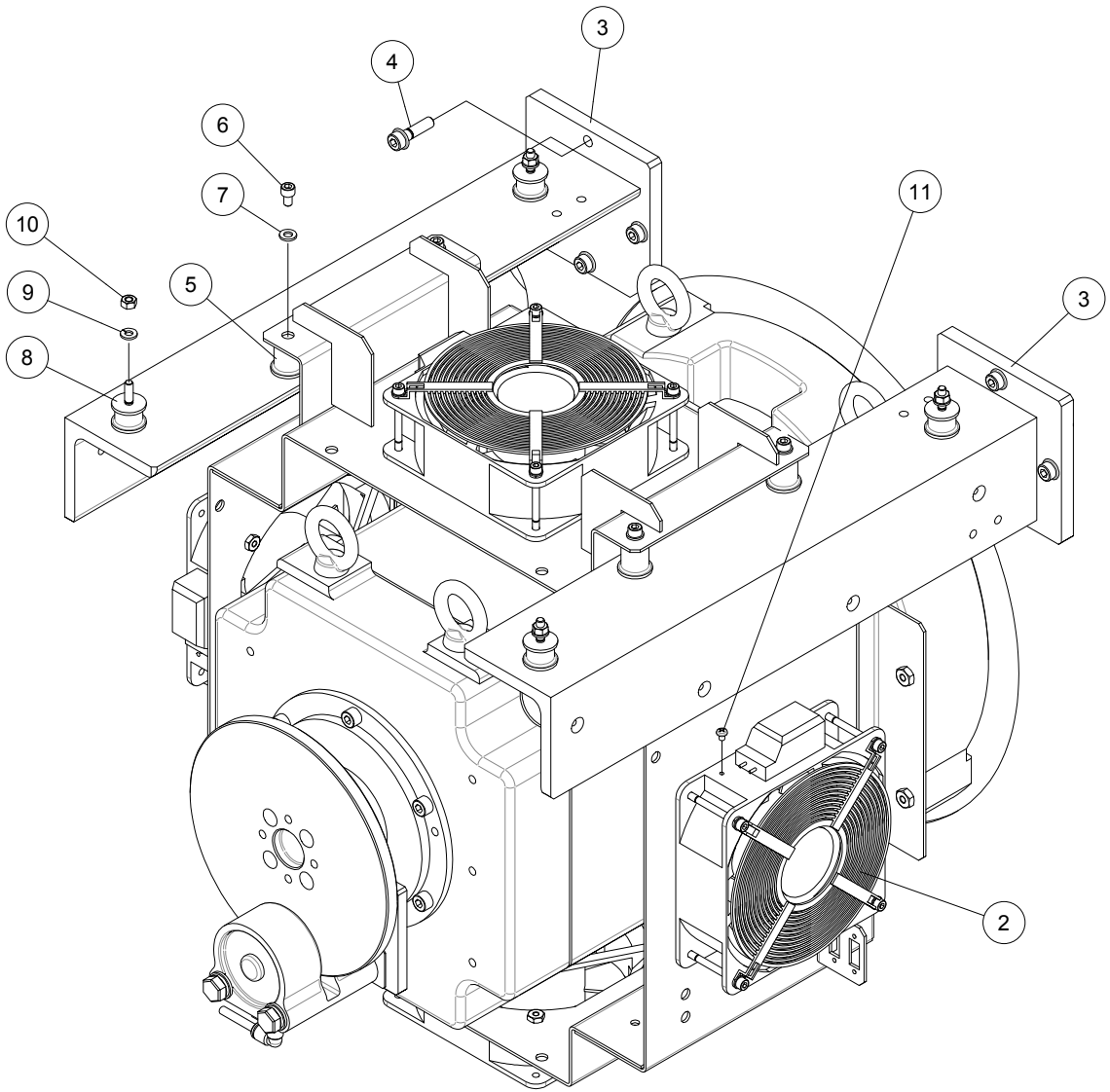


(1) Name Plate ASSY DD

CE03158---

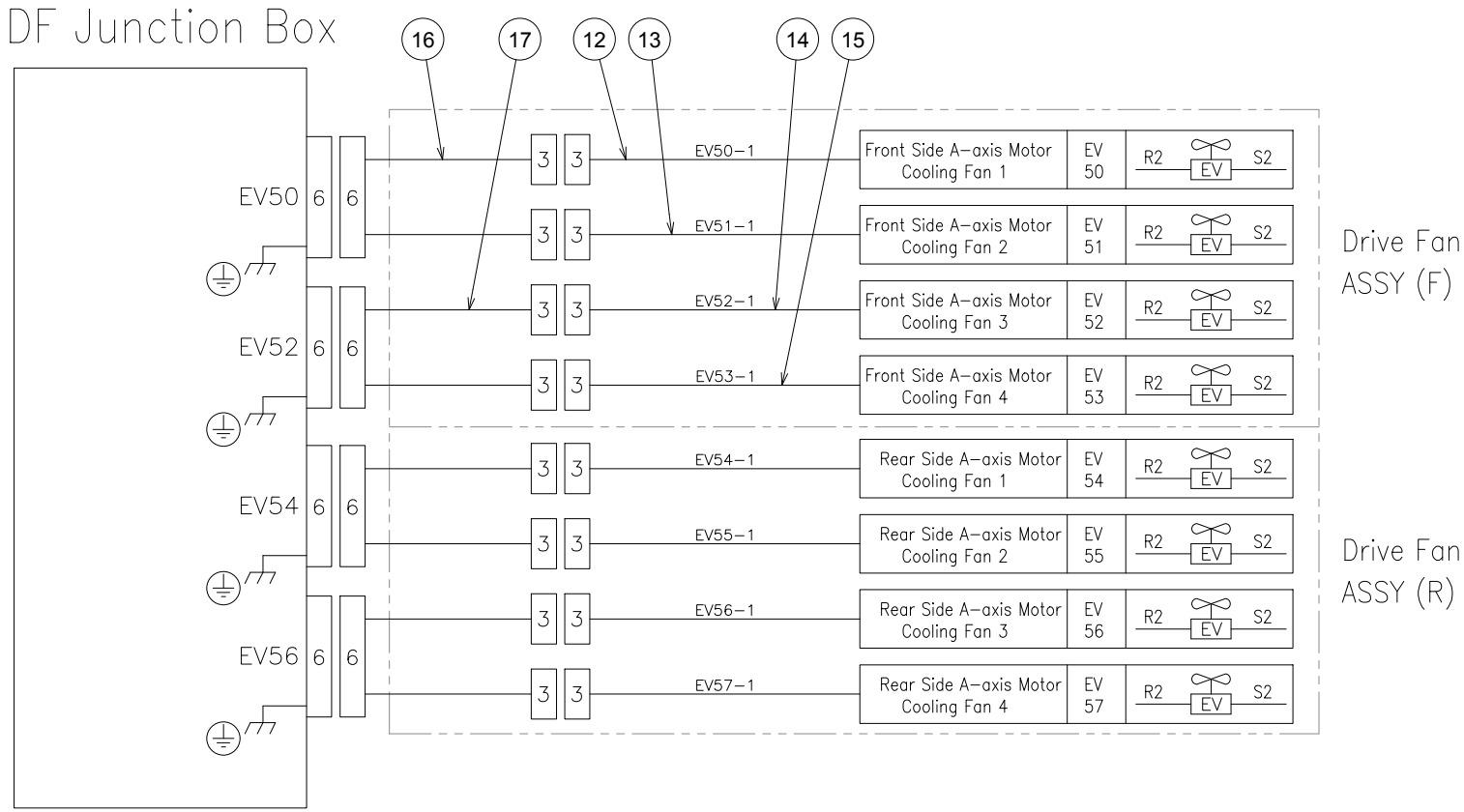
Unit No. 44 Cover BF EX <Name Plate ASSY DD>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03158---	Name Plate ASSY DD	Index 2	1
2	74400590 / CE02724---	DD Mark 150		2



(1) Drive Fan ASSY F

CE00437---


DF Junction Box
16
17
12
13
14
15
EV50
EV52
EV54
EV56
6
6
3
3
EV50-1
EV51-1
EV52-1
EV53-1
EV54-1
EV55-1
EV56-1
EV57-1
Front Side A-axis Motor Cooling Fan 1
Front Side A-axis Motor Cooling Fan 2
Front Side A-axis Motor Cooling Fan 3
Front Side A-axis Motor Cooling Fan 4
Rear Side A-axis Motor Cooling Fan 1
Rear Side A-axis Motor Cooling Fan 2
Rear Side A-axis Motor Cooling Fan 3
Rear Side A-axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)

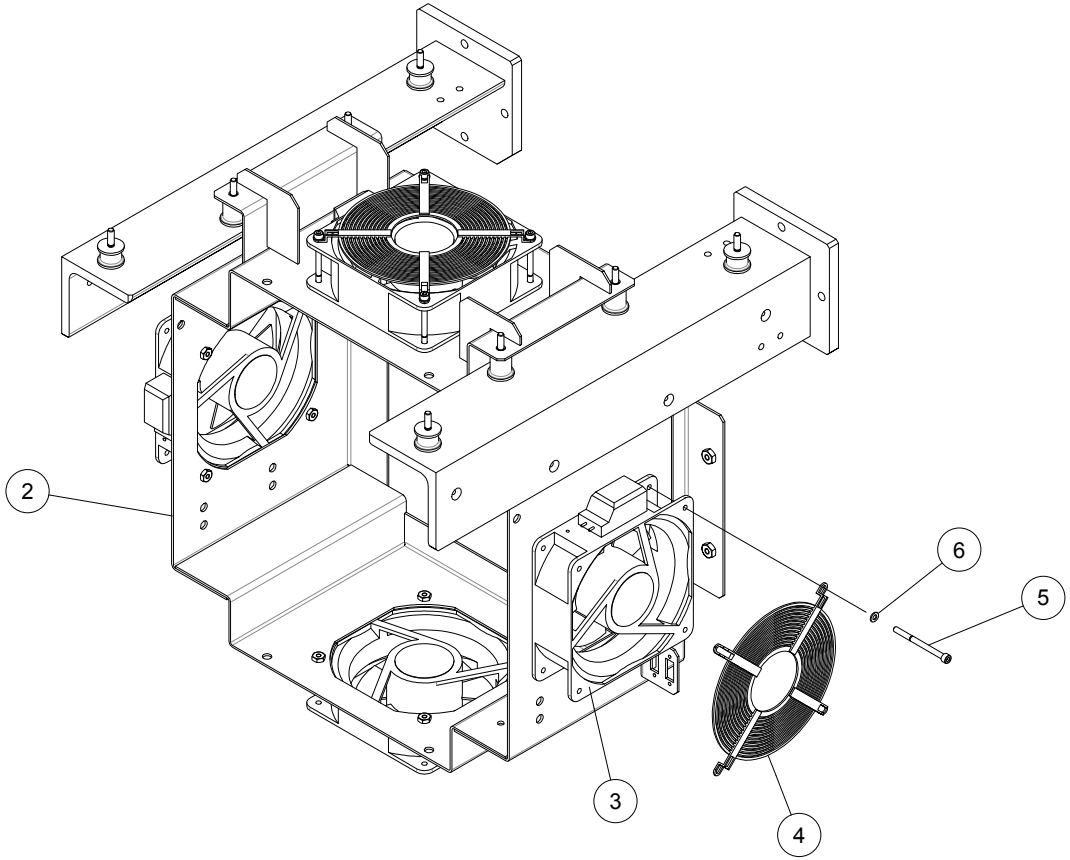
CE00391---

Unit No. 45 Cover BF EX <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00437---	Drive Fan ASSY F	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400578 6870465--A	Cable EV50-1		1

Unit No. 45 Cover BF EX <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400579 6870466--A	Cable EV51-1		1
14	74415971 6870467	Cable EV52-1		1
15	74400580 6870468--A	Cable EV53-1		1
16	74400581 CE00325---	Cable EV50		1
17	74400582 CE00326---	Cable EV52		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12

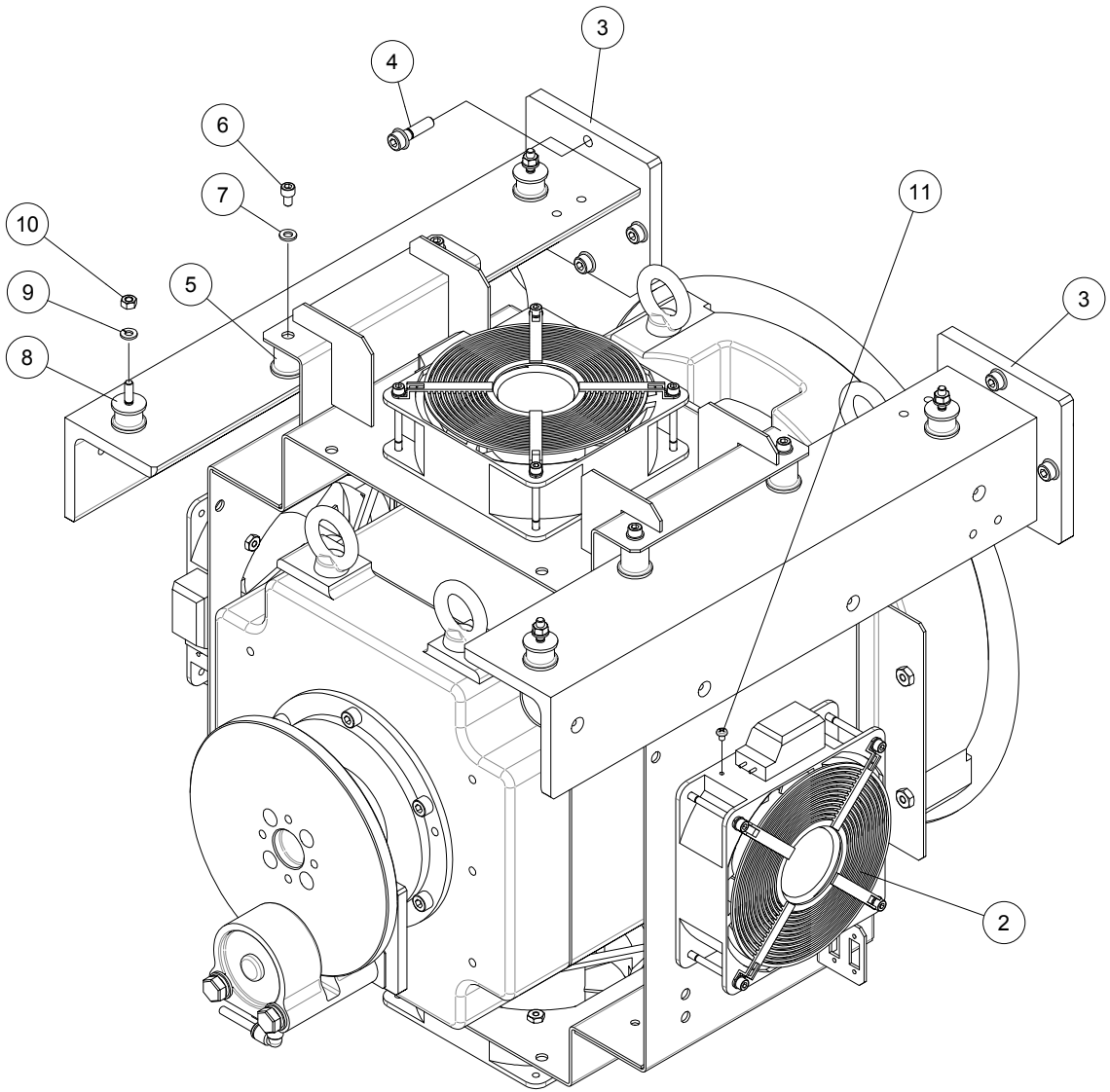


(1) Fan ASSY

6885417---

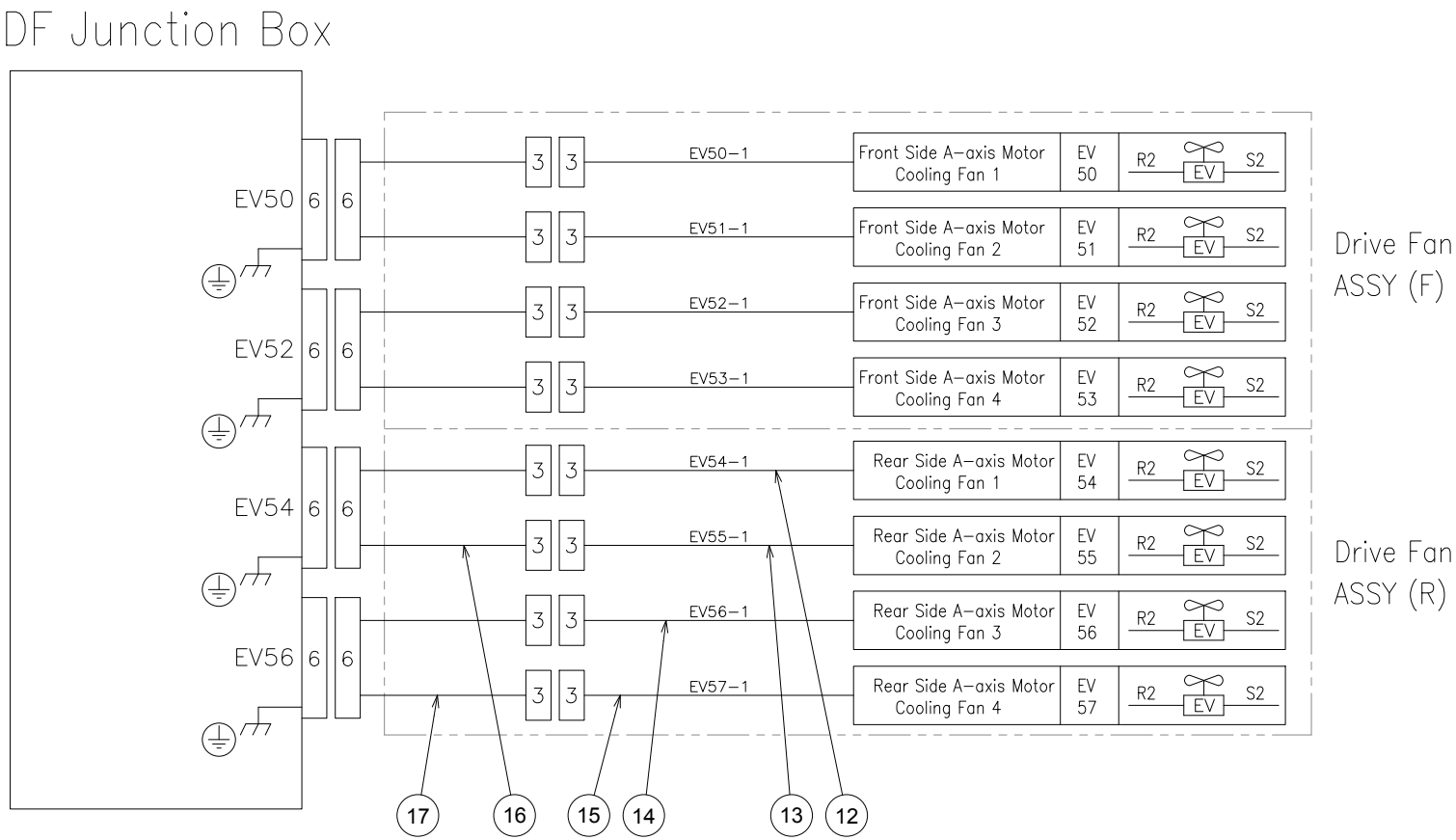
Unit No. 46 Cover BF EX <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6885417---	Fan ASSY	Index 2-6	1
2	74400583 6885416---	Fan Bracket		1
3	74401303 P538002001	Fan SANYO Electric	109-602	4
4	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	4
5	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	16
6	74776840 P336000080	Washer	5(Normal)	16



(1) Drive Fan ASSY R

CE00438---


DF Junction Box
EV50
EV52
EV54
EV56
6
6
3
3
EV50-1
EV51-1
EV52-1
EV53-1
EV54-1
EV55-1
EV56-1
EV57-1
Front Side A-axis Motor Cooling Fan 1
Front Side A-axis Motor Cooling Fan 2
Front Side A-axis Motor Cooling Fan 3
Front Side A-axis Motor Cooling Fan 4
Rear Side A-axis Motor Cooling Fan 1
Rear Side A-axis Motor Cooling Fan 2
Rear Side A-axis Motor Cooling Fan 3
Rear Side A-axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)
17
16
15
14
13
12

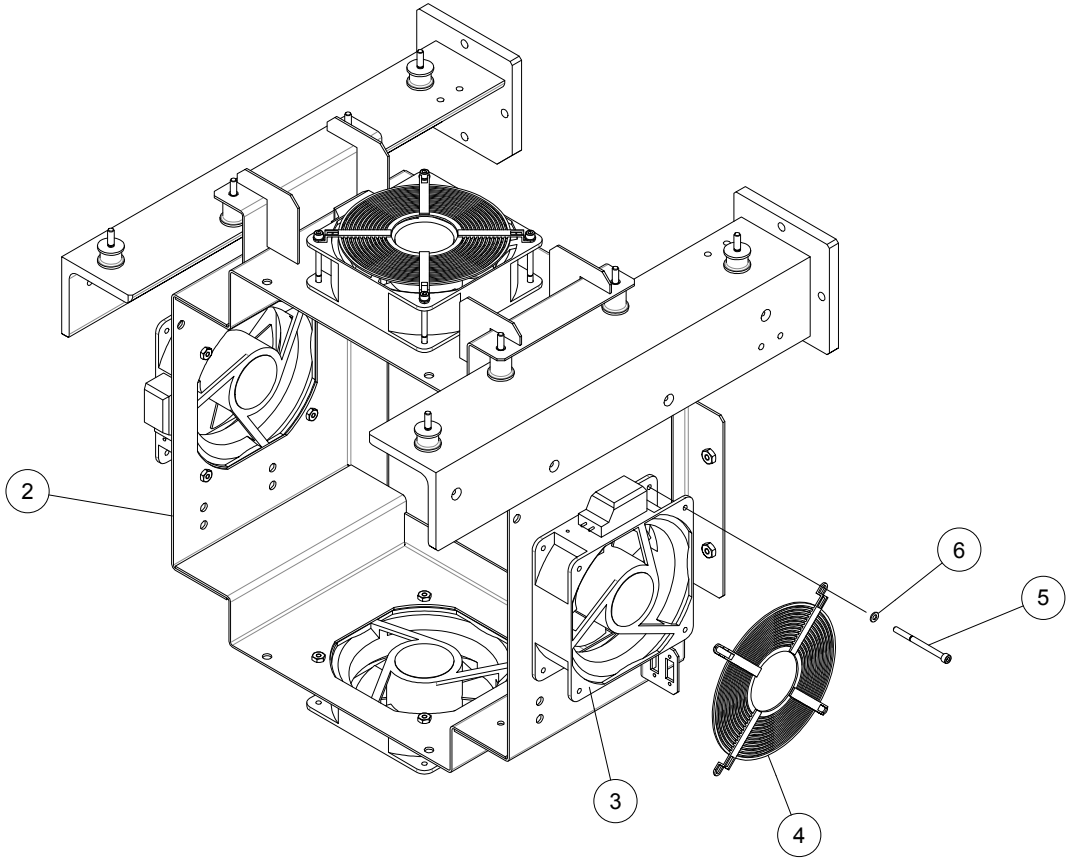
CE00391---

Unit No. 47 Cover BF EX <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00438---	Drive Fan ASSY R	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400584 6870469--A	Cable EV54-1		1

Unit No. 47 Cover BF EX <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400585 6870470--A	Cable EV55-1		1
14	74400586 6870471--A	Cable EV56-1		1
15	74400587 6870472--A	Cable EV57-1		1
16	74400588 CE00327---	Cable EV54		1
17	74400589 CE00328---	Cable EV56		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12



(1) Fan ASSY

6885417---

Unit No. 48 Cover BF EX <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6885417---	Fan ASSY	Index 2-6	1
2	74400583 6885416---	Fan Bracket		1
3	74401303 P538002001	Fan SANYO Electric	109-602	4
4	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	4
5	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	16
6	74776840 P336000080	Washer	5(Normal)	16

< List Only >

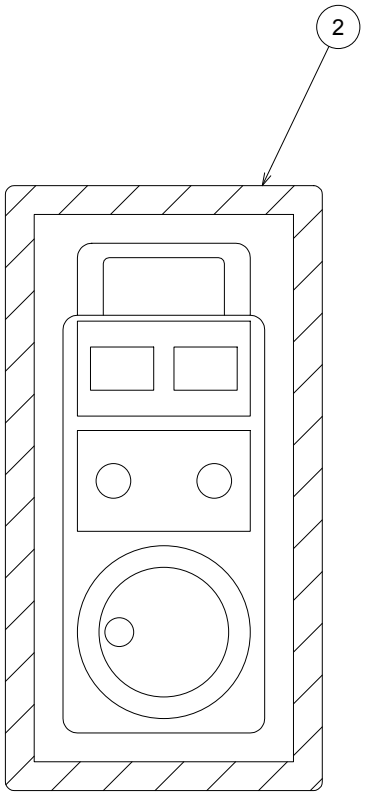
CE02194---

Unit No. 49 Cover BF EX <Name Plate Layout EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02194---	Name Plate Layout EX	Index 2-14	1
2	74454107 6634634 A	AMADA Plate #140		1
3	74379098 P360200003	Charging Mark JIS	JISB6015-80H	11
4	74777283 QZZ050840	Sticker	AS-K1001-C	7
5	74700594 6541165	Name Plate		1
6	74902622 MA04190---	Warning Plate		17
7	74700596 6541167	Name Plate		1
8	74776546 6170009 A	Caution Plate	AS-K1006	4
9	74383721 6593002	Name Plate		1
10	74700583 1500049 A	Name Plate		1
11	74388275 6597097	Name Plate 2		2
12	74902184 8636765 A	Warning Plate 1		4

Unit No. 49 Cover BF EX <Name Plate Layout EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902424 MA02937---	Sticker 1 EXP		1
14	74741789 1660593 A	AMADA Plate	#60	2



(1) Name Plate ASSY (Handy Pulsar)

CE02181---

Unit No. 50 Cover BF EX <Name Plate ASSY (Handy Pulsar)>

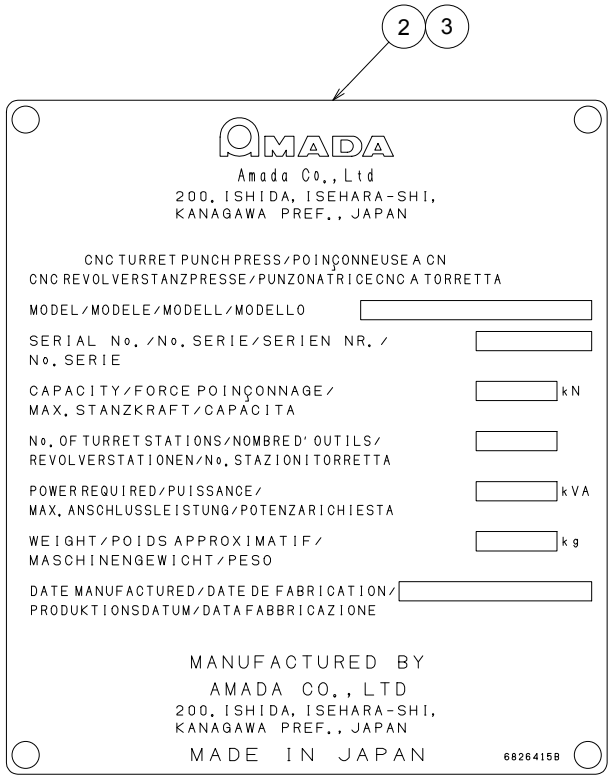
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02181---	Name Plate ASSY (Handy Pulsar)	Index 2	1
2	74401872 MA07315---	Name Plate		1

(1) Model Plate ASSY 3510B

CE02174---

Unit No. 51 Cover BF EX <Model Plate ASSY 3510B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02174---	Model Plate ASSY 3510B	Index 2	1
2	74401873 / CE03161---	Model Plate		1



(1) Serial Plate ASSY 4-Languages

6826415--B

Unit No. 52 Cover BF EX <Serial Plate ASSY 4-Languages>

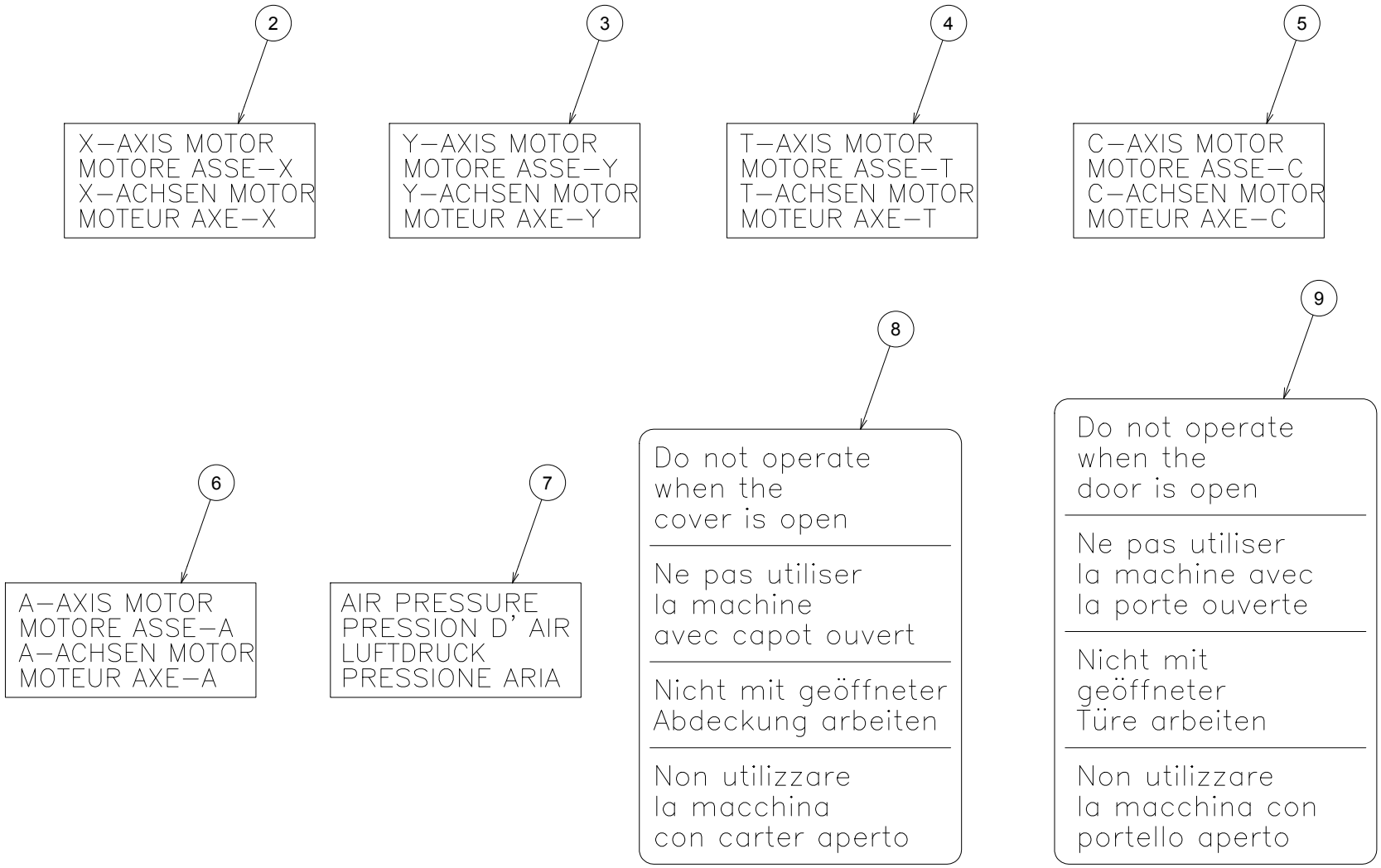
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6825046---	Serial Plate ASSY 4-Languages	Index 23	1
2	74400507 6826415--B	Serial Plate		1
3	74379097 P339070006	Rivet JIS	6X12(Round)Steel	4

1 Serial Plate ASSY CHINA

6825047---

Unit No. 53 Cover BF EX <Serial Plate ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6825047---	Serial Plate ASSY CHINA	Index 23	1
2	74579280 6826405--D	Serial Plate		1
3	74379097 P339070006	Rivet JIS	6X12(Round)Steel	4

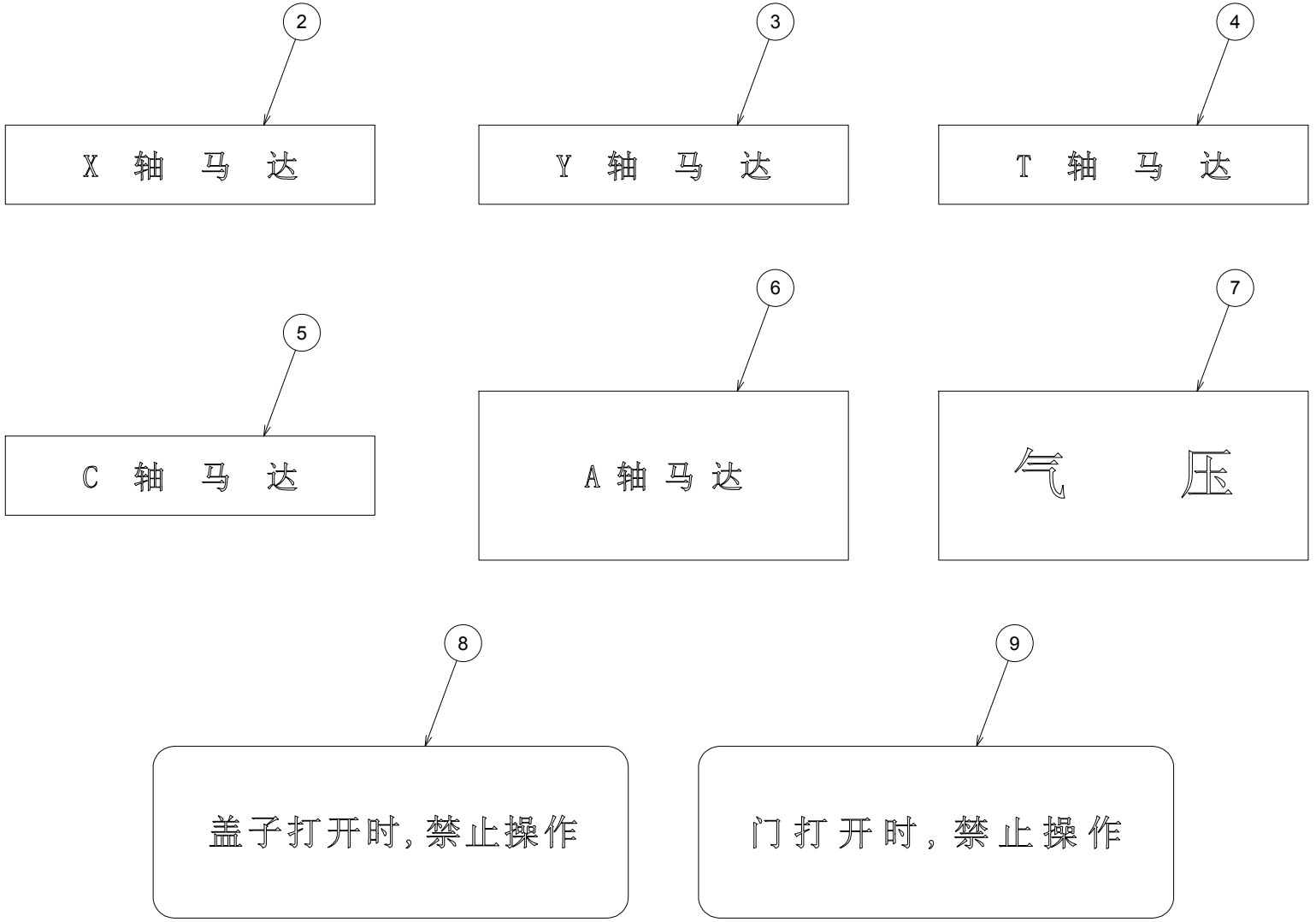


(1) Name Plate ASSY 4-Languages

WA00691---

Unit No. 54 Cover BF EX <Name Plate ASSY 4-Languages>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00691---	Name Plate ASSY 4-Languages	Index 2-9	1
2	74300488 6502837	Name Plate X		1
3	74300490 6502839	Name Plate Y		1
4	74300489 6502838	Name Plate T		1
5	74300977 6502763	Name Plate C		1
6	74415360 6903701	Name Plate A		1
7	74386340 6045138 A	Name Plate		3
8	74417195 680012702A	Caution Plate 2		2
9	74417591 680012701A	Caution Plate 1		1



(1) Name Plate ASSY EX Chinese

WA00692---

Unit No. 55 Cover BF EX <Name Plate ASSY EX Chinese>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 WA00692---	Name Plate ASSY EX Chinese	 Index 2-9	1
2	74419204 6817496	Name Plate X		1
3	74419205 6817497	Name Plate Y		1
4	74419206 6817498	Name Plate T		1
5	74419207 6817499	Name Plate C		1
6	74419208 6817537	Name Plate A		1
7	74419461 6817500	Name Plate		3
8	74419399 6817502	Caution Plate 2		2
9	74419731 6817525	Caution Plate 1		1

< List Only >

CE02195---

Unit No. 56 Cover BF EX <Name Plate ASSY English EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02195---	Name Plate ASSY English EXP	Index 2-49	1
2	74401910 CE02197---	Name Plate		1
3	74902831 MA06607---	Name Plate E		2
4	74401912 CE01257---	Name Plate E		1
5	74401913 CE02198---	Name Plate E		1
6	MA07164---	Name Plate Kit English TSU-EX	Index 7-33	1
7	74168224 820843	Caution Plate		1
8	74183302 P334500013	Button Head Screw	M6X10	4
9	74300498 6502817	Warning Plate 1		7
10	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
11	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24
12	74300969 6018112	Warning Plate 2		2

Unit No. 56 Cover BF EX <Name Plate ASSY English EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
14	74300973 6018113	Warning Plate 3		4
15	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24
16	74300121 0810618 A	Caution Plate		1
17	74180037 6010842	Caution Plate		1
18	74776543 6045924	Warning Plate 3		2
19	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
20	74562911 7408811	Name Plate 1		1
21	74562915 7408812	Name Plate 2		1
22	74419480 3809322	Caution Plate		6
23	74183309 P334500014	Button Head Screw JIS	M6X12	4
24	74385169 6594566	Warning Plate 1 Rear		1

Unit No. 56 Cover BF EX <Name Plate ASSY English EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
26	74389132 6597086	Warning Plate 4		1
27	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
28	74417208 6877416	Name Plate		1
29	74569588 6822251	Name Plate		2
30	74569595 6822254	Name Plate		4
31	74419282 6705520 D	Caution Plate		1
32	74569591 6822269	Timing Belt Sticker		1
33	74812245 3830170	Timing Belt Sticker		1
34	 3830165	Z Name Plate Kit ENG	 Index 3536	1
35	74387344 7407311	Warning Plate		1
36	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	6

Unit No. 56 Cover BF EX <Name Plate ASSY English EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	3832883---	Name Plate ENG PDC	Index 3839	1
38	74902021 3832884---	Name Plate		1
39	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
40	6824642	Name Plate 2AI ENG	Index 4142	1
41	74577415 6824646	Name Plate 2AI		1
42	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
43	6822376	Name Plate ENG	Index 4445	1
44	74569601 6822377	Name Plate 4AI ENG		1
45	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
46	MA07165---	CR Name Plate ENG	Index 47	1
47	74570277 6822881	Lubrication Name Plate ENG		1
48	6822880	C/P Name Plate ENG	Index 48	1

Unit No. 56 Cover BF EX <Name Plate ASSY English EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570277 6822881	Lubrication Name Plate ENG		1

< List Only >

CE02196---

Unit No. 57 Cover BF EX <Name Plate ASSY Chinese EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02196---	Name Plate ASSY Chinese EX	Index 2-49	1
2	74401914 CE02199---	Name Plate C		1
3	74401915 WA00675---	Name Plate C		2
4	74401916 CE01264---	Name Plate C		1
5	74401917 CE02200---	Name Plate C		1
6	WA00670---	Name Plate Kit Chinese EX	Index 7-33	1
7	74419211 6817480 A	Caution Plate		1
8	74183302 P334500013	Button Head Screw	M6X10	4
9	74419212 6816791 A	Warning Plate 1 Chinese		7
10	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
11	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24
12	74419213 6816792 A	Warning Plate 2		2

Unit No. 57 Cover BF EX <Name Plate ASSY Chinese EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
14	74453532 6816793 B	Warning Plate 3		4
15	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	24
16	74419215 6817490 A	Caution Plate		1
17	74419216 6817491	Caution Plate		1
18	74415924 6816795	Warning Plate 3		2
19	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
20	74419217 6817539	Name Plate 1		1
21	74419218 6817540	Name Plate 2		1
22	74419478 3809319	Caution Plate		6
23	74183309 P334500014	Button Head Screw JIS	M6X12	4
24	74419221 6816794 A	Warning Plate		1

Unit No. 57 Cover BF EX <Name Plate ASSY Chinese EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
26	74400308 6816797--B	Warning Plate 4		1
27	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4
28	74419223 6817527	Name Plate		1
29	74812226 3830462	Name Plate C		2
30	74419224 6817530	Name Plate		4
31	74419727 6707959	Caution Plate C		1
32	74419209 6817788	Timing Belt Sticker		1
33	74812227 3830460	Timing Belt Sticker C		1
34	 3830413	Z Name Plate Kit C	 Index 3536	1
35	74577411 6816767	Warning Plate		1
36	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	6

Unit No. 57 Cover BF EX <Name Plate ASSY Chinese EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	WA00672---	Lubrication Name Plate C PDC	Index 3839	1
38	74401918 WA00673---	Name Plate C		1
39	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
40	6817777	Lubrication Name Plate 2AI C	Index 4142	1
41	74419621 6817785	Lubrication Name Plate 2AI CHINA		1
42	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
43	6817776	Lubrication Name Plate C	Index 4445	1
44	74419622 6817786	Lubrication Name Plate 4AI CHINA		1
45	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
46	WA00674---	CR Lubrication Name Plate C	Index 47	1
47	74401919 WA00690---	Name Plate C/R		1
48	6817772	Lubrication Name Plate C	Index 49	1

Unit No. 57 Cover BF EX <Name Plate ASSY Chinese EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74812228	Name Plate C/R		1
	6817790			

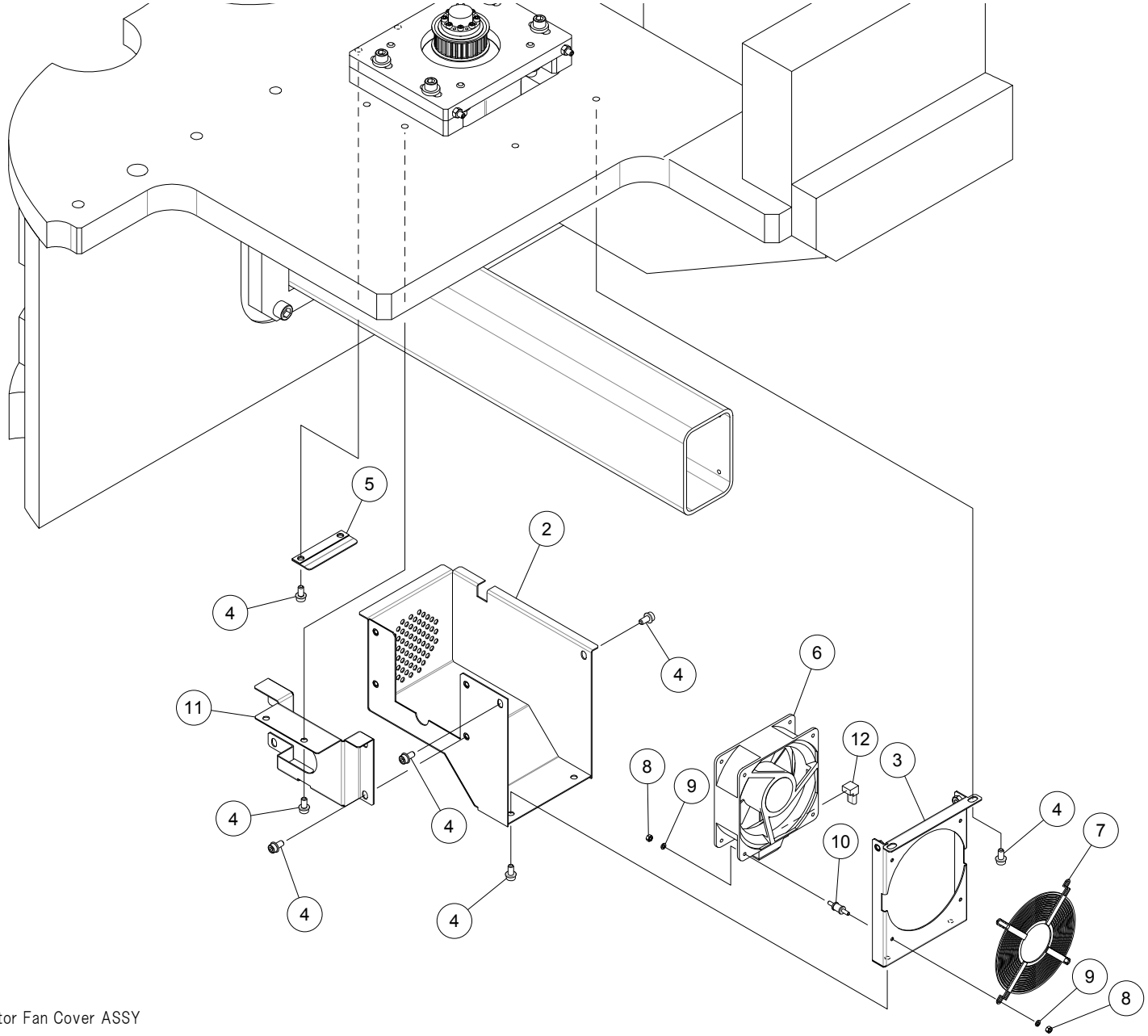
< List Only >

CE00560---

Unit No. 58 Cover BF EX <Turret Internal Lighting ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00560---	Turret Internal Lighting ASSY	Index 2-11	1
2	74401875 CE00561---	LED Bracket		1
3	74400597 MA07592---	LED Base		1
4	74400598 MA07593---	LED Support		2
5	74401876 CE00562---	Cable S-44		1
6	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
8	74776845 P336000092	Washer JIS	4(Normal)	4
9	74168422 P336050003	Spring Washer JIS	4	4
10	74080522 P382002092	Vibration Isolator KURASHIKI KAKO	RA-10	4
11	74400595 CE00557---	LED Module		1

Unit No. 59 Cover BF EX <Motor Fan Cover ASSY>

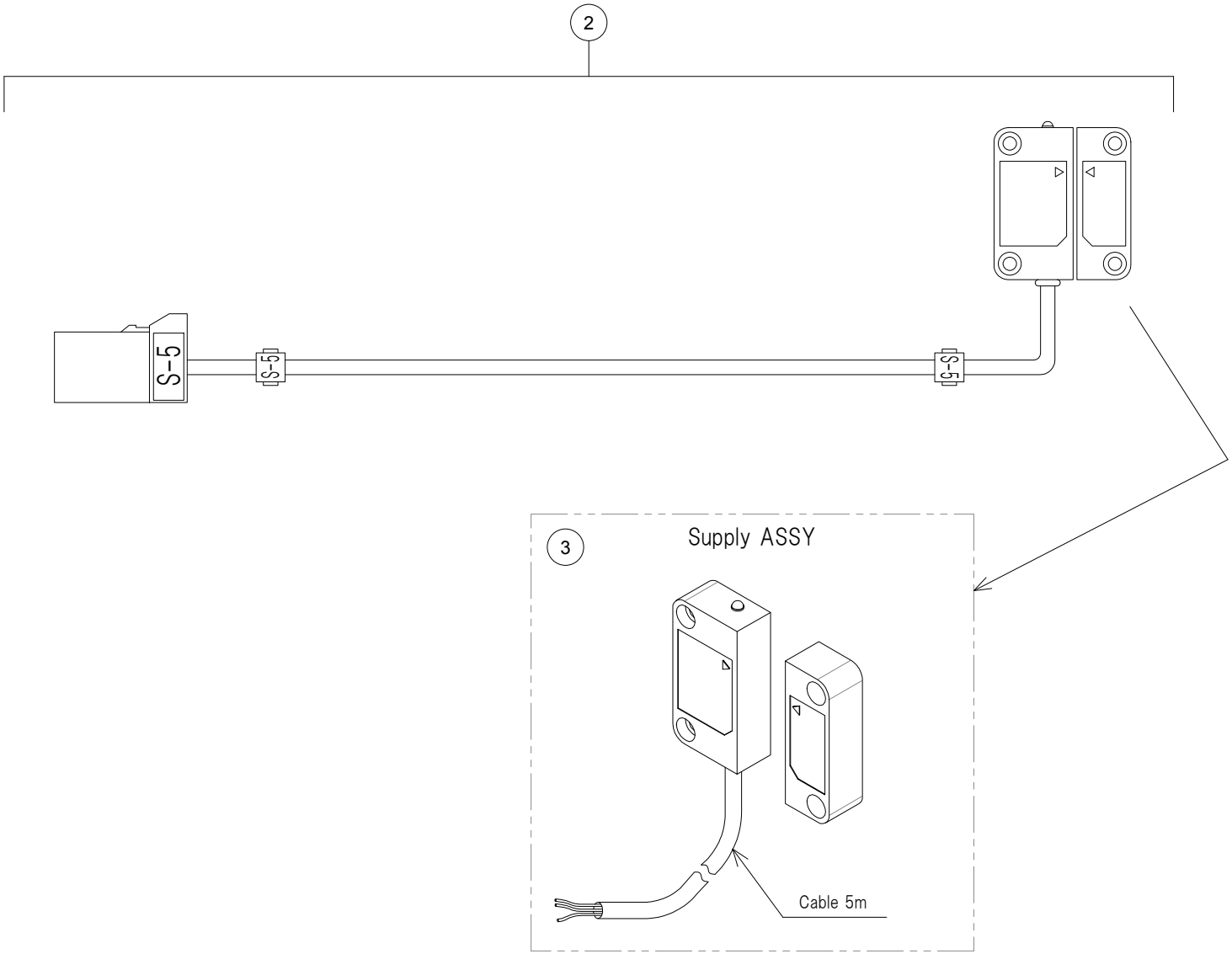


(1) Motor Fan Cover ASSY

MA04192--B

Unit No. 59 Cover BF EX <Motor Fan Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04192--B	Motor Fan Cover ASSY	Index 2-12	1
2	74902672 MA04934--A	Fan Cover 2		1
3	74902624 MA04195---	Fan Cover 3		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	14
5	74902513 MA03348---	Cover Supporter		1
6	74401303 P538002001	Fan SANYO Electric	109-602	1
7	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
8	74300502 P332000003	Nut JIS	M5	8
9	74300516 P336050004	Spring Washer JIS	5	8
10	74903249 P382008036	Vibration Isolator MISUMI	BGOMAC12160	4
11	74902671 MA04933---	Fan Cover 1		1
12	74902259 MA01070--A	Cable EV 75		1

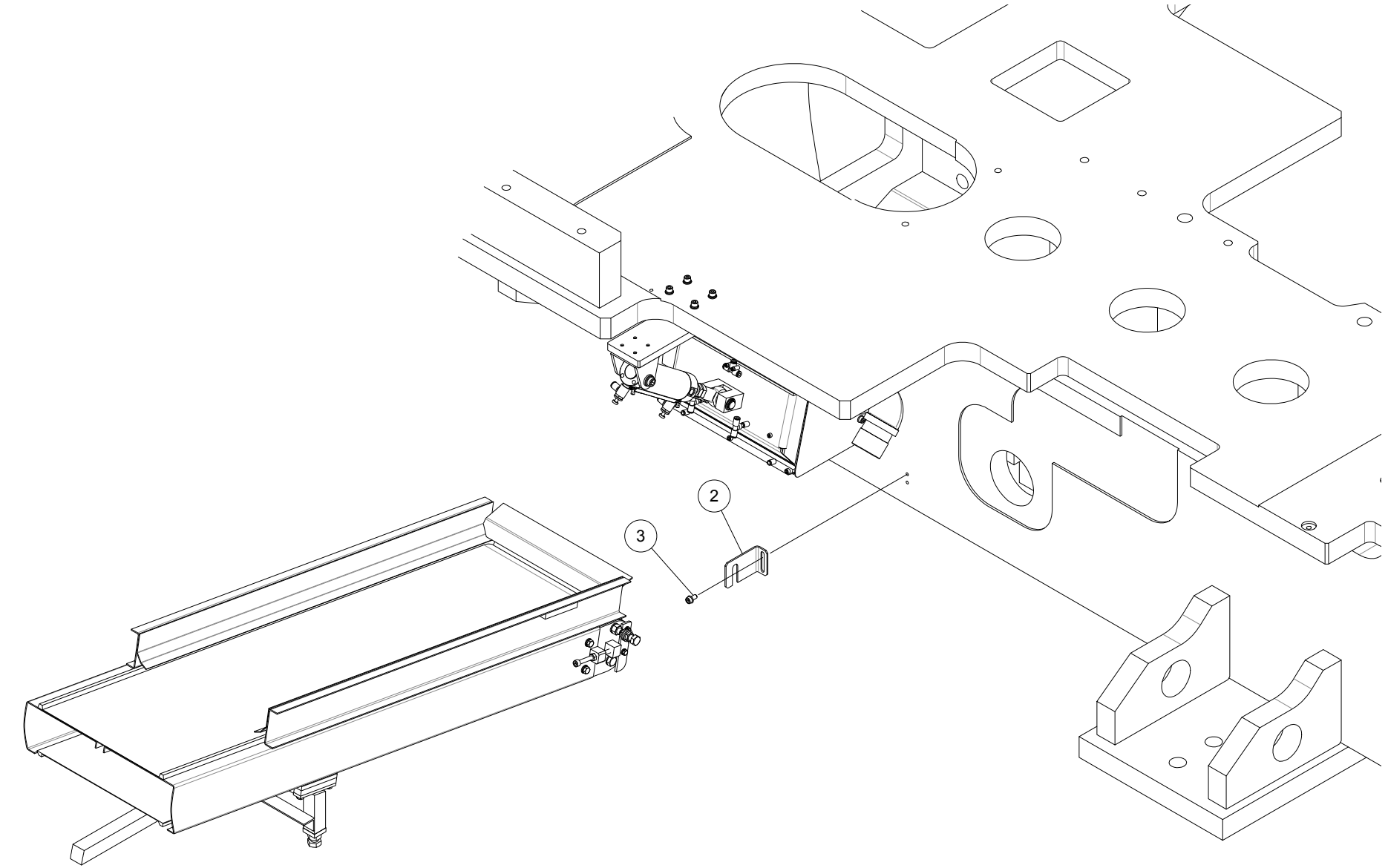


1 Cable ASSY

MA03082---
(MA03003---)

Unit No. 60 Cover BF EX <Cable>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable ASSY		1
	MA03082---		Index 2	
2	74902435	Cable S-5		1
	MA03003---		with Index 3	
3	74741655	Door Switch	D40A-1C5	1
	P829602028	OMRON	SQ23	



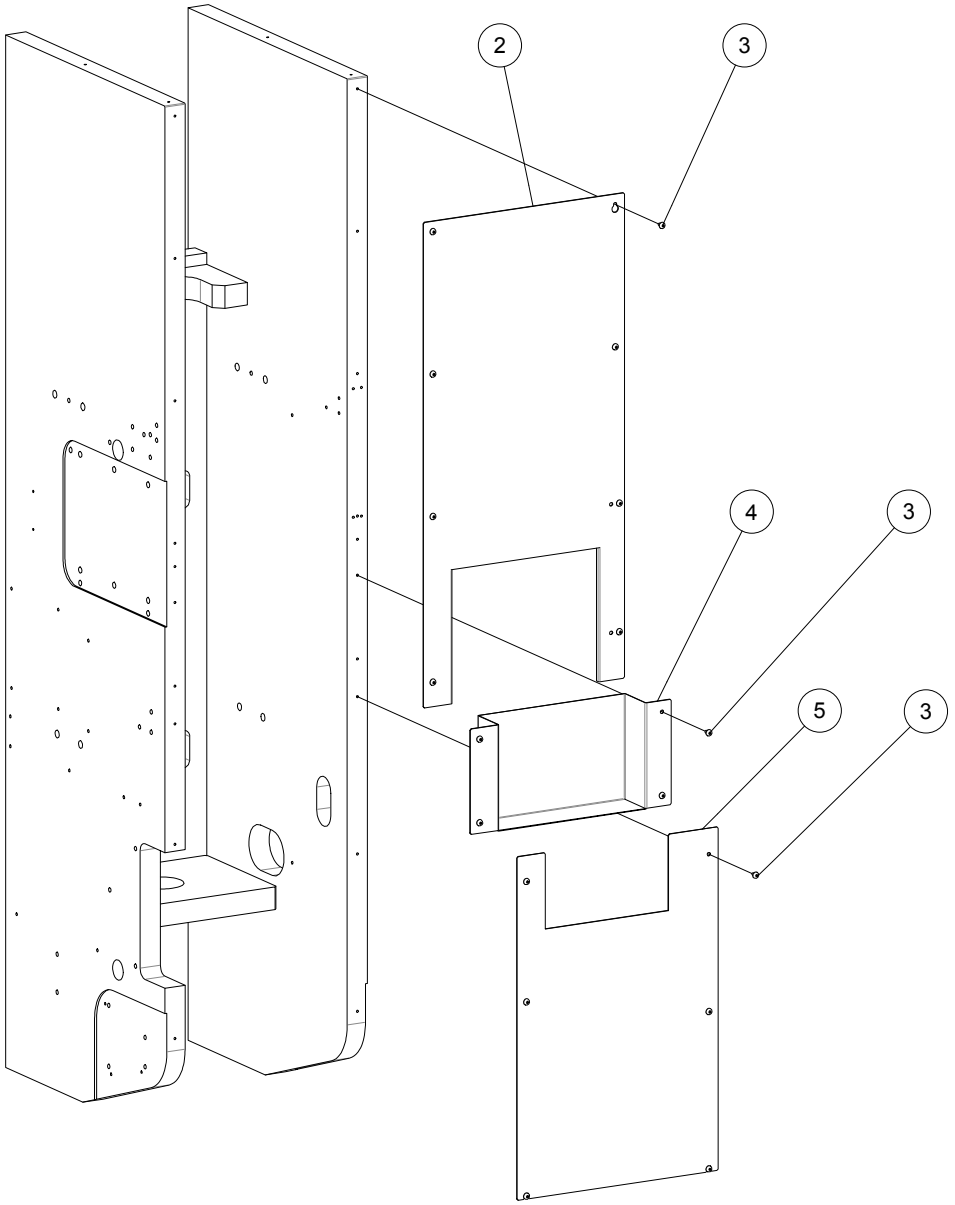
(1) Conveyor Hook ASSY

MA02727---

Unit No. 61 Cover BF EX <Conveyor Hook ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Conveyor Hook ASSY		1
	MA02727---		Index 2-3	
2	74902404	Conveyor Bracket		1
	MA02725---			
3	74382078	Flange Socket Bolt	M8X15	2
	P330468006	NISSAN NEJI		

Unit No. 62 Cover BF EX <Left Side Cover ASSY>

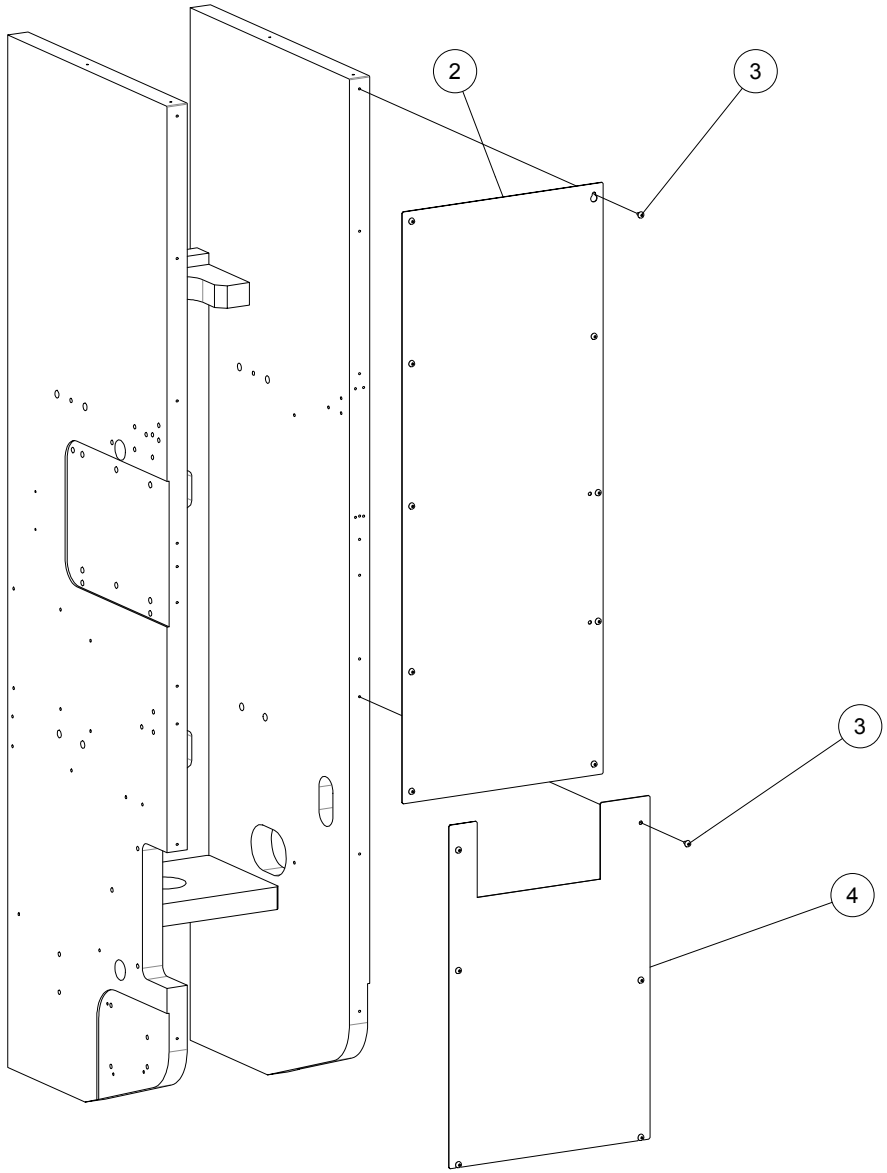


(1) Left Side Cover ASSY

MA07913---

Unit No. 62 Cover BF EX <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07913---	Left Side Cover ASSY	Index 2-5	1
2	74401877 / MA06357---	Left Side Cover Upper		1
3	74569504 / 7830643	Button Head Screw / MOURI	M6X12	15
4	74401878 / MA06358---	Left Side Cover Middle		1
5	74401879 / MA07914---	Left Side Cover Lower		1

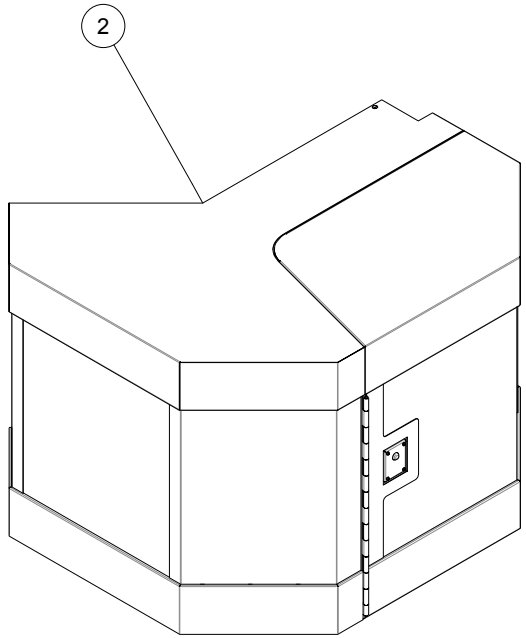


(1) Left Side Cover ASSY

MA07910---

Unit No. 63 Cover BF EX <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07910---	Left Side Cover ASSY	Index 2-4	1
2	74401880 / MA06337---	Left Side Cover Upper		1
3	74569504 / 7830643	Button Head Screw / MOURI	M6X12	12
4	74401879 / MA07914---	Left Side Cover Lower		1

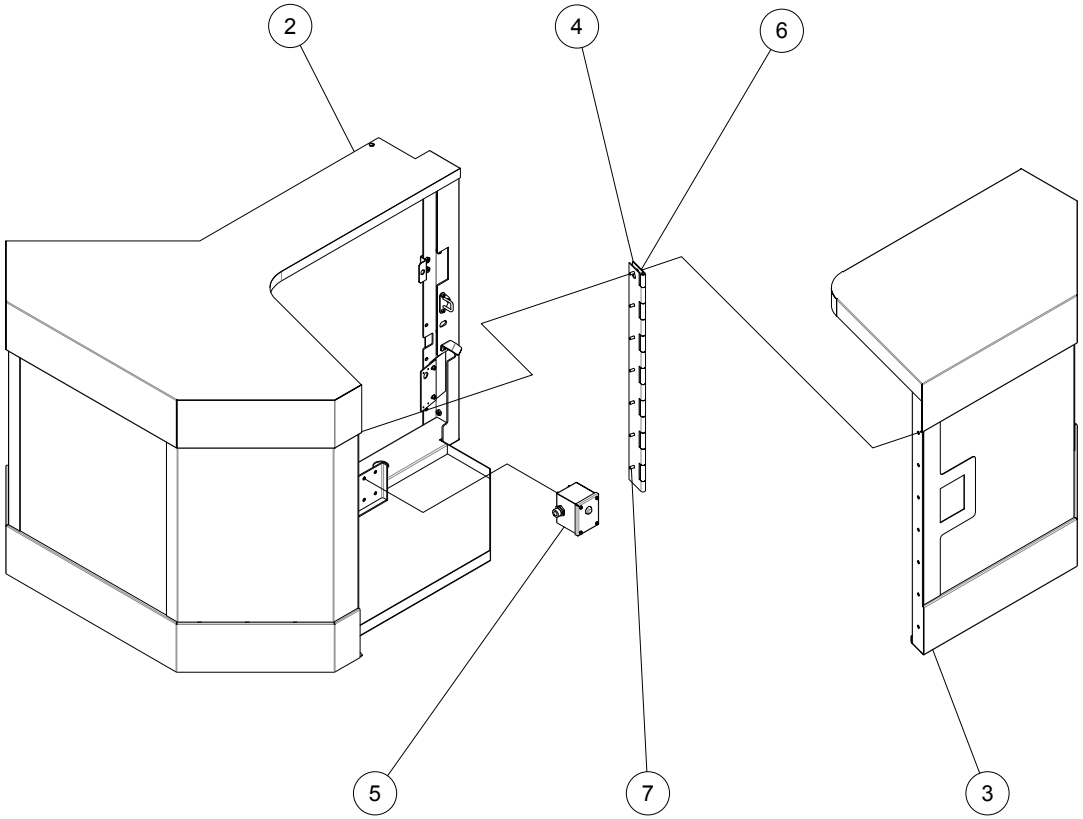


(1) Buffer Cover ASSY

MA08100---

Unit No. 64 Cover BF EX <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08100---	Buffer Cover ASSY	Index 23	1
2	MA07040--A	Buffer Cover ASSY		1
3	MA08101---	Buffer Cover Bracket ASSY	List Only	1



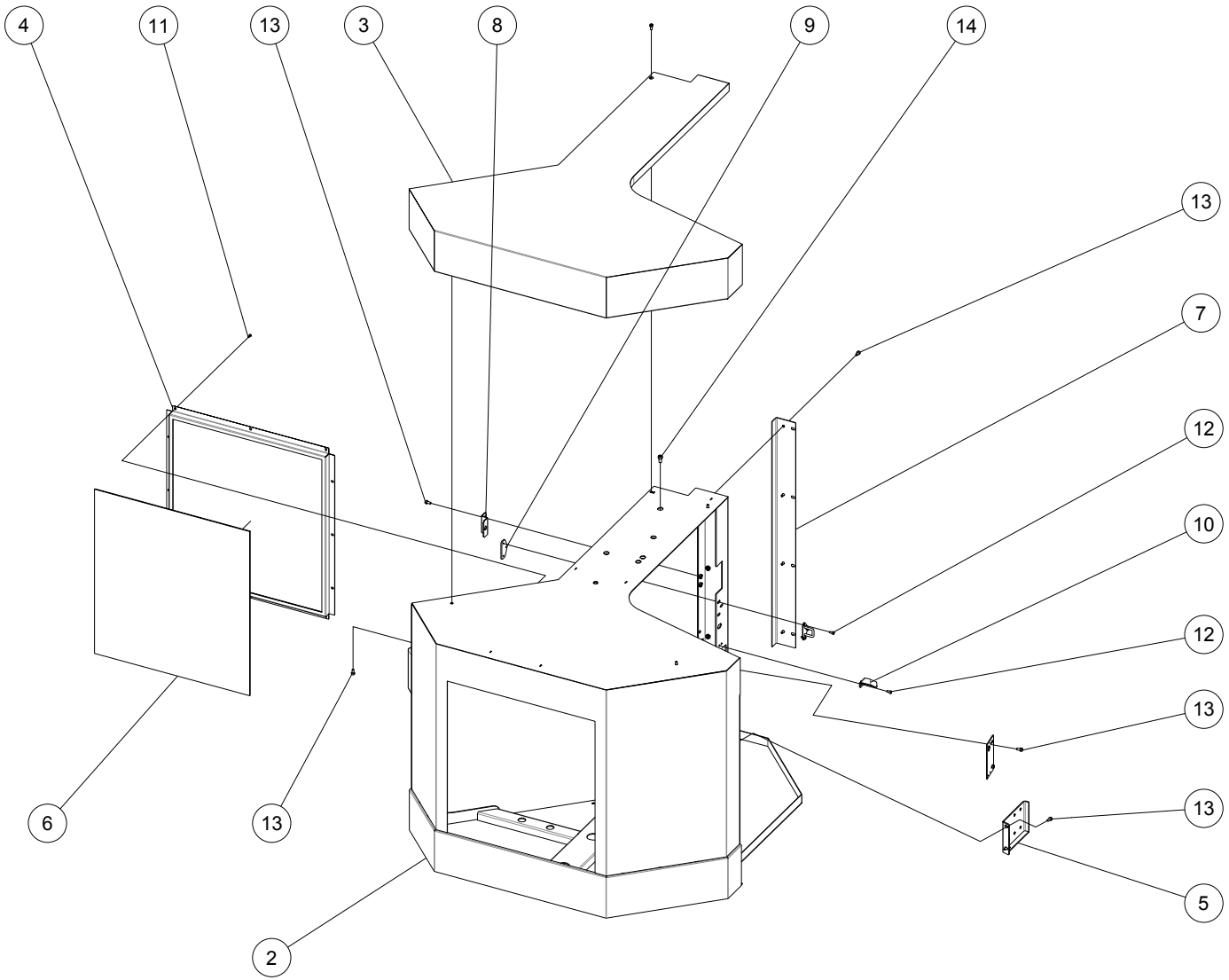
(1) Buffer Cover ASSY

MA07040--A

Unit No. 65 Cover BF EX <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07040--A	Buffer Cover ASSY	Index 2-7	1
2	MA07041--A	Buffer Body ASSY		1
3	MA07046---	Buffer Door ASSY		1
4	74401881 MA07055---	Hinge		1
5	MA07060---	Auxiliary Switch Box ASSY		1
6	74903157 P334520069	Flat Head Bolt	M6X12(Trivalent Chromate Black)	7
7	74903152 P334500109	Button Head Screw	M6X15(Trivalent Chromate Black)	7

Unit No. 66 Cover BF EX <Buffer Body ASSY>



(1) Buffer Body ASSY

MA07041--A

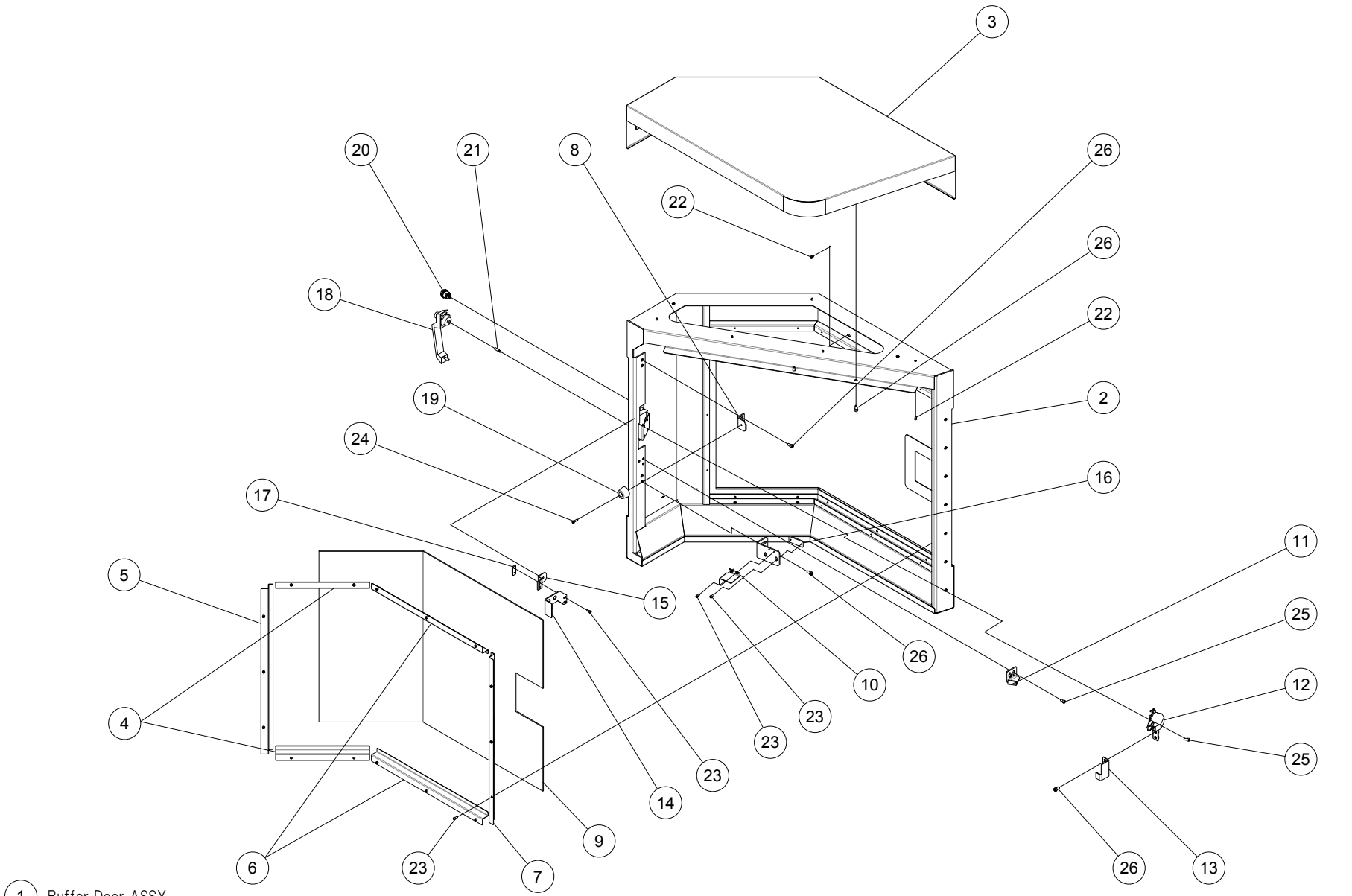
Unit No. 66 Cover BF EX <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07041--A	Buffer Body ASSY	Index 2-14	1
2	74401882 / MA07042--A	Buffer Body 1		1
3	74401883 / MA07043---	Buffer Body 2		1
4	74401884 / MA07044---	Panel Bracket 1		1
5	74401885 / MA07045---	SW Box Bracket		1
6	74401886 / MA07058---	Window 1		1
7	74401887 / MA07677---	Feeler Cover		1
8	74401888 / MA07663---	Sensor Bracket		1
9	74901675 / MA05766---	Square Nut 3		1
10	74401889 / MA07664---	Support Bracket 2		1
11	74314401 / P330200015	Hex Socket Cap Screw	M4X10	12
12	74183604 / P330210003	Hex Socket Cap Screw	M5X10	5

Unit No. 66 Cover BF EX <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	14
14	74901422 P330468059	Flange Socket Bolt NISSAN NEJI	M8X15(Trivalent Chromium Black)	5

Unit No. 67 Cover BF EX <Buffer Door ASSY>



1 Buffer Door ASSY

MA07046---

Unit No. 67 Cover BF EX <Buffer Door ASSY>

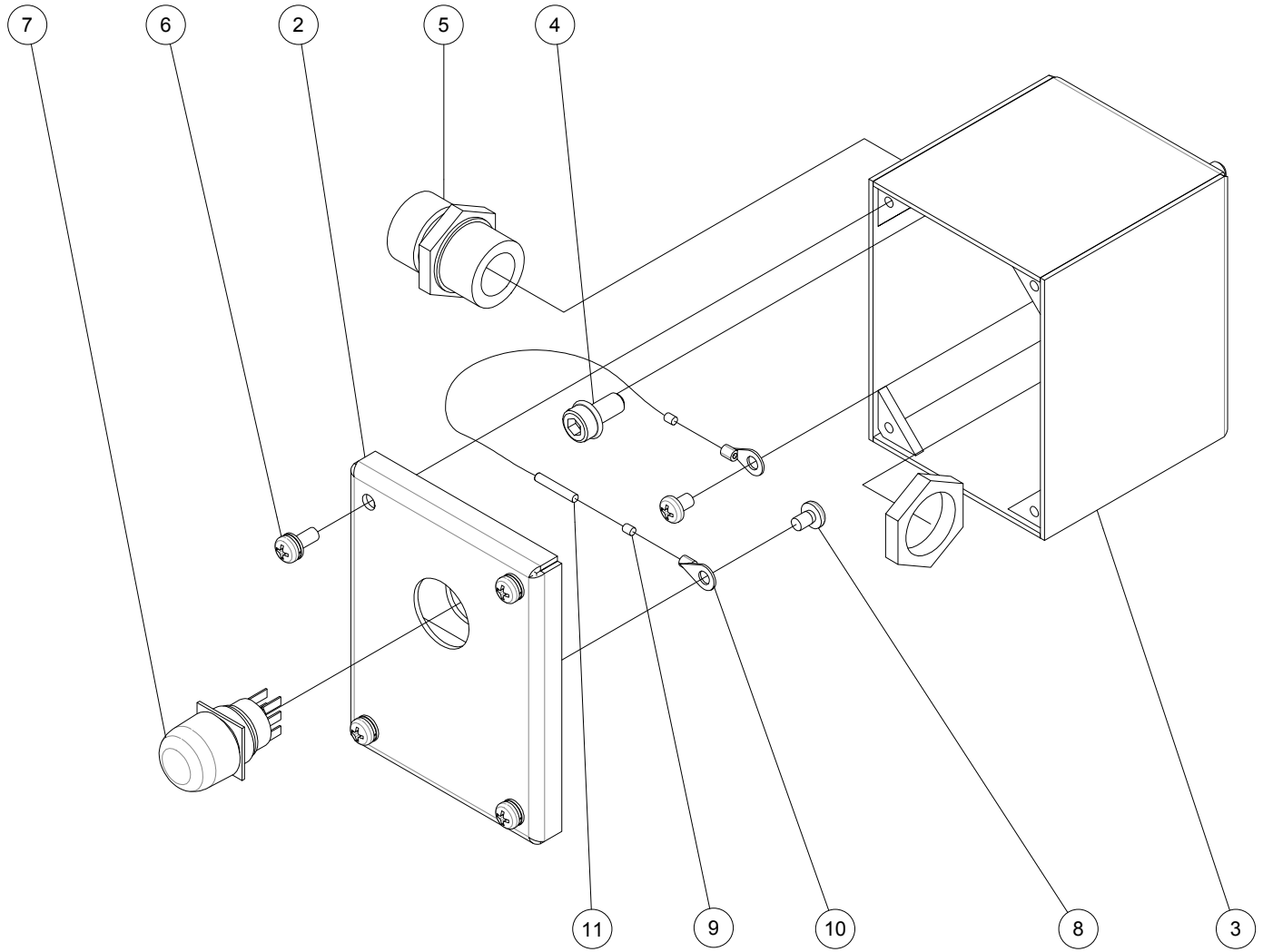
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07046---	Buffer Door ASSY	Index 2-26	1
2	74401890 / MA07047---	Buffer Door 1		1
3	74401891 / MA07048---	Buffer Door 2		1
4	74401892 / MA07050---	Panel Bracket 3		2
5	74401893 / MA07051---	Panel Bracket 4		1
6	74401894 / MA07052---	Panel Bracket 5		2
7	74401895 / MA07053---	Panel Bracket 6		1
8	74401896 / MA07054---	Bracket 1		1
9	74401897 / MA07059---	Window 2		1
10	74401898 / MA07665---	SW Cover		1
11	74401899 / MA07666---	Support Bracket 3		1
12	74401900 / MA07668---	SW Parts		1

Unit No. 67 Cover BF EX <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401902 MA07669---	Sensor Bracket 2		1
14	74401903 MA07670---	Sensor Bracket 3		1
15	74901713 MA06922---	Door Bracket 2		1
16	74401904 MA06289---	Switch Nut Plate		1
17	74901673 MA05762---	Square Nut 2		1
18	74901418 P317022015	Door Handle TAKIGEN	A-870-P	1
19	74901416 P229102041	Rubber Support TAKIGEN	C-30-RK-3220-UL	1
20	74470794 P317482006	Lock for Door TAKIGEN	C-178-T Copper Plate	1
21	74401905 P317198001	Accessory for Grip TAKIGEN	AC-1025-PR	1
22	74577713 P330468053	Flange Socket Bolt NISSAN NEJI	M4X6	8
23	74314401 P330200015	Hex Socket Cap Screw	M4X10	22
24	74183601 P330200018	Hex Socket Cap Screw	M4X15	1

Unit No. 67 Cover BF EX <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
26	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	8



(1) Auxiliary Switch Box ASSY

MA07060---

Unit No. 68 Cover BF EX <Auxiliary Switch Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Auxiliary Switch Box ASSY		1
	MA07060---		Index 2-11	
2	74902362	Lid		1
	MA02637---			
3	74401907	Switch Box		1
	MA07061---			
4	74901423	Flange Socket Bolt	M6X12(Trivalent Chromium Black)	4
	P330468062	NISSAN NEJI		
5	74723041	Accessory for Conduit	NC-1 (Cord Lock)	1
	P866108009	NICS		
6	74570030	Sems Pan Head Screw	M4X10(Chromate P-4)	4
	P334200115	SANKO Industry		
7	74903424	Enabling Switch	HE5B-M2PN1	1
	P826198005	IDEC		
8	74183225	Pan Head Screw	M4X6	3
	P334100016	JIS		
9	74489972	Marker Tube	1.25	2
	P869220210			
10	74553818	Solderless Terminal	R1.25-4	2
	P869200003			
11	74810602	Vinyl Cord	KIV0.75X250(Y/G)	1
	QZZ040413			

< List Only >

MA08101---

Unit No. 69 Cover BF EX <Buffer Cover Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08101---	Buffer Cover Bracket ASSY	Index 2-10	1
2	74401908 MA07057---	Bracket 35		1
3	74901422 P330468059	Flange Socket Bolt NISSAN NEJI	M8X15(Trivalent Chromium Black)	2
4	74903130 P330468035	Flange Socket Bolt NISSAN NEJI	M12X20	4
5	74354423 P330240014	Hex Socket Cap Screw	M10X60	3
6	74300519 P336050007	Spring Washer JIS	10	3
7	74183029 P336000007	Washer JIS	10(Normal)	9
8	74716061 P332000032	Nut JIS	M10(Type-1)	6
9	74401909 WA00689---	Panel Box		1
10	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	2

< List Only >

CE00299---

Unit No. 70 Cover BF EU <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00299---	Frame Cover ASSY	Index 2-44	1
2	74379001 0819106 A	Fan Cover		1
3	74902125 7833093---	Fan Hitachi IES	PN-254-002SHA	1
4	74563179 P334500062	Button Head Screw	M6X30	8
5	74400549 6828479--A	Top Cover		1
6	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
7	74183103 P336050006	Spring Washer JIS	8	4
8	74183027 P336000006	Washer JIS	8(Normal)	4
9	74417105 6876550	Rubber Cushion		4
10	74776796 P332000005	Nut JIS	M8	4
11	74417106 6876551	Base Bracket 1	F50X6	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 70 Cover BF EU <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	4
14	74183027 P336000006	Washer JIS	8(Normal)	4
15	74417107 6876552	Base Bracket 2	F50X6	2
16	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
17	74183103 P336050006	Spring Washer JIS	8	4
18	74183027 P336000006	Washer JIS	8(Normal)	4
19	74417108 6876553	Bar	F32X6-380	2
20	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
21	74183103 P336050006	Spring Washer JIS	8	4
22	74183027 P336000006	Washer JIS	8(Normal)	4
23	74450050 7833089	Axial Flow Blower TOAMEC	SF200-40-3 200V	2
24	74400551 6013896--B	Seal Flange		2

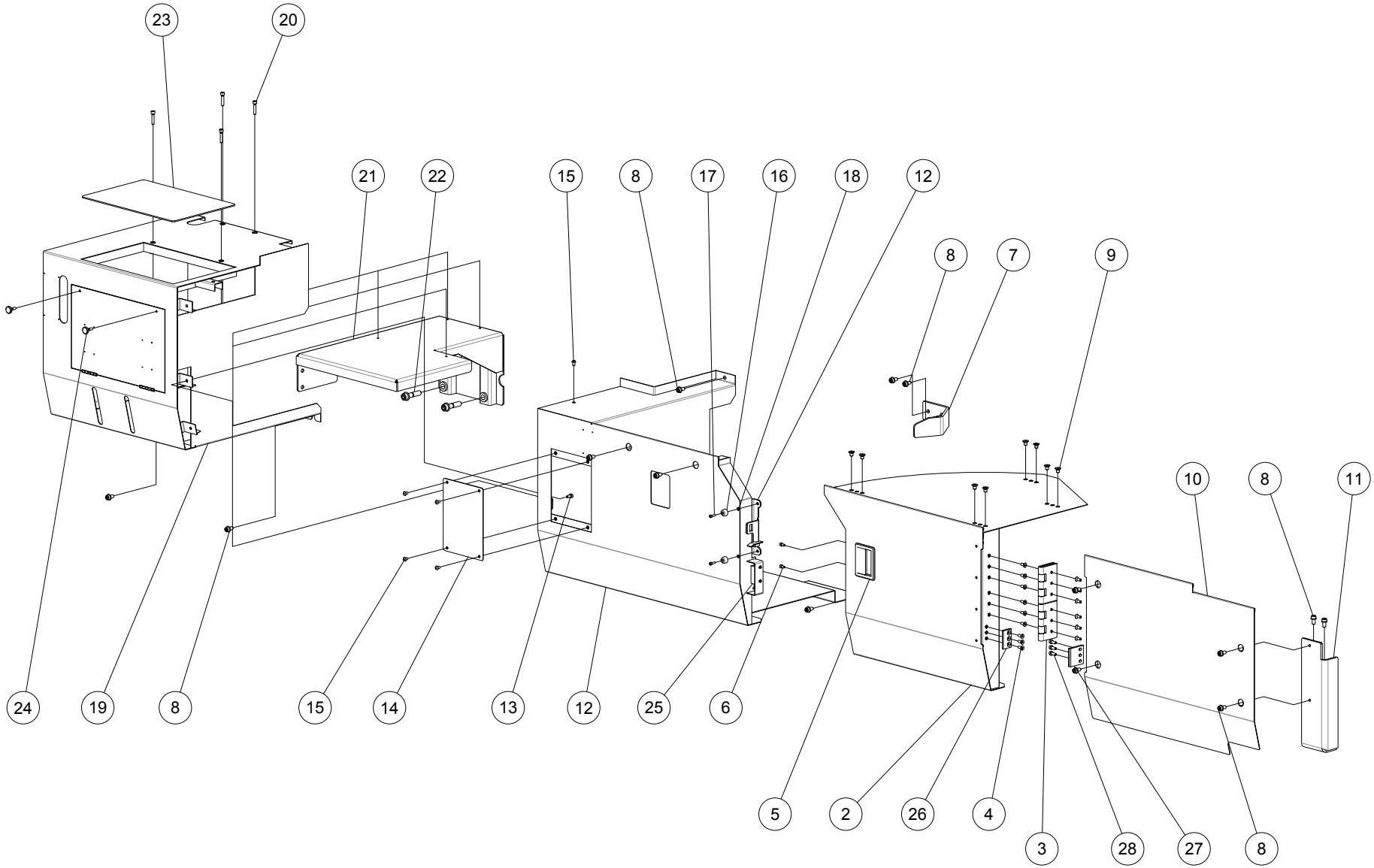
Unit No. 70 Cover BF EU <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74415265 P590175019	Oil Seal SIEGLING	V-8A	2
26	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	12
27	74902405 MA02777---	Top Cover Center		2
28	74569504 7830643	Button Head Screw MOURI	M6X12	12
29	74401849 CE00287---	Top Cover (Center Right)		1
30	74569504 7830643	Button Head Screw MOURI	M6X12	6
31	74902407 MA02779---	Top Cover (Right Hook)		1
32	74569504 7830643	Button Head Screw MOURI	M6X12	6
33	74902408 MA02780---	Top Cover (Right Side)		1
34	74569504 7830643	Button Head Screw MOURI	M6X12	6
35	74401850 CE00288---	Top Cover (Left Hook)		2
36	74569504 7830643	Button Head Screw MOURI	M6X12	12

Unit No. 70 Cover BF EU <Frame Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74401851 CE00260---	Right Side Cover Upper		1
38	74569504 7830643	Button Head Screw MOURI	M6X12	6
39	74401852 CE00261---	Right Side Under Cover		1
40	74569504 7830643	Button Head Screw MOURI	M6X12	6
41	74902415 MA02808---	Air Blower Cover		1
42	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
43	74417187 6876593	Stud (Unit)	H22	2
44	74776785 P330550043	Socket Set Screw JIS	M8X30(Flat Point)	2

Unit No. 71 Cover BF EU <Lower Turret Cover ASSY F>



(1) Lower Turret Cover ASSY F

CE00278---
(CE00240--A)

Unit No. 71 Cover BF EU <Lower Turret Cover ASSY F>

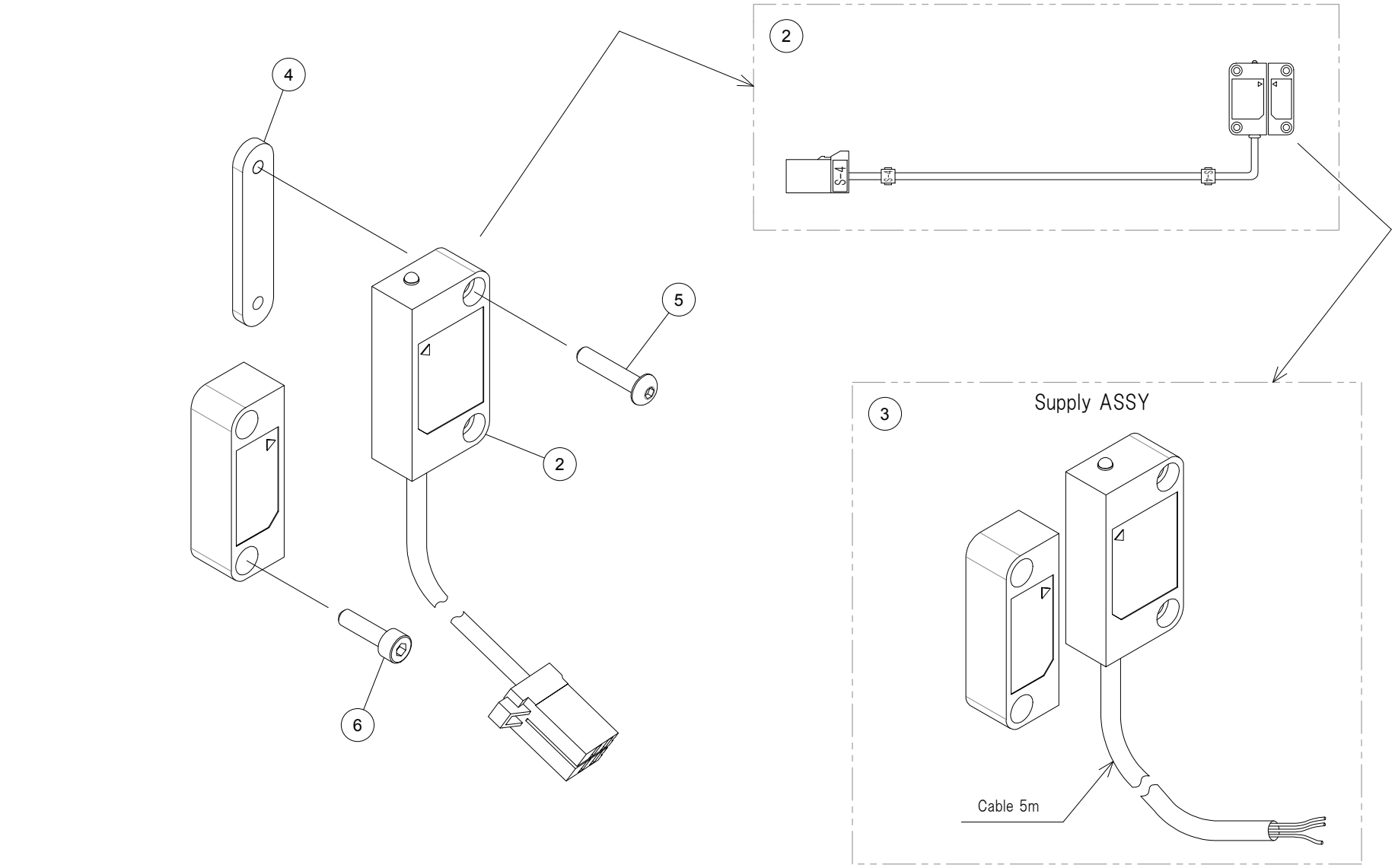
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00278---	Lower Turret Cover ASSY F	Index 2-28	1
2	74401853 CE00296---	Lower Turret Door		1
3	74776710 P313322003	Hinge TAKIGEN	B-1064-1	2
4	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	15
5	74419420 P317012022	Door Handle TAKIGEN	A-151R-2-2	1
6	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
7	74902421 MA02918--B	Lower Turret Door Holder		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	15
9	74903155 P334520057	Flat Head Bolt NISSAN NEJI	M8X12	8
10	74401854 CE00297---	Cover F		1
11	74902423 MA02926--B	Front Cover Bracket		1
12	74401855 CE00279---	Working Table Cover Right		1

Unit No. 71 Cover BF EU <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	3
14	74401856 CE00280---	Working Table Cover Plate		1
15	74183302 P334500013	Button Head Screw	M6X10	5
16	74300805 P229102002	Rubber Support TAKIGEN	C-30-RK-18	2
17	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
18	74183022 P336000003	Washer JIS	4(Small Round)	2
19	74401857 MA04196--A	Working Table Cover Left		1
20	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
21	74401858 MA03325--A	Working Table		1
22	74564606 P330468038	Flange Socket Bolt NISSAN NEJI	M12X50	4
23	74812702 3809778	Rubber Mat		1
24	74419683 6879264	Finger Screw		2

Unit No. 71 Cover BF EU <Lower Turret Cover ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	MA02920---	Door for Exchange LS ASSY		1
26	74401859 CE00243---	Stopper 1		1
27	74401860 CE00244---	Stopper 2		1
28	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	3

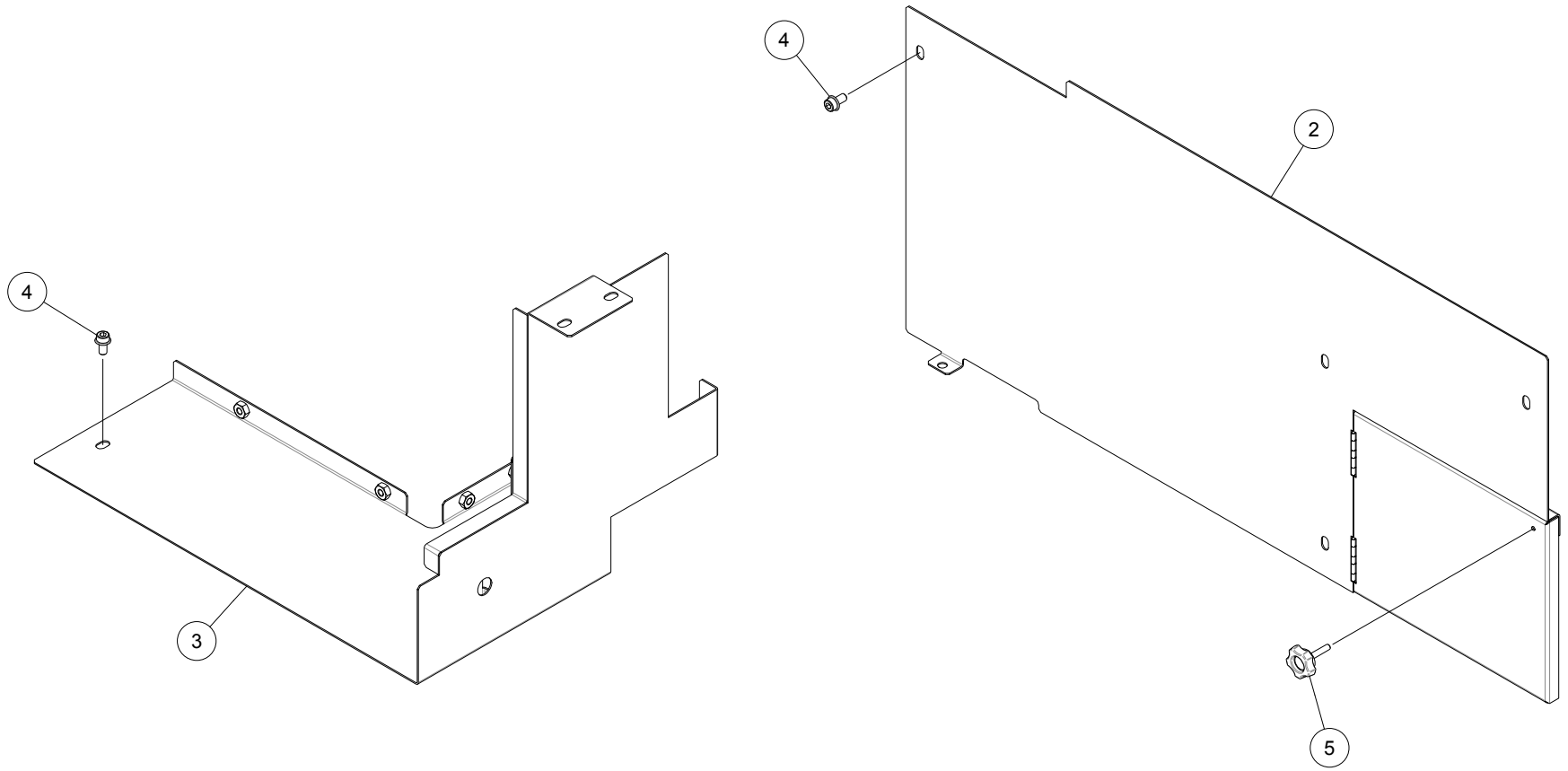


(1) Door for Exchange LS ASSY

MA02920---

Unit No. 72 Cover BF EU <Door for Exchange LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02920---	Door for Exchange LS ASSY	Index 2-6	1
2	74902422 MA02919--A	Cable S-4	with Index 3	1
3	74741655 P829602028	Door Switch OMRON	D40A-1C5 SQ22	1
4	74741652 3804224	Square Nut		1
5	74576882 P334500027	Button Head Screw JIS	M4X20	2
6	74183601 P330200018	Hex Socket Cap Screw	M4X15	2

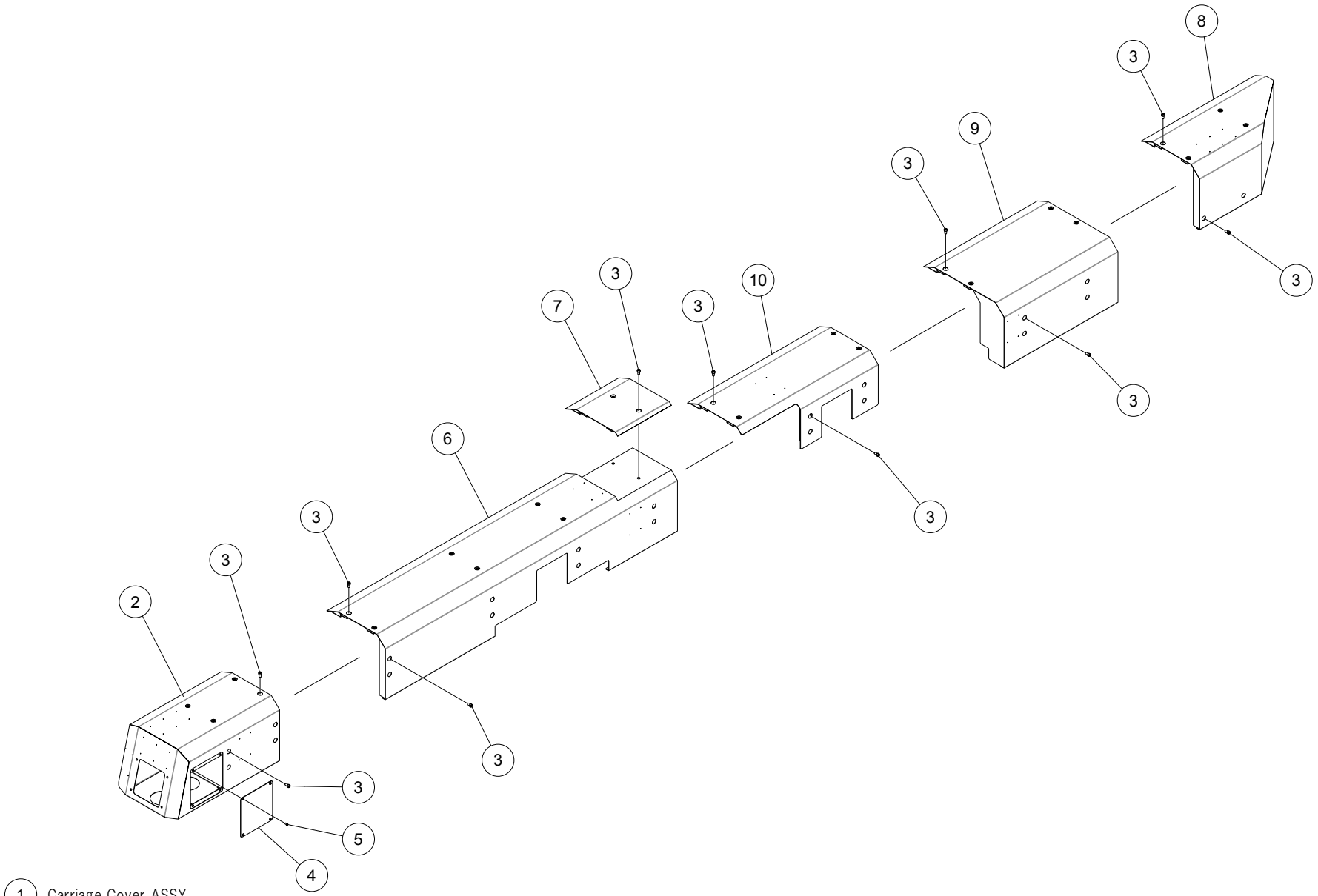


(1) Lower Turret Cover ASSY R

CE00281---

Unit No. 73 Cover BF EU <Lower Turret Cover ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00281---	Lower Turret Cover ASSY R	Index 2-5	1
2	74902691 MA05006---	Lower Turret Cover R1		1
3	74401861 CE00282---	Lower Turret Cover R2		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	9
5	74419683 6879264	Finger Screw		1

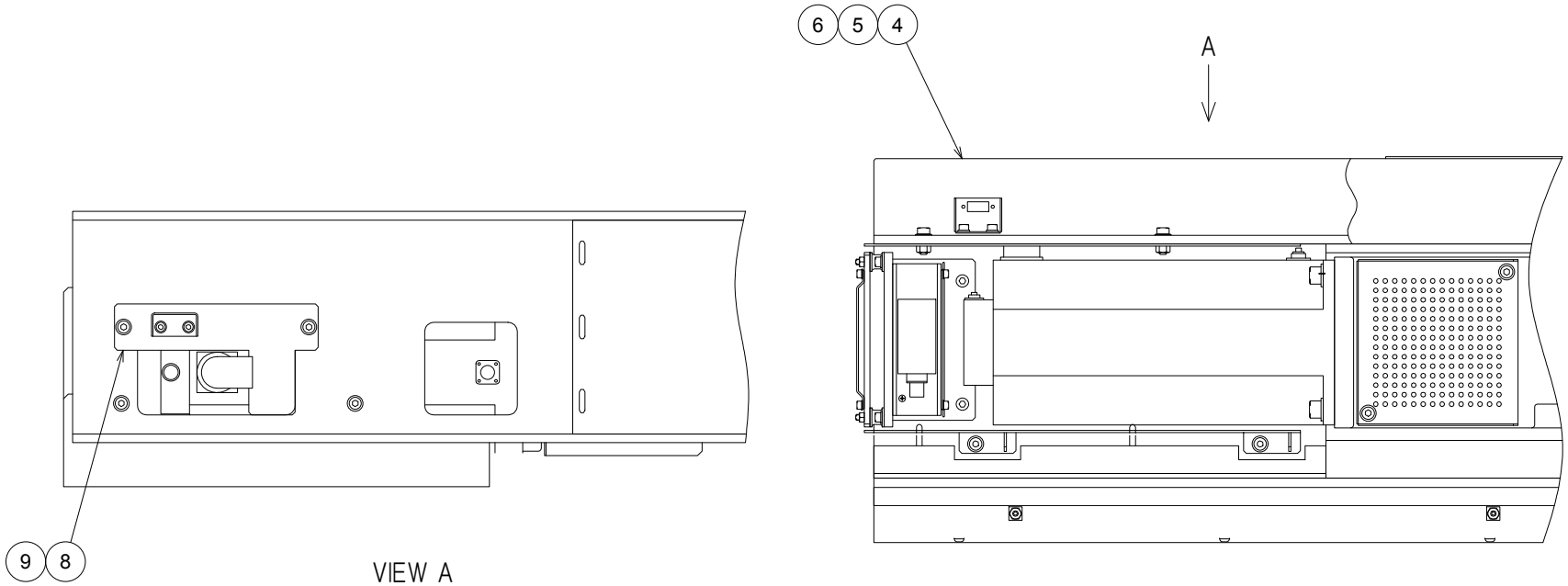


(1) Carriage Cover ASSY

CE01360---

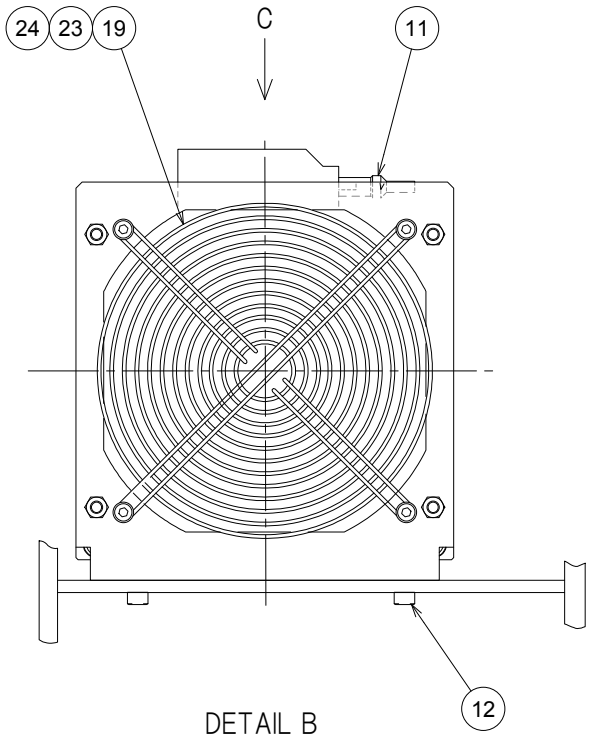
Unit No. 74 Cover BF EU <Carriage Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01360---	Carriage Cover ASSY	Index 2-10	1
2	74401862 CE01361---	Carriage Cover F1		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	46
4	74401863 CE01362---	Carriage Cover F1 Maintenance Lid		1
5	74183302 P334500013	Button Head Screw	M6X10	4
6	74401864 CE01363---	Carriage Cover F2		1
7	74401865 CE01364---	Carriage Cover F2 Lid		1
8	74401866 CE01365---	Carriage Cover R1		1
9	74401867 CE01366---	Carriage Cover R2		1
10	74401868 CE01367---	Wiring Cover		1

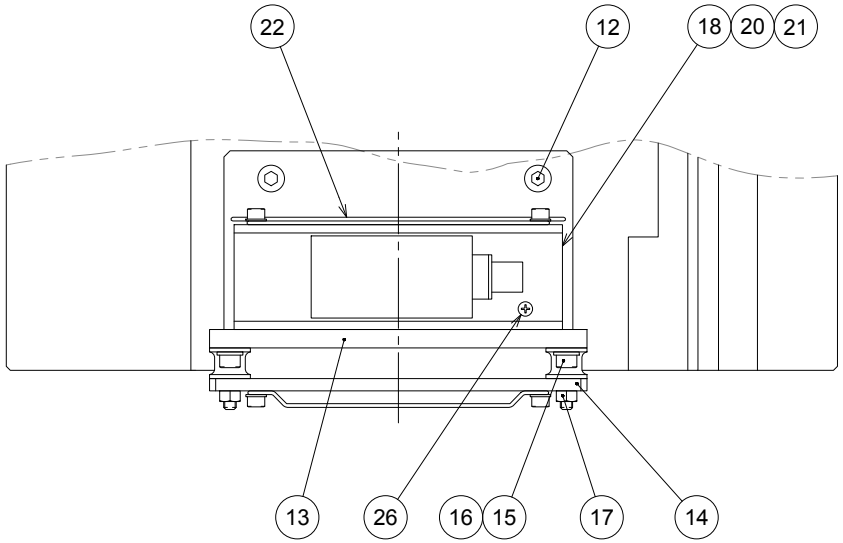


(1) X-axis Fan Installation

CE01350---
(6877384--B)



DETAIL B



VIEW C

(10) X-axis Fan ASSY

CE01350---
(6877384--B)

Unit No. 75 Cover BF EU <X-axis Fan Installation>

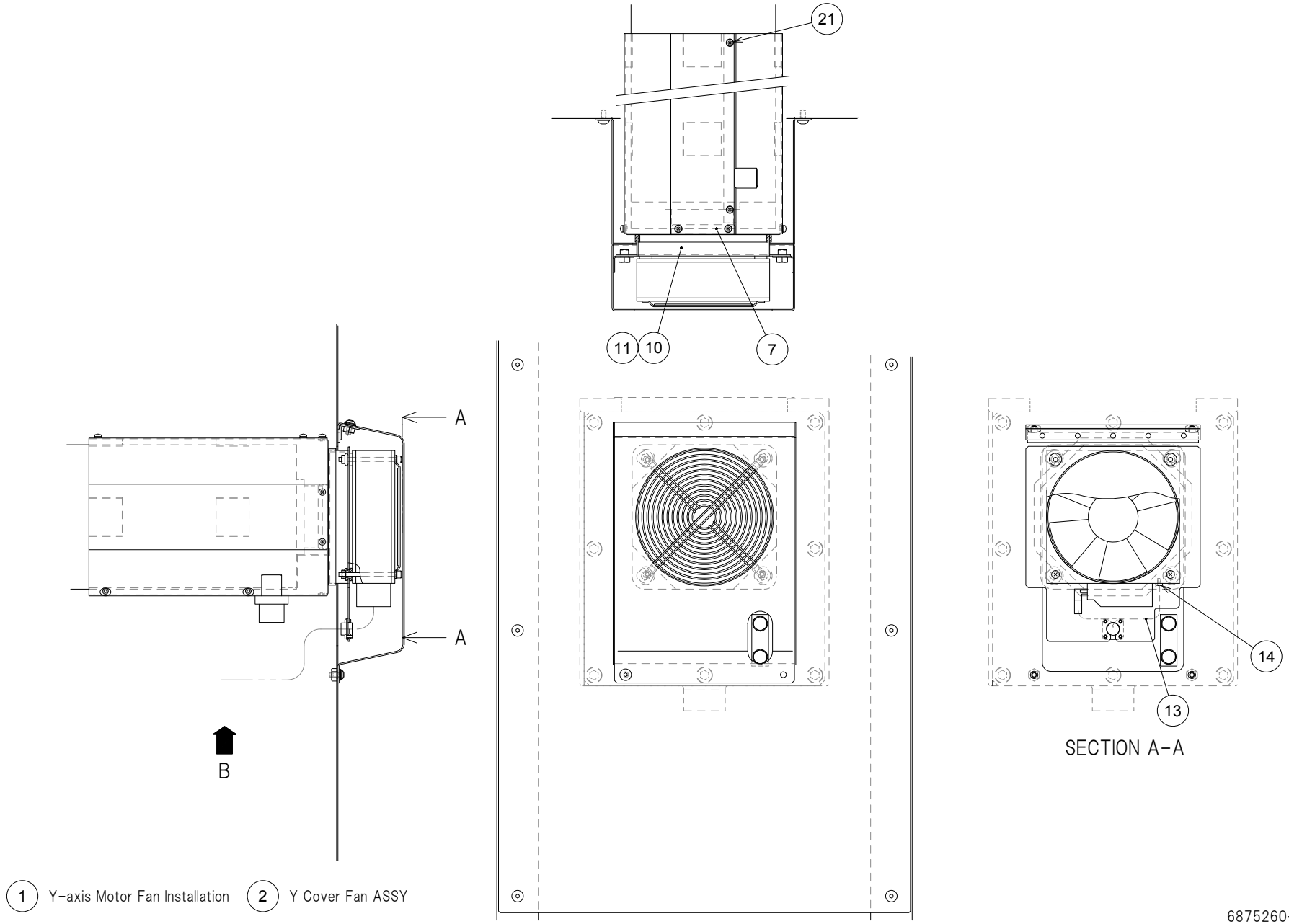
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01350---	X-axis Fan Installation	Index 2-26	1
2	74417155 6874404	Fan Cover		1
3	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	4
4	74400576 6873348--A	CN Bracket		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74159714 P336000005	Washer JIS	6(Normal)	2
7	74569473 P381058104	Cable Band KITAGAWA	SKB-85MM	2
8	74419619 6874372	Lid CN		1
9	74388239 P334318002	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M8X15	2
10	CE01351---	X-axis Fan ASSY	Index 11-26	1
11	74401869 CE01352---	Fan Bracket A		1
12	74183621 P330230006	Hex Socket Cap Screw	M8X20	4

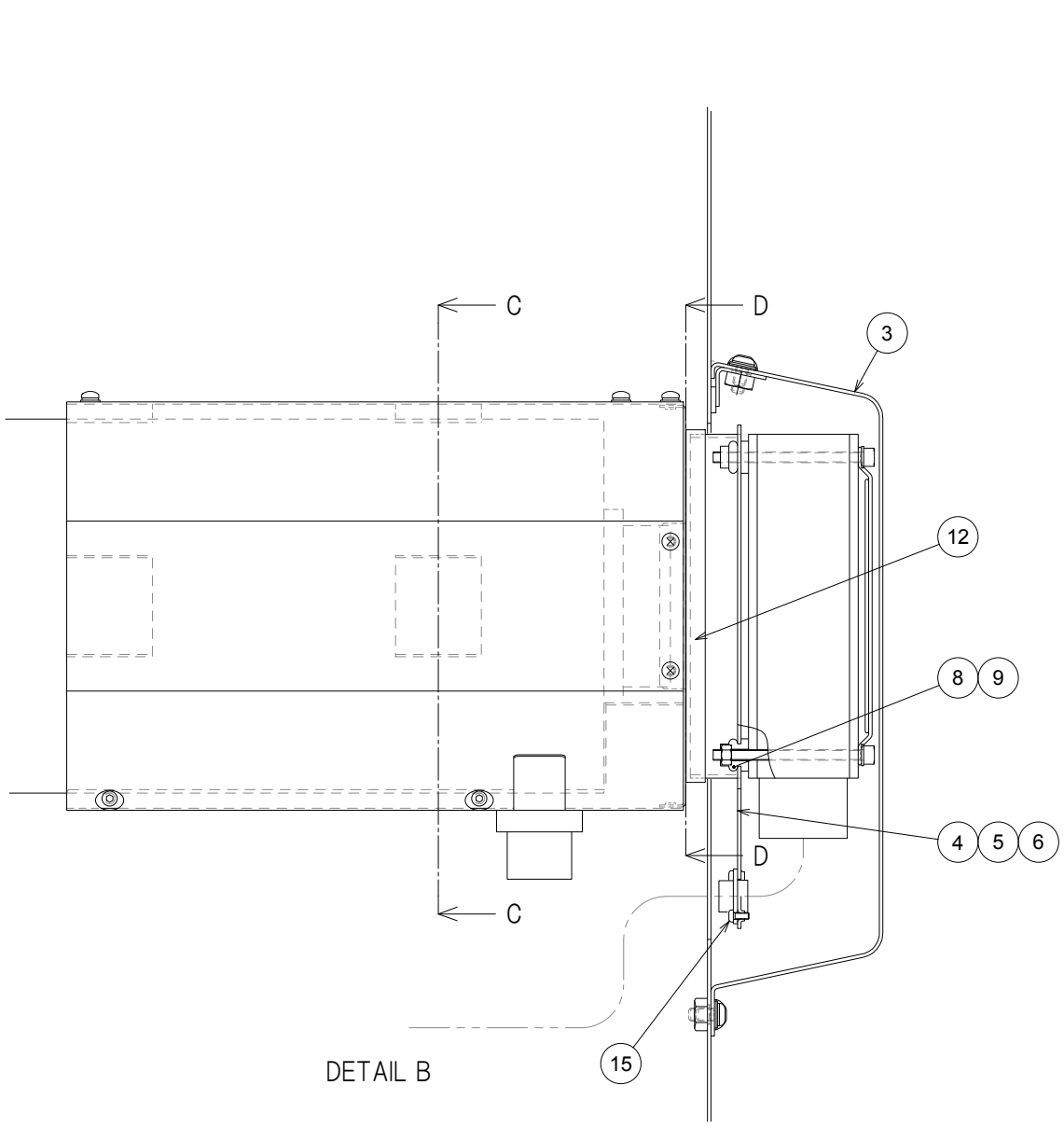
Unit No. 75 Cover BF EU <X-axis Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417159 6874403	Fan Bracket B		1
14	74564902 P382002022	Vibration Isolator KURASHIKI KAKO	KB-20	4
15	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	8
16	74159714 P336000005	Washer JIS	6(Normal)	8
17	74776801 P332000030	Nut JIS	M6(Type-1)	4
18	74401303 P538002001	Fan SANYO Electric	109-602	1
19	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
20	74354316 P330210017	Hex Socket Cap Screw	M5X60	4
21	74776840 P336000080	Washer	5(Normal)	4
22	74415339 P538072014	Accessory for Fan SANYO Electric	109-620	1
23	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
24	74776840 P336000080	Washer	5(Normal)	4

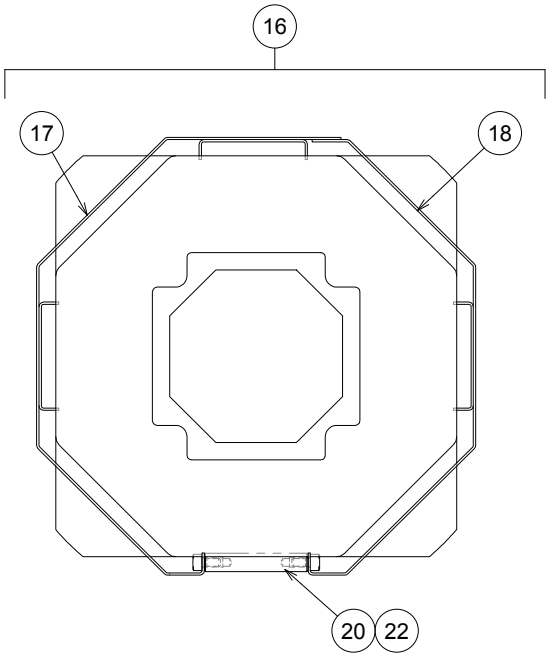
Unit No. 75 Cover BF EU <X-axis Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902439 MA03007---	Cable EV42-1		1
26	74307621 P334100015	Pan Head Screw JIS	M4X5	1

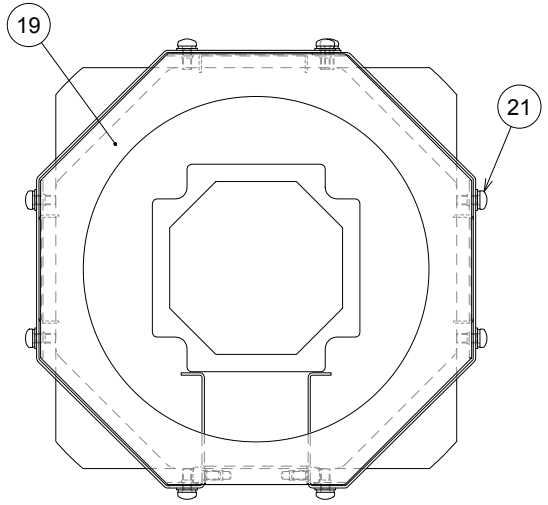

21
11
10
7
A
A
B
14
13
SECTION A-A
1 Y-axis Motor Fan Installation
2 Y Cover Fan ASSY
6875260--A



DETAIL B



SECTION C-C



SECTION D-D

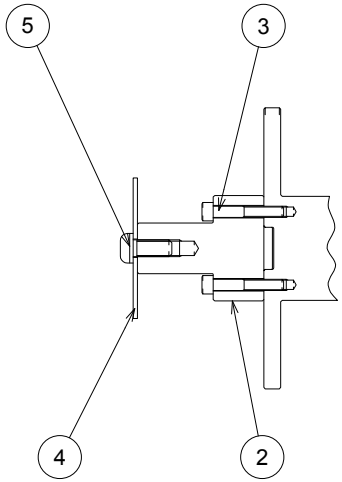
6875260--A

Unit No. 76 Cover BF EU <Y-axis Motor Fan Installation>

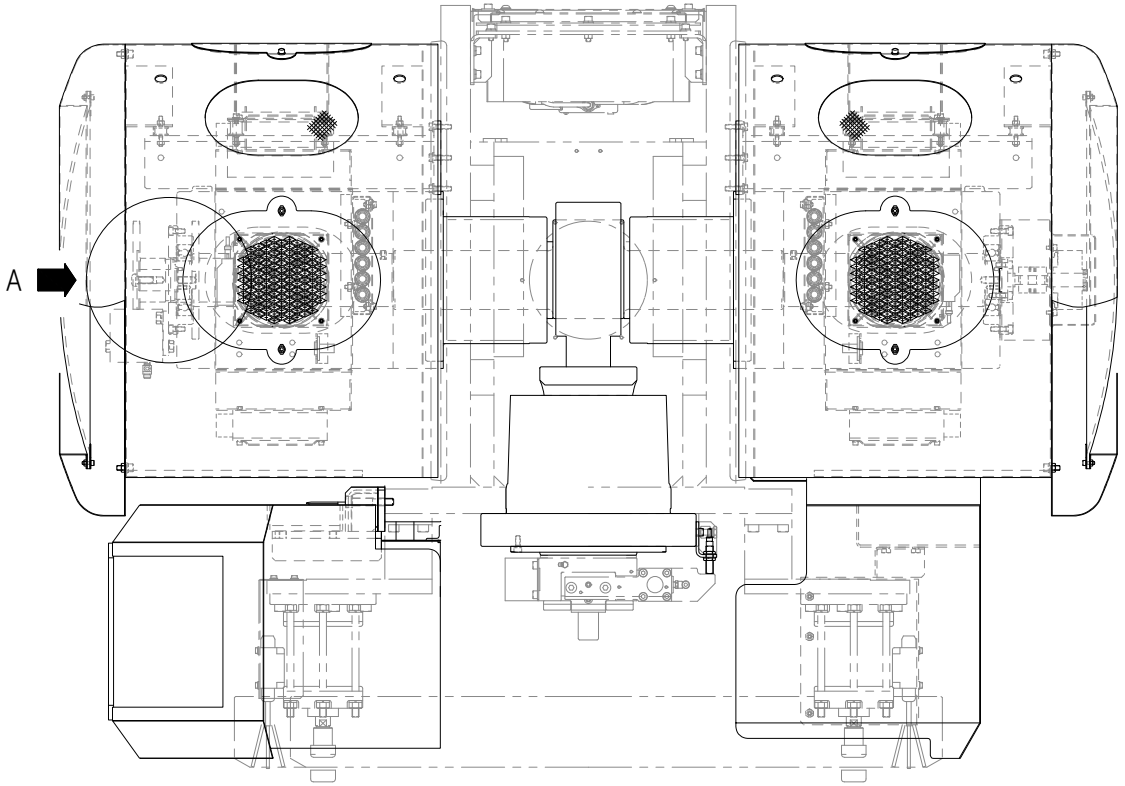
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875260 A	Y-axis Motor Fan Installation	Index 2-22	1
2	6874436	Y Cover Fan ASSY	Index 3-15	1
3	74418334 6875273	Fan Cover (Y)		1
4	74569504 7830643	Button Head Screw MOURI	M6X12	4
5	74420512 6875274 A	Fan Bracket Y		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74401303 P538002001	Fan SANYO Electric	109-602	1
8	74417149 P332248001	Antivibration Nut SWCC	Q-5	4
9	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
10	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
11	74776840 P336000080	Washer	5(Normal)	4
12	74306820 0383322 A	Rubber Packing		1

Unit No. 76 Cover BF EU <Y-axis Motor Fan Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417150 6874554	Cable EV43-1		1
14	74307621 P334100015	Pan Head Screw JIS	M4X5	1
15	74355801 P334100003	Pan Head Screw JIS	M3X6	4
16	 6875809	Motor Cover Kit	 Index 17-22	1
17	74417151 6875810	Motor Cover 1		1
18	74417152 6875811	Motor Cover 2		1
19	74417153 6875812	Motor Cover 3		1
20	74417154 6875813	Stud (Motor Cover)		1
21	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	8
22	74413041 P330200014	Hex Socket Cap Screw	M4X8	4

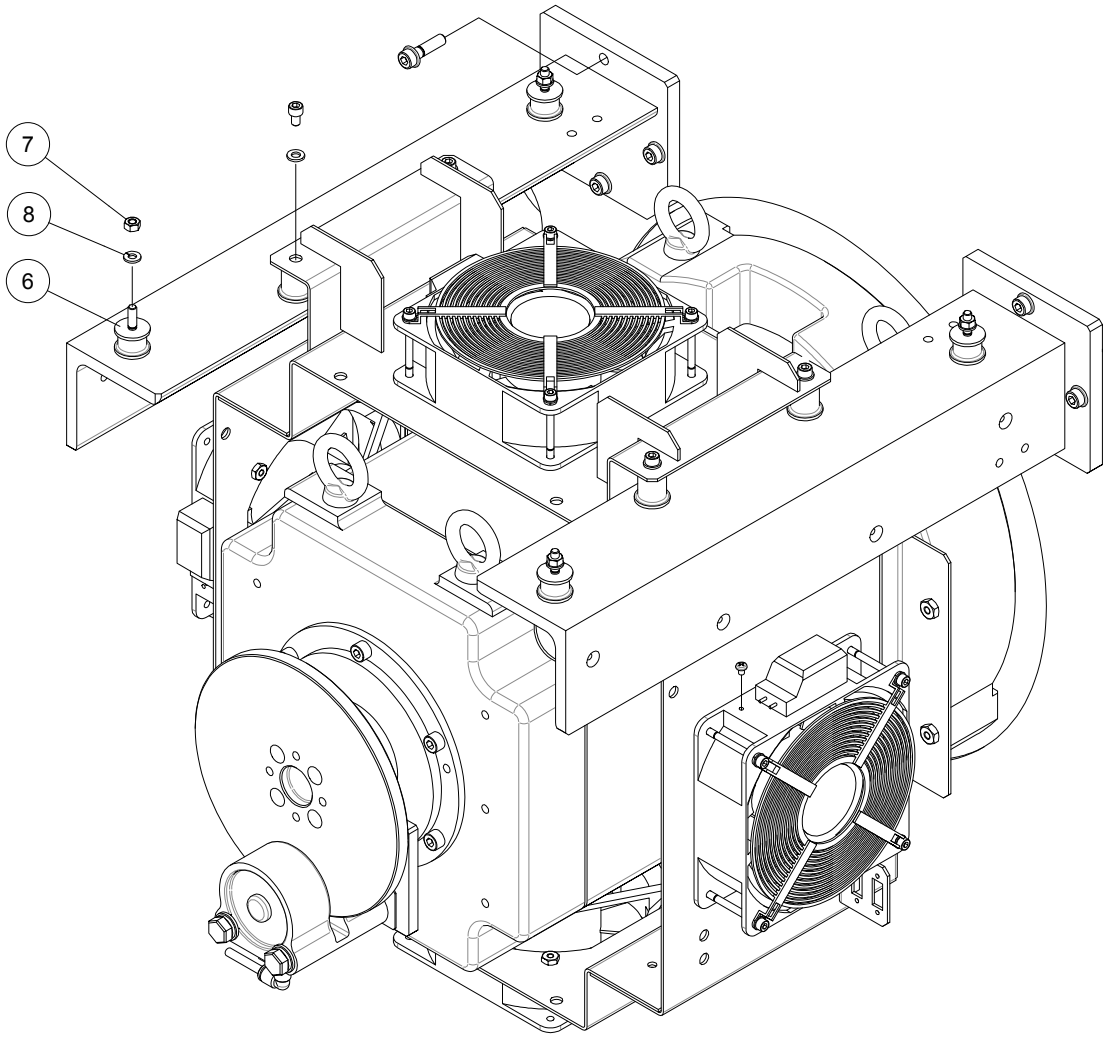


DETAIL A



(1) Drive Cover ASSY

CE03150---
(6875258---)



CE03150---
(6875258---)

Unit No. 77 Cover BF EU <Drive Cover ASSY>

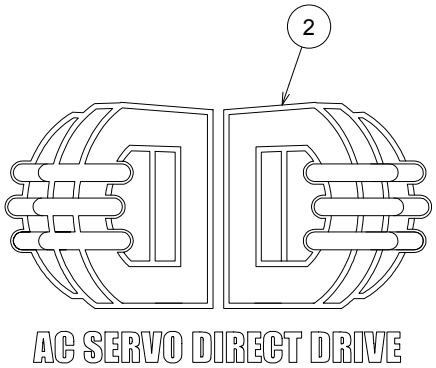
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03150---	Drive Cover ASSY	Index 2-8	1
2	74400577 6827285--A	Pointer Base		1
3	74183630 P330230012	Hex Socket Cap Screw	M8X50	4
4	74382232 6533019	Indicator		1
5	74380159 P334500025	Button Head Screw JIS	M12X20	1
6	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	8
7	74776801 P332000030	Nut JIS	M6(Type-1)	16
8	74178737 P336050005	Spring Washer JIS	6	8

< List Only >

CE03151---

Unit No. 78 Cover BF EU <Drive Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03151---	Drive Cover ASSY	Index 2-4	1
2	CE03152---	Drive Cover (F) ASSY		1
3	CE03153---	Drive Cover (R) ASSY		1
4	CE03154---	Drive Cover TOP ASSY		1

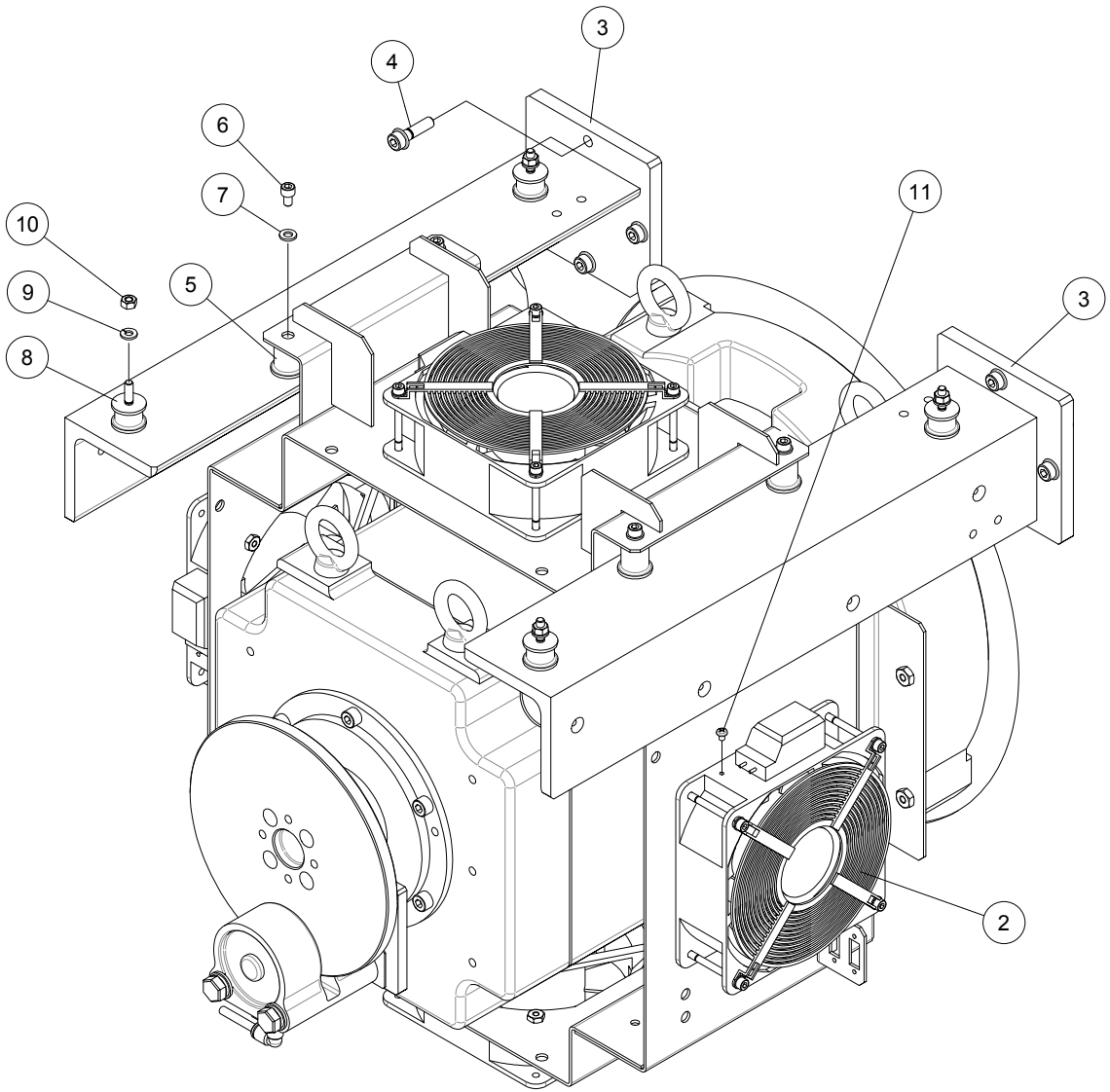


(1) Name Plate ASSY DD

CE03158---

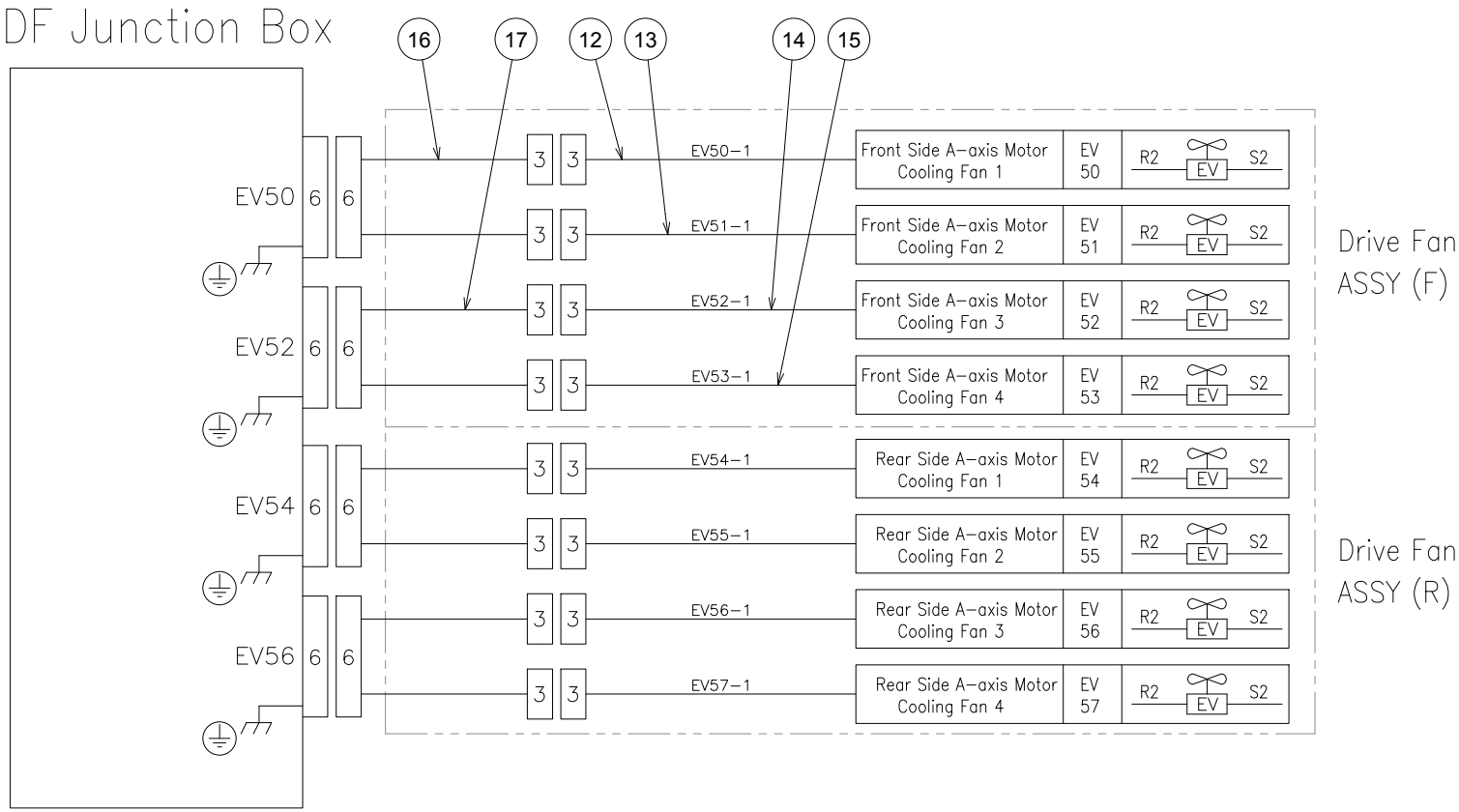
Unit No. 79 Cover BF EU <Name Plate ASSY DD>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03158---	Name Plate ASSY DD	Index 2	1
2	74400590 CE02724---	DD Mark 150		2



(1) Drive Fan ASSY F

CE00437---


DF Junction Box
16
17
12
13
14
15
EV50
EV52
EV54
EV56
6
6
3
3
EV50−1
EV51−1
EV52−1
EV53−1
EV54−1
EV55−1
EV56−1
EV57−1
Front Side A−axis Motor Cooling Fan 1
Front Side A−axis Motor Cooling Fan 2
Front Side A−axis Motor Cooling Fan 3
Front Side A−axis Motor Cooling Fan 4
Rear Side A−axis Motor Cooling Fan 1
Rear Side A−axis Motor Cooling Fan 2
Rear Side A−axis Motor Cooling Fan 3
Rear Side A−axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)

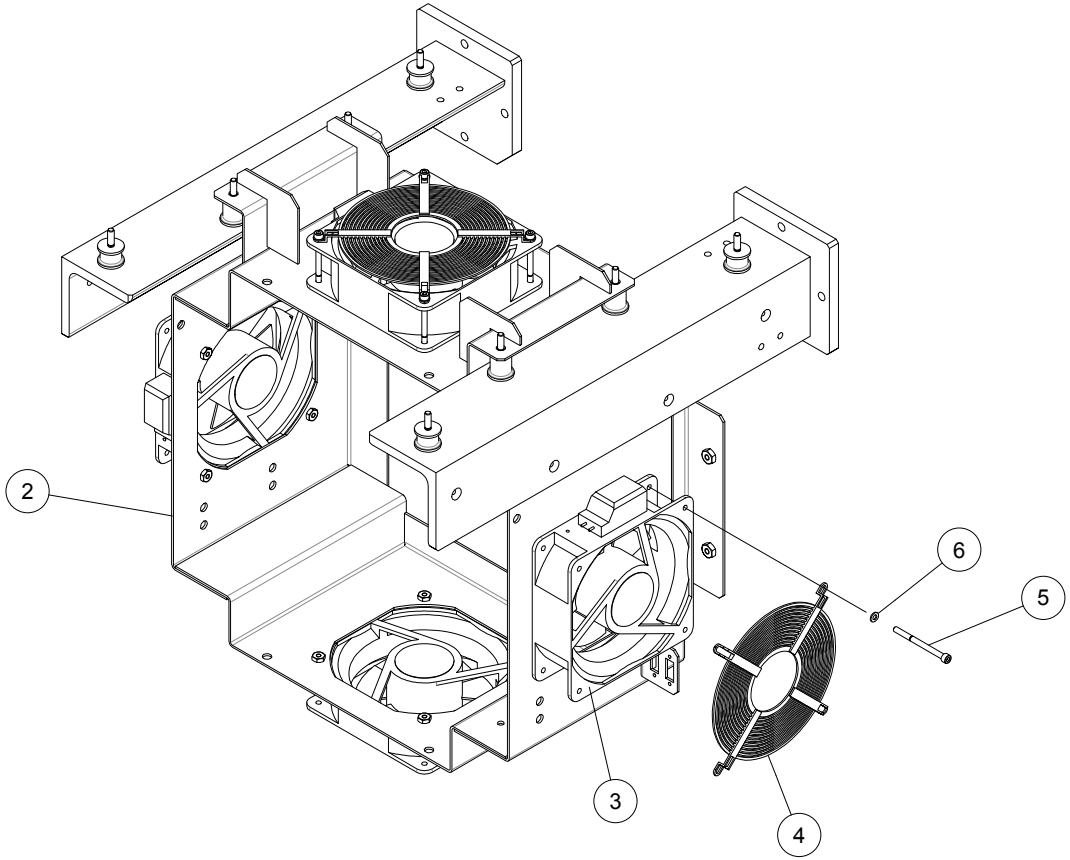
CE00391---

Unit No. 80 Cover BF EU <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00437---	Drive Fan ASSY F	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400578 6870465--A	Cable EV50-1		1

Unit No. 80 Cover BF EU <Drive Fan ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400579 6870466--A	Cable EV51-1		1
14	74415971 6870467	Cable EV52-1		1
15	74400580 6870468--A	Cable EV53-1		1
16	74400581 CE00325---	Cable EV50		1
17	74400582 CE00326---	Cable EV52		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12

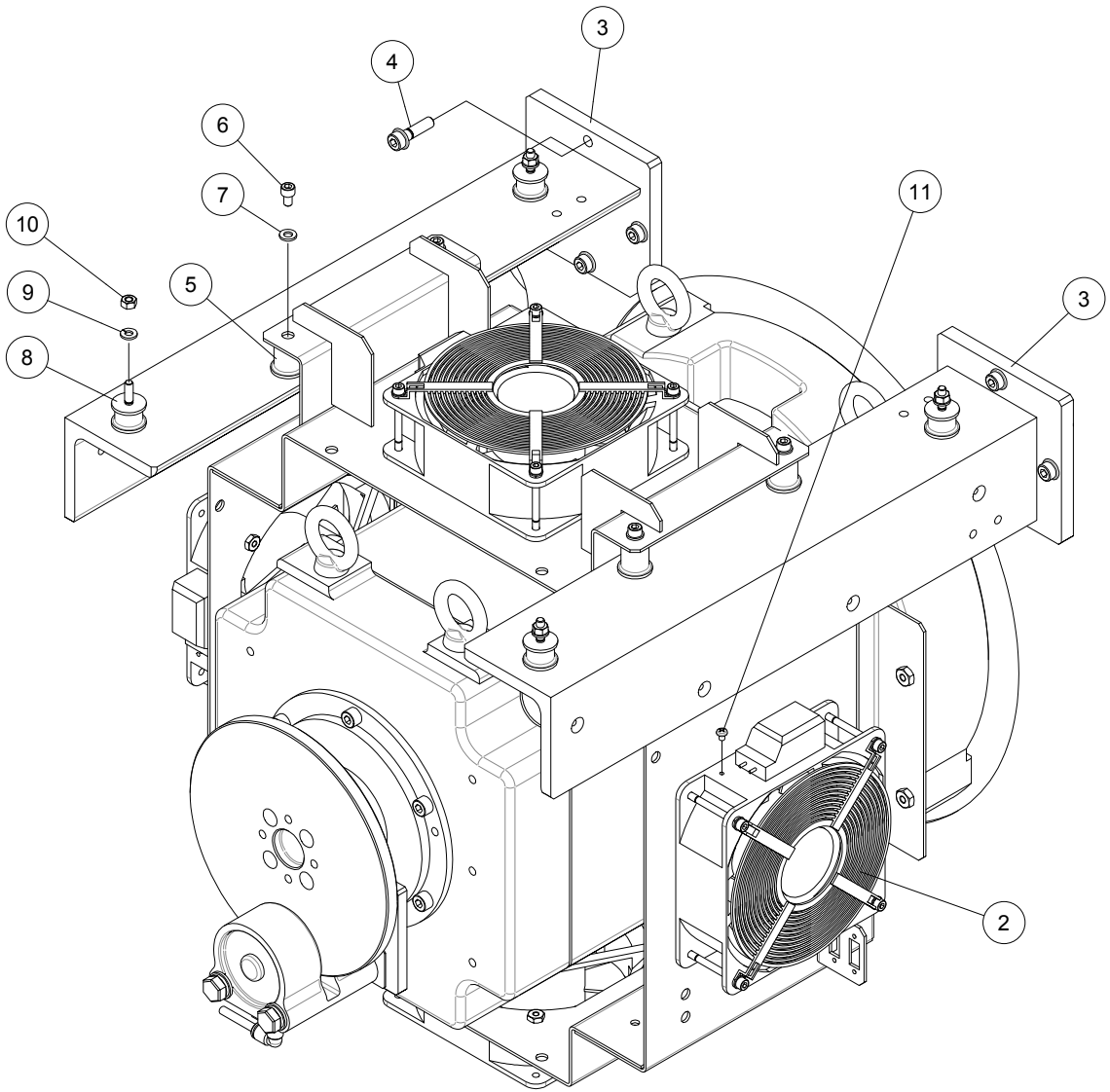


(1) Fan ASSY

6885417---

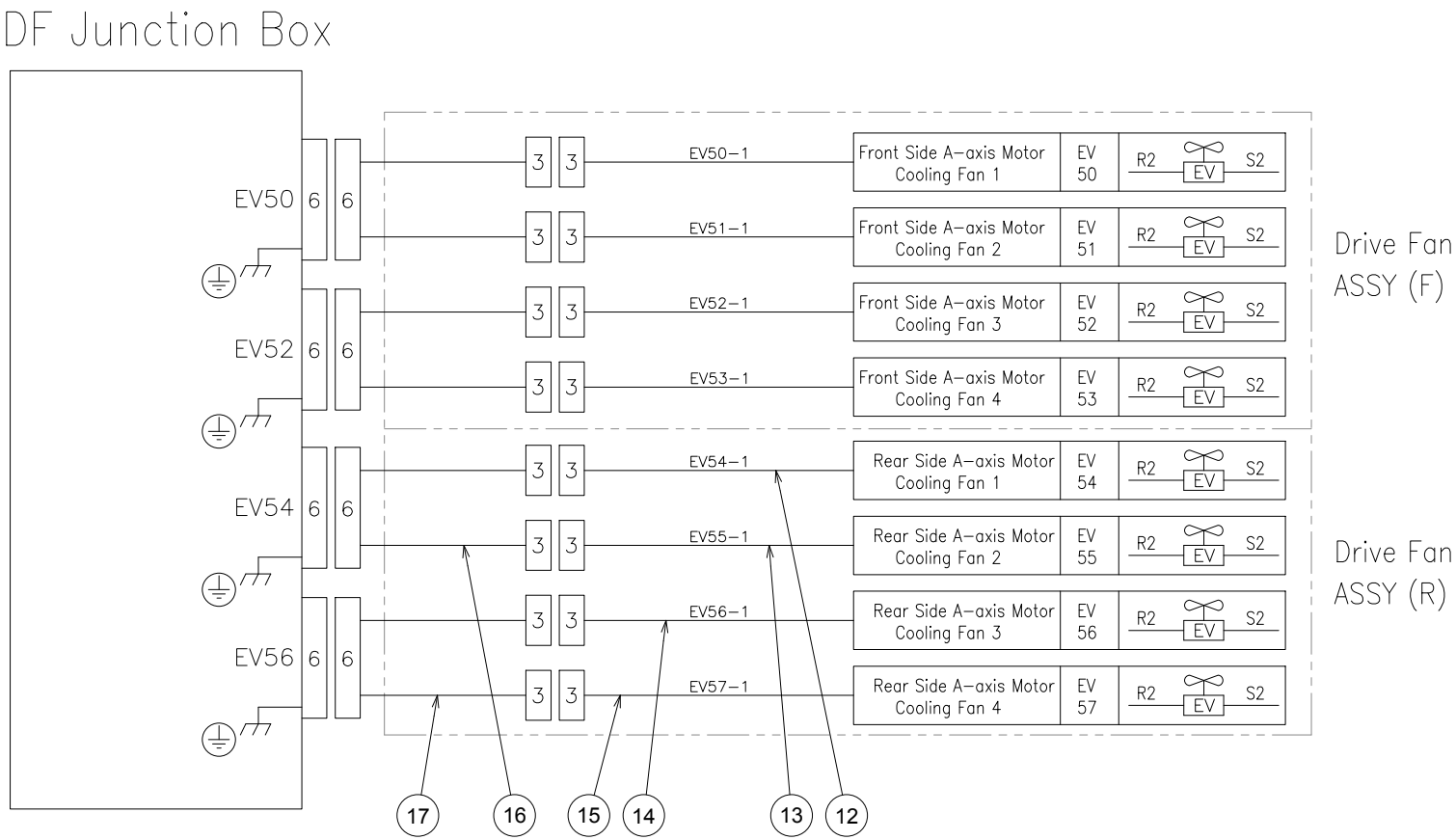
Unit No. 81 Cover BF EU <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6885417---	Fan ASSY	Index 2-6	1
2	74400583 6885416---	Fan Bracket		1
3	74401303 P538002001	Fan SANYO Electric	109-602	4
4	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	4
5	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	16
6	74776840 P336000080	Washer	5(Normal)	16



(1) Drive Fan ASSY R

CE00438---


DF Junction Box
EV50
EV52
EV54
EV56
6
6
3
3
EV50−1
EV51−1
EV52−1
EV53−1
EV54−1
EV55−1
EV56−1
EV57−1
Front Side A−axis Motor Cooling Fan 1
Front Side A−axis Motor Cooling Fan 2
Front Side A−axis Motor Cooling Fan 3
Front Side A−axis Motor Cooling Fan 4
Rear Side A−axis Motor Cooling Fan 1
Rear Side A−axis Motor Cooling Fan 2
Rear Side A−axis Motor Cooling Fan 3
Rear Side A−axis Motor Cooling Fan 4
EV 50
EV 51
EV 52
EV 53
EV 54
EV 55
EV 56
EV 57
R2
EV
S2
Drive Fan ASSY (F)
Drive Fan ASSY (R)
17
16
15
14
13
12

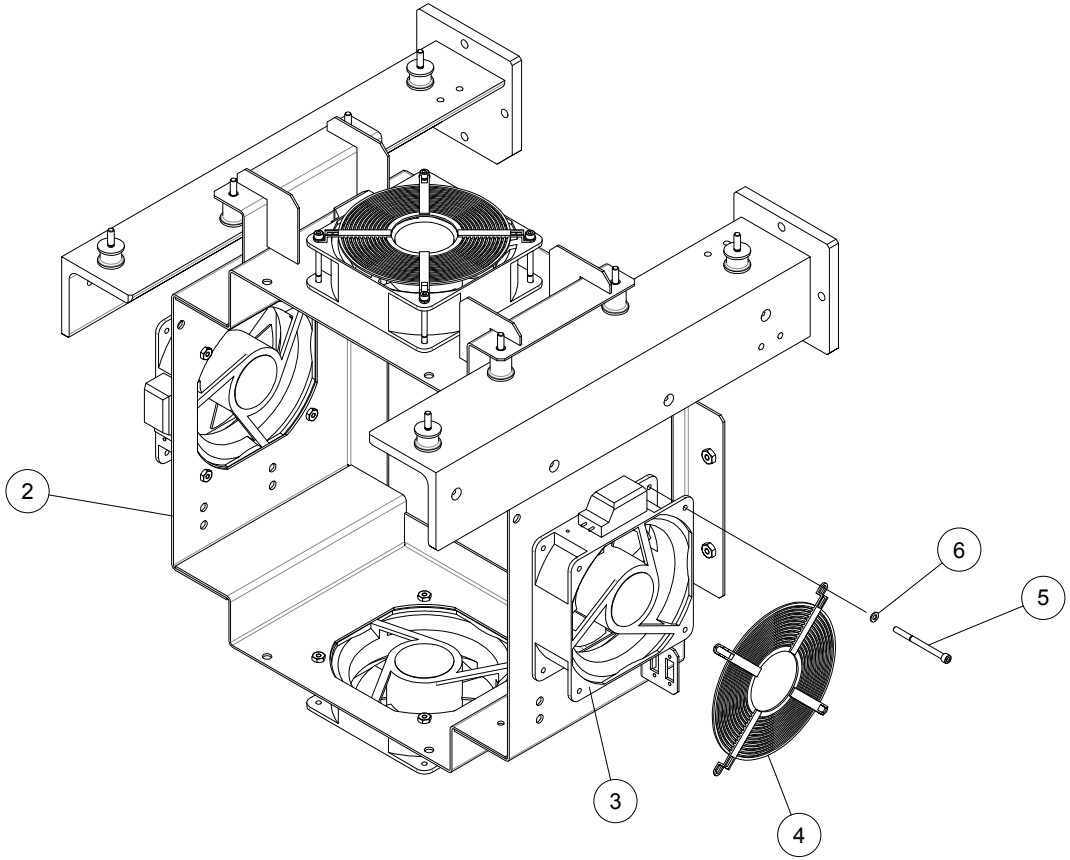
CE00391---

Unit No. 82 Cover BF EU <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00438---	Drive Fan ASSY R	Index 2-19	1
2	6885417---	Fan ASSY		1
3	74418336 6875284	Fan Bracket Base		2
4	74613383 P330468002	Flange Socket Bolt NISSAN NEJI	M8X30	8
5	74415349 P382002065	Vibration Isolator KURASHIKI KAKO	RA-25-27H	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
7	74159714 P336000005	Washer JIS	6(Normal)	4
8	74903248 P382002031	Vibration Isolator KURASHIKI KAKO	KA-25	4
9	74178737 P336050005	Spring Washer JIS	6	4
10	74776801 P332000030	Nut JIS	M6(Type-1)	8
11	74307621 P334100015	Pan Head Screw JIS	M4X5 for Ground Wire	4
12	74400584 6870469--A	Cable EV54-1		1

Unit No. 82 Cover BF EU <Drive Fan ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400585 6870470--A	Cable EV55-1		1
14	74400586 6870471--A	Cable EV56-1		1
15	74400587 6870472--A	Cable EV57-1		1
16	74400588 CE00327---	Cable EV54		1
17	74400589 CE00328---	Cable EV56		1
18	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet) List Only	8
19	74575246 P381058097	Cable Band KITAGAWA	SKB-4M List Only	12



(1) Fan ASSY

6885417---

Unit No. 83 Cover BF EU <Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6885417---	Fan ASSY	Index 2-6	1
2	74400583 6885416---	Fan Bracket		1
3	74401303 P538002001	Fan SANYO Electric	109-602	4
4	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	4
5	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	16
6	74776840 P336000080	Washer	5(Normal)	16

< List Only >

CE02219---

Unit No. 84 Cover BF EU <Name Plate Layout CE>

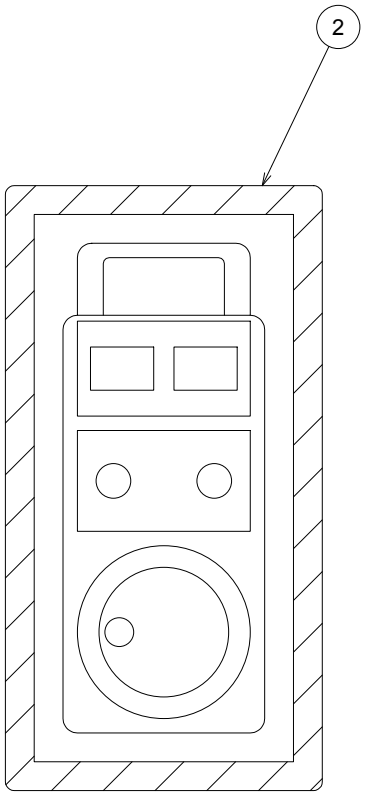
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02219---	Name Plate Layout CE	Index 2-26	1
2	74454107 6634634 A	AMADA Plate #140		1
3	74450038 6893755	Name Plate X		1
4	74450039 6893756	Name Plate Y		1
5	74450040 6893757	Name Plate T		1
6	74450041 6893758	Name Plate C		1
7	74450042 6893759	Name Plate A		2
8	74379098 P360200003	Charging Mark JIS	JISB6015-80H	10
9	74777283 QZZ050840	Sticker	AS-K1001-C	7
10	74700594 6541165	Name Plate		1
11	74902622 MA04190---	Warning Plate		17
12	74700596 6541167	Name Plate		1

Unit No. 84 Cover BF EU <Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776546 6170009 A	Caution Plate	AS-K1006	4
14	74450043 6893760	Name Plate		1
15	74383721 6593002	Name Plate		1
16	74700583 1500049 A	Name Plate		1
17	74388275 6597097	Name Plate 2		2
18	74902424 MA02937---	Sticker 1 EXP		1
19	74453332 3832513	Timing Belt Sticker		1
20	74453333 3832514	Timing Belt Sticker		1
21	74741789 1660593 A	AMADA Plate	#60	2
22	74722554 6576696	Name Plate	D220	1
23	74401920 1279130---	CE Mark Plate		1
24	74169632 P339100002	Drive Screw Tokyo Byora	NO.2X4.8	4

Unit No. 84 Cover BF EU <Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902075 6593004--C	Number Plate		1
26	74379097 P339070006	Rivet JIS	6X12(Round)Steel	4



(1) Name Plate ASSY (Handy Pulsar)

CE02181---

Unit No. 85 Cover BF EU <Name Plate ASSY (Handy Pulsar)>

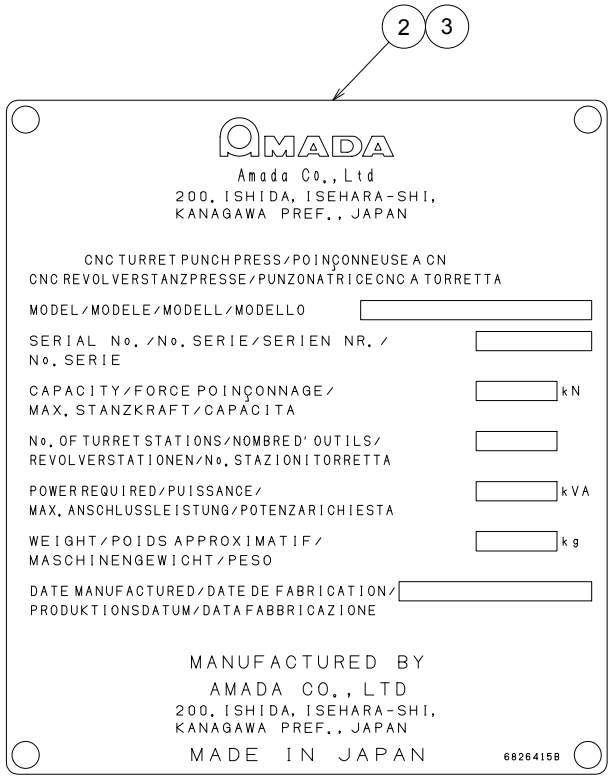
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Name Plate ASSY (Handy Pulsar)		1
	CE02181---		Index 2	
2	74401872	Name Plate		1
	MA07315---			

(1) Model Plate ASSY 3510B

CE02174---

Unit No. 86 Cover BF EU <Model Plate ASSY 3510B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02174---	Model Plate ASSY 3510B	Index 2	1
2	74401873 / CE03161---	Model Plate		1

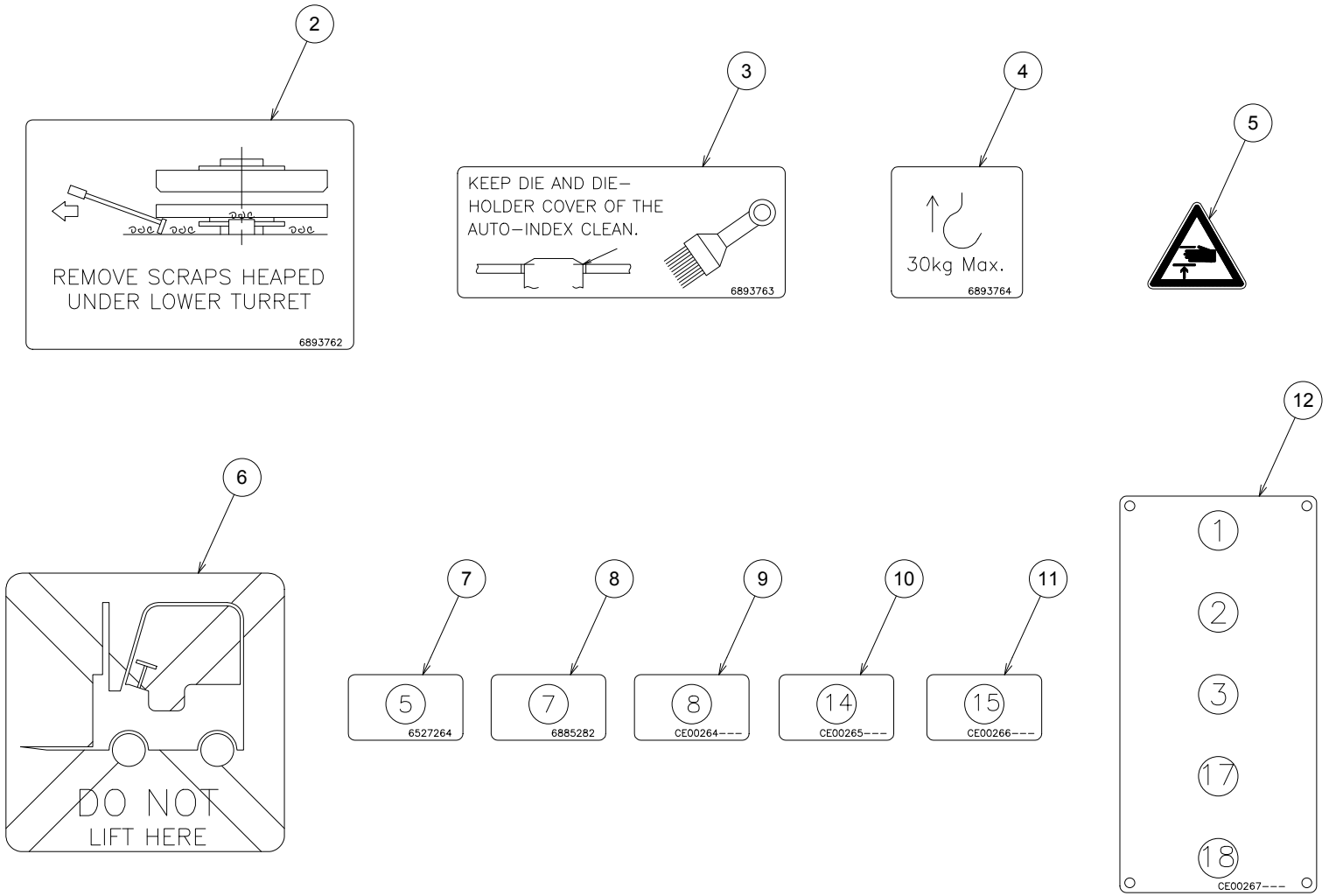


(1) Serial Plate ASSY 4-Languages

6826415--B

Unit No. 87 Cover BF EU <Serial Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Serial Plate ASSY 4-Languages		1
	6825046---		Index 23	
2	74400507	Serial Plate		1
	6826415--B			
3	74379097	Rivet	6X12(Round)Steel	4
	P339070006	JIS		



(1) Name Plate ASSY CE

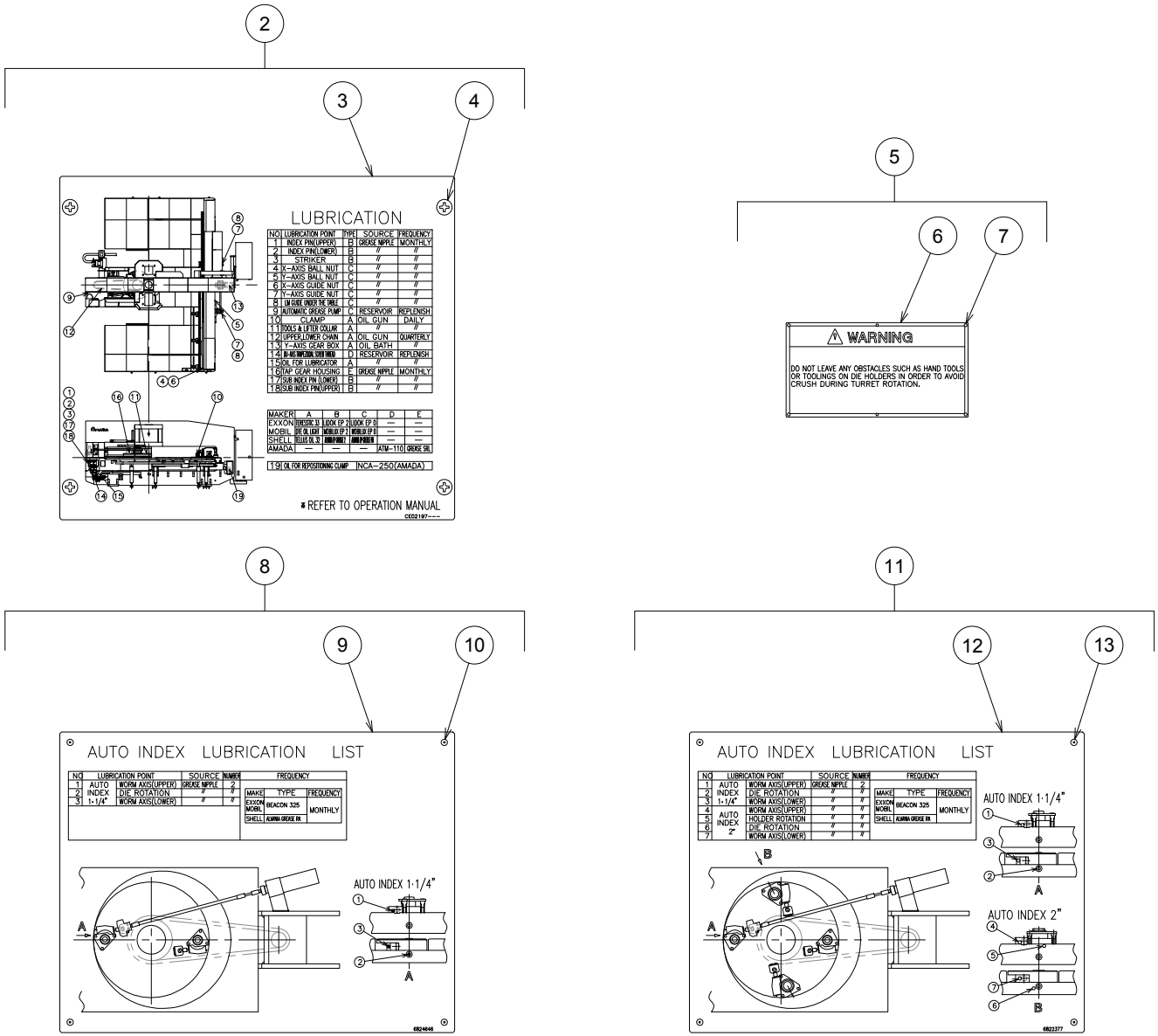
CE00250---

Unit No. 88 Cover BF EU <Name Plate ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00250---	Name Plate ASSY CE	Index 2-13	1
2	74450016 6893762	Caution Plate 1		1
3	74450017 6893763	Caution Plate 2		1
4	74450018 6893764	Name Plate 1		1
5	74450019 6893765	Name Plate 2		1
6	74419480 3809322	Caution Plate		1
7	74452633 6527264	Name Plate		1
8	74400602 6885282---	Name Plate YLM		4
9	74401921 CE00264---	Name Plate CE		2
10	74401922 CE00265---	Name Plate CE		1
11	74401923 CE00266---	Name Plate C		1
12	74401924 CE00267---	Name Plate CE		1

Unit No. 88 Cover BF EU <Name Plate ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX	List Only	



(1) Name Plate ASSY CE E

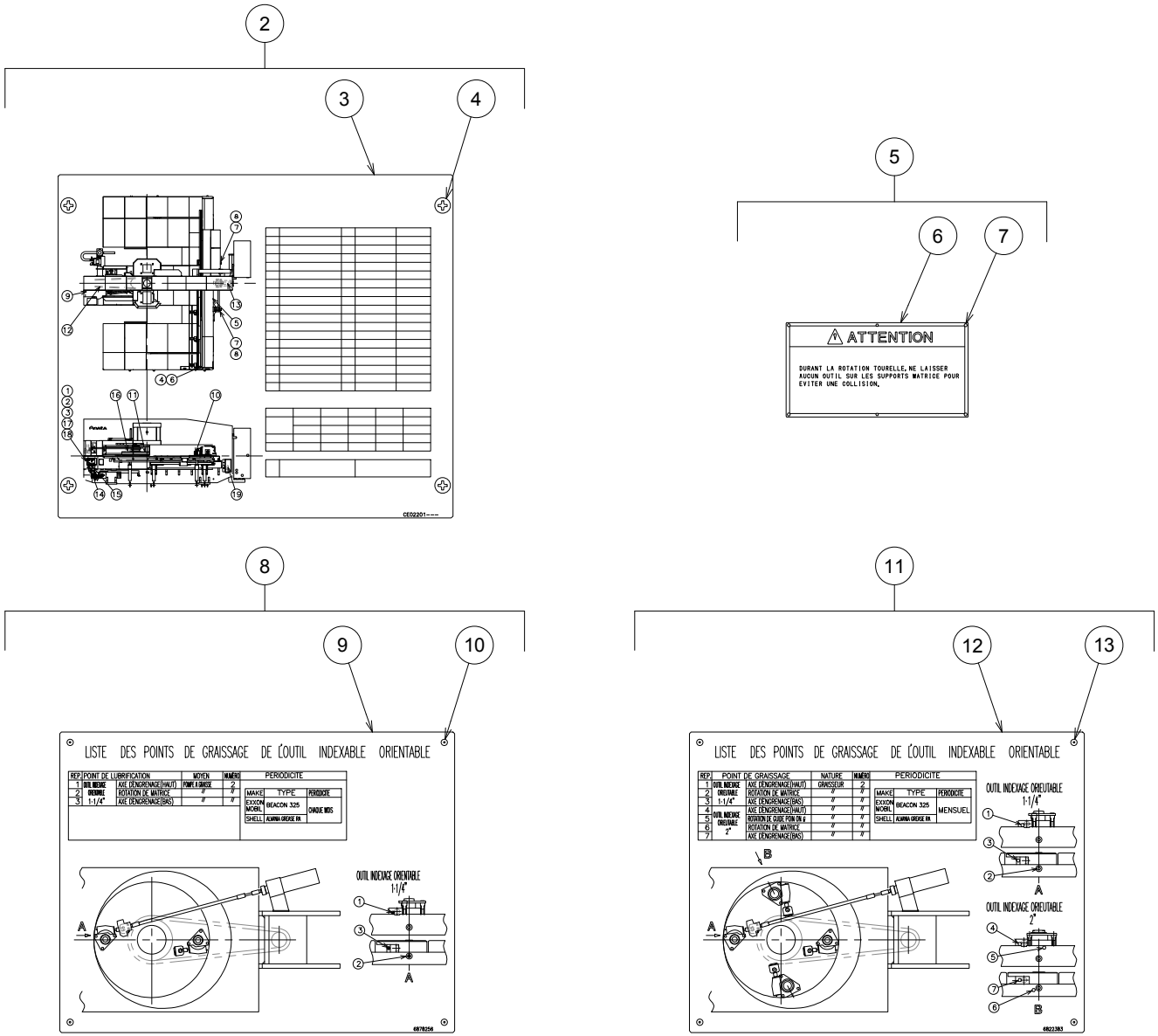
CE00251---

Unit No. 89 Cover BF EU <Name Plate ASSY CE E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00251---	Name Plate ASSY CE E	Index 2-13	1
2	CE02177---	Body Name Plate ASSY E	Index 34	1
3	74401910 CE02197---	Name Plate		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	4
5	MA07252---	Name Plate ASSY E	Index 67	1
6	74387344 7407311	Warning Plate		1
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
8	6824642	Name Plate 2AI ENG	Index 910/2AI	1
9	74577415 6824646	Name Plate 2AI		1
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
11	6822376	Name Plate ENG	Index 1213/4AI	1
12	74569601 6822377	Name Plate 4AI ENG		1

Unit No. 89 Cover BF EU <Name Plate ASSY CE E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		



(1) Name Plate ASSY CE F

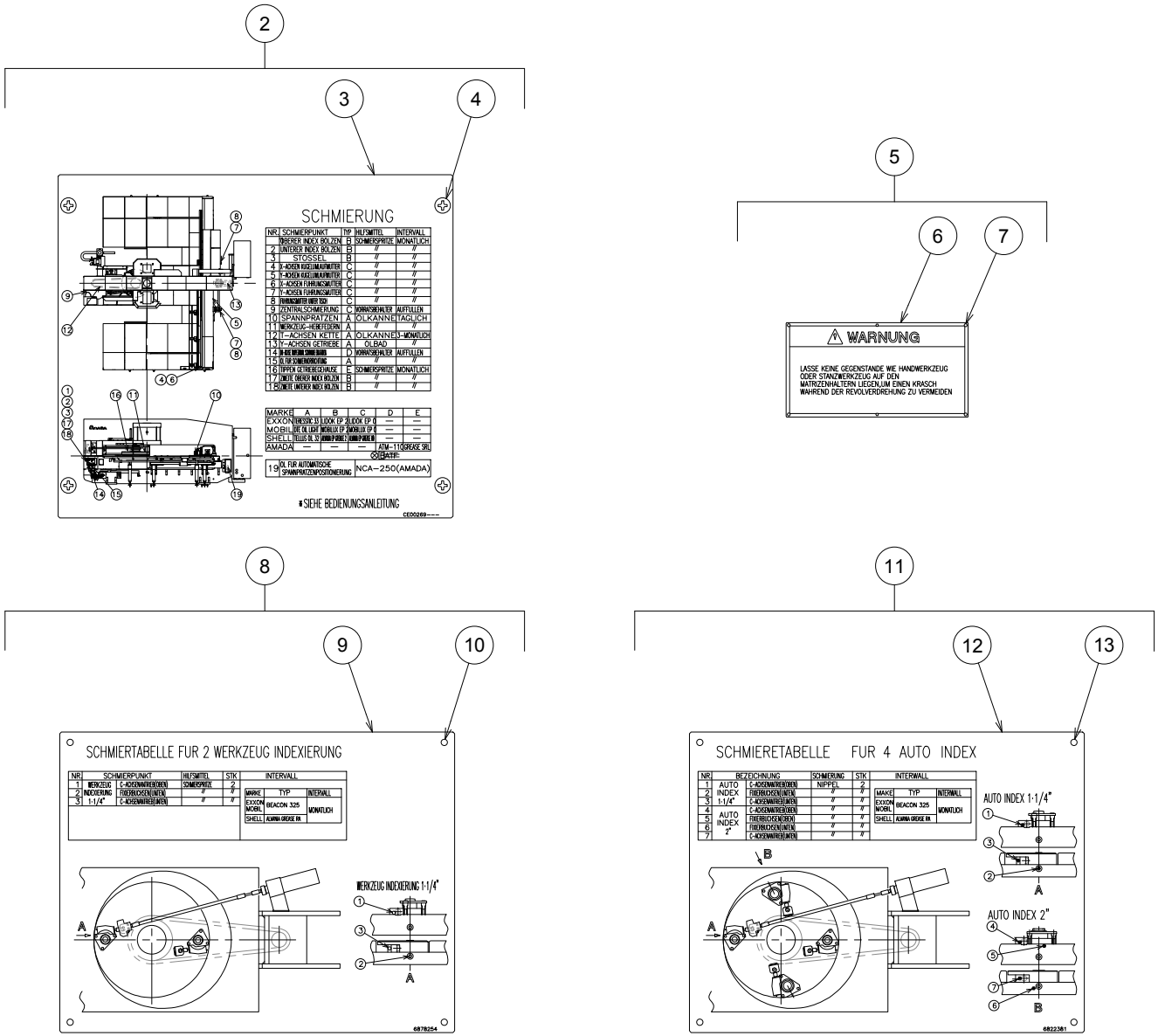
CE00252---

Unit No. 90 Cover BF EU <Name Plate ASSY CE F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00252---	Name Plate ASSY CE F	Index 2-13	1
2	CE02178---	Body Name Plate ASSY F	Index 34	1
3	74401925 CE02201---	Name Plate F		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	4
5	MA07253---	Name Plate ASSY F	Index 67	1
6	74561821 7408593	Warning Plate		1
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
8	6878252	Name Plate 2AI FRA	Index 910/2AI	1
9	74418350 6878256	Name Plate 2AI FRA		1
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
11	6822382	Name Plate FRA	Index 1213/4AI	1
12	74569603 6822383	Name Plate 4AI FRA		1

Unit No. 90 Cover BF EU <Name Plate ASSY CE F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		



(1) Name Plate ASSY CE D

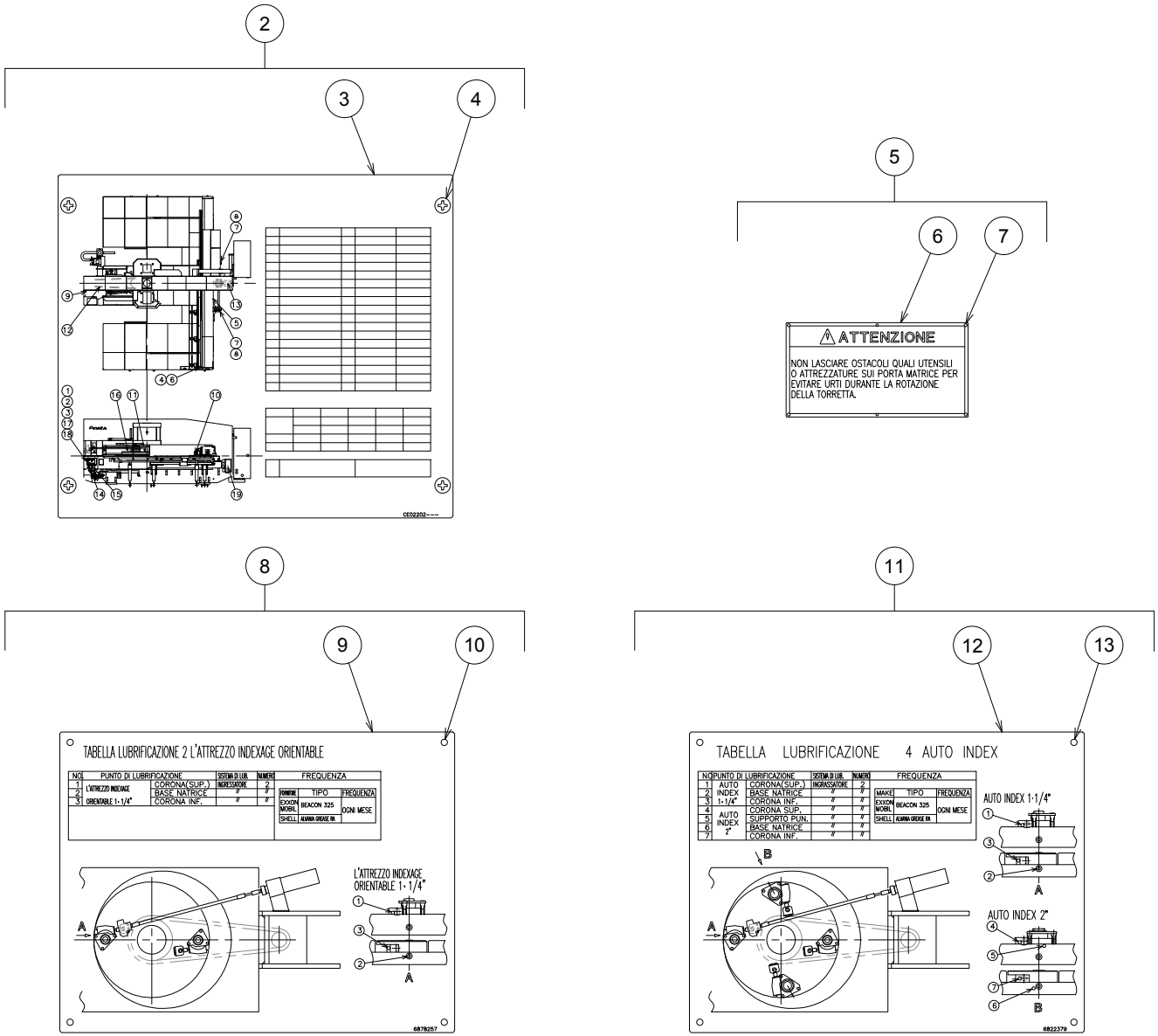
CE00253---

Unit No. 91 Cover BF EU <Name Plate ASSY CE G>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00253---	Name Plate ASSY CE D	Index 2-13	1
2	CE00268---	Body Name Plate ASSY D	Index 34	1
3	74401926 CE00269--A	Name Plate		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	4
5	MA07254---	Name Plate ASSY D	Index 67	1
6	74561820 7408588	Warning Plate		1
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
8	6878250	Name Plate 2AI GER	Index 910/2AI	1
9	74418349 6878254	Name Plate 2AI GER		1
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
11	6822380	Name Plate GER	Index 1213/4AI	1
12	74569602 6822381	Name Plate 4AI GER		1

Unit No. 91 Cover BF EU <Name Plate ASSY CE G>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		



(1) Name Plate ASSY CE I

CE00254---

Unit No. 92 Cover BF EU <Name Plate ASSY CE I>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00254---	Name Plate ASSY CE I	Index 2-13	1
2	CE02179---	Body Name Plate ASSY I	Index 34	1
3	74401927 CE02202---	Name Plate I		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	4
5	MA07255---	Name Plate ASSY I	Index 67	1
6	74561828 7408583	Warning Plate		1
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
8	6878253	Name Plate 2AI ITA	Index 910/2AI	1
9	74418351 6878257	Name Plate 2AI ITA		1
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
11	6822378	Name Plate 4AI ITA	Index 1213/4AI	1
12	74569599 6822379	Name Plate 4AI ITA		1

Unit No. 92 Cover BF EU <Name Plate ASSY CE I>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		

< List Only >

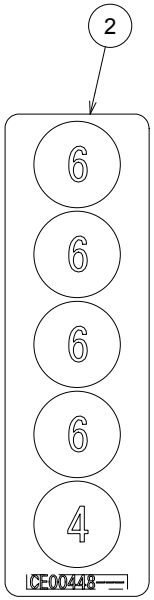
CE00255---

Unit No. 93 Cover BF EU <Name Plate ASSY CE S>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00255---	Name Plate ASSY CE S	Index 2-13	1
2	CE02180---	Body Name Plate ASSY S	Index 34	1
3	74401928 CE02203---	Name Plate S		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	4
5	MA07256---	Name Plate ASSY MPT	Index 67	1
6	74902846 MA07304---	Warning Plate		1
7	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
8	3832531	Name Plate 2AI SPA	Index 910/2AI	1
9	74453342 3832535	Name Plate		1
10	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
11	3832530	Name Plate SPA	Index 1213/4AI	1
12	74453341 3832534	Name Plate		1

Unit No. 93 Cover BF EU <Name Plate ASSY CE S>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		

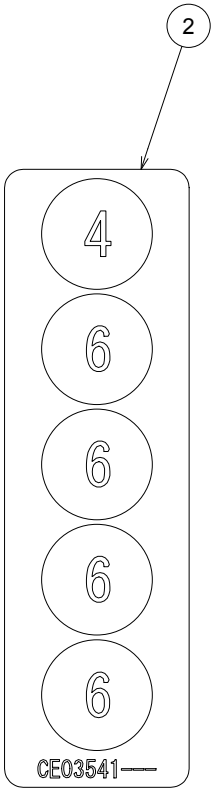


(1) C/R Name Plate CE

CE00447---

Unit No. 94 Cover BF EU <C/R Name Plate CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00447---	C/R Name Plate CE	Index 2	1
2	74400605 CE00448---	Name Plate C/R		1



(1) C/P Name Plate CE

CE03540---

Unit No. 95 Cover BF EU <C/P Lubrication Name Plate CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03540---	C/P Name Plate CE	Index 2	1
2	74401929 CE03541---	Lubrication Plate CP		1

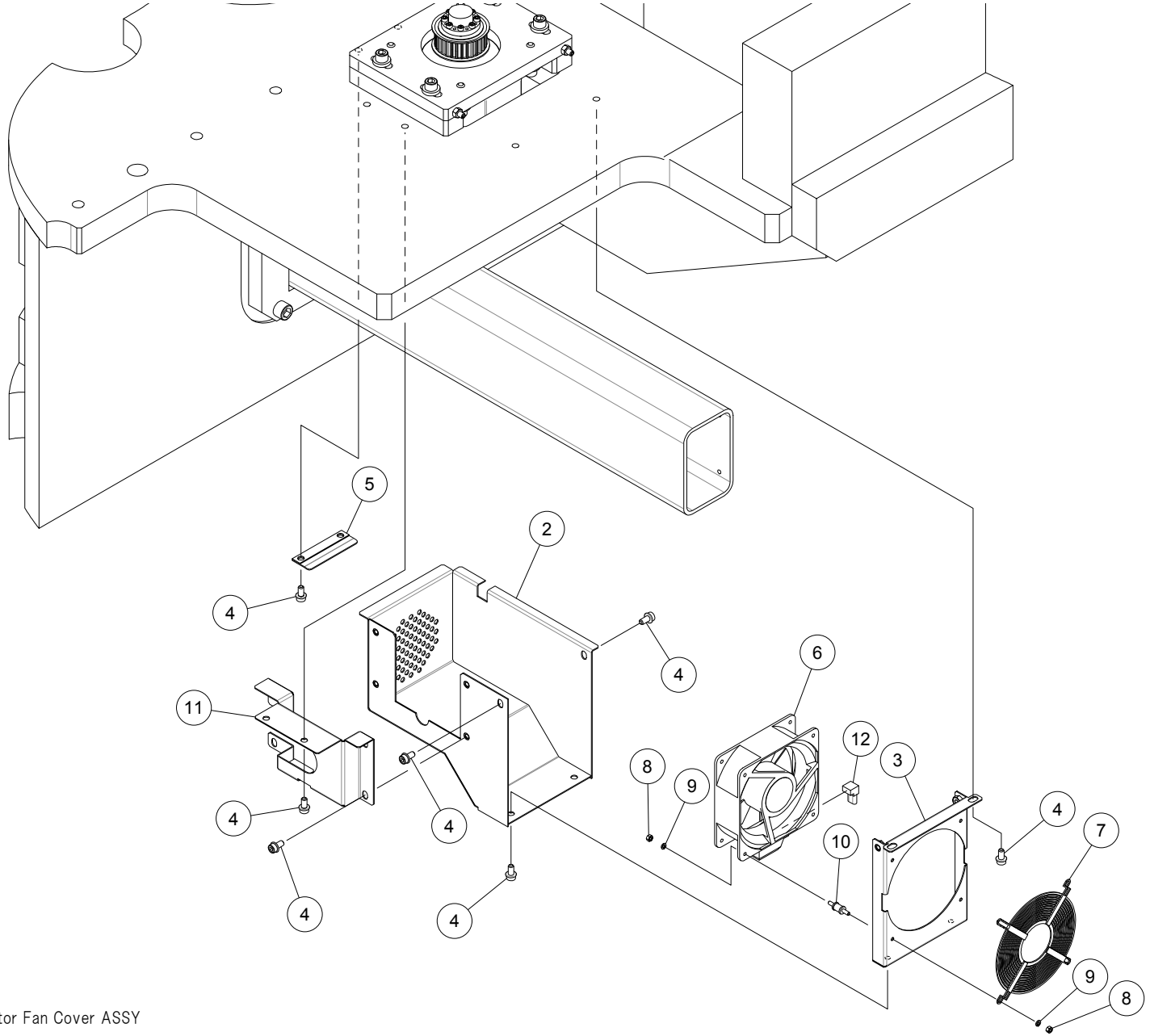
< List Only >

CE00560---

Unit No. 96 Cover BF EU <Turret Internal Lighting ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00560---	Turret Internal Lighting ASSY	Index 2-11	1
2	74401875 CE00561---	LED Bracket		1
3	74400597 MA07592---	LED Base		1
4	74400598 MA07593---	LED Support		2
5	74401876 CE00562---	Cable S-44		1
6	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
8	74776845 P336000092	Washer JIS	4(Normal)	4
9	74168422 P336050003	Spring Washer JIS	4	4
10	74080522 P382002092	Vibration Isolator KURASHIKI KAKO	RA-10	4
11	74400595 CE00557---	LED Module		1

Unit No. 97 Cover BF EU <Motor Fan Cover ASSY>

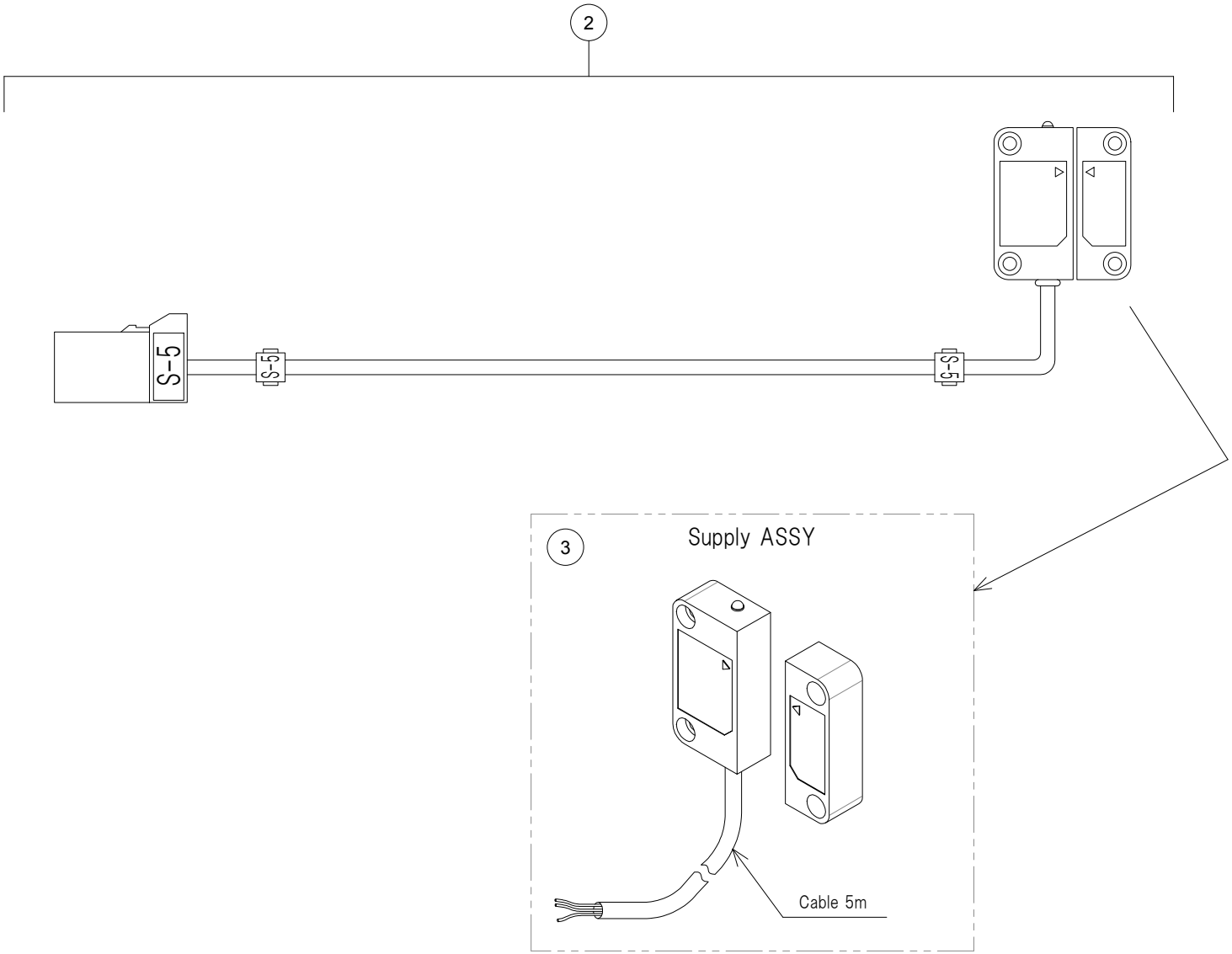


(1) Motor Fan Cover ASSY

MA04192--B

Unit No. 97 Cover BF EU <Motor Fan Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04192--B	Motor Fan Cover ASSY	Index 2-12	1
2	74902672 MA04934--A	Fan Cover 2		1
3	74902624 MA04195---	Fan Cover 3		1
4	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	14
5	74902513 MA03348---	Cover Supporter		1
6	74401303 P538002001	Fan SANYO Electric	109-602	1
7	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
8	74300502 P332000003	Nut JIS	M5	8
9	74300516 P336050004	Spring Washer JIS	5	8
10	74903249 P382008036	Vibration Isolator MISUMI	BGOMAC12160	4
11	74902671 MA04933---	Fan Cover 1		1
12	74902259 MA01070--A	Cable EV 75		1

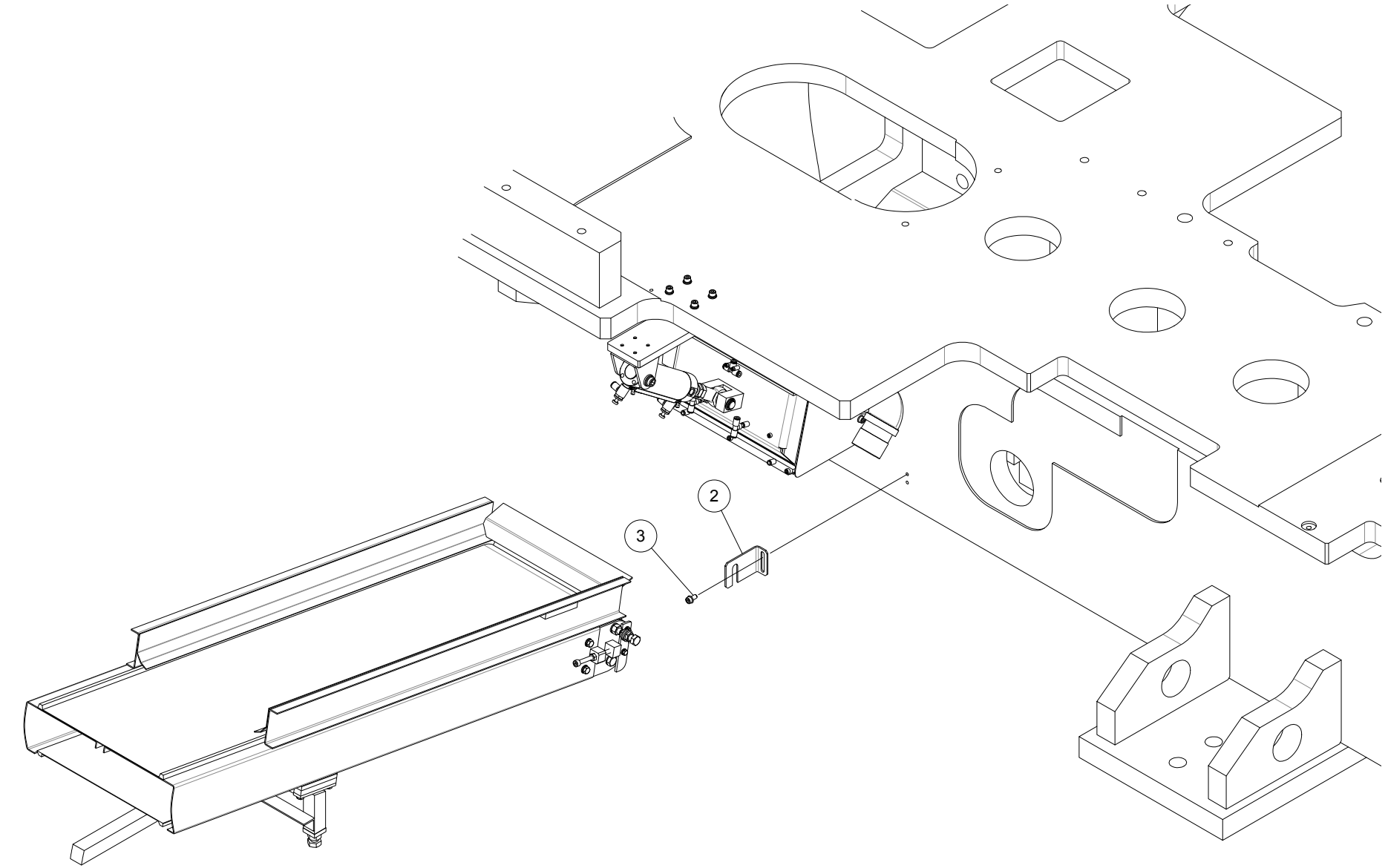


1 Cable ASSY

MA03082---
(MA03003---)

Unit No. 98 Cover BF EU <Cable>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable ASSY		1
	MA03082---		Index 2	
2	74902435	Cable S-5		1
	MA03003---		with Index 3	
3	74741655	Door Switch	D40A-1C5	1
	P829602028	OMRON	SQ23	



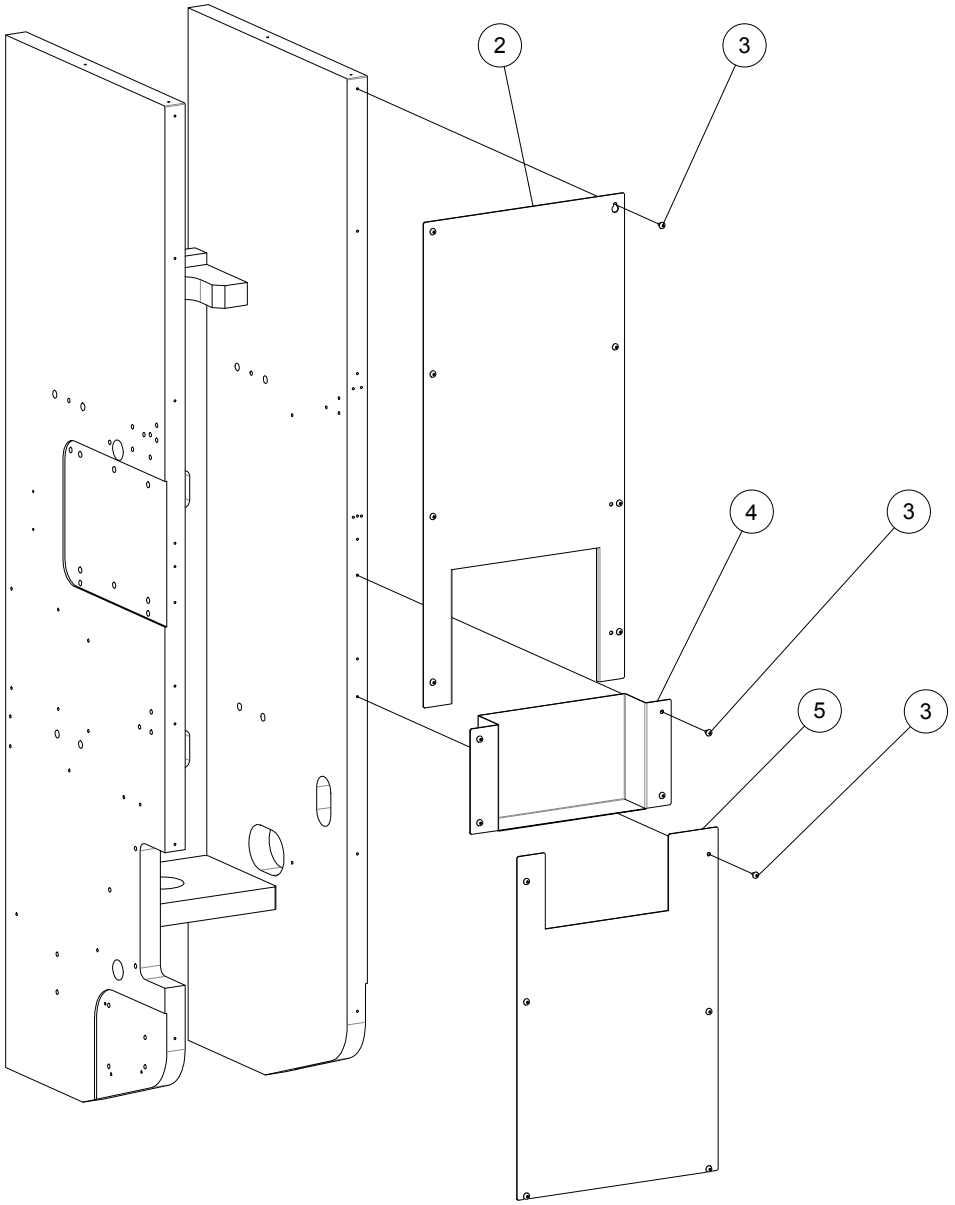
(1) Conveyor Hook ASSY

MA02727---

Unit No. 99 Cover BF EU <Conveyor Hook ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Conveyor Hook ASSY		1
	MA02727---		Index 2-3	
2	74902404	Conveyor Bracket		1
	MA02725---			
3	74382078	Flange Socket Bolt	M8X15	2
	P330468006	NISSAN NEJI		

Unit No. 100 Cover BF EU <Left Side Cover ASSY>



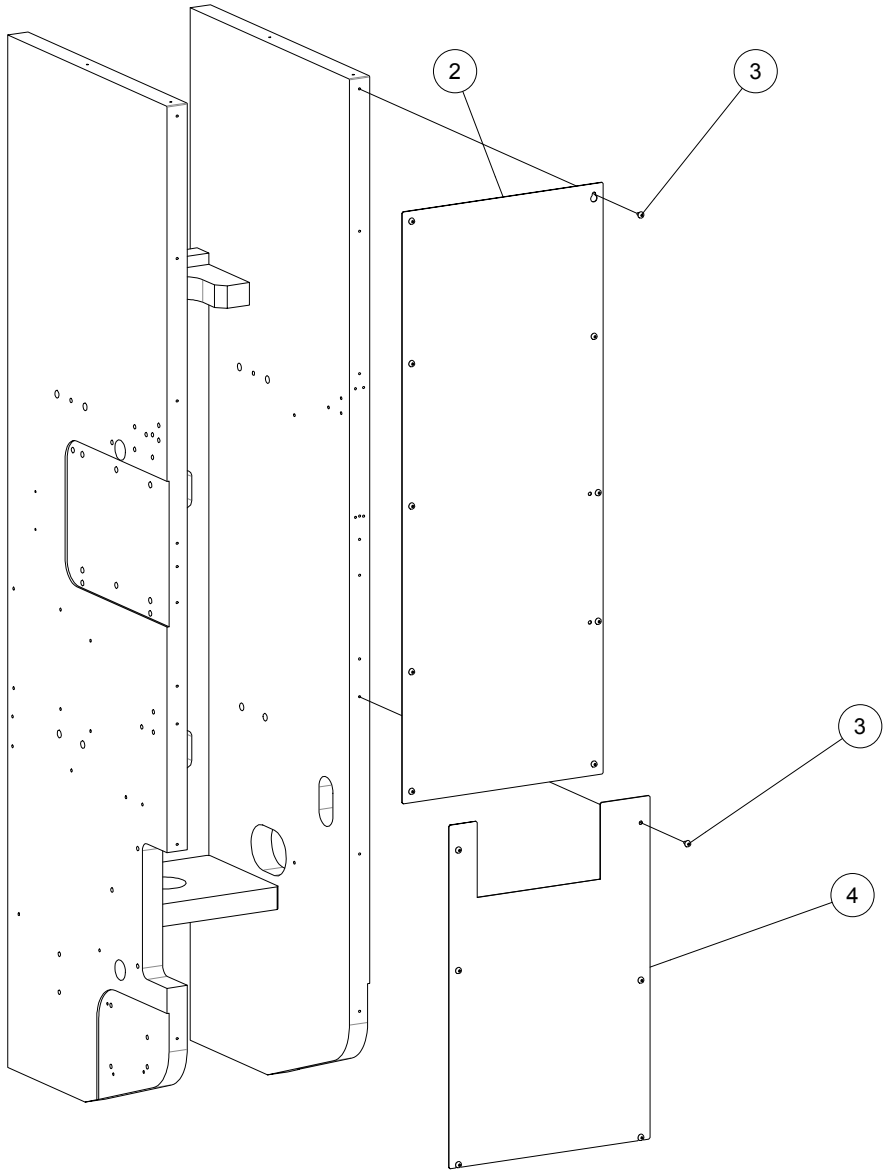
(1) Left Side Cover ASSY

MA07913---

Unit No. 100 Cover BF EU <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07913---	Left Side Cover ASSY	Index 2-5	1
2	74401877 / MA06357---	Left Side Cover Upper		1
3	74569504 / 7830643	Button Head Screw / MOURI	M6X12	15
4	74401878 / MA06358---	Left Side Cover Middle		1
5	74401879 / MA07914---	Left Side Cover Lower		1

Unit No. 101 Cover BF EU <Left Side Cover ASSY>

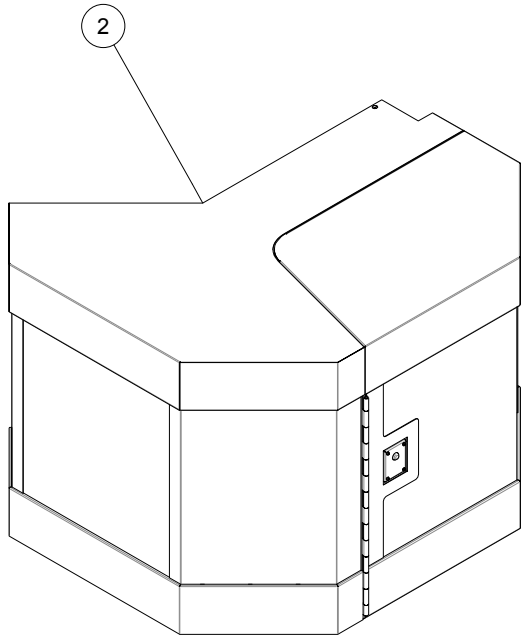


(1) Left Side Cover ASSY

MA07910---

Unit No. 101 Cover BF EU <Left Side Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Left Side Cover ASSY		1
	MA07910---		Index 2-4	
2	74401880	Left Side Cover Upper		1
	MA06337---			
3	74569504	Button Head Screw	M6X12	12
	7830643	MOURI		
4	74401879	Left Side Cover Lower		1
	MA07914---			

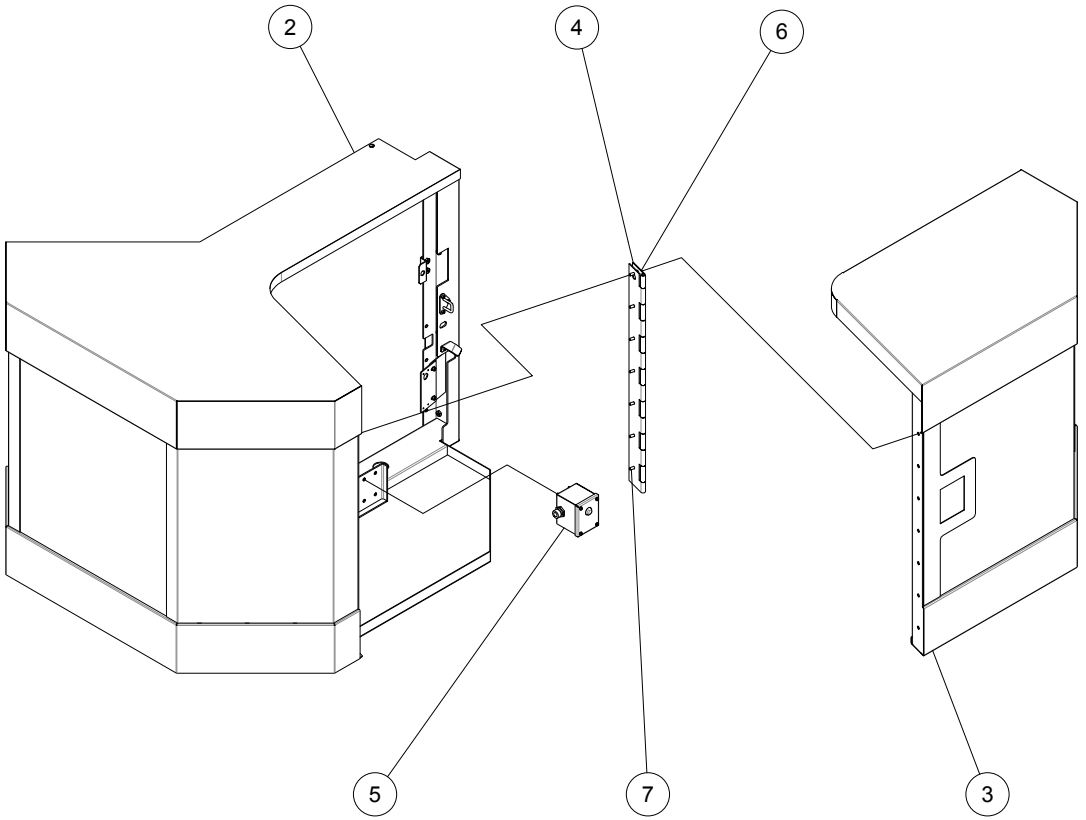


(1) Buffer Cover ASSY

MA08100---

Unit No. 102 Cover BF EU <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08100---	Buffer Cover ASSY	Index 23	1
2	MA07040--A	Buffer Cover ASSY		1
3	MA08101---	Buffer Cover Bracket ASSY	List Only	1



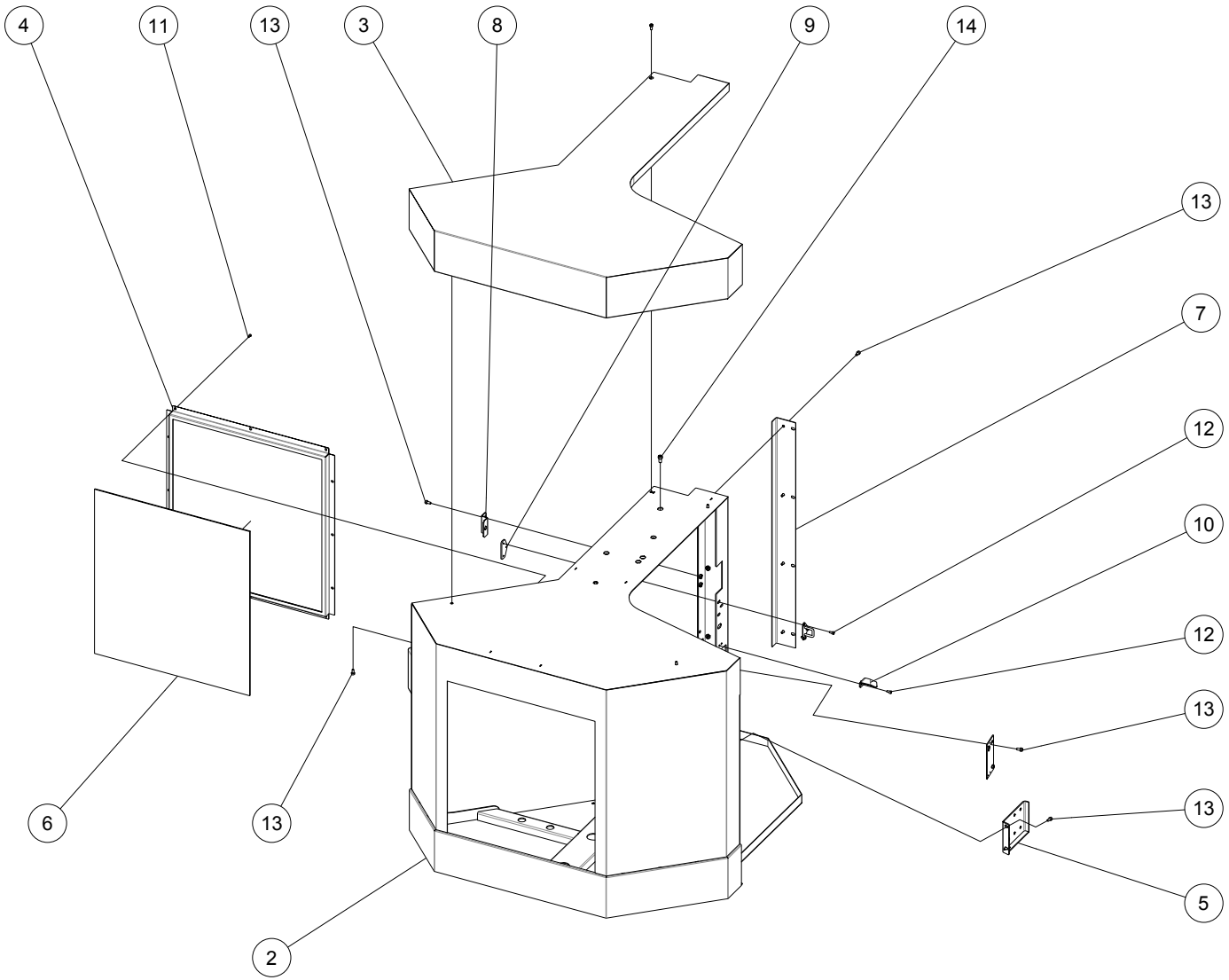
(1) Buffer Cover ASSY

MA07040--A

Unit No. 103 Cover BF EU <Buffer Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07040--A	Buffer Cover ASSY	Index 2-7	1
2	MA07041--A	Buffer Body ASSY		1
3	MA07046---	Buffer Door ASSY		1
4	74401881 MA07055---	Hinge		1
5	MA07060---	Auxiliary Switch Box ASSY		1
6	74903157 P334520069	Flat Head Bolt	M6X12(Trivalent Chromate Black)	7
7	74903152 P334500109	Button Head Screw	M6X15(Trivalent Chromate Black)	7

Unit No. 104 Cover BF EU <Buffer Body ASSY>



(1) Buffer Body ASSY

MA07041--A

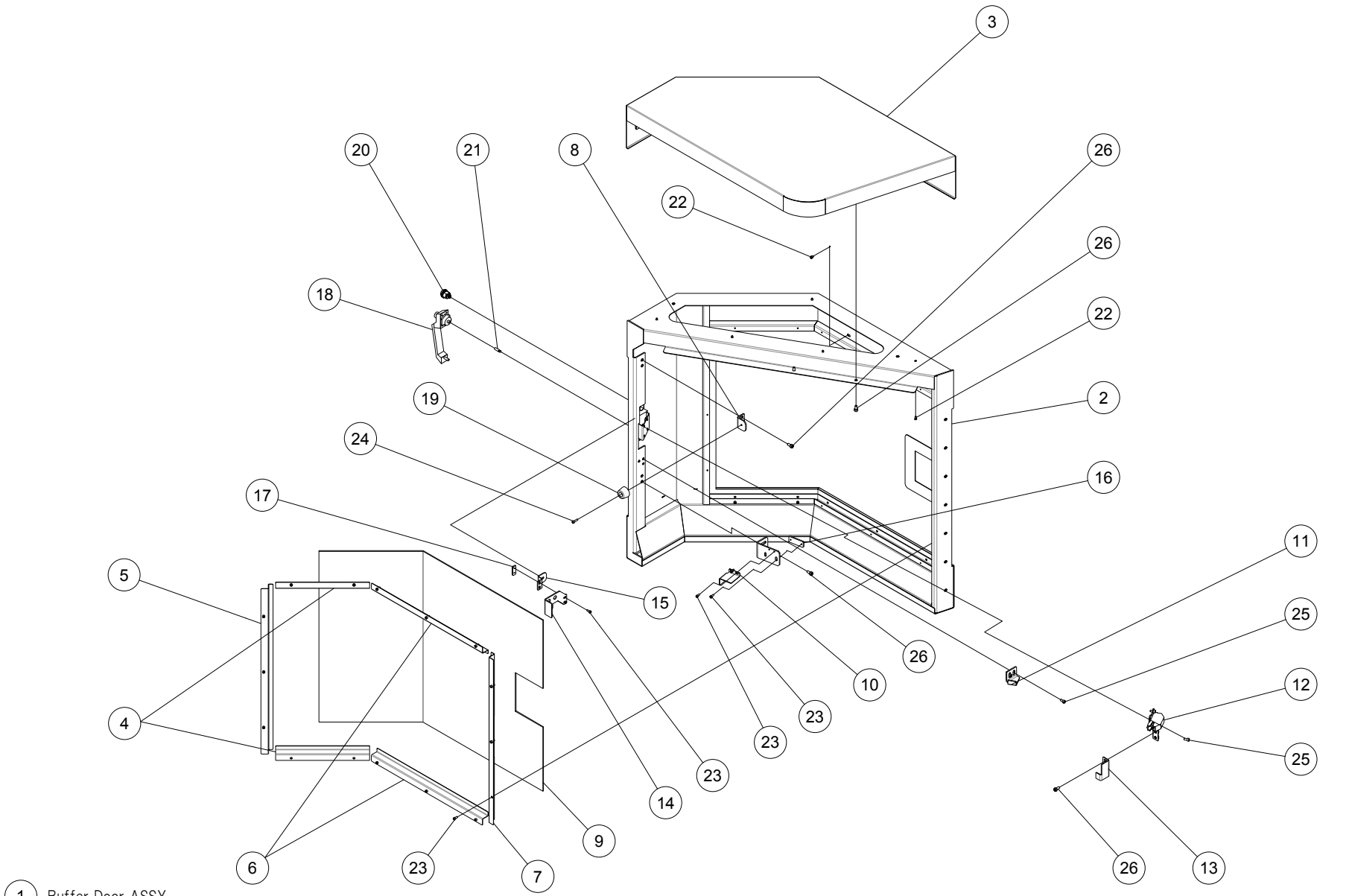
Unit No. 104 Cover BF EU <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07041--A	Buffer Body ASSY	Index 2-14	1
2	74401882 / MA07042--A	Buffer Body 1		1
3	74401883 / MA07043---	Buffer Body 2		1
4	74401884 / MA07044---	Panel Bracket 1		1
5	74401885 / MA07045---	SW Box Bracket		1
6	74401886 / MA07058---	Window 1		1
7	74401887 / MA07677---	Feeler Cover		1
8	74401888 / MA07663---	Sensor Bracket		1
9	74901675 / MA05766---	Square Nut 3		1
10	74401889 / MA07664---	Support Bracket 2		1
11	74314401 / P330200015	Hex Socket Cap Screw	M4X10	12
12	74183604 / P330210003	Hex Socket Cap Screw	M5X10	5

Unit No. 104 Cover BF EU <Buffer Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	14
14	74901422 P330468059	Flange Socket Bolt NISSAN NEJI	M8X15(Trivalent Chromium Black)	5

Unit No. 105 Cover BF EU <Buffer Door ASSY>



Unit No. 105 Cover BF EU <Buffer Door ASSY>

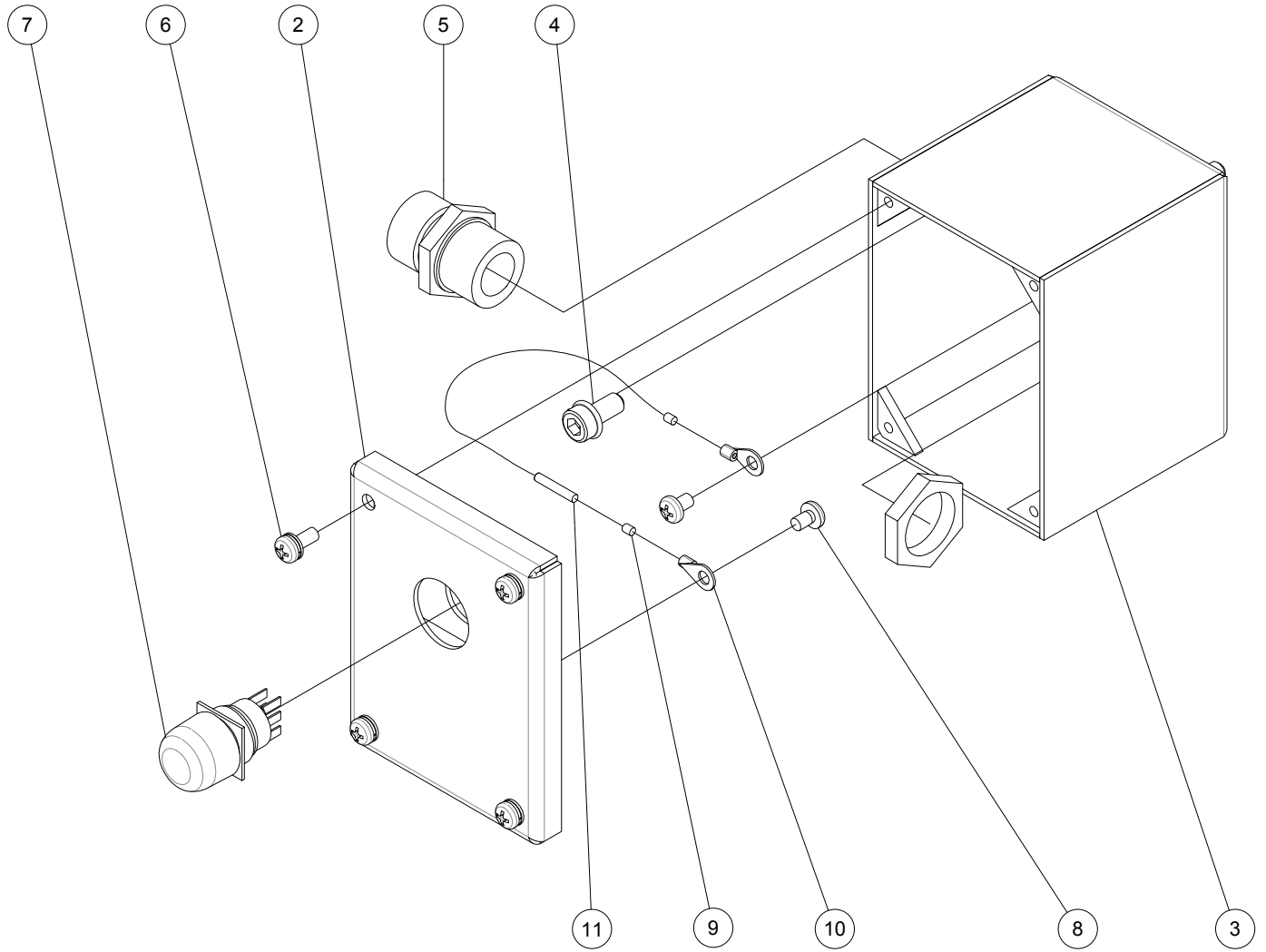
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07046---	Buffer Door ASSY	Index 2-26	1
2	74401890 / MA07047---	Buffer Door 1		1
3	74401891 / MA07048---	Buffer Door 2		1
4	74401892 / MA07050---	Panel Bracket 3		2
5	74401893 / MA07051---	Panel Bracket 4		1
6	74401894 / MA07052---	Panel Bracket 5		2
7	74401895 / MA07053---	Panel Bracket 6		1
8	74401896 / MA07054---	Bracket 1		1
9	74401897 / MA07059---	Window 2		1
10	74401898 / MA07665---	SW Cover		1
11	74401899 / MA07666---	Support Bracket 3		1
12	74401900 / MA07668---	SW Parts		1

Unit No. 105 Cover BF EU <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401902 MA07669---	Sensor Bracket 2		1
14	74401903 MA07670---	Sensor Bracket 3		1
15	74901713 MA06922---	Door Bracket 2		1
16	74401904 MA06289---	Switch Nut Plate		1
17	74901673 MA05762---	Square Nut 2		1
18	74901418 P317022015	Door Handle TAKIGEN	A-870-P	1
19	74901416 P229102041	Rubber Support TAKIGEN	C-30-RK-3220-UL	1
20	74470794 P317482006	Lock for Door TAKIGEN	C-178-T Copper Plate	1
21	74401905 P317198001	Accessory for Grip TAKIGEN	AC-1025-PR	1
22	74577713 P330468053	Flange Socket Bolt NISSAN NEJI	M4X6	8
23	74314401 P330200015	Hex Socket Cap Screw	M4X10	22
24	74183601 P330200018	Hex Socket Cap Screw	M4X15	1

Unit No. 105 Cover BF EU <Buffer Door ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
26	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	8



(1) Auxiliary Switch Box ASSY

MA07060---

Unit No. 106 Cover BF EU <Auxiliary Switch Box ASSY>

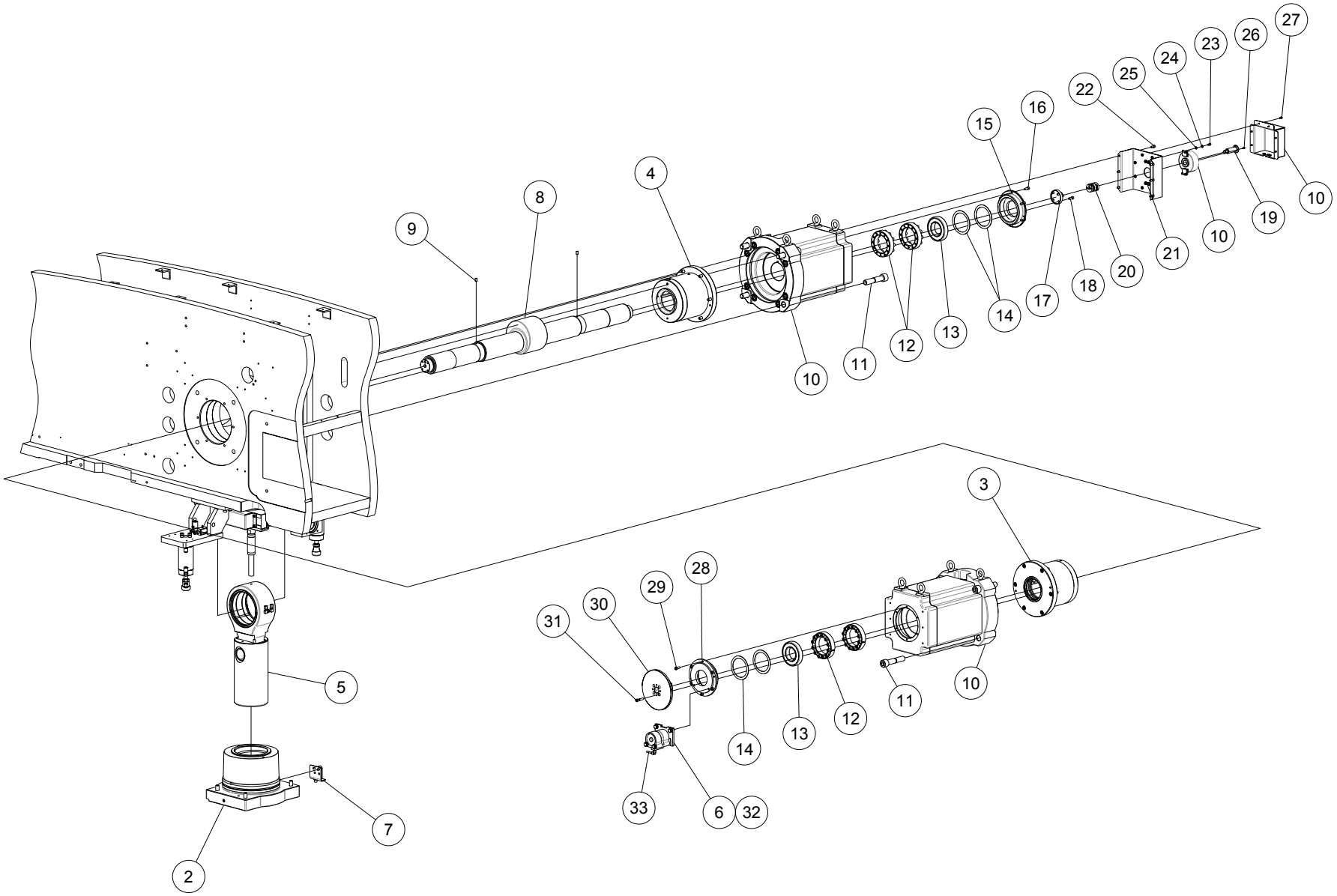
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07060---	Auxiliary Switch Box ASSY	Index 2-11	1
2	74902362 MA02637---	Lid		1
3	74401907 MA07061---	Switch Box		1
4	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	4
5	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
8	74183225 P334100016	Pan Head Screw JIS	M4X6	3
9	74489972 P869220210	Marker Tube	1.25	2
10	74553818 P869200003	Solderless Terminal	R1.25-4	2
11	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1

< List Only >

MA08101---

Unit No. 107 Cover BF EU <Buffer Cover Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Cover Bracket ASSY		1
	MA08101---		Index 2-10	
2	74401908	Bracket 35		1
	MA07057---			
3	74901422	Flange Socket Bolt	M8X15(Trivalent Chromium Black)	2
	P330468059	NISSAN NEJI		
4	74903130	Flange Socket Bolt	M12X20	4
	P330468035	NISSAN NEJI		
5	74354423	Hex Socket Cap Screw	M10X60	3
	P330240014			
6	74300519	Spring Washer	10	3
	P336050007	JIS		
7	74183029	Washer	10(Normal)	9
	P336000007	JIS		
8	74716061	Nut	M10(Type-1)	6
	P332000032	JIS		
9	74401909	Panel Box		1
	WA00689---			
10	74901423	Flange Socket Bolt	M6X12(Trivalent Chromium Black)	2
	P330468062	NISSAN NEJI		



(1) Drive ASSY

WA00385---
(MA00880#1-)

Unit No. 108 Drive

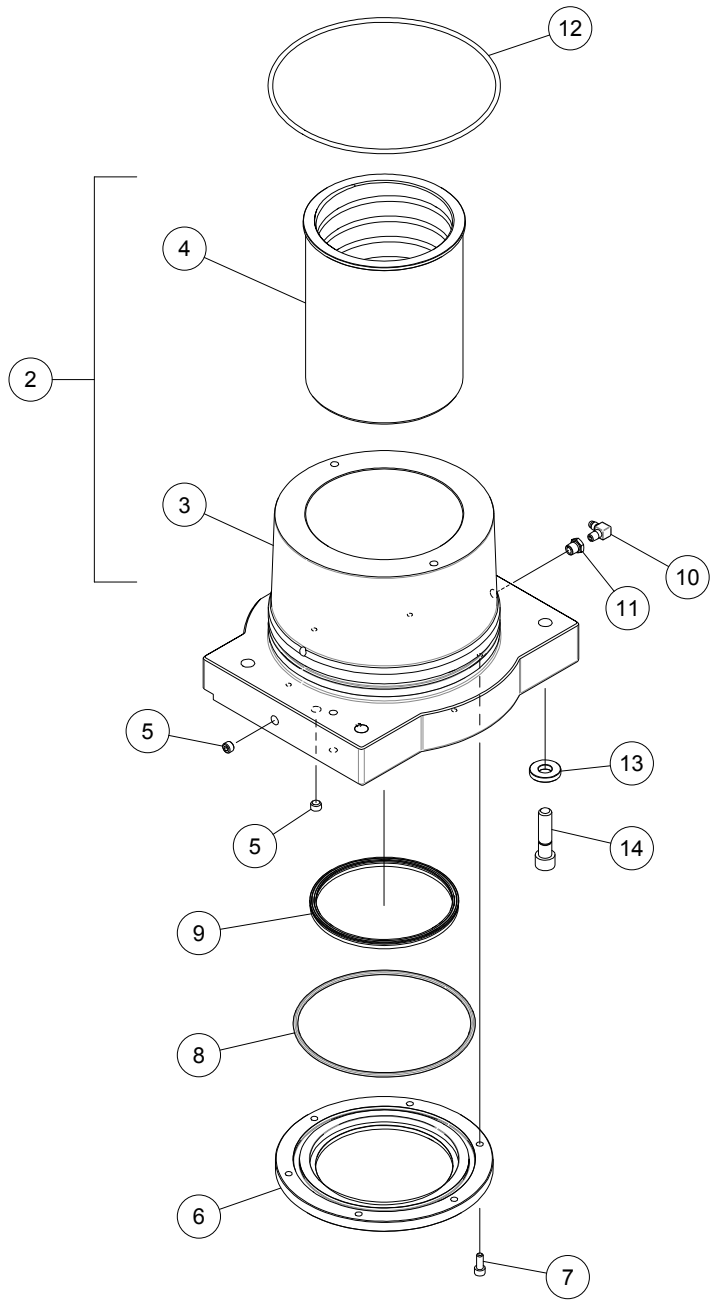
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00385---	Drive ASSY	Index 2-33	1
2	6875311---	Ram Guide ASSY		1
3	6875312	Shaft Support ASSY F		1
4	6875313	Shaft Support ASSY R		1
5	6875314---	Connecting Rod ASSY		1
6	6875315 A	Drive Brake ASSY		1
7	MA00879---	Ram Upper Limit Proximity ASSY		1
8	74419846 6829422 B	Drive Shaft		1
9	74415021 P337054110	Parallel Pin MISUMI	MSTM10-15	2
10	MA05240---	30Ton Servo Motor ASSY		1
11	74903129 P330280014	Hex Socket Cap Screw	M24X120	8
12	74420519 P432304066	Shaft Clamp Element TSUBAKIMOTO CHAIN	PL090X130-TK	4

Unit No. 108 Drive

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74415028 7830830	Bearing NSK	6213DDUCM	2
14	74415031 P336178018	Wave Washer OCHIAI	BWW-6311	4
15	74415167 6828466	Bearing Retainer 1		1
16	74183621 P330230006	Hex Socket Cap Screw	M8X20	6
17	74415169 6828473	Encoder Shaft 1		1
18	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
19	74415171 6828467	Encoder Shaft 2		1
20	74415790 P432176014	Coupling Miki Pulley	SFC-035DA2-15B-15B	1
21	74415387 6827144	Encoder Bracket		1
22	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
23	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4
24	74178737 P336050005	Spring Washer JIS	6	4

Unit No. 108 Drive

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74159714 P336000005	Washer JIS	6(Normal)	4
26	74314401 P330200015	Hex Socket Cap Screw	M4X10	4
27	74183604 P330210003	Hex Socket Cap Screw	M5X10	8
28	74415168 6828468	Bearing Retainer 2		1
29	74183621 P330230006	Hex Socket Cap Screw	M8X20	6
30	74415388 6828469	Disk Shaft		1
31	74183627 P330230010	Hex Socket Cap Screw	M8X40	4
32	74415390 6828471	Shim	T1(T1.2T1.0T0.8 & other)	1
33	74415392 P230222133	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-2.2M	1



(1) Ram Guide ASSY

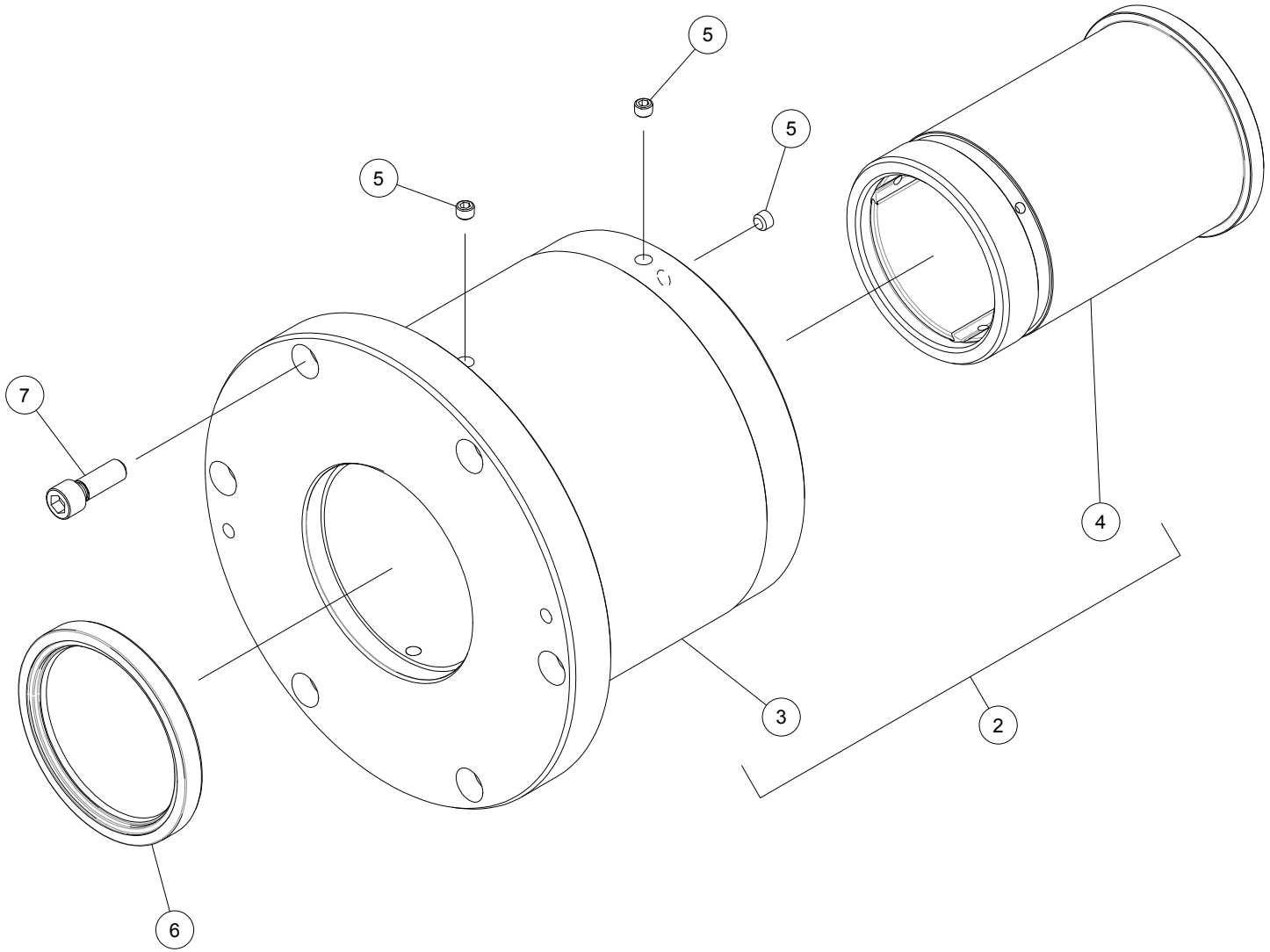
6875311---

Unit No. 109 Drive <Ram Guide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Ram Guide ASSY		1
	6875311---		Index 2-14	
2	74903652	Ram Guide / Bushing ASSY	6829541--B6828462A	1
	SPT0582---		Index 34	
3		Ram Guide		1
	6829541--B		Expansion Fit	
4		Ram Guide Bushing		1
	6828462 A		Expansion Fit	
5	74706210	Plug for Piping	GM-1/4	2
	P580208002	GOSHO Works		
6	74415384	Ram Guide Cover		1
	6812528			
7	74183621	Hex Socket Cap Screw	M8X20	6
	P330230006			
8	74418353	O Ring	1A-G210	1
	P590012037	NOK		
9	74572356	Piston Packing	USH-165	1
	P590402046	NOK		
10	74415537	Hose Adapter	8021RG02H14	1
	QZZ025757	BRIDGESTONE		
11	74722884	Bush for Piping	M-1/4X1/8	1
	P580013001	BAN SS		
12	74418354	O Ring	1A-G270	1
	P590012043	NOK		

Unit No. 109 Drive <Ram Guide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74302325 0811632 A	Quenched Washer M16		4
14	74384110 P330260037	Hex Socket Cap Screw	M16X65	4

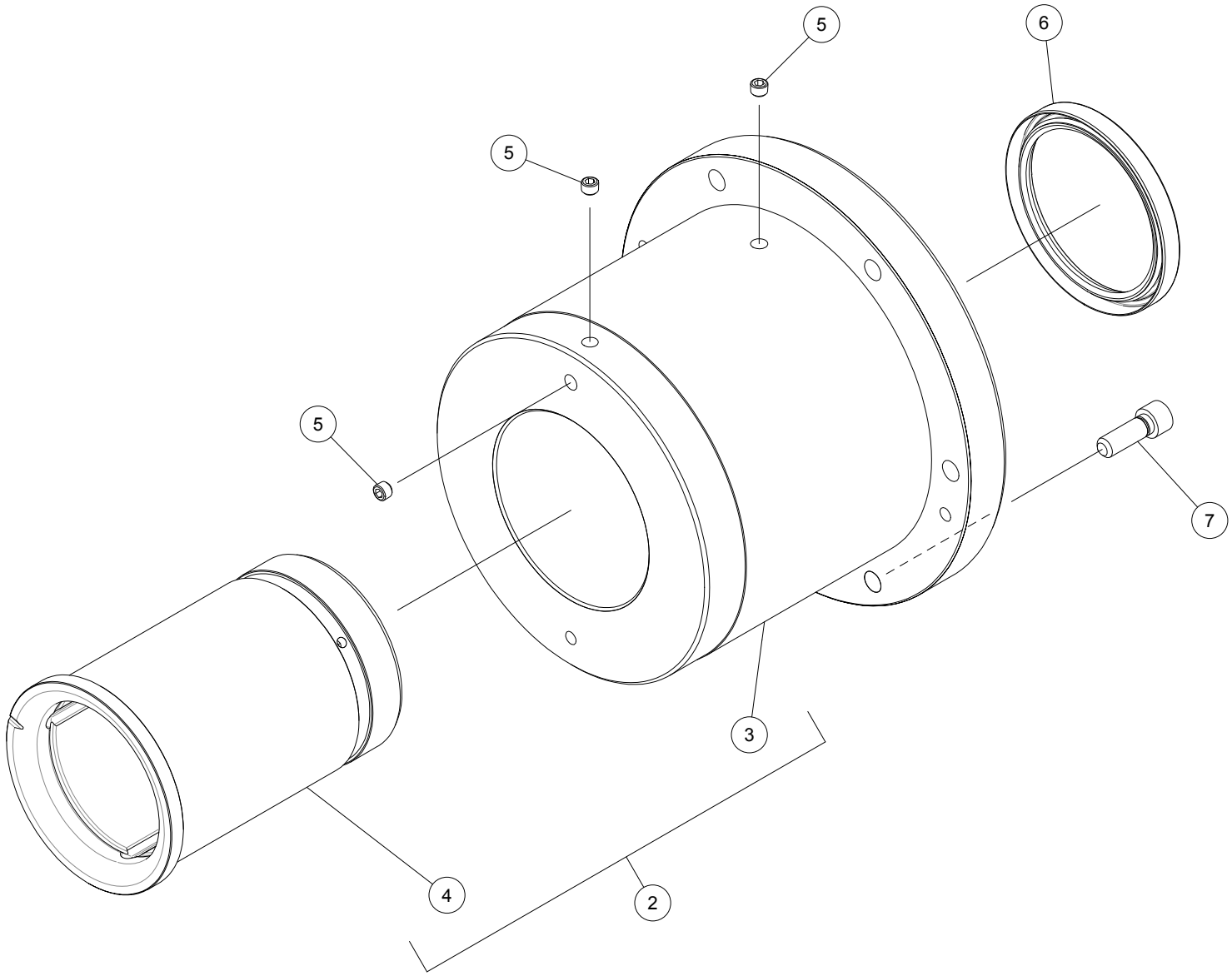


(1) Shaft Support ASSY F

6875312

Unit No. 110 Drive <Shaft Support ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903932 6875312	Shaft Support ASSY F	Index 2-7	1
2	74903500 SPT0557---	Crankshaft Support ASSY F	6826084B6826003B Index 34	1
3	6826084 B	Front Crankshaft Support	Expansion Fit	1
4	6826003 B	Crank Bushing	Expansion Fit	1
5	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	3
6	74380111 P590102016	Oil Seal NOK	SB10012513	1
7	74183657 P330250006	Hex Socket Cap Screw	M12X35	6

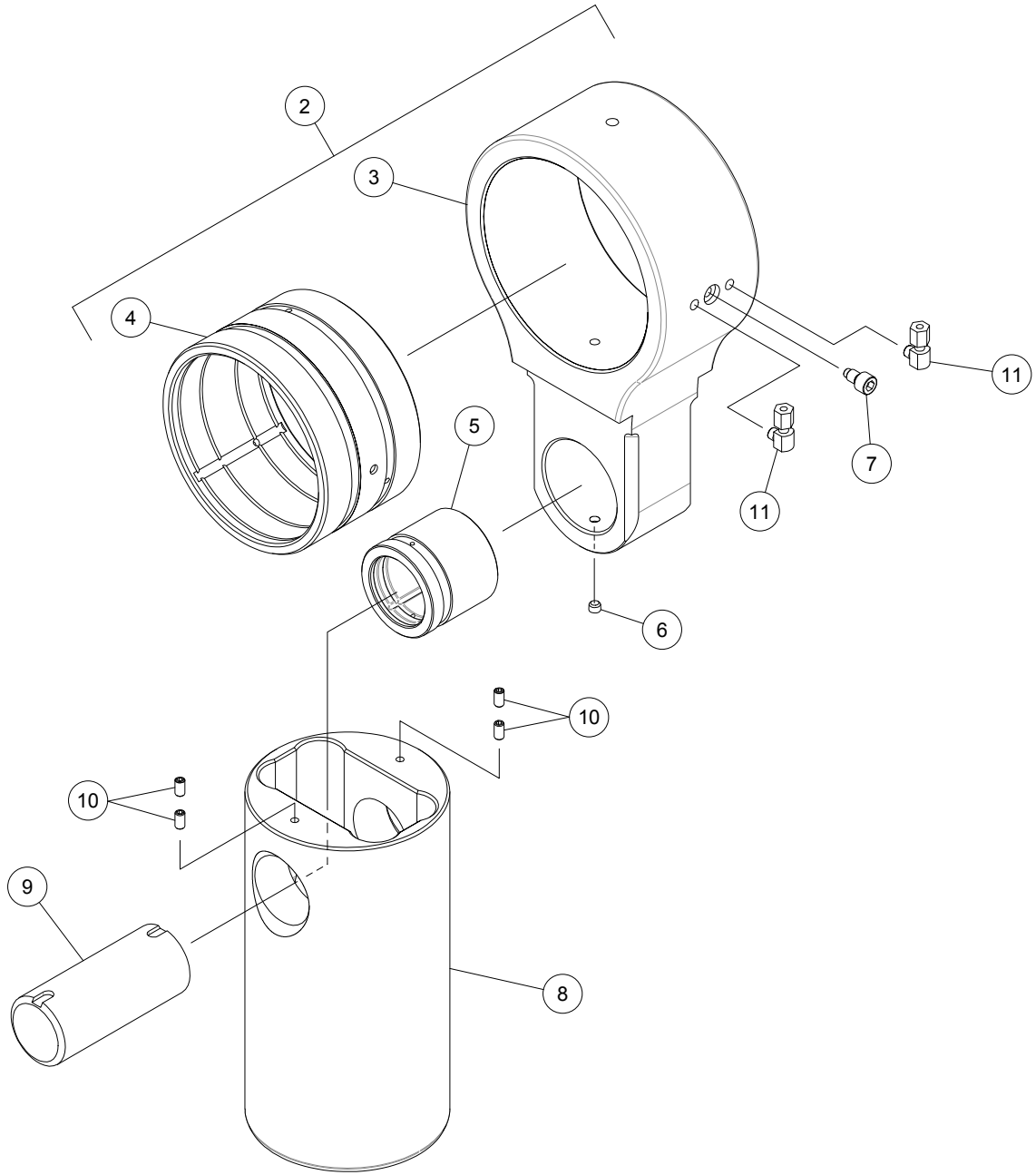


(1) Shaft Support ASSY R

6875313

Unit No. 111 Drive <Shaft Support ASSY R>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903933	Shaft Support ASSY R		1
	6875313		Index 2-7	
2	74903501	Crankshaft Support ASSY R	6826215B6826003B	1
	SPT0558---		Index 34	
3		Rear Crankshaft Bearing		1
	6826215 B		Expansion Fit	
4		Crank Bushing		1
	6826003 B		Expansion Fit	
5	74702340	Plug for Piping	GM-1/8	3
	P580208001	GOSHO Works		
6	74380111	Oil Seal	SB10012513	1
	P590102016	NOK		
7	74183657	Hex Socket Cap Screw	M12X35	6
	P330250006			

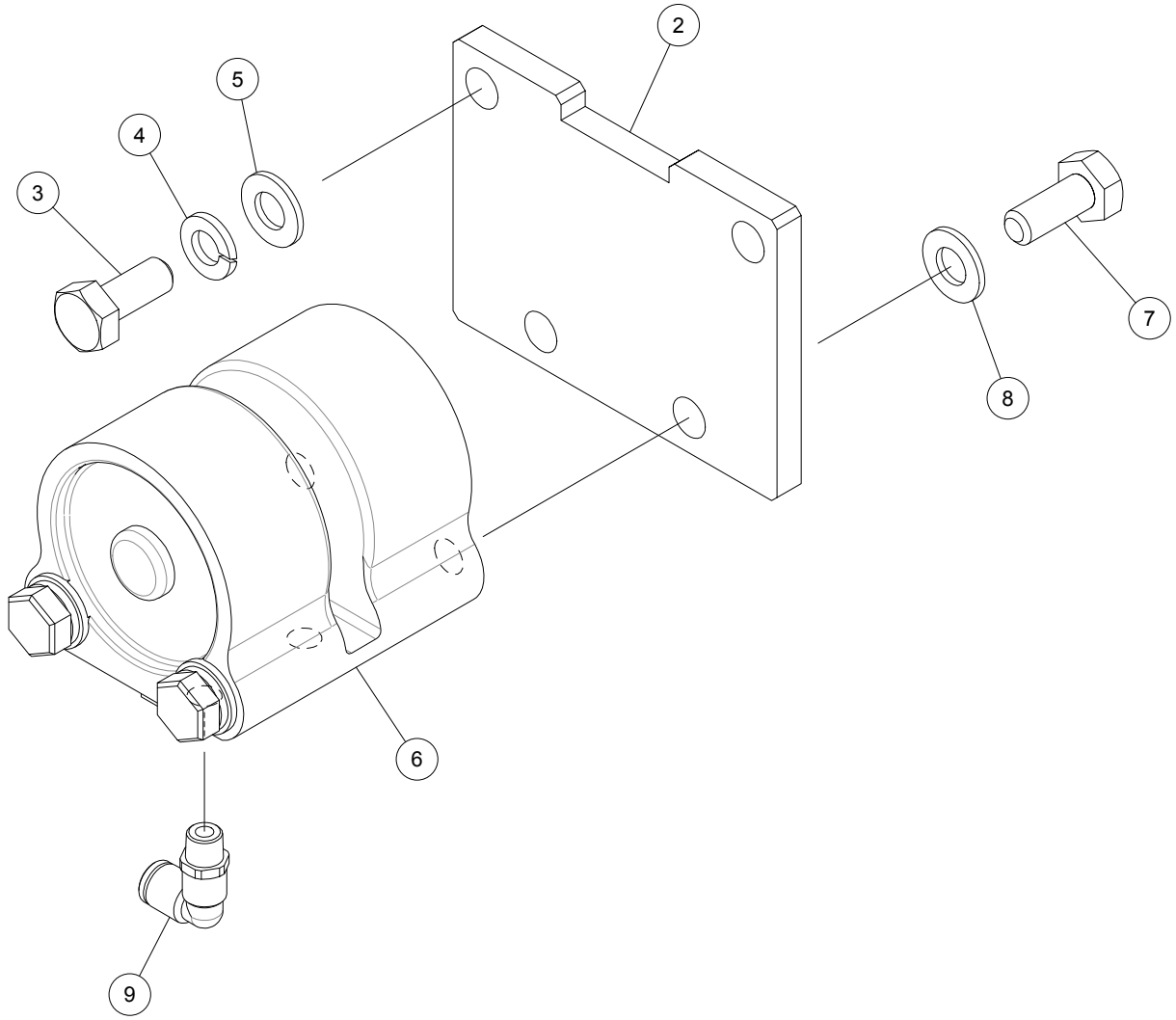


(1) Connecting Rod ASSY

6875314---

Unit No. 112 Drive <Connecting Rod ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903934 6875314---	Connecting Rod ASSY	Index 2-11	1
2	74903502 SPT0559---	Connecting Rod ASSY Expansion Fit	6828463--B6828464--A6828465 Index 3-5	1
3	 6828463--B	Connecting Rod	Expansion Fit	1
4	 6828464--A	Connecting Bushing	Expansion Fit	1
5	 6828465	Ram Pin Bushing	Expansion Fit	1
6	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1
7	74301205 0490233 B	Hex Socket Cap Screw		1
8	74415379 6826026	Ram		1
9	74563622 6597994	Ram Pin		1
10	74722726 P330550039	Socket Set Screw MOURI	M8X15(Flat Type)	4
11	74702342 P589505005	Lubricating Pipe Fitting IHI	RK865631	2

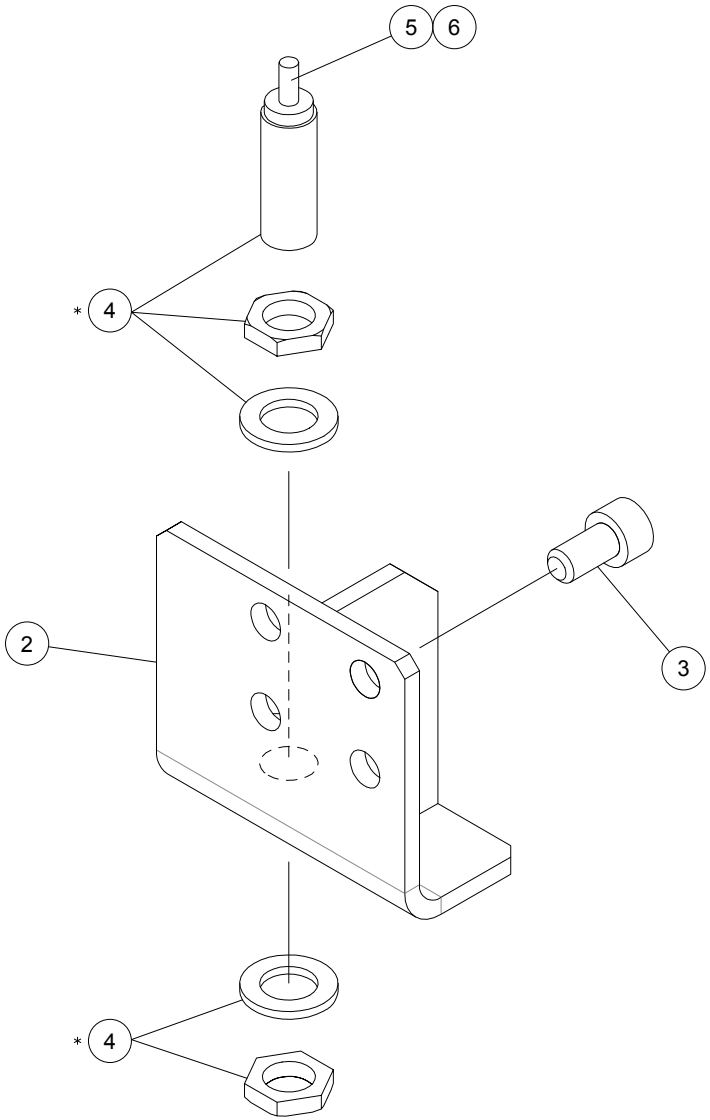


1 Drive Brake ASSY

6875315 A

Unit No. 113 Drive <Drive Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875315 A	Drive Brake ASSY	Index 2-9	1
2	74415389 6828470	Disk Brake Bracket		1
3	74419845 P330040065	Bolt JIS	M10X25-10.9	2
4	74300519 P336050007	Spring Washer JIS	10	2
5	74183029 P336000007	Washer JIS	10(Normal)	2
6	74419844 7831568 B	Pneumatic Disk Brake YUSHIN		1
7	74419845 P330040065	Bolt JIS	M10X25-10.9	2
8	74183029 P336000007	Washer JIS	10(Normal)	2
9	74310045 P586564001	One Touch Fitting NITTA MOORE	EL6-PT1/8	1

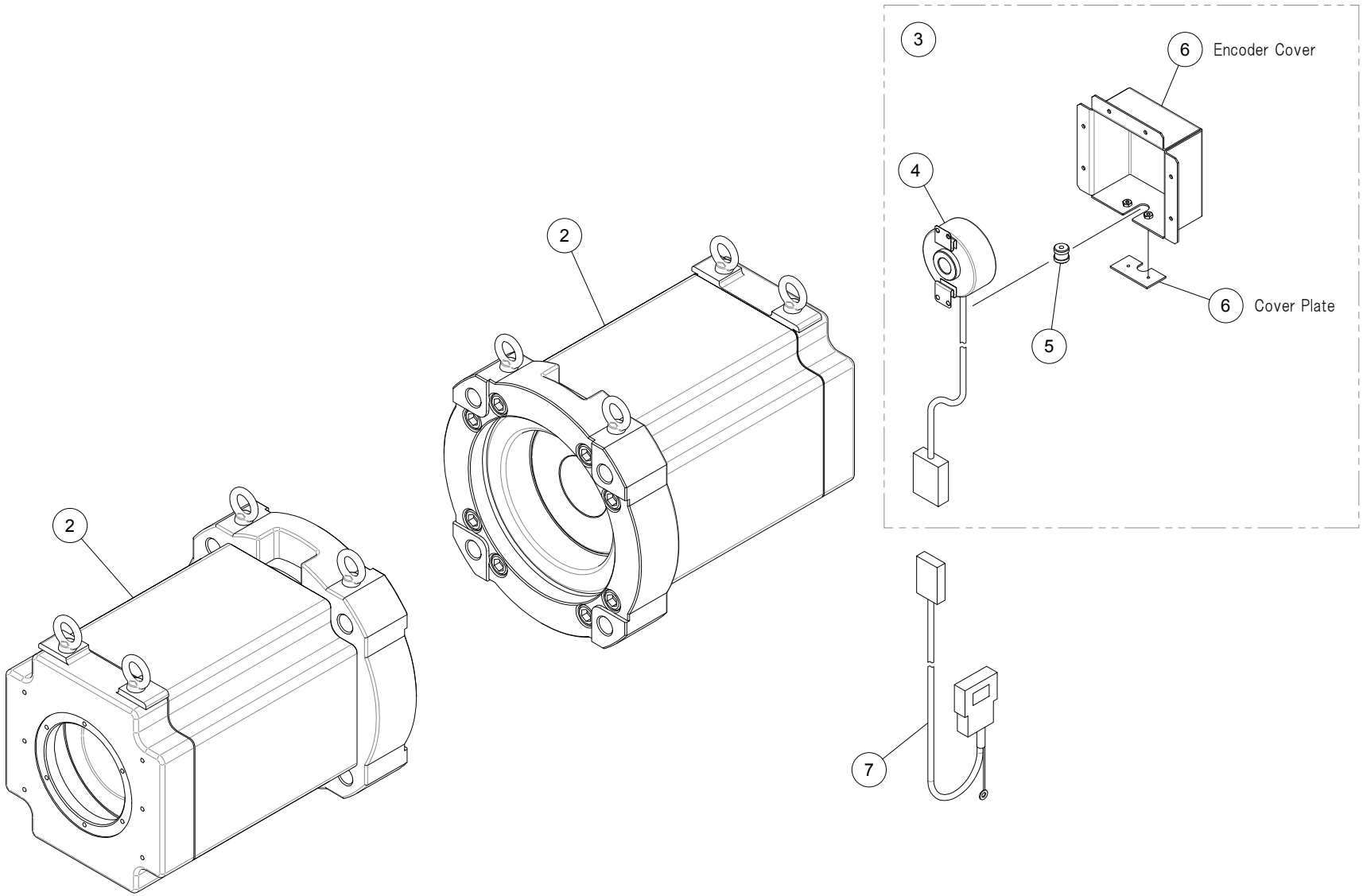


(1) Ram Upper Limit Proximity ASSY

MA00879---

Unit No. 114 Drive <Ram Upper Limit Proximity ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00879---	Ram Upper Limit Proximity ASSY	Index 2-6	1
2	74415391 6828487	Proximity Switch Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74387398 P829003016	Proximity Switch YAMATAKE	FL7M-3J6HD(2M) SQ1	1
5	74902251 MA00878--A	Cable S-33	(SQ1)	1
6	74382938 P869150001	Terminal JIS	CE-1	2

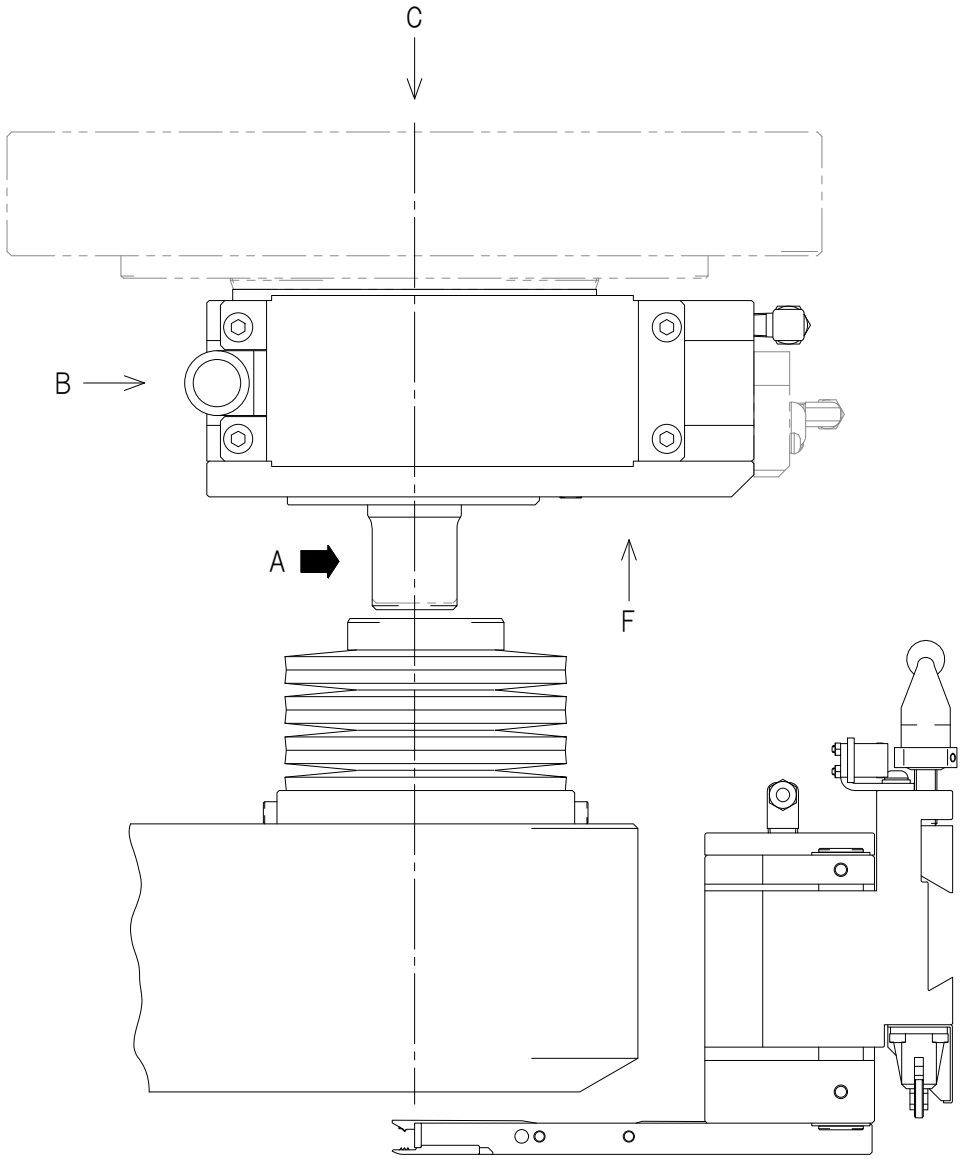


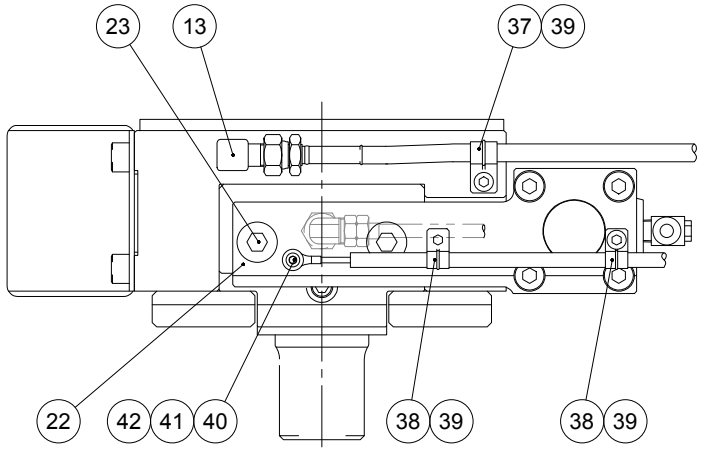
(1) 30Ton Servo Motor ASSY

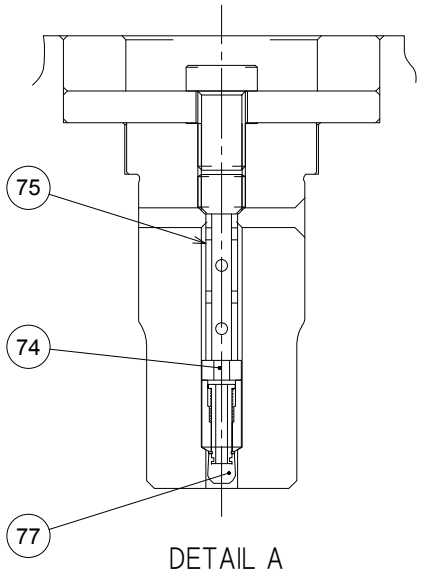
MA05240---

Unit No. 115 Drive <30Ton Servo Motor ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA05240---	30Ton Servo Motor ASSY 	 	1
2	74414959 7856140	30Ton Servo Motor 	 	1
3	 7856175---	Encoder 	 	1
4	74903504 SPT0291---	Encoder ASSY Hitachi IES	 	1
5	74403066 SPT0664---	Bushing KITAGAWA	KDT/Z05 	1
6	74414955 7856144	Encoder Cover & Cover Plate Hitachi IES	3Y811270 	1
7	74400510 7856176---	Encoder Cable Hitachi IES	3Y811712 	1



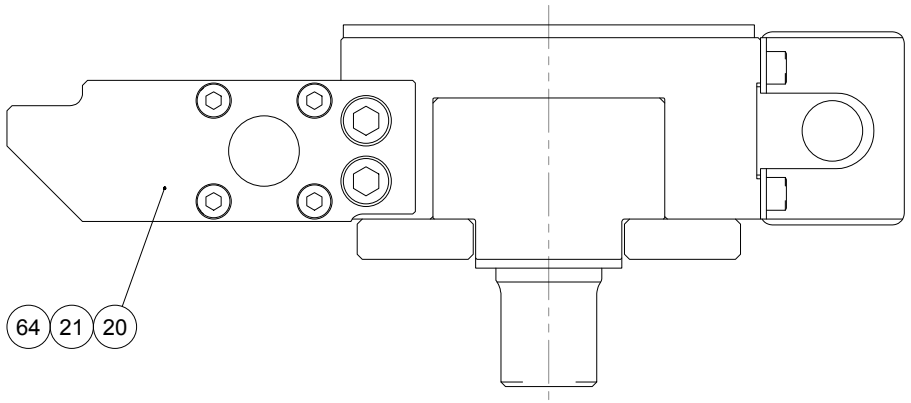




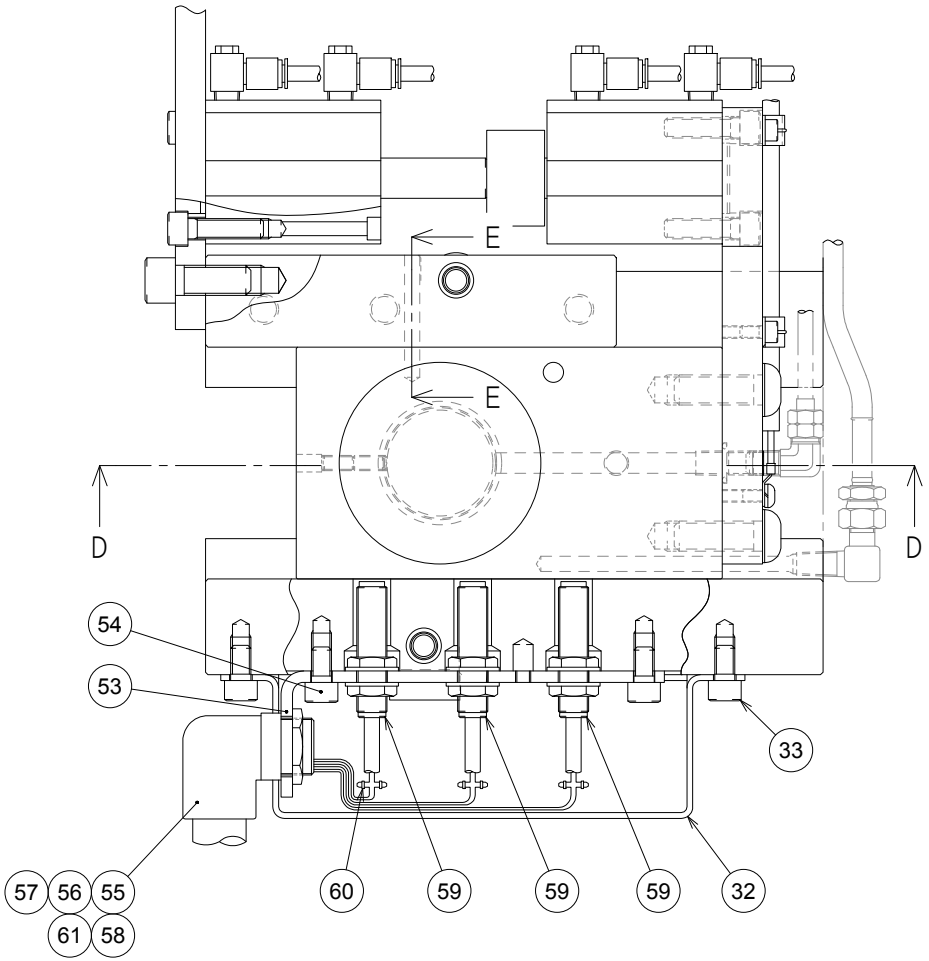
DETAIL A

(1) Striker ASSY (2) Striker ASSY (62) Adjusting ASSY (73) Striker ASSY

WA00284--B
(6872955--E)



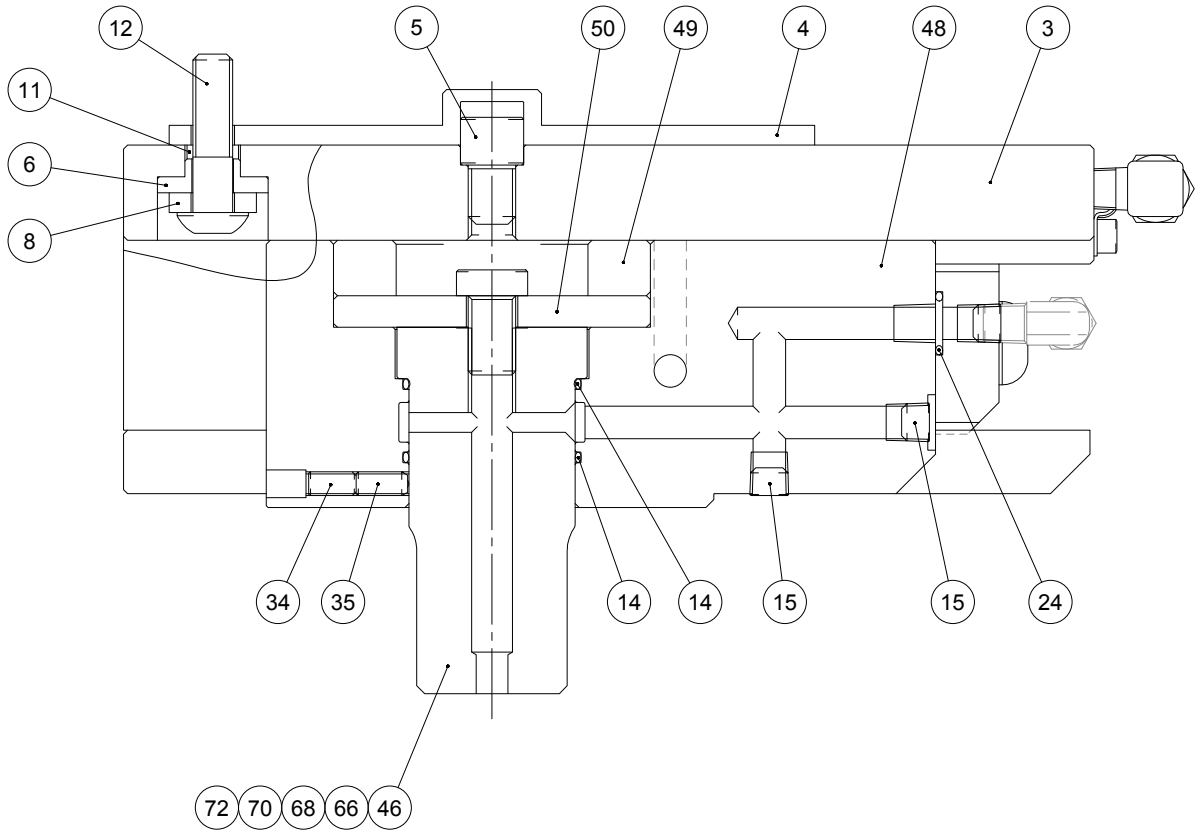
VIEW B



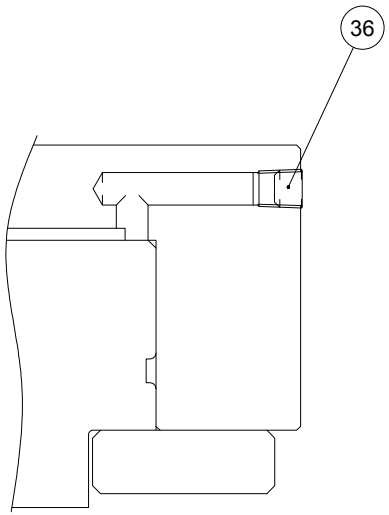
VIEW C

(52) Striker Proximity ASSY

WA00284---
(6872955--E)



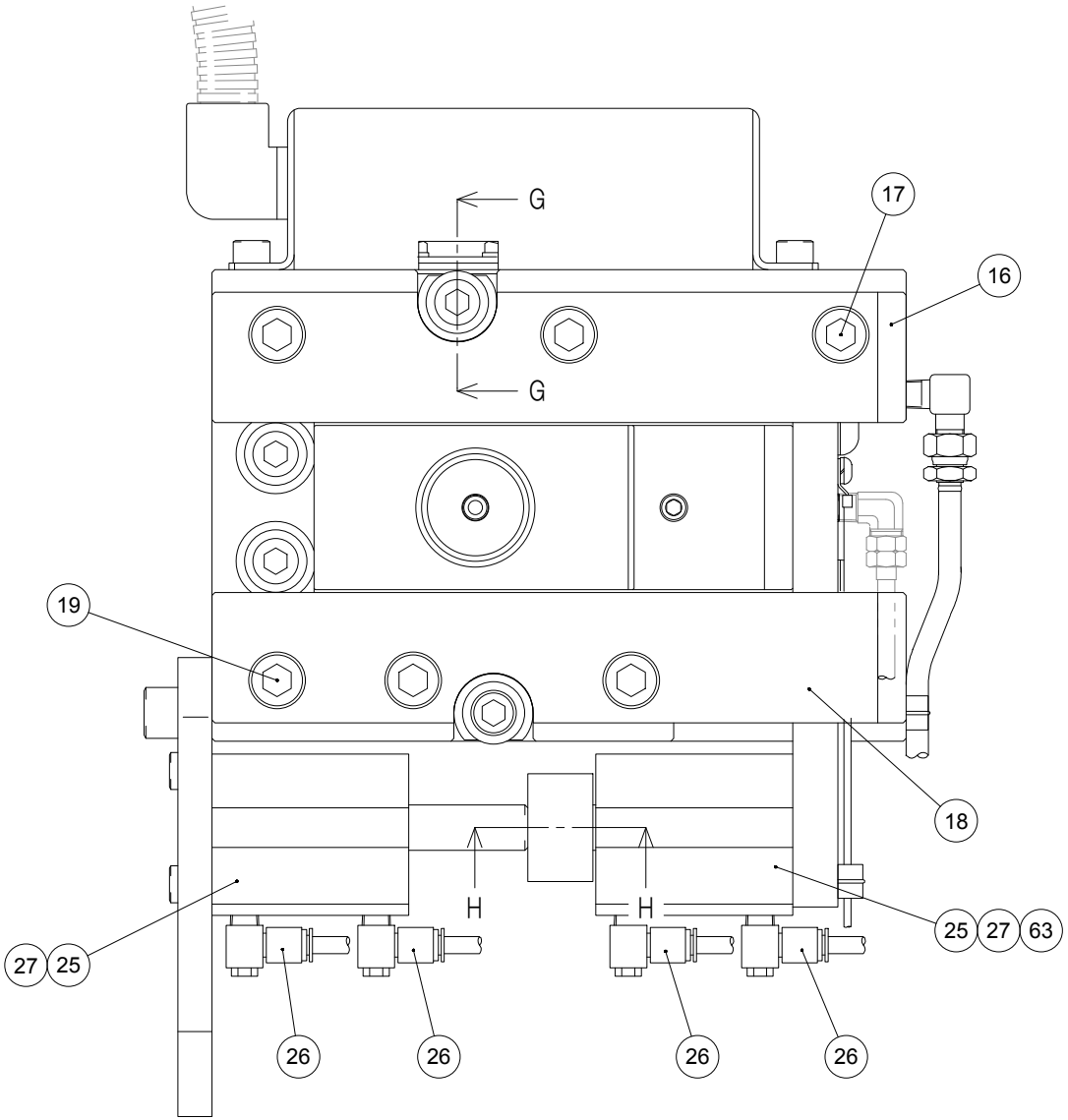
SECTION D-D



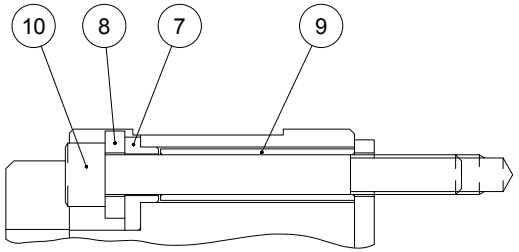
SECTION E-E

(45) Punch (-1) ASSY (47) Punch Holder EM30 Set (65) Punch (0.5) ASSY (67) Punch (0) ASSY (69) Punch (+0.5) ASSY (71) Punch (+1) ASSY

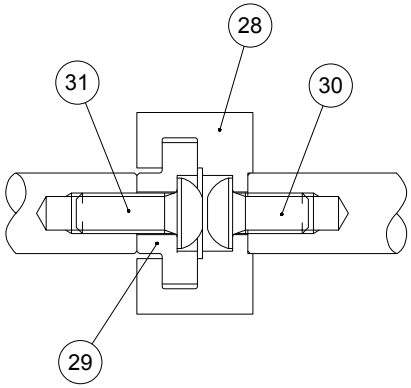
WA00284---
(6872955--E)



VIEW F



SECTION G-G



SECTION H-H

WA00284---
(6872955--E)

Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00284--B	Striker ASSY	Index 2-77	1
2	WA00625--A	Striker ASSY	Index 3-46	1
3	74417258 6872998	Punch Holder Guide		1
4	74160234 0822035 B	Ram Isolating Plate		1
5	74379182 6575880	Locating Pin		1
6	74722455 6575878	Insulating Washer A		4
7	74722456 6575879	Insulating Washer B		2
8	74165309 0827013 B	Washer M10		6
9	74302804 0822052	Collar L		2
10	74535122 P330243015	Hex Socket Cap Screw SPS/UNBRAKO	M10X90	2
11	74162503 0822053	Collar S		4
12	74716054 P334513006	Button Head Screw SPS/UNBRAKO	M10X40LOC-WEL	4

Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1
14	74723012 P590032034	O Ring NOK	S42	2
15	74722926 P580208020	Plug for Piping GOSHO Works	GDL-1/8	2
16	74417259 6872996	Guide Rail F		1
17	74380159 P334500025	Button Head Screw JIS	M12X20	3
18	74417260 6872997	Guide Rail R		1
19	74380159 P334500025	Button Head Screw JIS	M12X20	3
20	74415417 6826289	Cylinder Bracket		1
21	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
22	74417261 6815249 A	Punch Holder Bracket		1
23	74569695 P334500066	Button Head Screw JIS	M12X35	2
24	74305201 P590000012	O Ring	P12	1

Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74451137 7831679	Compact Type Cylinder SMC	CQ2B40-40 with Index 26	2
26	74613236 P586563145	One Touch Fitting SMC	KQ2V06-01S	4
27	74183624 P330230008	Hex Socket Cap Screw	M8X30	8
28	74563683 6810497	Joint A		1
29	74563684 6810498	Joint B		1
30	74183315 P334500019	Button Head Screw	M8X15	1
31	74183316 P334500020	Button Head Screw	M8X20	1
32	74417263 6810500 B	Proximity Switch Box		1
33	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
34	74305505 P330550027	Socket Set Screw JIS	M6X12(Flat Point)	1
35	74563687 P338182010	Ball Plunger JEC	BP-6-H	1
36	74569041 P580208041	Plug for Piping GOSHO Works	P10810	1

Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74569040 P381017110	Saddle for Conduit DAIWA DENGYO	PZ0108(D6.2)	1
38	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	2
39	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
40	74183604 P330210003	Hex Socket Cap Screw	M5X10	1
41	74300516 P336050004	Spring Washer JIS	5	1
42	74902250 MA00877--A	Cable S-15 (1)		1
43	74777019 P585563006	Bite Type Pipe Fitting SMC	KFL08U-01 List Only	1
44	74903158 P334704069	Special Screw MISUMI	CBS12-20 List Only	1
45	 6872956--A	Punch (-1) ASSY	 Index 46	1
46	74400514 6884855---	Punch (-1)		1
47	 6872969--C	Punch Holder EM30 Set	 Index 48-51	1
48	74777310 6884851---	Punch Holder		1

Unit No. 116 Drive <Striker ASSY>

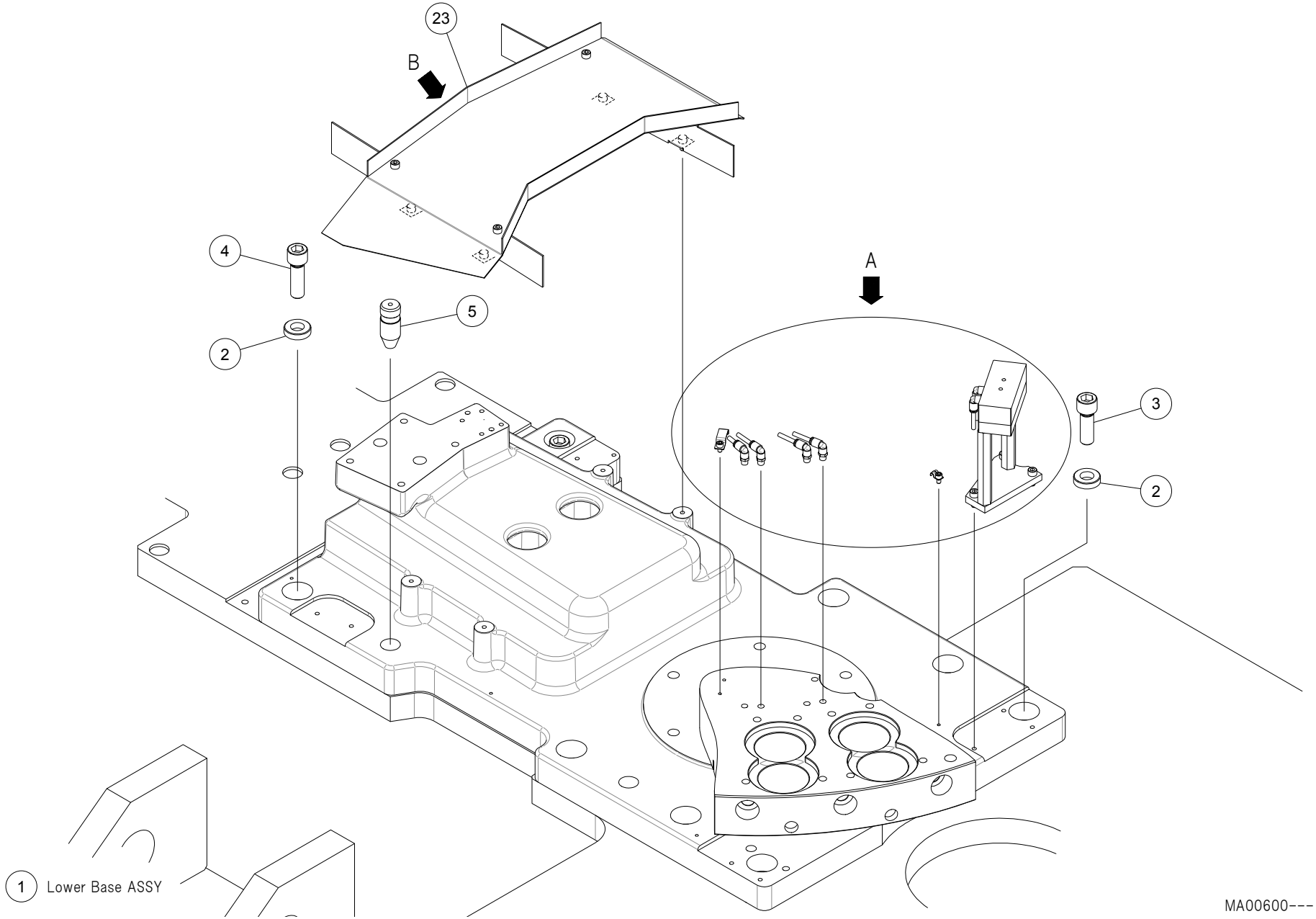
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74777311 6884852---	Backup Plate		1
50	74777312 6884853---	Shear Plate		1
51	74903158 P334704069	Special Screw MISUMI	CBS12-20 List Only	1
52	 6872967--A	Striker Proximity ASSY	 Index 53-61	1
53	74400511 6810499--A	Proximity Switch Bracket		1
54	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
55	74400512 6812955--B	Cable S-1 (1)	 with Index 5657	1
56	74165549 P860003042	Plug JAE	MFWO-P167T	1
57	74723038 P866008007	90 Degrees Elbow Captain Industries	GMM-16	1
58	74400513 7834232---	Lock Nut SHIMIZU Mfg	FG-2390	1
59	74417264 7833065 A	Proximity Switch YAMATAKE	FL7M-2J6D-911	3
60	74382938 P869150001	Terminal JIS	CE-1	6

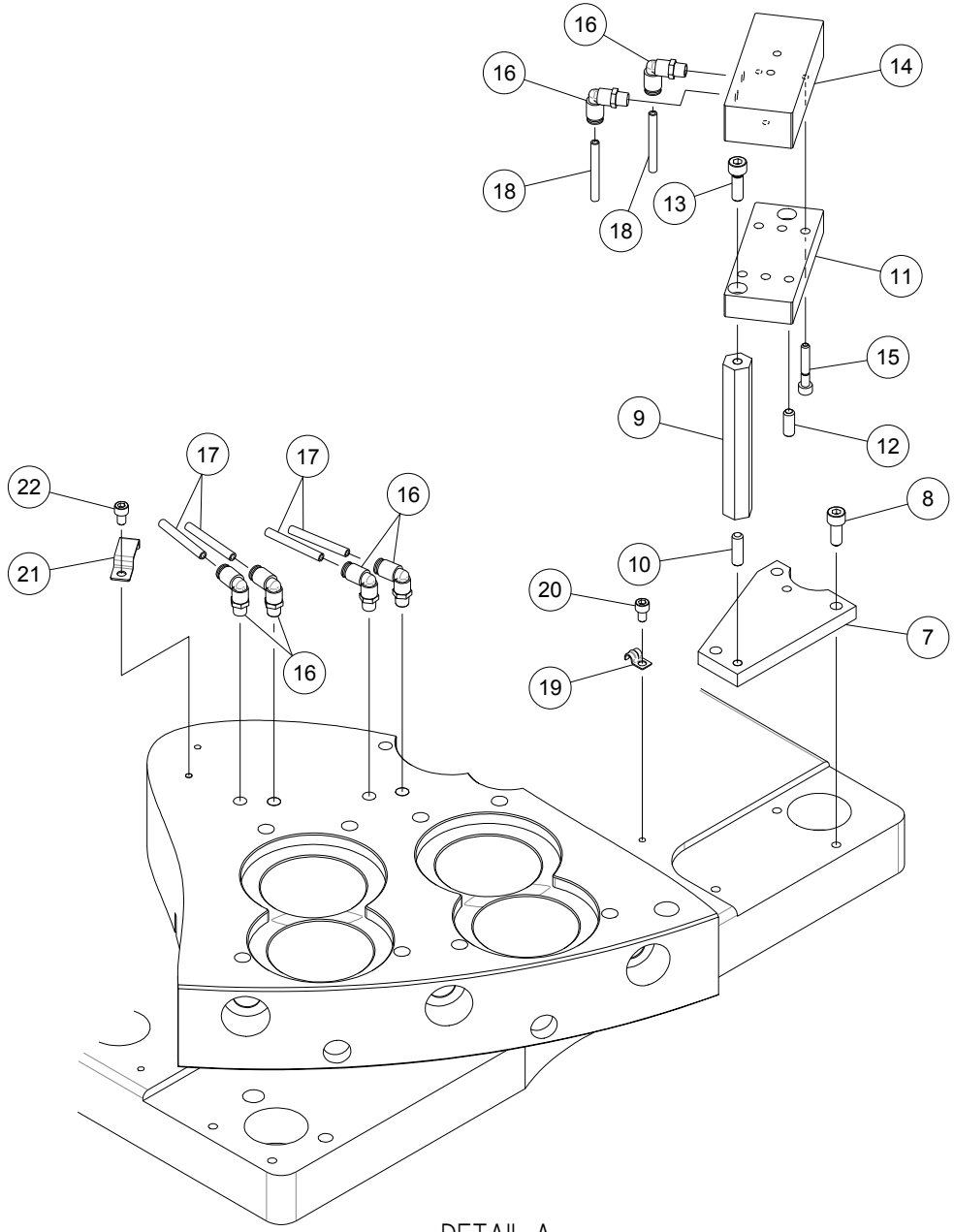
Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74310422 P381058011	Cable Band SHIBAKEI	CV-100N	4
62	 6828593	Adjusting ASSY	 Index 6364	1
63	74417265 6828591	Shim C		2
64	74417266 6828592	Shim T		2
65	 6872958--A	Punch (-0.5) ASSY	 Index 66	1
66	74777308 6884858---	Punch (-0.5)		1
67	 6872960--A	Punch (0) ASSY	 Index 68	1
68	74777307 6884854---	Punch (0)		1
69	 6872962--A	Punch (+0.5) ASSY	 Index 70	1
70	74777306 6884856---	Punch (+0.5)		1
71	 6872964--A	Punch (+1) ASSY	 Index 72	1
72	74400515 6884857---	Punch (+1)		1

Unit No. 116 Drive <Striker ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73		Striker ASSY		1
	6872933--A		Index 74-76	
74	74417189	Collar		1
	6872941			
75	74417190	Pipe		1
	6872942			
76	74383473	Socket Set Screw	M12X10(Flat Point)	1
	P330550111	JIS	List Only	
77	74400636	Plunger ASSY		1
	7831559			

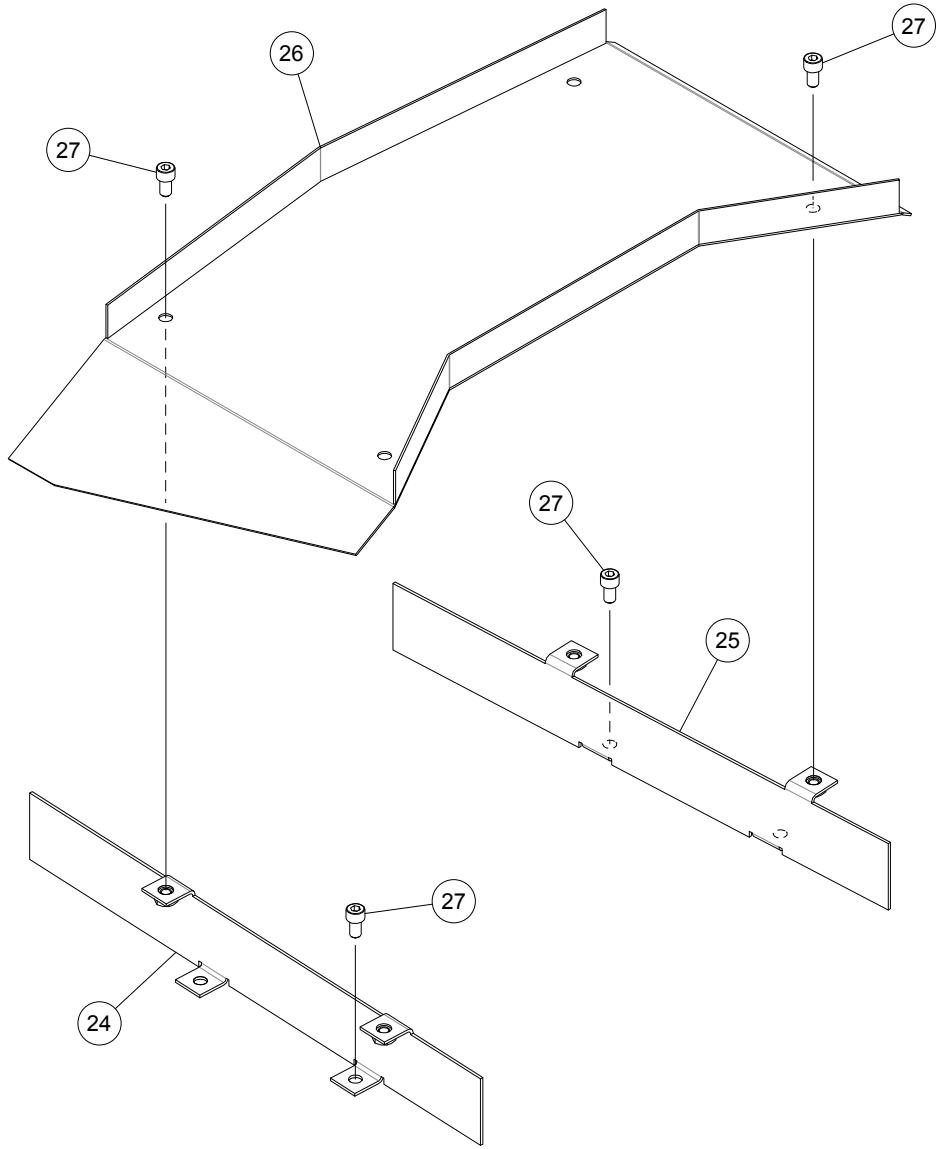

23
B
4
A
5
2
3
2
1 Lower Base ASSY
MA00600---



(6) Tap Sensor Piping ASSY

DETAIL A

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 117 Turret AI(36ST-2AI)E <Lower Base ASSY>

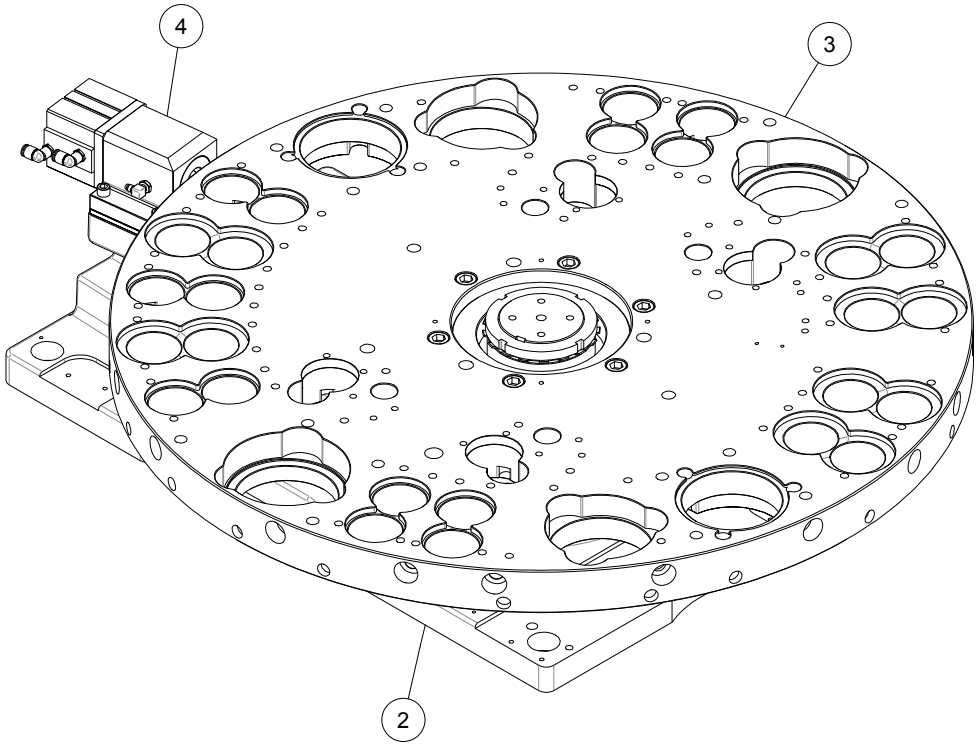
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

Unit No. 117 Turret AI(36ST-2AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 117 Turret AI(36ST-2AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8

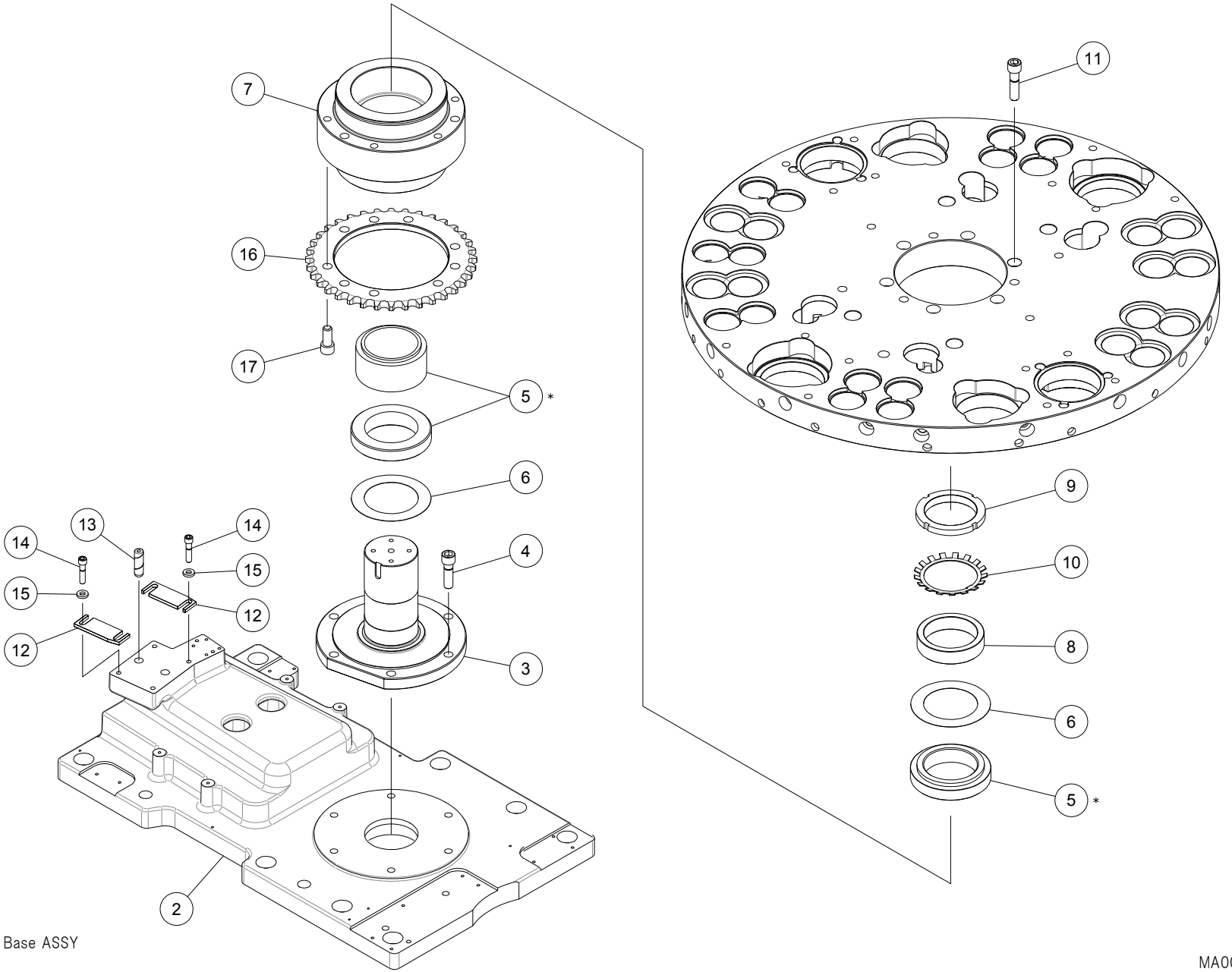


(1) Lower Turret ASSY 36ST-2AI

MA04630---

Unit No. 118 Turret AI(36ST-2AI)E <Lower Turret ASSY 36ST-2AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04630---	Lower Turret ASSY 36ST-2AI	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	MA04632---	36ST Disk ASSY Lower		1
4	74900326 6875464	Index Pin ASSY	List Only	1



(1) Lower Base ASSY

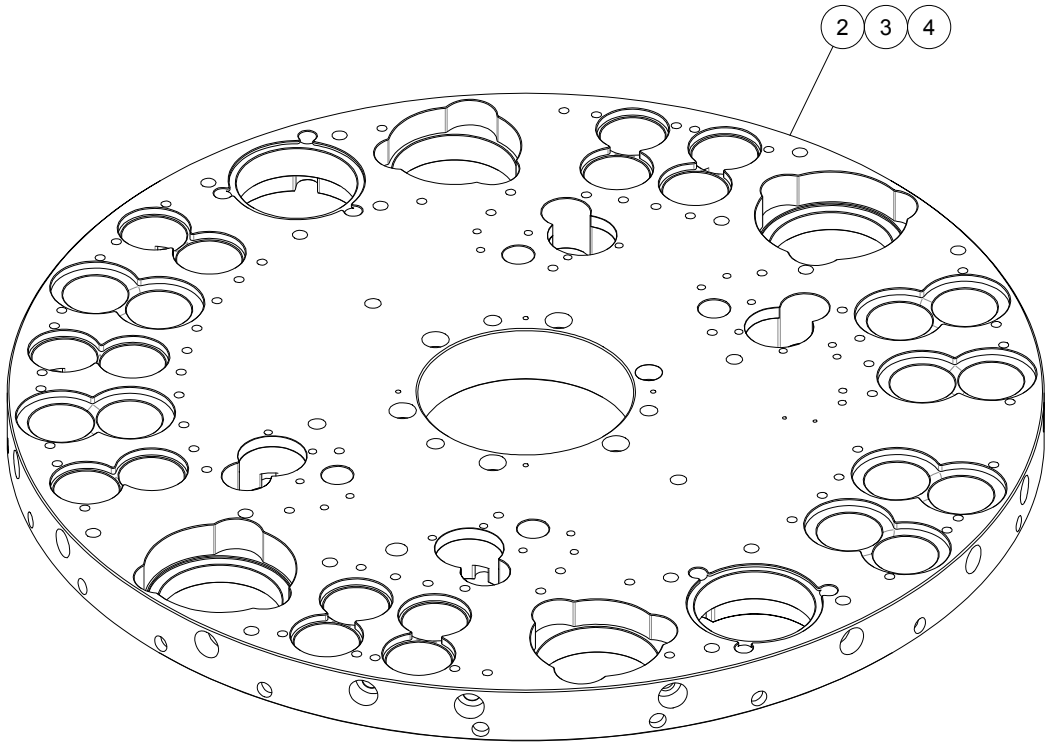
MA00632---

Unit No. 119 Turret AI(36ST-2AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00632---	Lower Base ASSY	Index 2-17	1
2	74900351 MA00354--A	Lower Base		1
3	74900373 MA00633--A	Bearing Shaft Lower		1
4	74776766 P330270009	Hex Socket Cap Screw	M20X70	6
5	74569663 7830623 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74421315 6827302	Collar		2
7	74900374 MA00634---	Bearing Housing Lower		1
8	74900375 MA00635---	Collar		1
9	74421248 0811674 B	Crown Nut		1
10	74303123 P406040019	Locking Washer JIS	AW-24	1
11	74776767 P330270011	Hex Socket Cap Screw	M20X80	6
12	74577424 6812556	Spacer		2

Unit No. 119 Turret AI(36ST-2AI)E <Lower Base ASSY>

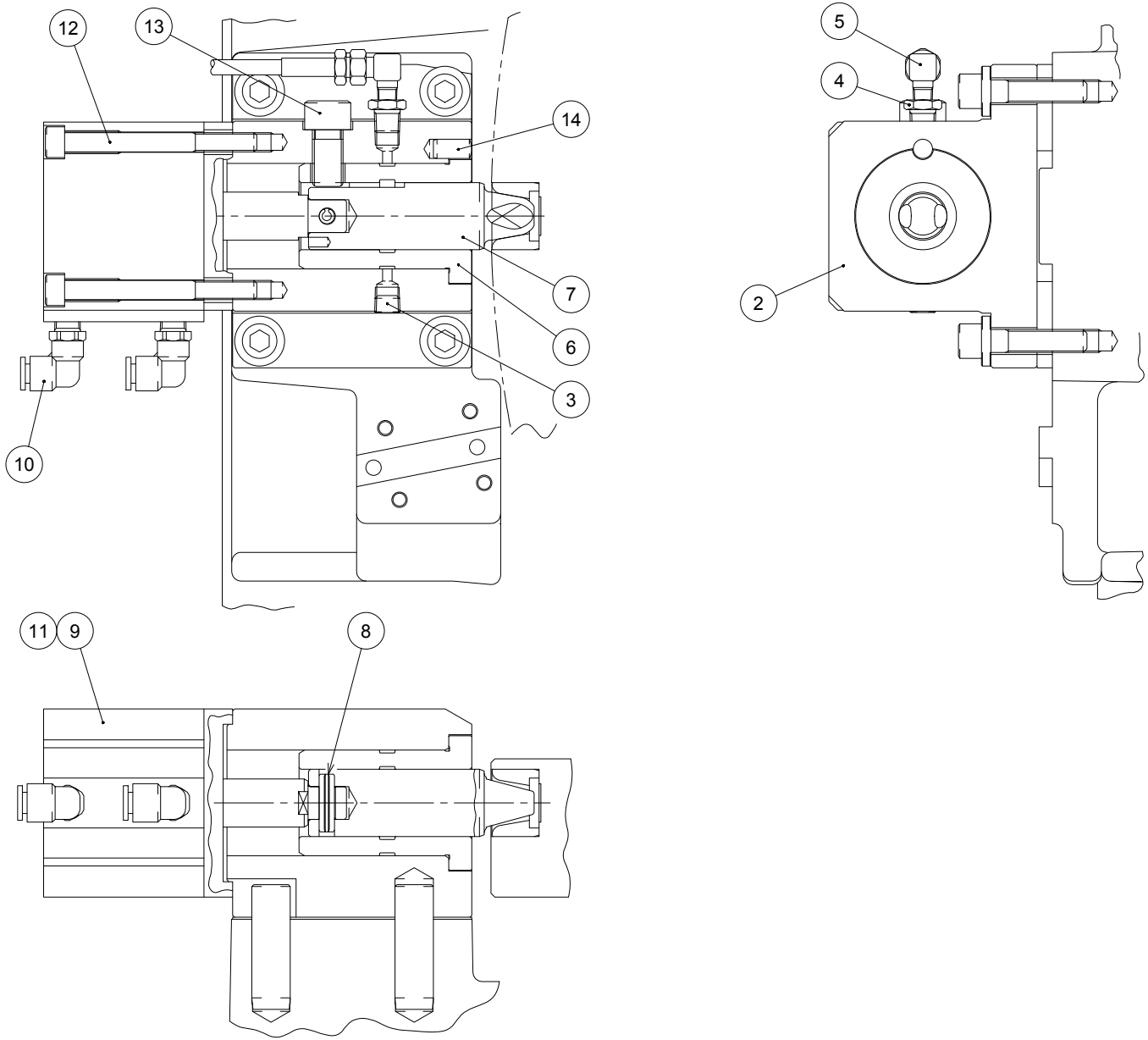
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6



1	36ST Disk ASSY Lower	MA04632--- (MA00632---)

Unit No. 120 Turret AI(36ST-2AI)E <36ST Disk ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04632---	36ST Disk ASSY Lower	Index 2-4	1
2	74900517 MA00625--A	36ST Lower Turret Disk		1
3	74160230 0480336 K	Bushing		21
4	74570101 6813173	Sub Index Pin Bushing		21



(1) Index Pin ASSY

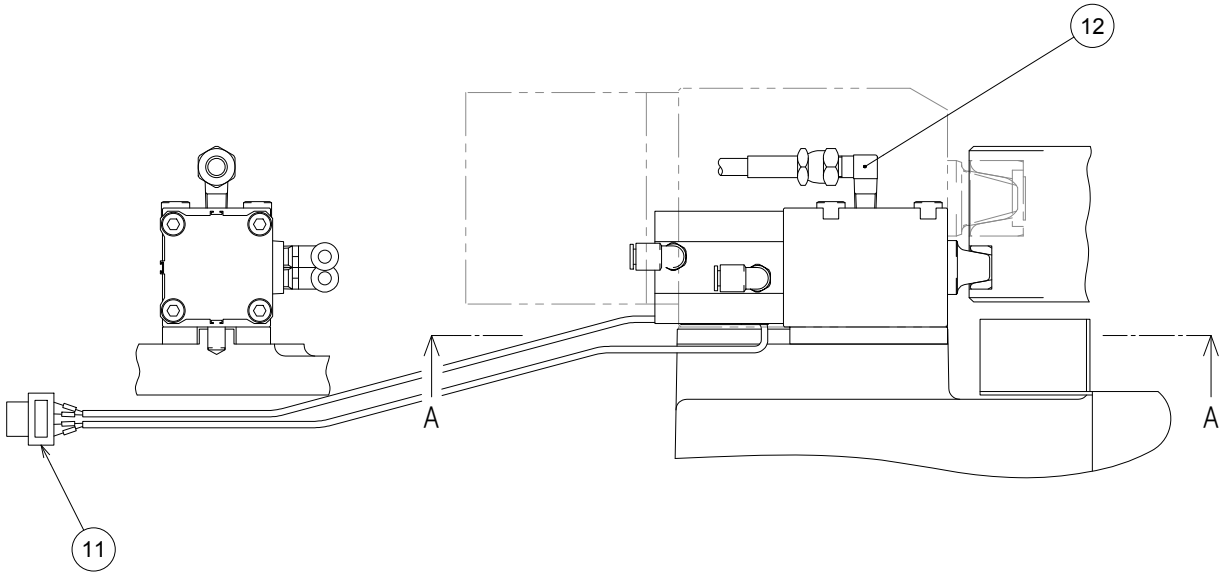
6875464
(6875460#1F)
(6875460#2C)

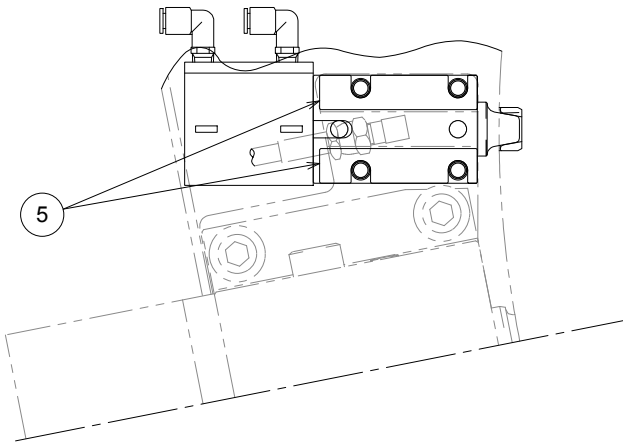
Unit No. 121 Turret AI(36ST-2AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

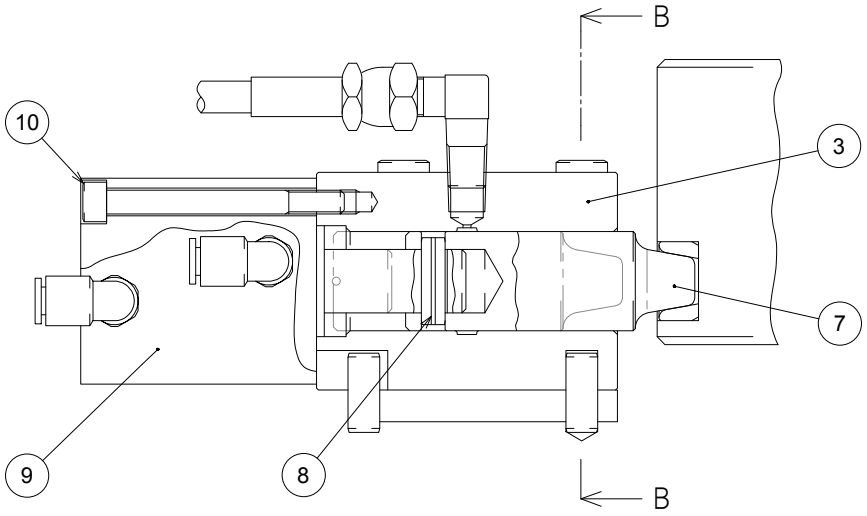
Unit No. 121 Turret AI(36ST-2AI)E <Index Pin ASSY>

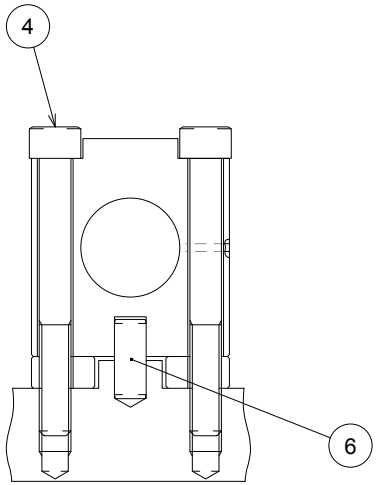
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





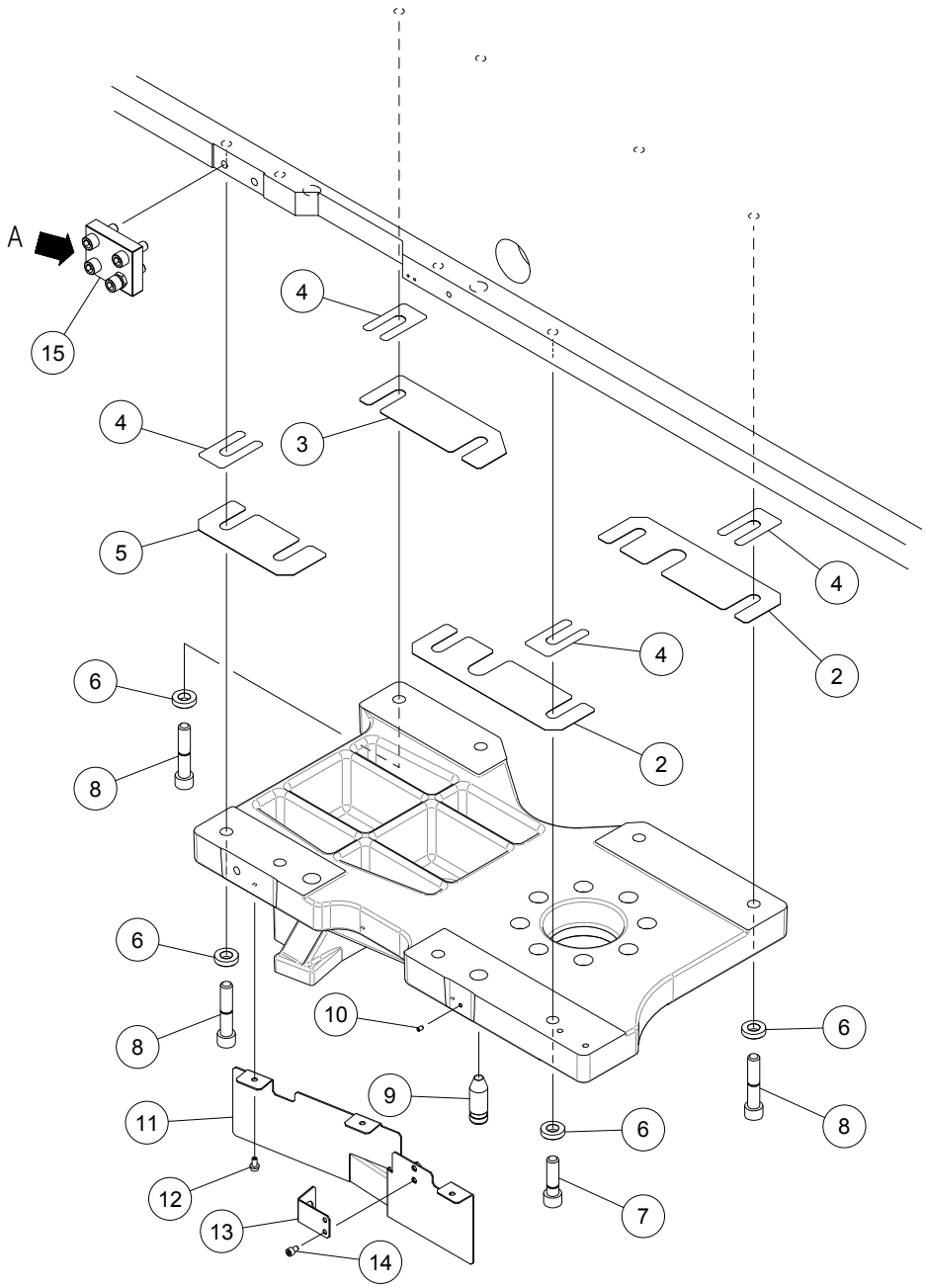
SECTION B-B

(1) Lower Base PDC ASSY (2) Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

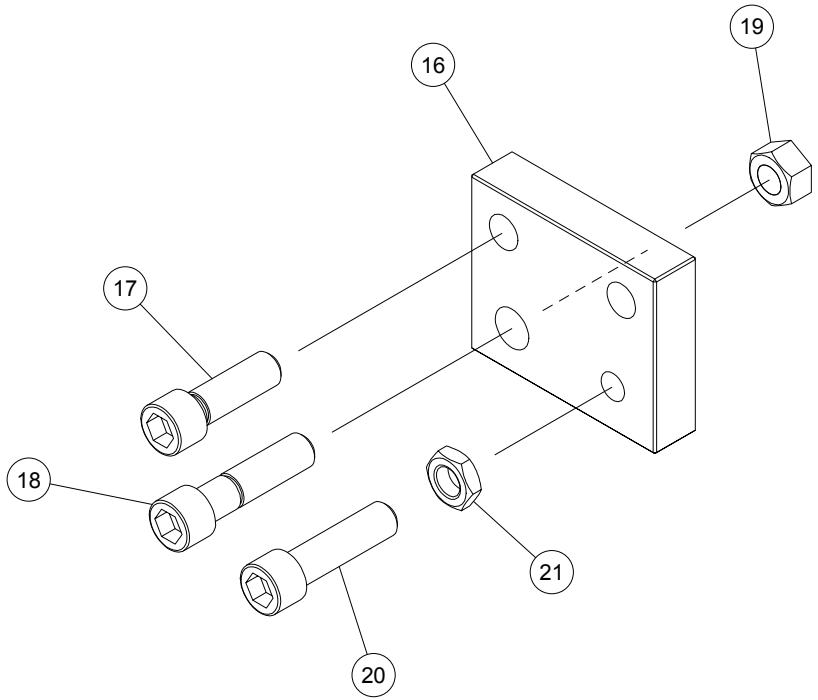
Unit No. 122 Turret AI(36ST-2AI)E <Lower Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

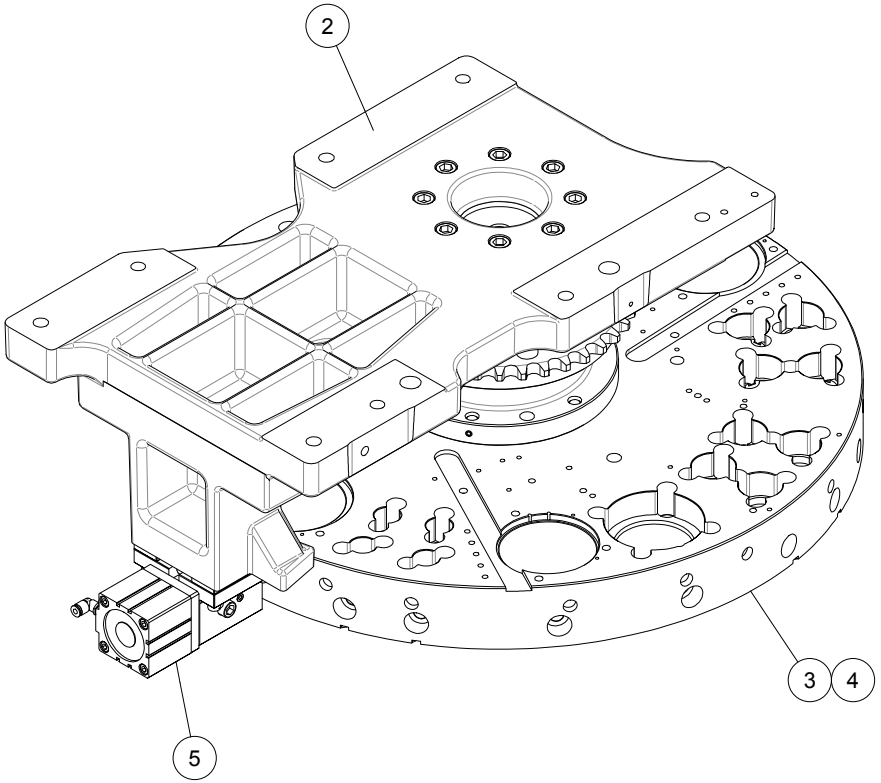
MA00642---

Unit No. 123 Turret AI(36ST-2AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00602---	Upper Base ASSY	Index 2-21	1
2	74900376 MA00639--A	Shim A		2
3	74900377 MA00640---	Shim B		1
4	74900380 MA00645---	Shim E		4
5	74900378 MA00641--A	Shim C		1
6	74159434 0821009 B	Washer		8
7	74776766 P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 6892024 A	Locating Pin		2
10	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Type)	1
11	74900461 MA02408--B	Chain Cover		1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 123 Turret AI(36ST-2AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1

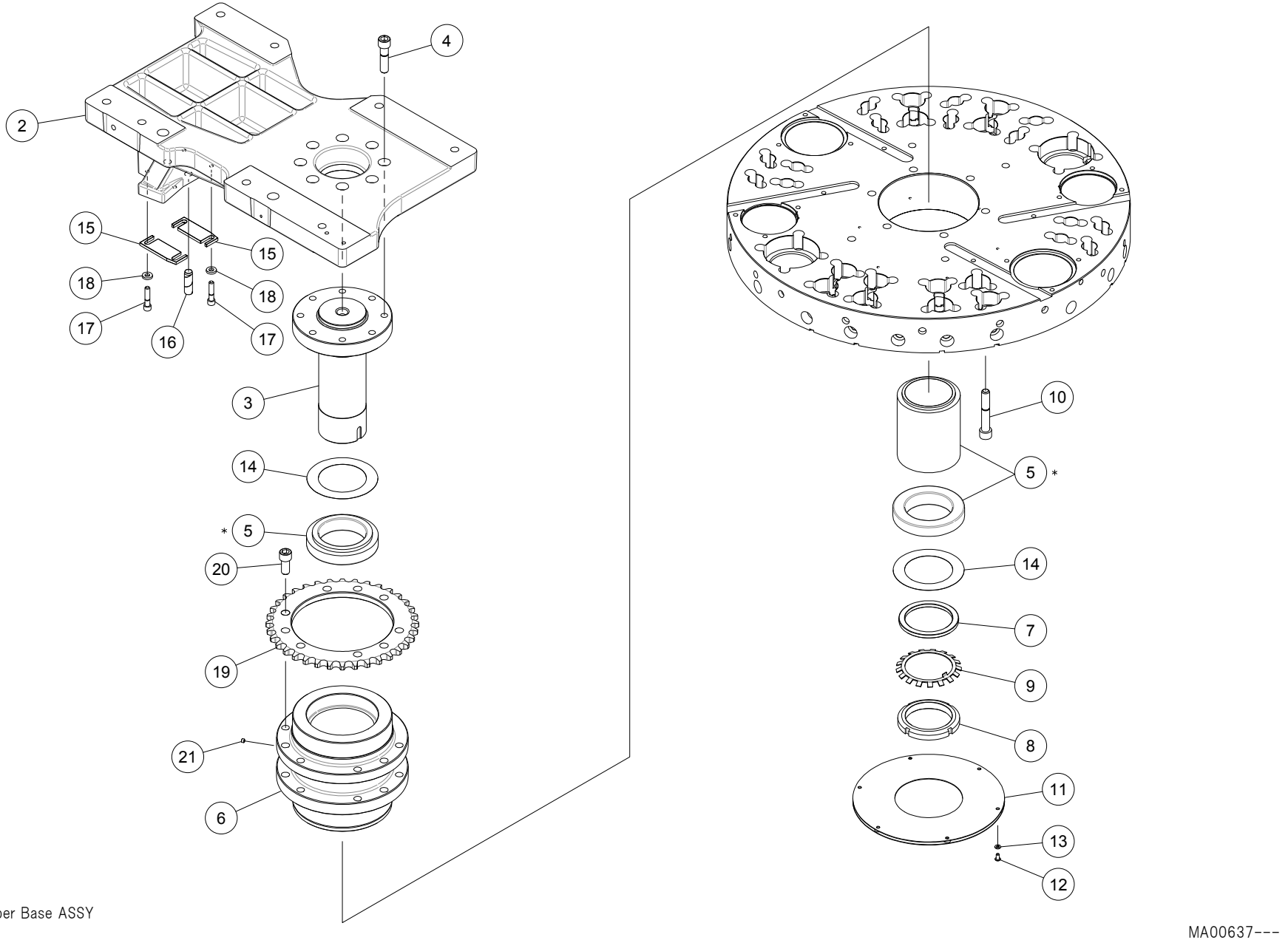


(1) Upper Turret ASSY 36ST-2AI

MA00637---

Unit No. 124 Turret AI(36ST-2AI)E <Upper Turret ASSY 36ST-2AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04631---	Upper Turret ASSY 36ST-2AI	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	MA04633---	36ST Disk ASSY Upper		1
4	MA04634---	36ST Tool ASSY		1
5	74900326 6875464	Index Pin ASSY		1



(1) Upper Base ASSY

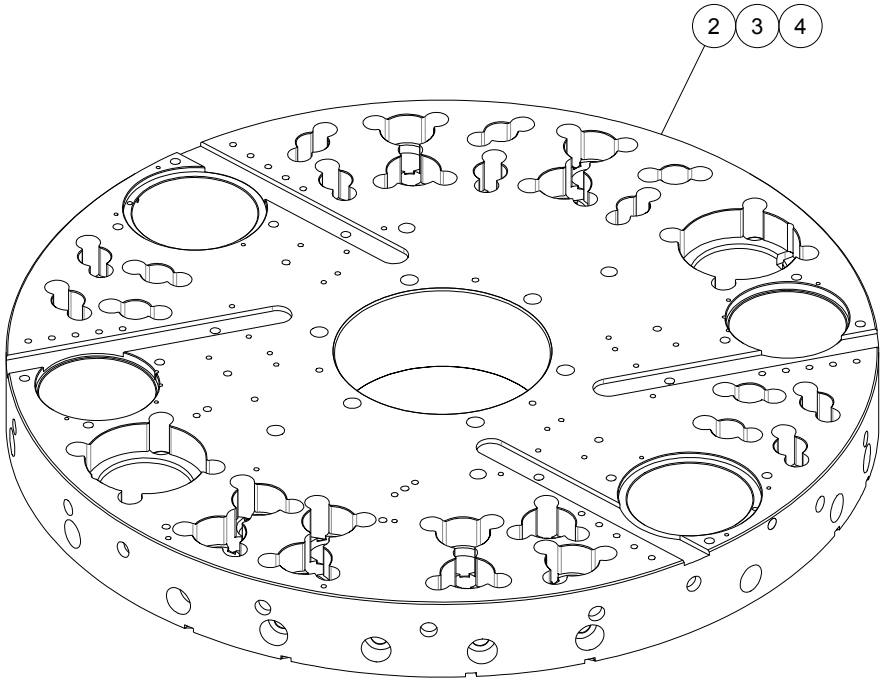
MA00637---

Unit No. 125 Turret AI(36ST-2AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 MA00352--B	Upper Base		1
3	74569656 6812552 A	Bearing Shaft Upper		1
4	74776767 P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 7830622 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74379117 6530296	Bearing Housing Upper		1
7	74379119 6530298	Collar		1
8	74421248 0811674 B	Crown Nut		1
9	74303123 P406040019	Locking Washer JIS	AW-24	1
10	74900649 P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 6530299 A	Cap		1
12	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 125 Turret AI(36ST-2AI)E <Upper Base ASSY>

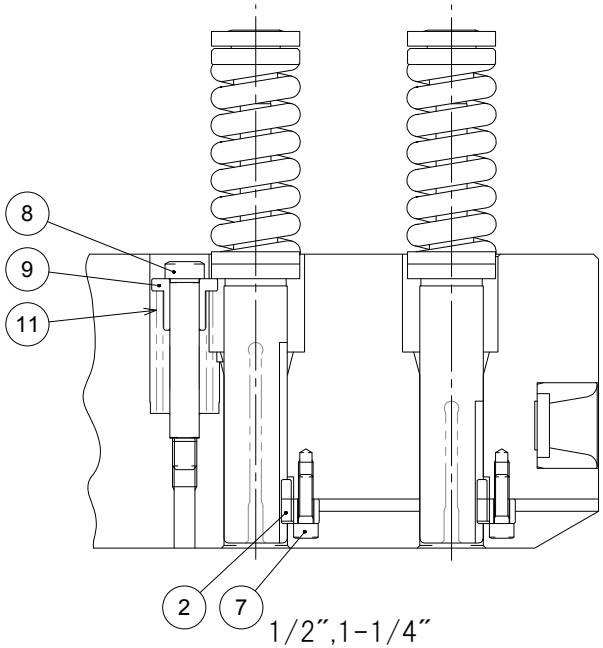
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1



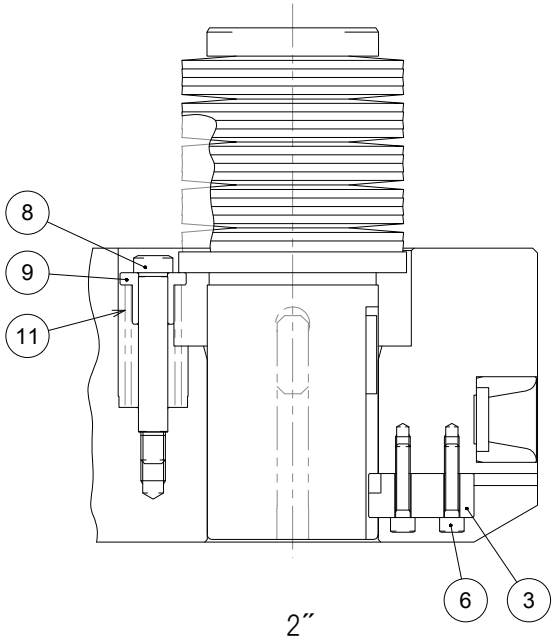
1	36ST Disk ASSY Upper	MA04633--- (MA00637---)

Unit No. 126 Turret AI(36ST-2AI)E <36ST Disk ASSY Upper>

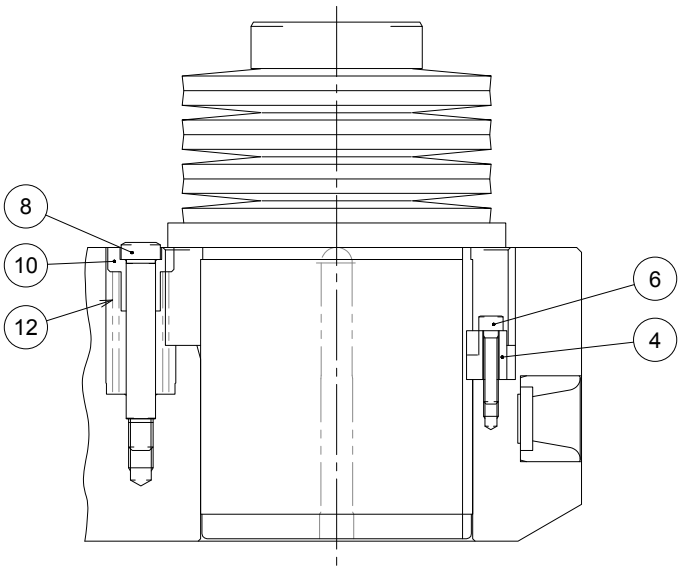
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04633---	36ST Disk ASSY Upper	Index 2-4	1
2	74900516 MA00624--A	36ST Upper Turret Disk		1
3	74160230 0480336 K	Bushing		21
4	74570101 6813173	Sub Index Pin Bushing		21



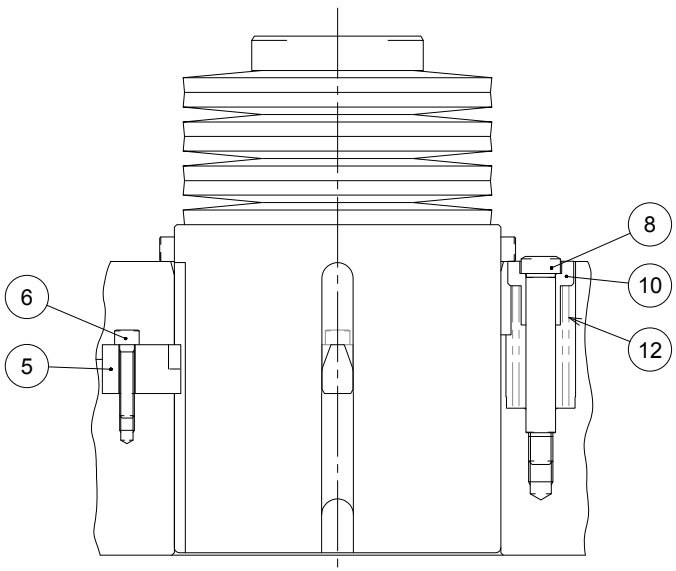
1/2″,1-1/4″



2″



3-1/2″



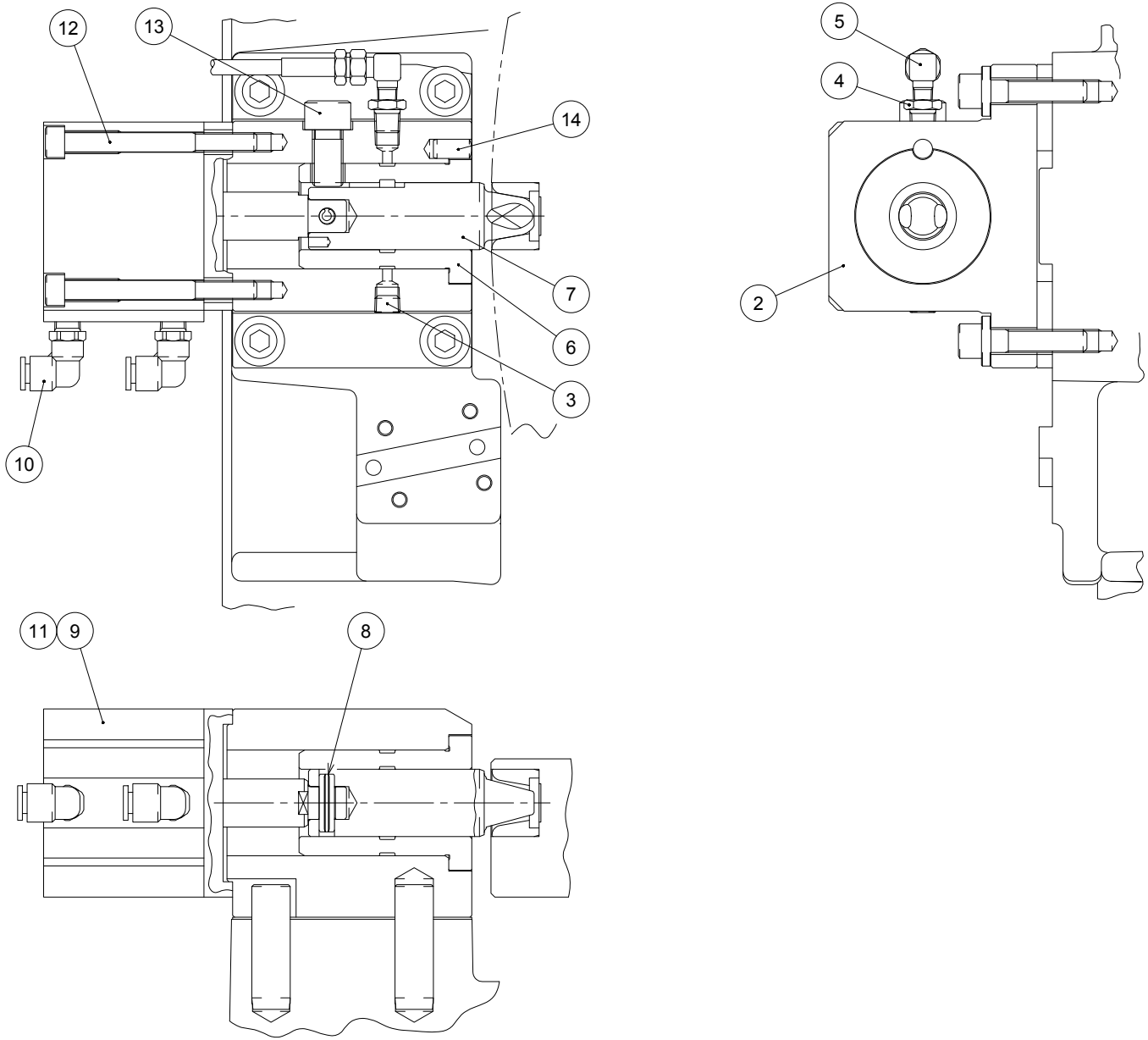
4-1/2″

(1) 36ST Tool ASSY

MA04634---
(MA00616---)
(6812835)
(6812834)
(6812833)

Unit No. 127 Turret AI(36ST-2AI)E <36ST Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04634---	36ST Tool ASSY	Index 2-12	1
2	74903475 / 3008133--A	1/2" Guide Key		30
3	74569850 / 6812864	2" Guide Key		2
4	74569852 / 6812865	3-1/2" Guide Key		1
5	74387448 / 7400914 B	4-1/2" Guide Key		1
6	74183614 / P330220012	Hex Socket Cap Screw	M6X30	4
7	74183611 / P330220009	Hex Socket Cap Screw / JIS	M6X20	30
8	74569846 / 3204978	Shoulder Screw		81
9	74165223 / 5500217 B	Lifter Collar		73
10	74165219 / 5501009 C	Lifter Ring		8
11	74569847 / 3200854	Spring 1/2"1-1/4"2"		73
12	74569851 / 3204979 A	Spring 3-1/2"4-1/2"		8



(1) Index Pin ASSY

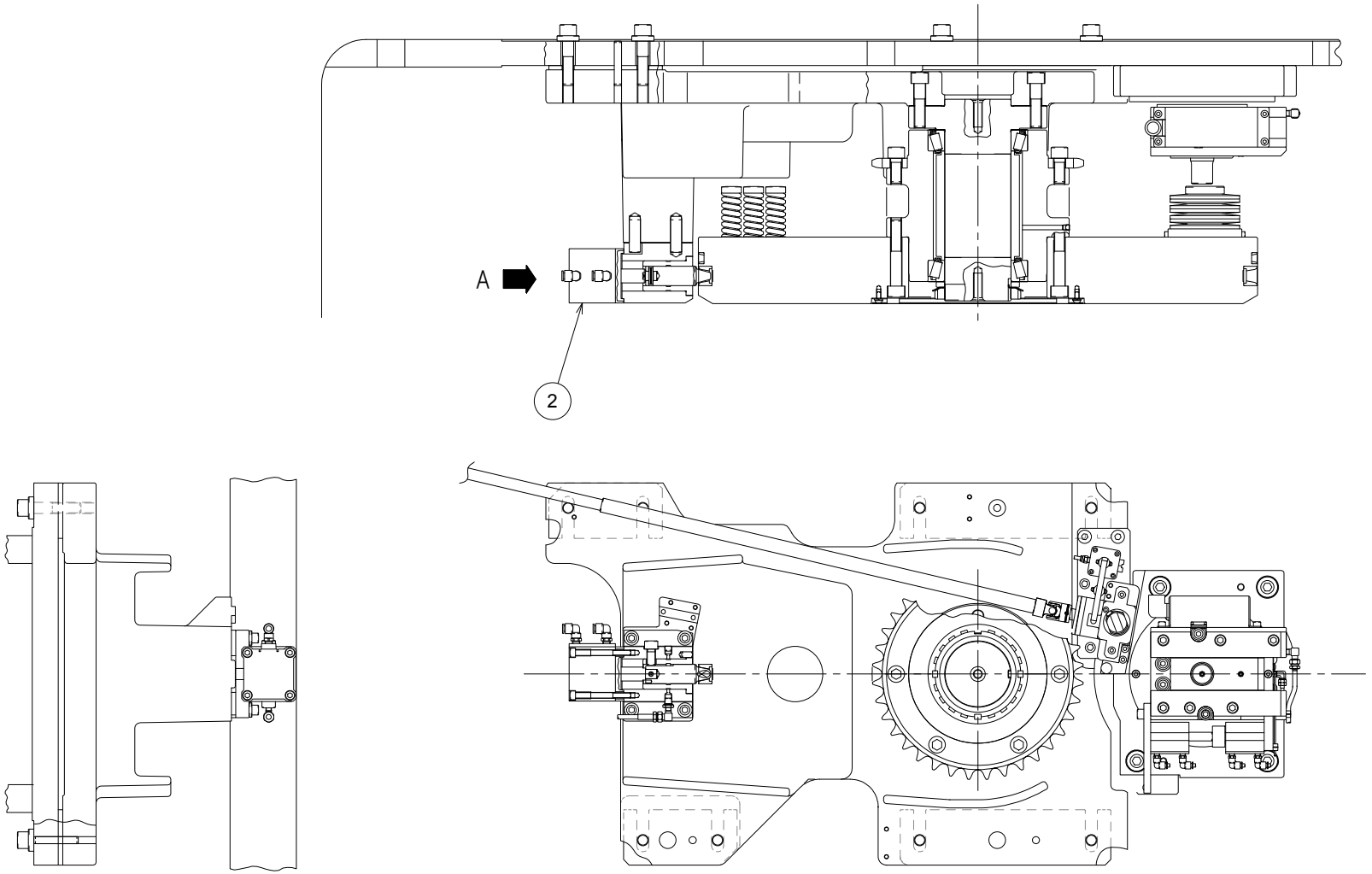
6875464
(6875460#1F)
(6875460#2C)

Unit No. 128 Turret AI(36ST-2AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

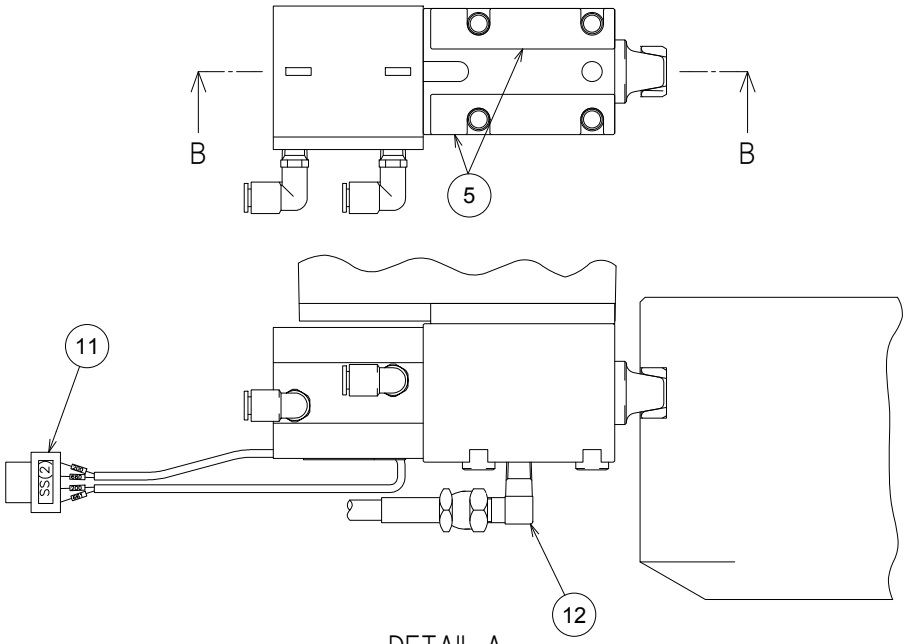
Unit No. 128 Turret AI(36ST-2AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1

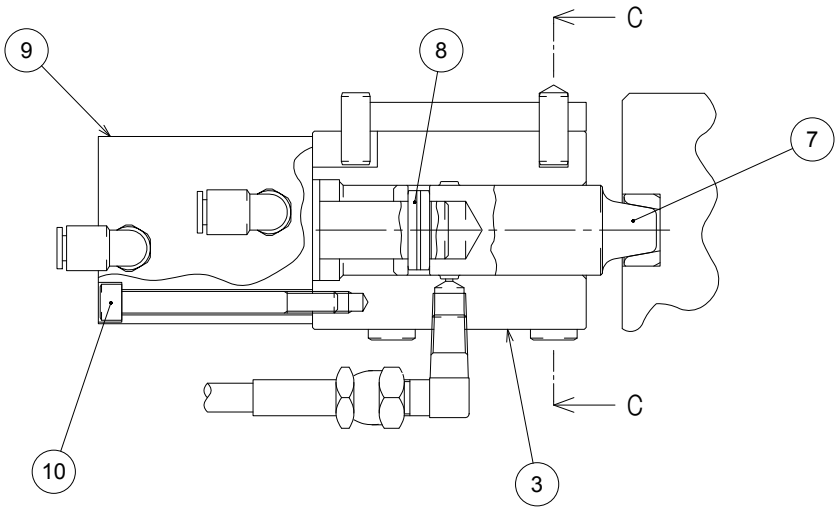


(1) Upper Base PDC ASSY

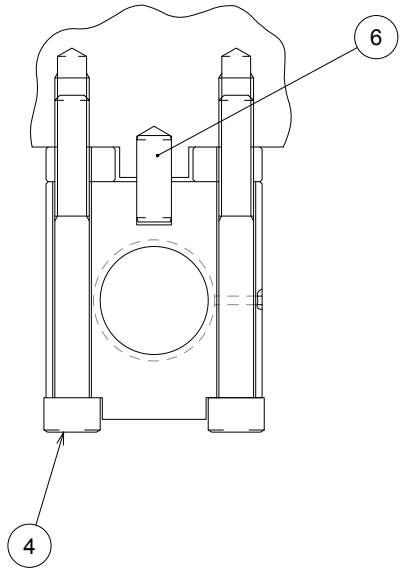
CE00571---
(6875470--H)



DETAIL A



SECTION B-B

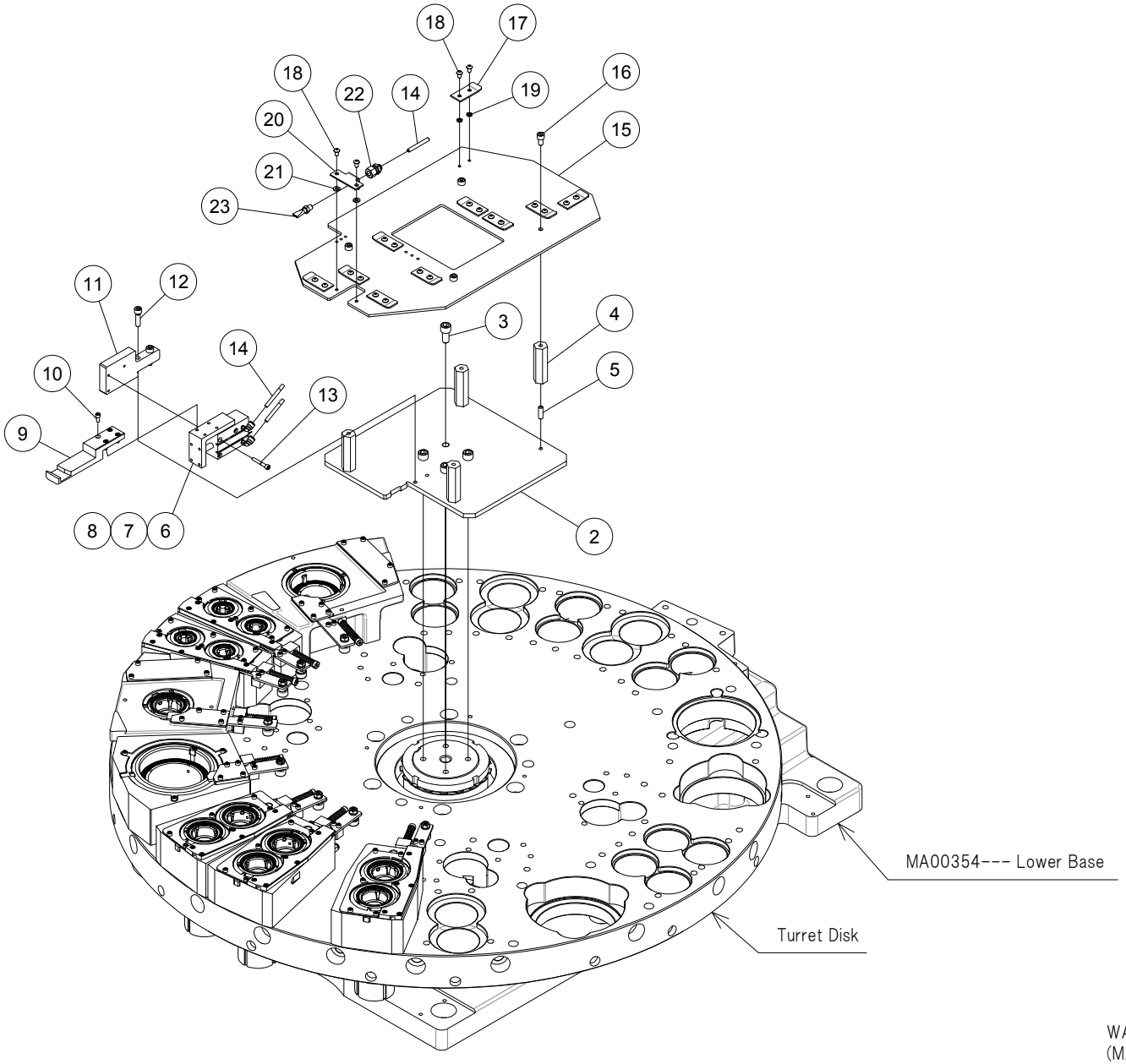


SECTION C-C

CE00571---
(6875470--H)

Unit No. 129 Turret AI(36ST-2AI)E <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Brush Support ASSY

WA00370---
(MA03359---)

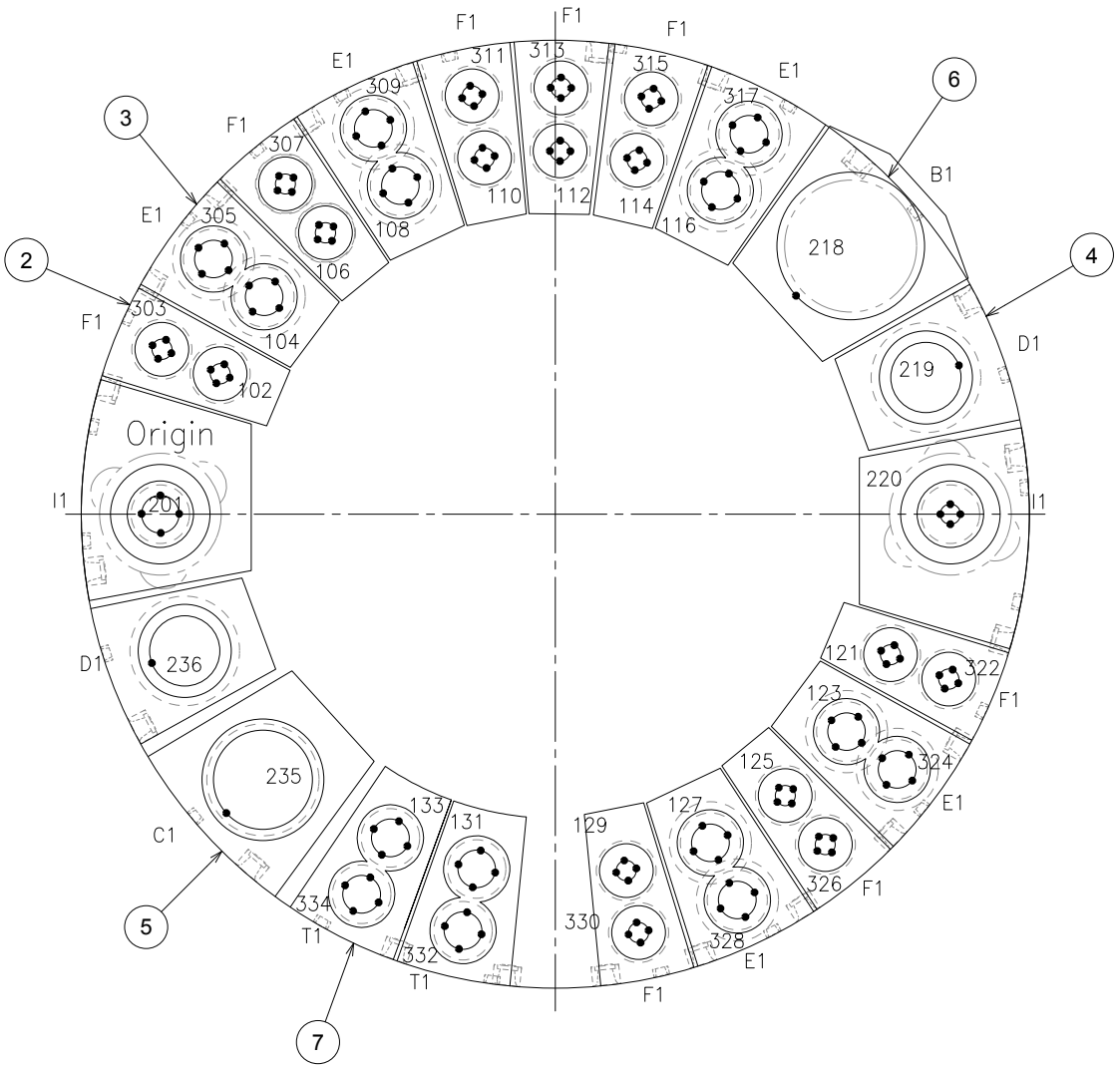
Unit No. 130 Turret AI(36ST-2AI)E <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 130 Turret AI(36ST-2AI)E <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1

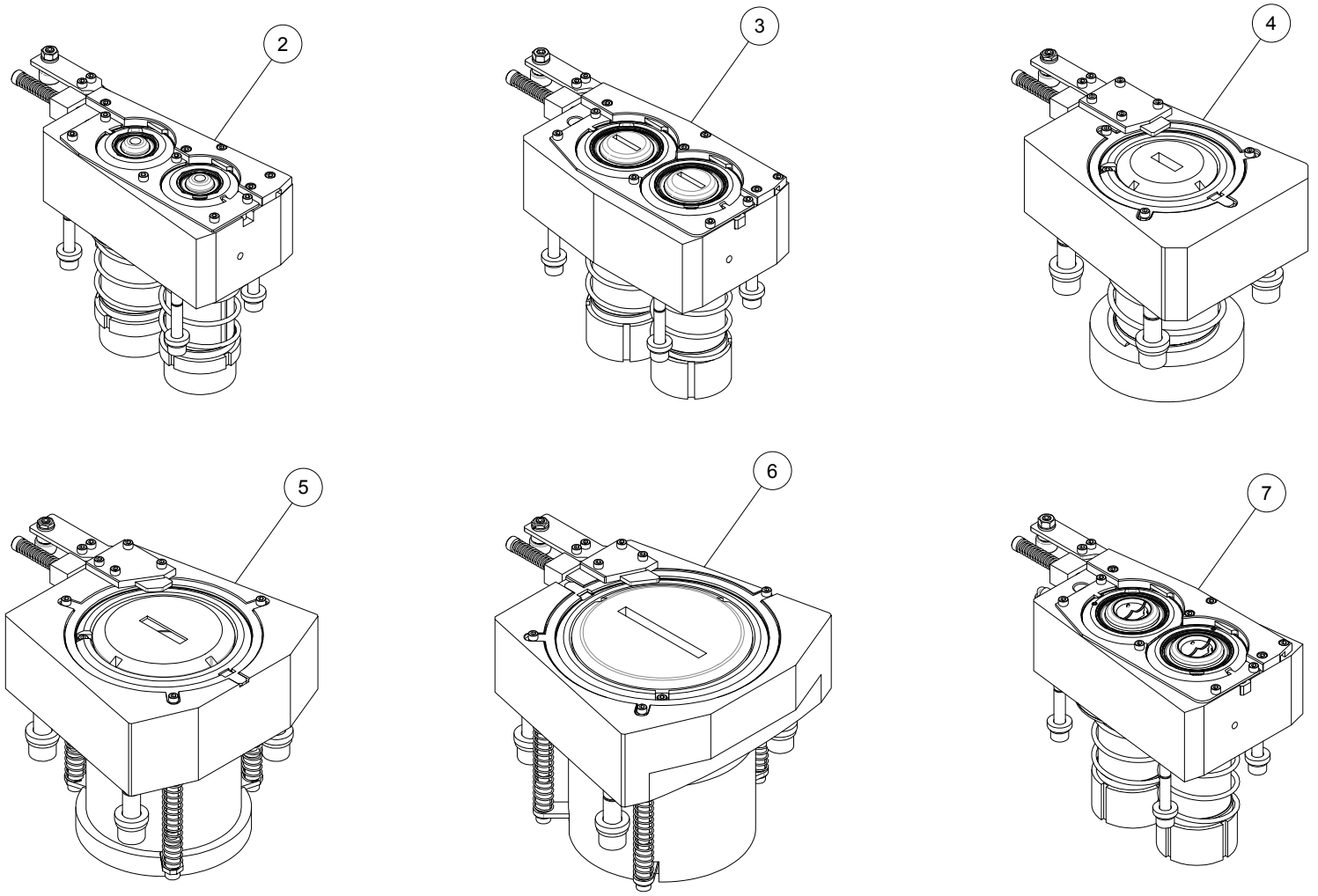
記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
B1	4·1/2"	MA00590--B	MA01277---	1	1
C1	3·1/2"	MA00252--A	MA00254---	1	1
D1	2"	MA00266---	MA00268---	2	2
E1	1·1/4"	MA00591--A	MA01267---	5	10
F1	1/2"	MA00569--A	MA00571---	8	16
I1	AI (1·1/4")		MA01267---	2	2
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		36



1 36ST Lower Tool Kit

<36ST Die Holder Layout A>

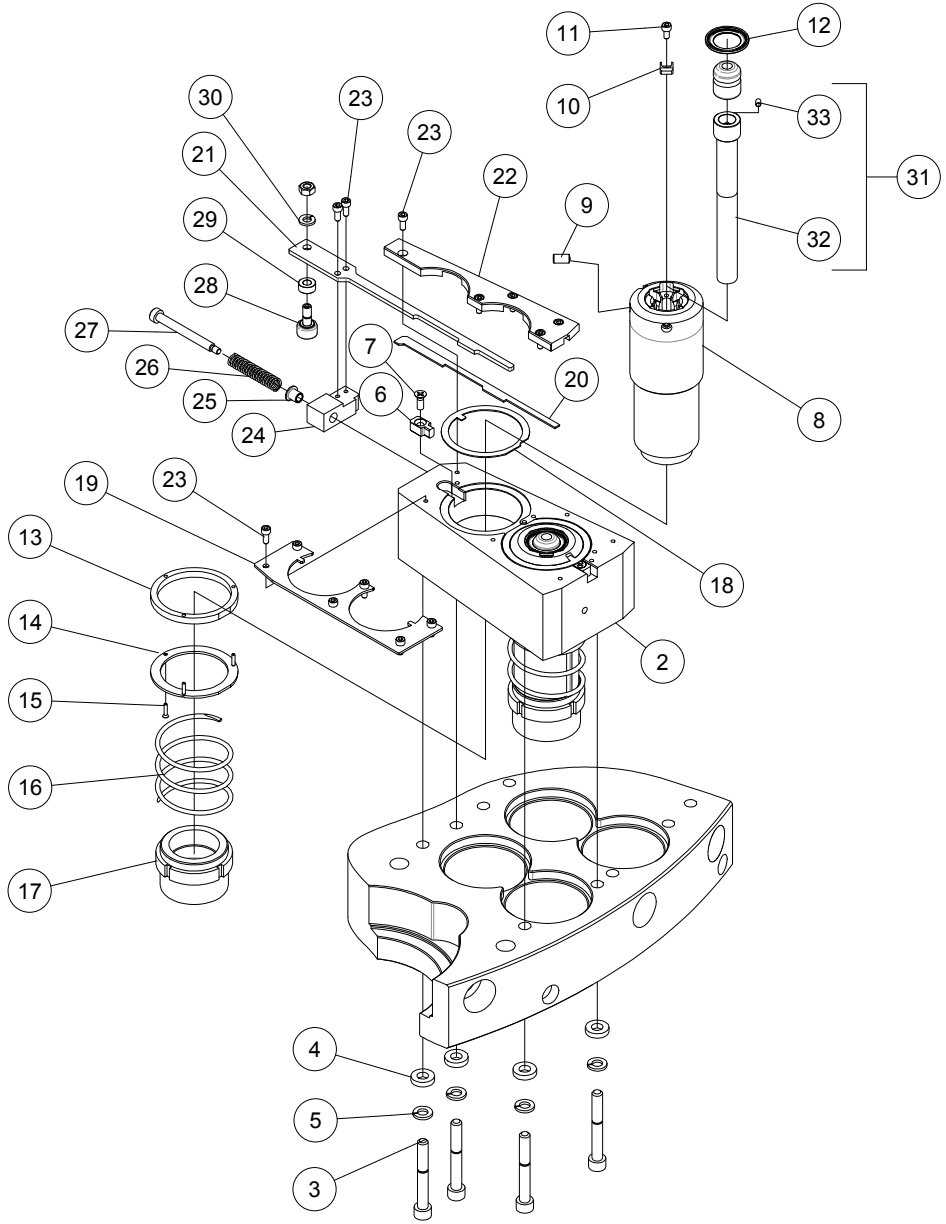
MA01261---
(MA00626---)



MA01261---

Unit No. 131 Turret AI(36ST-2AI)E <36ST Lower Tool Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01261---	36ST Lower Tool Kit	Index 2-7	1
2	74403007 / MA08296---	1/2" Die Holder ASSY		8
3	74403008 / MA08294---	1-1/4" Die Holder ASSY		5
4	74900748 / MA00265--A	2" Die Holder ASSY		2
5	74900746 / MA00251--A	3-1/2" Die Holder ASSY		1
6	74903503 / MA00258--D	4-1/2" Die Holder ASSY		1
7	MA08301---	Tap Die Holder ASSY		2



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 132 Turret AI(36ST-2AI)E <1/2" Die Holder ASSY>

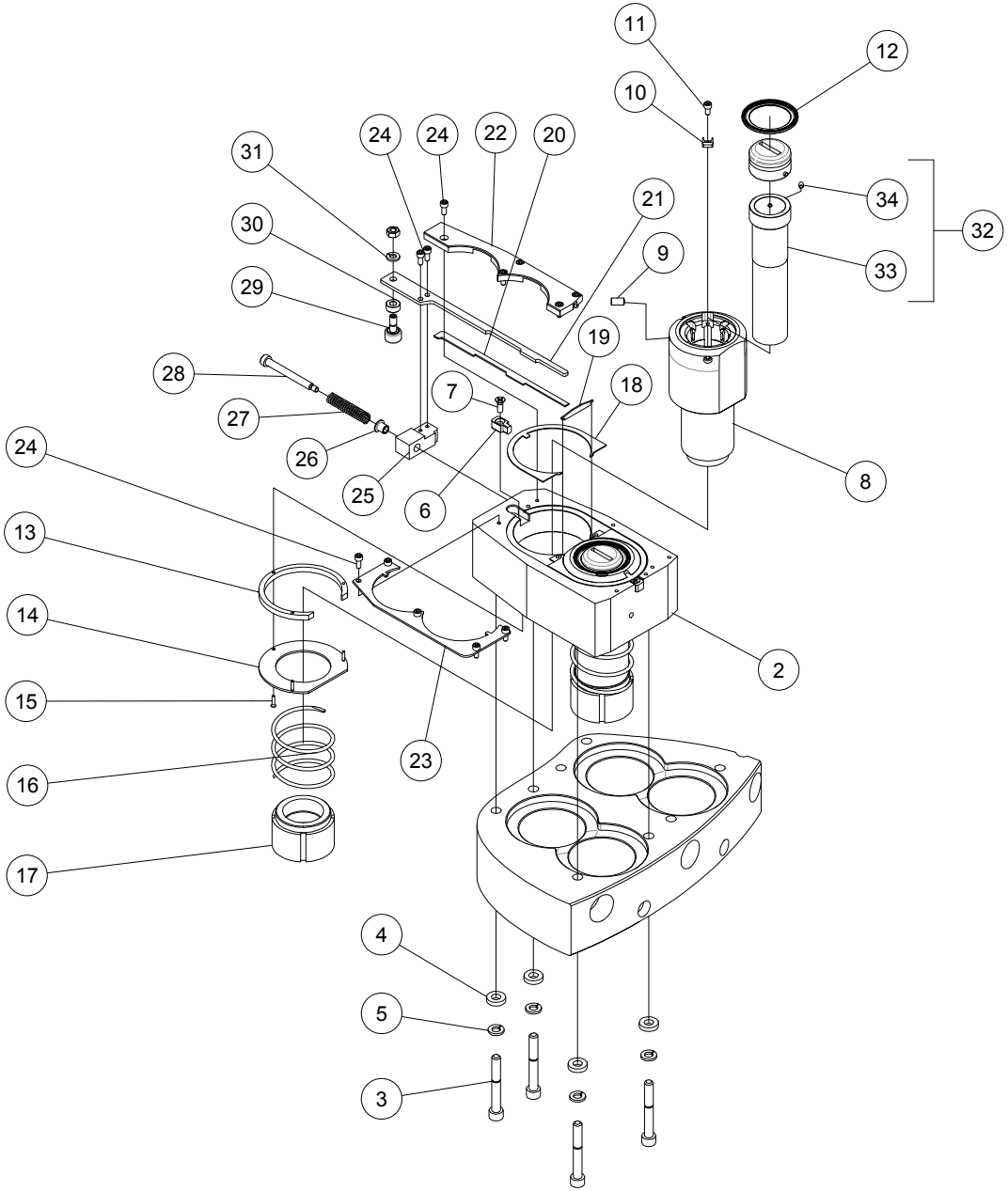
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

Unit No. 132 Turret AI(36ST-2AI)E <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 132 Turret AI(36ST-2AI)E <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1



(1) 1-1/4" Die Holder ASSY

MA08294---

Unit No. 133 Turret AI(36ST-2AI)E <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

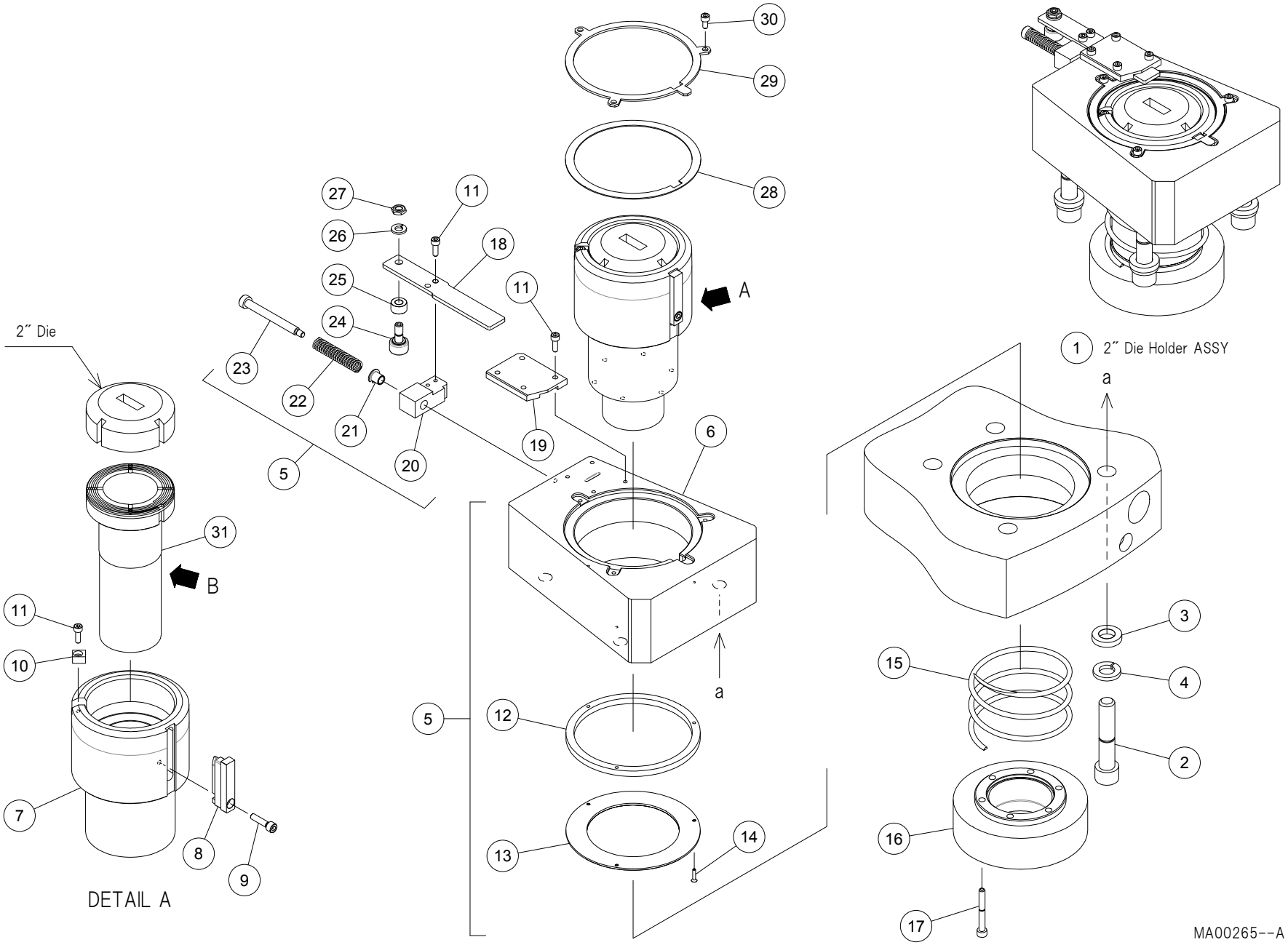
Unit No. 133 Turret AI(36ST-2AI)E <1-1/4" Die Holder ASSY>

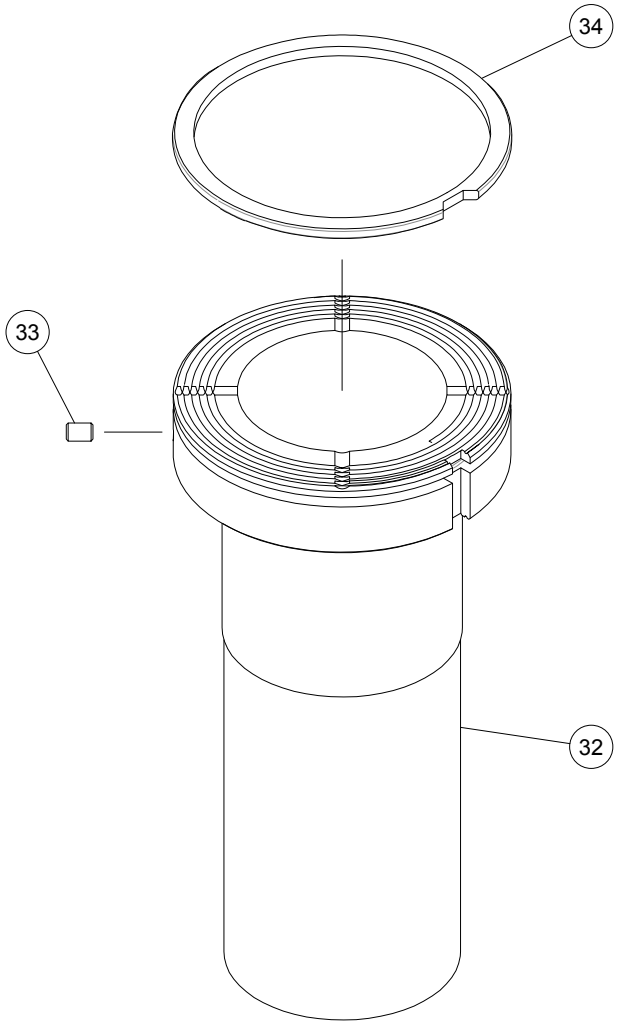
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 133 Turret AI(36ST-2AI)E <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	 7421419	Pin 1-1/4"		1

Unit No. 134 Turret AI(36ST-2AI)E-1/2 <2" Die Holder ASSY>





DETAIL B

(31) Ejector Pipe Kit 2

MA02413---

Unit No. 134 Turret AI(36ST-2AI)E <2" Die Holder ASSY>

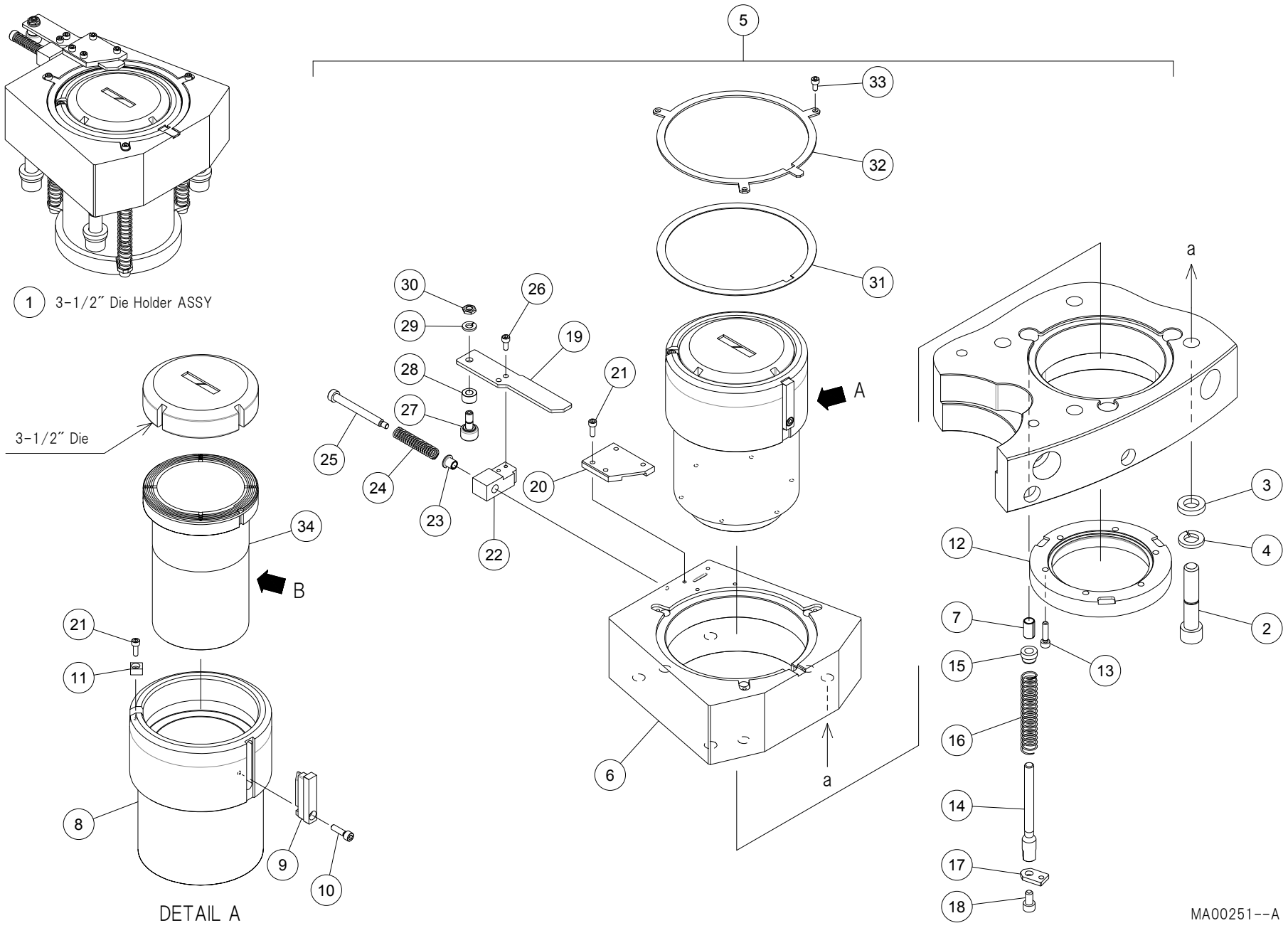
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900748 MA00265--A	2" Die Holder ASSY	Index 2-34	2
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900497 SPT0061---	Die Holder 2" ASSY	Index 6-34	1
6	74900341 MA00266---	Die Holder 2"		1
7	74900342 MA00267---	Lifter Pipe 2"		1
8	74900442 MA01276---	Die Key		1
9	74300611 P330220011	Hex Socket Cap Screw	M6X25	1
10	74900340 MA00264--A	Stopper Plate		1
11	74314403 P330210006	Hex Socket Cap Screw	M5X15	7
12	74900367 MA00579---	Color 2"		1

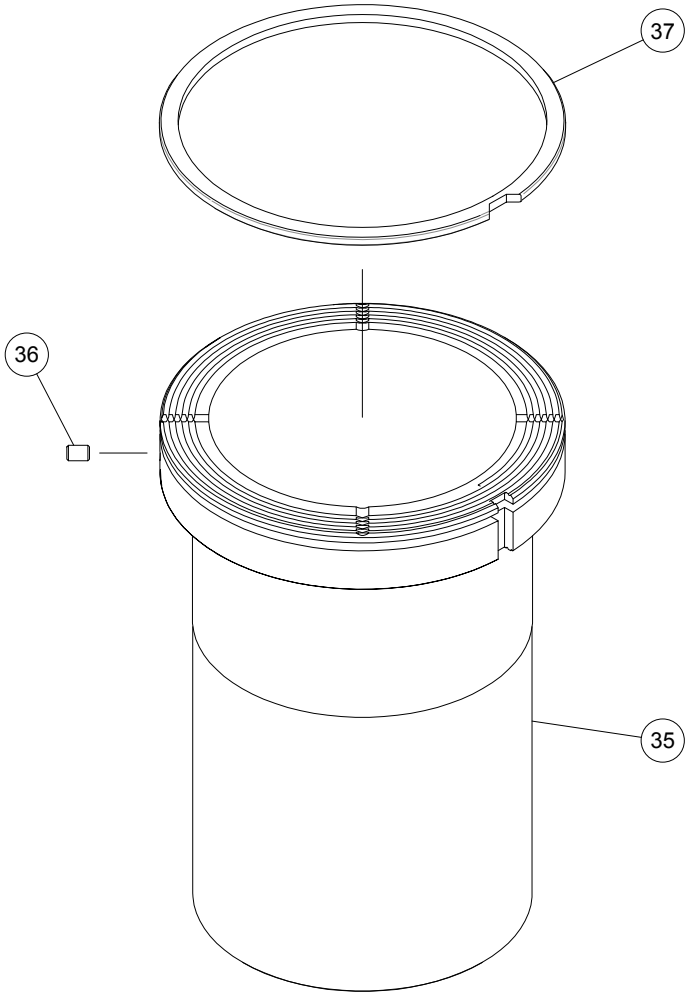
Unit No. 134 Turret AI(36ST-2AI)E <2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900368 MA00580---	Stopper Plate 2"		1
14	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	3
15	74900366 MA00578---	Return Spring 2"		1
16	74900344 MA00269---	Lifter Ring 2"		1
17	74183702 P330220016	Hex Socket Cap Screw	M6X50	6
18	74900352 MA00544---	Slide Stopper 2"		1
19	74900353 MA00545---	Slide Stopper Holder 2"		1
20	74900448 MA01285---	Guide Holder		1
21	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
22	74900347 MA00287---	Spring		1
23	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
24	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1

Unit No. 134 Turret AI(36ST-2AI)E <2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900447 MA01284---	Color 3-1/2"		1
26	74183103 P336050006	Spring Washer JIS	8	1
27	74722743 P332000018	Nut JIS	M8(Thin)	1
28	74900345 MA00270---	Cover Seal 2"		1
29	74900406 MA00835---	Seal Cover 2"		1
30	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
31	74900466 MA02413---	Ejector Pipe Kit 2	Index 32-34	1
32	74900343 MA00268---	Ejector Pipe 2"		1
33	 7421419	Pin 1-1/4"		1
34	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1


1 3-1/2″ Die Holder ASSY
3-1/2″ Die
DETAIL A
A
B
a
MA00251--A



DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 135 Turret AI(36ST-2AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900498 SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 MA00252--A	Die Holder 3-1/2"		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74900337 MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74900339 MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 135 Turret AI(36ST-2AI)E <3-1/2" Die Holder ASSY>

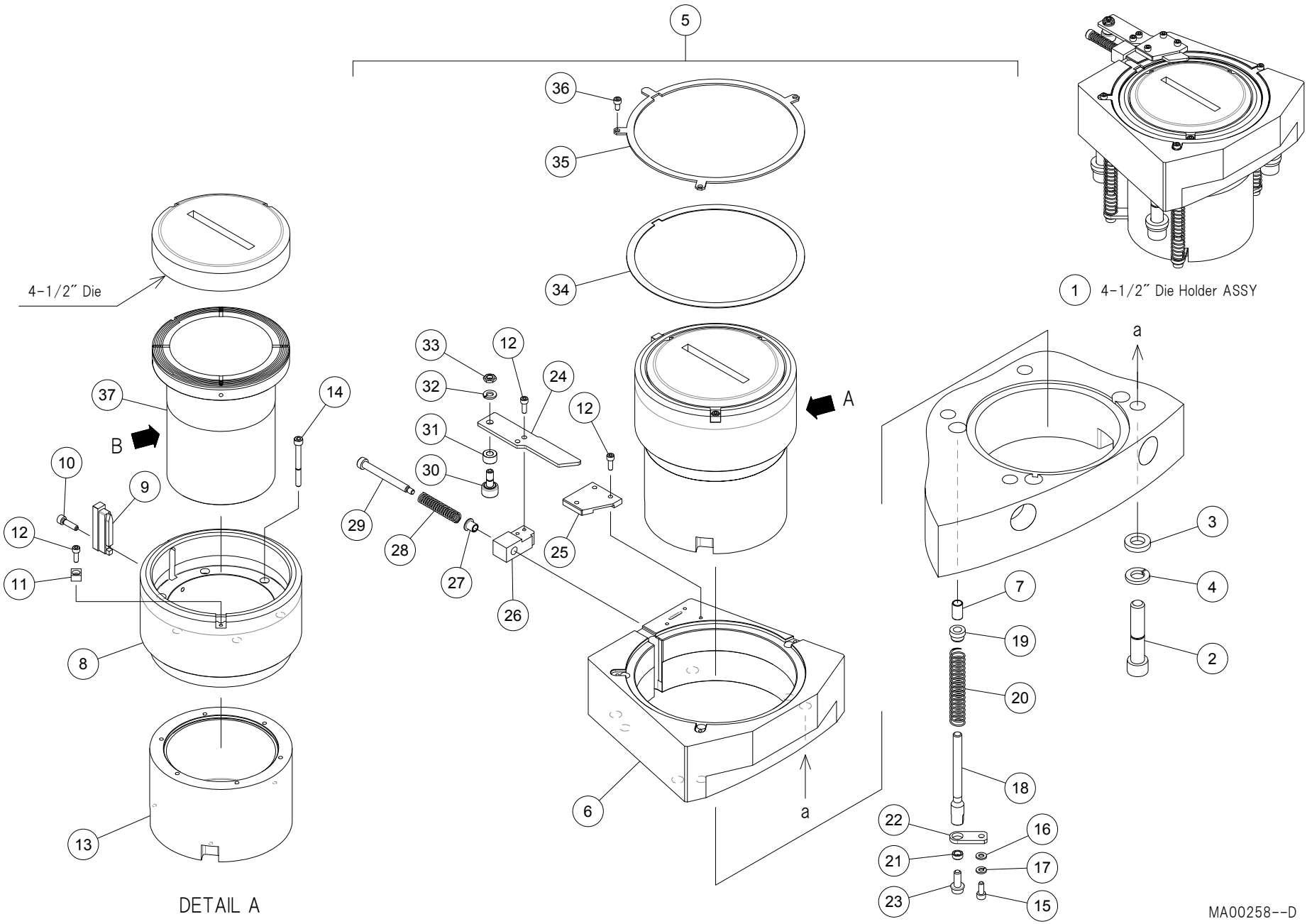
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

Unit No. 135 Turret AI(36ST-2AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 135 Turret AI(36ST-2AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1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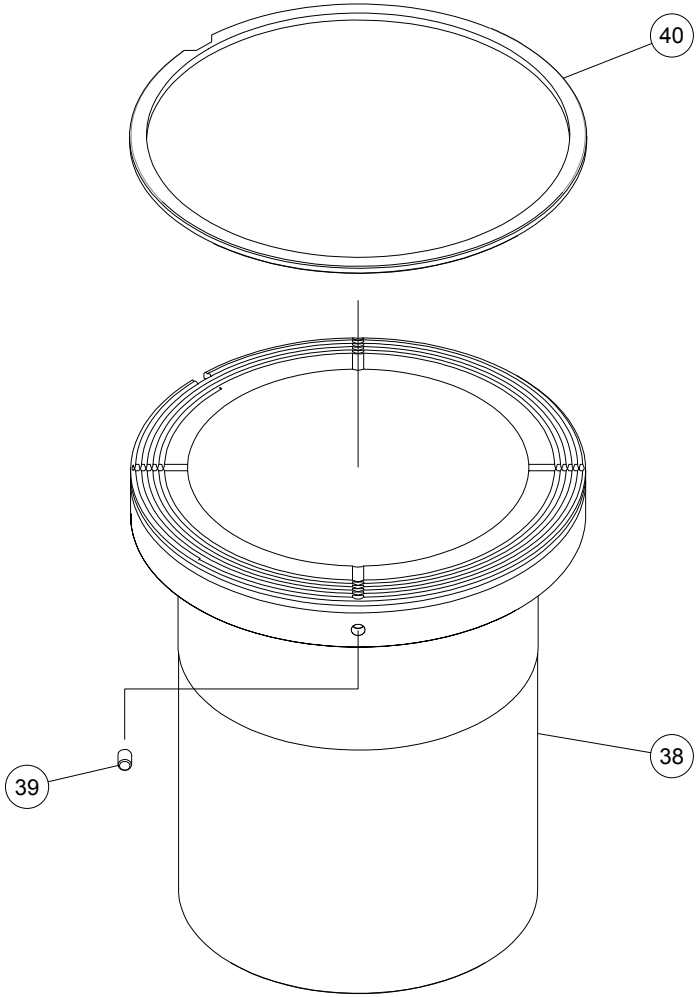
1 4-1/2″ Die Holder ASSY
DETAIL A
MA00258--D



DETAIL B

(37) Ejector Pipe Kit 4-1/2

MA02415---

Unit No. 136 Turret AI(36ST-2AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903503 MA00258--D	4-1/2" Die Holder ASSY	Index 2-40	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74402979 SPT0063--A	4-1/2" Die Holder ASSY	MA00590--BMA01275--AMA00595---MA02415--- & other Index 6-40	1
6	74900505 MA00590--B	4-1/2" Die Holder		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74402980 MA01275--A	Lifter Pipe 4-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74314403 P330210006	Hex Socket Cap Screw	M5X15	6

Unit No. 136 Turret AI(36ST-2AI)E <4-1/2" Die Holder ASSY>

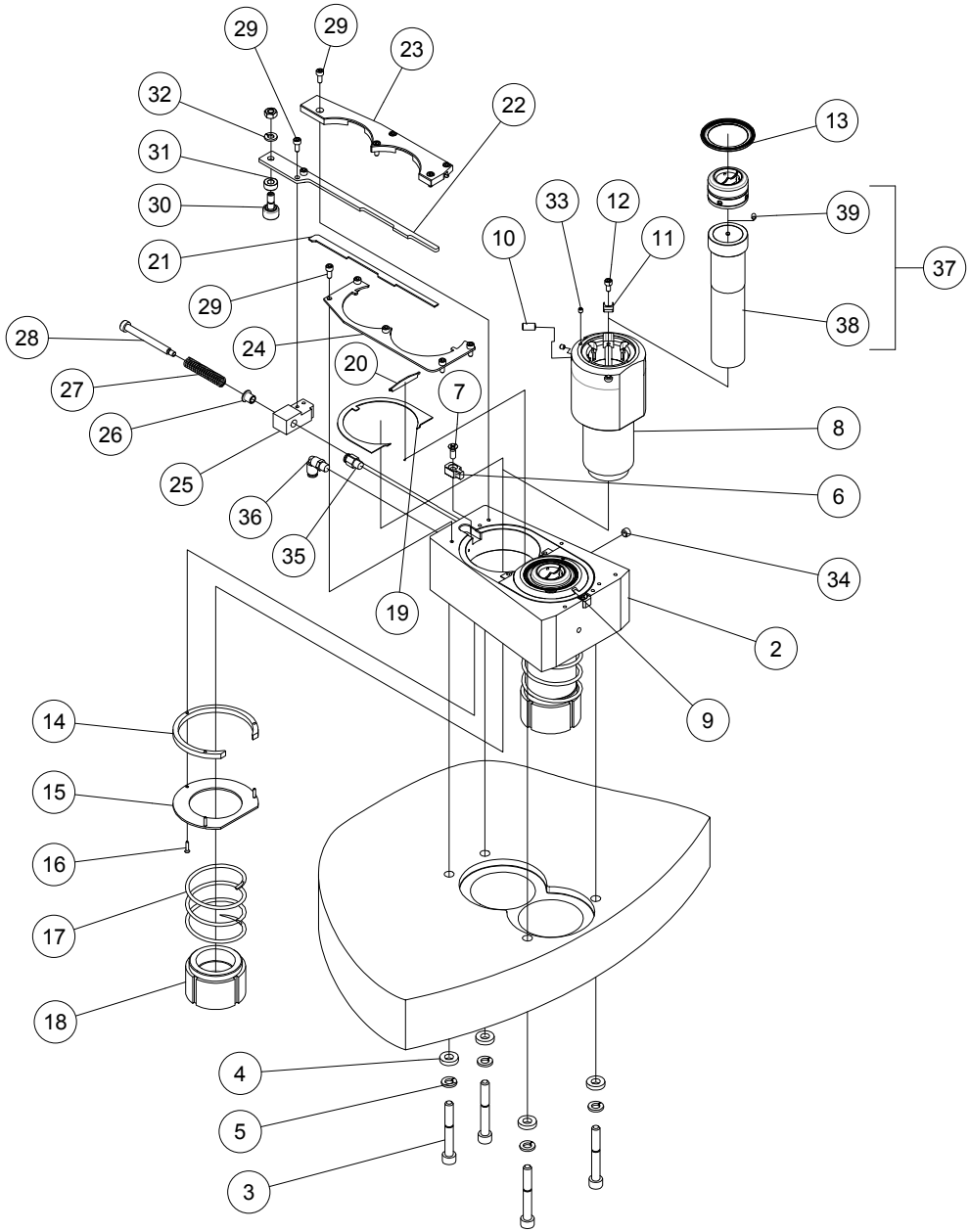
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900506 MA00595---	Lifter Ring 4-1/2"		1
14	74354328 P330220018	Hex Socket Cap Screw	M6X60	6
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
16	74159714 P336000005	Washer JIS	6(Normal)	3
17	74178737 P336050005	Spring Washer JIS	6	3
18	74900443 MA01278--A	Guide Shaft		3
19	74900444 MA01279--A	Spring Collar		3
20	74900446 MA01283---	Return Spring 3-1/2"		3
21	74402981 P336238284	Washer MISUMI	WSSB12-8-5	3
22	74900513 MA04624--A	Spring Block 4-1/2"		3
23	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
24	74900510 MA01281---	Slide Stopper 4-1/2"		1

Unit No. 136 Turret AI(36ST-2AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900511 MA01282---	Slide Stopper Holder 4-1/2"		1
26	74900448 MA01285---	Guide Holder		1
27	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
28	74900347 MA00287---	Spring		1
29	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900447 MA01284---	Color 3-1/2"		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74722743 P332000018	Nut JIS	M8(Thin)	1
34	74900504 MA00272---	Cover Seal 4-1/2"		1
35	74900507 MA00837---	Seal Cover 4-1/2"		1
36	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

Unit No. 136 Turret AI(36ST-2AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900512 MA02415---	Ejector Pipe Kit 4-1/2	 Index 38-40	1
38	74900509 MA01277---	Ejector Pipe 4-1/2"	 	1
39	 7421419	Pin 1-1/4"	 	1
40	74900503 7831168---	Soft Wiper 4-1/2" SAKAGAMI	BHH-0158703F001 	1



(1) Tap Die Holder ASSY

MA08301---

Unit No. 137 Turret AI(36ST-2AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 137 Turret AI(36ST-2AI)E <Tap Die Holder ASSY>

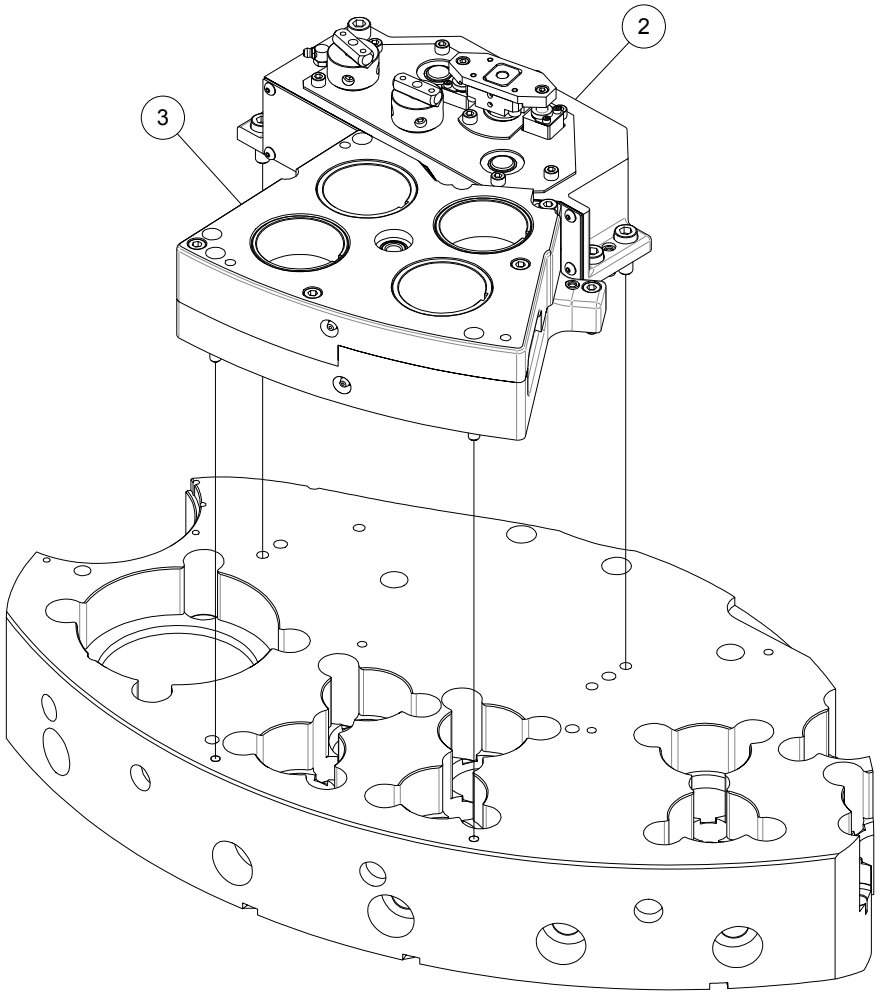
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

Unit No. 137 Turret AI(36ST-2AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

Unit No. 137 Turret AI(36ST-2AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1

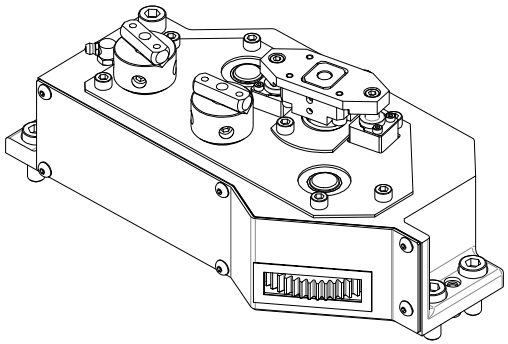


(1) Built in Tap ASSY

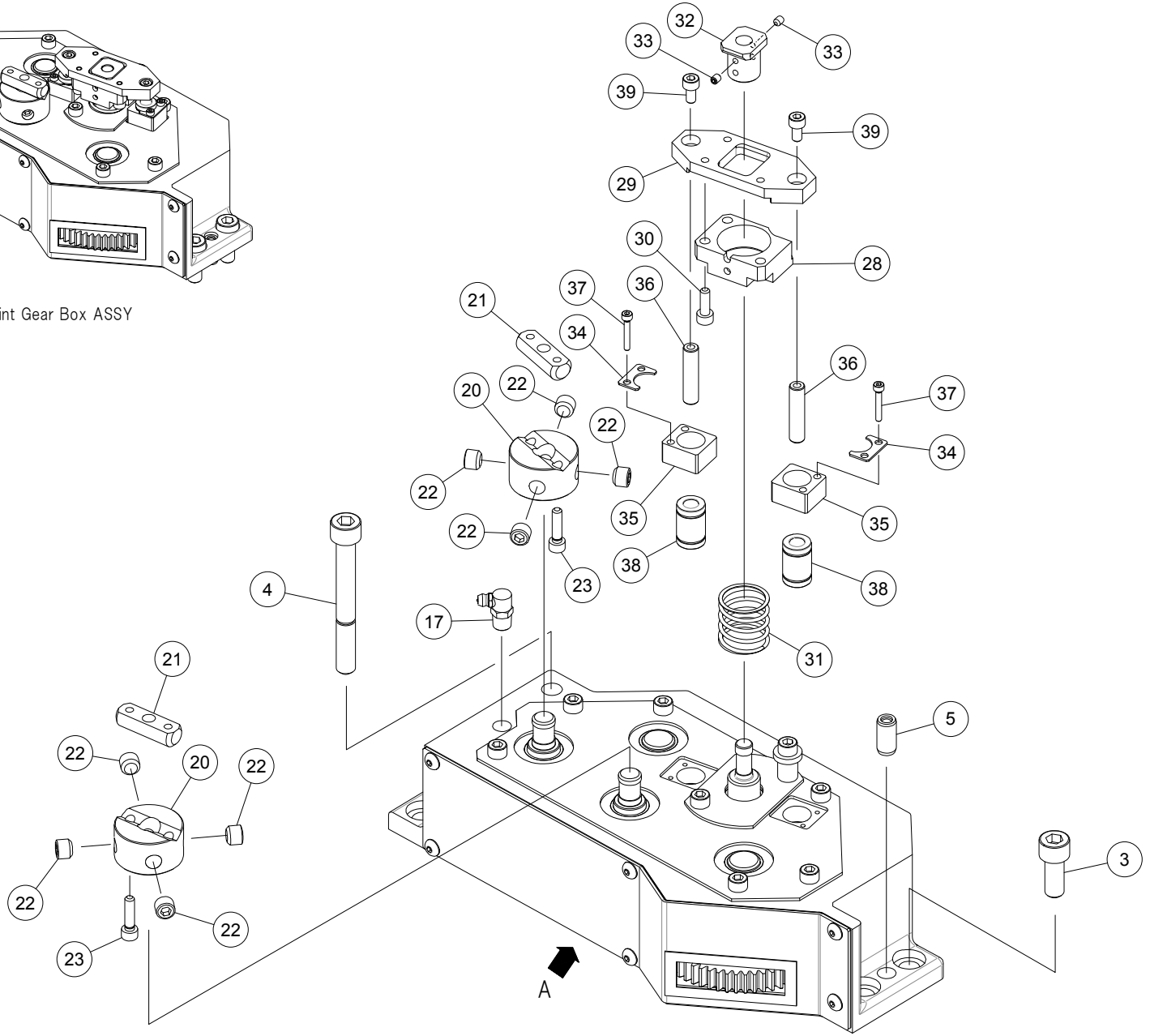
MA00867---
(MA00855---)
(3804910--B)

Unit No. 138 Turret AI(36ST-2AI)E <Built in Tap ASSY>

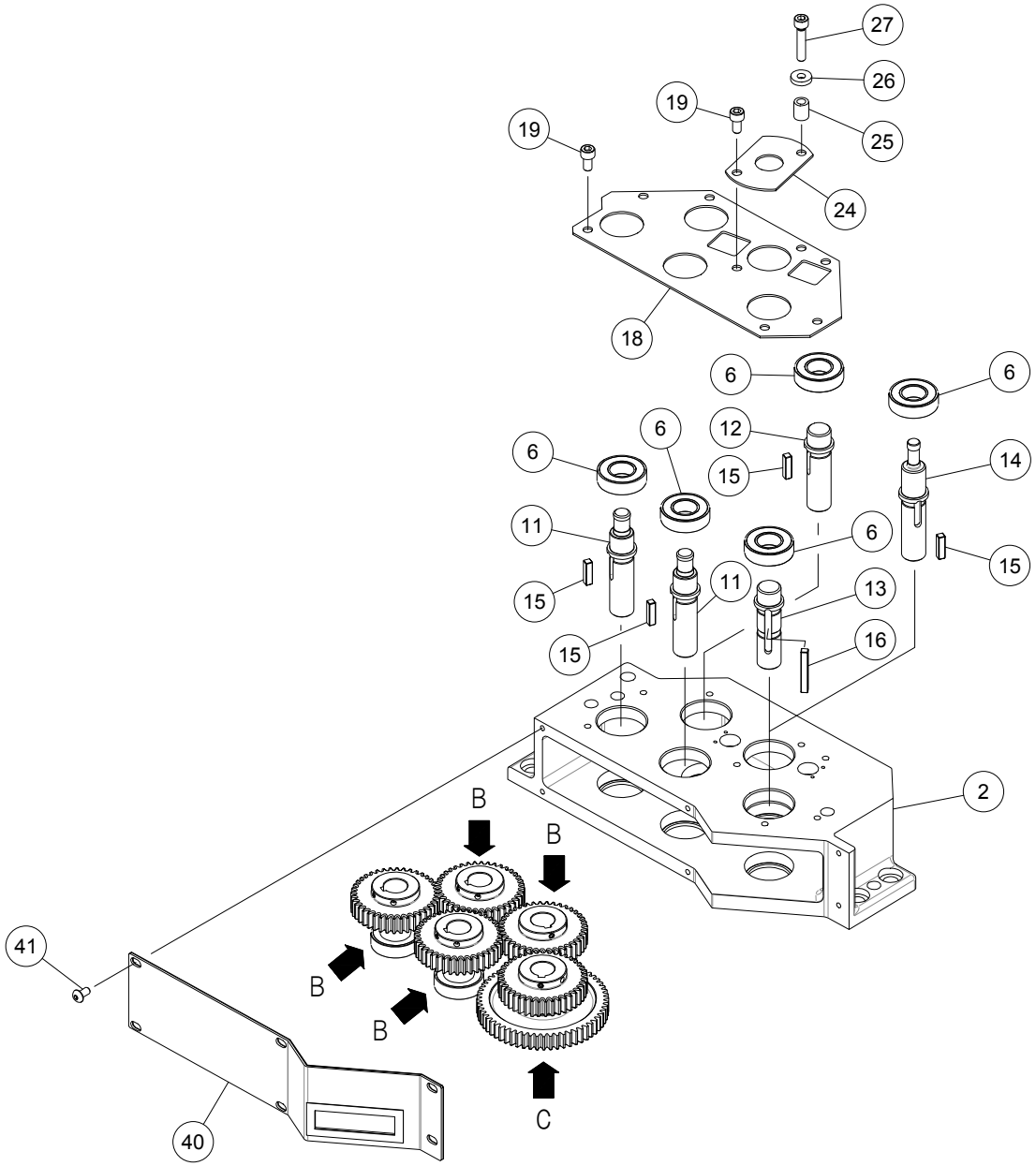
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 MA00855---	Point Gear Box ASSY		1
3	74900319 3804910--B	Tool Gear Box ASSY		1



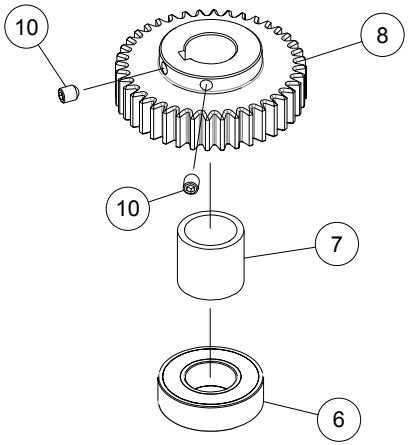
(1) Point Gear Box ASSY



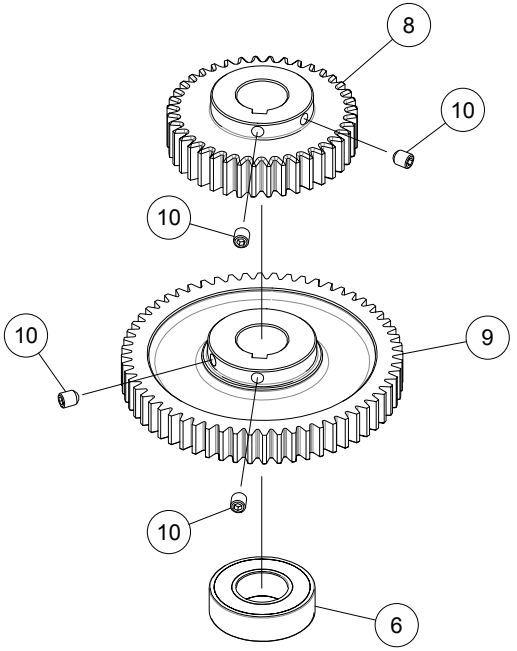
MA00855---



DETAIL A



DETAIL B



DETAIL C

MA00855---

Unit No. 139 Turret AI(36ST-2AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 139 Turret AI(36ST-2AI)E <Point Gear Box ASSY>

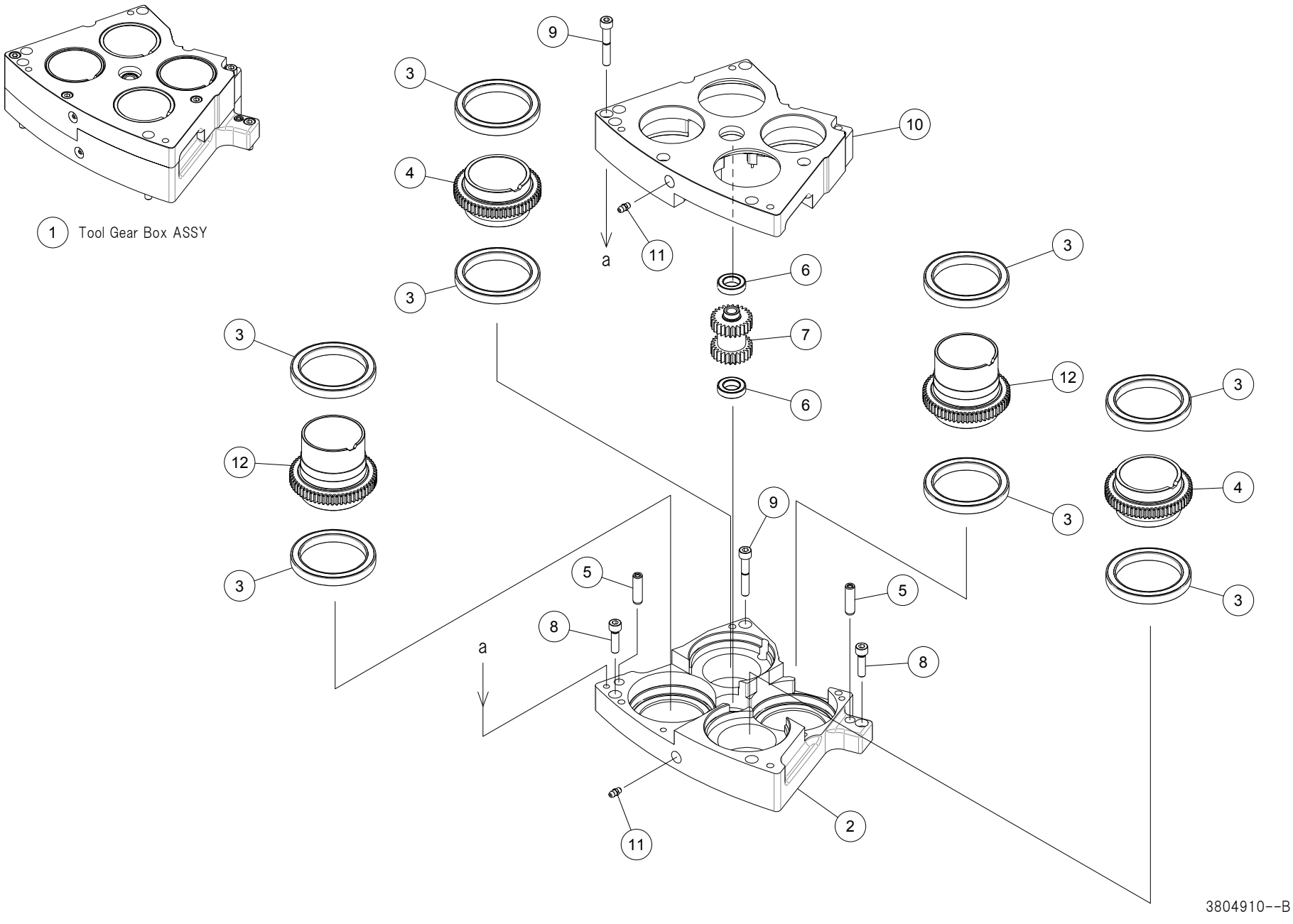
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

Unit No. 139 Turret AI(36ST-2AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 139 Turret AI(36ST-2AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 P446002014	LM Guide THK	LM8UU	2
39	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 MA00844---	Seal Cover		1
41	74183301 P334500009	Button Head Screw	M5X10	6


1 Tool Gear Box ASSY
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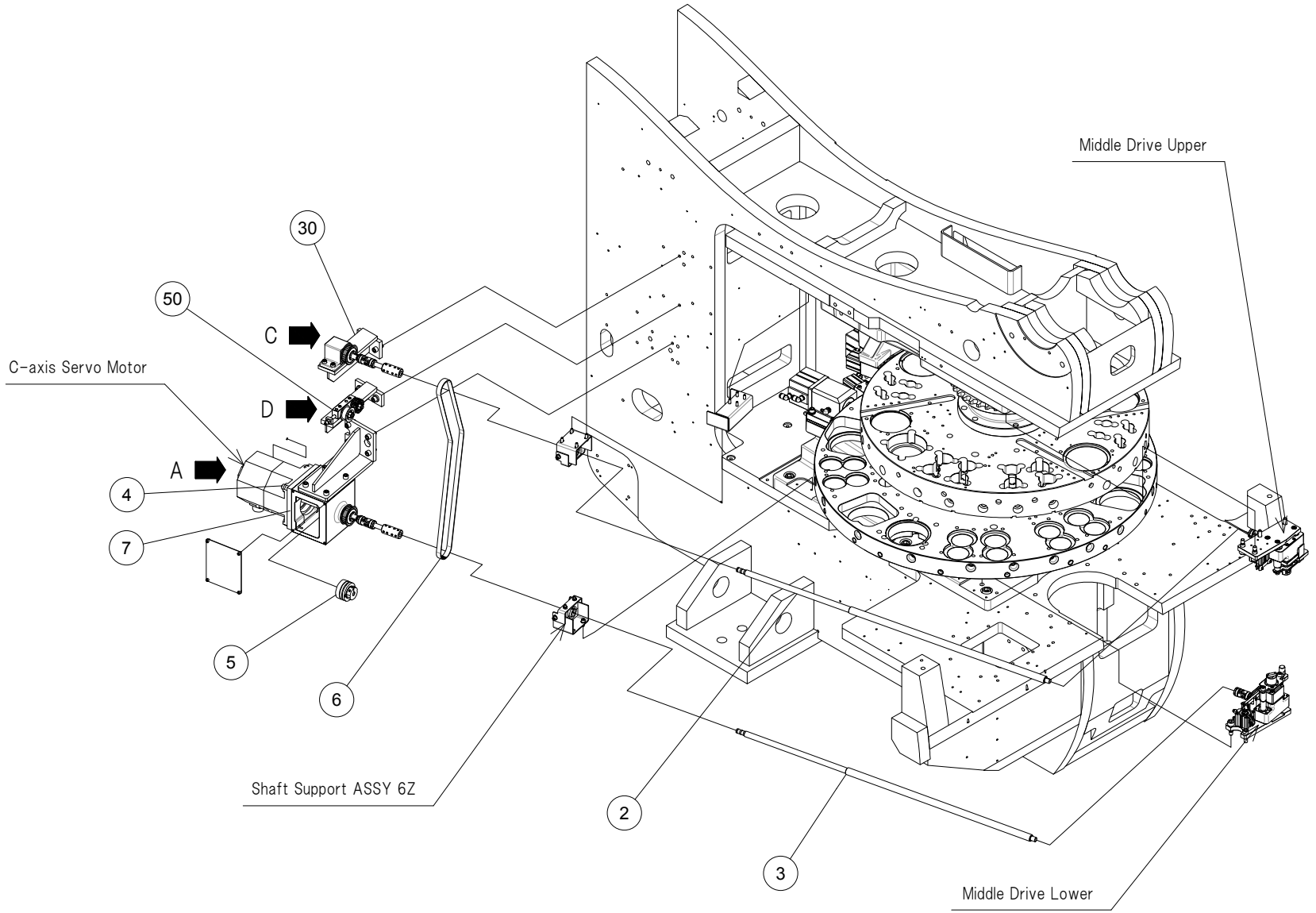
3804910--B

Unit No. 140 Turret AI(36ST-2AI)E <Tool Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

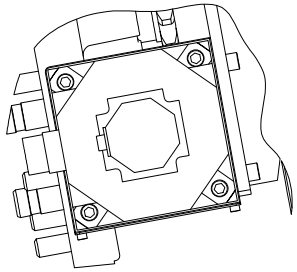
Unit No. 140 Turret AI(36ST-2AI)E <Tool Gear Box ASSY>

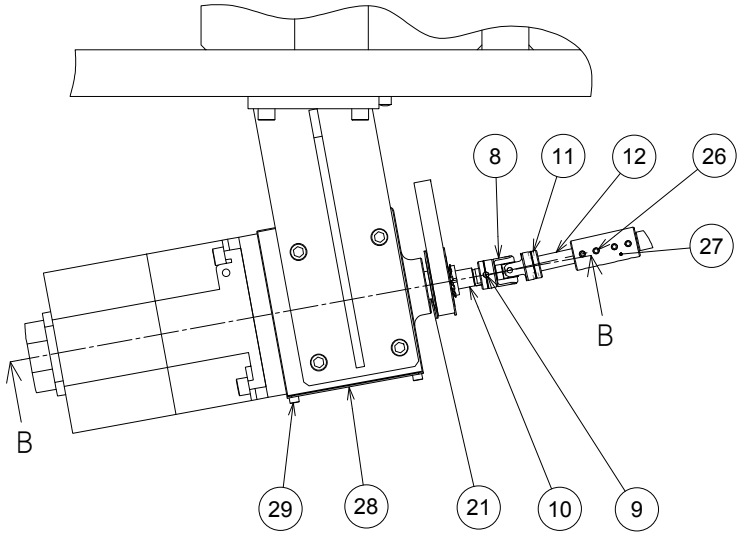
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	

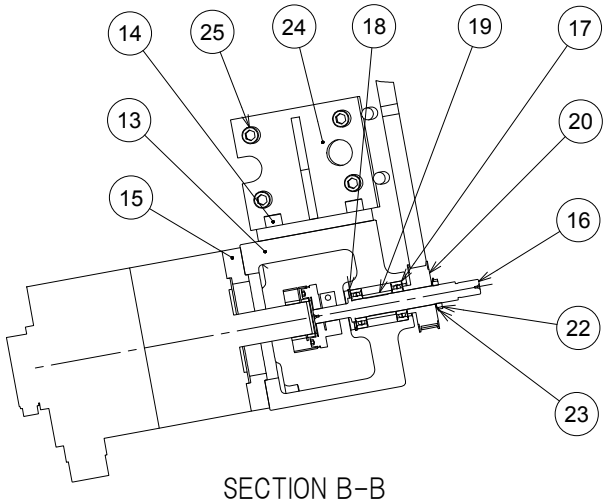


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





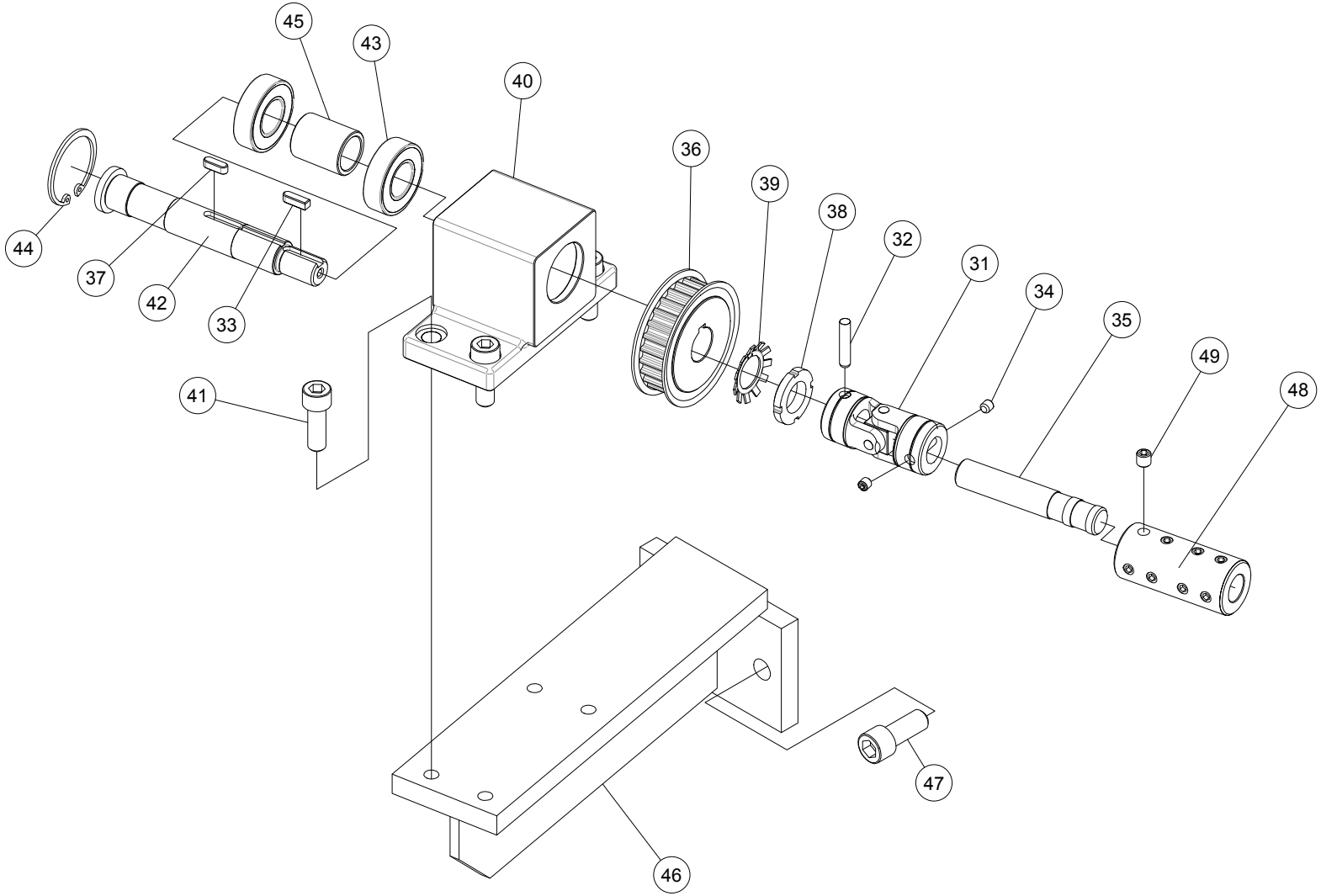


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

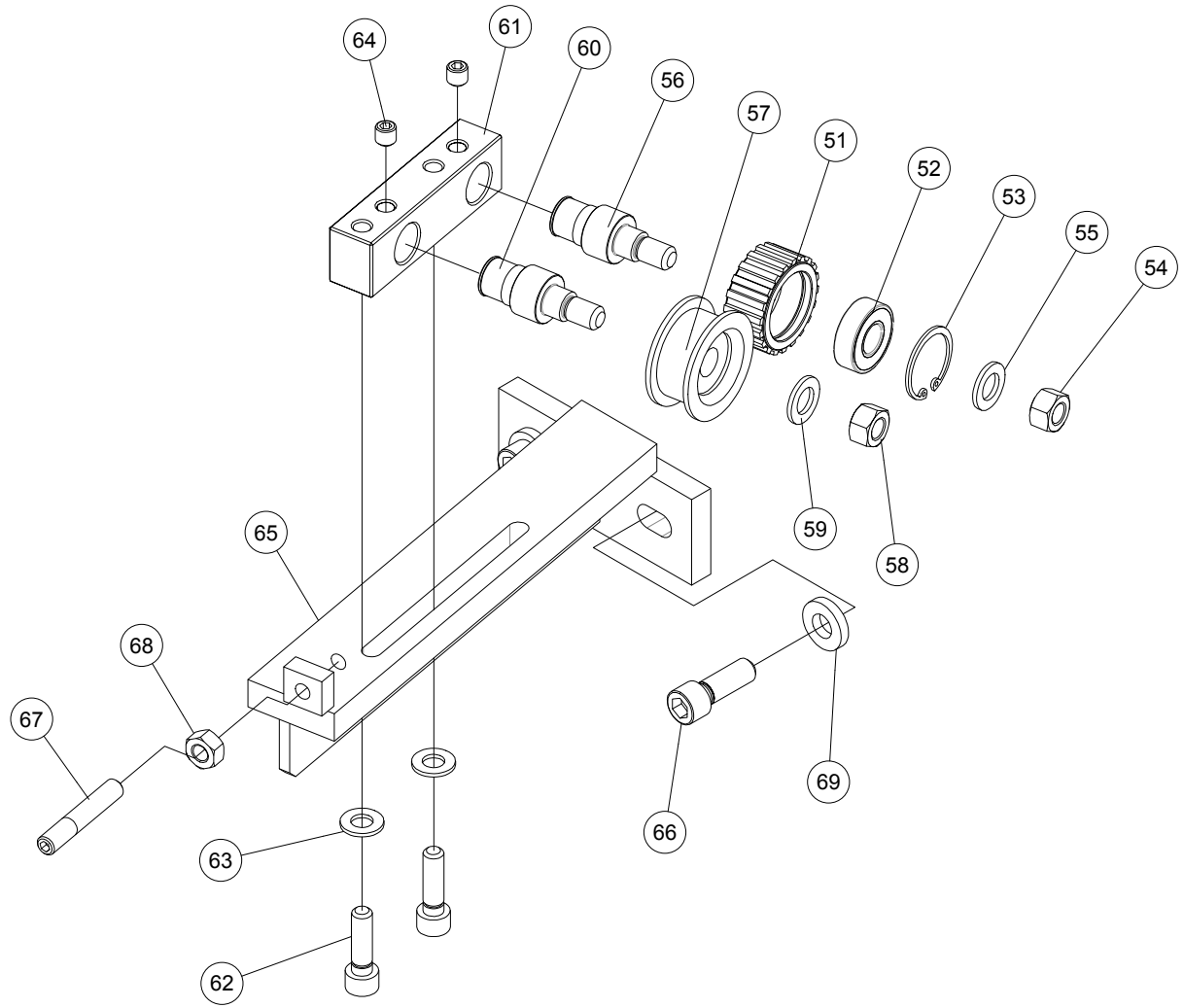
CE01746---
(MA00868#2-)



DETAIL C

(30) C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

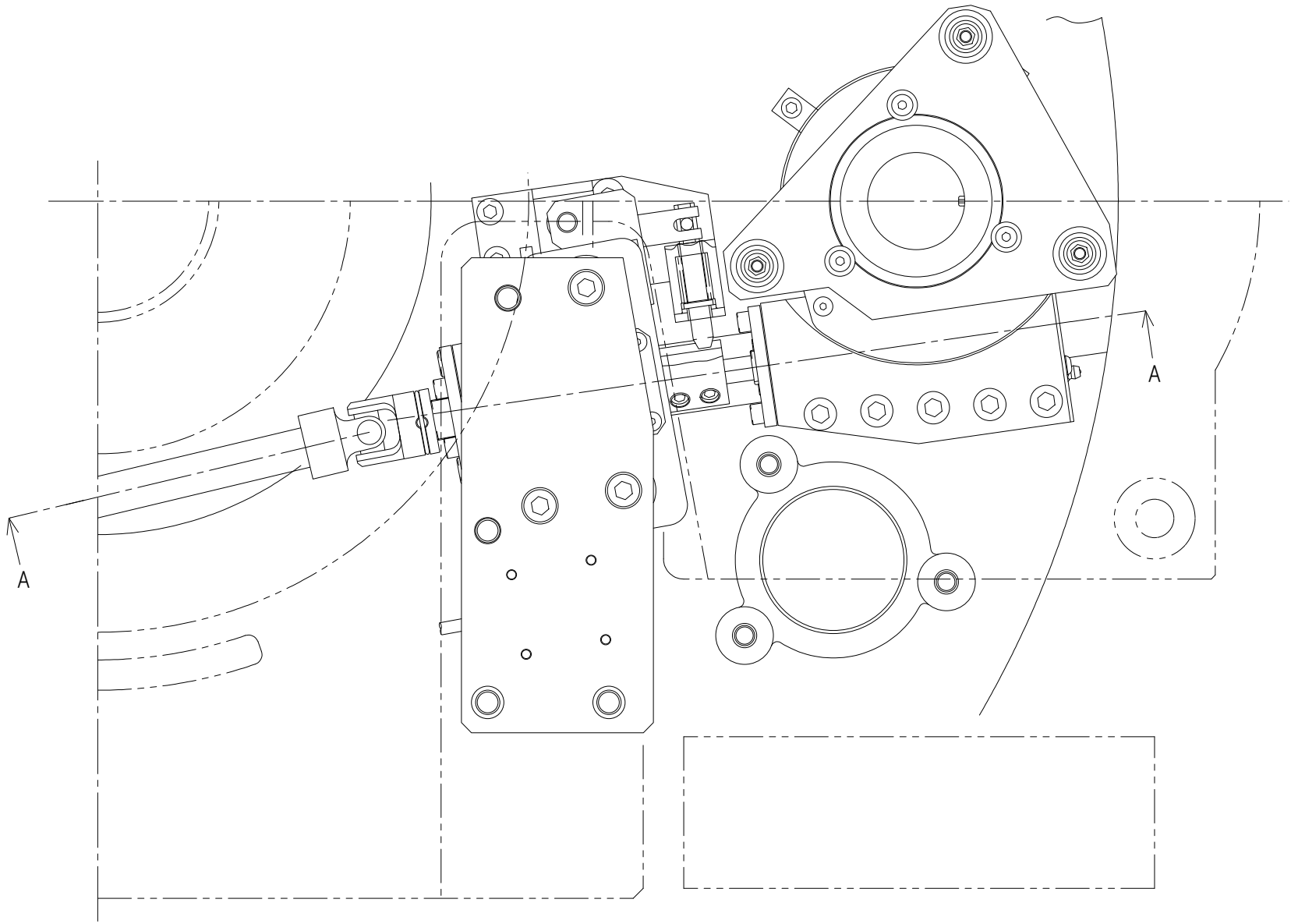
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

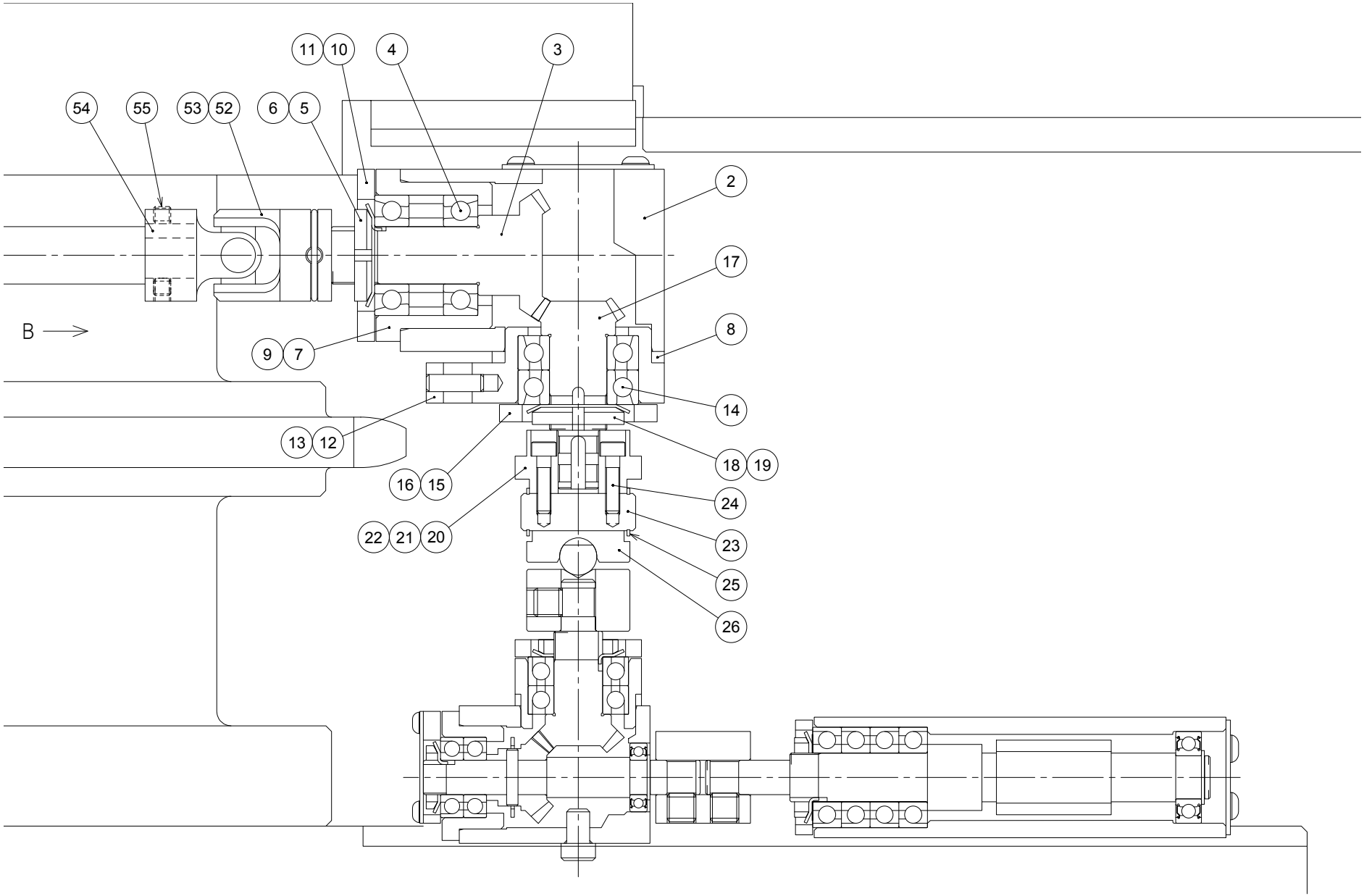
Unit No. 141 Turret AI(36ST-2AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



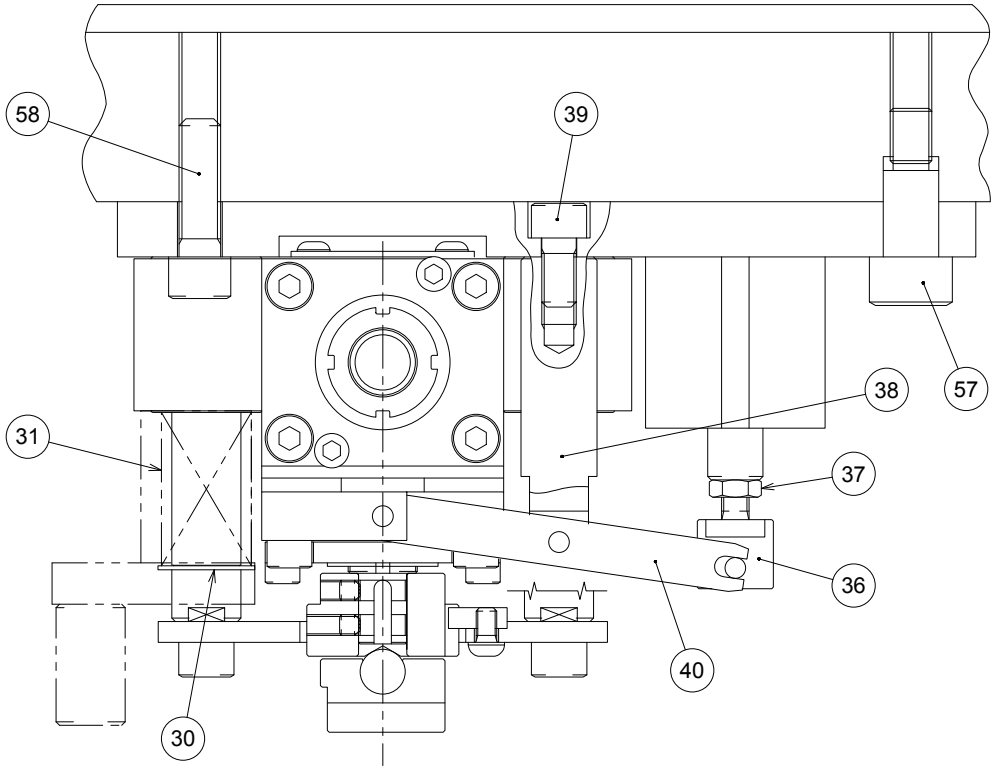
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

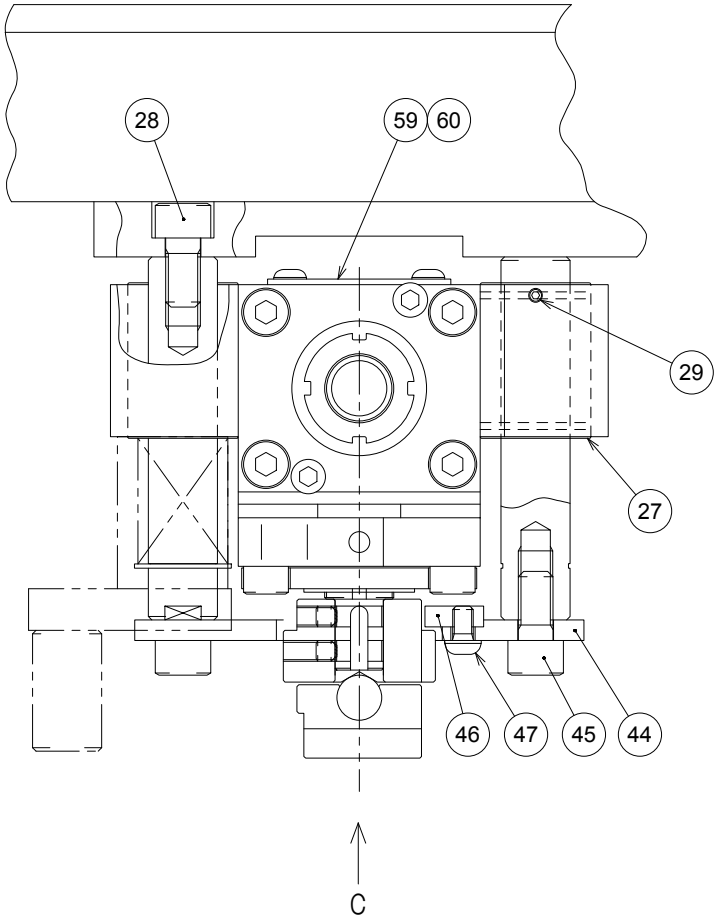


SECTION A-A

MA03077---
(6875435 B)

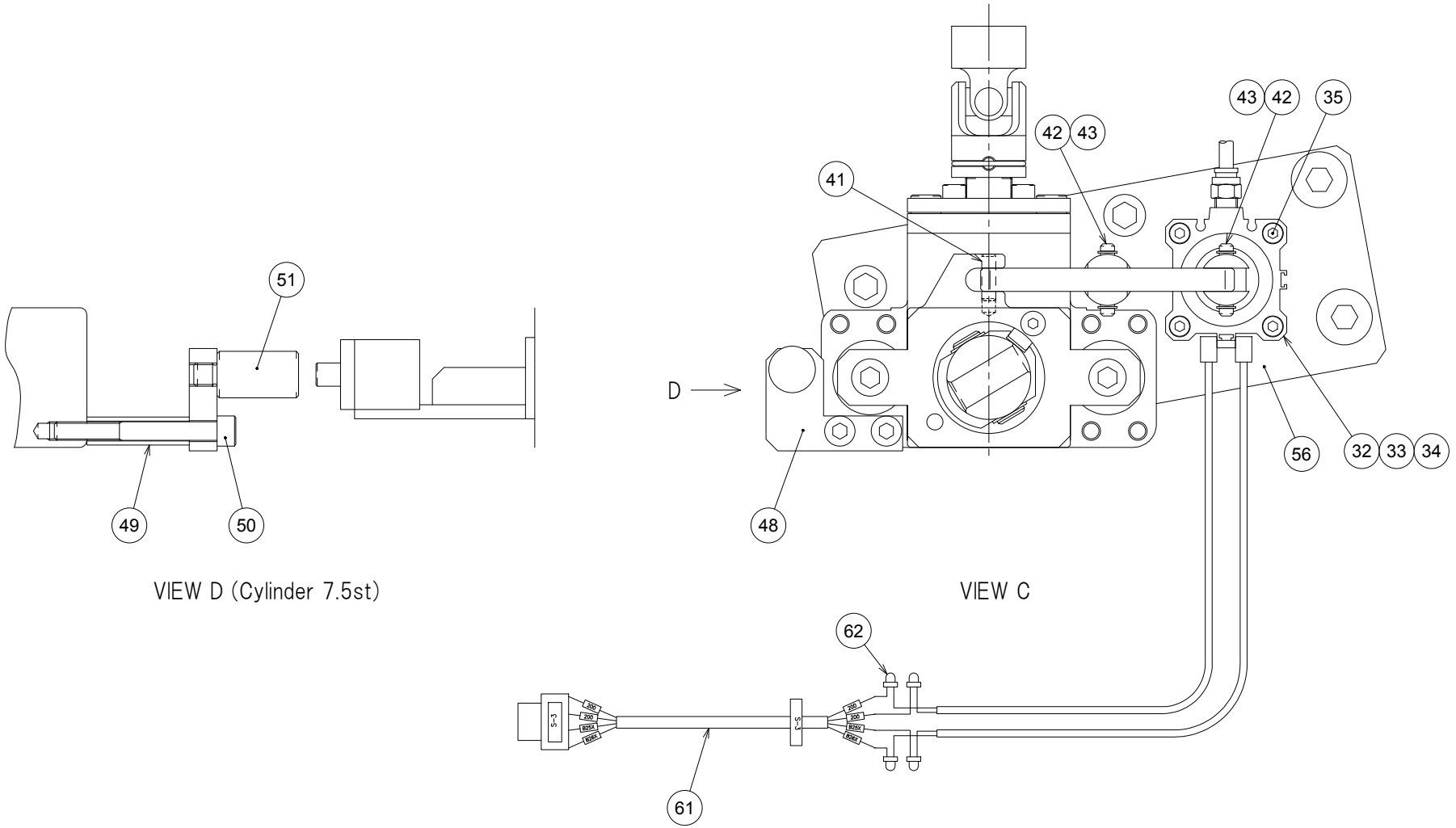


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 / MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set	EPBA20-13DB+KL12 / NSK	1
5	74183502 / P406030003	Lock Nut	AN-04 / JIS	1
6	74183512 / P406040003	Locking Washer	AW-04 / JIS	1
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw	M6X12 / JIS	2
12	74570106 / 6813139 A	Point Case Upper		1

Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

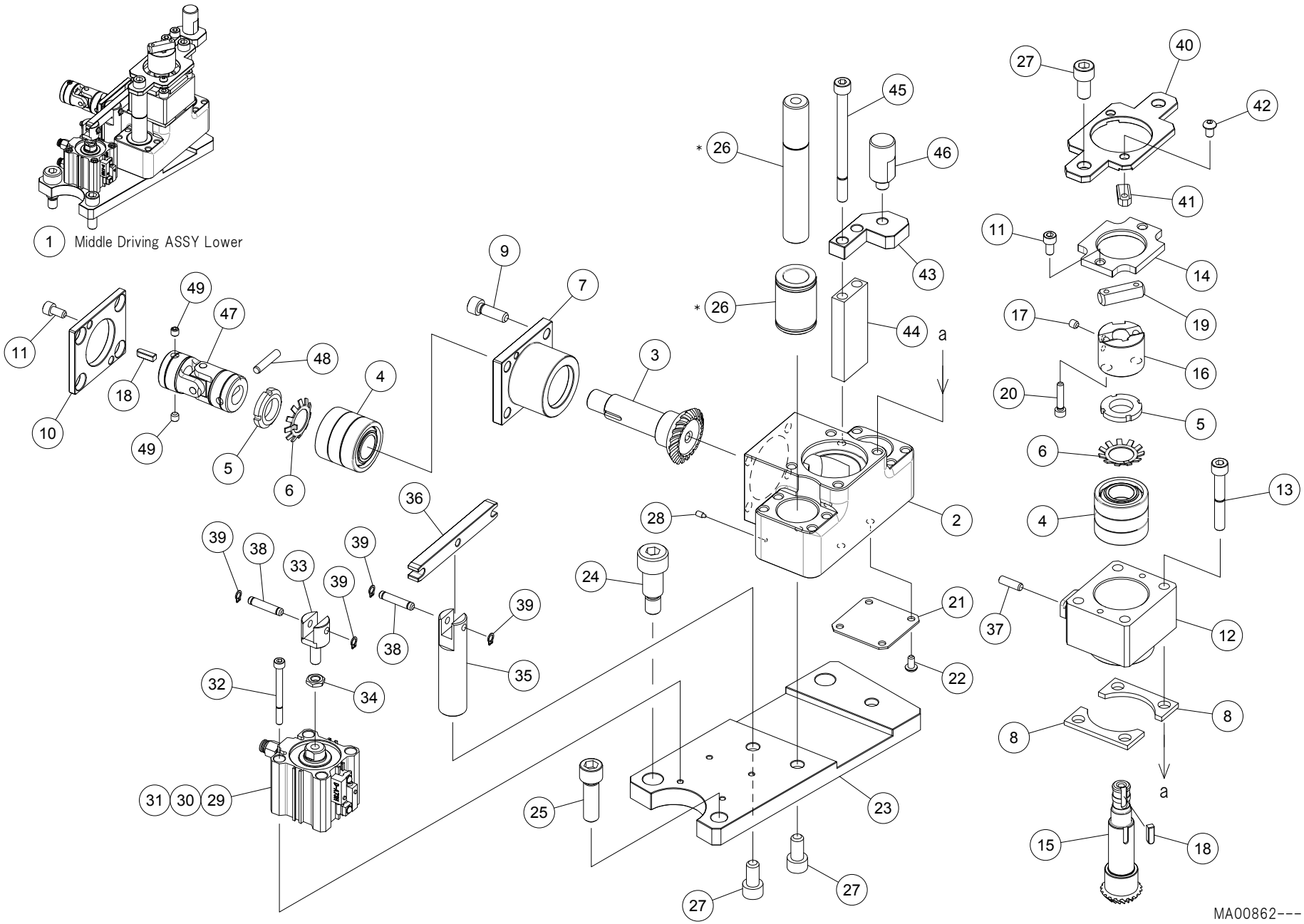
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

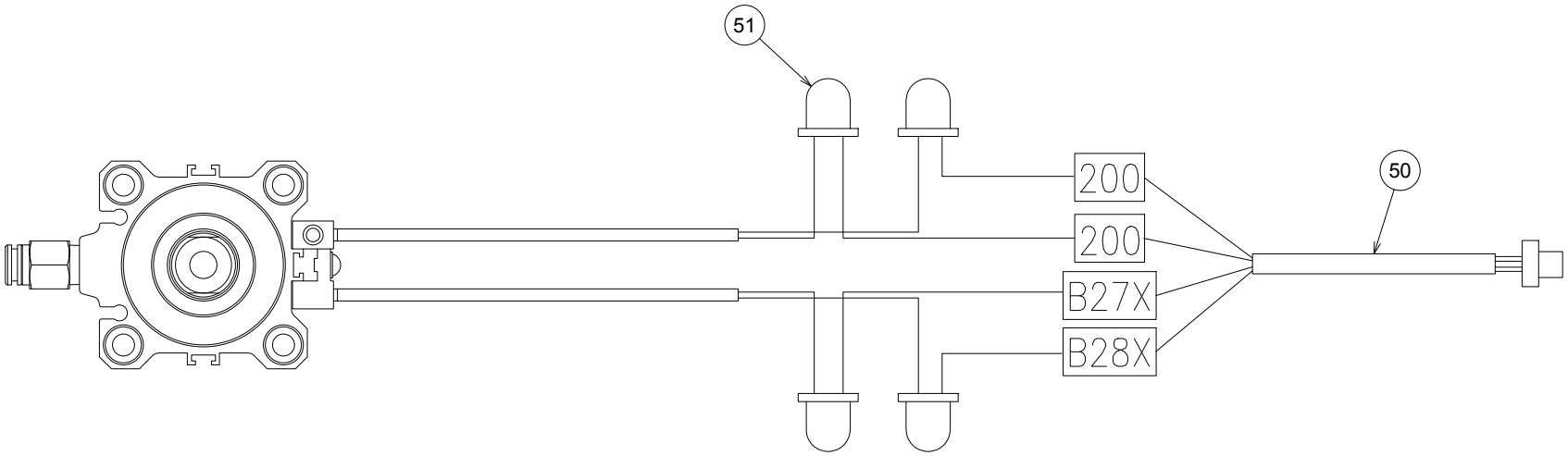
Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 142 Turret AI(36ST-2AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483	Cable S-3		1
	MA03061---		(SQ6364)	
62	74382938	Terminal	CE-1	4
	P869150001	JIS		


1 Middle Driving ASSY Lower
MA00862---



MA00862---

Unit No. 143 Turret AI(36ST-2AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 / MA00862---	Middle Driving ASSY Lower	Index 2-51	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	2
5	74183502 / P406030003	Lock Nut / JIS	AN-04	2
6	74183512 / P406040003	Locking Washer / JIS	AW-04	2
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	4
12	74900384 / MA00664---	Point Case Lower		1

Unit No. 143 Turret AI(36ST-2AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 143 Turret AI(36ST-2AI)E <Middle Driving ASSY Lower>

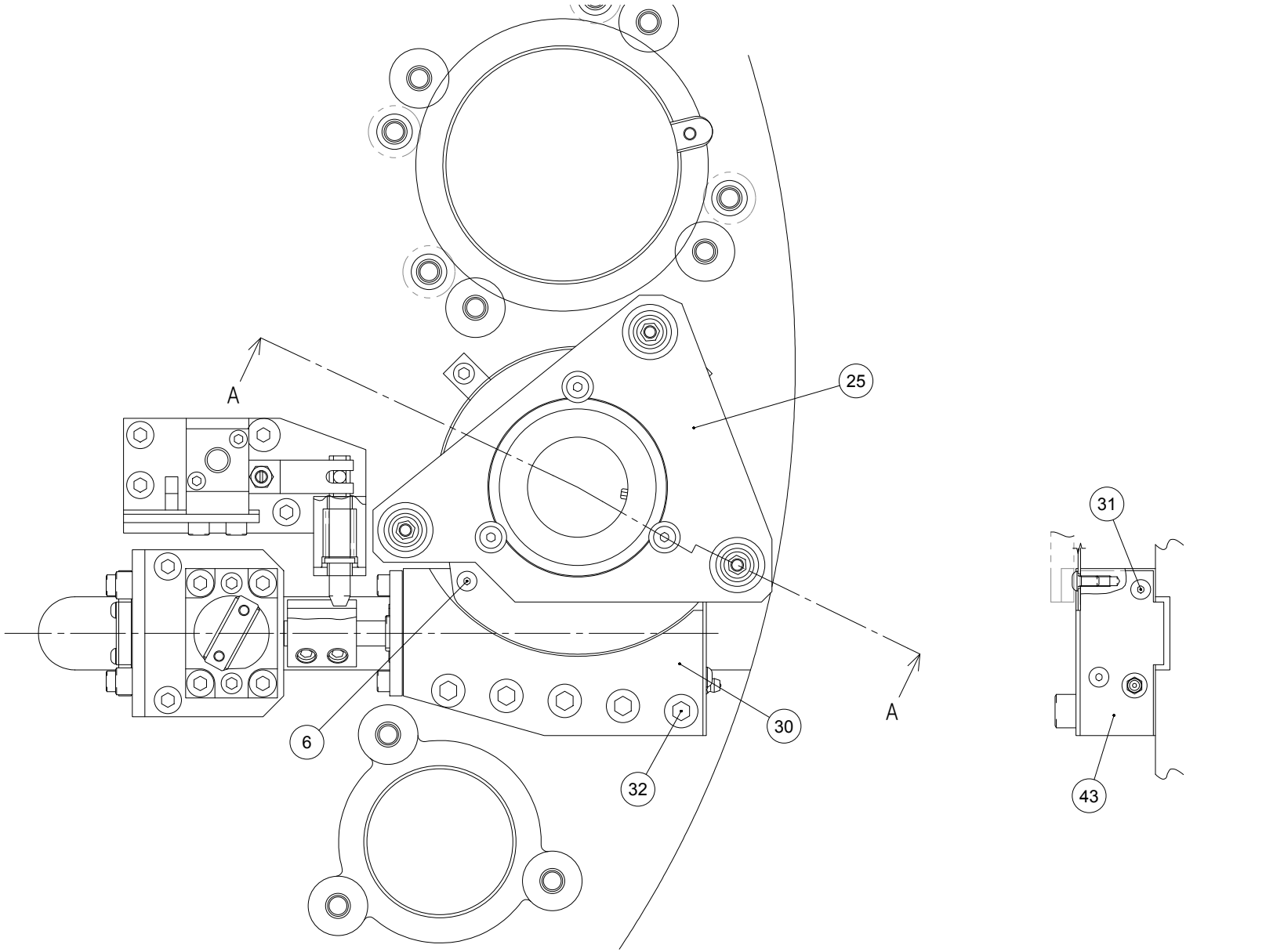
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 143 Turret AI(36ST-2AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 / P337020034	Parallel Pin / JIS	A-6X20	1
38	74570115 / 6813144	A/I Cylinder Pin		2
39	74318214 / P406108030	Locating Snap Ring / OCHIAI	STW-6	4
40	74570116 / 6813146	Point Plate		1
41	74570124 / 6813149	Key L		1
42	74183302 / P334500013	Button Head Screw	M6X10	1
43	74570125 / 6813155	Push Rod Arm L		1
44	74900456 / MA01988---	Spacer L		1
45	74183701 / P330230023	Hex Socket Cap Screw / MOURI	M8X105	2
46	74386766 / 6593236	B Rod L1		1
47	74322357 / 7830034	Universal Joint / KYOWA		1
48	74379608 / P337020036	Parallel Pin / JIS	A-6X30	1

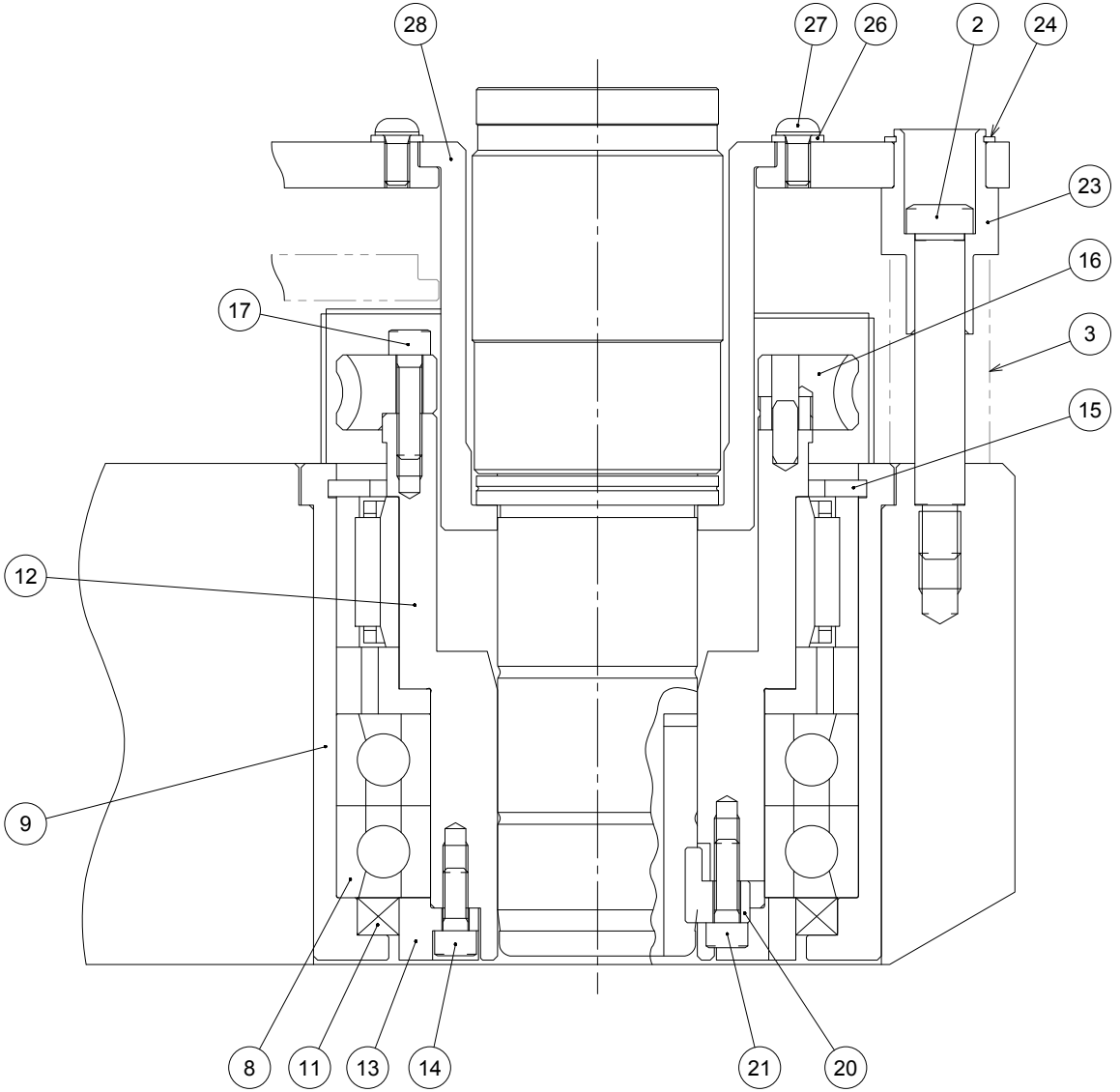
Unit No. 143 Turret AI(36ST-2AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

6875440--C

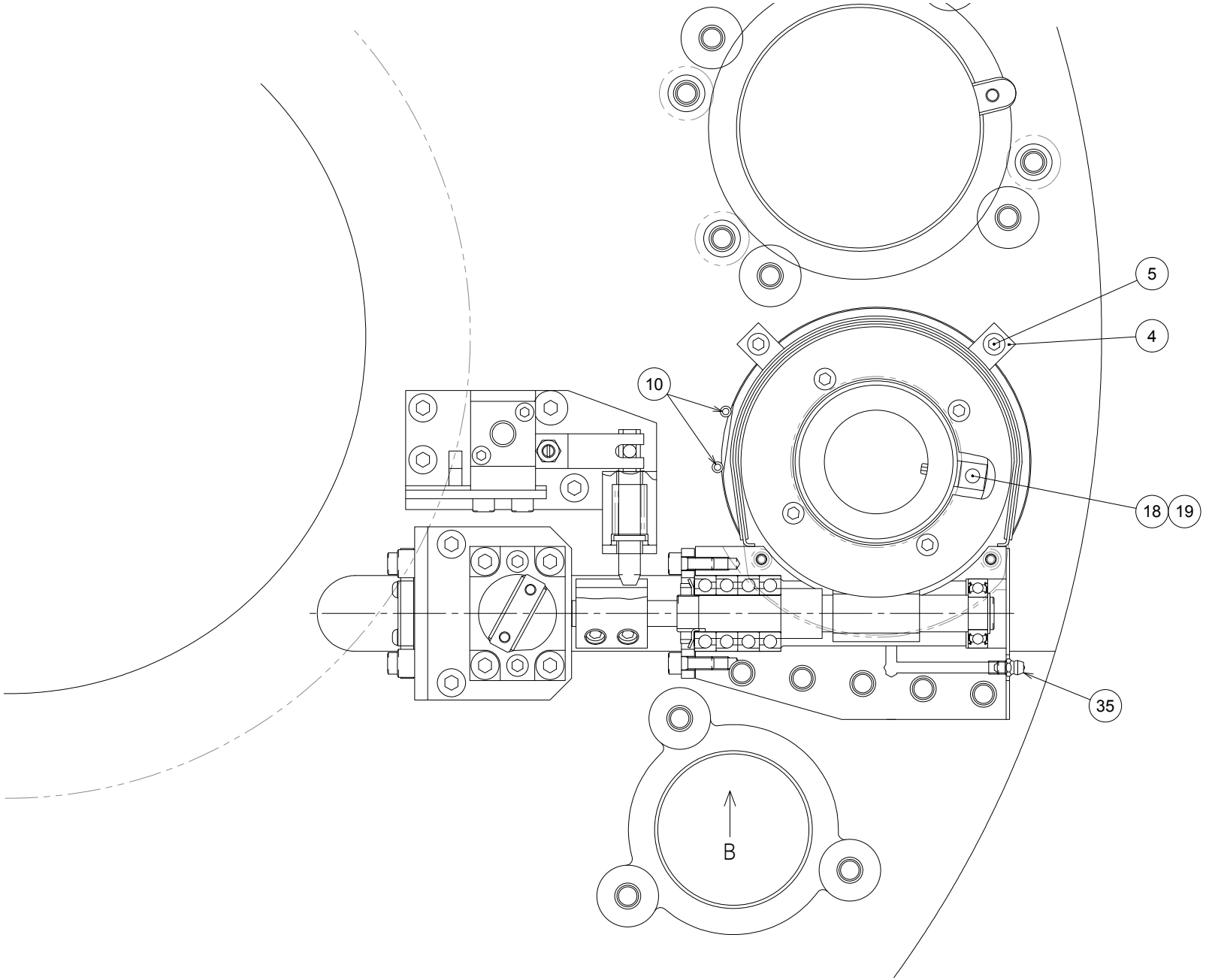


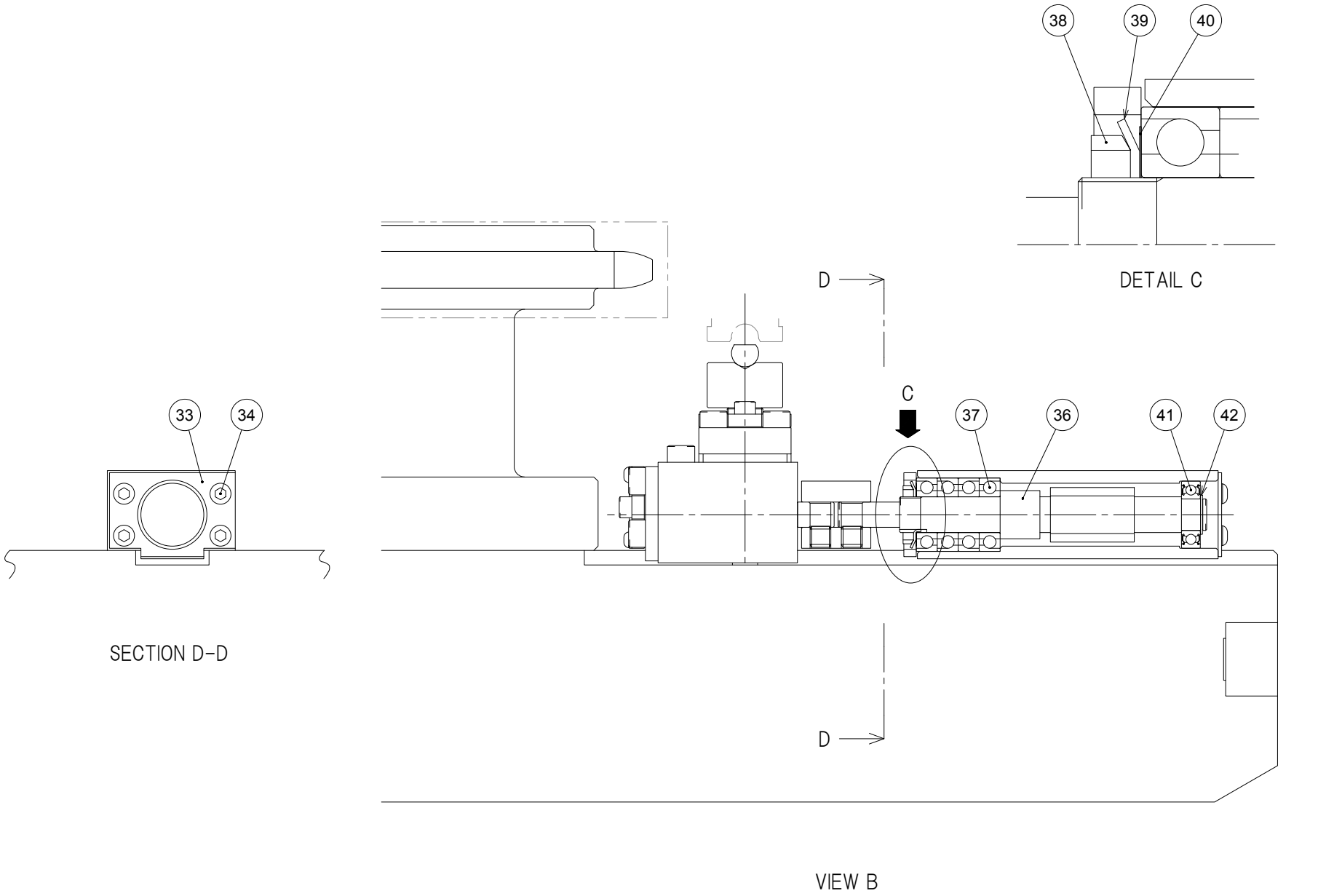
(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C

Unit No. 144 Turret AI(36ST-2AI)E-3/4 <1-1/4" AI Turret ASSY Upper>

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VIEW B
6875440--C

Unit No. 144 Turret AI(36ST-2AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 144 Turret AI(36ST-2AI)E <1-1/4" AI Turret ASSY Upper>

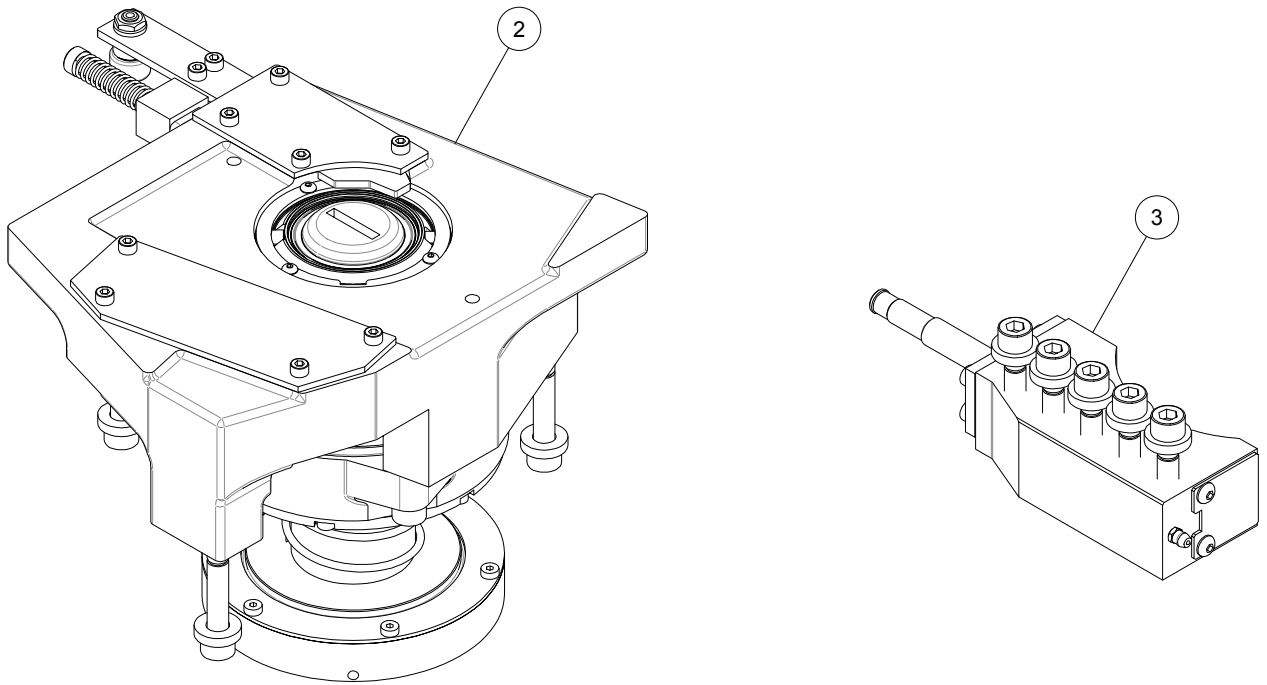
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 144 Turret AI(36ST-2AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 144 Turret AI(36ST-2AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74322202 6501959	Cover		1

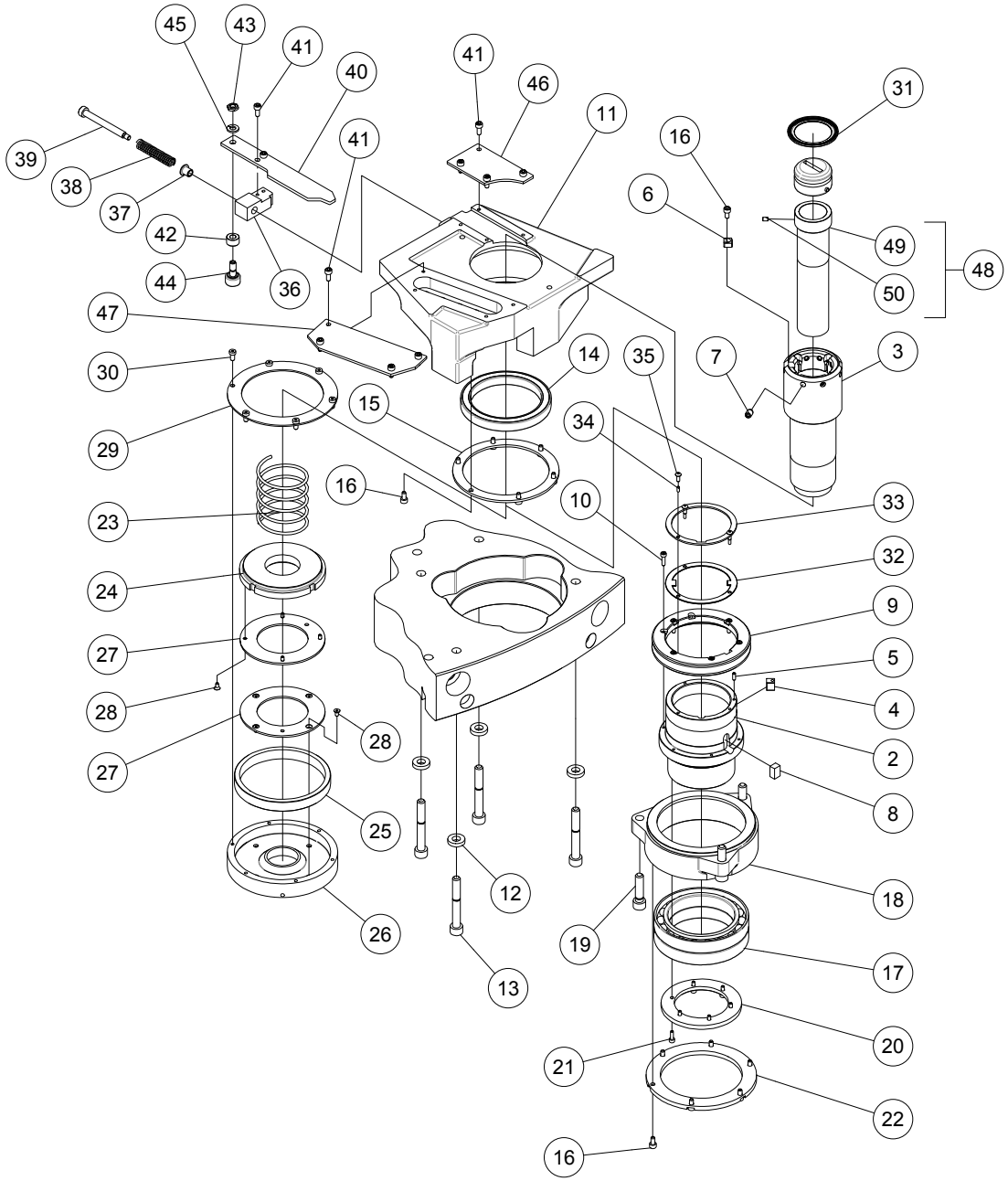


(1) 1-1/4"AI Turret ASSY Lower

MA08305---

Unit No. 145 Turret AI(36ST-2AI)E <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 146 Turret AI(36ST-2AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 146 Turret AI(36ST-2AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 146 Turret AI(36ST-2AI)E <Bearing Holder L1 ASSY>

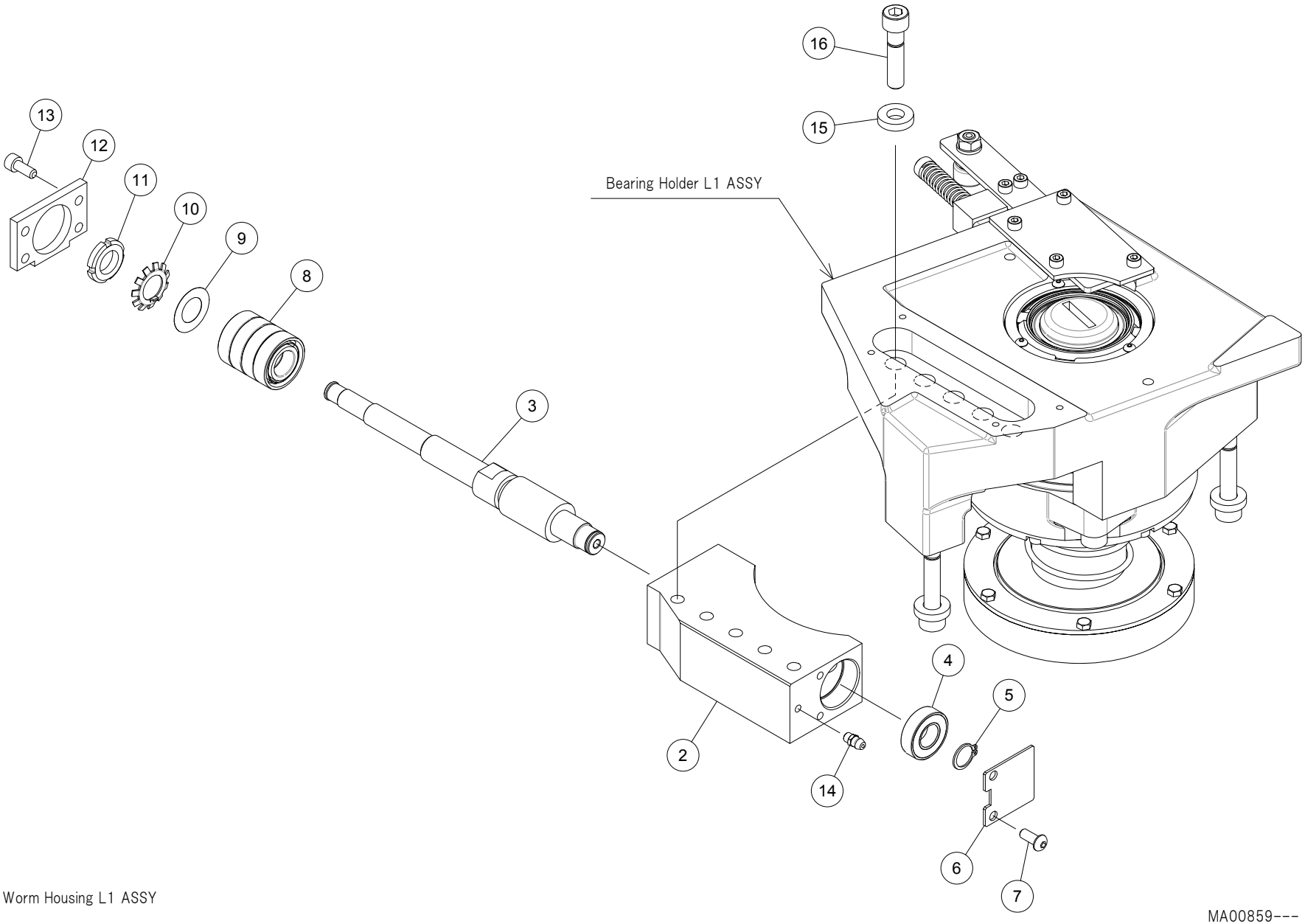
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 146 Turret AI(36ST-2AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 146 Turret AI(36ST-2AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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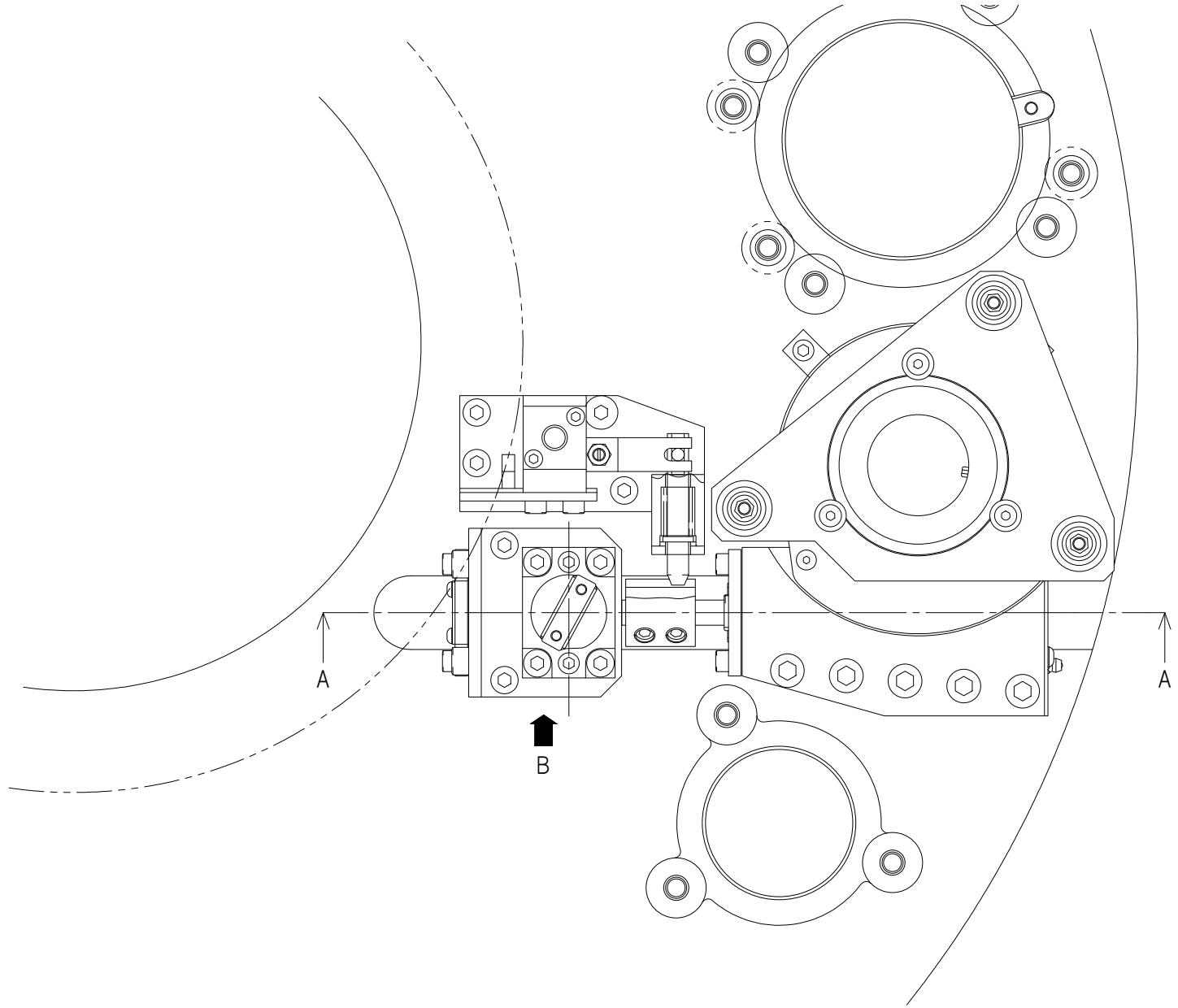
7
1 Worm Housing L1 ASSY
MA00859---

Unit No. 147 Turret AI(36ST-2AI)E <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

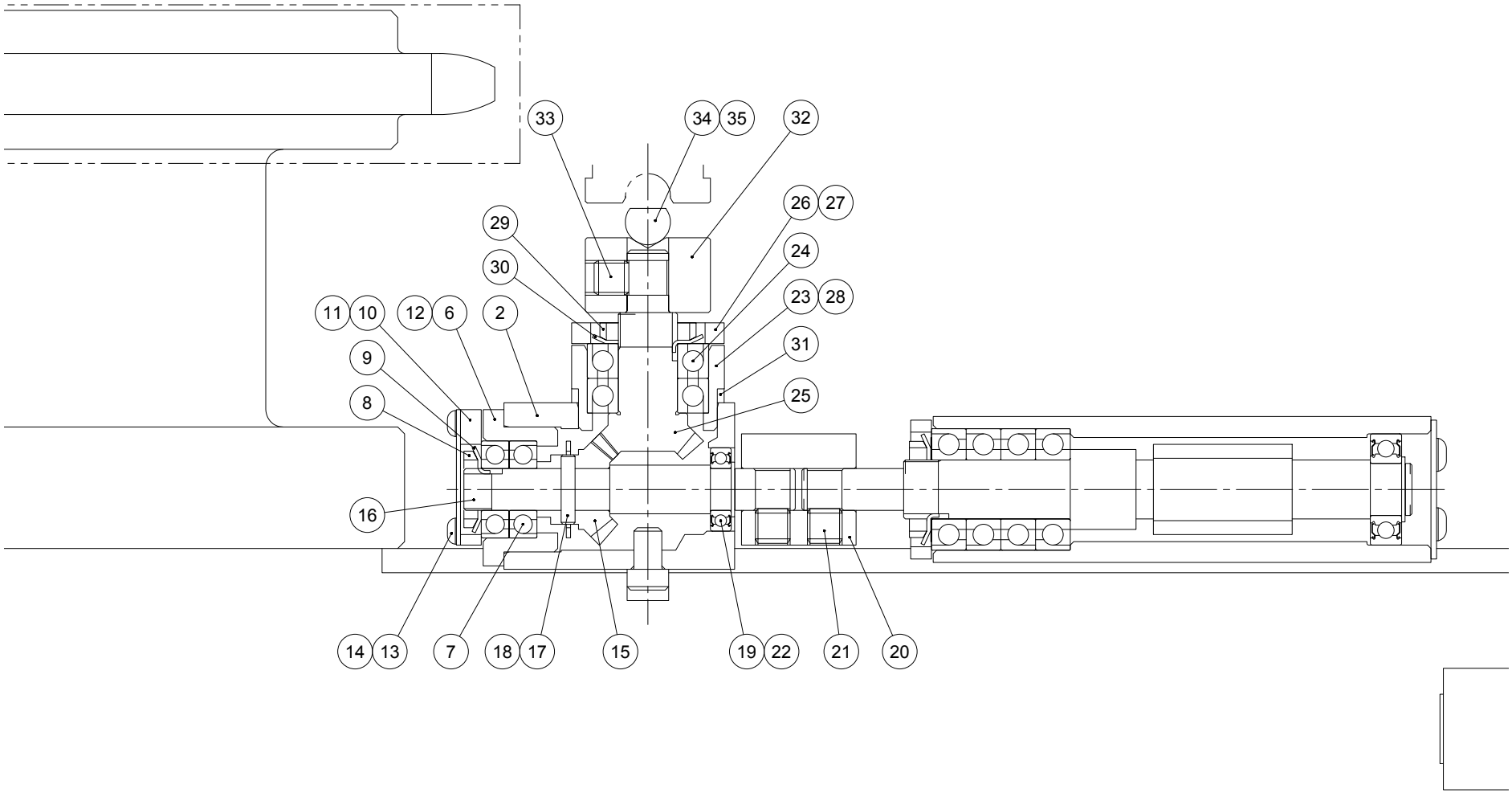
Unit No. 147 Turret AI(36ST-2AI)E <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



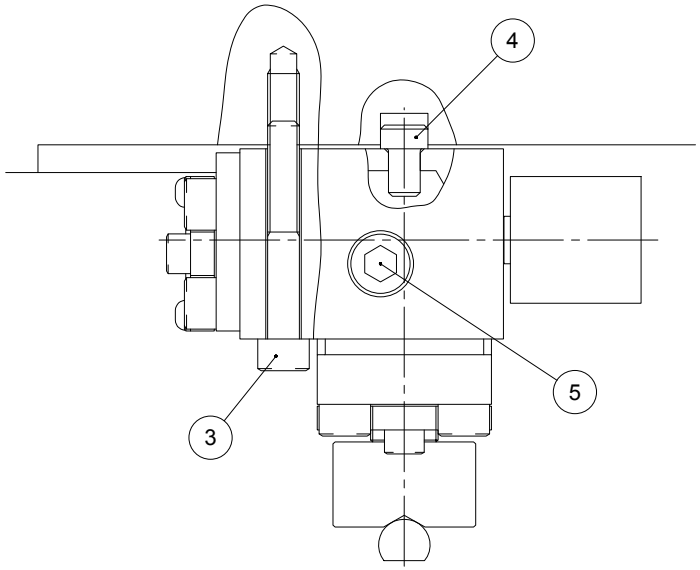
(1) Turret Drive ASSY Upper

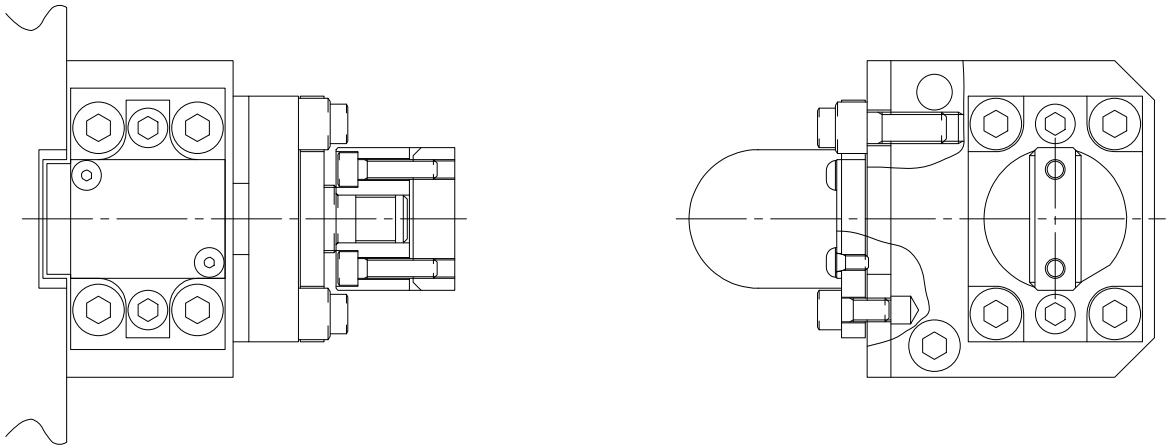
6813105 D



SECTION A-A

6813105 D





DETAIL B

6813105 D

Unit No. 148 Turret AI(36ST-2AI)E <Turret Drive ASSY Upper>

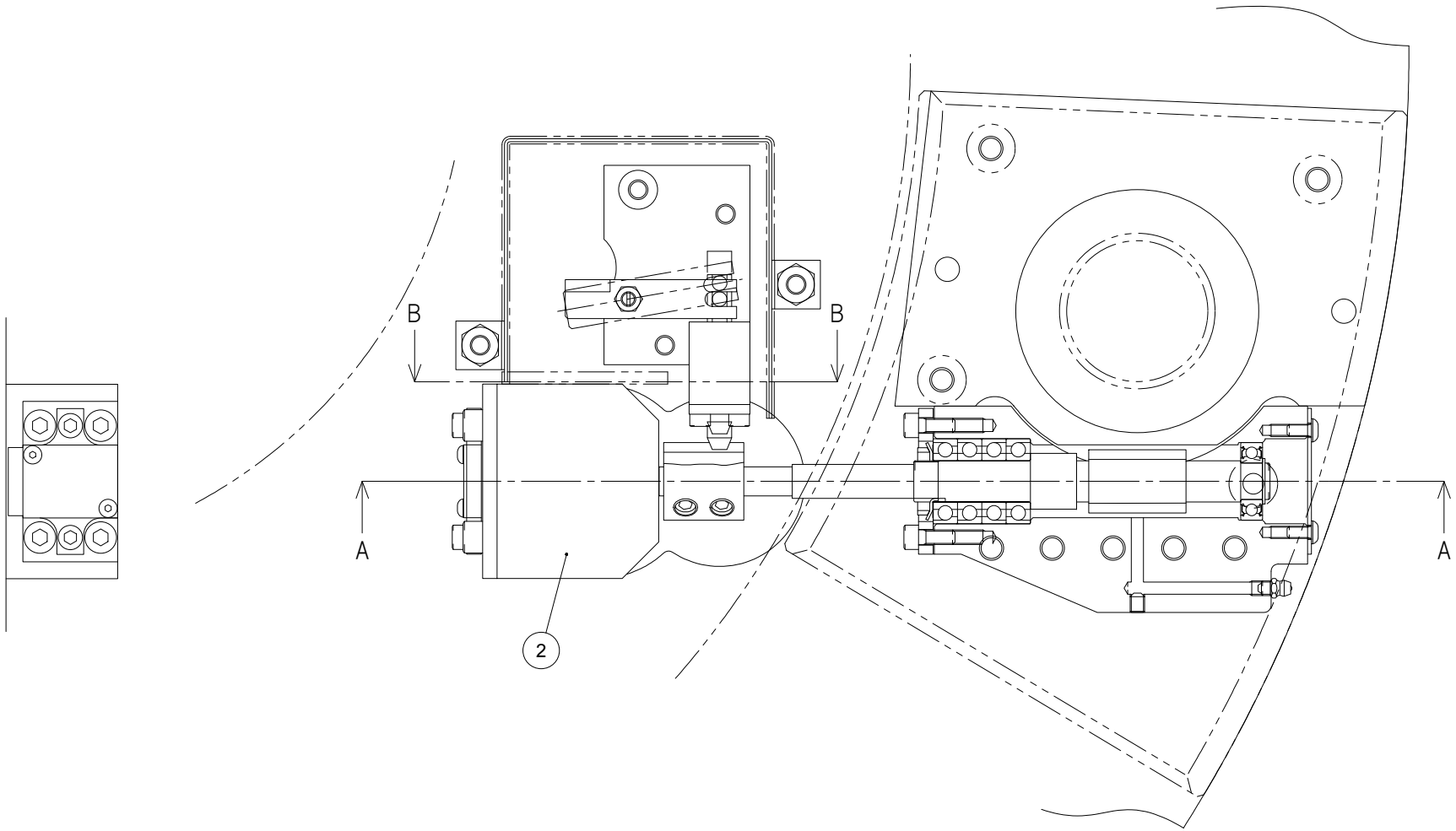
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	 Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 148 Turret AI(36ST-2AI)E <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

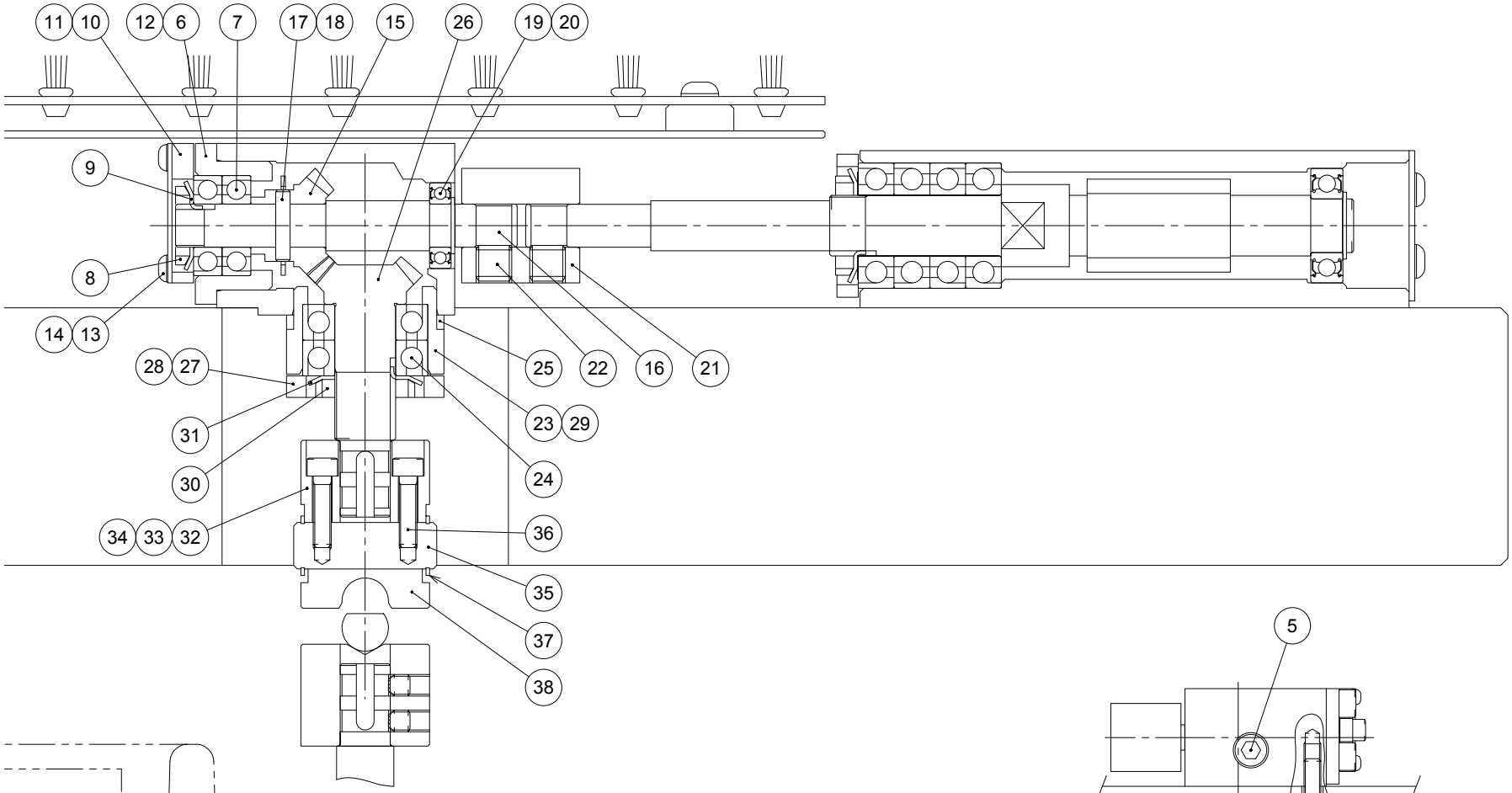
Unit No. 148 Turret AI(36ST-2AI)E <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

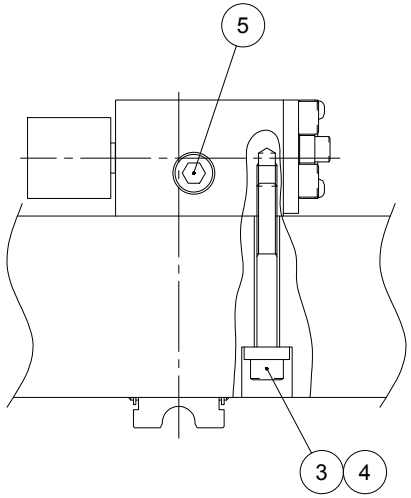


(1) Turret Drive ASSY Lower

6813106 D



SECTION A-A



SECTION B-B

6813106 D

Unit No. 149 Turret AI(36ST-2AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 149 Turret AI(36ST-2AI)E <Turret Drive ASSY Lower>

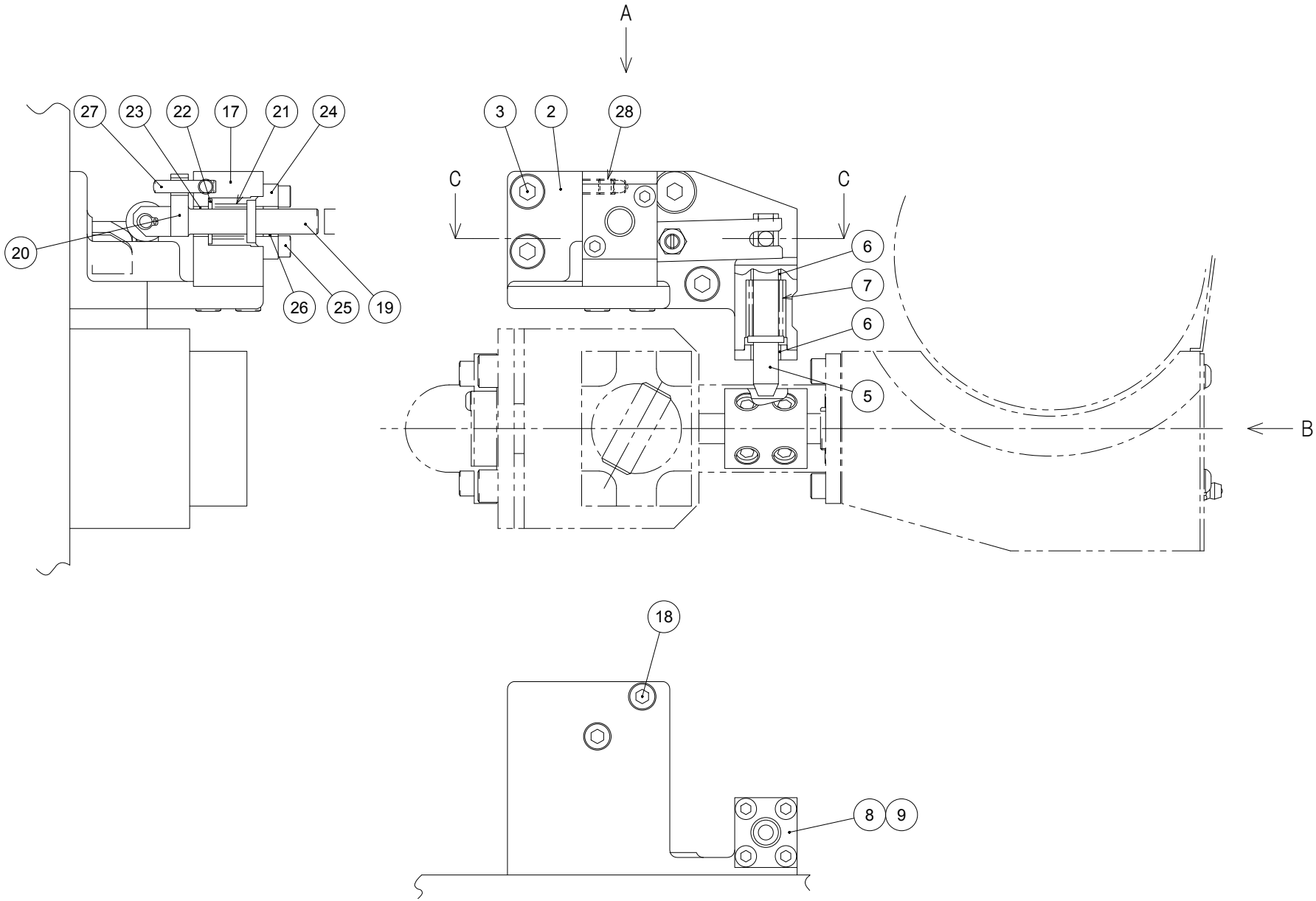
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

Unit No. 149 Turret AI(36ST-2AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

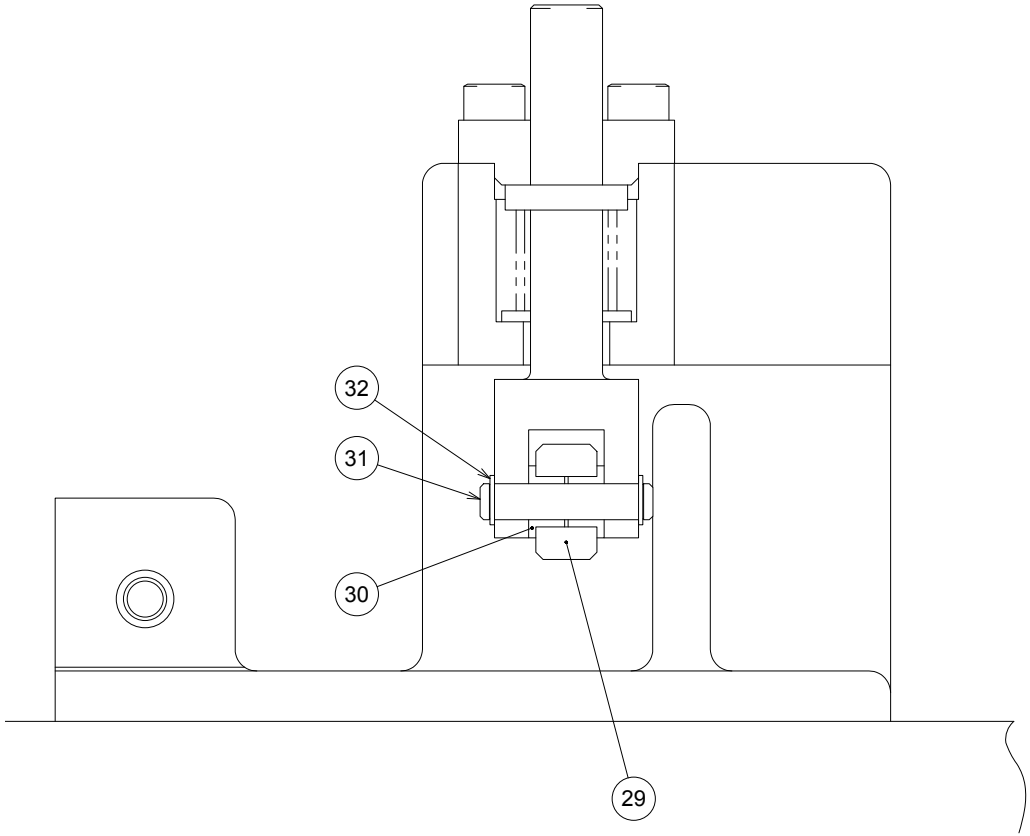
Unit No. 149 Turret AI(36ST-2AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622	Locating Snap Ring	STW-13	2
	P406108036	OCHIAI		
38	74379584	Clamp Shaft		1
	6501943 B			

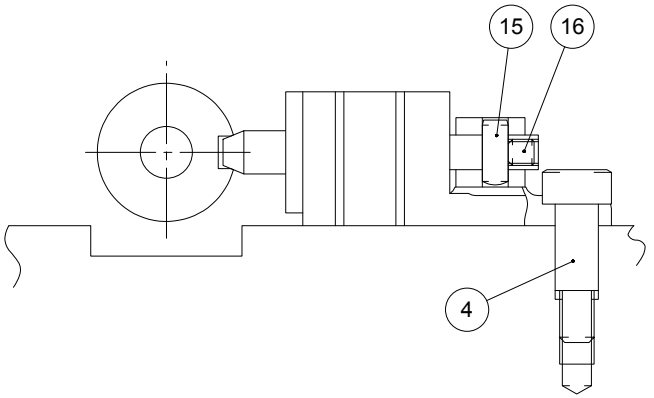


(1) Brake ASSY

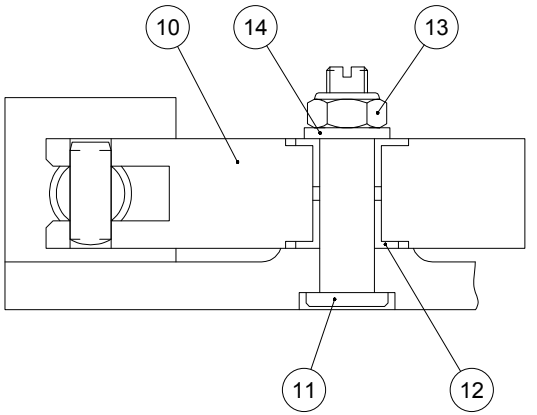
7401750--G



VIEW A



VIEW B



SECTION C-C

7401750--G

Unit No. 150 Turret AI(36ST-2AI)E <Brake ASSY>

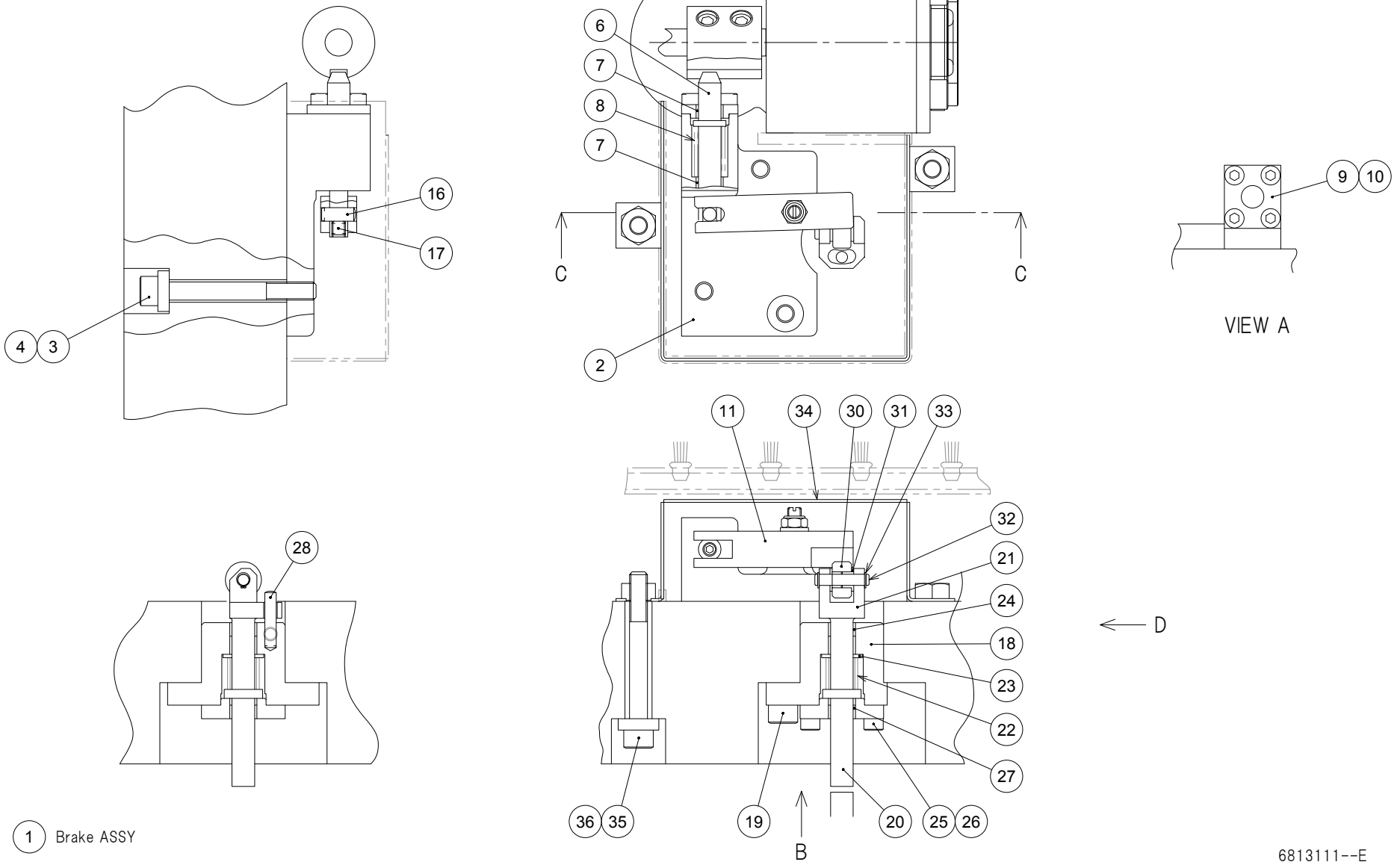
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 150 Turret AI(36ST-2AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

Unit No. 150 Turret AI(36ST-2AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300614 / P330210004	Hex Socket Cap Screw / JIS	M5X12	2
26	74570154 / P407003201	Bushing / DAIDO METAL	DUB1006	1
27	74900653 / P337020273	Parallel Pin / JIS	A-5X25	1
28	74305504 / P330550024	Socket Set Screw / JIS	M6X6(Flat Type)	1
29	74562625 / 6501998 A	Roller		1
30	74570157 / P407013073	Bushing / DAIDO METAL	DUF0504-10	2
31	74900321 / 6501992--C	Pin 2		1
32	74160219 / P406108136	Locating Snap Ring / OCHIAI	STW-5	2


A
6
7
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7
16
17
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3
C
C
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VIEW A
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31
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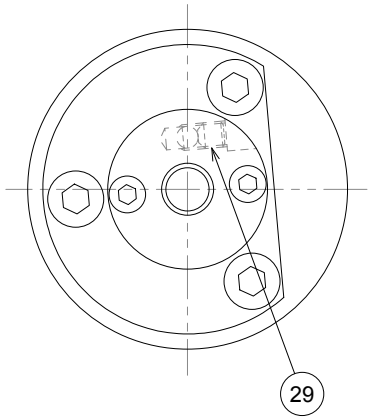
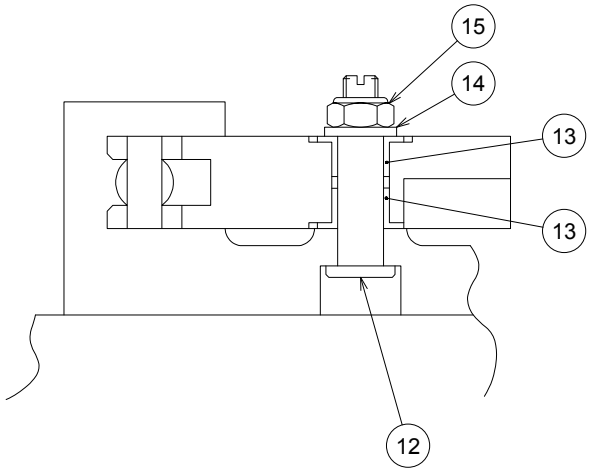
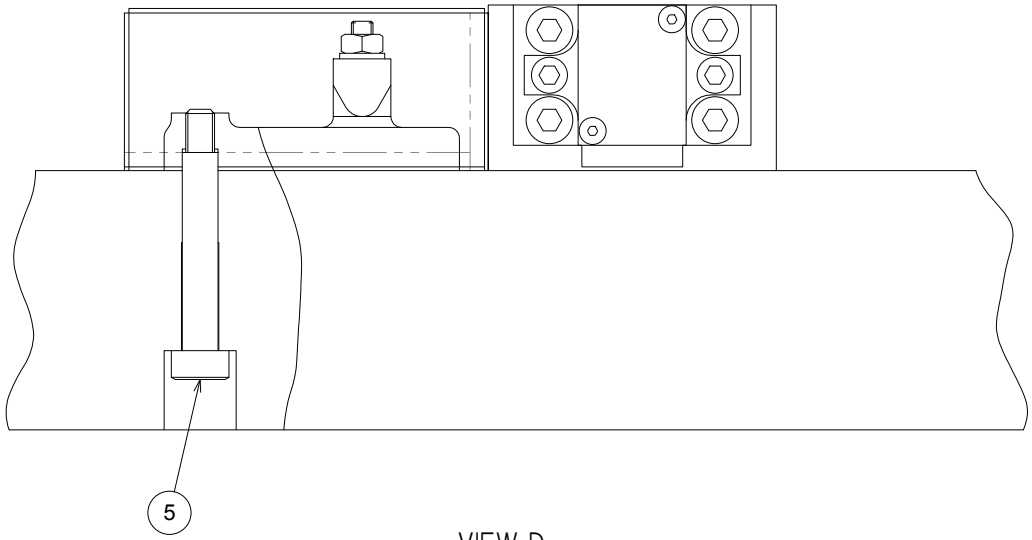
D
28
36
35
19
B
20
25
26
1 Brake ASSY
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 151 Turret AI(36ST-2AI)E <Brake ASSY>

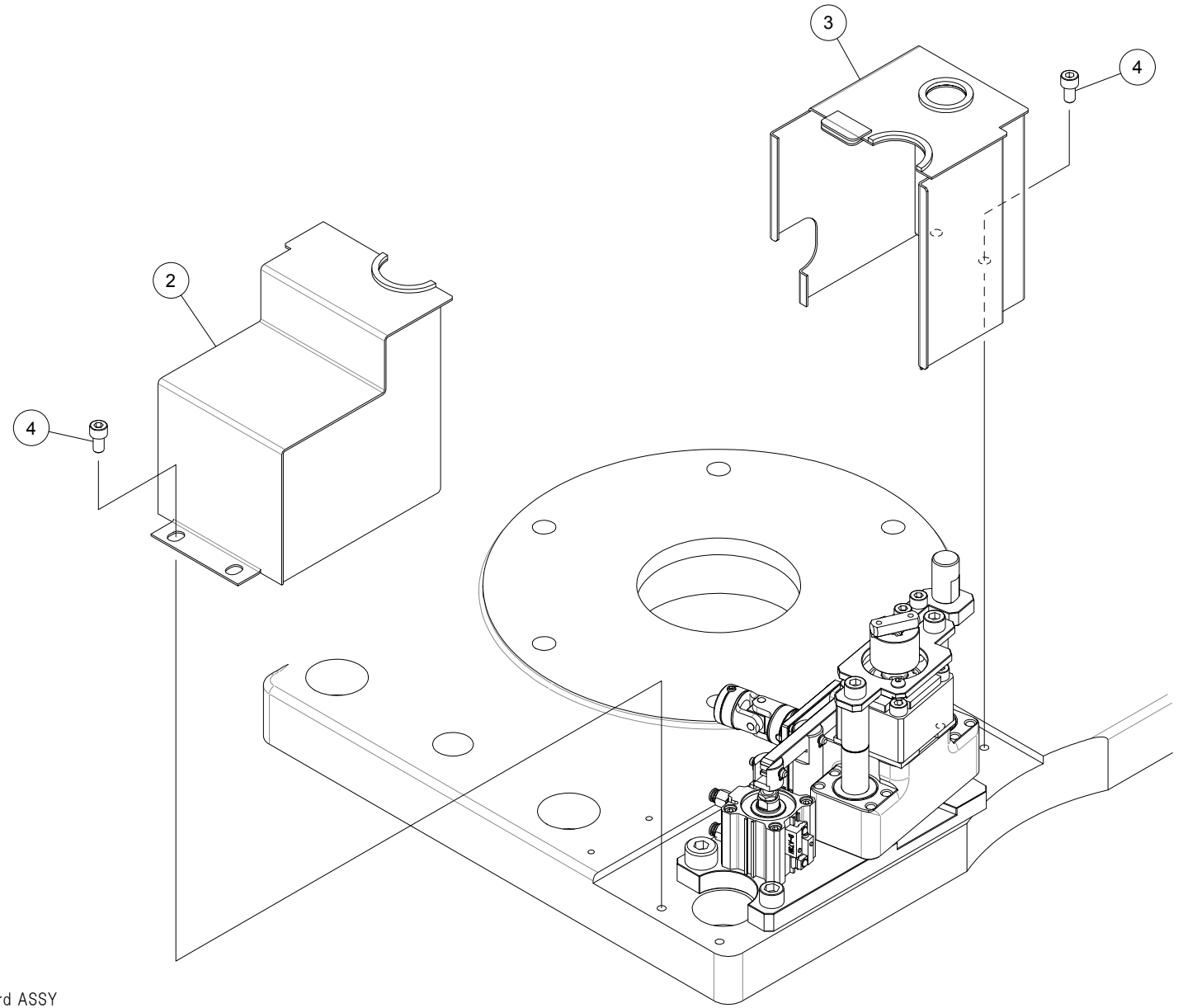
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 151 Turret AI(36ST-2AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 151 Turret AI(36ST-2AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

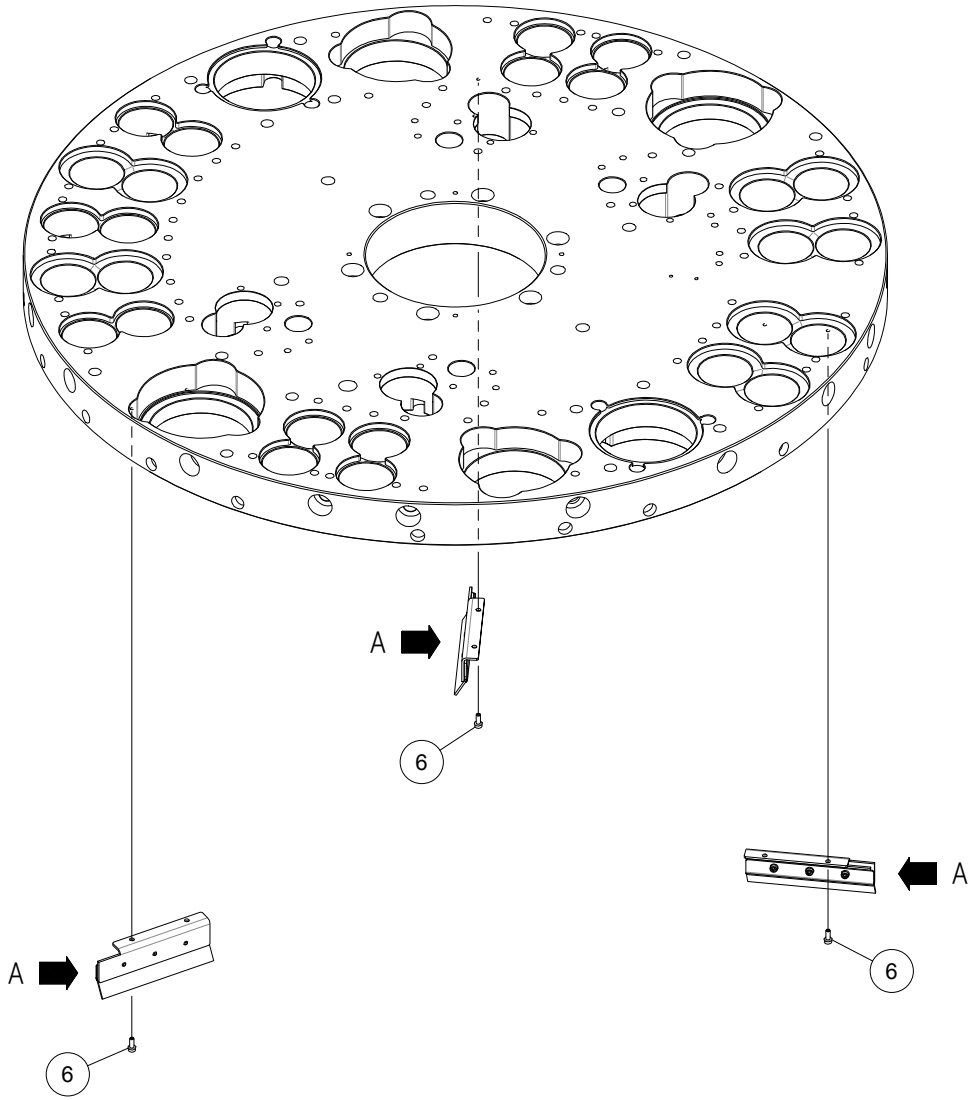


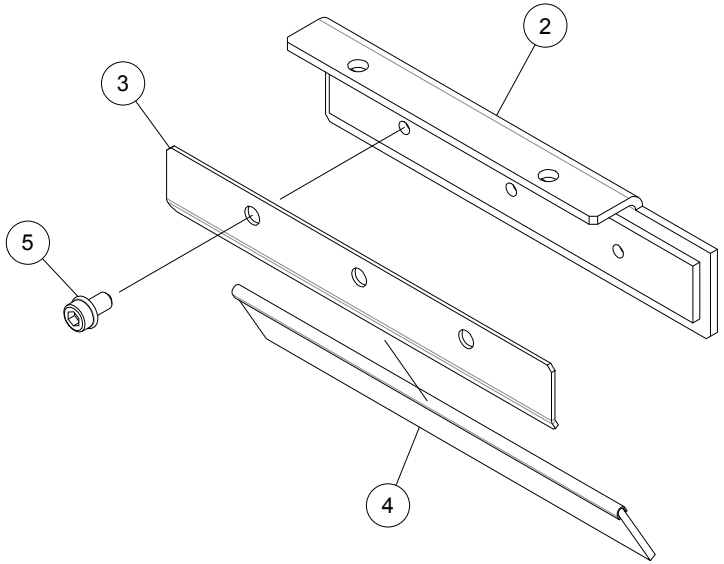
(1) Scrap Guard ASSY

MA00605---

Unit No. 152 Turret AI(36ST-2AI)E <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 / MA00728--A	Scrap Guard 1		1
3	74900405 / MA00729--A	Scrap Guard 2		1
4	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5





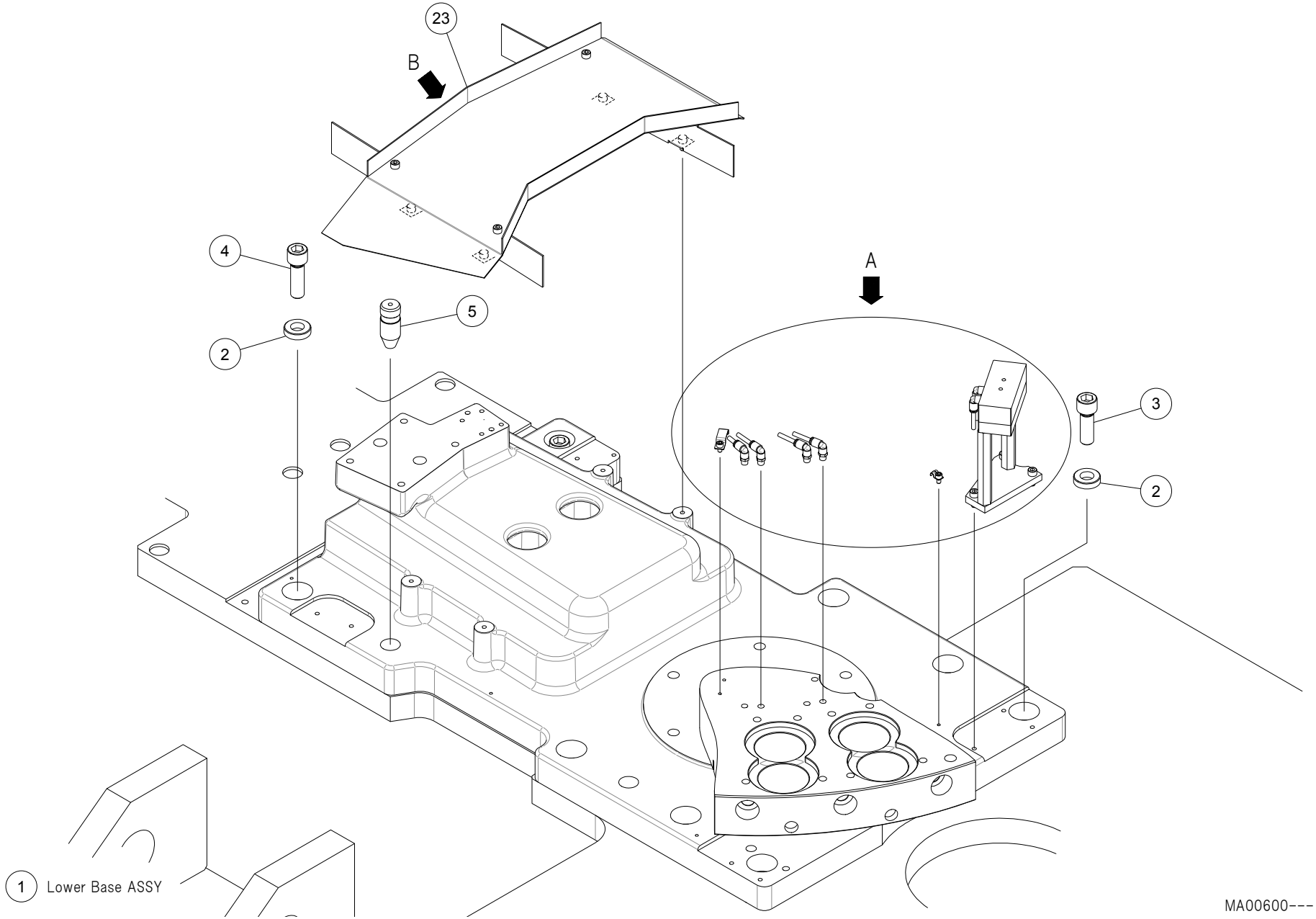
DETAIL A

(1) Scraper ASSY

MA00606---

Unit No. 153 Turret AI(36ST-2AI)E <Scraper ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74900372 MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 MA01078--A	Bracket 1		3
3	74900433 MA01079---	Bracket 2		3
4	74900427 MA01060---	Brush		3
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	9
6	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	6


23
B
4
A
5
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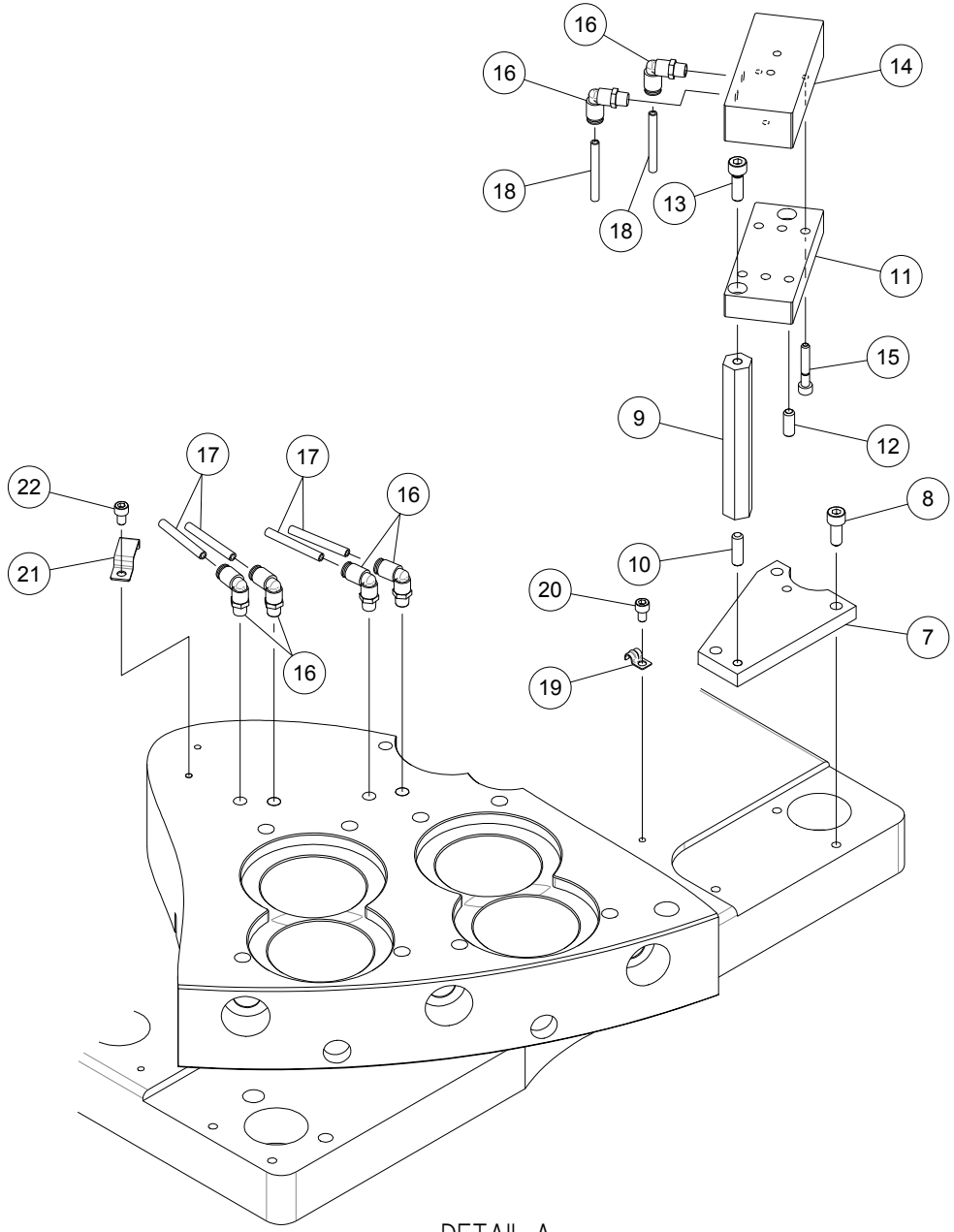
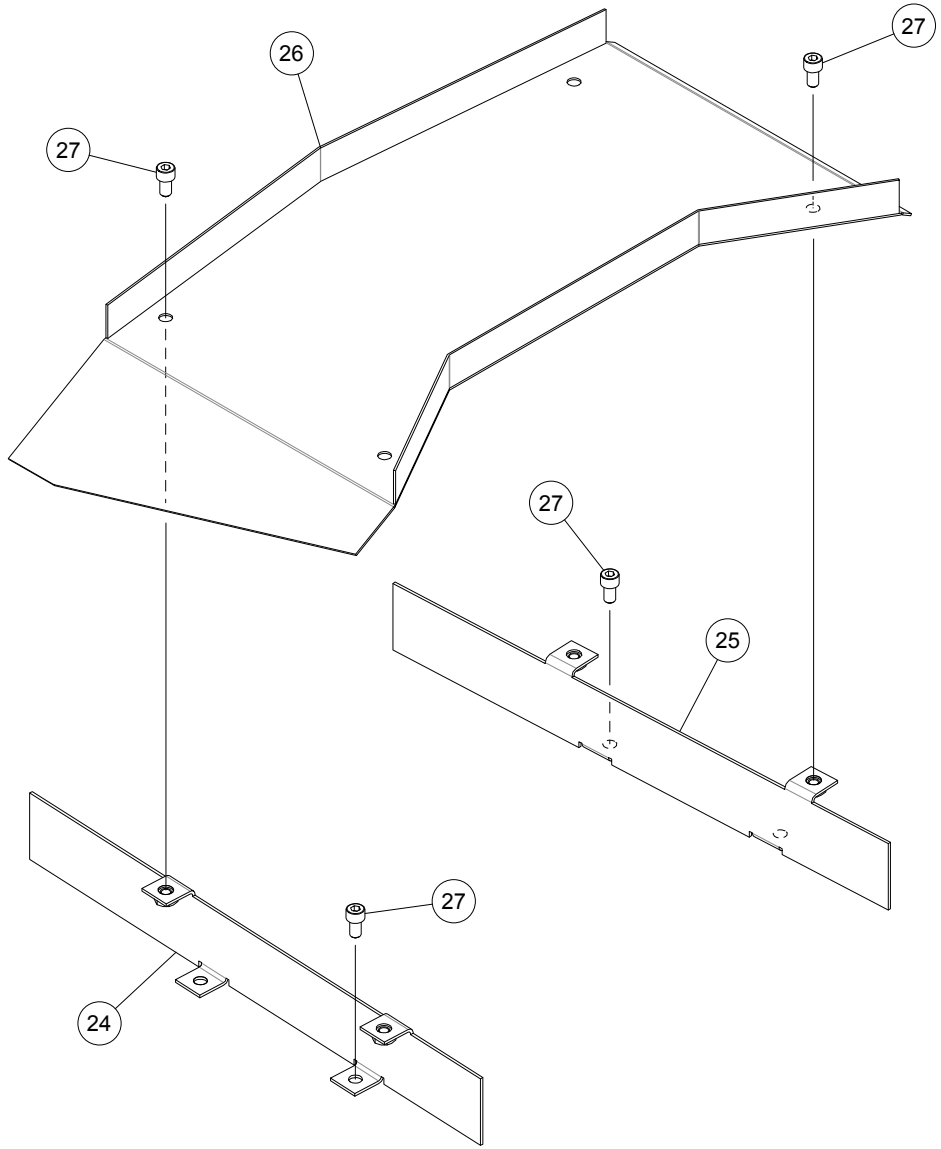
2
1 Lower Base ASSY
MA00600---



DETAIL A

(6) Tap Sensor Piping ASSY

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 154 Turret AI(32ST-4AI)E <Lower Base ASSY>

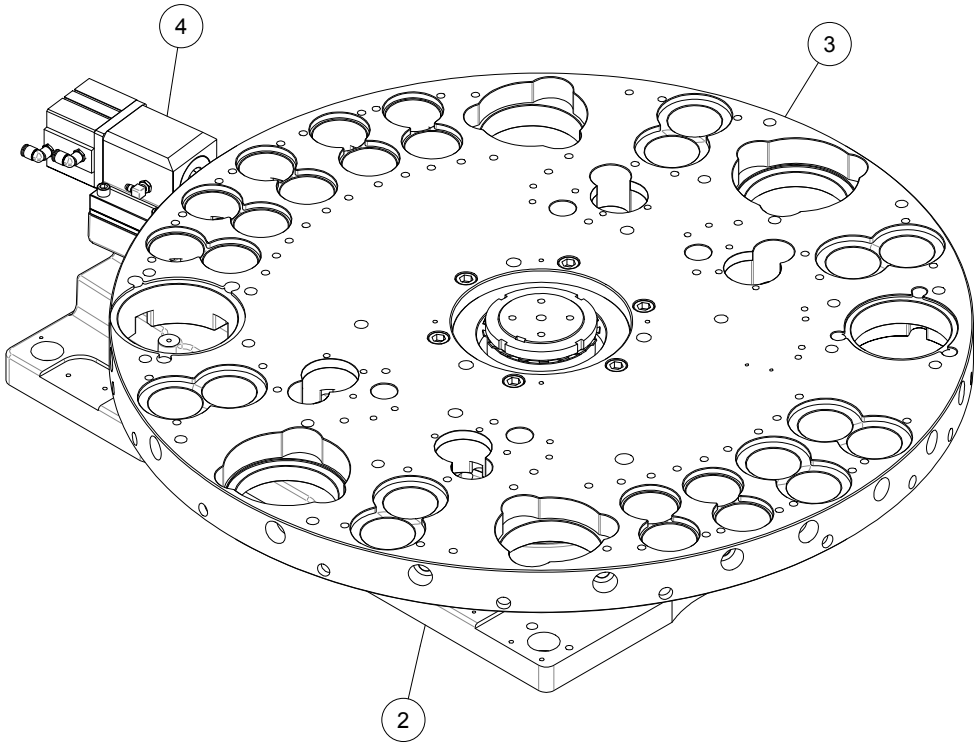
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

Unit No. 154 Turret AI(32ST-4AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 154 Turret AI(32ST-4AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8

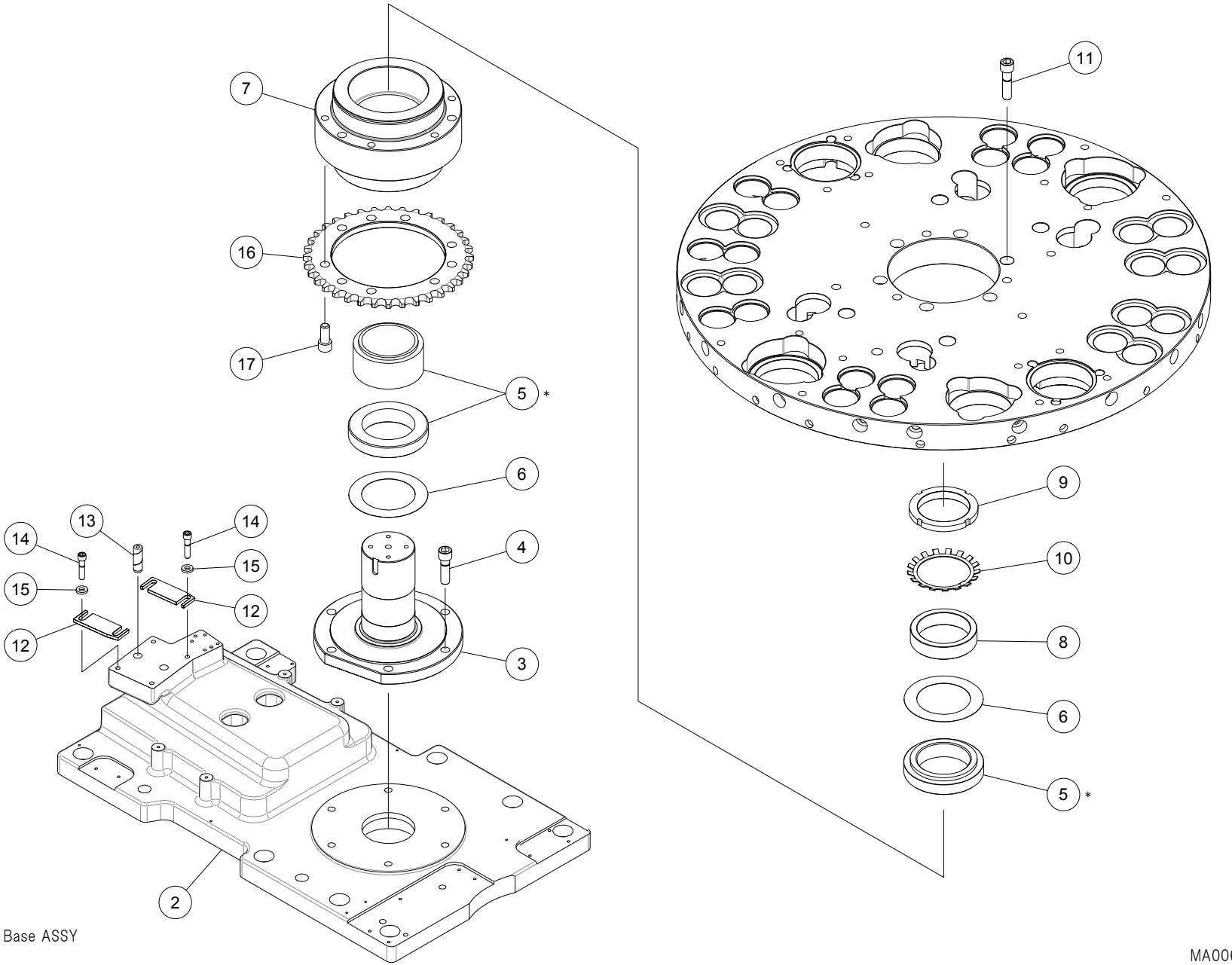


(1) Lower Turret ASSY 32ST-4AI (B)

MA03486---

Unit No. 155 Turret AI(32ST-4AI)E <Lower Turret ASSY 32ST-4AI B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03486---	Lower Turret ASSY 32ST-4AI (B)	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	MA03487---	32ST-B Disk ASSY Lower		1
4	74900326 6875464	Index Pin ASSY		1



(1) Lower Base ASSY

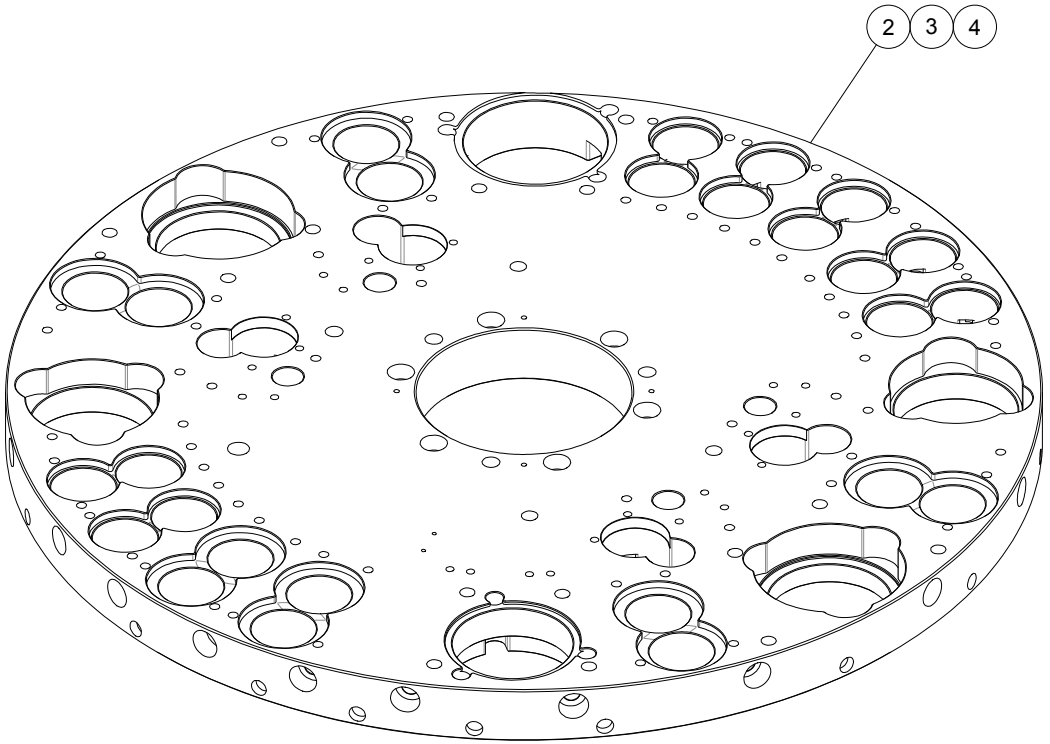
MA00632---

Unit No. 156 Turret AI(32ST-4AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00632---	Lower Base ASSY	Index 2-17	1
2	74900351 MA00354--A	Lower Base		1
3	74900373 MA00633--A	Bearing Shaft Lower		1
4	74776766 P330270009	Hex Socket Cap Screw	M20X70	6
5	74569663 7830623 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74421315 6827302	Collar		2
7	74900374 MA00634---	Bearing Housing Lower		1
8	74900375 MA00635---	Collar		1
9	74421248 0811674 B	Crown Nut		1
10	74303123 P406040019	Locking Washer JIS	AW-24	1
11	74776767 P330270011	Hex Socket Cap Screw	M20X80	6
12	74577424 6812556	Spacer		2

Unit No. 156 Turret AI(32ST-4AI)E <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6

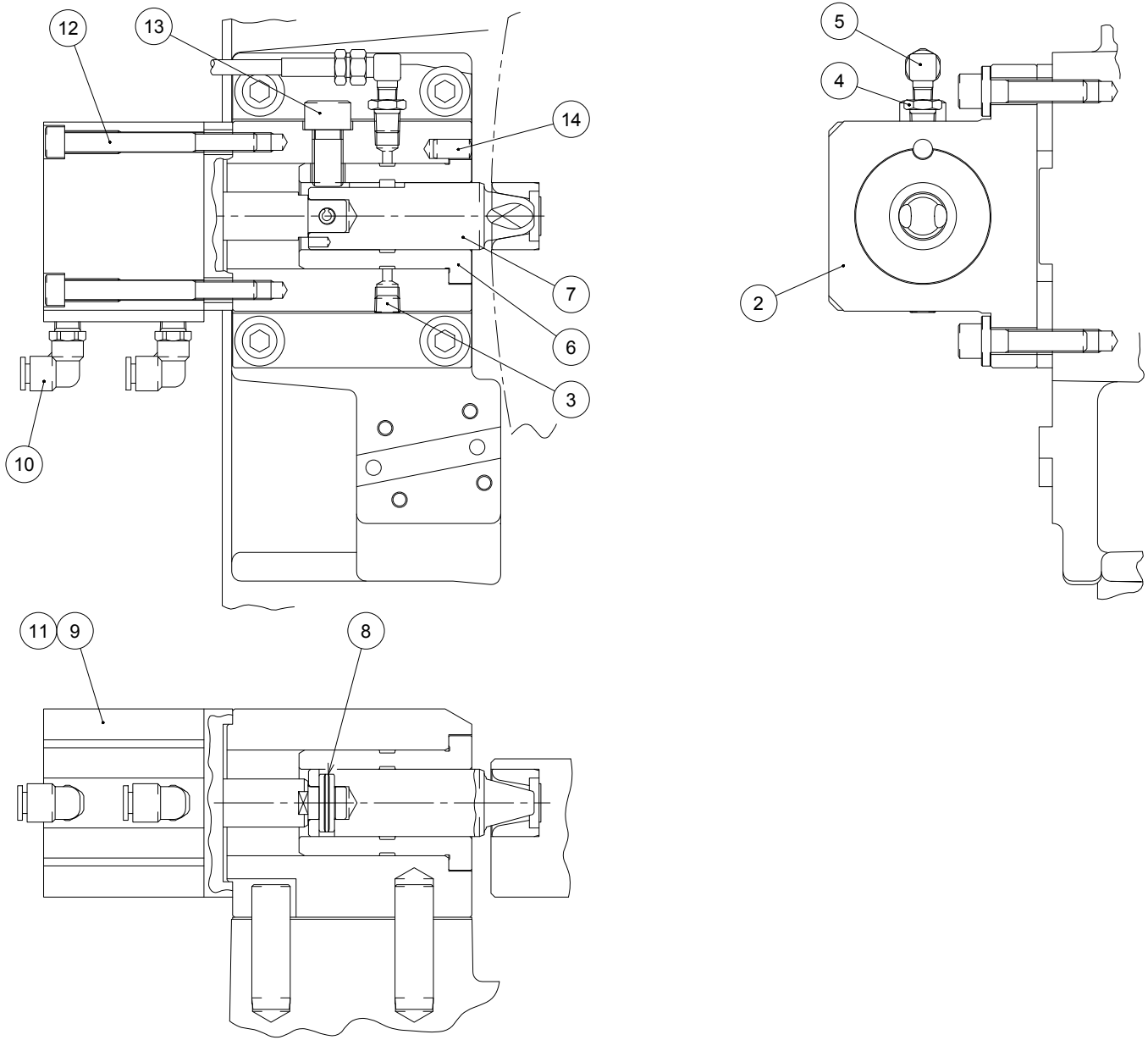


(1) 32ST-B Disk ASSY Lower

MA03487---
(MA03492--A)

Unit No. 157 Turret AI(32ST-4AI)E <32ST-B Lower Disk ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03487---	32ST-B Disk ASSY Lower	Index 2-4	1
2	74901379 / MA03492--A	32ST-B Lower Turret Disk		1
3	74160230 / 0480336 K	Bushing		19
4	74570101 / 6813173	Sub Index Pin Bushing		19



(1) Index Pin ASSY

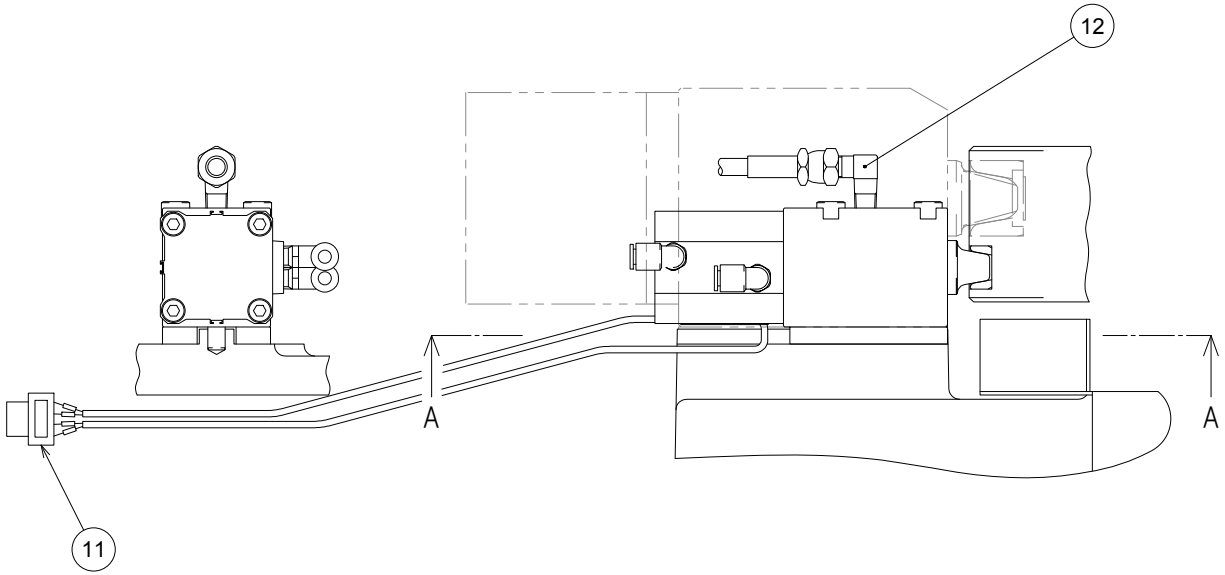
6875464
(6875460#1F)
(6875460#2C)

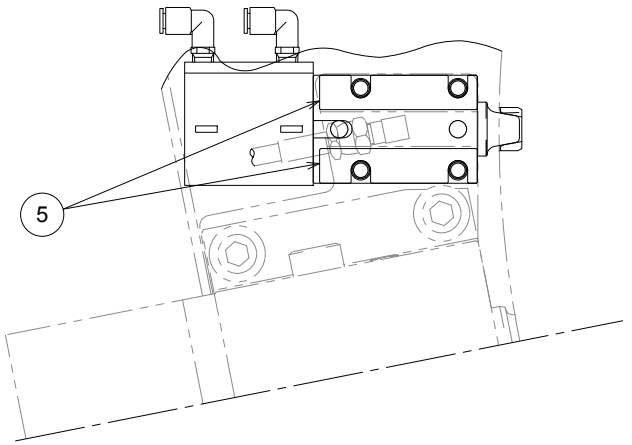
Unit No. 158 Turret AI(32ST-4AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

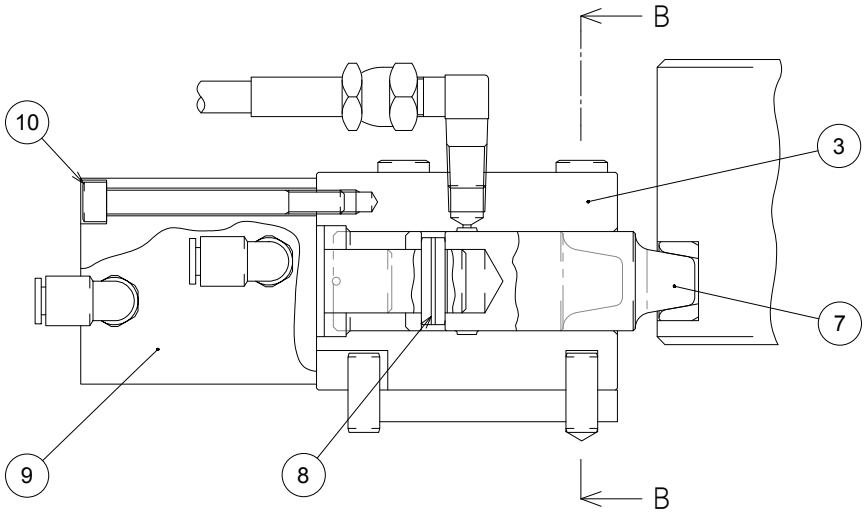
Unit No. 158 Turret AI(32ST-4AI)E <Index Pin ASSY>

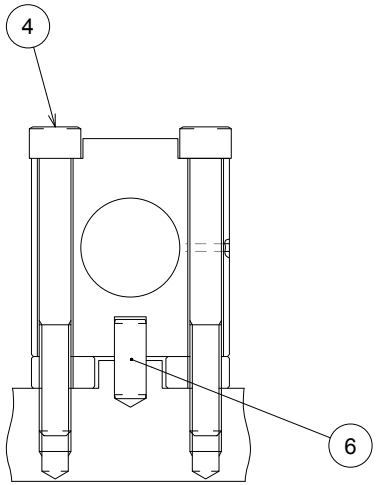
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





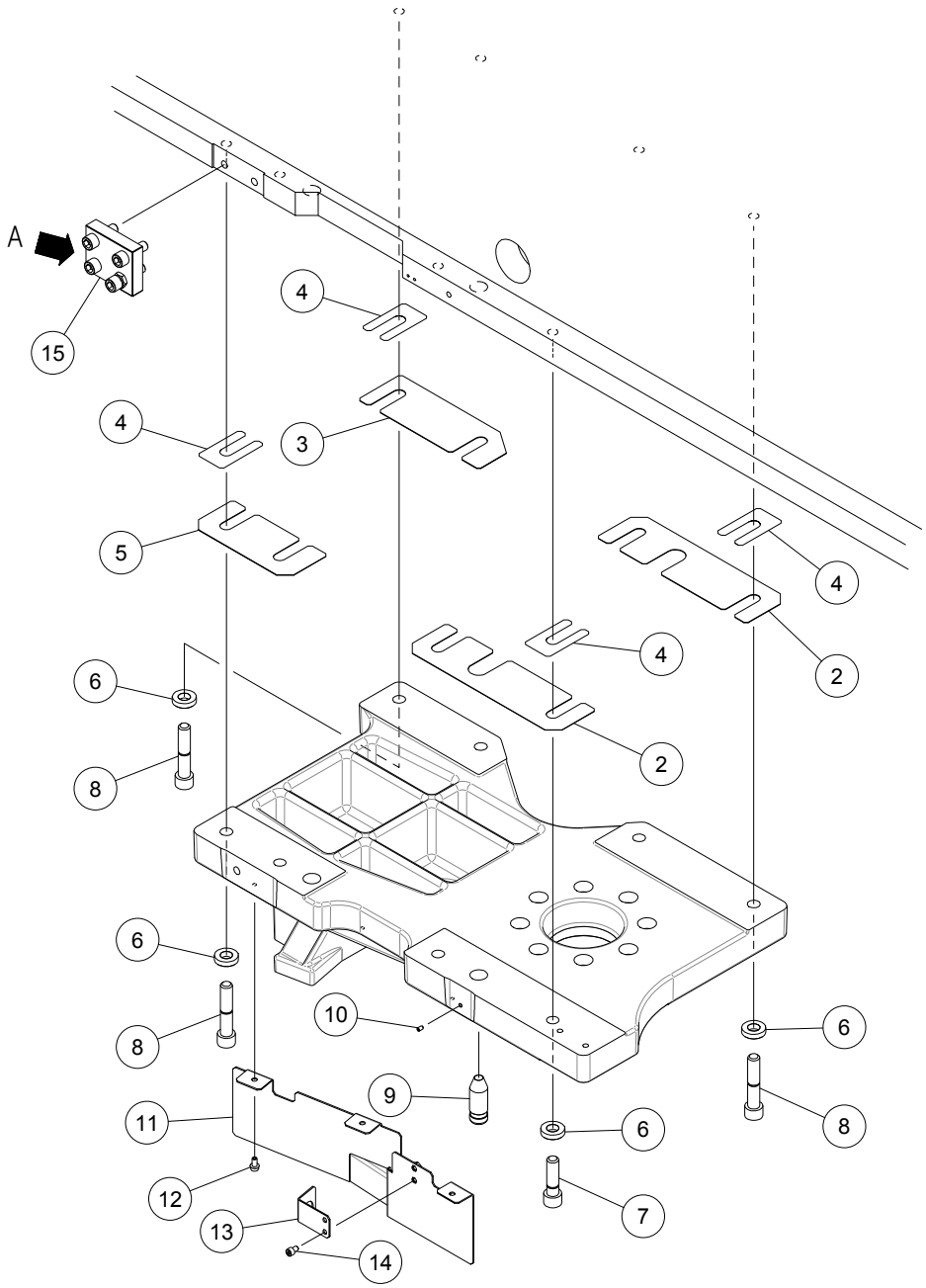
SECTION B-B

(1) Lower Base PDC ASSY (2) Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

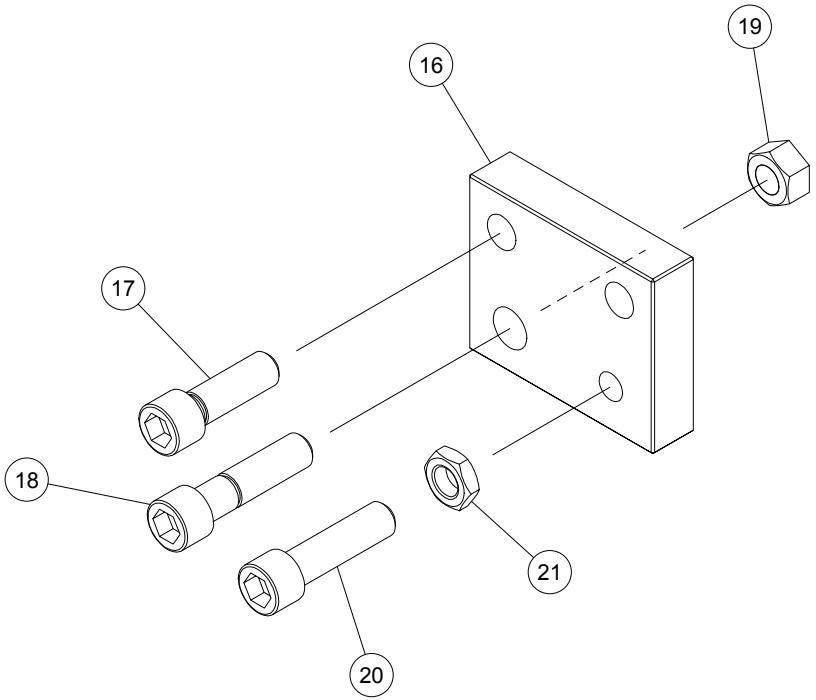
Unit No. 159 Turret AI(32ST-4AI)E <Lower Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

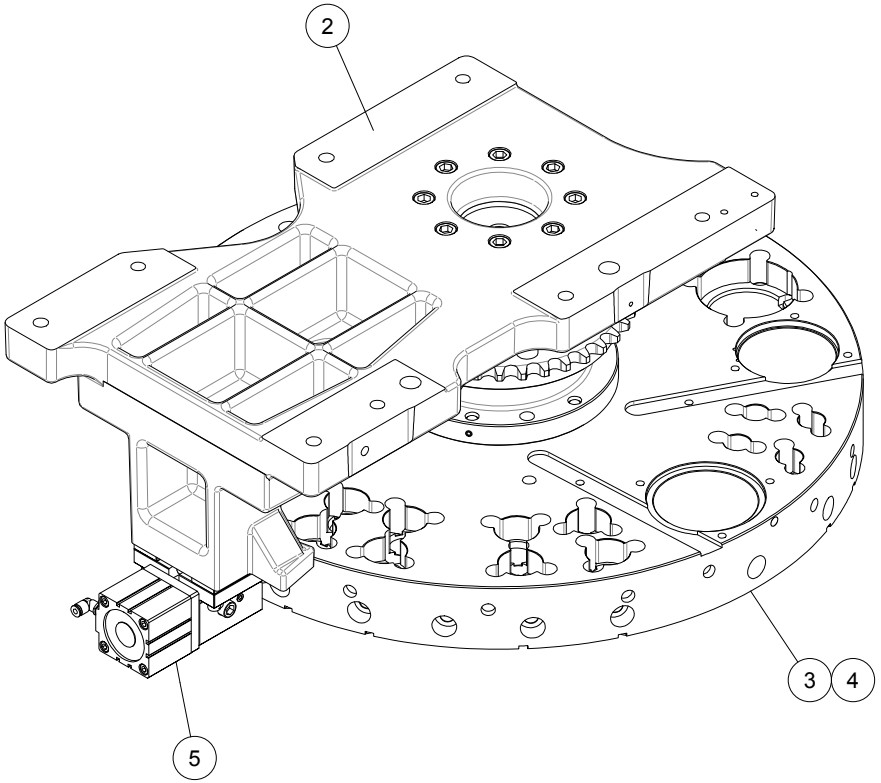
MA00642---

Unit No. 160 Turret AI(32ST-4AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00602---	Upper Base ASSY	Index 2-21	1
2	74900376 MA00639--A	Shim A		2
3	74900377 MA00640---	Shim B		1
4	74900380 MA00645---	Shim E		4
5	74900378 MA00641--A	Shim C		1
6	74159434 0821009 B	Washer		8
7	74776766 P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 6892024 A	Locating Pin		2
10	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Type)	1
11	74900461 MA02408--B	Chain Cover		1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 160 Turret AI(32ST-4AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1

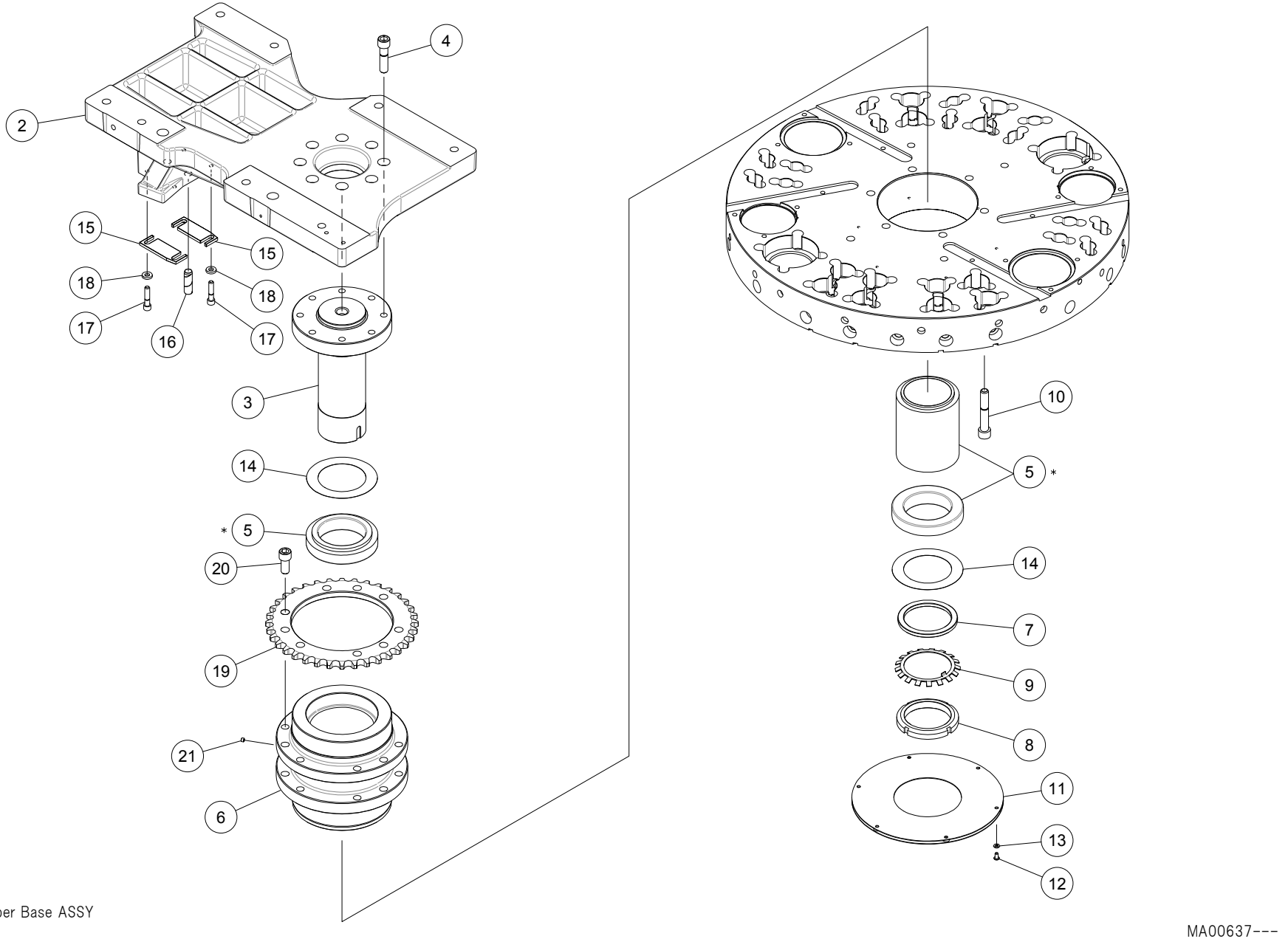


(1) Upper Turret ASSY 32ST-4AI B

MA00637---

Unit No. 161 Turret AI(32ST-4AI)E <Upper Turret ASSY 32ST-4AI B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03488---	Upper Turret ASSY 32ST-4AI B	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	MA03489---	32ST-B Disk ASSY Upper		1
4	MA03494---	32ST-B Tool ASSY		1
5	74900326 6875464	Index Pin ASSY		1



(1) Upper Base ASSY

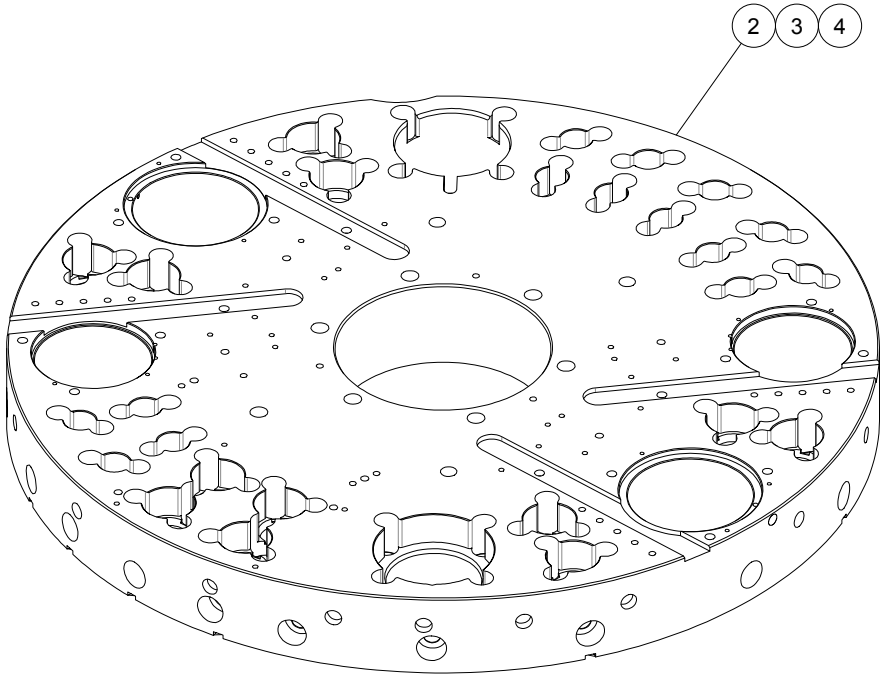
MA00637---

Unit No. 162 Turret AI(32ST-4AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 MA00352--B	Upper Base		1
3	74569656 6812552 A	Bearing Shaft Upper		1
4	74776767 P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 7830622 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74379117 6530296	Bearing Housing Upper		1
7	74379119 6530298	Collar		1
8	74421248 0811674 B	Crown Nut		1
9	74303123 P406040019	Locking Washer JIS	AW-24	1
10	74900649 P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 6530299 A	Cap		1
12	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 162 Turret AI(32ST-4AI)E <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1

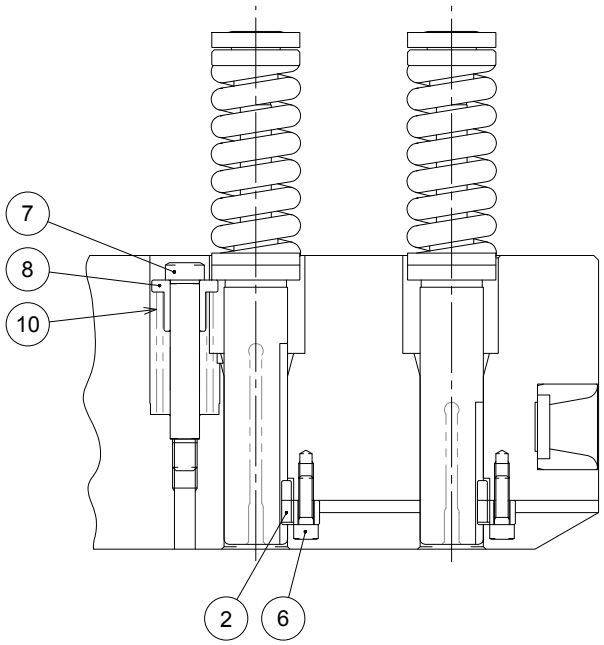


(1) 32ST-B Disk ASSY Upper

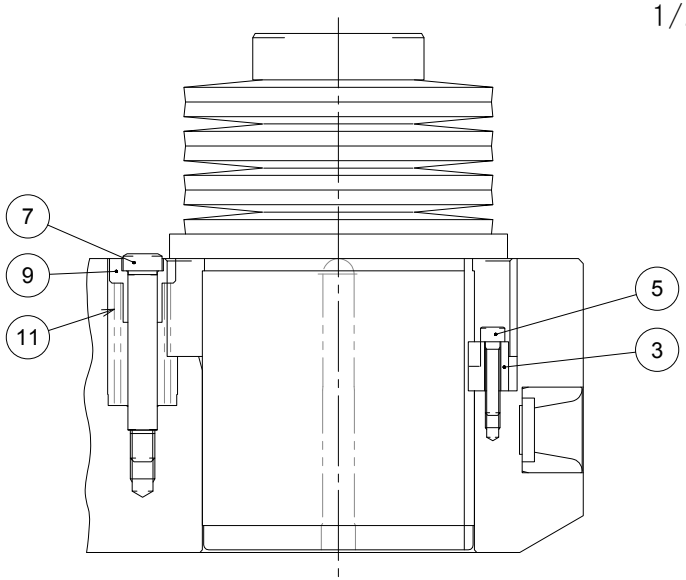
MA03489---
(MA03491--A)

Unit No. 163 Turret AI(32ST-4AI)E <32ST-B Upper Disk ASSY>

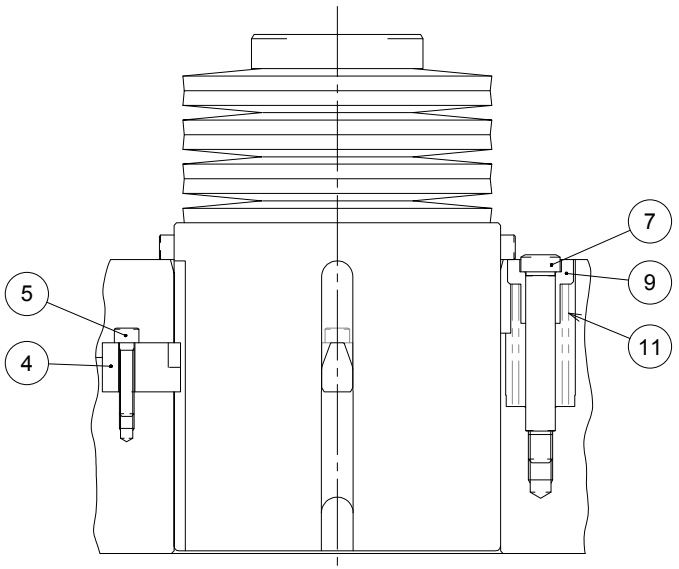
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03489---	32ST-B Disk ASSY Upper	Index 2-4	1
2	74901378 MA03491--A	32ST-B Upper Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



1/2″,1-1/4″



3-1/2″



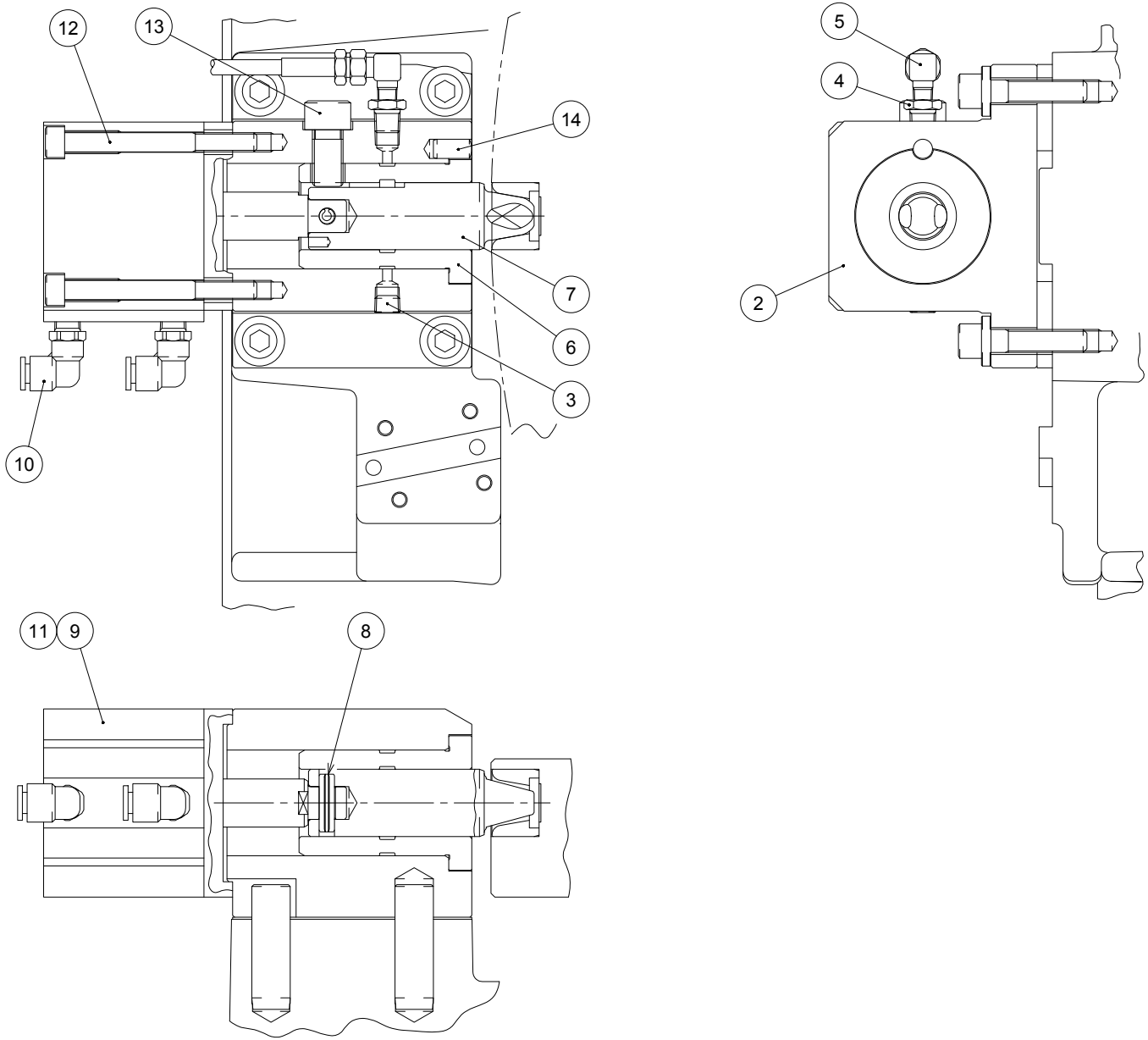
4-1/2″

(1) 32ST-B Tool ASSY

MA03494---
(MA00616---)
(6812834)
(6812833)

Unit No. 164 Turret AI(32ST-4AI)E <32ST-B Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03494---	32ST-B Tool ASSY	Index 2-11	1
2	74903475 / 3008133--A	1/2" Guide Key		26
3	74569852 / 6812865	3-1/2" Guide Key		1
4	74387448 / 7400914 B	4-1/2" Guide Key		1
5	74183614 / P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 / P330220009	Hex Socket Cap Screw / JIS	M6X20	26
7	74569846 / 3204978	Shoulder Screw		67
8	74165223 / 5500217 B	Lifter Collar		59
9	74165219 / 5501009 C	Lifter Ring		8
10	74569847 / 3200854	Spring 1/2"1-1/4"2"		59
11	74569851 / 3204979 A	Spring 3-1/2"4-1/2"		8



(1) Index Pin ASSY

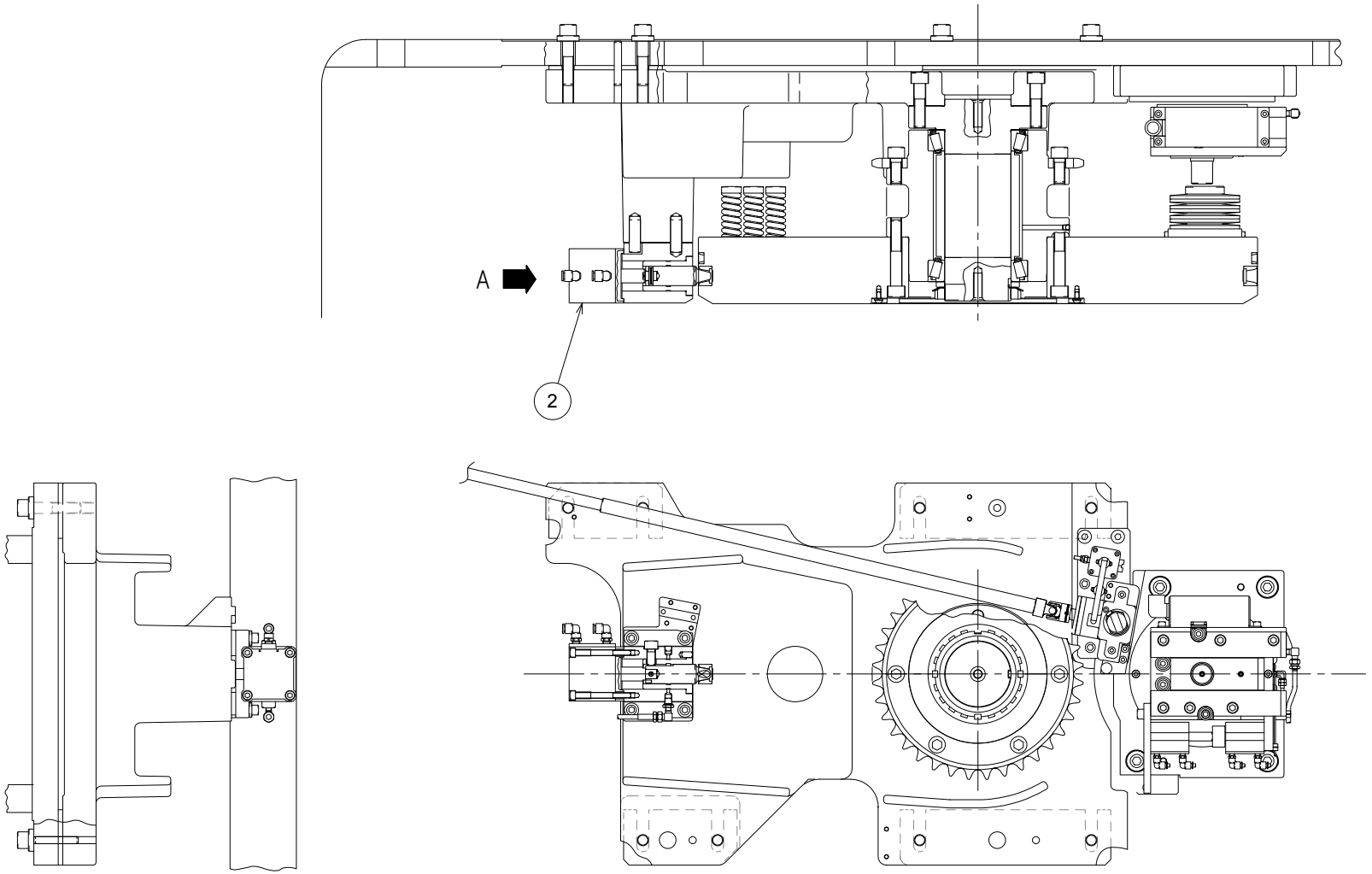
6875464
(6875460#1F)
(6875460#2C)

Unit No. 165 Turret AI(32ST-4AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

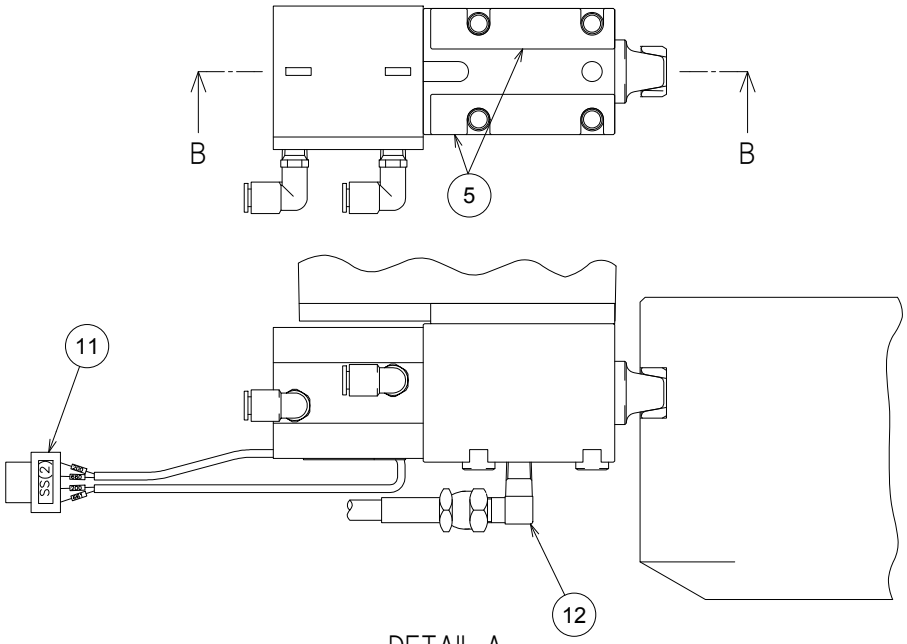
Unit No. 165 Turret AI(32ST-4AI)E <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1

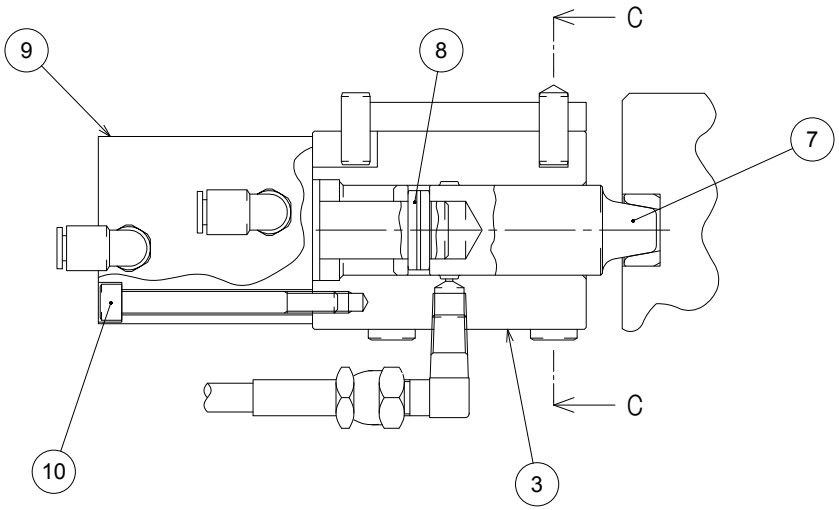


(1) Upper Base PDC ASSY

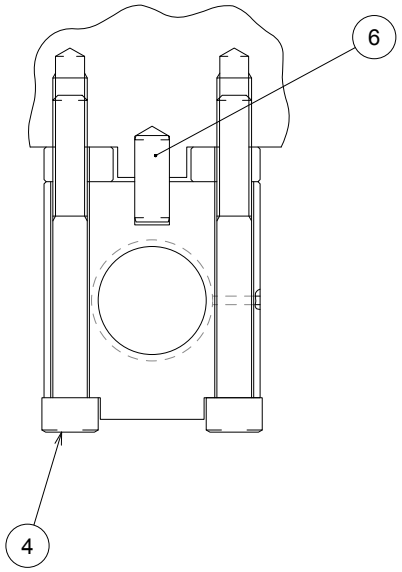
CE00571---
(6875470--H)



DETAIL A



SECTION B-B

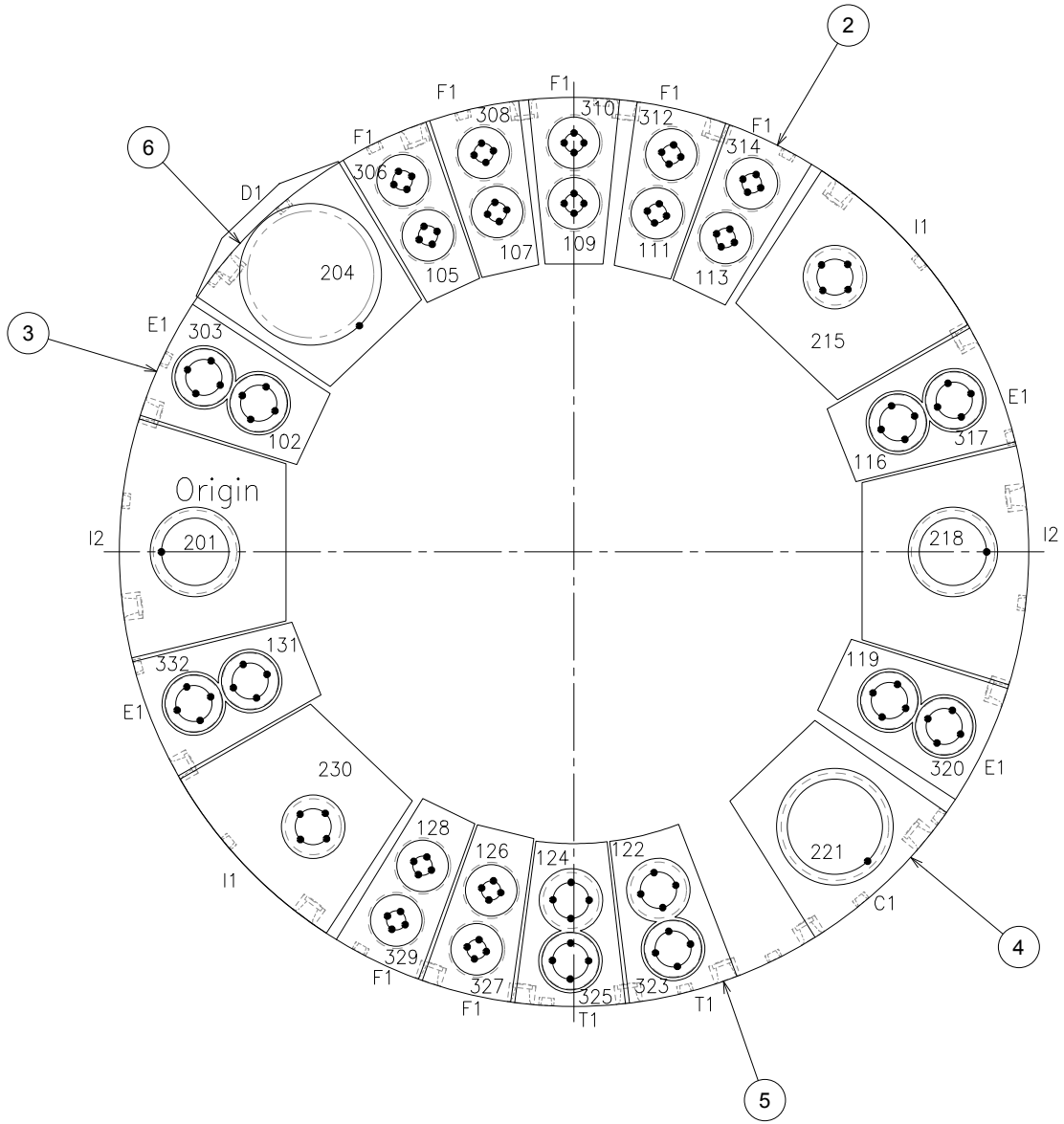


SECTION C-C

CE00571---
(6875470--H)

Unit No. 166 Turret AI(32ST-4AI)E <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1

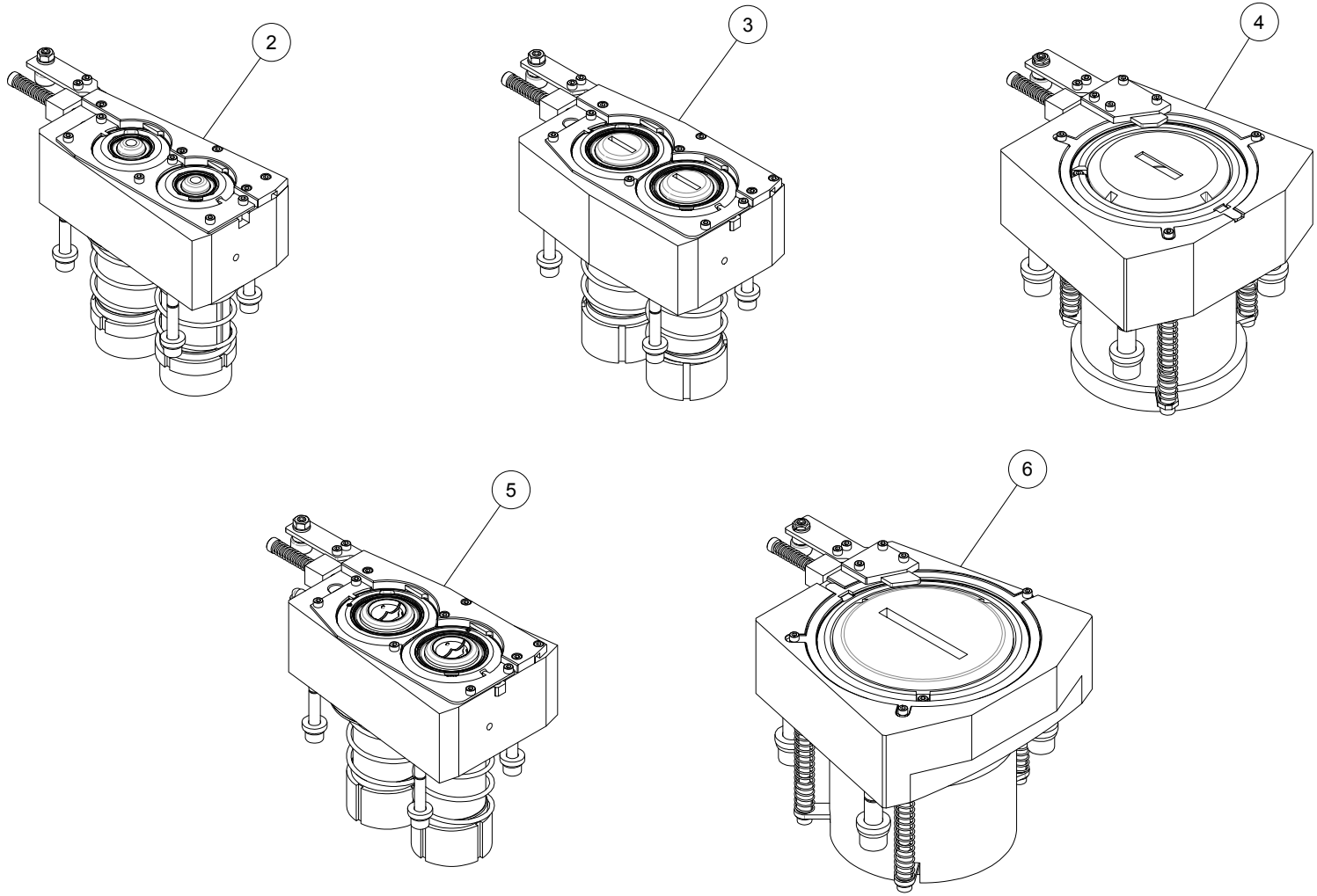


記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
D1	4·1/2"	MA00590--B	MA01277---	1	1
C1	3·1/2"	MA00252--A	MA00254---	1	1
E1	1·1/4"	MA00591--A	MA01267---	4	8
F1	1/2"	MA00569--A	MA00571---	7	14
I1	AI (1·1/4")		MA01267---	2	2
I2	AI (2")		MA00268---	2	2
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		32

(1) 32ST-B Lower Tool Kit

<32ST Die Holder Layout E>

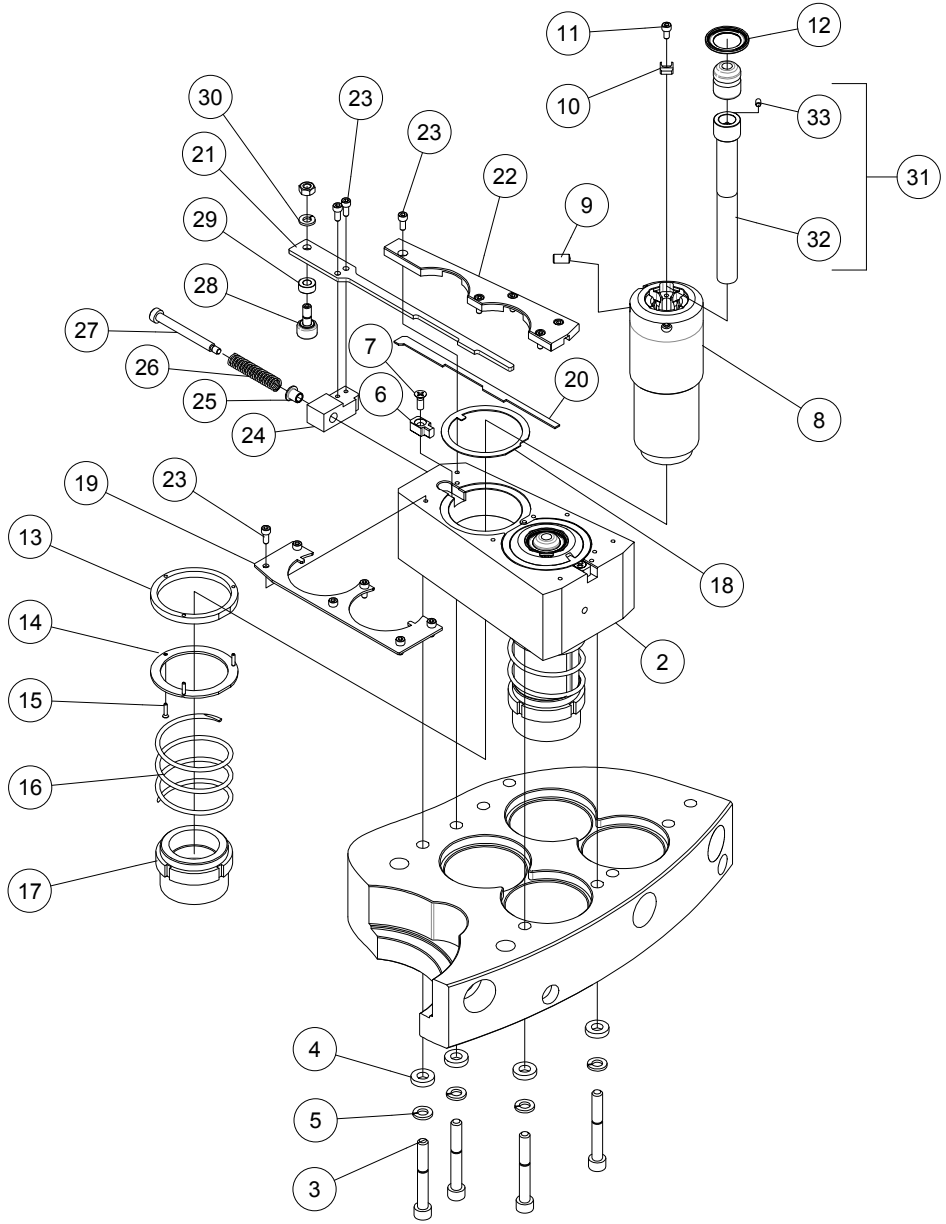
MA03490---
(MA03511---)



MA03490---

Unit No. 167 Turret AI(32ST-4AI)E <32ST-B Lower Tool Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03490---	32ST-B Lower Tool Kit	Index 2-6	1
2	74403007 MA08296---	1/2" Die Holder ASSY		7
3	74403008 MA08294---	1-1/4" Die Holder ASSY		4
4	74900746 MA00251--A	3-1/2" Die Holder ASSY		1
5	MA08301---	Tap Die Holder ASSY		2
6	74903503 MA00258--D	4-1/2" Die Holder ASSY		1



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 168 Turret AI(32ST-4AI)E <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

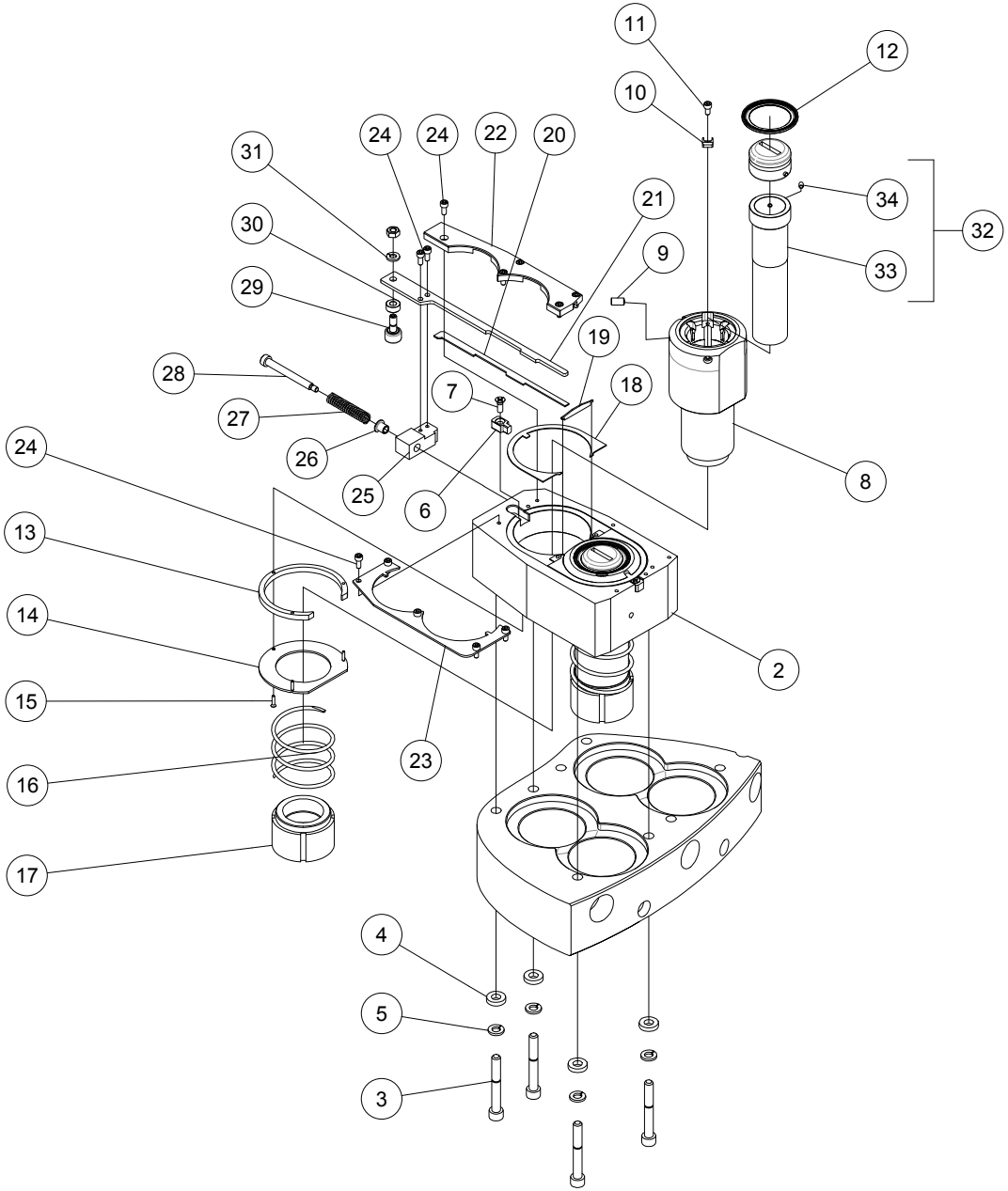
Unit No. 168 Turret AI(32ST-4AI)E <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 168 Turret AI(32ST-4AI)E <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	 Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1

Unit No. 169 Turret AI(32ST-4AI)E <1-1/4" Die Holder ASSY>



(1) 1-1/4" Die Holder ASSY

MA08294---

Unit No. 169 Turret AI(32ST-4AI)E <1-1/4" Die Holder ASSY>

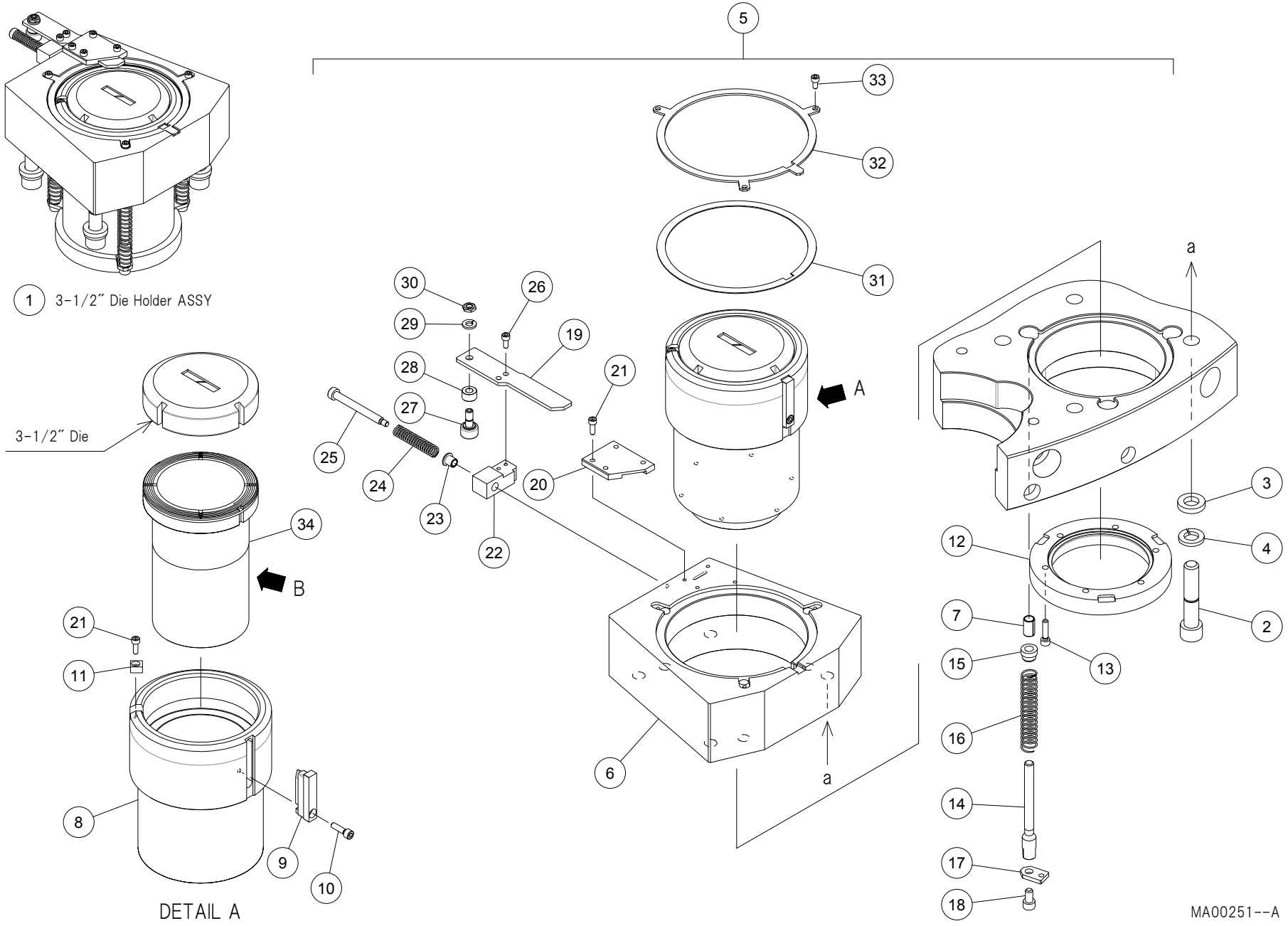
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

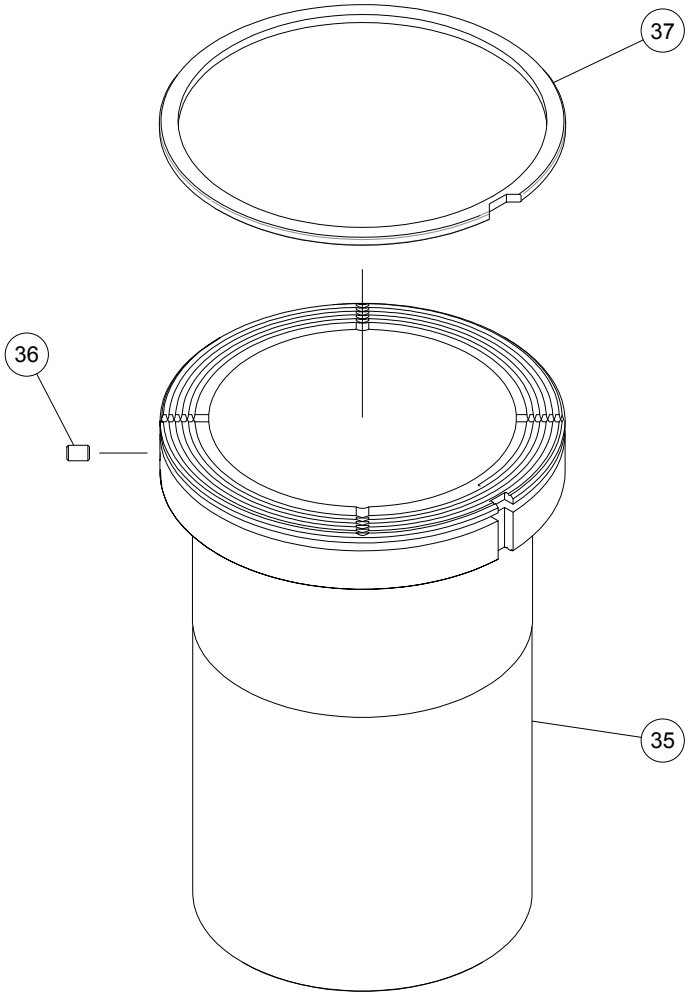
Unit No. 169 Turret AI(32ST-4AI)E <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 169 Turret AI(32ST-4AI)E <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	 7421419	Pin 1-1/4"		1


1 3-1/2″ Die Holder ASSY
3-1/2″ Die
DETAIL A
MA00251--A



DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 170 Turret AI(32ST-4AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900498 SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 MA00252--A	Die Holder 3-1/2"		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74900337 MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74900339 MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 170 Turret AI(32ST-4AI)E <3-1/2" Die Holder ASSY>

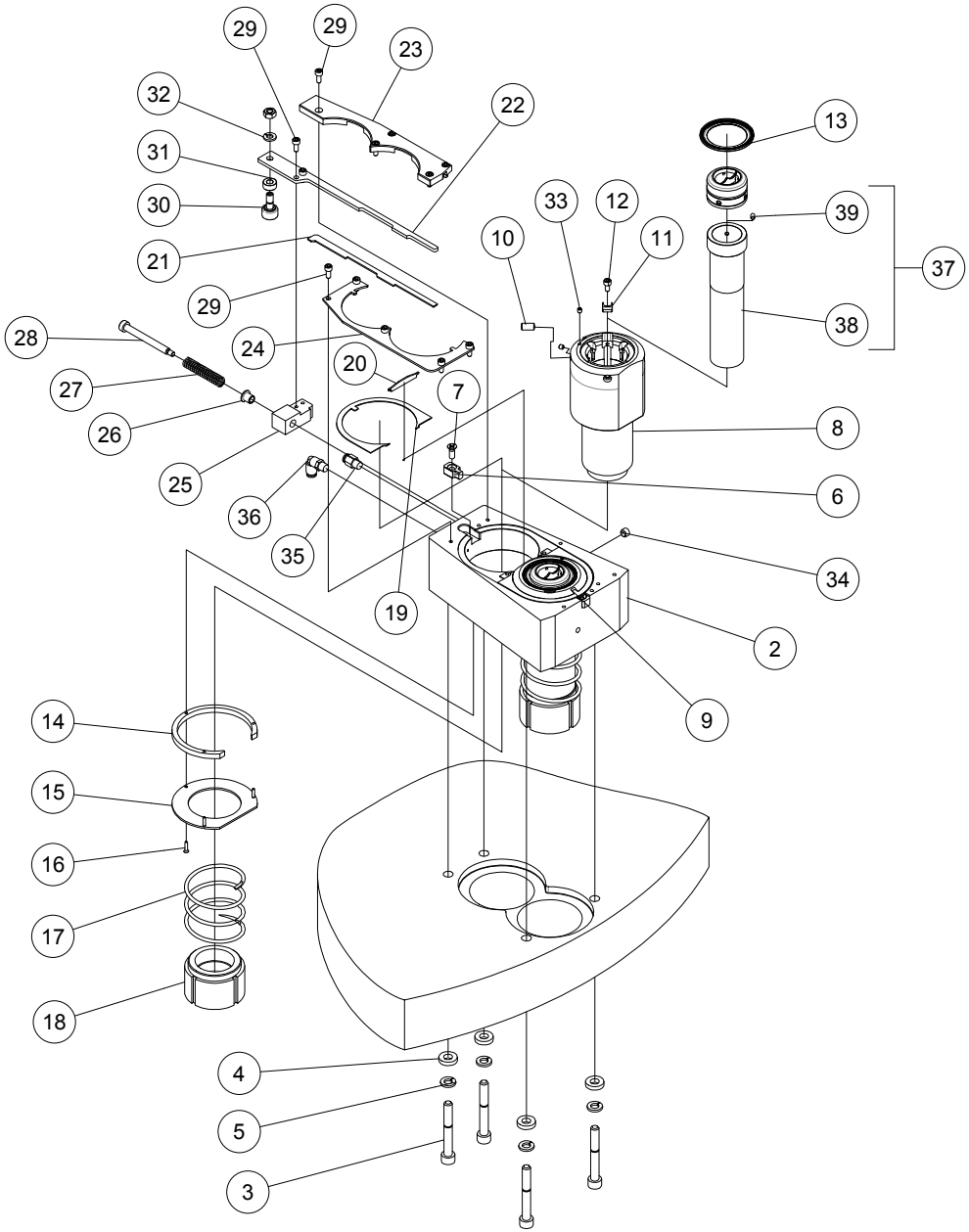
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

Unit No. 170 Turret AI(32ST-4AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 170 Turret AI(32ST-4AI)E <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1



(1) Tap Die Holder ASSY

MA08301---

Unit No. 171 Turret AI(32ST-4AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 171 Turret AI(32ST-4AI)E <Tap Die Holder ASSY>

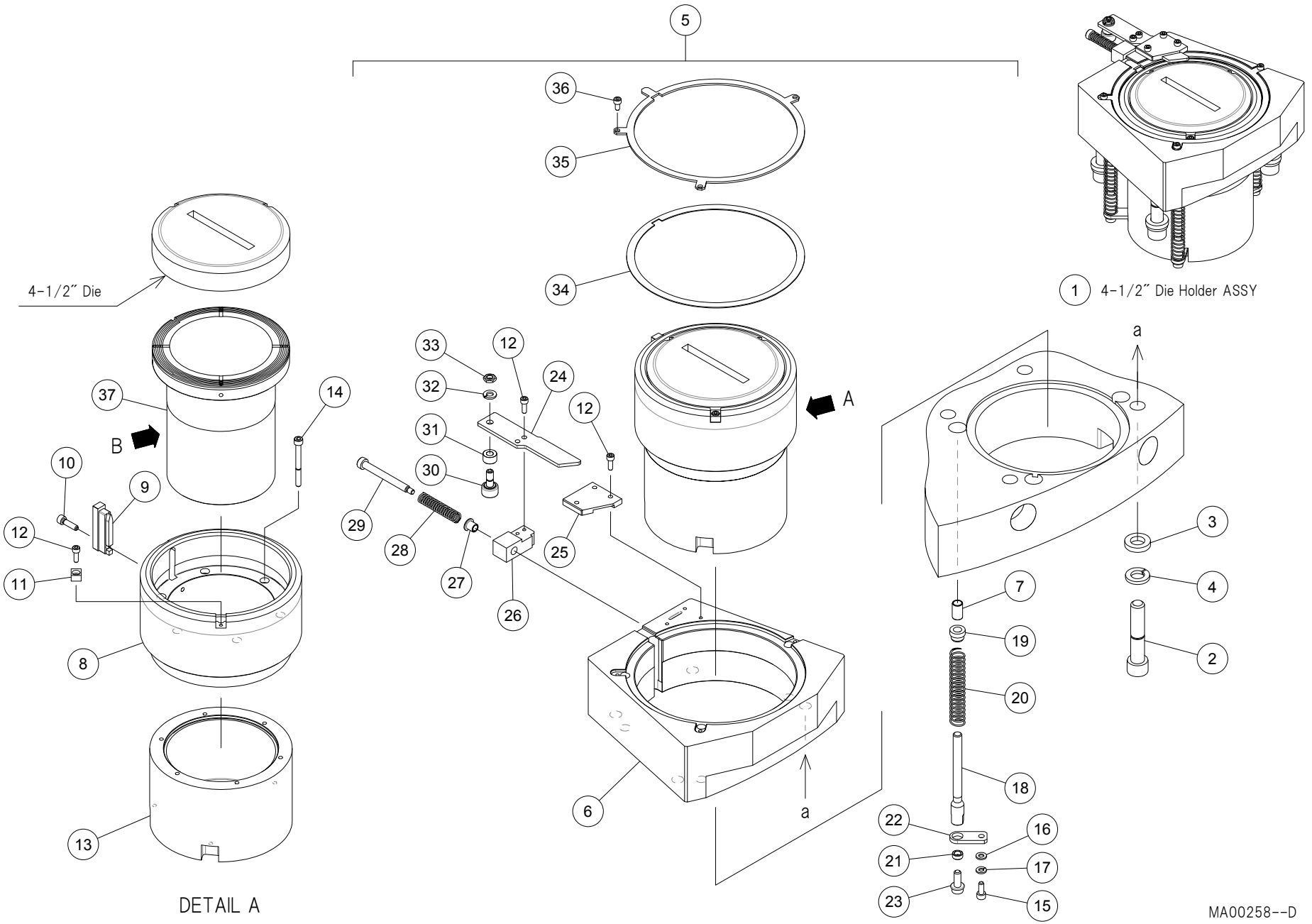
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

Unit No. 171 Turret AI(32ST-4AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

Unit No. 171 Turret AI(32ST-4AI)E <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1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4-1/2″ Die
1 4-1/2″ Die Holder ASSY
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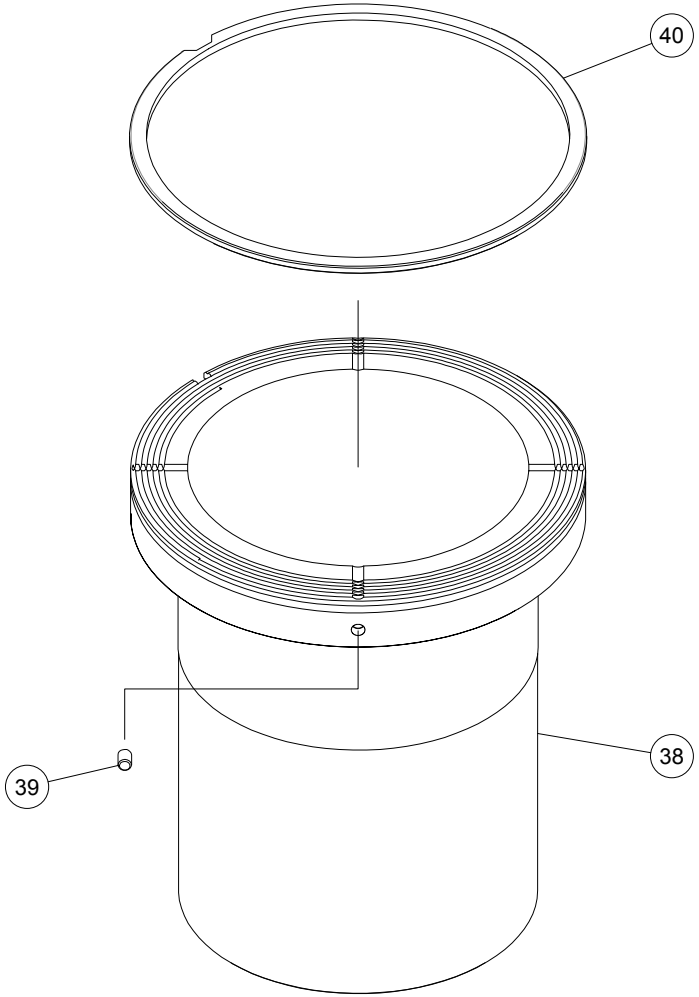
DETAIL A
MA00258--D



DETAIL B

(37) Ejector Pipe Kit 4-1/2

MA02415---

Unit No. 172 Turret AI(32ST-4AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903503 MA00258--D	4-1/2" Die Holder ASSY	Index 2-40	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74402979 SPT0063--A	4-1/2" Die Holder ASSY	MA00590--BMA01275--AMA00595---MA02415--- & other Index 6-40	1
6	74900505 MA00590--B	4-1/2" Die Holder		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74402980 MA01275--A	Lifter Pipe 4-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74314403 P330210006	Hex Socket Cap Screw	M5X15	6

Unit No. 172 Turret AI(32ST-4AI)E <4-1/2" Die Holder ASSY>

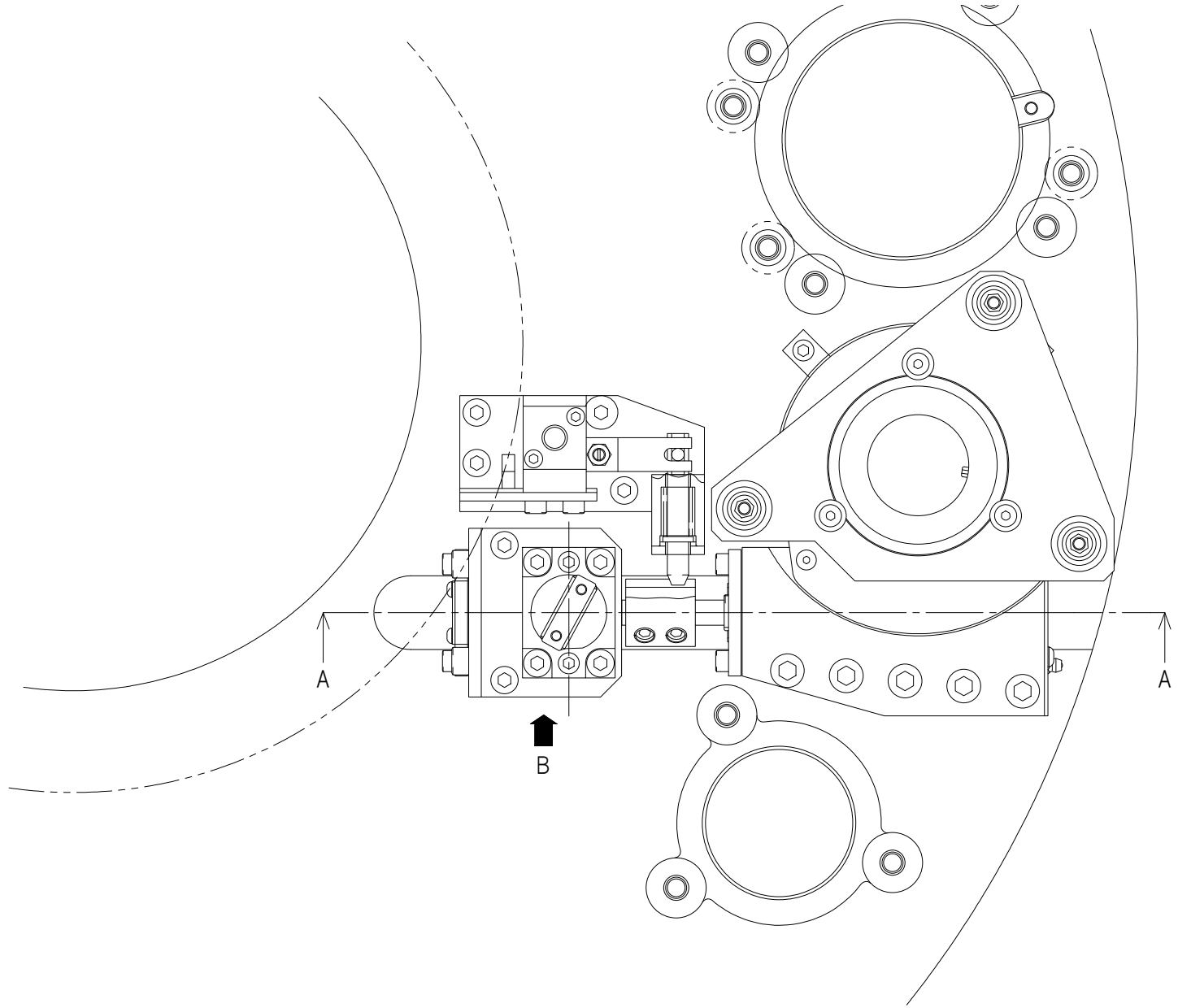
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900506 MA00595---	Lifter Ring 4-1/2"		1
14	74354328 P330220018	Hex Socket Cap Screw	M6X60	6
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
16	74159714 P336000005	Washer JIS	6(Normal)	3
17	74178737 P336050005	Spring Washer JIS	6	3
18	74900443 MA01278--A	Guide Shaft		3
19	74900444 MA01279--A	Spring Collar		3
20	74900446 MA01283---	Return Spring 3-1/2"		3
21	74402981 P336238284	Washer MISUMI	WSSB12-8-5	3
22	74900513 MA04624--A	Spring Block 4-1/2"		3
23	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
24	74900510 MA01281---	Slide Stopper 4-1/2"		1

Unit No. 172 Turret AI(32ST-4AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900511 MA01282---	Slide Stopper Holder 4-1/2"		1
26	74900448 MA01285---	Guide Holder		1
27	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
28	74900347 MA00287---	Spring		1
29	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900447 MA01284---	Color 3-1/2"		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74722743 P332000018	Nut JIS	M8(Thin)	1
34	74900504 MA00272---	Cover Seal 4-1/2"		1
35	74900507 MA00837---	Seal Cover 4-1/2"		1
36	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

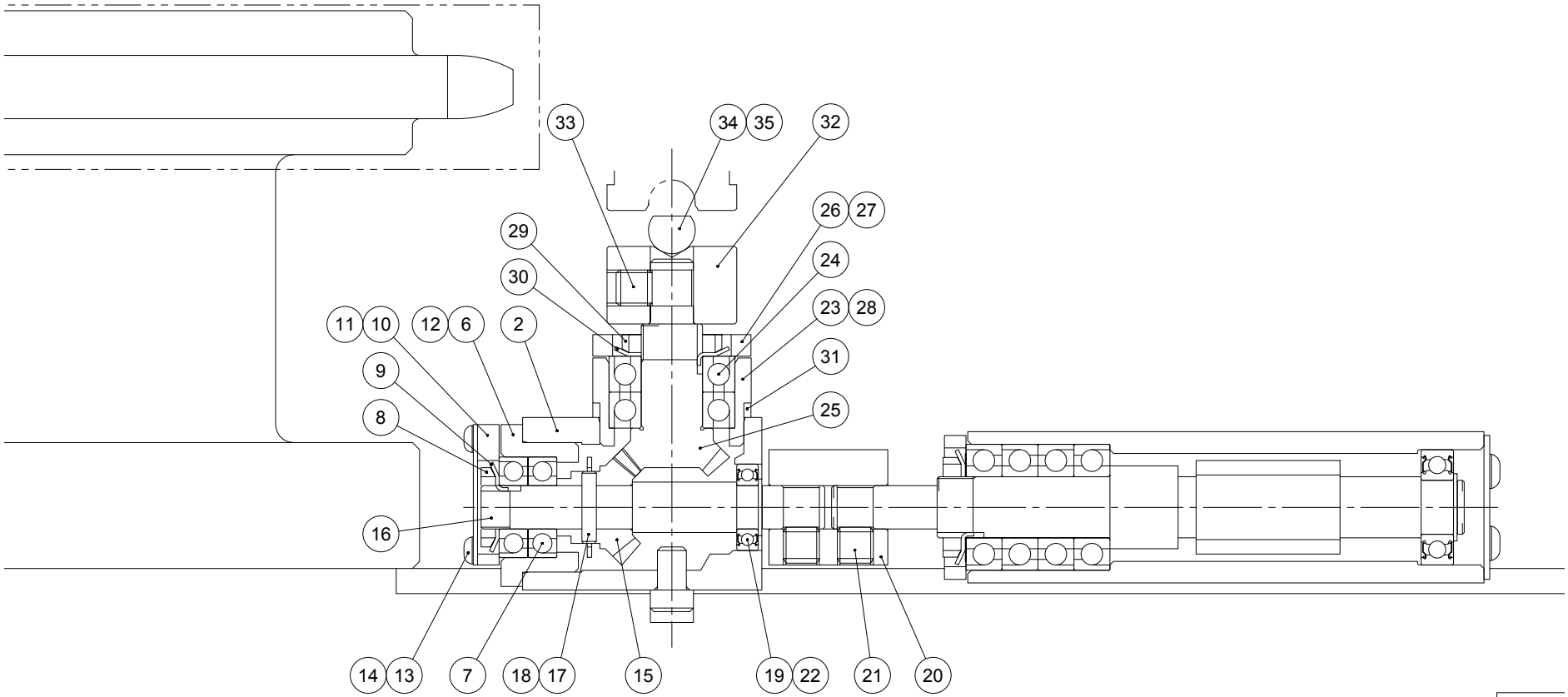
Unit No. 172 Turret AI(32ST-4AI)E <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900512 MA02415---	Ejector Pipe Kit 4-1/2	 Index 38-40	1
38	74900509 MA01277---	Ejector Pipe 4-1/2"	 	1
39	 7421419	Pin 1-1/4"	 	1
40	74900503 7831168---	Soft Wiper 4-1/2" SAKAGAMI	BHH-0158703F001 	1



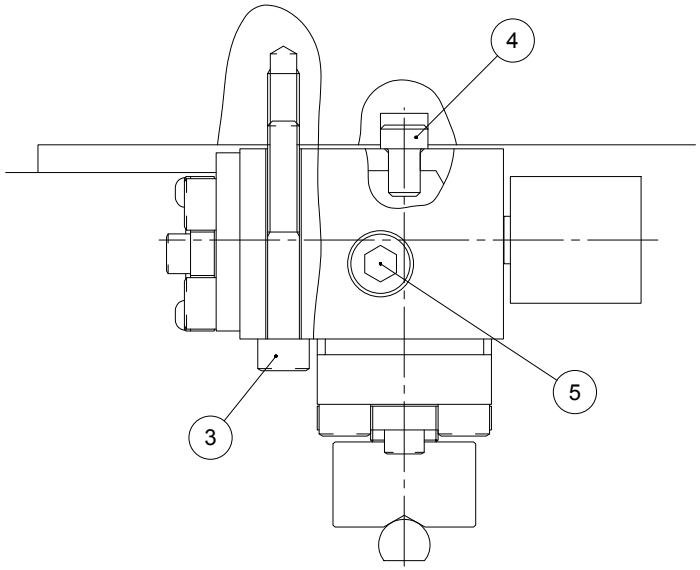
(1) Turret Drive ASSY Upper

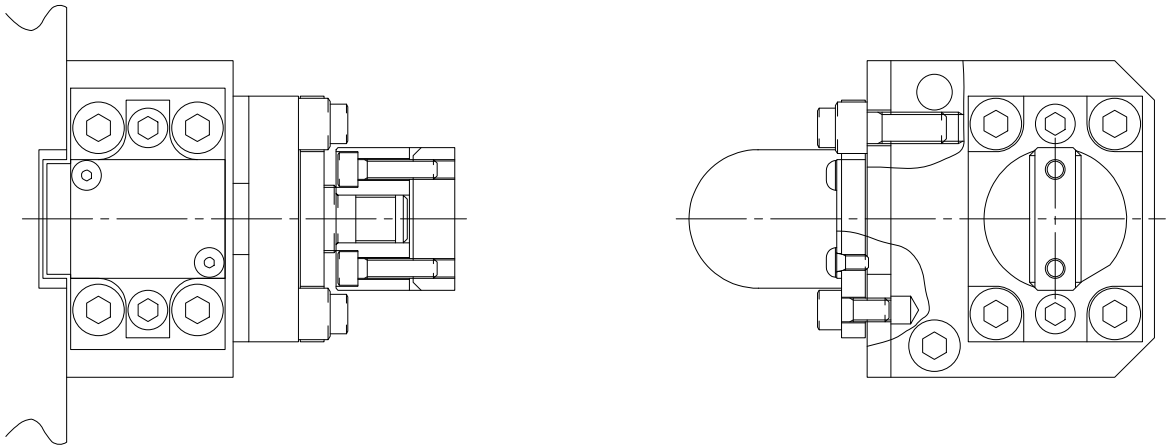
6813105 D



SECTION A-A

6813105 D





DETAIL B

6813105 D

Unit No. 173 Turret AI(32ST-4AI)E <Turret Drive ASSY Upper>

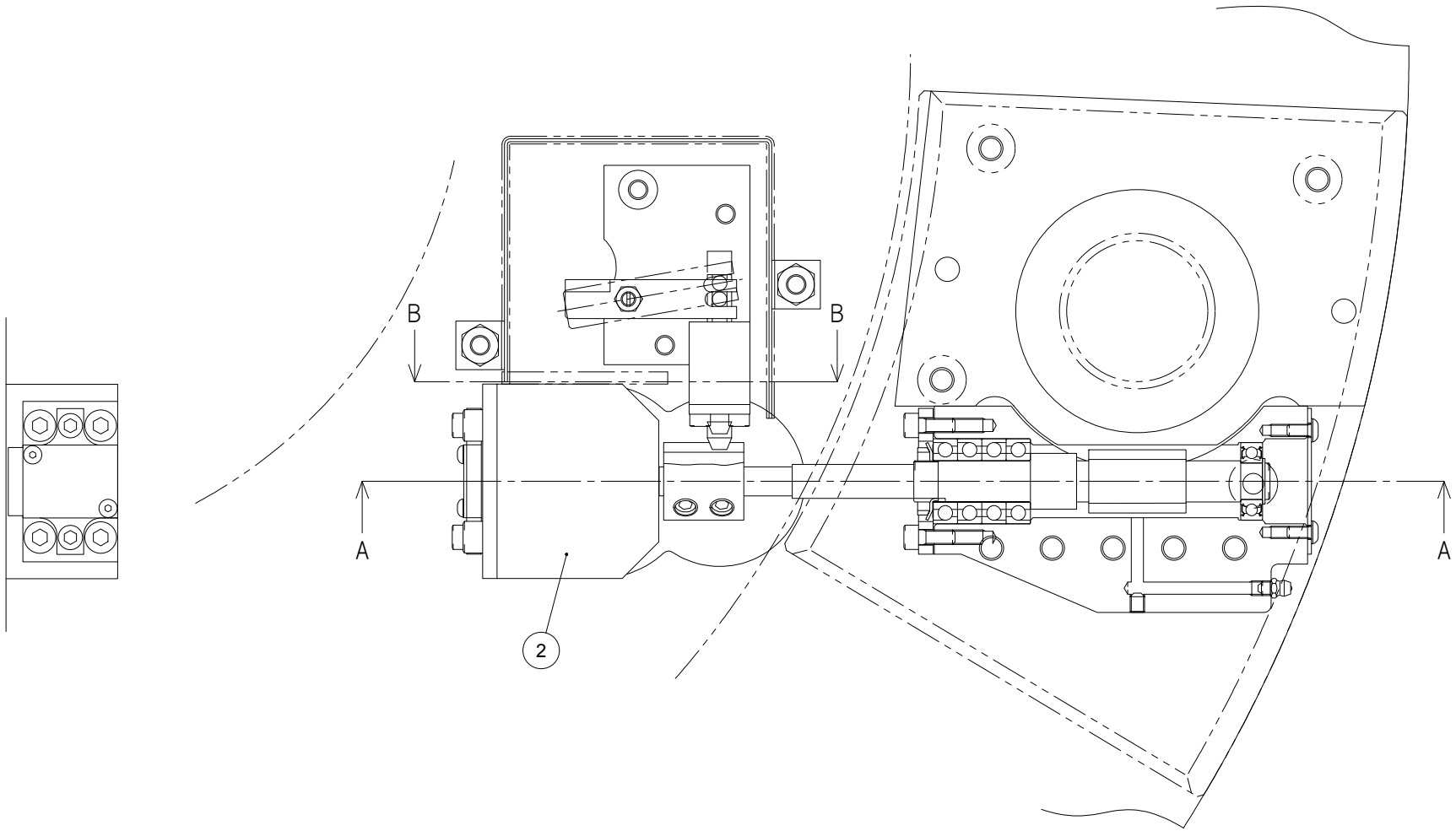
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	 Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 173 Turret AI(32ST-4AI)E <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

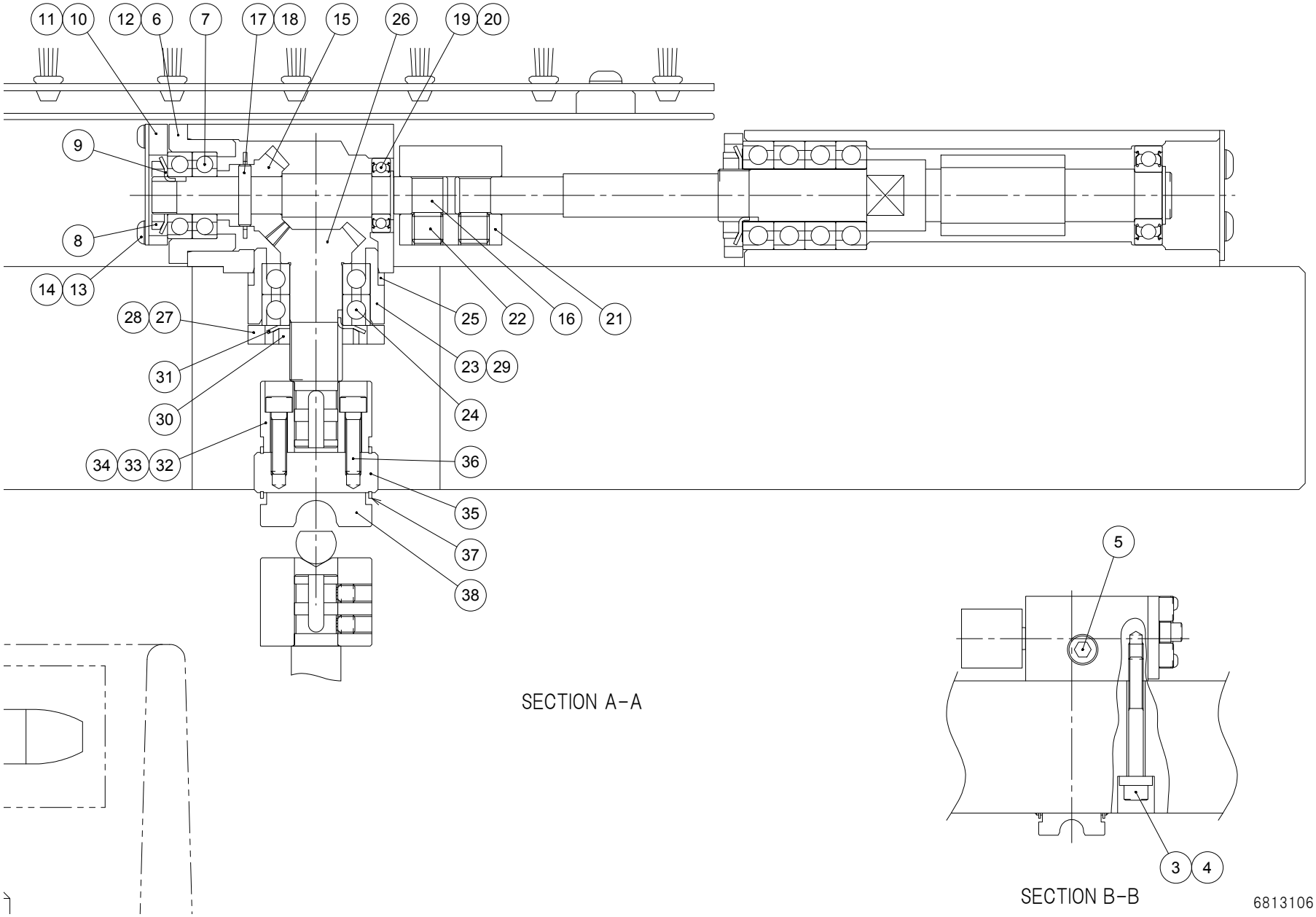
Unit No. 173 Turret AI(32ST-4AI)E <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2



(1) Turret Drive ASSY Lower

6813106 D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SECTION A-A
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SECTION B-B
6813106 D

Unit No. 174 Turret AI(32ST-4AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	 Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 174 Turret AI(32ST-4AI)E <Turret Drive ASSY Lower>

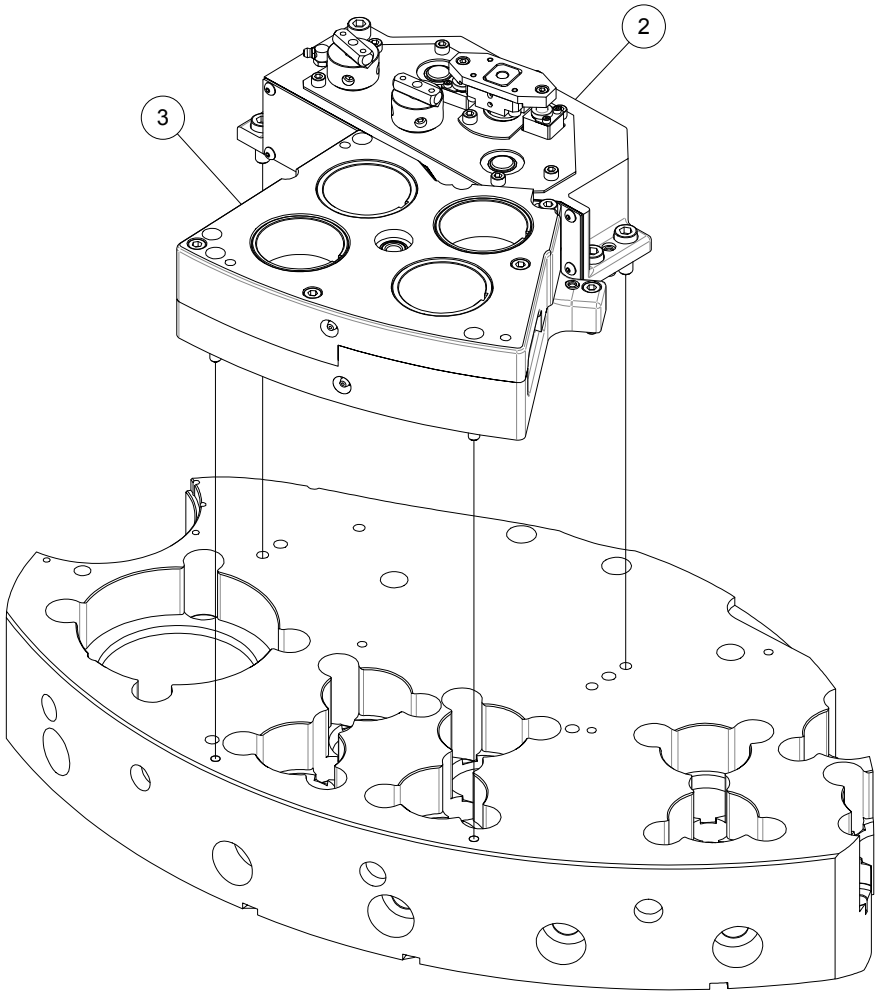
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

Unit No. 174 Turret AI(32ST-4AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 174 Turret AI(32ST-4AI)E <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
38	74379584 6501943 B	Clamp Shaft		1

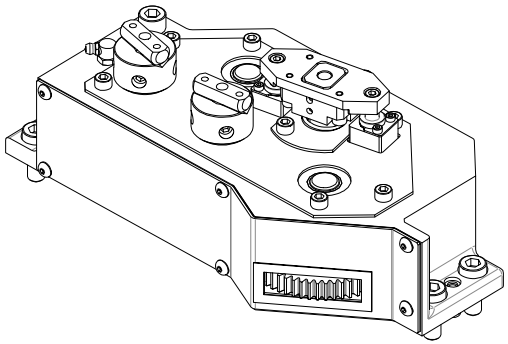


(1) Built in Tap ASSY

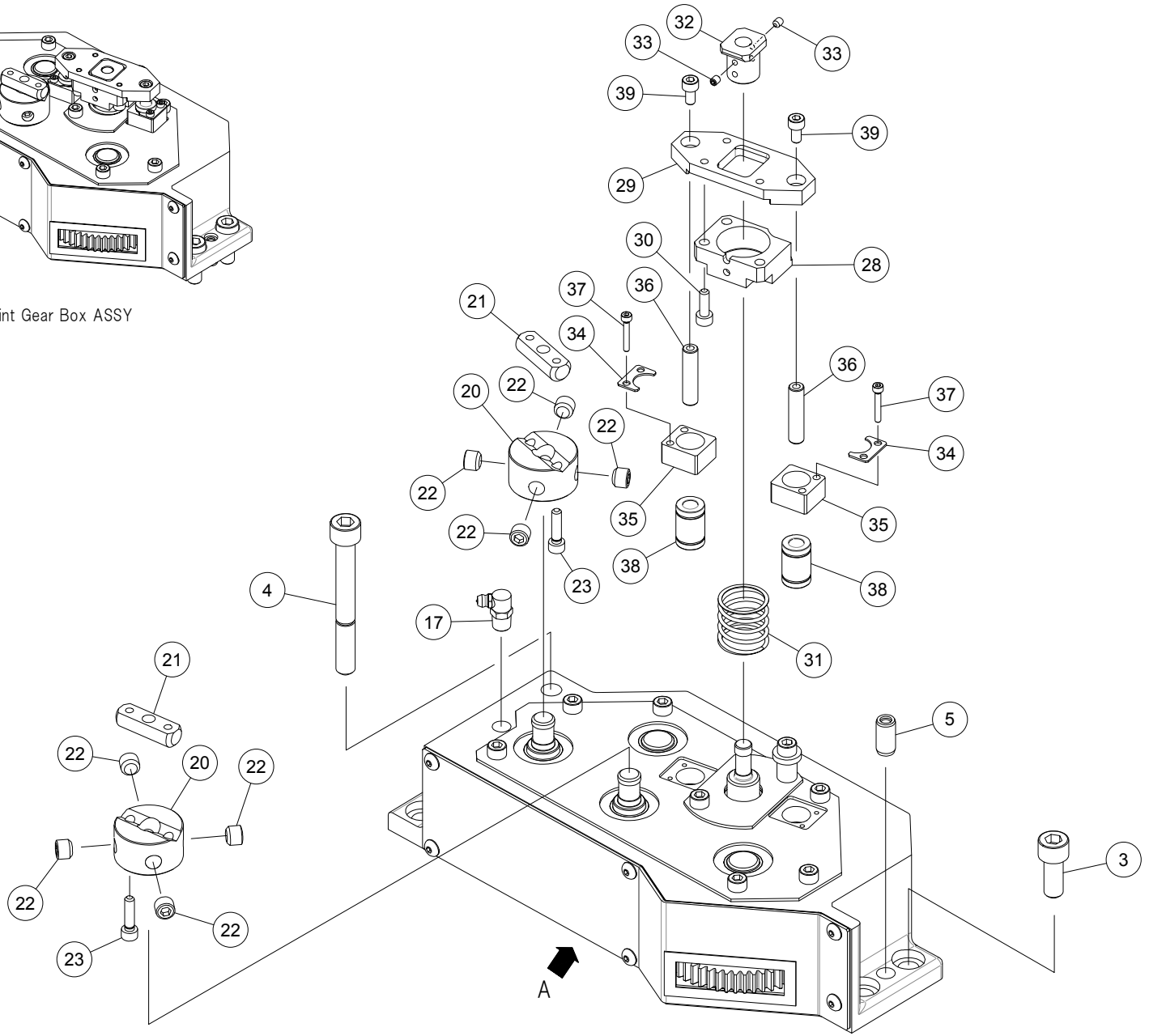
MA00867---
(MA00855---)
(3804910--B)

Unit No. 175 Turret AI(32ST-4AI)E <Built in Tap ASSY>

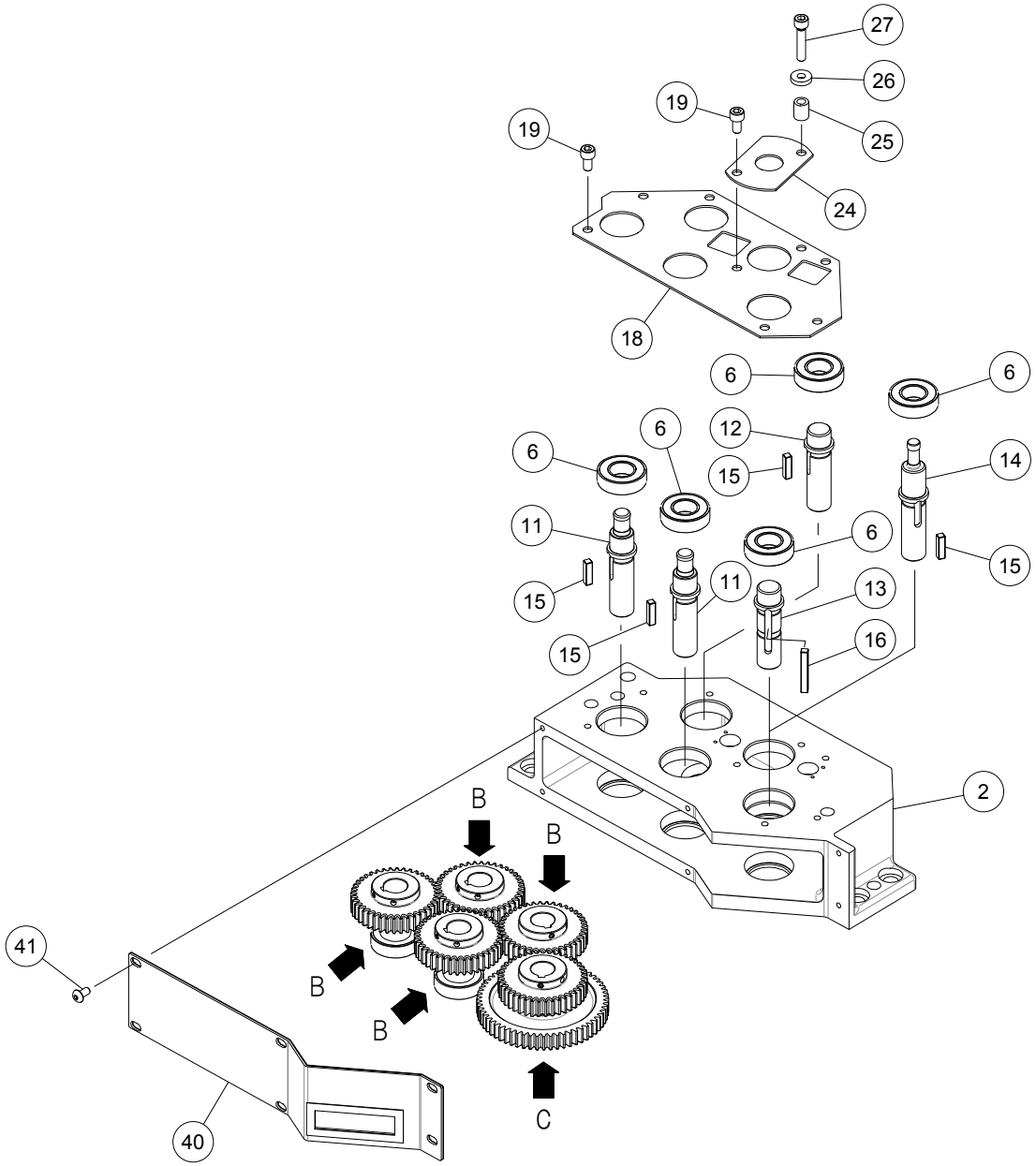
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 / MA00855---	Point Gear Box ASSY		1
3	74900319 / 3804910--B	Tool Gear Box ASSY		1



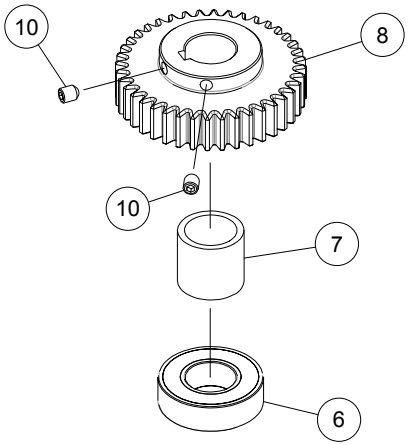
(1) Point Gear Box ASSY



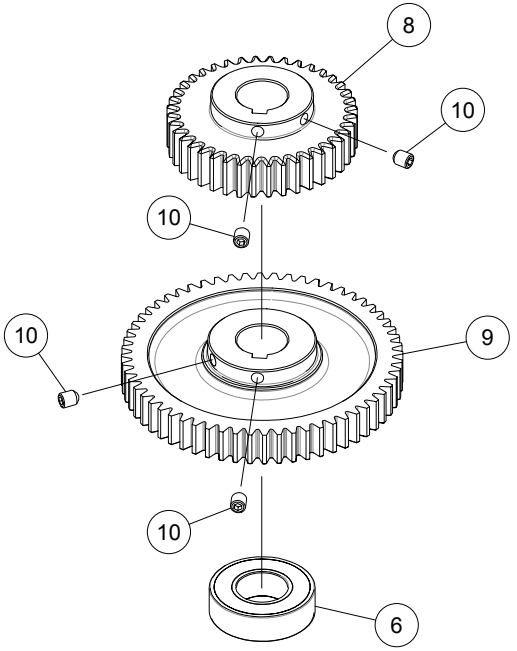
MA00855---



DETAIL A



DETAIL B



DETAIL C

MA00855---

Unit No. 176 Turret AI(32ST-4AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 176 Turret AI(32ST-4AI)E <Point Gear Box ASSY>

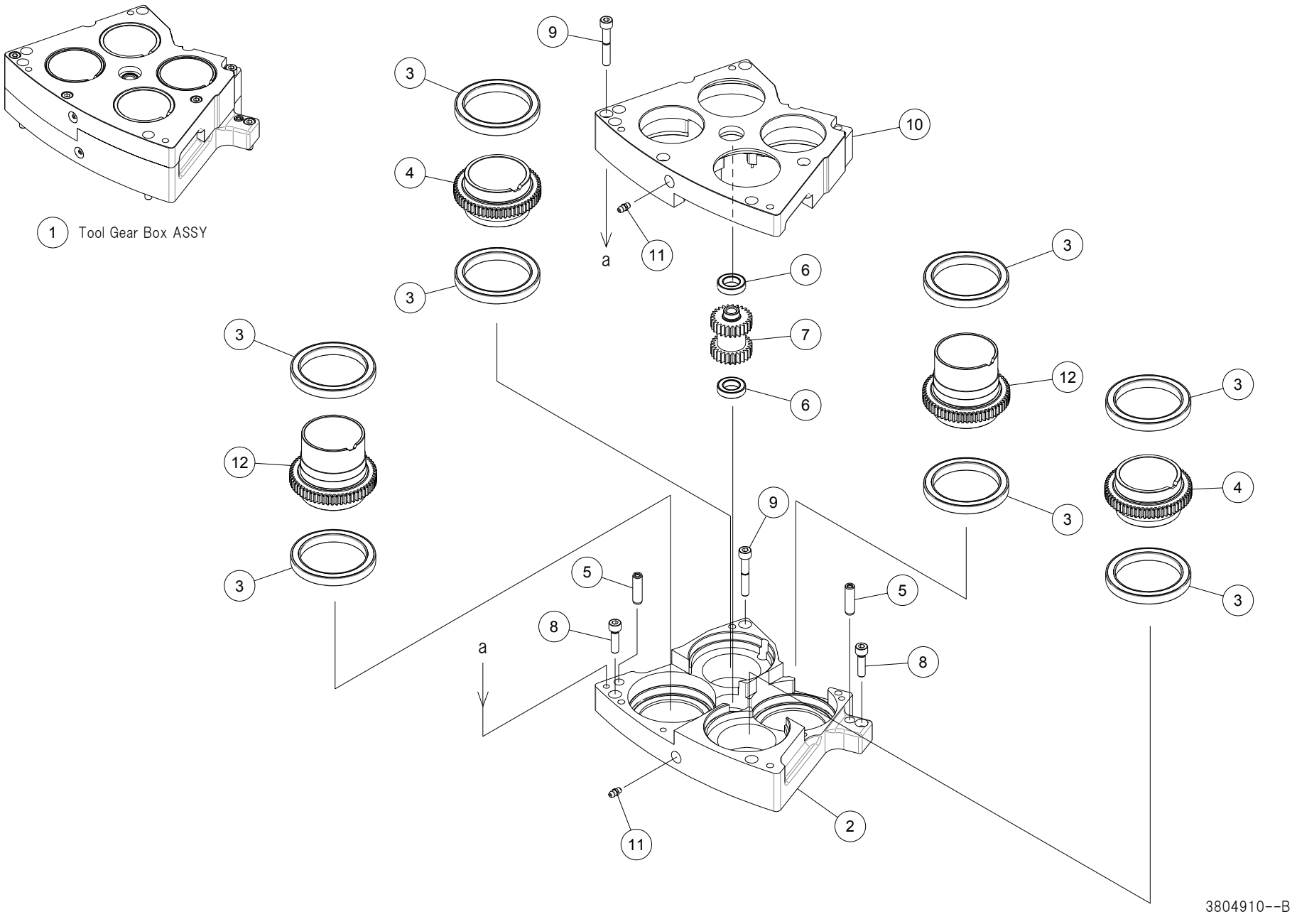
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

Unit No. 176 Turret AI(32ST-4AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 176 Turret AI(32ST-4AI)E <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 / P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 / P446002014	LM Guide / THK	LM8UU	2
39	74183604 / P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 / MA00844---	Seal Cover		1
41	74183301 / P334500009	Button Head Screw	M5X10	6


1 Tool Gear Box ASSY
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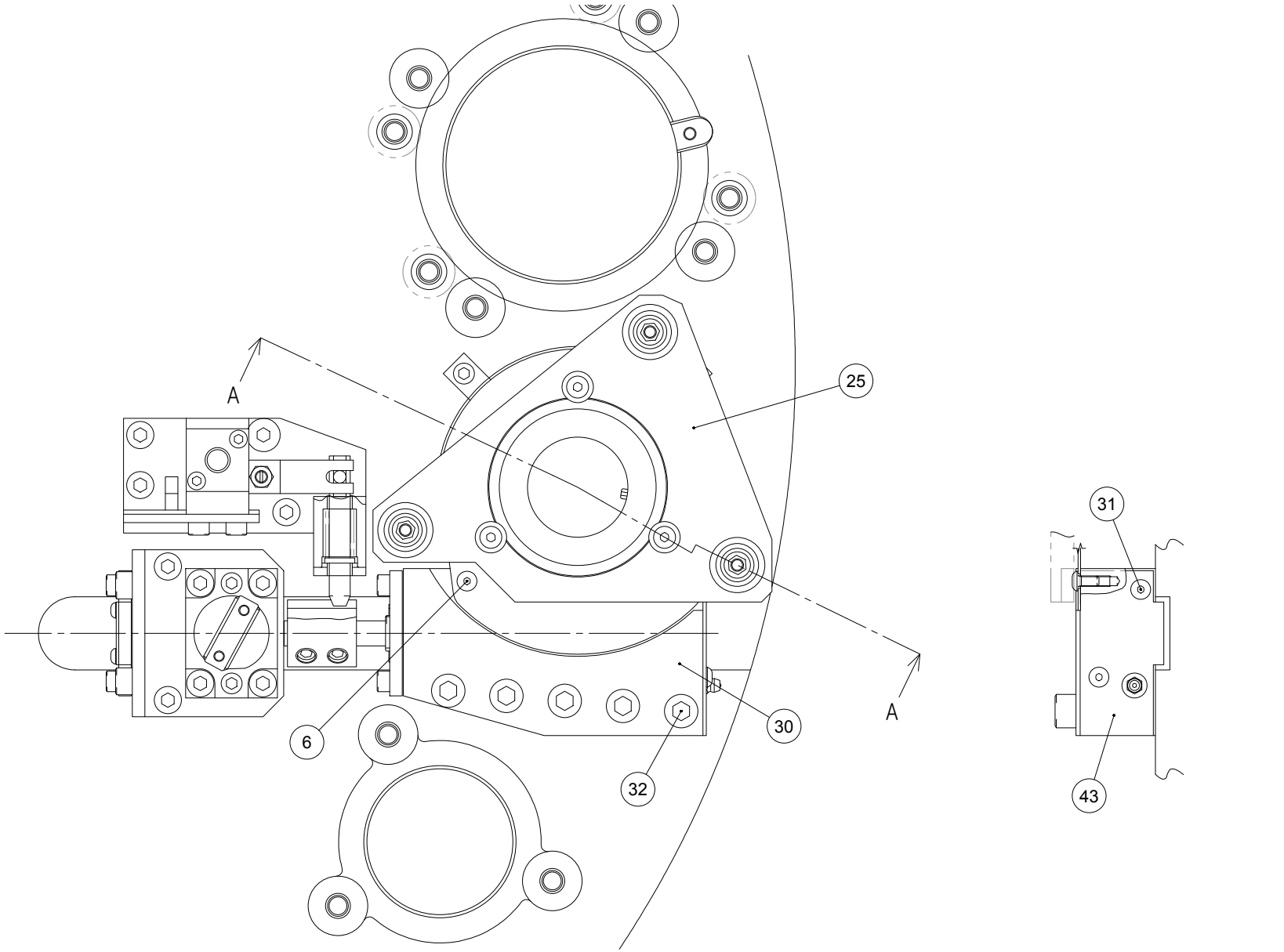
3804910--B

Unit No. 177 Turret AI(32ST-4AI)E <Tool Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

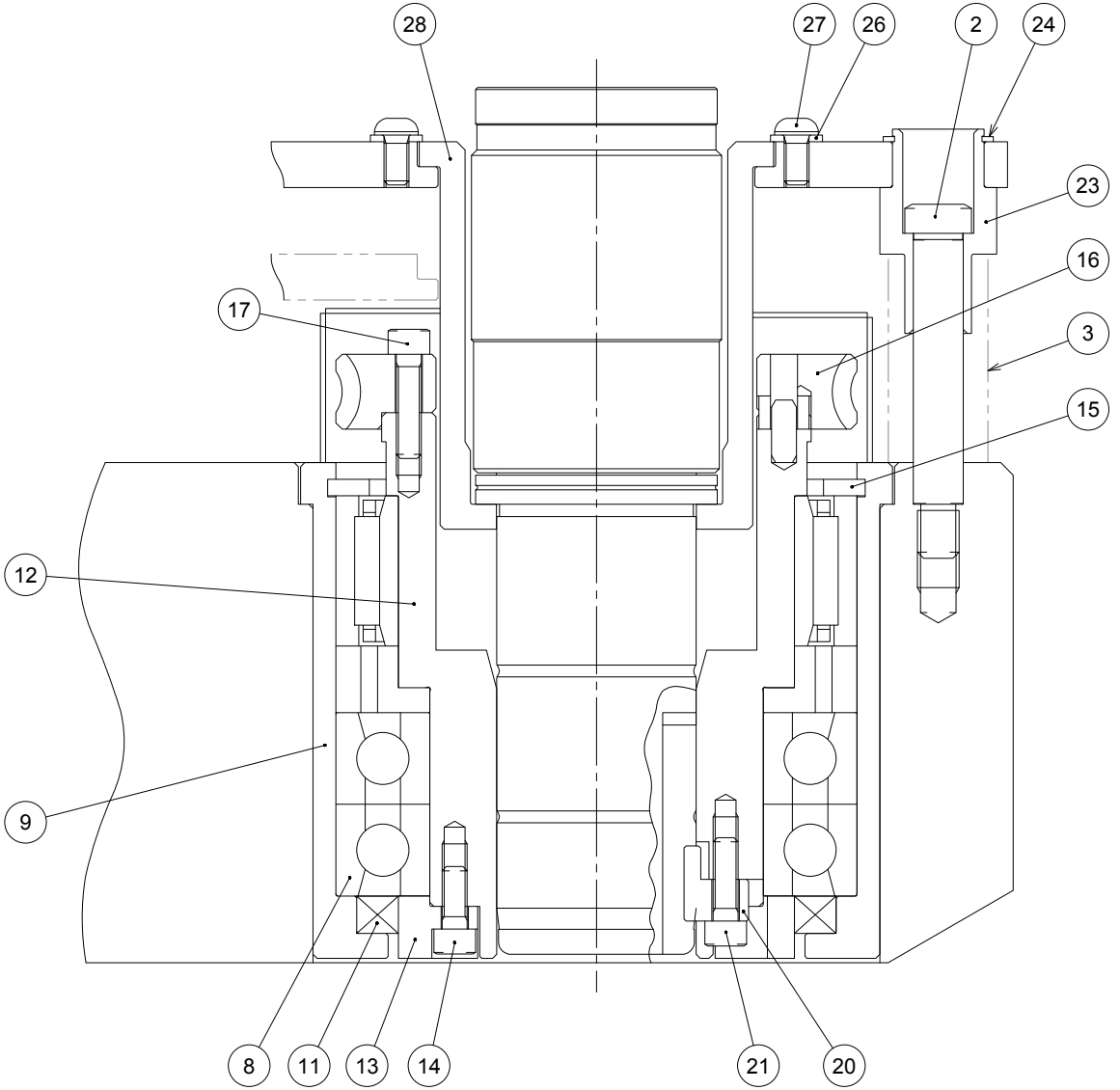
Unit No. 177 Turret AI(32ST-4AI)E <Tool Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

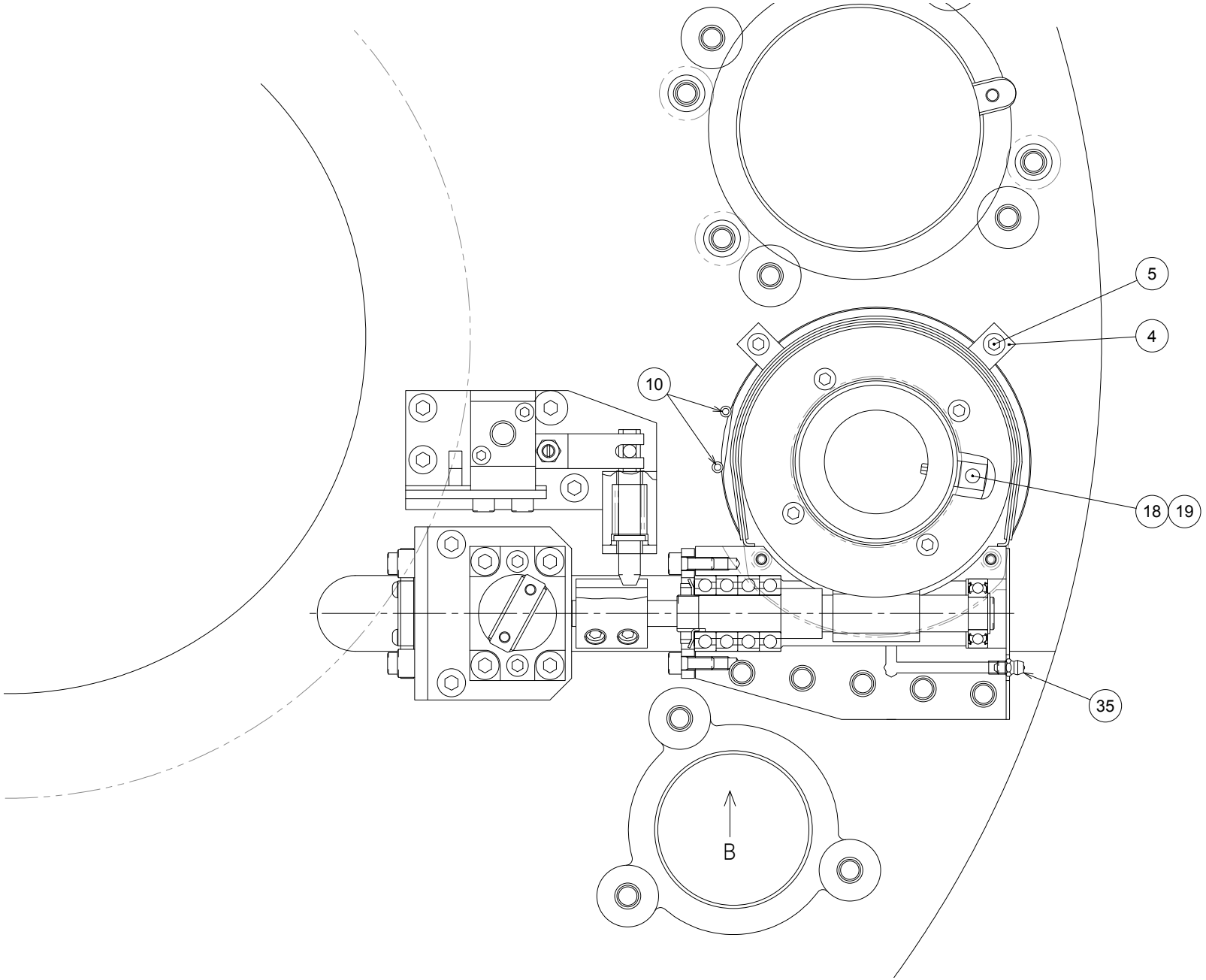
6875440--C



(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C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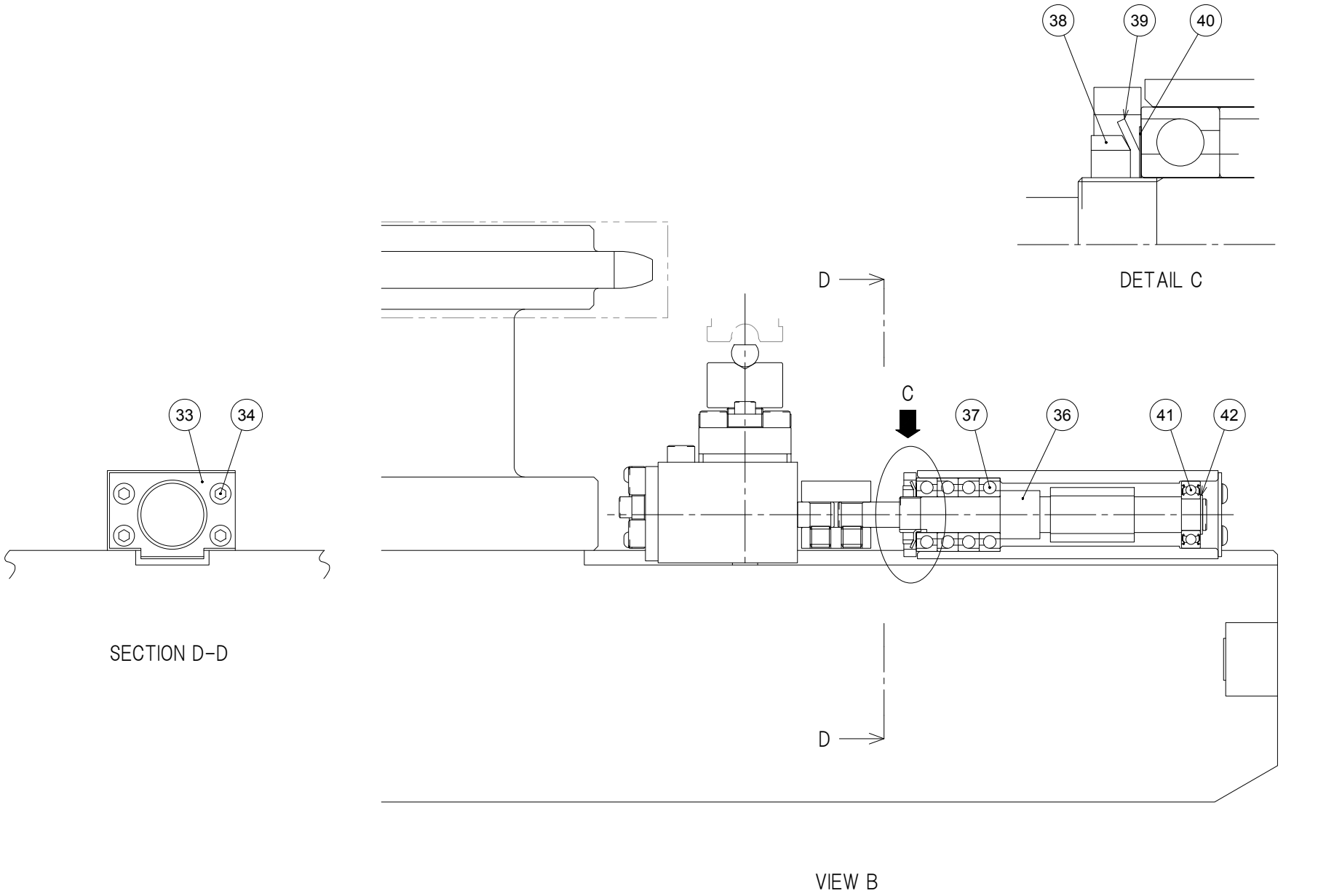
6875440--C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DETAIL C
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42
SECTION D-D
D
VIEW B
6875440--C

Unit No. 178 Turret AI(32ST-4AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 178 Turret AI(32ST-4AI)E <1-1/4" AI Turret ASSY Upper>

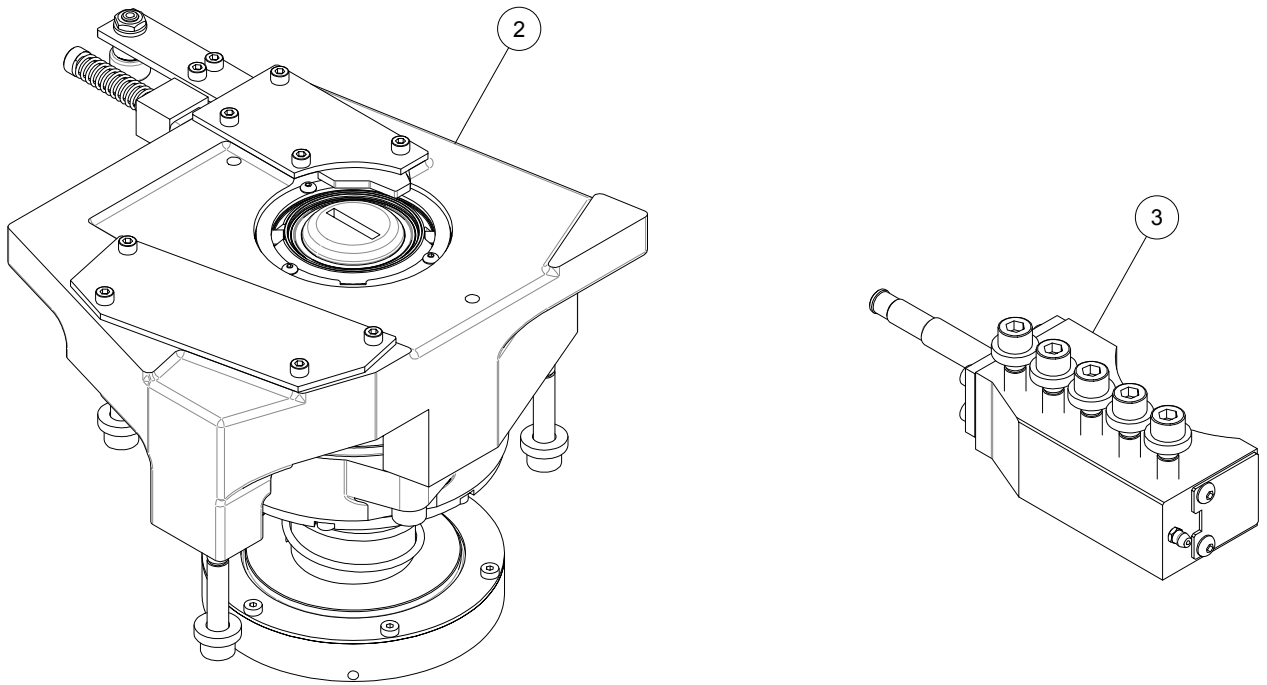
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 178 Turret AI(32ST-4AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 178 Turret AI(32ST-4AI)E <1-1/4" AI Turret ASSY Upper>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74322202 6501959	Cover		1

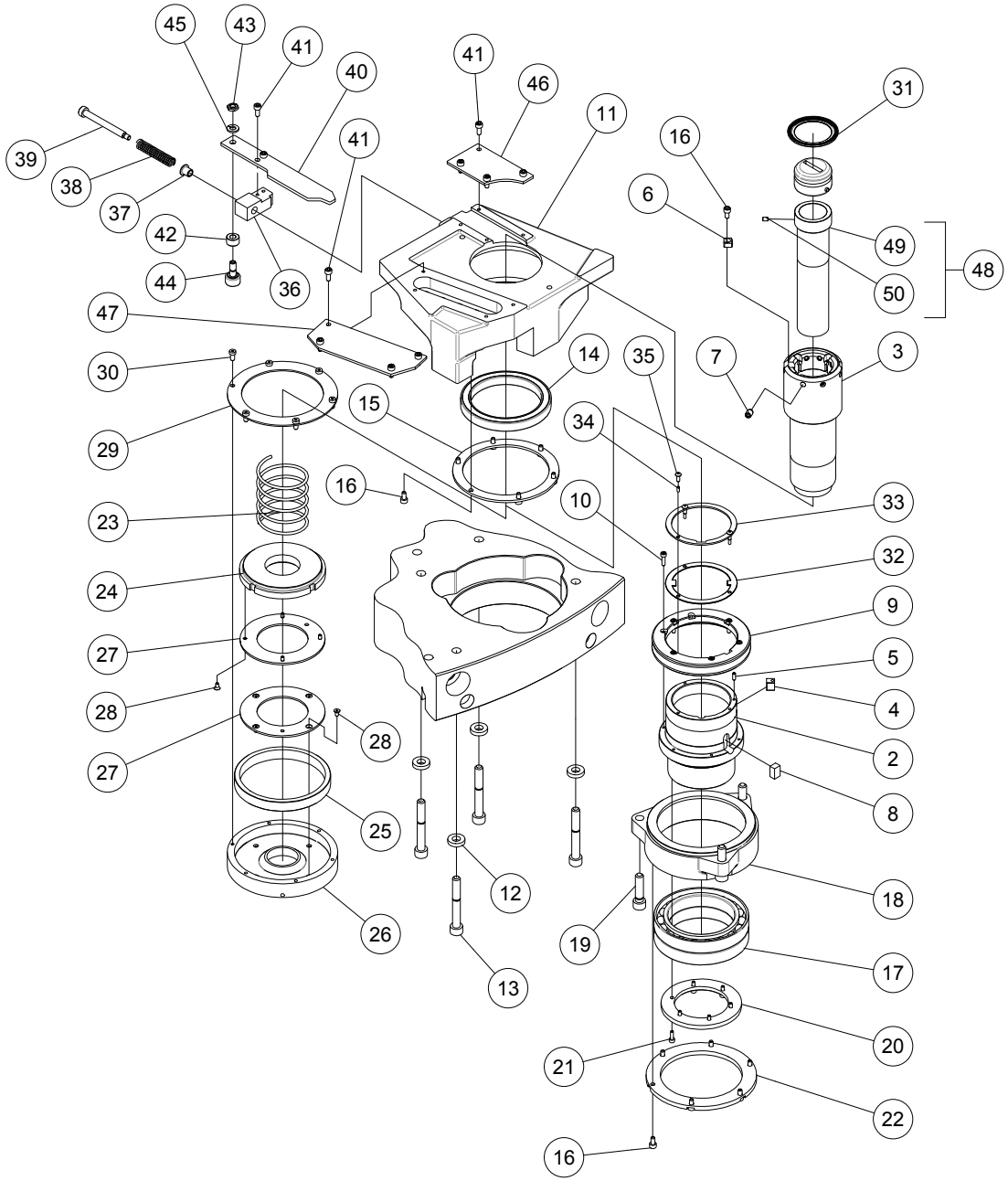


(1) 1-1/4"AI Turret ASSY Lower

MA08305---

Unit No. 179 Turret AI(32ST-4AI)E <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 180 Turret AI(32ST-4AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 180 Turret AI(32ST-4AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 180 Turret AI(32ST-4AI)E <Bearing Holder L1 ASSY>

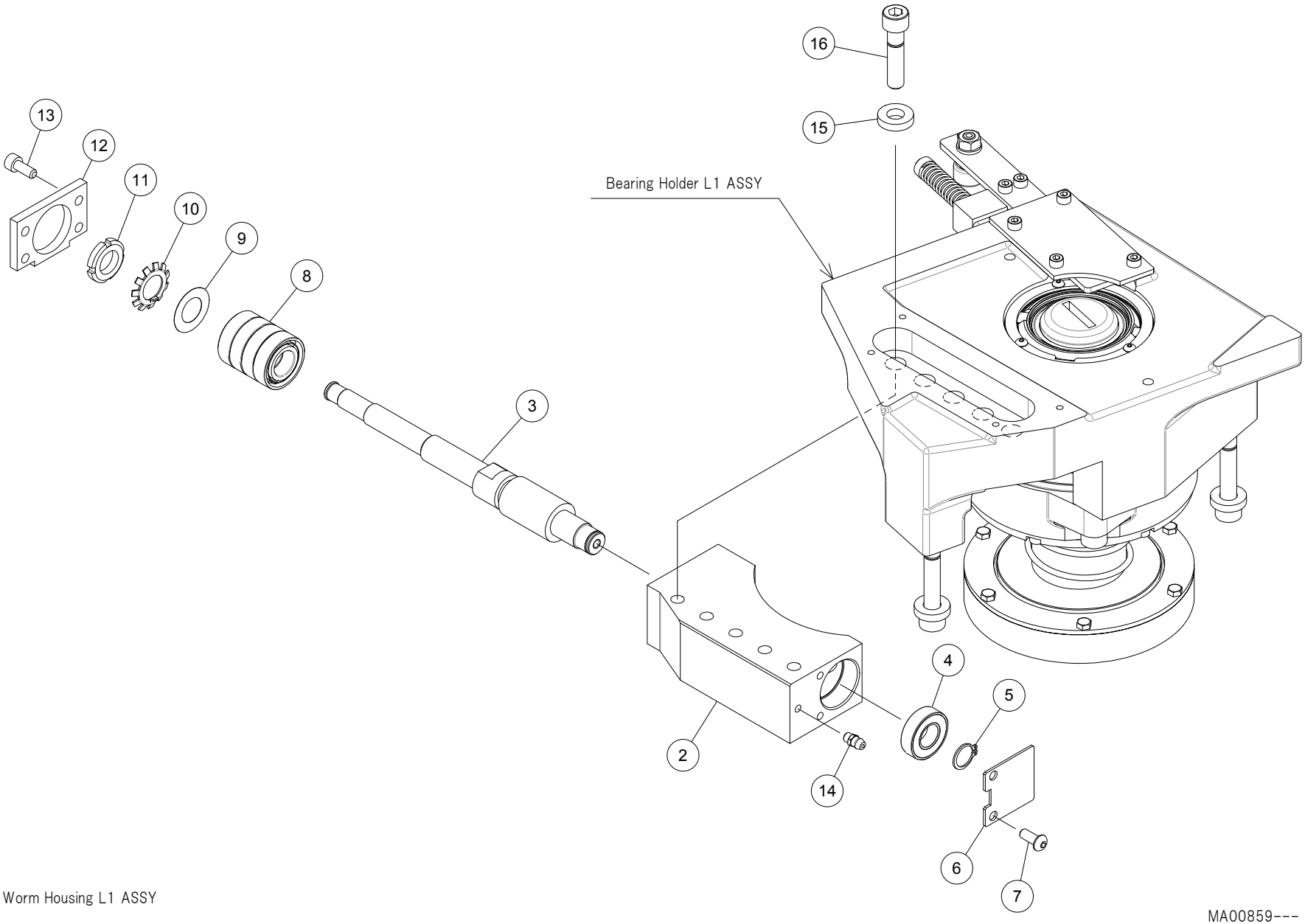
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 180 Turret AI(32ST-4AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 180 Turret AI(32ST-4AI)E <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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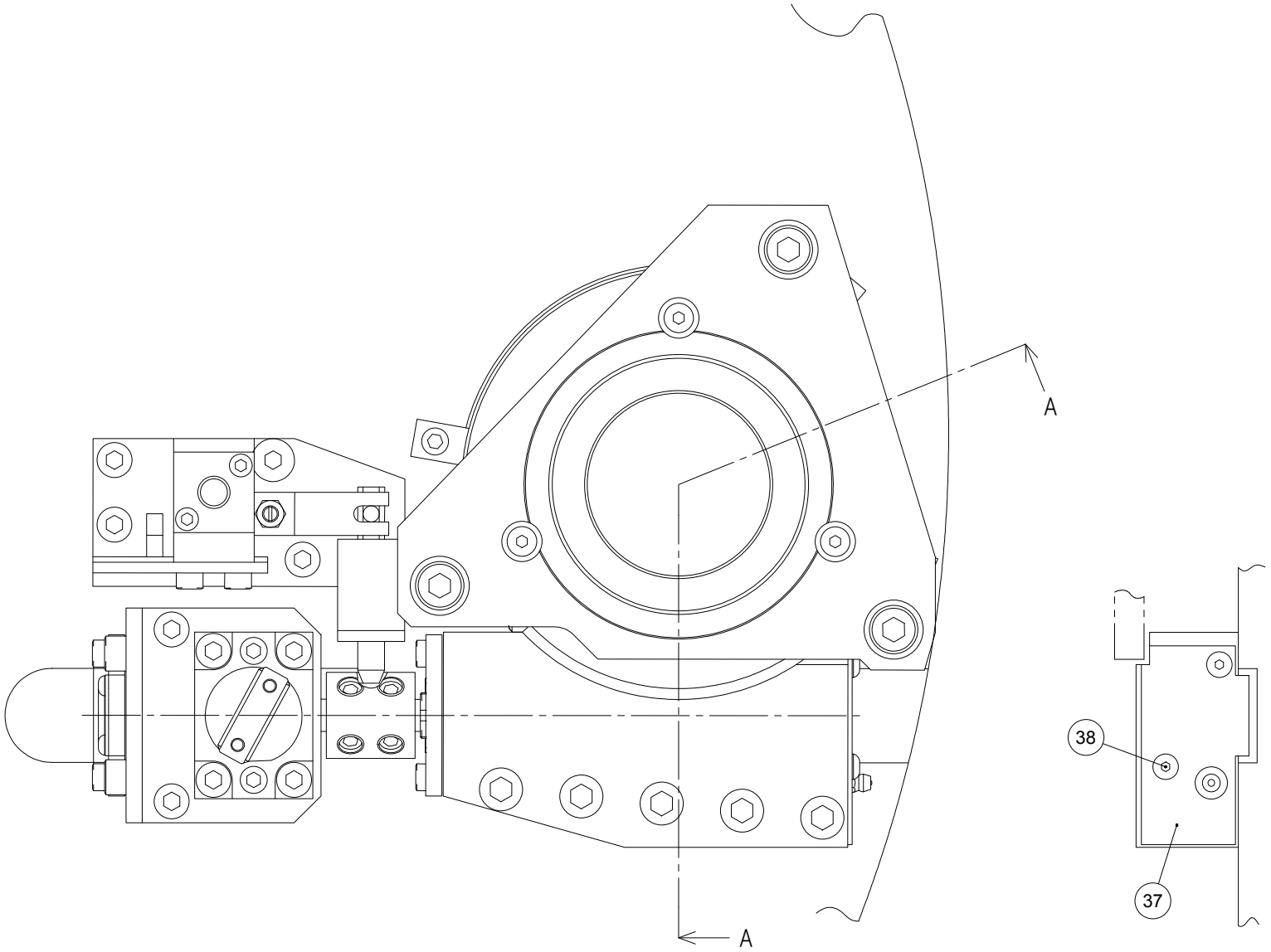
1 Worm Housing L1 ASSY
MA00859---

Unit No. 181 Turret AI(32ST-4AI)E <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 / MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 / MA02529---	Worm Housing		1
3	74900423 / MA00869---	Worm Shaft		1
4	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
5	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
6	74900424 / MA00870--A	Cover 1-1/4		1
7	74183302 / P334500013	Button Head Screw	M6X10	2
8	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
9	74313812 / 0822398	Seal		1
10	74183510 / P406040002	Locking Washer / JIS	AW-03	1
11	74183501 / P406030002	Lock Nut / JIS	AN-03	1
12	74570135 / 6575856 A	Bearing Retainer E		1

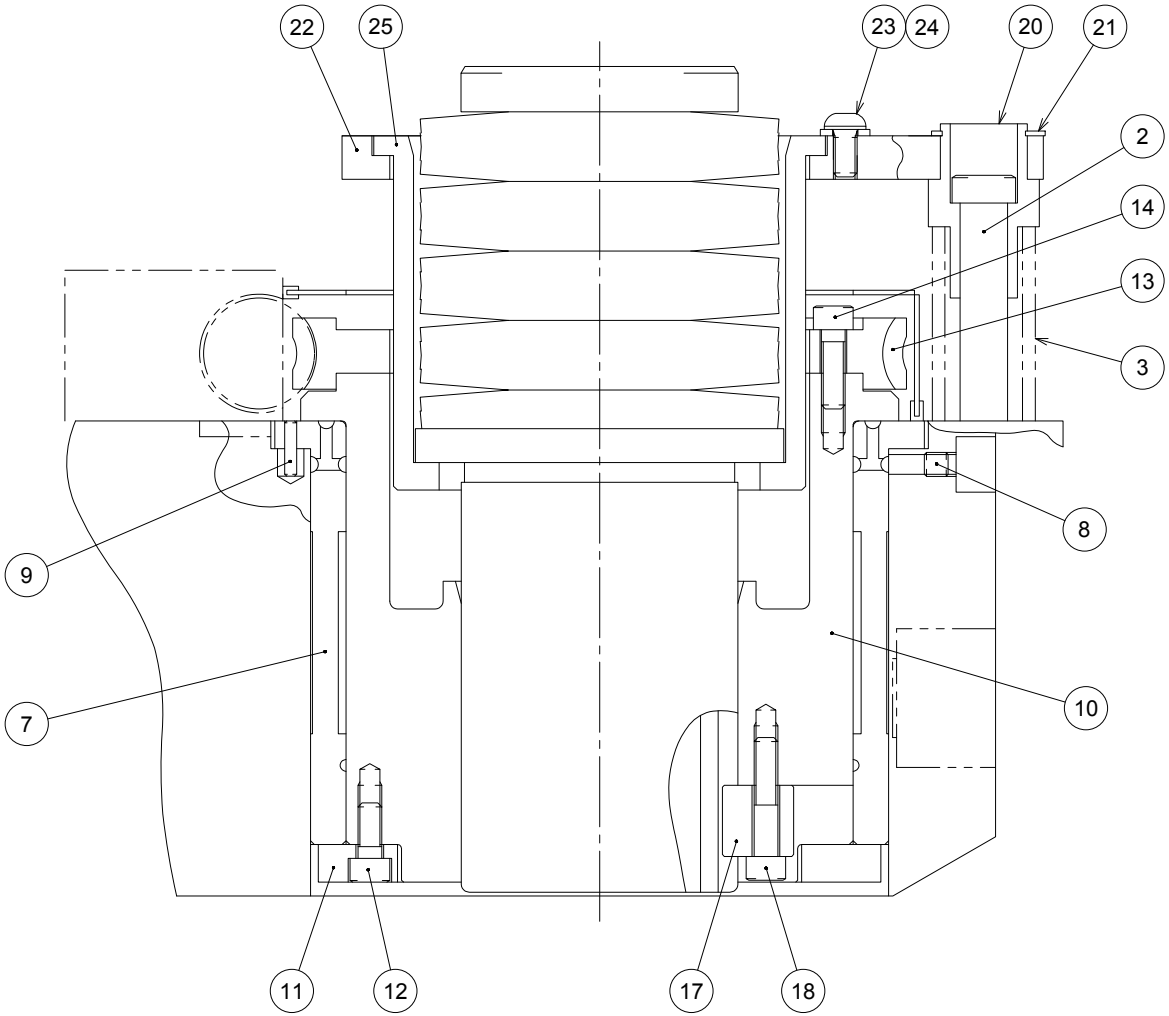
Unit No. 181 Turret AI(32ST-4AI)E <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



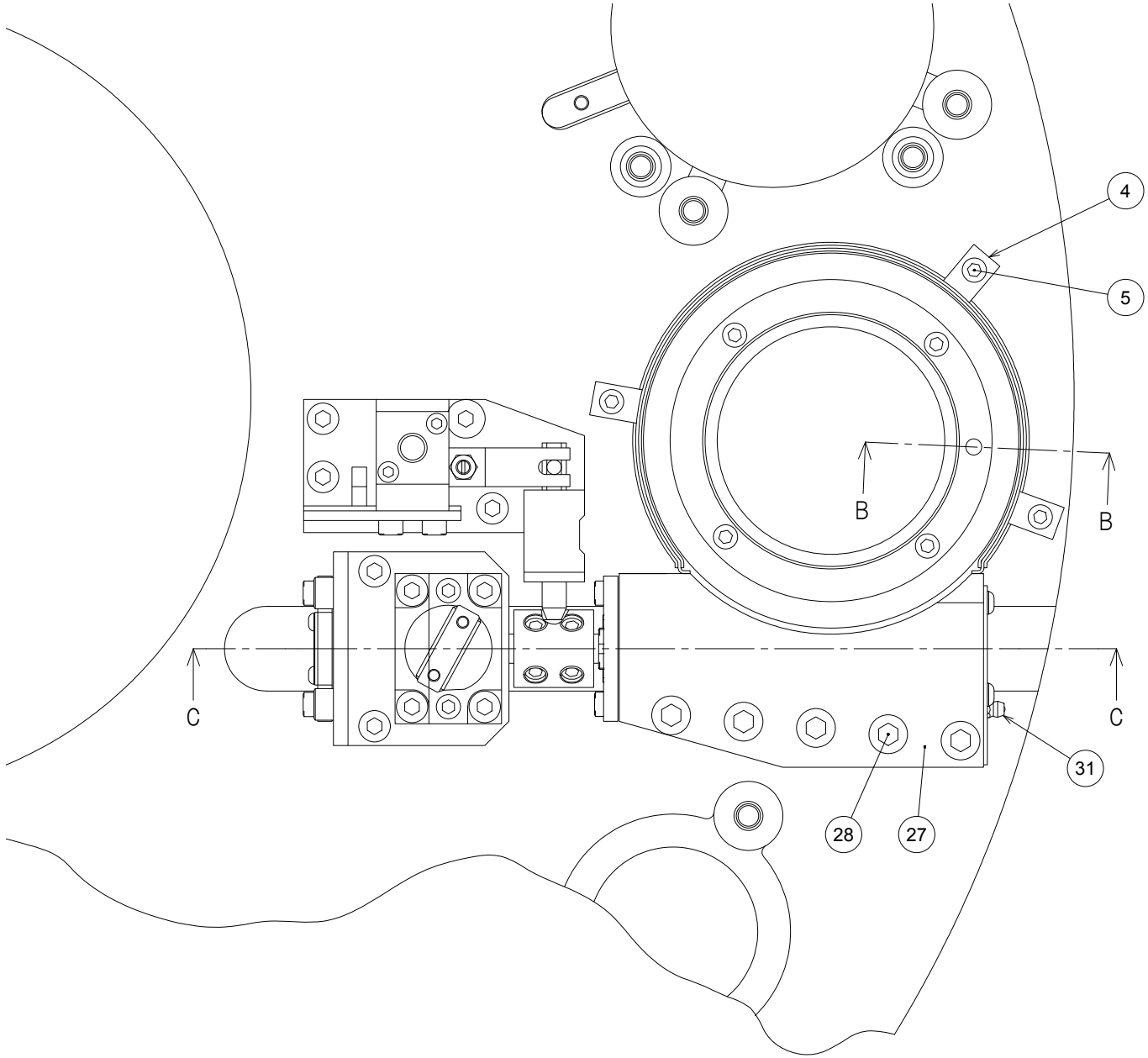
(1) 2″AI Turret ASSY Upper (6) Bearing Holder U2 ASSY (19) Link Holder U2 ASSY (26) Worm Housing U2 ASSY

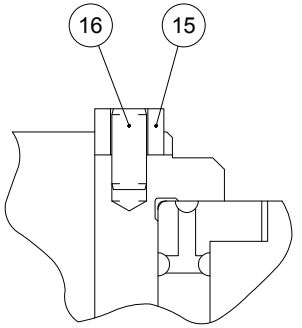
6875450 B



SECTION A-A

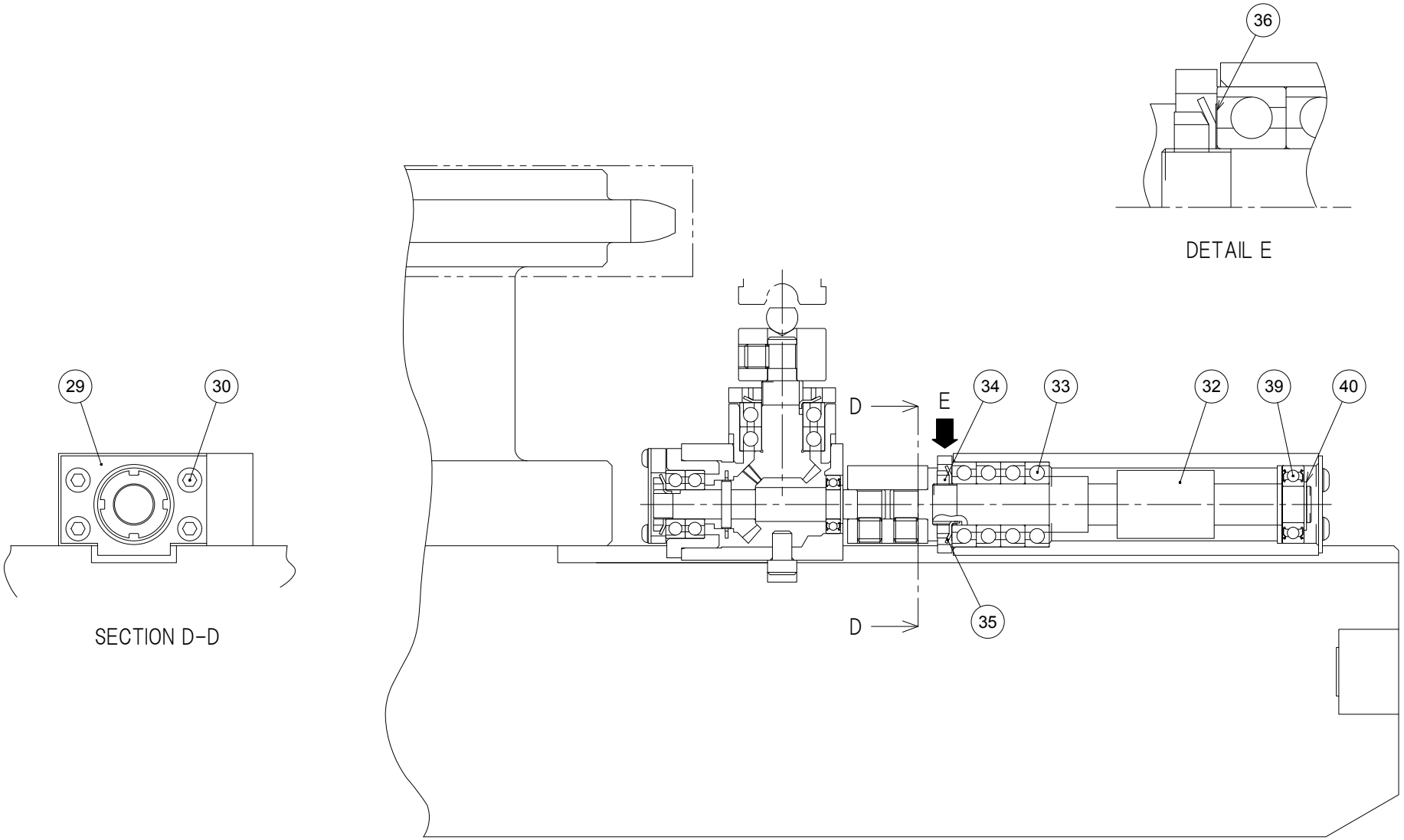
6875450 B





SECTION B-B

6875450 B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DETAIL E
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SECTION C-C
6875450 B

Unit No. 182 Turret AI(32ST-4AI)E <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875450 B	2"AI Turret ASSY Upper	Index 2-40	2
2	74569846 3204978	Shoulder Screw		3
3	74569847 3200854	Spring 1/2"1-1/4"2"		3
4	74570173 6820190	Wheel Cover 2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
6	74901358 6875451	Bearing Holder U2 ASSY	Index 7-18	1
7	74389425 7830310 A	Guide Bushing Upper		1
8	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
9	74314911 P337030013	Spring Pin JIS	3X14AW	1
10	74577604 6820185 A	Guide Holder		1
11	74312664 0812308	Seal Retainer		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

Unit No. 182 Turret AI(32ST-4AI)E <2"AI Turret ASSY Upper>

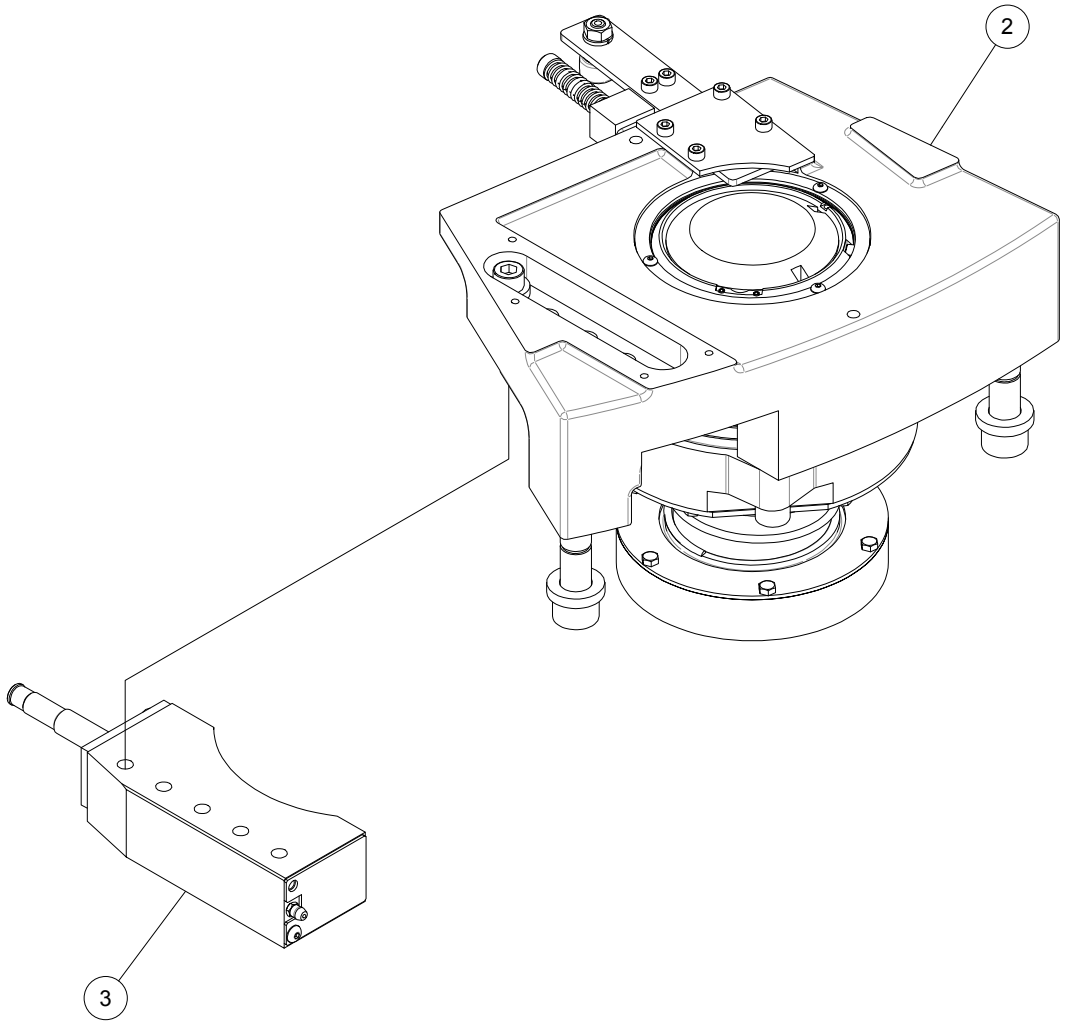
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74416401 0812301 A	Worm Wheel Upper		1
14	74183612 P330223023	Hex Socket Cap Screw SPS/UNBRAKO	M6X20LOC-WEL	4
15	74313917 0822421 A	Wheel Key Type-1		1
16	74314916 P337030055	Spring Pin JIS	6X14AW	1
17	74570169 6820186	Guide Key		1
18	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
19	 6875452	Link Holder U2 ASSY	 Index 20-25	1
20	74570170 6820187	Lifter Collar 2"		3
21	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3
22	74570171 6820188	Link Holder 2"		1
23	74183309 P334500014	Button Head Screw JIS	M6X12	3
24	74732449 0821819 A	Washer M6		3

Unit No. 182 Turret AI(32ST-4AI)E <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570172 6820189	Lifter Ring 2"		1
26	74901359 6875453	Worm Housing U2 ASSY	Index 27-40	1
27	74570174 6820191	2" Worm Housing U		1
28	74183644 P330240012	Hex Socket Cap Screw	M10X50	5
29	74570135 6575856 A	Bearing Retainer E		1
30	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
31	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
32	74570175 6575857 A	Worm Shaft 2"		1
33	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
34	74183501 P406030002	Lock Nut JIS	AN-03	1
35	74183510 P406040002	Locking Washer JIS	AW-03	1
36	74313812 0822398	Seal		1

Unit No. 182 Turret AI(32ST-4AI)E <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74813214 6875454	Cover		1
38	74355302 P334500041	Button Head Screw	M5X15	2
39	74310515 P400010006	Deep Groove Ball Bearing JIS	6002ZZ	1
40	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1

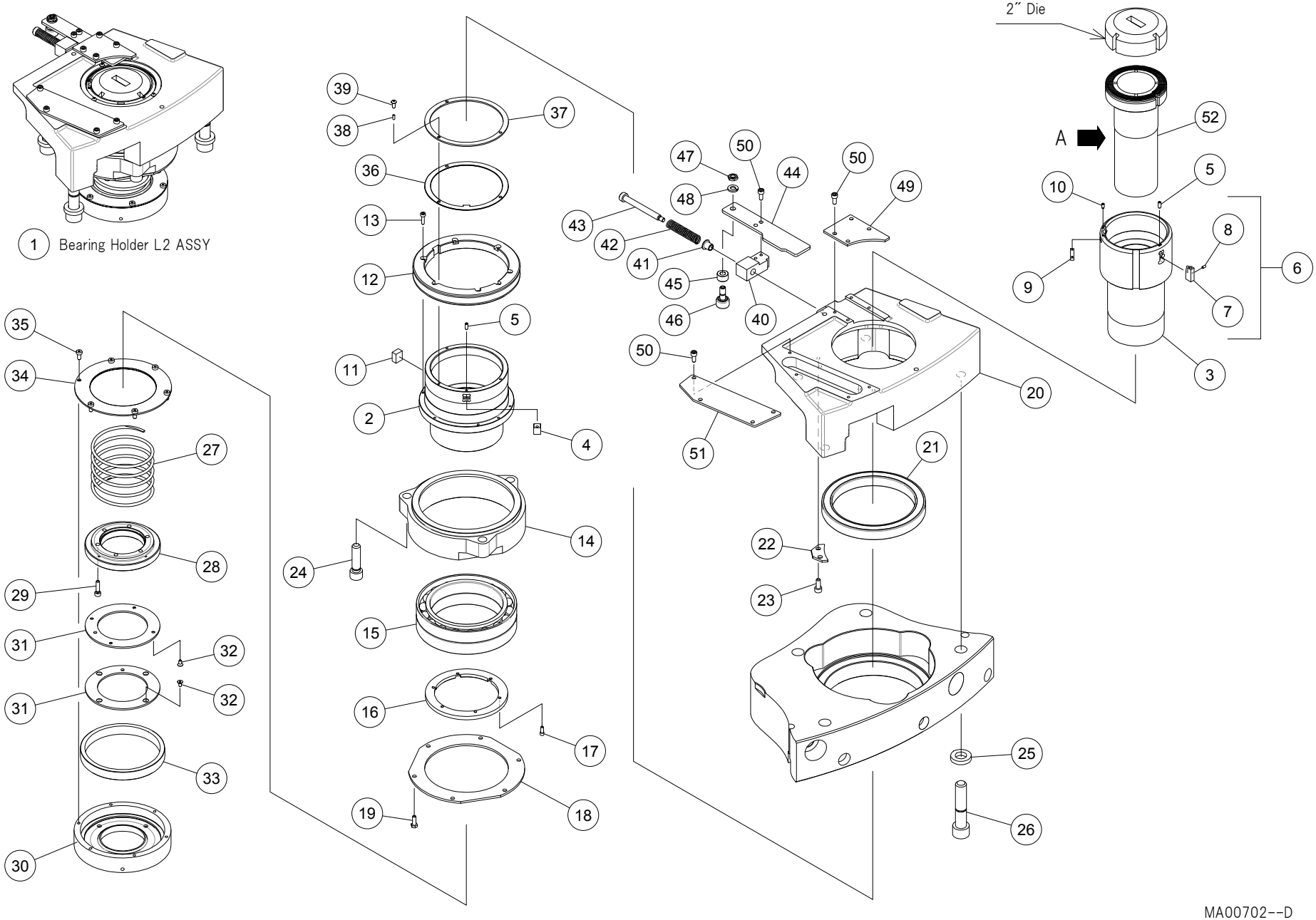


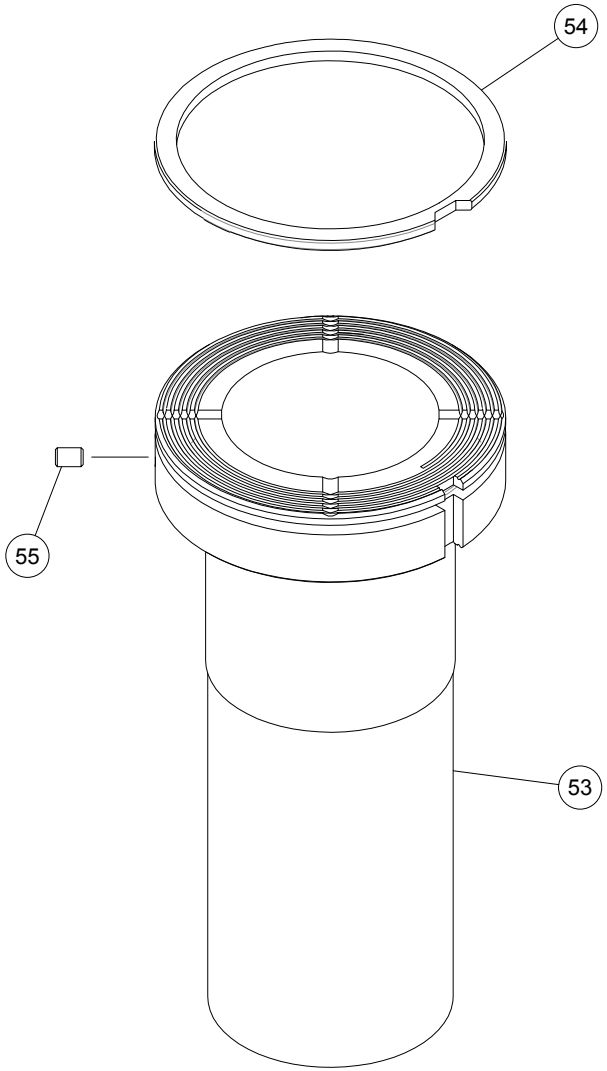
(1) 2″AI Turret ASSY Lower

MA00701---

Unit No. 183 Turret AI(32ST-4AI)E <2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00701---	2"AI Turret ASSY Lower	Index 23	2
2	74403010 / MA00702--D	Bearing Holder L2 ASSY		1
3	74901366 / MA00710---	Worm Housing L2 ASSY		1


1 Bearing Holder L2 ASSY
2″ Die
A
MA00702--D



DETAIL A

(52) Ejector Pipe Kit 2

MA02413---

Unit No. 184 Turret AI(32ST-4AI)E <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403010 / MA00702--D	Bearing Holder L2 ASSY	Index 2-55	1
2	74403011 / MA00688--C	Lifter Holder 2AI		1
3	74403012 / MA00689--B	Lifter Pipe 2AI		1
4	74900398 / MA00691--A	Lifter Key		1
5	74383639 / P330590008	Socket Set Screw / JIS	M4X10(Cup Point)	2
6	74901434 / SPT0118---	2"AI Die Key ASSY	MA00865--AP337020007 / Index 78	1
7	74901367 / MA00865--A	Die Key		1
8	P337020007	Parallel Pin / JIS	A-3X6	1
9	74403013 / MA04973---	Pipe Stopper Plate		1
10	74379606 / P330570006	Socket Set Screw / JIS	M4X8(Long Dog Point)	2
11	74563180 / 6570465	2" Lower Wheel Key		1
12	74901368 / MA00866--A	Worm Wheel Lower		1

Unit No. 184 Turret AI(32ST-4AI)E <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
14	74901362 MA00690---	Bearing Holder L 2AI		1
15	74900890 P404024082	Complex Bearing NTN	7921UADDB/GLP5	1
16	74901380 MA04923---	Flange		1
17	74900888 P330207014	Hex Socket Cap Screw MISUMI	SBB4-10	6
18	74901381 MA04924---	Bearing Stopper Lower		1
19	74776725 P330010004	Bolt	M5X15	6
20	74901370 MA02535--B	Die Spacer 2		1
21	74900889 P400017067	Deep Groove Ball Bearing NSK	6824ZZ	1
22	74901369 MA02521---	Stopper Piece		4
23	74183608 P330220006	Hex Socket Cap Screw	M6X15	8
24	74183658 P330250008	Hex Socket Cap Screw	M12X45	3

Unit No. 184 Turret AI(32ST-4AI)E <Bearing Holder L2 ASSY>

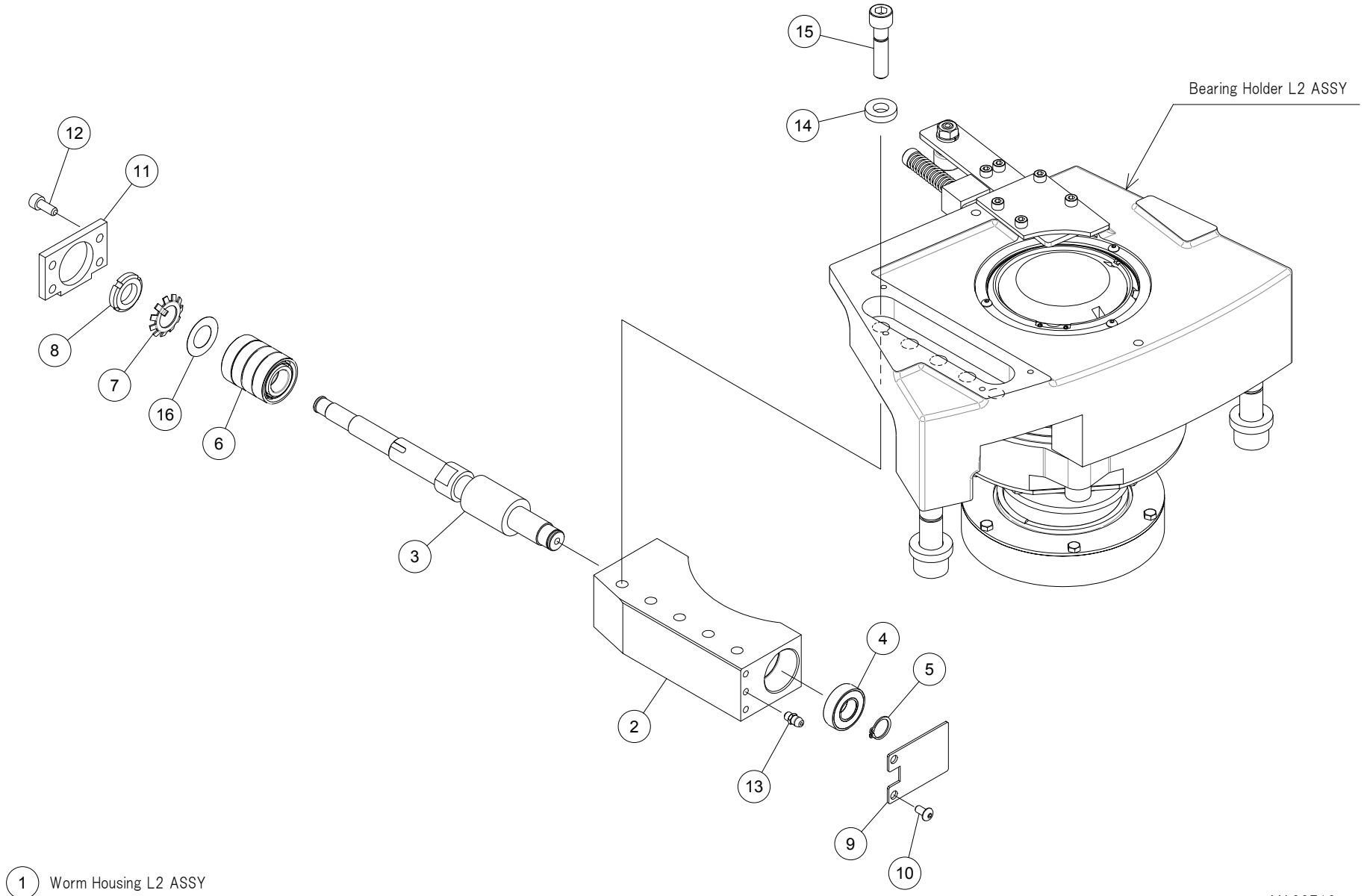
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303705 6012794	Washer M16		4
26	74302824 P330260039	Hex Socket Cap Screw MOURI	M16X75	4
27	74901363 MA00695---	Return Spring 2AI		1
28	74901364 MA00697--B	Lifter Ring 2AI		1
29	74314404 P330210009	Hex Socket Cap Screw	M5X20	6
30	74403014 MA00698--B	Lifter Ring Holder 2AI		1
31	74901365 MA00706--A	Slip Plate 2AI OILES Industry		2
32	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
33	74900417 MA00852---	Slip Ring		1
34	74403015 MA00696--A	Ring Stopper 2AI		1
35	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
36	74901361 MA00687--A	Cover Seal 2AI		1

Unit No. 184 Turret AI(32ST-4AI)E <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74901360 MA00686--A	Cover Seal Retainer 2AI		1
38	74900358 MA00562---	Screw Stopper		3
39	74535012 P334500005	Button Head Screw	M4X10	3
40	74900448 MA01285---	Guide Holder		1
41	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
42	74900347 MA00287---	Spring		1
43	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
44	74901374 MA03330--B	Slide Stopper 2AI		1
45	74900447 MA01284---	Color 3-1/2"		1
46	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
47	74722743 P332000018	Nut JIS	M8(Thin)	1
48	74183103 P336050006	Spring Washer JIS	8	1

Unit No. 184 Turret AI(32ST-4AI)E <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74901375 MA03331--A	Slide Stopper Holder 2AI		1
50	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
51	74901371 MA02536---	Top Cover 2		1
52	74900466 MA02413---	Ejector Pipe Kit 2	 Index 53-55	1
53	74900343 MA00268---	Ejector Pipe 2"		1
54	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1
55	 7421419	Pin 1-1/4"		1

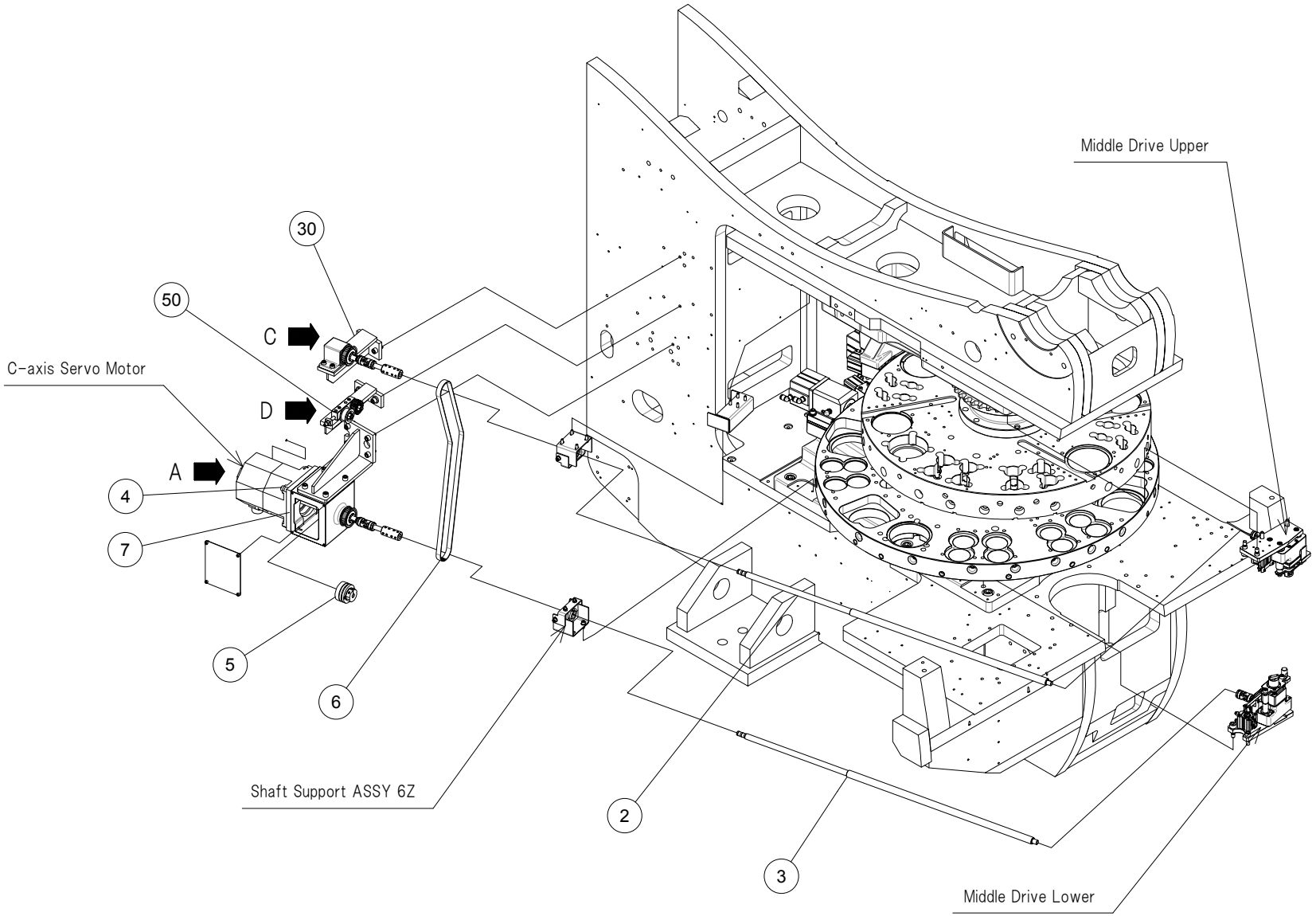

15
14
Bearing Holder L2 ASSY
12
11
8
7
16
6
3
4
5
2
13
9
10
1 Worm Housing L2 ASSY
MA00710---

Unit No. 185 Turret AI(32ST-4AI)E <Worm Housing L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901366 / MA00710---	Worm Housing L2 ASSY	Index 2-16	1
2	74901372 / MA02537---	Worm Housing L2		1
3	74570181 / 6536142 A	Worm Shaft 2"		1
4	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
5	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
6	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
7	74183510 / P406040002	Locking Washer / JIS	AW-03	1
8	74183501 / P406030002	Lock Nut / JIS	AN-03	1
9	74901373 / MA02538---	Cover 2		1
10	74183302 / P334500013	Button Head Screw	M6X10	2
11	74570135 / 6575856 A	Bearing Retainer E		1
12	74183608 / P330220006	Hex Socket Cap Screw	M6X15	4

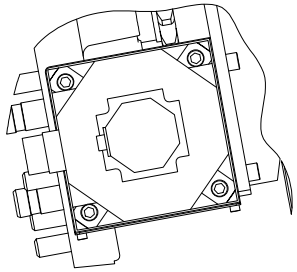
Unit No. 185 Turret AI(32ST-4AI)E <Worm Housing L2 ASSY>

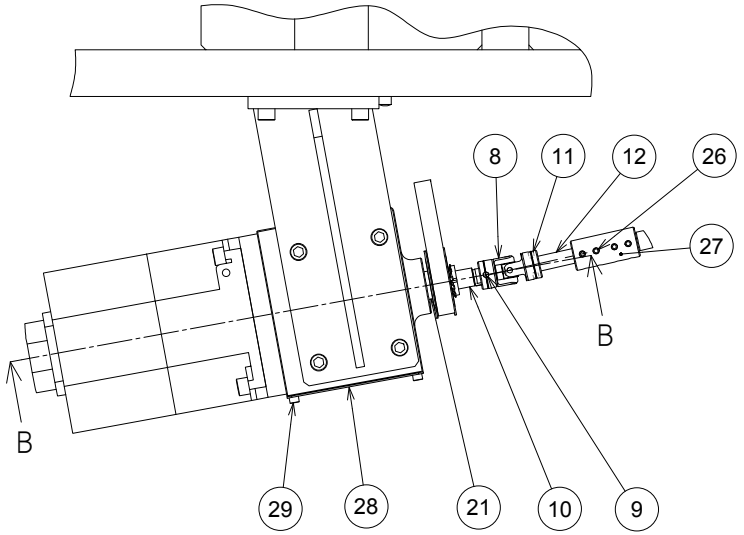
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
14	74165309 0827013 B	Washer M10		5
15	74183643 P330240011	Hex Socket Cap Screw	M10X45	5
16	74313812 0822398	Seal		1

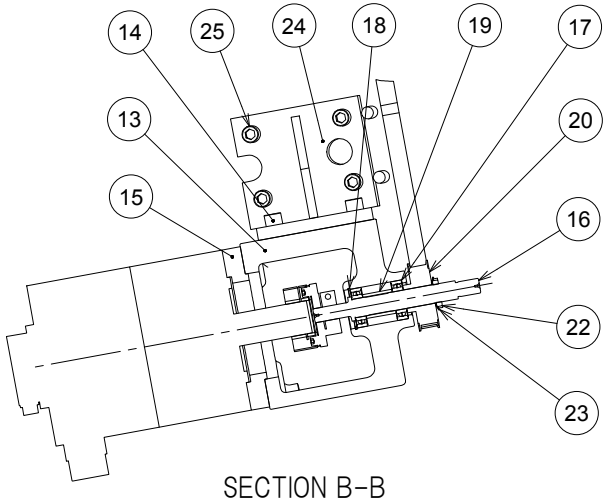


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





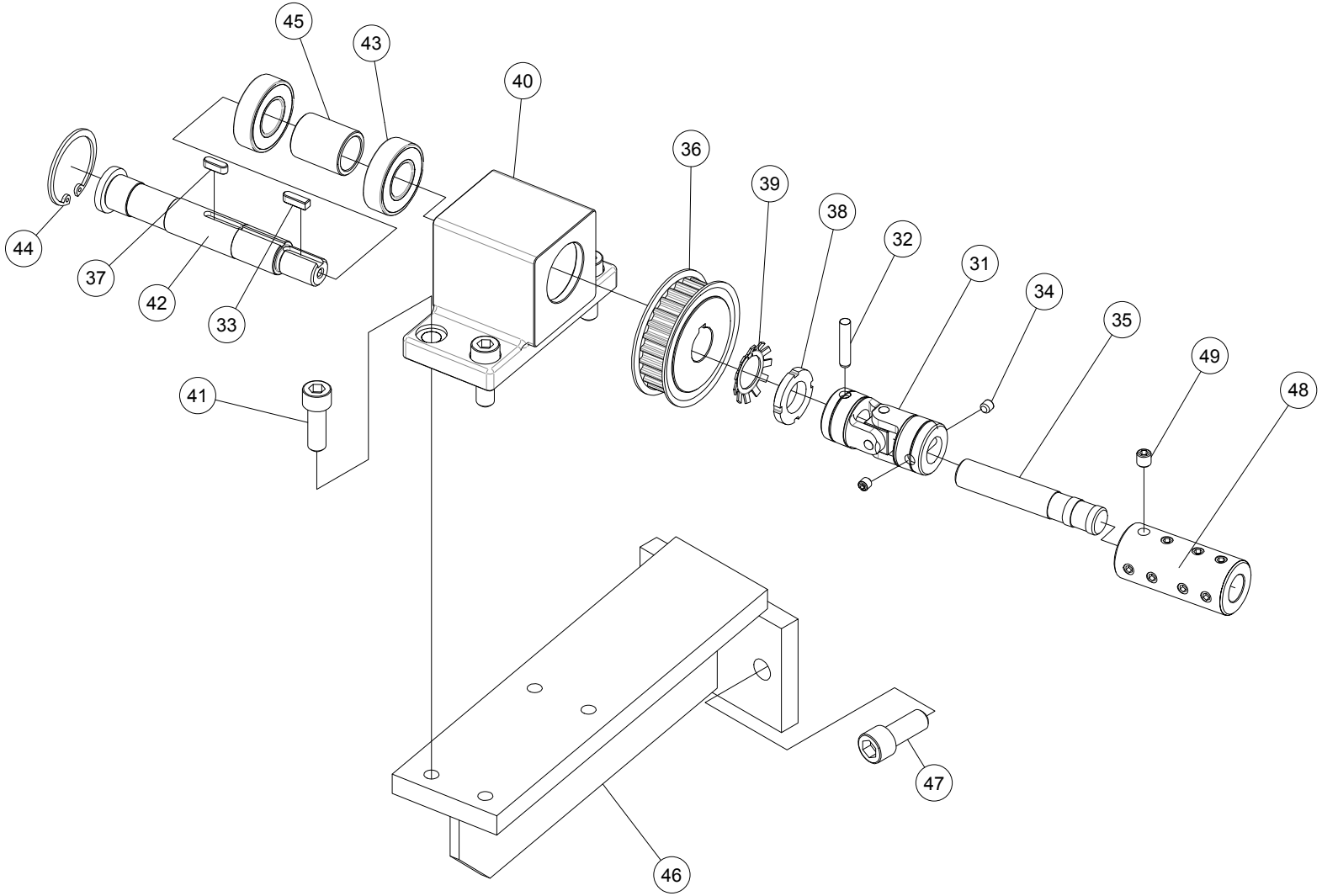


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

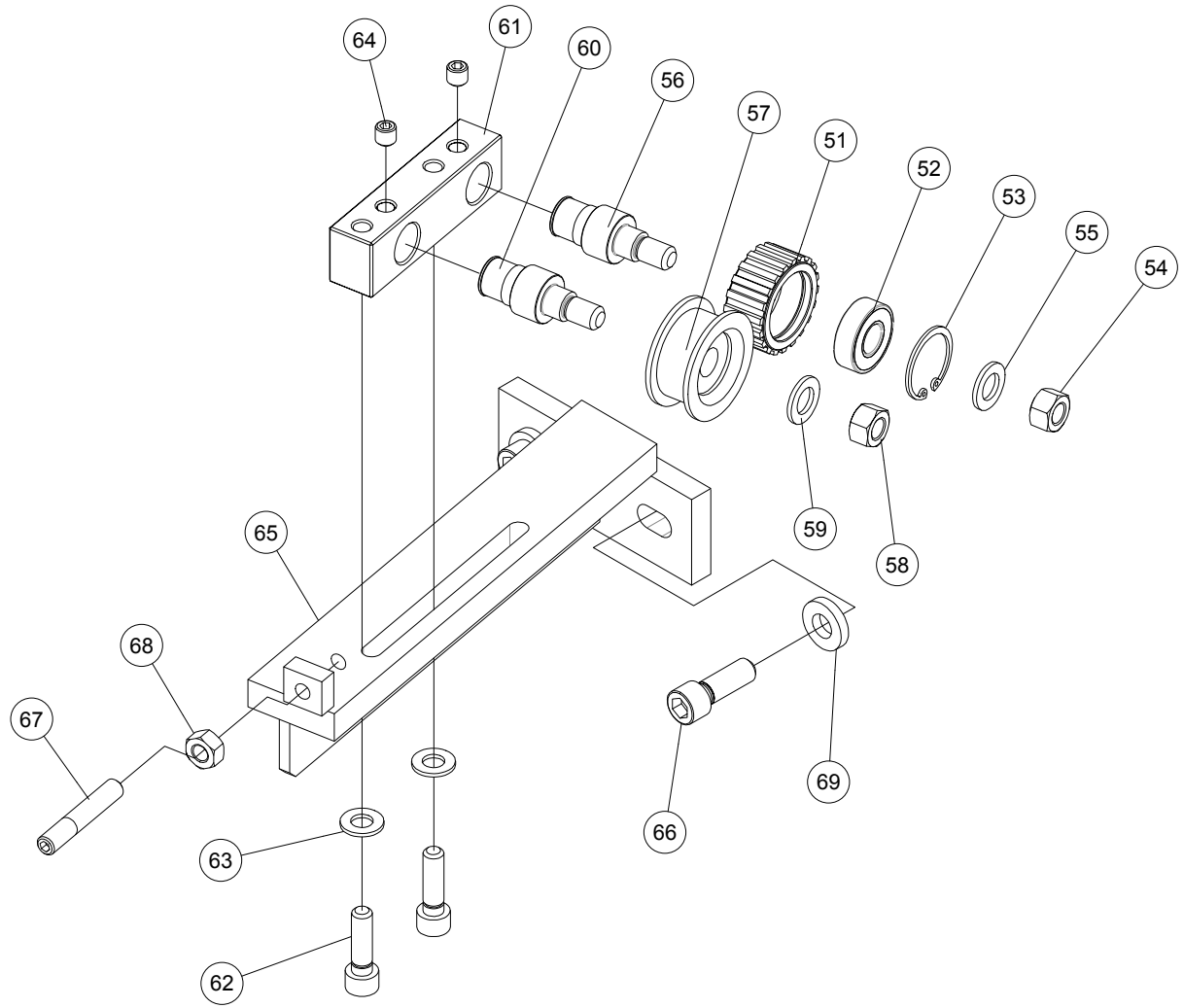
CE01746---
(MA00868#2-)



DETAIL C

(30) C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

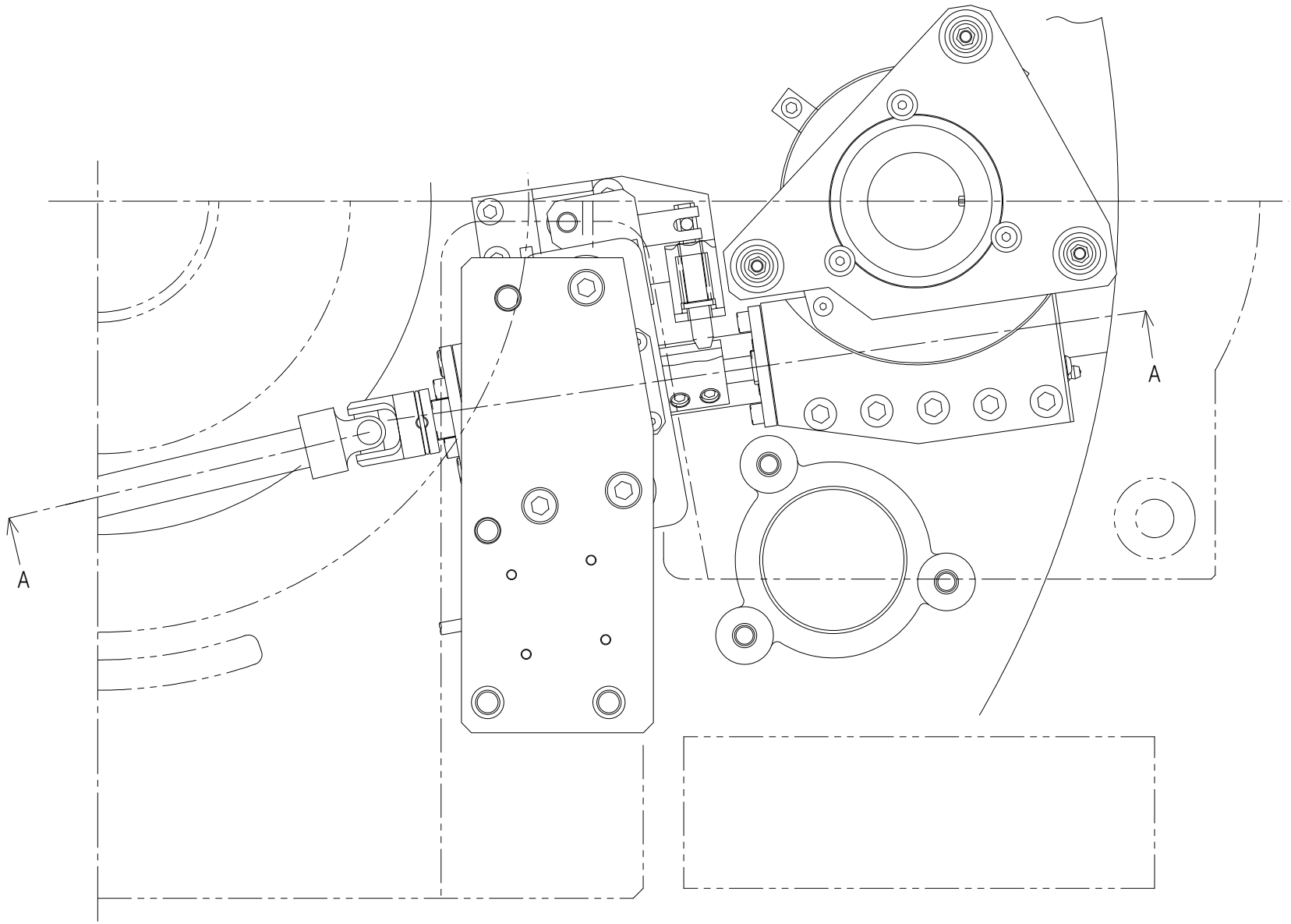
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

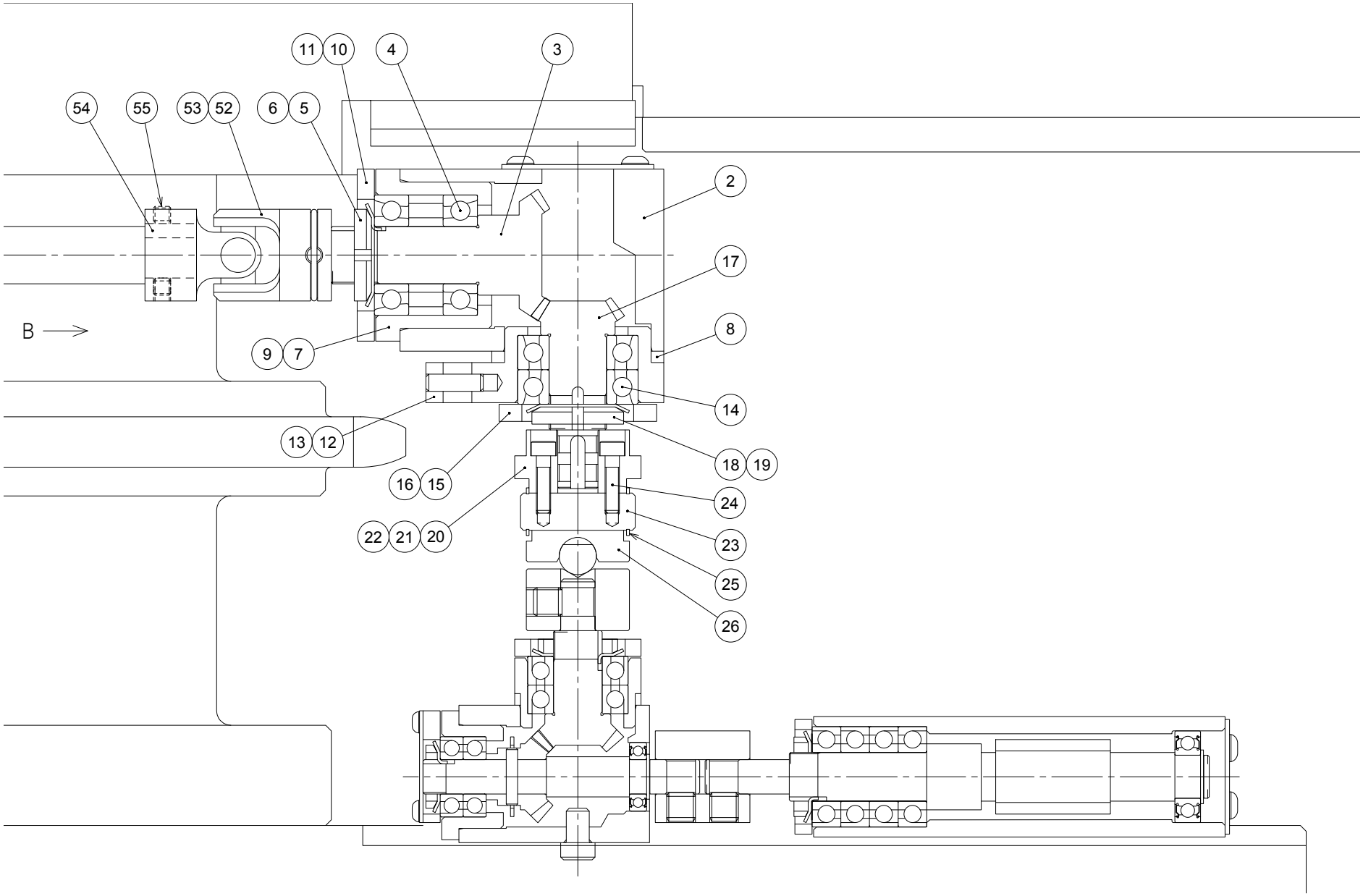
Unit No. 186 Turret AI(32ST-4AI)E <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



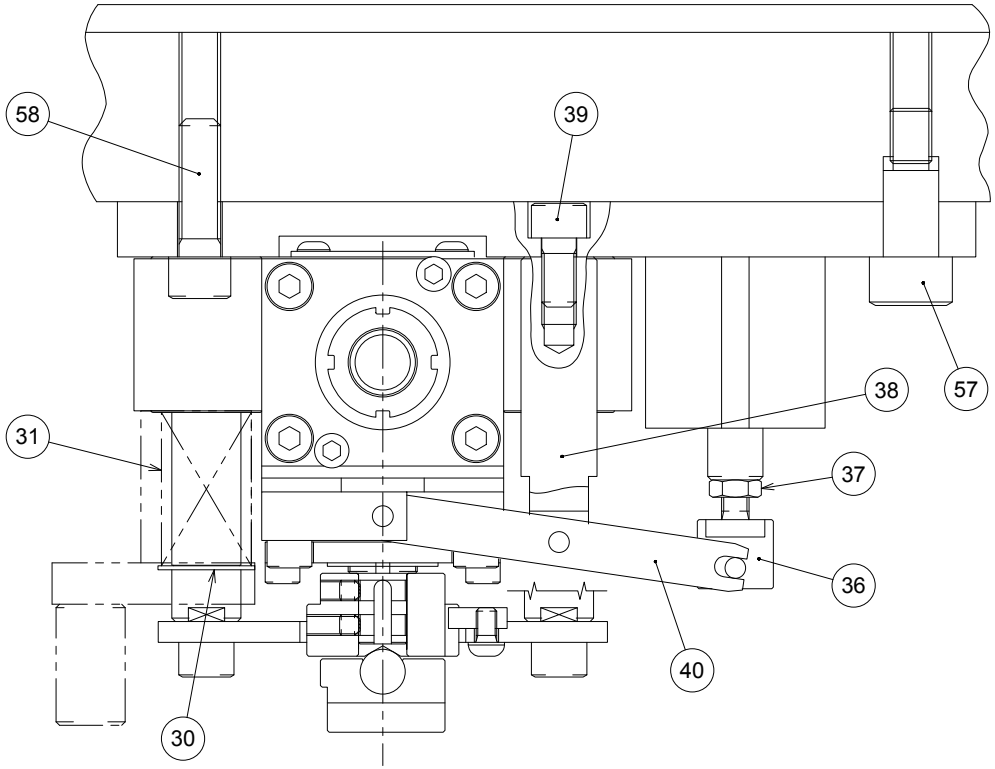
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

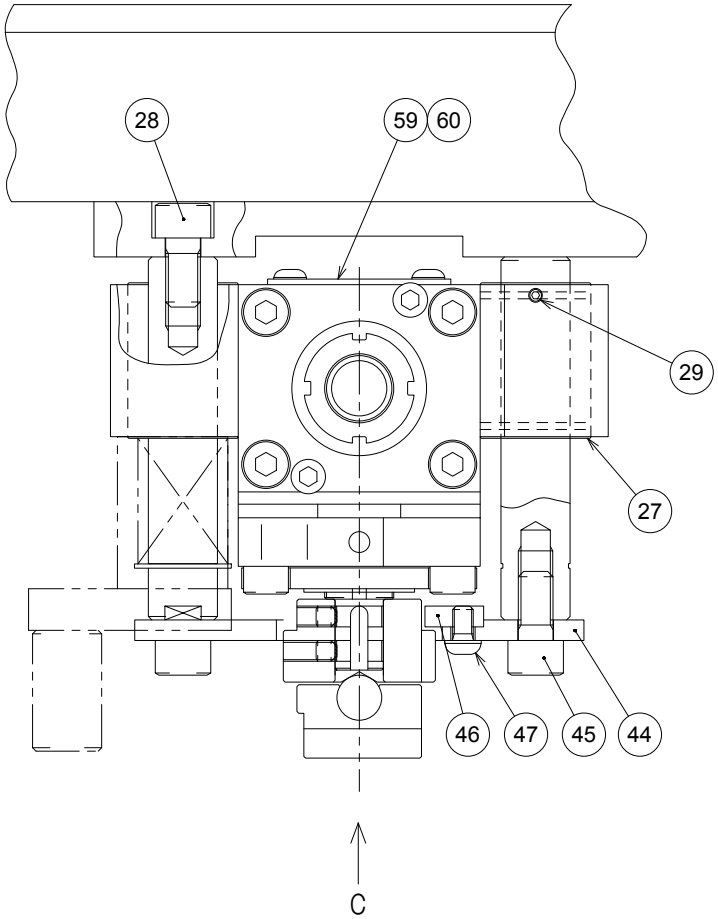


SECTION A-A

MA03077---
(6875435 B)

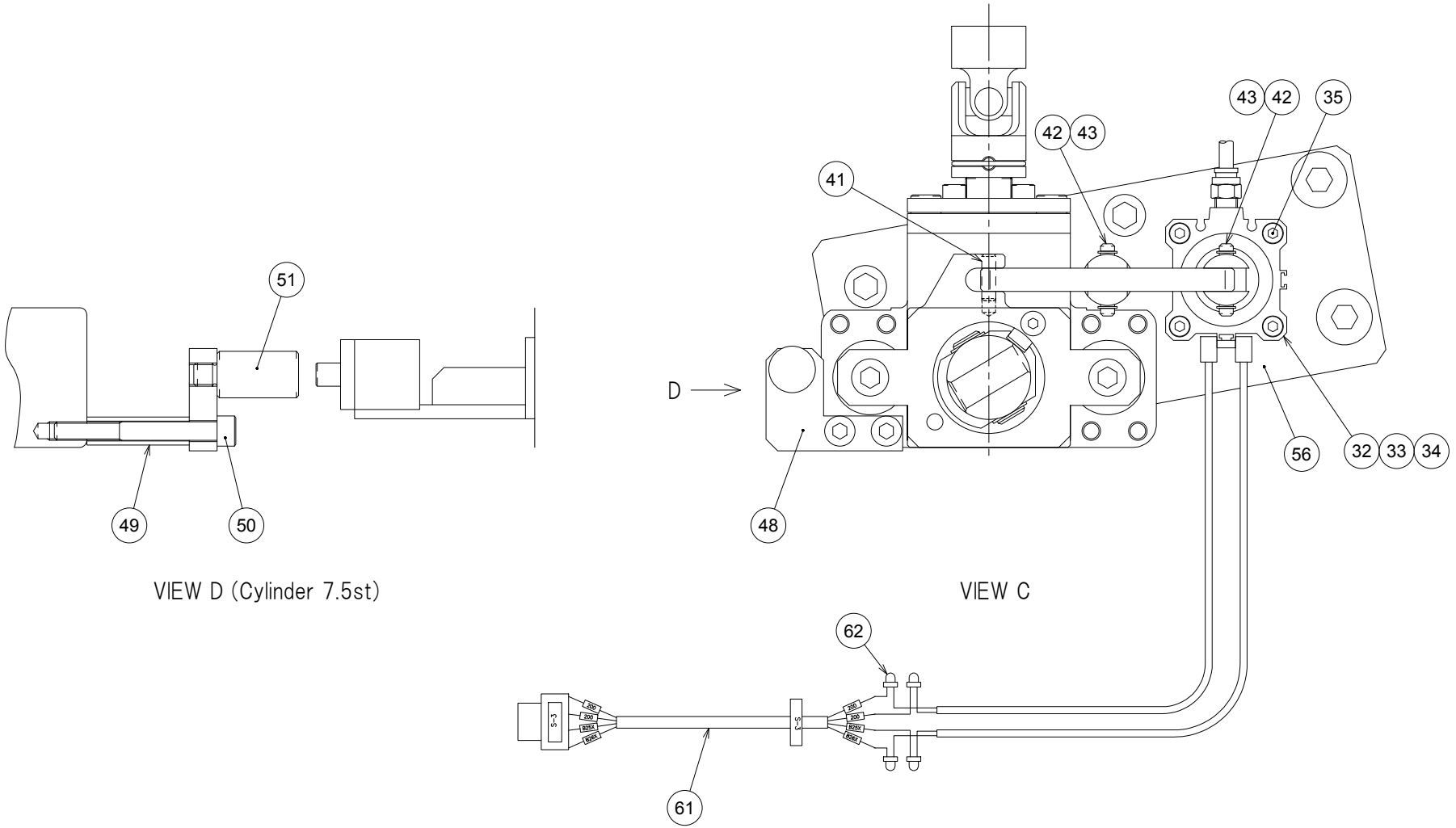


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 6813135 D	Gear Box		1
3	74382635 6575823	Drive Bevel Gear		1
4	74565993 7830606	Ball Bearing Set NSK	EPBA20-13DB+KL12	1
5	74183502 P406030003	Lock Nut JIS	AN-04	1
6	74183512 P406040003	Locking Washer JIS	AW-04	1
7	74570104 6813136 A	Unit Case		1
8	74384527 6502897 B	Gear Adjusting Collar		2
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 6813137	Bearing Retainer A		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74570106 6813139 A	Point Case Upper		1

Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

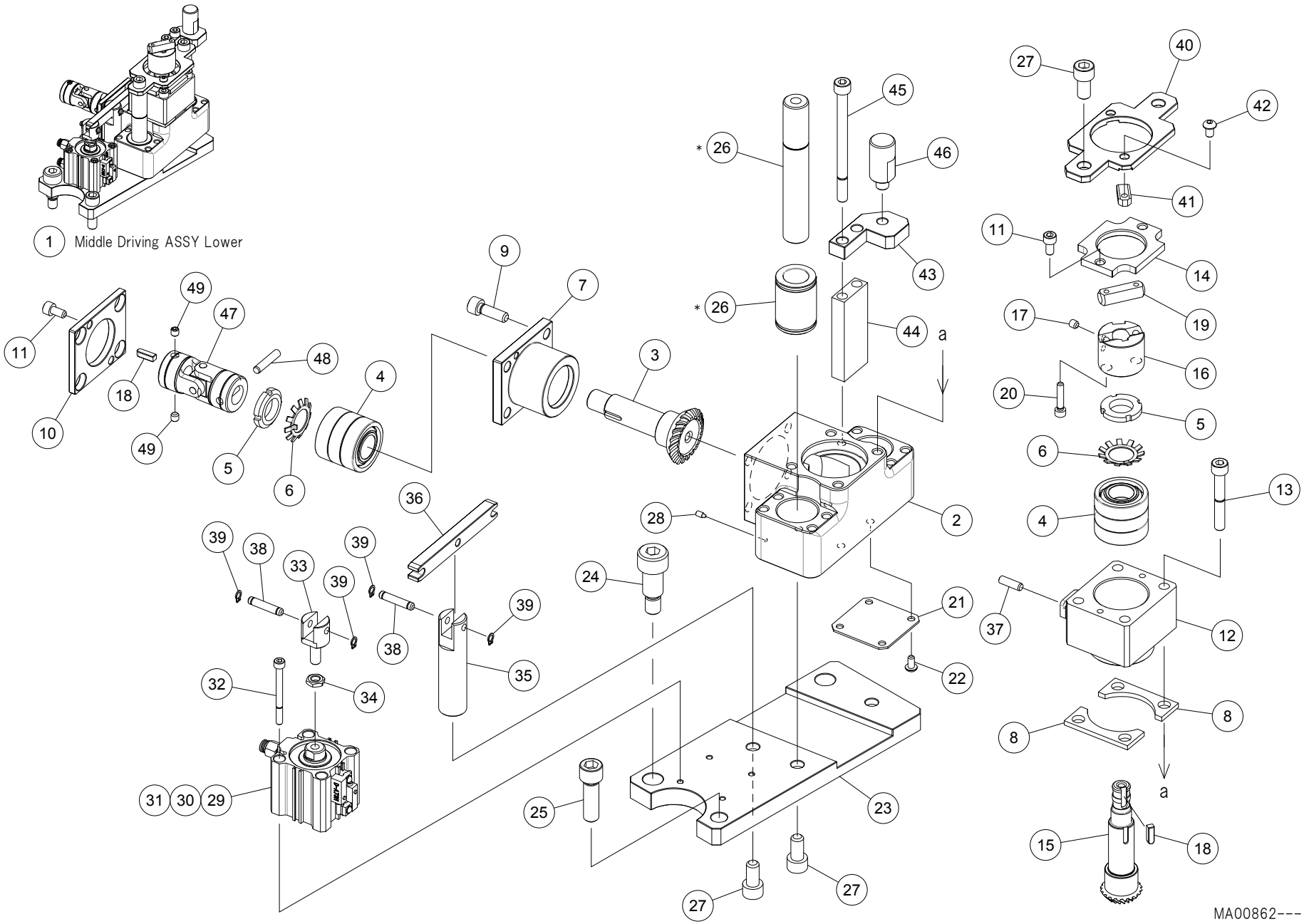
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

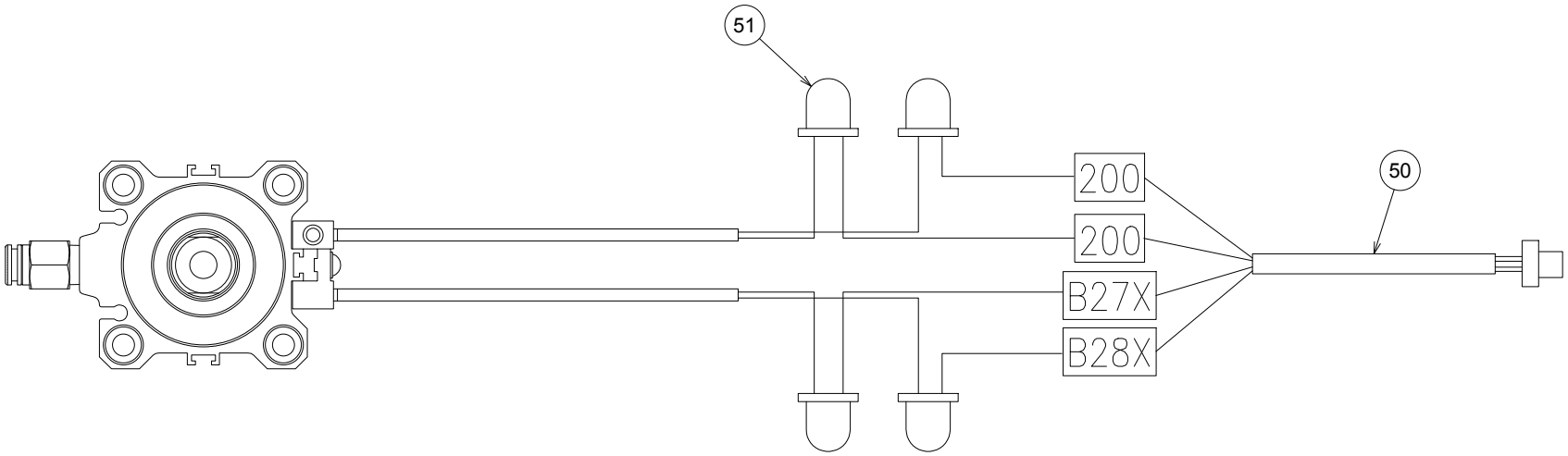
Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 187 Turret AI(32ST-4AI)E <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483	Cable S-3		1
	MA03061---		(SQ6364)	
62	74382938	Terminal	CE-1	4
	P869150001	JIS		


1 Middle Driving ASSY Lower
MA00862---



MA00862---

Unit No. 188 Turret AI(32ST-4AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 / MA00862---	Middle Driving ASSY Lower	Index 2-51	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	2
5	74183502 / P406030003	Lock Nut / JIS	AN-04	2
6	74183512 / P406040003	Locking Washer / JIS	AW-04	2
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	4
12	74900384 / MA00664---	Point Case Lower		1

Unit No. 188 Turret AI(32ST-4AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 188 Turret AI(32ST-4AI)E <Middle Driving ASSY Lower>

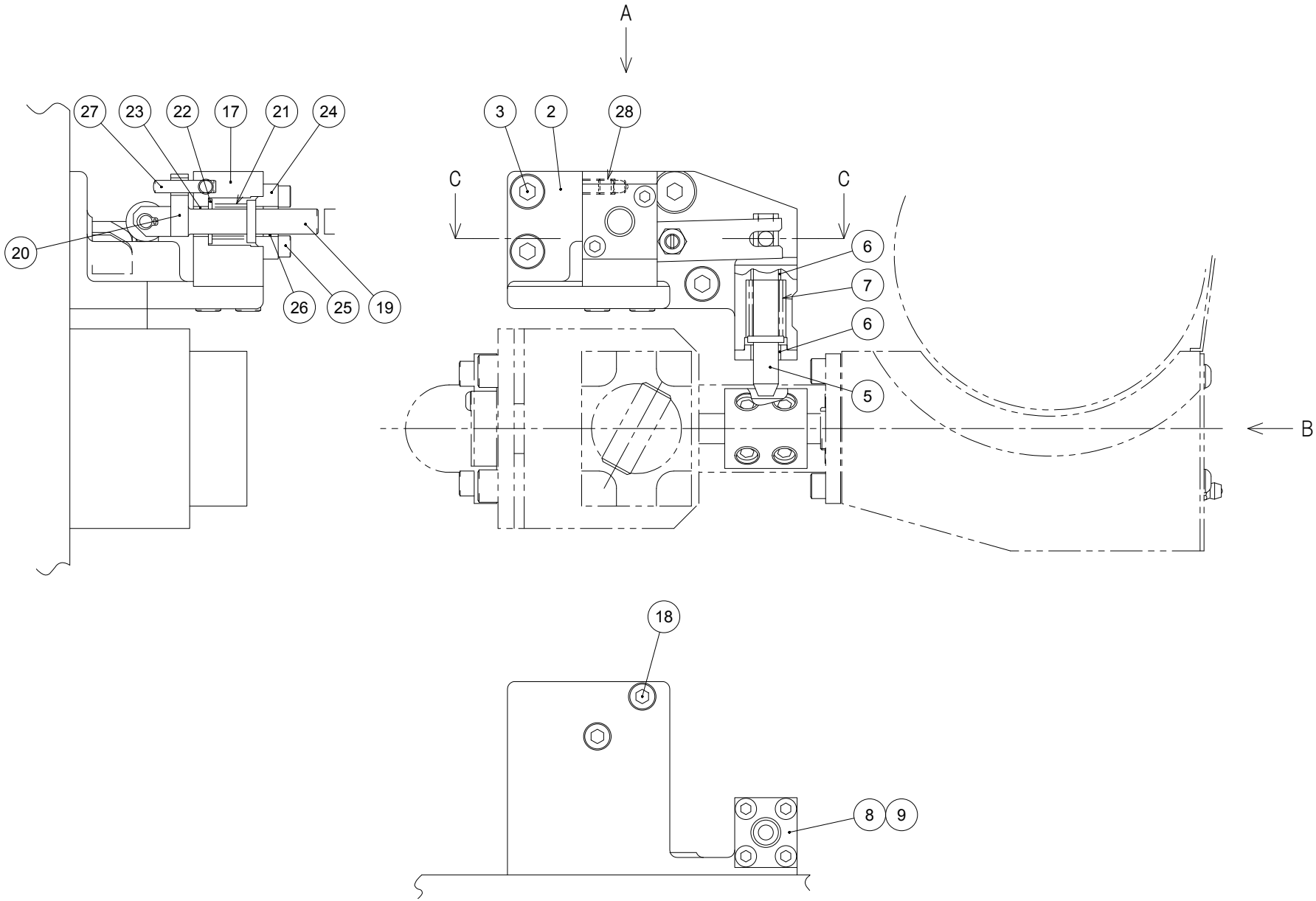
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 188 Turret AI(32ST-4AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 / P337020034	Parallel Pin / JIS	A-6X20	1
38	74570115 / 6813144	A/I Cylinder Pin		2
39	74318214 / P406108030	Locating Snap Ring / OCHIAI	STW-6	4
40	74570116 / 6813146	Point Plate		1
41	74570124 / 6813149	Key L		1
42	74183302 / P334500013	Button Head Screw	M6X10	1
43	74570125 / 6813155	Push Rod Arm L		1
44	74900456 / MA01988---	Spacer L		1
45	74183701 / P330230023	Hex Socket Cap Screw / MOURI	M8X105	2
46	74386766 / 6593236	B Rod L1		1
47	74322357 / 7830034	Universal Joint / KYOWA		1
48	74379608 / P337020036	Parallel Pin / JIS	A-6X30	1

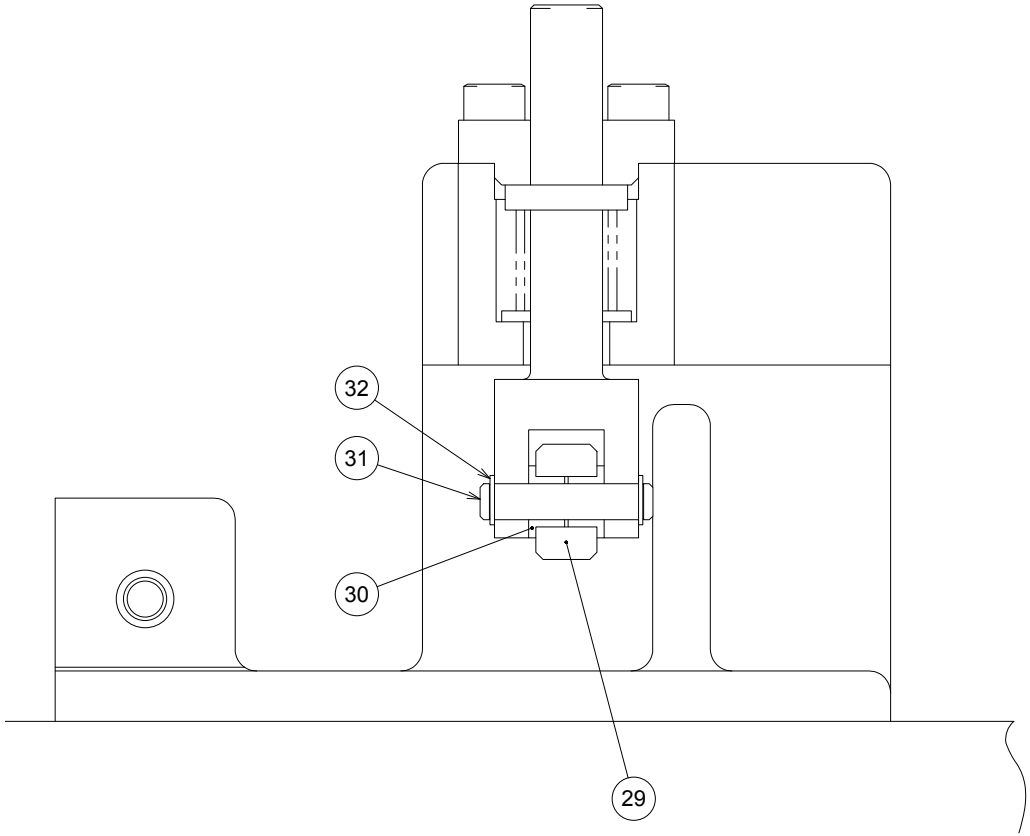
Unit No. 188 Turret AI(32ST-4AI)E <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		

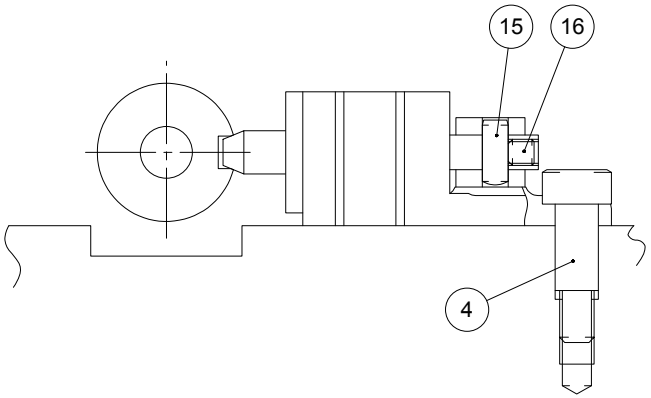


(1) Brake ASSY

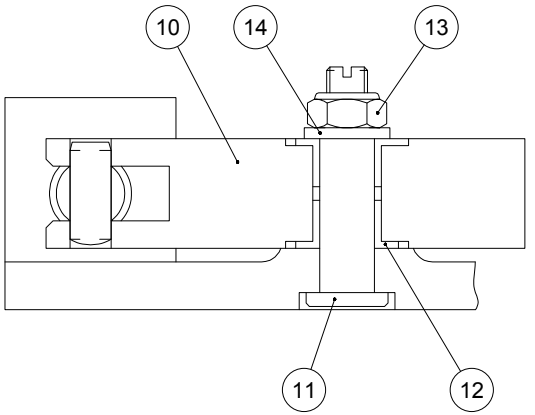
7401750--G



VIEW A



VIEW B



SECTION C-C

7401750--G

Unit No. 189 Turret AI(32ST-4AI)E <Brake ASSY>

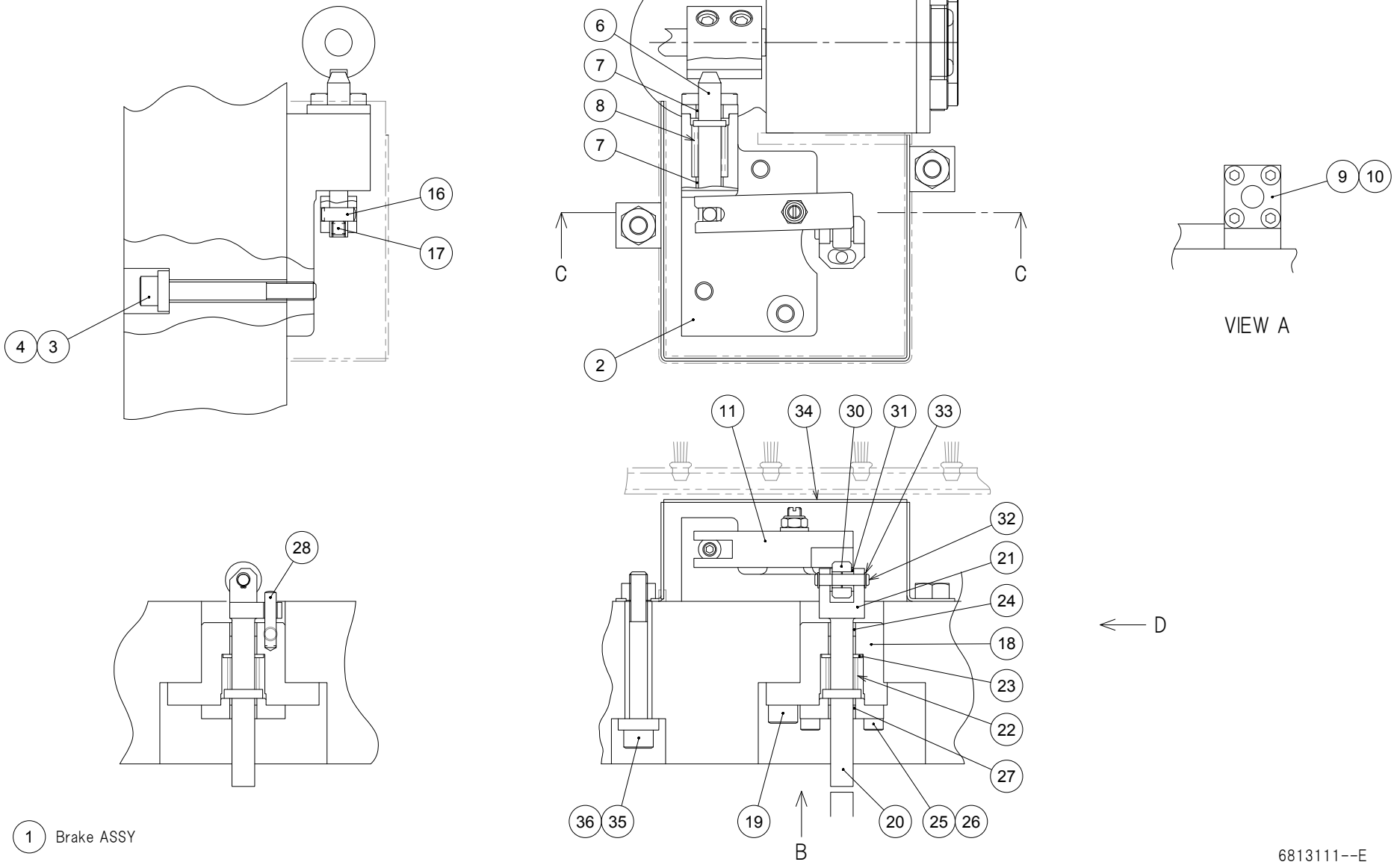
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 189 Turret AI(32ST-4AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

Unit No. 189 Turret AI(32ST-4AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300614 / P330210004	Hex Socket Cap Screw / JIS	M5X12	2
26	74570154 / P407003201	Bushing / DAIDO METAL	DUB1006	1
27	74900653 / P337020273	Parallel Pin / JIS	A-5X25	1
28	74305504 / P330550024	Socket Set Screw / JIS	M6X6(Flat Type)	1
29	74562625 / 6501998 A	Roller		1
30	74570157 / P407013073	Bushing / DAIDO METAL	DUF0504-10	2
31	74900321 / 6501992--C	Pin 2		1
32	74160219 / P406108136	Locating Snap Ring / OCHIAI	STW-5	2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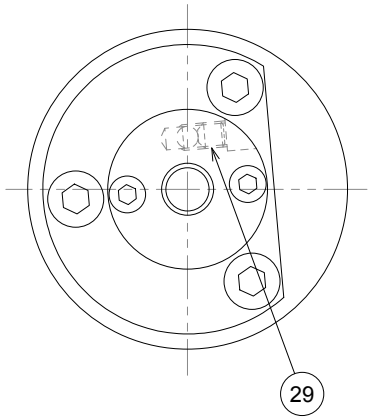
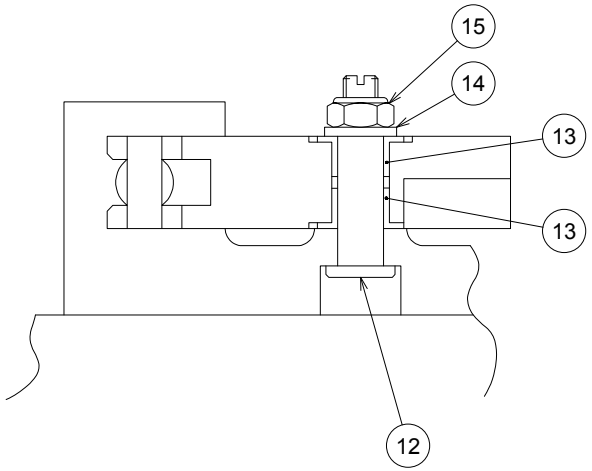
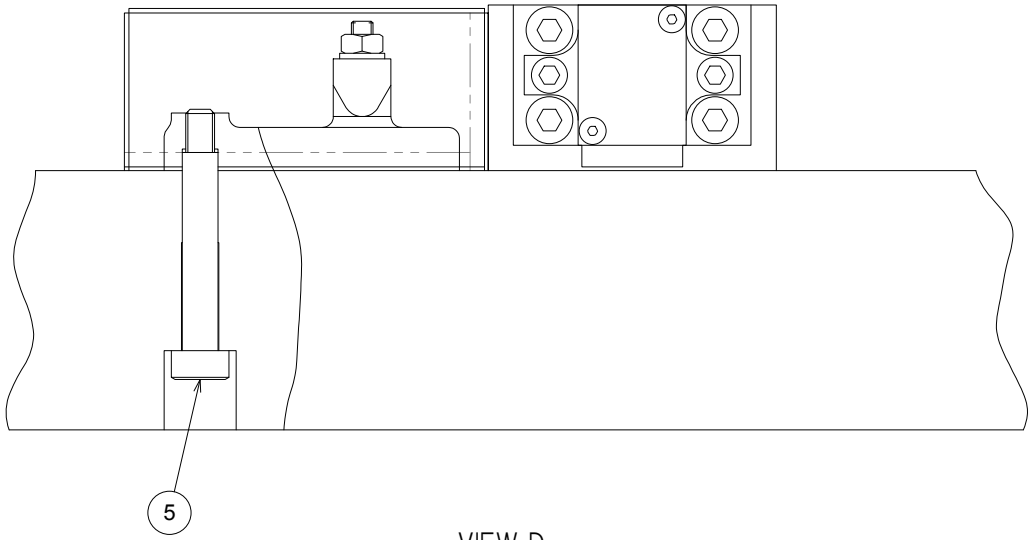
1 Brake ASSY
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 190 Turret AI(32ST-4AI)E <Brake ASSY>

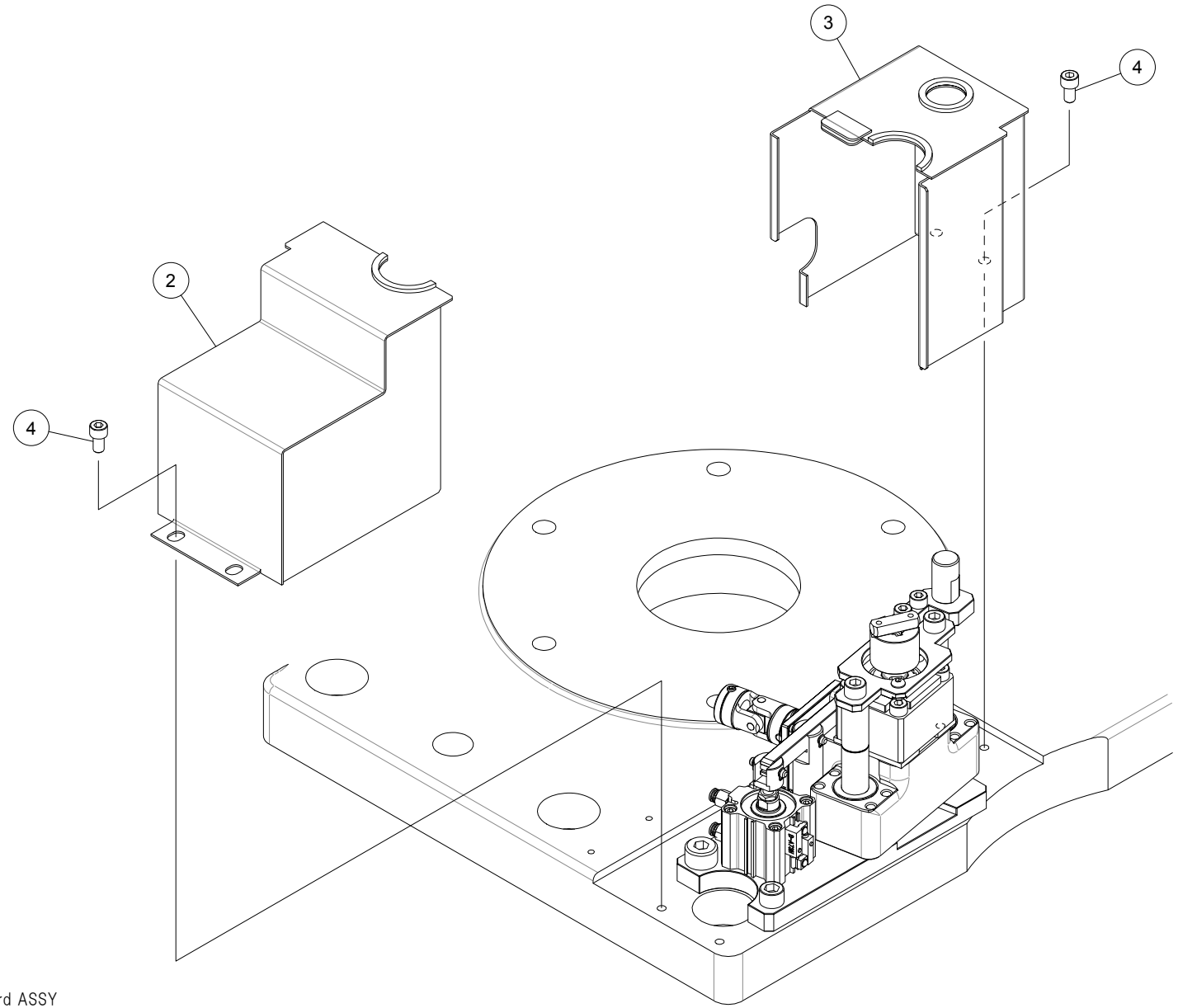
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 190 Turret AI(32ST-4AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 190 Turret AI(32ST-4AI)E <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

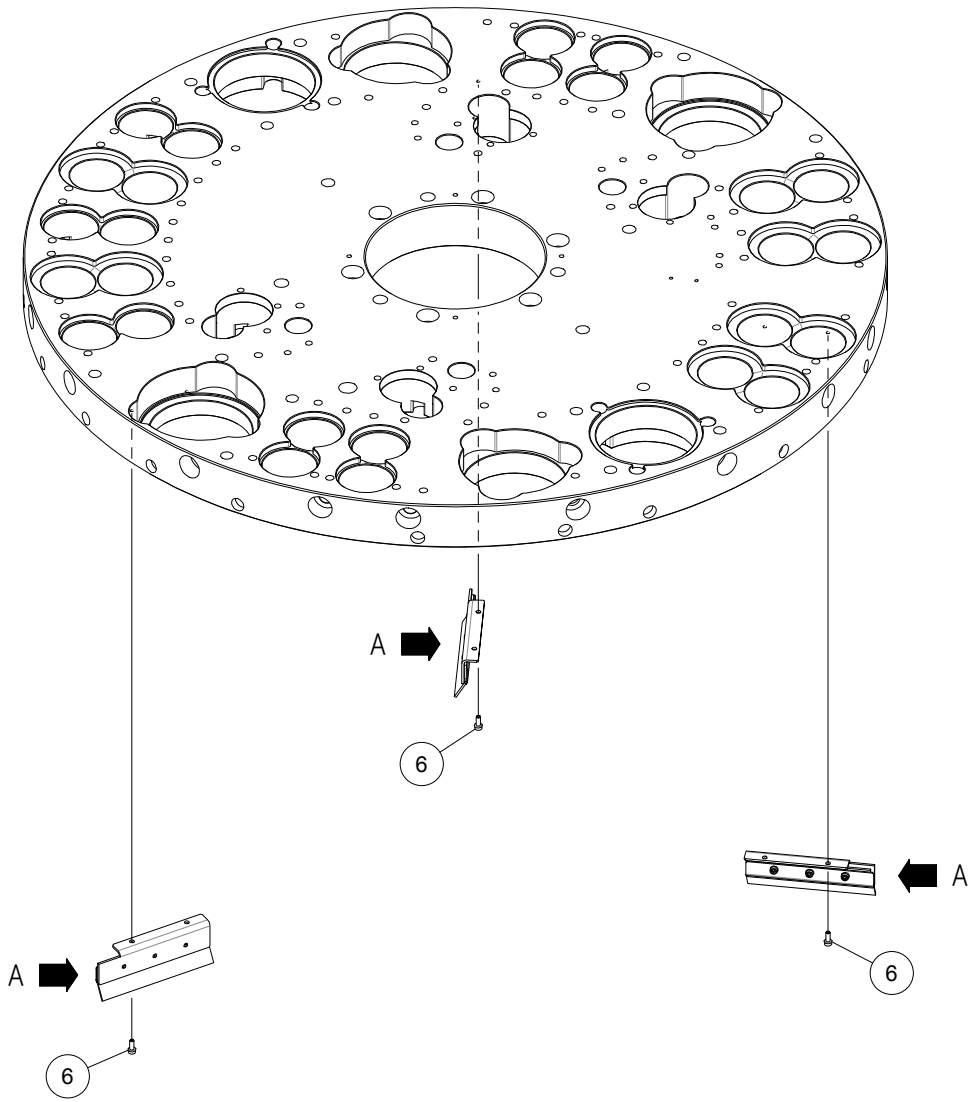


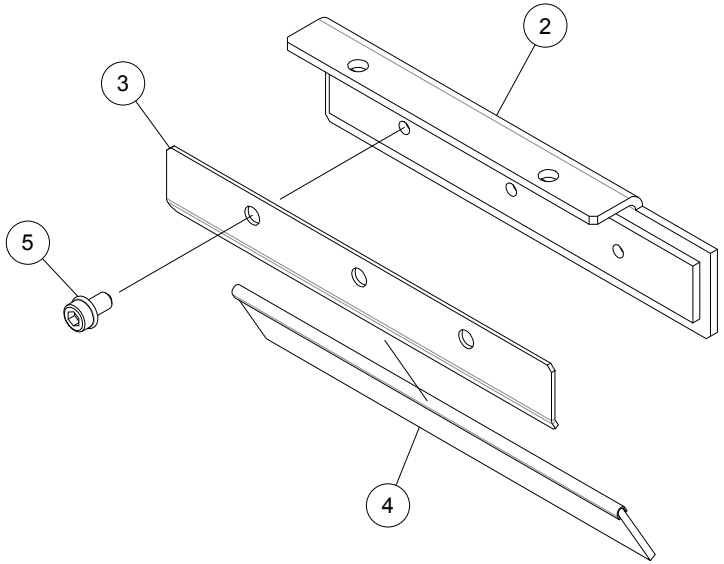
(1) Scrap Guard ASSY

MA00605---

Unit No. 191 Turret AI(32ST-4AI)E <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 / MA00728--A	Scrap Guard 1		1
3	74900405 / MA00729--A	Scrap Guard 2		1
4	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5





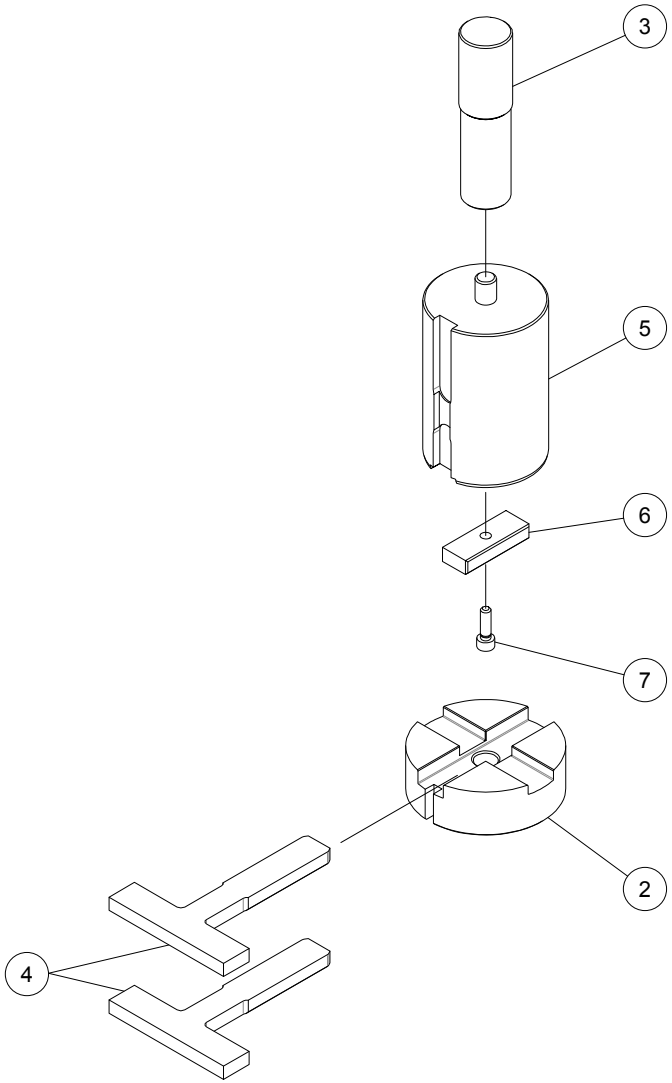
DETAIL A

(1) Scraper ASSY

MA00606---

Unit No. 192 Turret AI(32ST-4AI)E <Scraper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900372 / MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 / MA01078--A	Bracket 1		3
3	74900433 / MA01079---	Bracket 2		3
4	74900427 / MA01060---	Brush		3
5	74776775 / P330468015	Flange Socket Bolt / NISSAN NEJI	M6X10	9
6	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	6

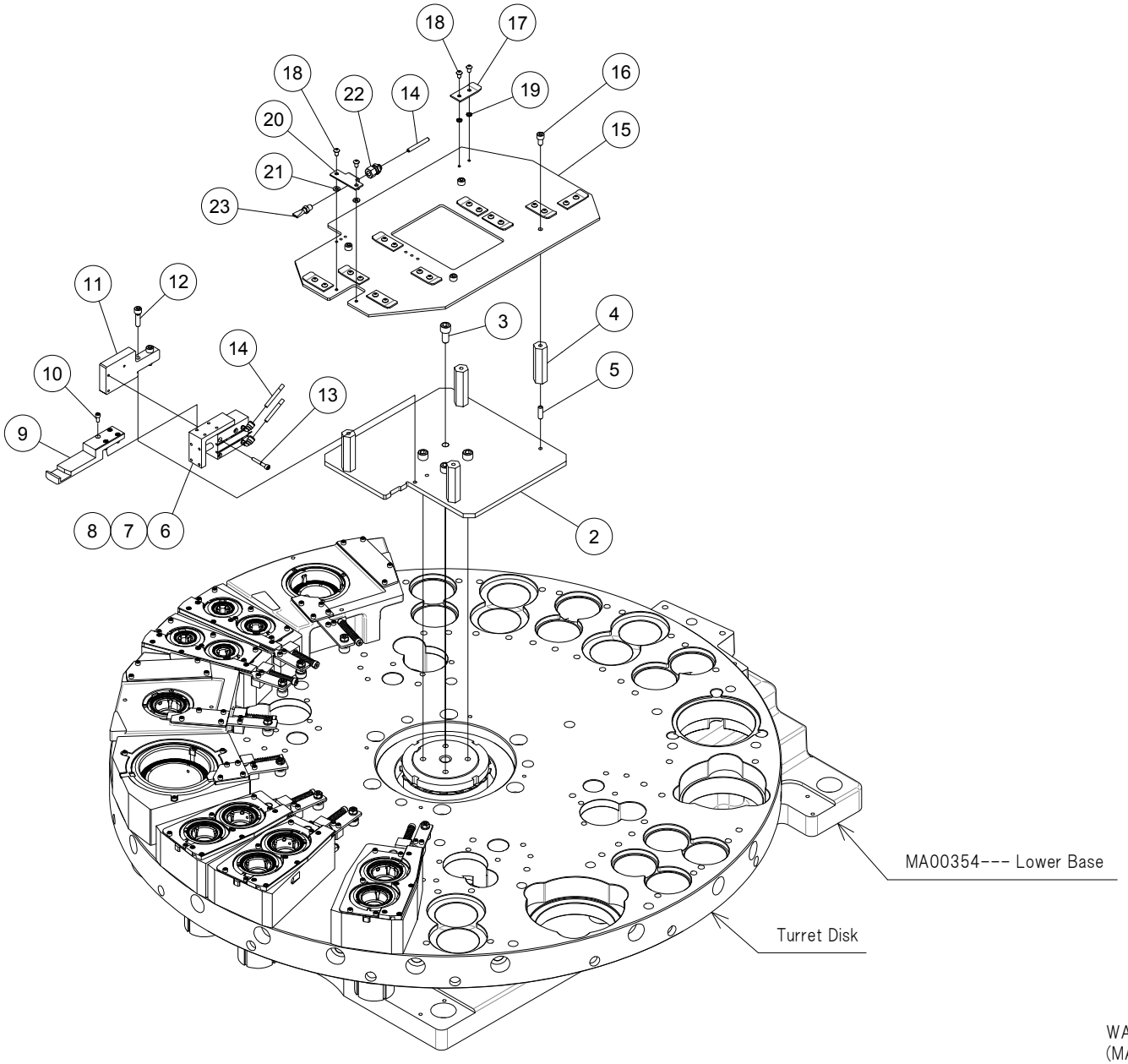


(1) 2″ Alignment Jig ASSY

0817090--B

Unit No. 193 Turret AI(32ST-4AI)E <2" Alignment Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400505 0817090--B	2" Alignment Jig ASSY	Index 2-7	1
2	74570185 0817092 B	Die Jig		1
3	74570184 6018123	Punch Jig Knob		1
4	74570187 0817094 B	T-type Jig		2
5	74570183 6018122	Punch Jig		1
6	74400506 0817093--C	Key		1
7	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1



(1) Brush Support ASSY

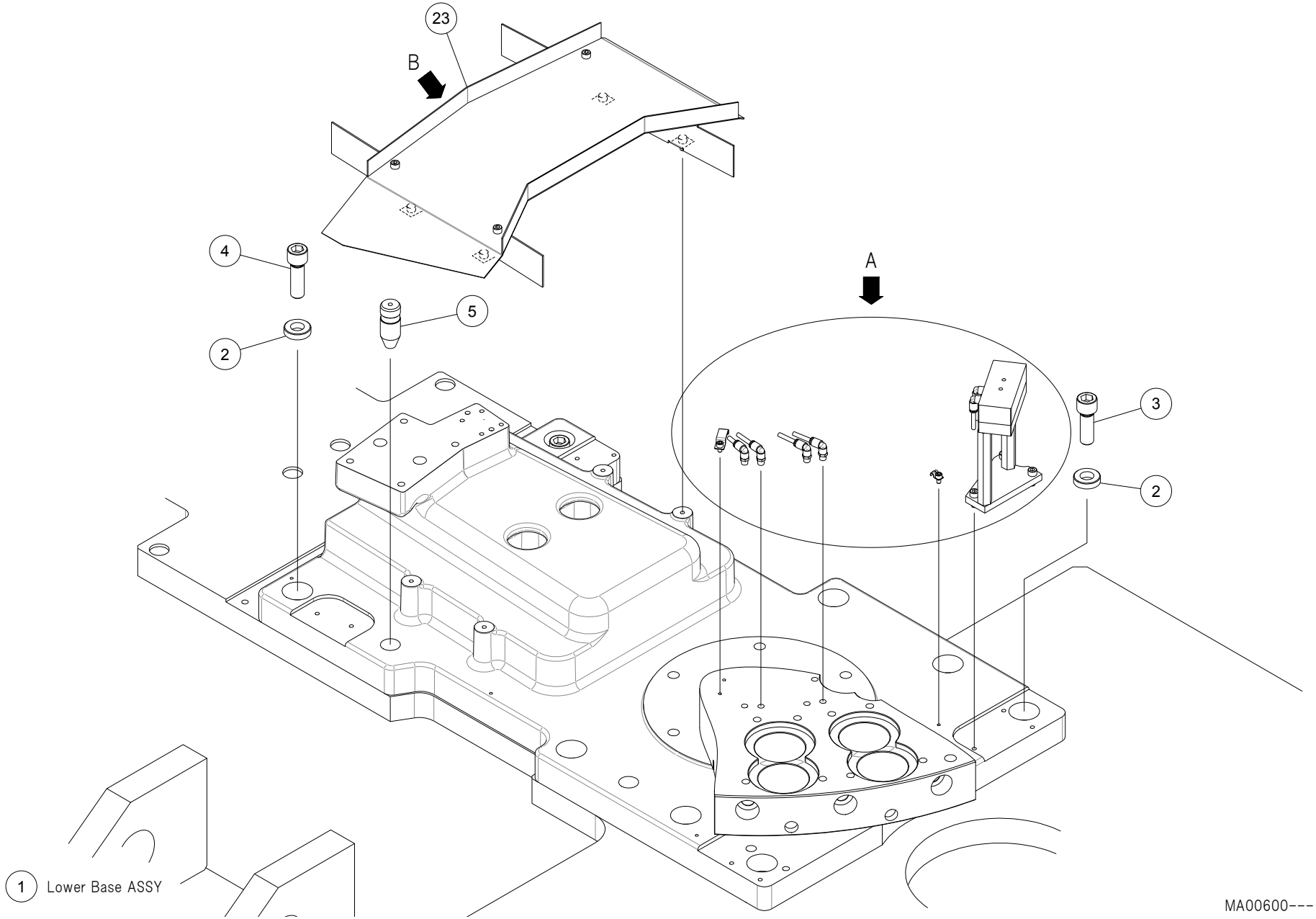
WA00370---
(MA03359---)

Unit No. 194 Turret AI(32ST-4AI)E <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 194 Turret AI(32ST-4AI)E <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1


23
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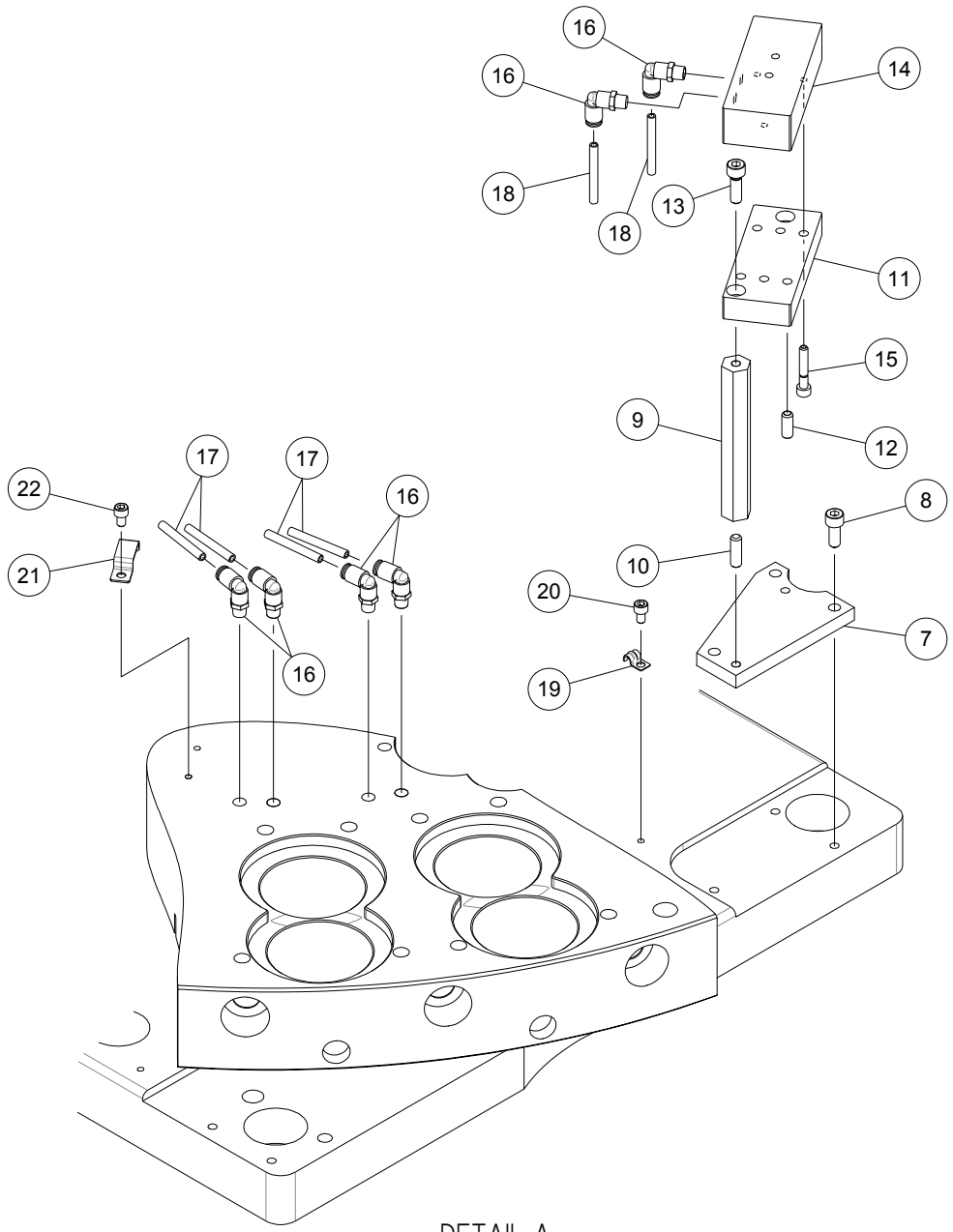
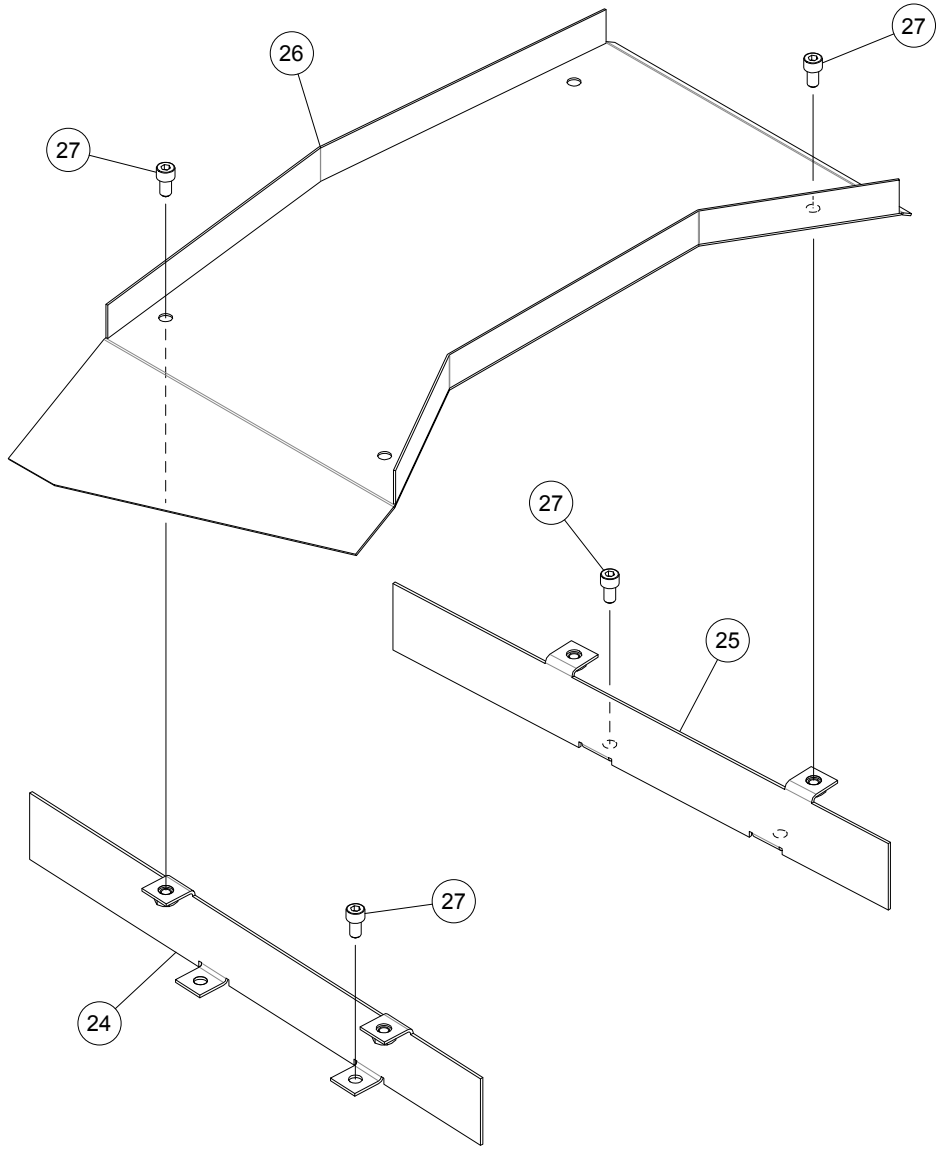
1 Lower Base ASSY
MA00600---



DETAIL A

(6) Tap Sensor Piping ASSY

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 195 Turret AI(32ST-4AI)D-1/2"AI <Lower Base ASSY>

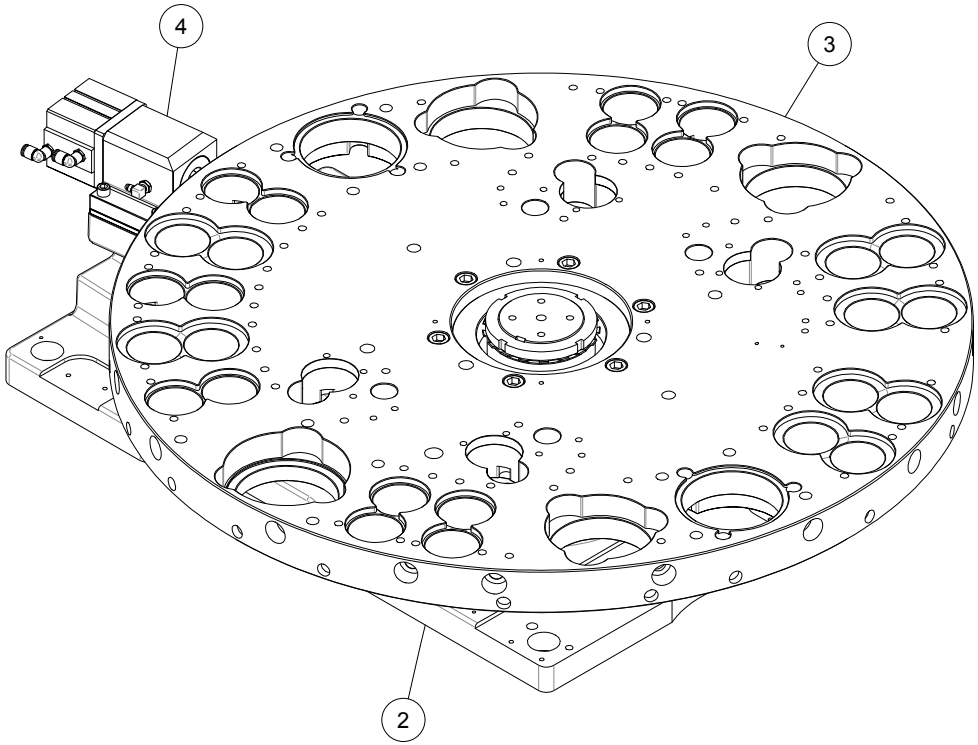
Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

Unit No. 195 Turret AI(32ST-4AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 195 Turret AI(32ST-4AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8

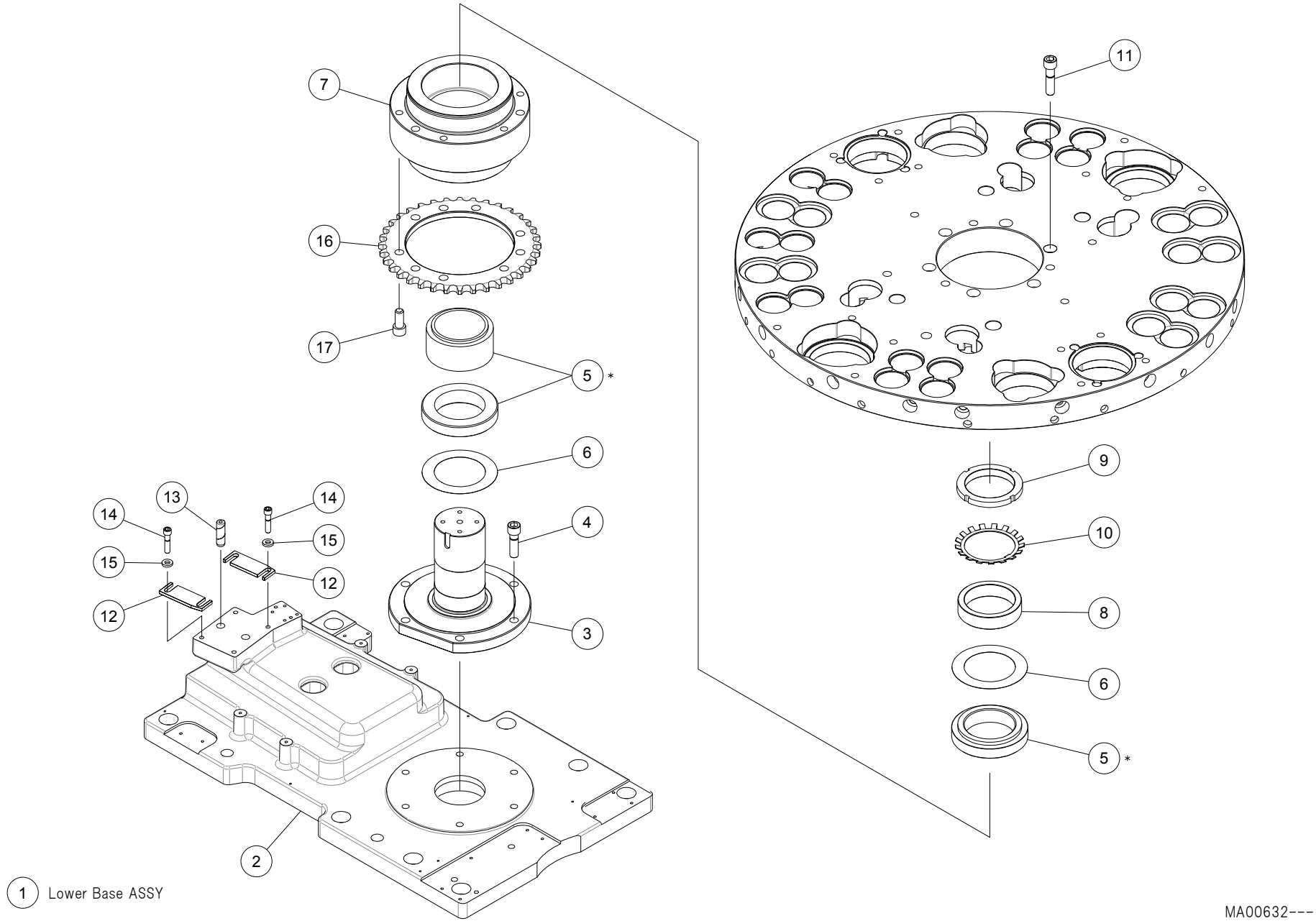


(1) Lower Turret ASSY 32ST-4AI D-1/2″AI

MA04945---

Unit No. 196 Turret AI(32ST-4AI)D-1/2"AI <Lower Turret ASSY 32ST-4AI D-1/2"AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04945---	Lower Turret ASSY 32ST-4AI D-1/2"AI	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	MA04946---	32ST-D Disk ASSY Lower		1
4	74900326 6875464	Index Pin ASSY		1

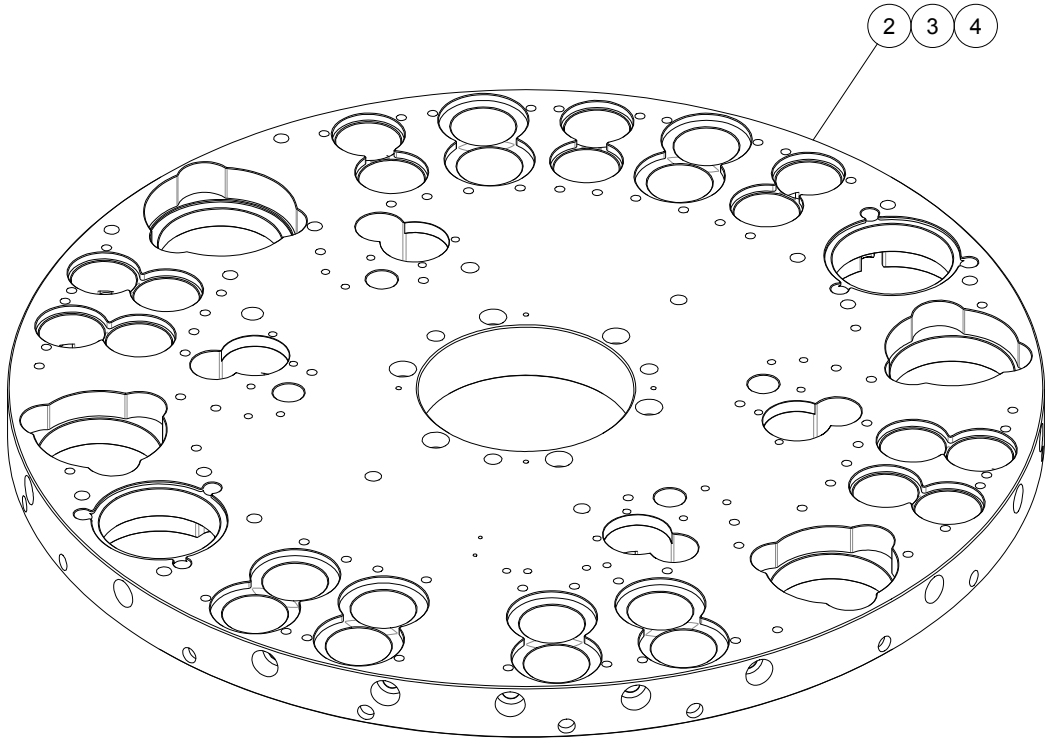

7
16
17
5 *
6
4
3
2
14
13
14
15
15
12
12
11
9
10
8
6
5 *
1 Lower Base ASSY
MA00632---

Unit No. 197 Turret AI(32ST-4AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00632---	Lower Base ASSY	Index 2-17	1
2	74900351 MA00354--A	Lower Base		1
3	74900373 MA00633--A	Bearing Shaft Lower		1
4	74776766 P330270009	Hex Socket Cap Screw	M20X70	6
5	74569663 7830623 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74421315 6827302	Collar		2
7	74900374 MA00634---	Bearing Housing Lower		1
8	74900375 MA00635---	Collar		1
9	74421248 0811674 B	Crown Nut		1
10	74303123 P406040019	Locking Washer JIS	AW-24	1
11	74776767 P330270011	Hex Socket Cap Screw	M20X80	6
12	74577424 6812556	Spacer		2

Unit No. 197 Turret AI(32ST-4AI)D-1/2"AI <Lower Base ASSY>

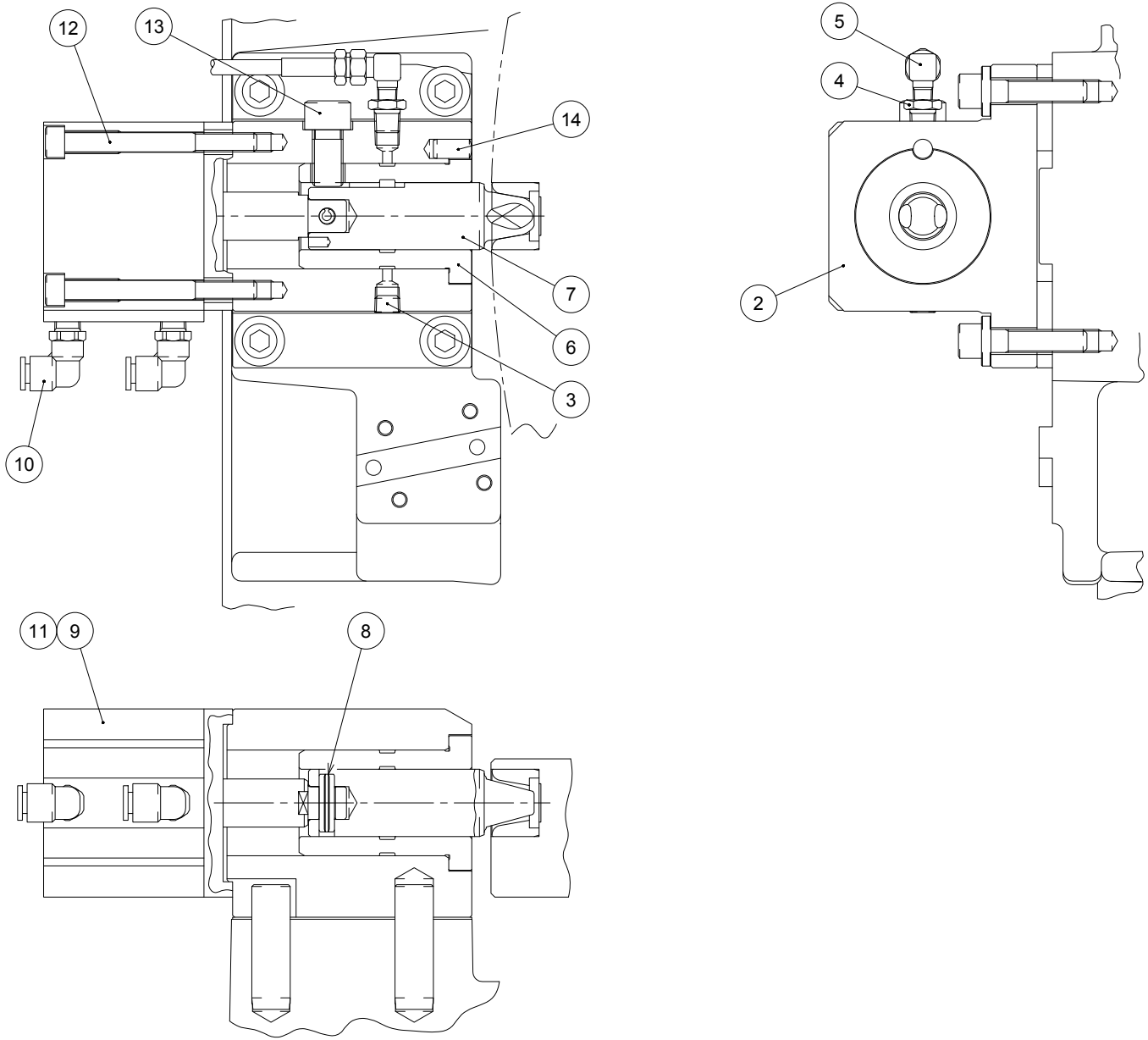
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6



1	32ST-D Disk ASSY Lower	MA04946--- (MA04944---)

Unit No. 198 Turret AI(32ST-4AI)D-1/2"AI <32ST-D Lower Disk ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04946---	32ST-D Disk ASSY Lower	Index 2-4	1
2	74900896 MA04944---	32ST Lower Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



(1) Index Pin ASSY

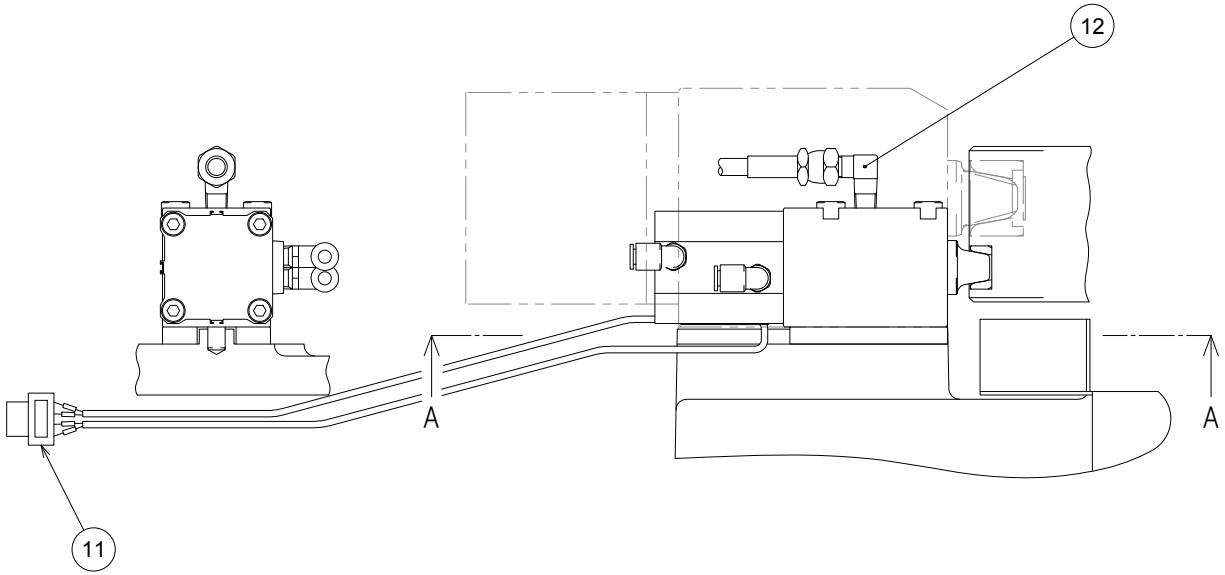
6875464
(6875460#1F)
(6875460#2C)

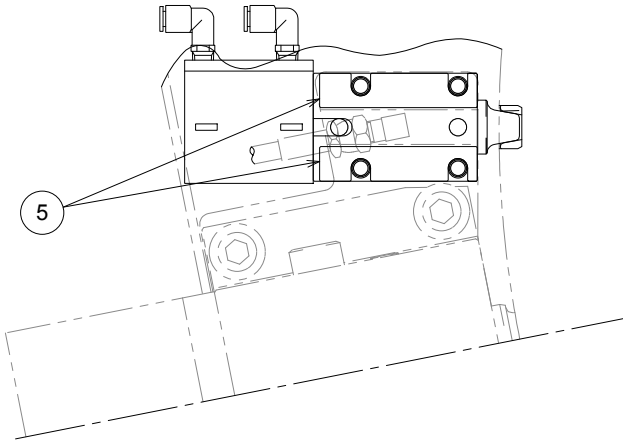
Unit No. 199 Turret AI(32ST-4AI)D-1/2"AI <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

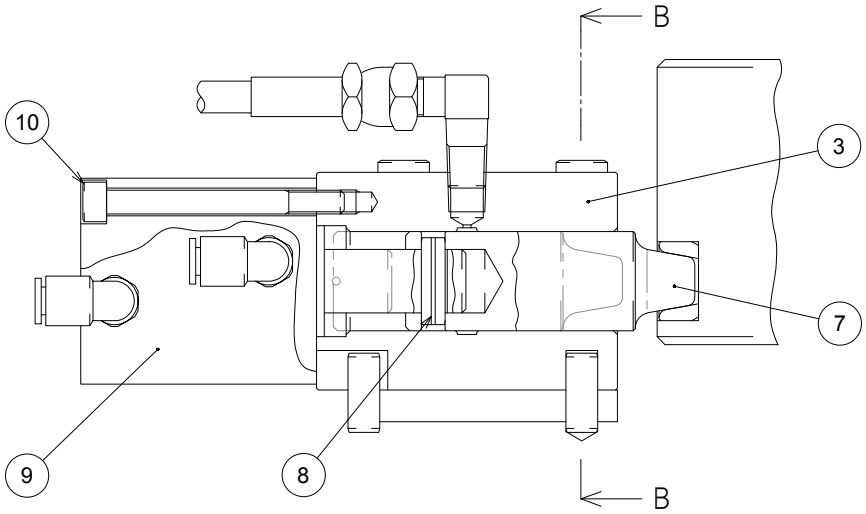
Unit No. 199 Turret AI(32ST-4AI)D-1/2"AI <Index Pin ASSY>

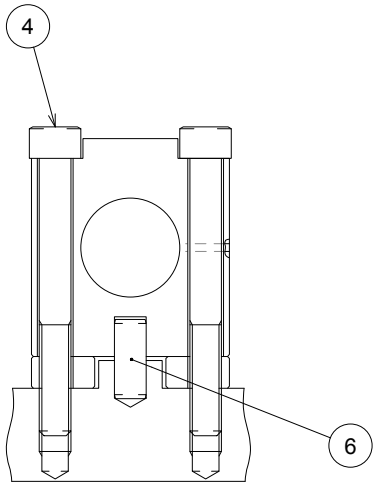
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





SECTION B-B

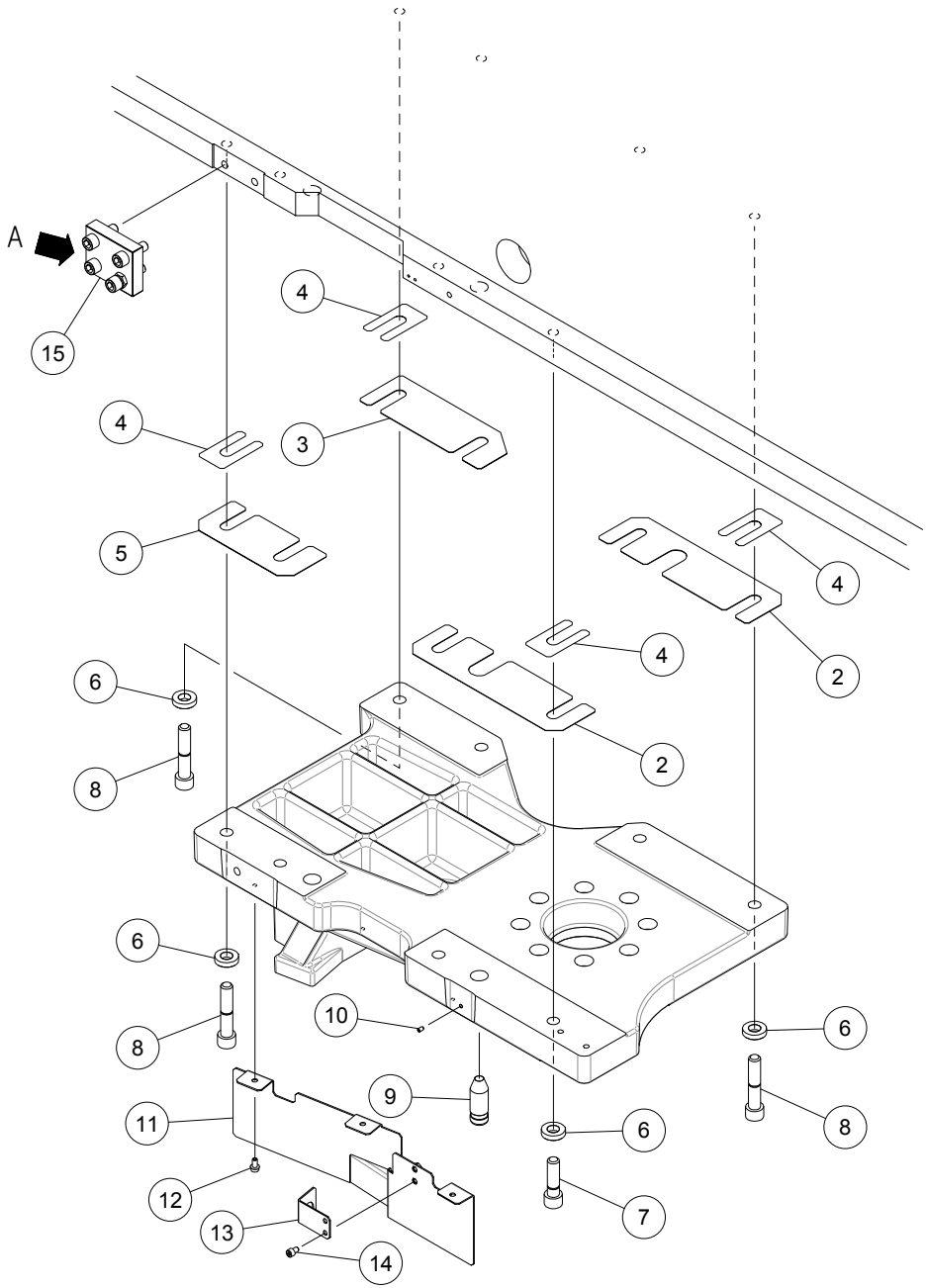
1 Lower Base PDC ASSY

2 Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

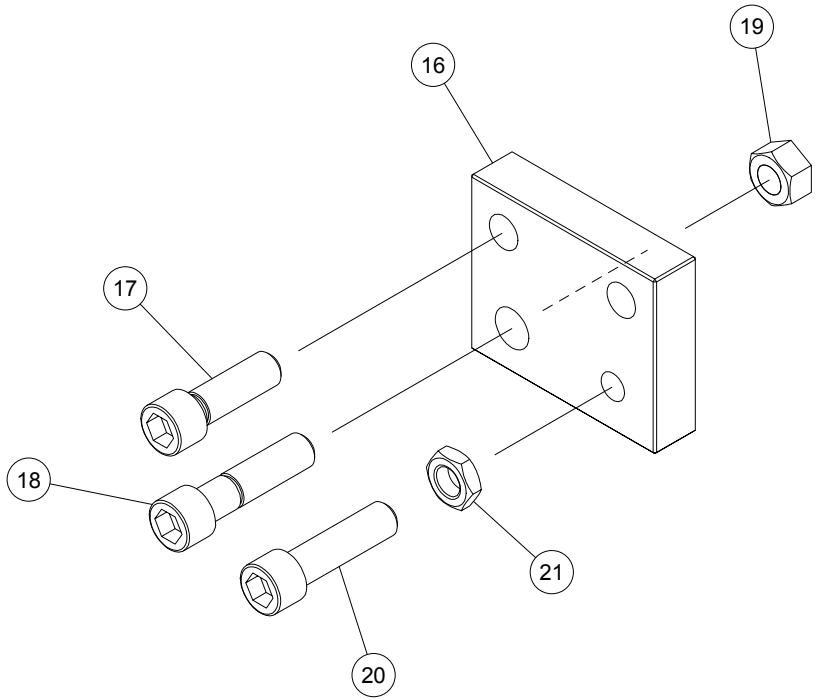
Unit No. 200 Turret AI(32ST-4AI)D-1/2"AI <Lower Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

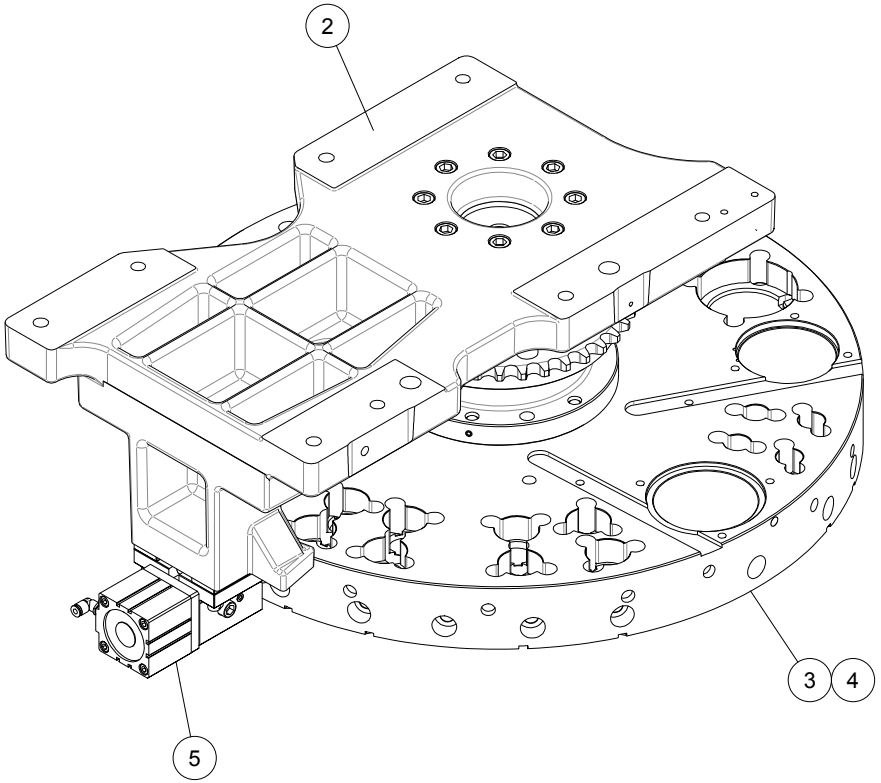
MA00642---

Unit No. 201 Turret AI(32ST-4AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00602---	Upper Base ASSY	Index 2-21	1
2	74900376 MA00639--A	Shim A		2
3	74900377 MA00640---	Shim B		1
4	74900380 MA00645---	Shim E		4
5	74900378 MA00641--A	Shim C		1
6	74159434 0821009 B	Washer		8
7	74776766 P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 6892024 A	Locating Pin		2
10	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Type)	1
11	74900461 MA02408--B	Chain Cover		1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 201 Turret AI(32ST-4AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1

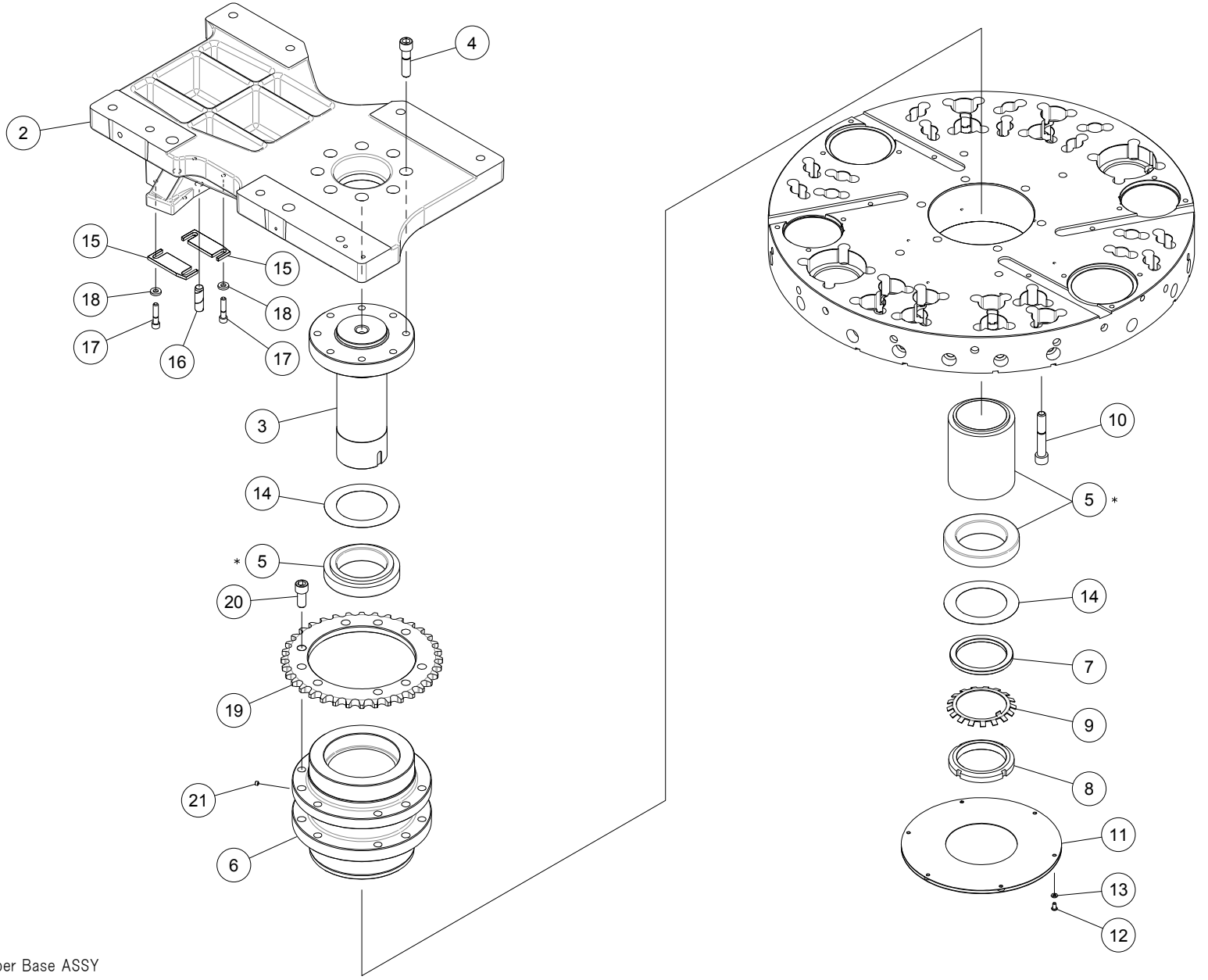


(1) Upper Turret ASSY 32ST-4AI D-1/2"AI

MA00637---

Unit No. 202 Turret AI(32ST-4AI)D-1/2"AI <Upper Turret ASSY 32ST-4AI D-1/2"AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04947---	Upper Turret ASSY 32ST-4AI D-1/2"AI	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	MA04948---	32ST-D Disk ASSY Upper		1
4	MA00615---	32ST Tool ASSY		1
5	74900326 6875464	Index Pin ASSY		1



(1) Upper Base ASSY

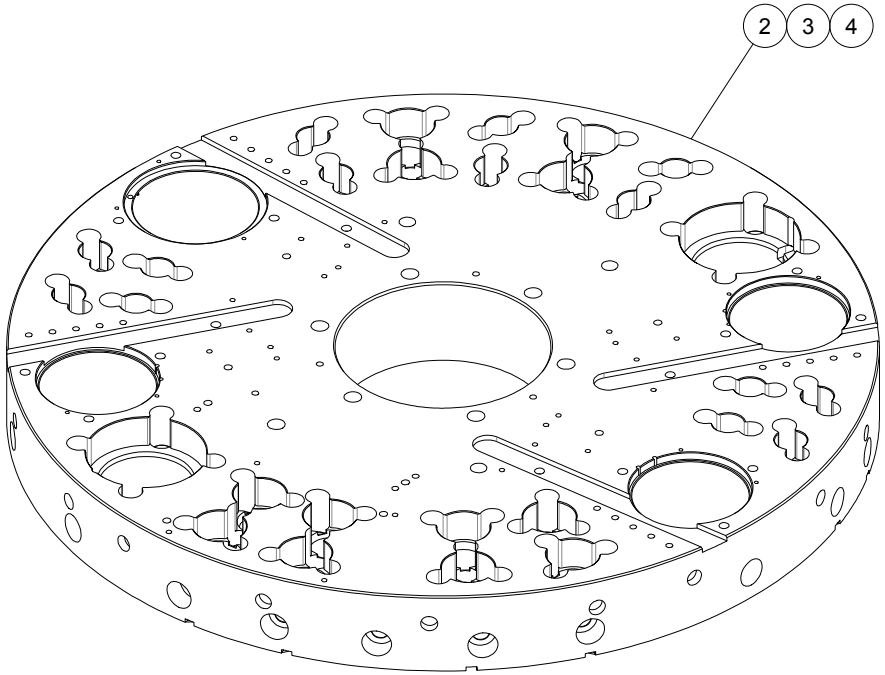
MA00637---

Unit No. 203 Turret AI(32ST-4AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 MA00352--B	Upper Base		1
3	74569656 6812552 A	Bearing Shaft Upper		1
4	74776767 P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 7830622 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74379117 6530296	Bearing Housing Upper		1
7	74379119 6530298	Collar		1
8	74421248 0811674 B	Crown Nut		1
9	74303123 P406040019	Locking Washer JIS	AW-24	1
10	74900649 P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 6530299 A	Cap		1
12	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 203 Turret AI(32ST-4AI)D-1/2"AI <Upper Base ASSY>

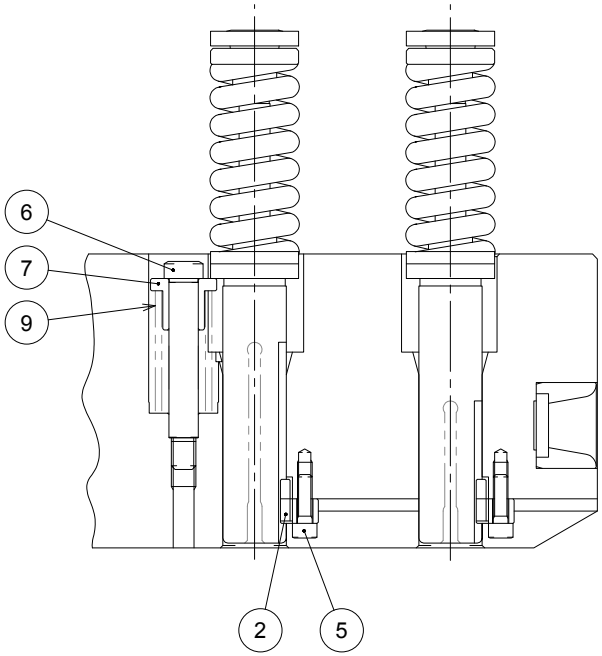
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1



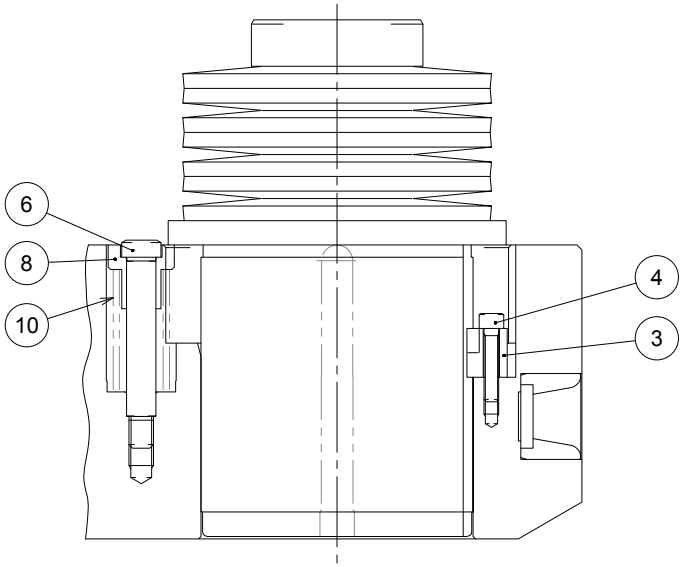
1	32ST-D Disk ASSY Upper	MA04948--- (MA04943---)

Unit No. 204 Turret AI(32ST-4AI)D-1/2"AI <32ST-D Upper Disk ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04948---	32ST-D Disk ASSY Upper	Index 2-4	1
2	74901445 MA04943---	32ST-D Upper Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



1/2″,1-1/4″



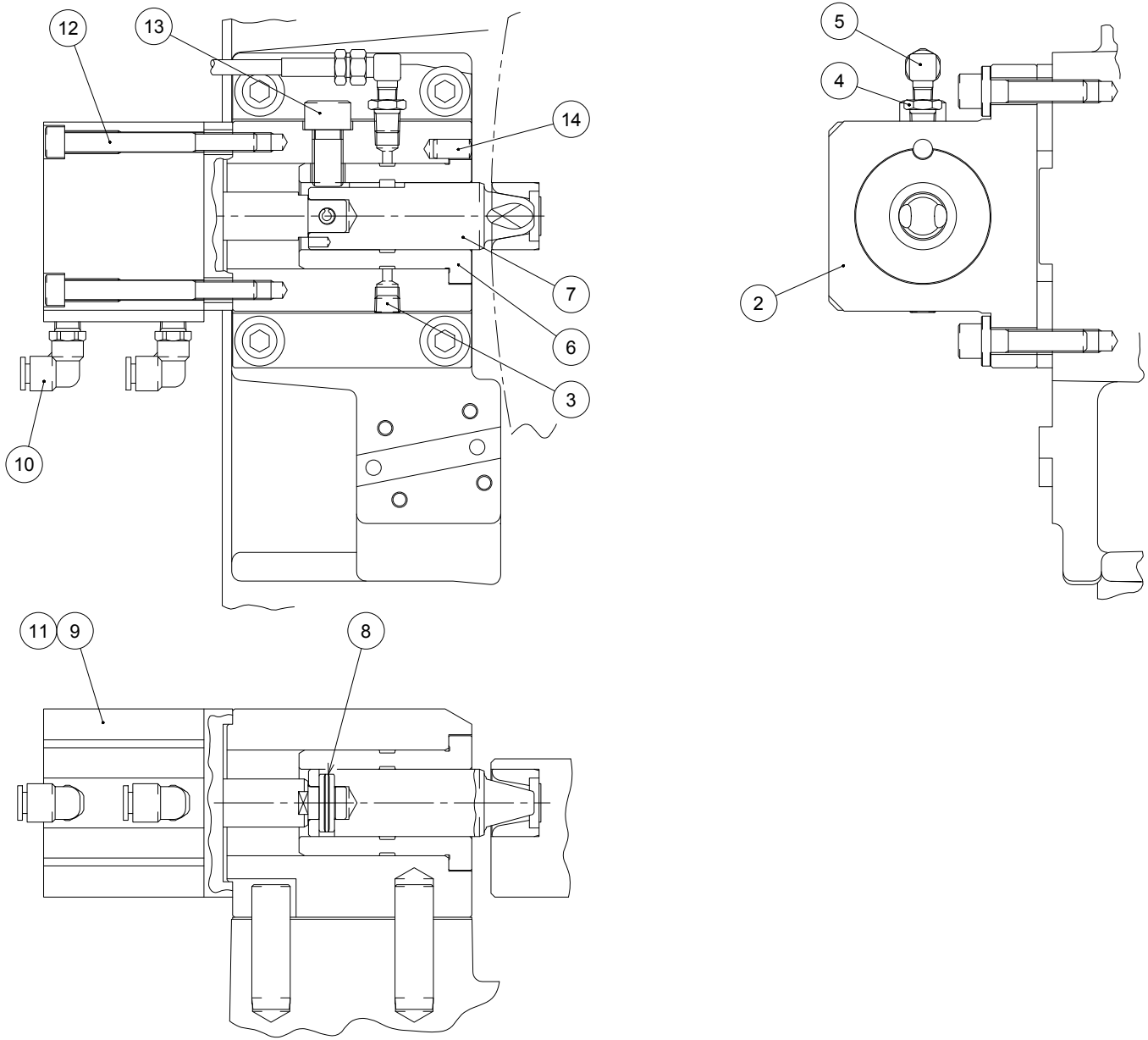
3-1/2″

(1) 32ST Tool ASSY

MA00615---
(MA00616---)
(6812834)

Unit No. 205 Turret AI(32ST-4AI)D-1/2"AI <32ST Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00615---	32ST Tool ASSY	Index 2-10	1
2	74903475 3008133--A	1/2" Guide Key		26
3	74569852 6812865	3-1/2" Guide Key		2
4	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
5	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	26
6	74569846 3204978	Shoulder Screw		67
7	74165223 5500217 B	Lifter Collar		59
8	74165219 5501009 C	Lifter Ring		8
9	74569847 3200854	Spring 1/2"1-1/4"2"		59
10	74569851 3204979 A	Spring 3-1/2"4-1/2"		8



(1) Index Pin ASSY

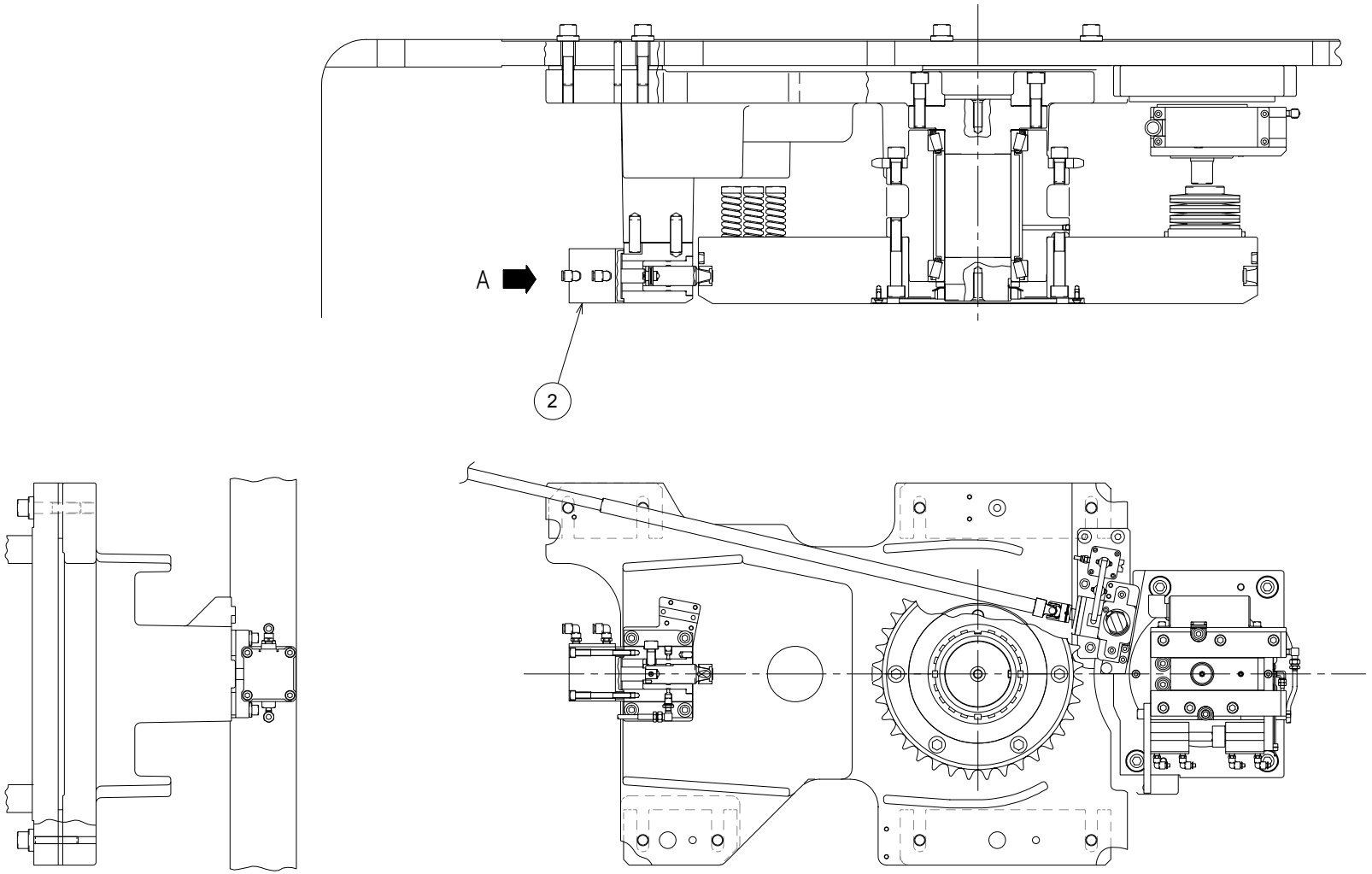
6875464
(6875460#1F)
(6875460#2C)

Unit No. 206 Turret AI(32ST-4AI)D-1/2"AI <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K / with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

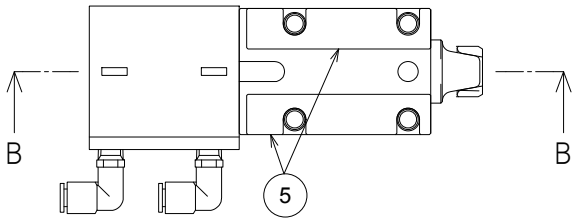
Unit No. 206 Turret AI(32ST-4AI)D-1/2"AI <Index Pin ASSY>

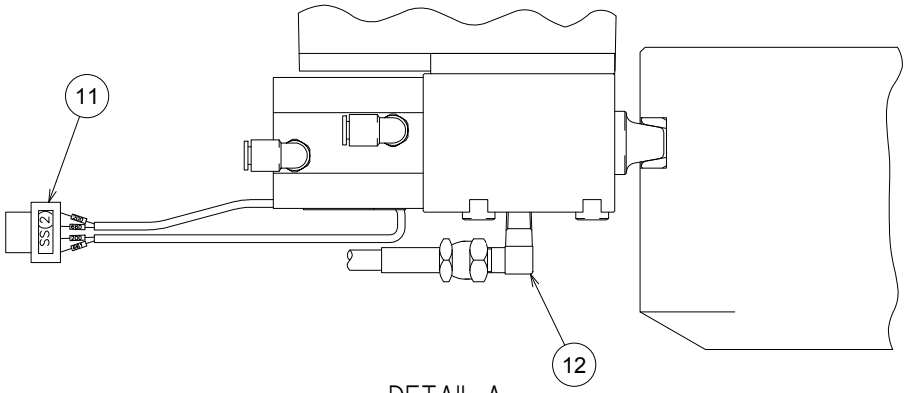
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1



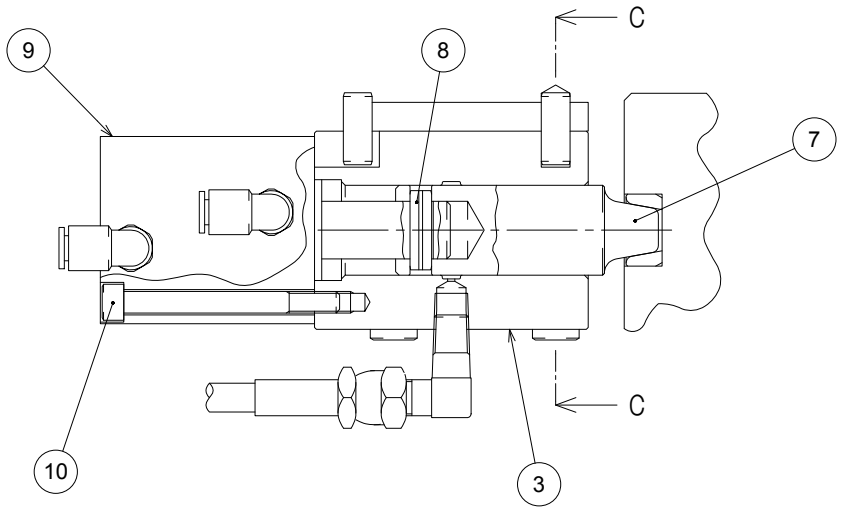
(1) Upper Base PDC ASSY

CE00571---
(6875470--H)

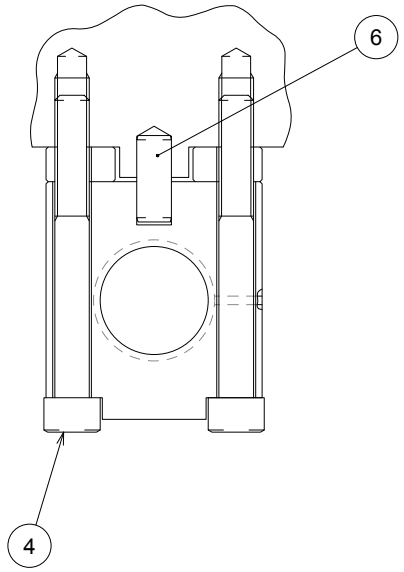




DETAIL A



SECTION B-B

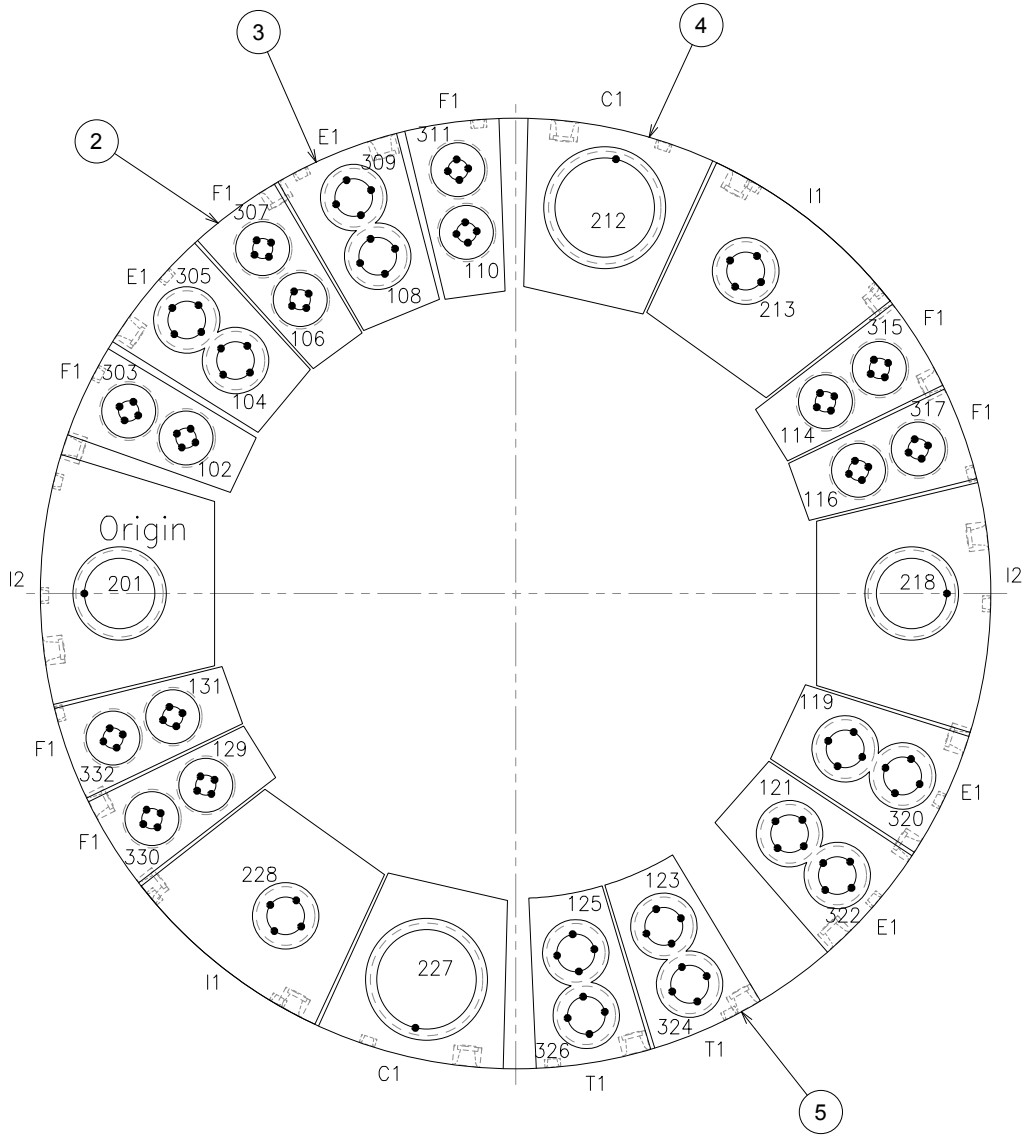


SECTION C-C

CE00571---
(6875470--H)

Unit No. 207 Turret AI(32ST-4AI)D-1/2"AI <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1

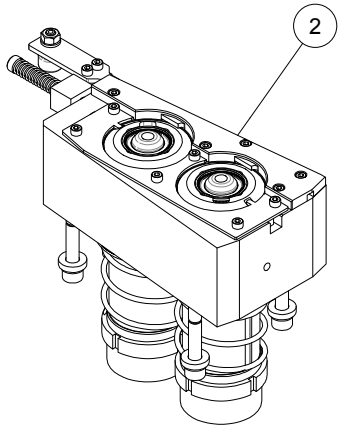


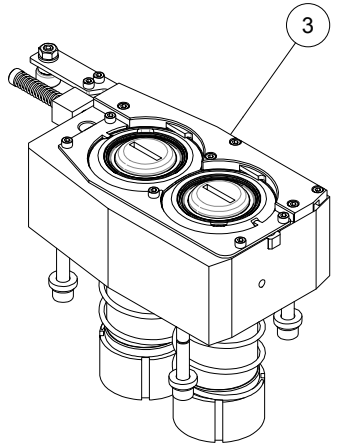
<32ST Die Holder Layout>

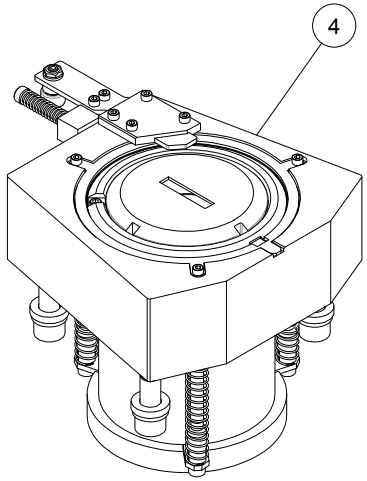
記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
C1	3·1/2"	MA00252--A	MA00254---	2	2
E1	1·1/4"	MA00591--A	MA01267---	4	8
F1	1/2"	MA00569--A	MA00571---	7	14
I1	AI (1·1/4")		MA01267---	2	2
I2	AI (2")		MA00268---	2	2
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		32

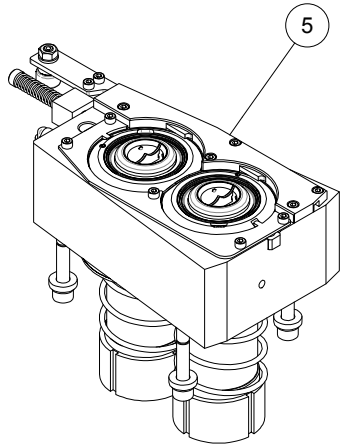
(1) 32ST Lower Tool Kit

MA01260---
(MA00612---)





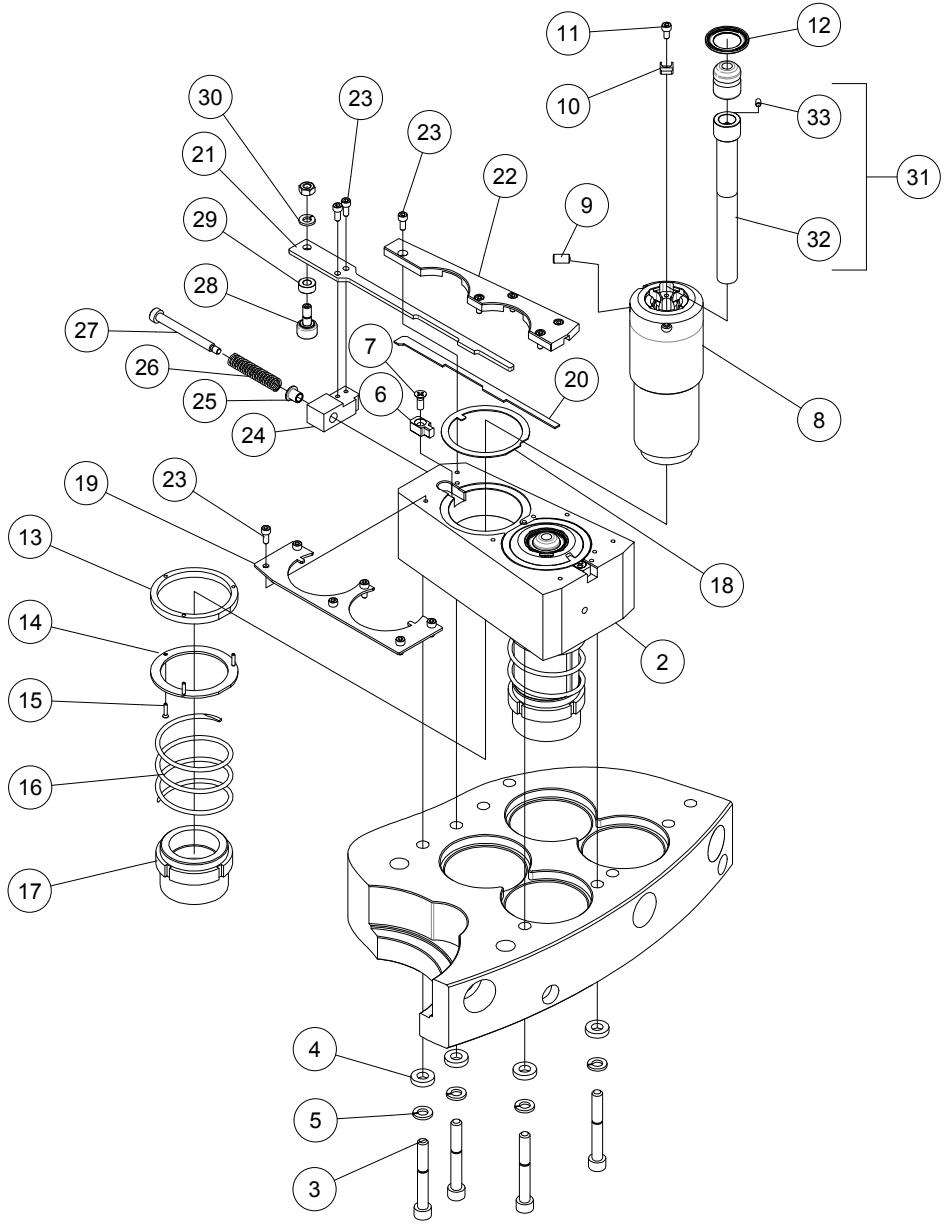




MA01260---

Unit No. 208 Turret AI(32ST-4AI)D-1/2"AI <32ST Lower Tool Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01260---	32ST Lower Tool Kit	Index 2-5	1
2	74403007 / MA08296---	1/2" Die Holder ASSY		7
3	74403008 / MA08294---	1-1/4" Die Holder ASSY		4
4	74900746 / MA00251--A	3-1/2" Die Holder ASSY		2
5	MA08301---	Tap Die Holder ASSY		2



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 209 Turret AI(32ST-4AI)D-1/2"AI <1/2" Die Holder ASSY>

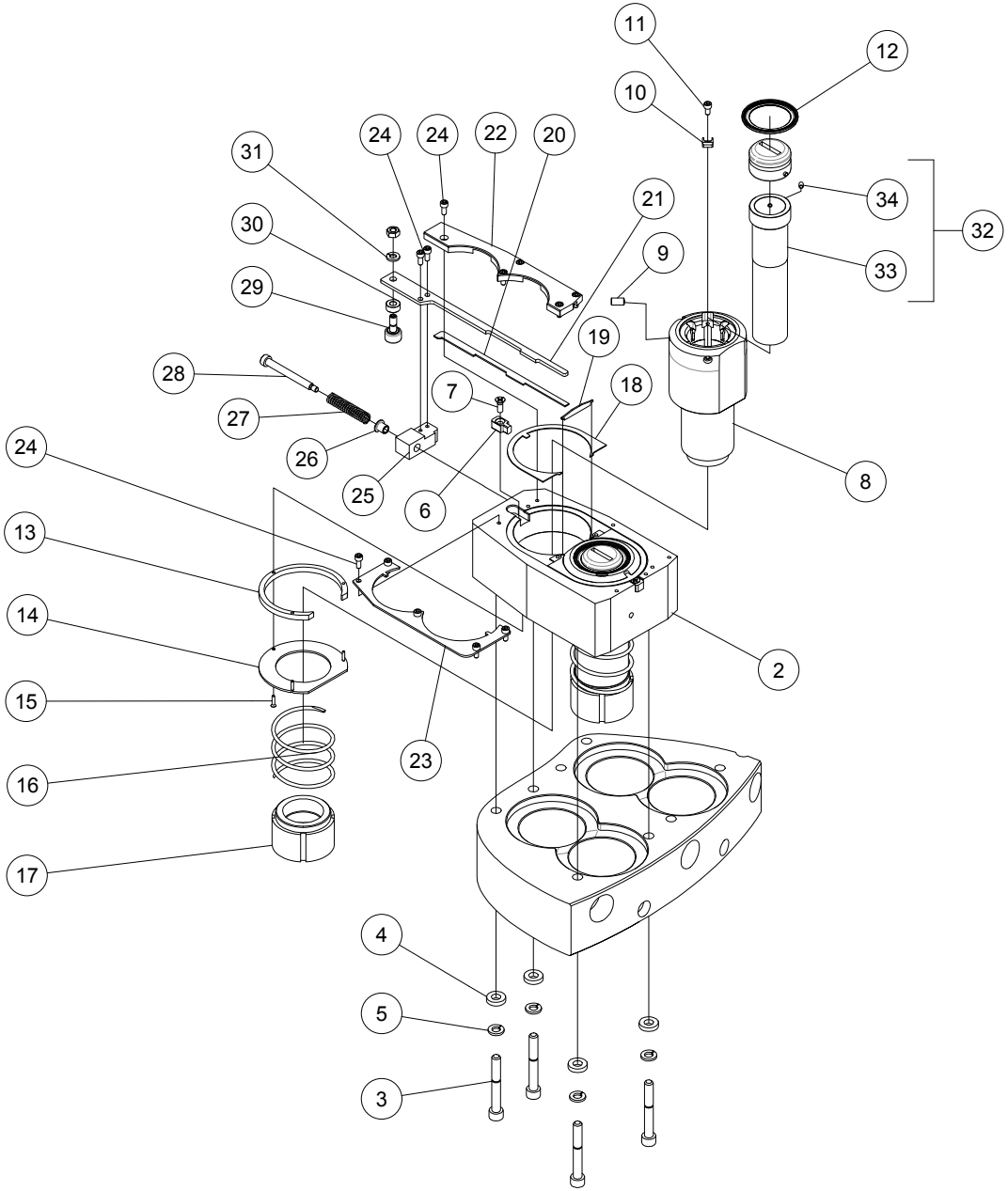
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

Unit No. 209 Turret Al(32ST-4Al)D-1/2"Al <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 209 Turret Al(32ST-4Al)D-1/2"Al <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1



(1) 1-1/4" Die Holder ASSY

MA08294---

Unit No. 210 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" Die Holder ASSY>

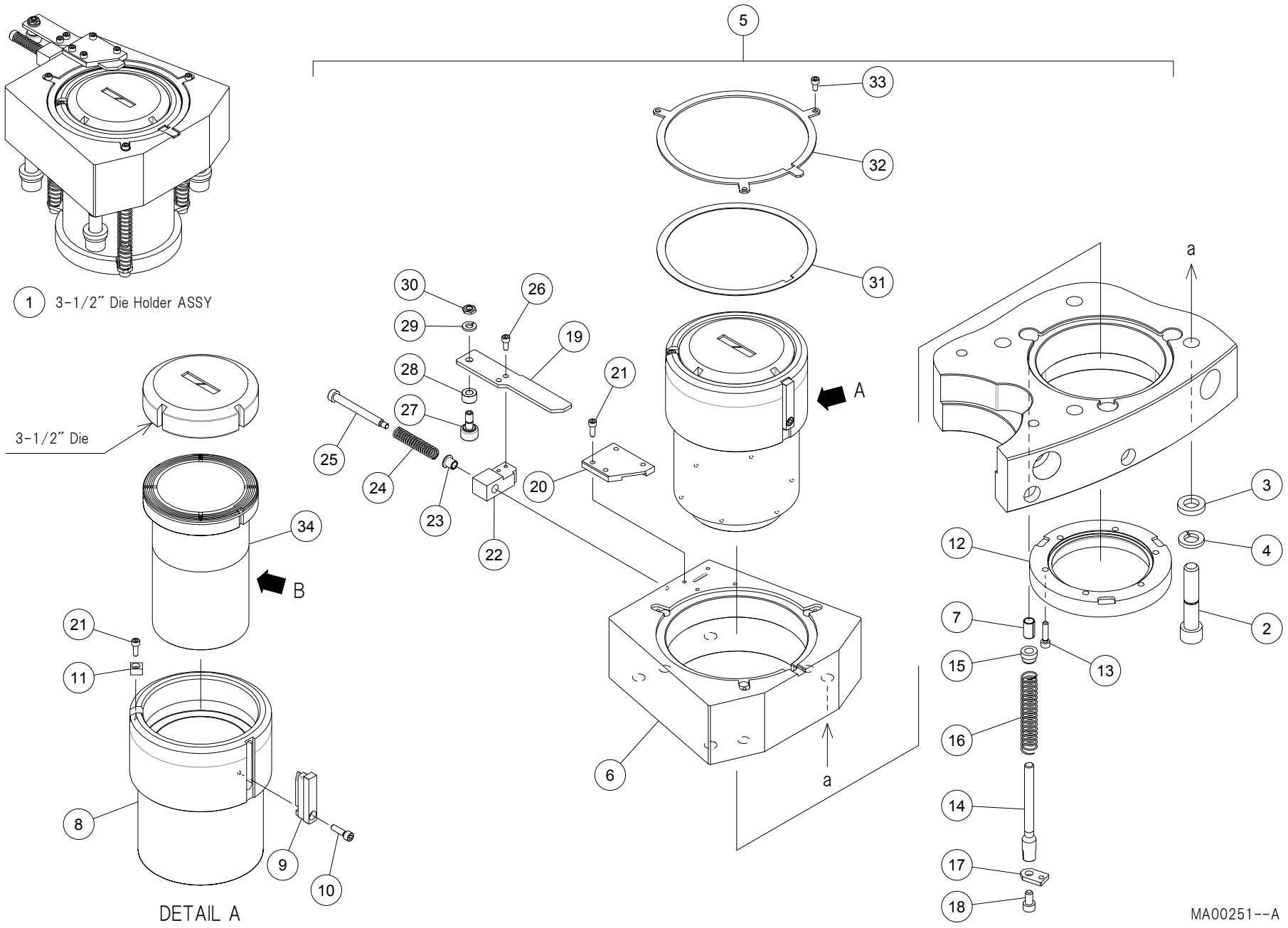
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

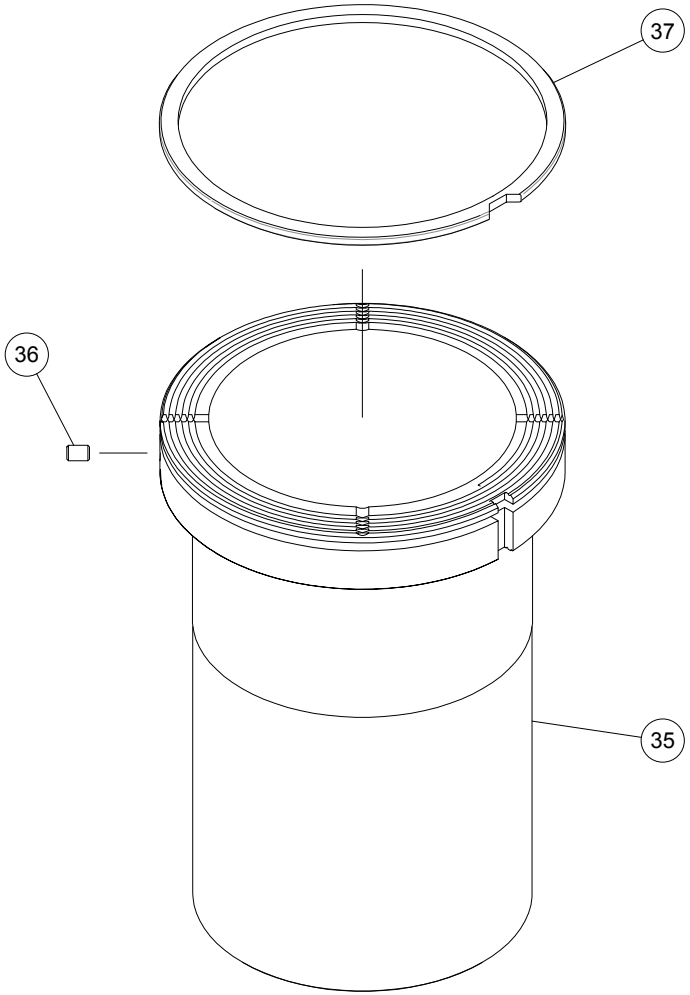
Unit No. 210 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 210 Turret Al(32ST-4Al)D-1/2"Al <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	 7421419	Pin 1-1/4"		1


1 3-1/2″ Die Holder ASSY
3-1/2″ Die
DETAIL A
MA00251--A



DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 211 Turret AI(32ST-4AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900498 SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 MA00252--A	Die Holder 3-1/2"		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74900337 MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74900339 MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 211 Turret AI(32ST-4AI)D-1/2"AI <3-1/2" Die Holder ASSY>

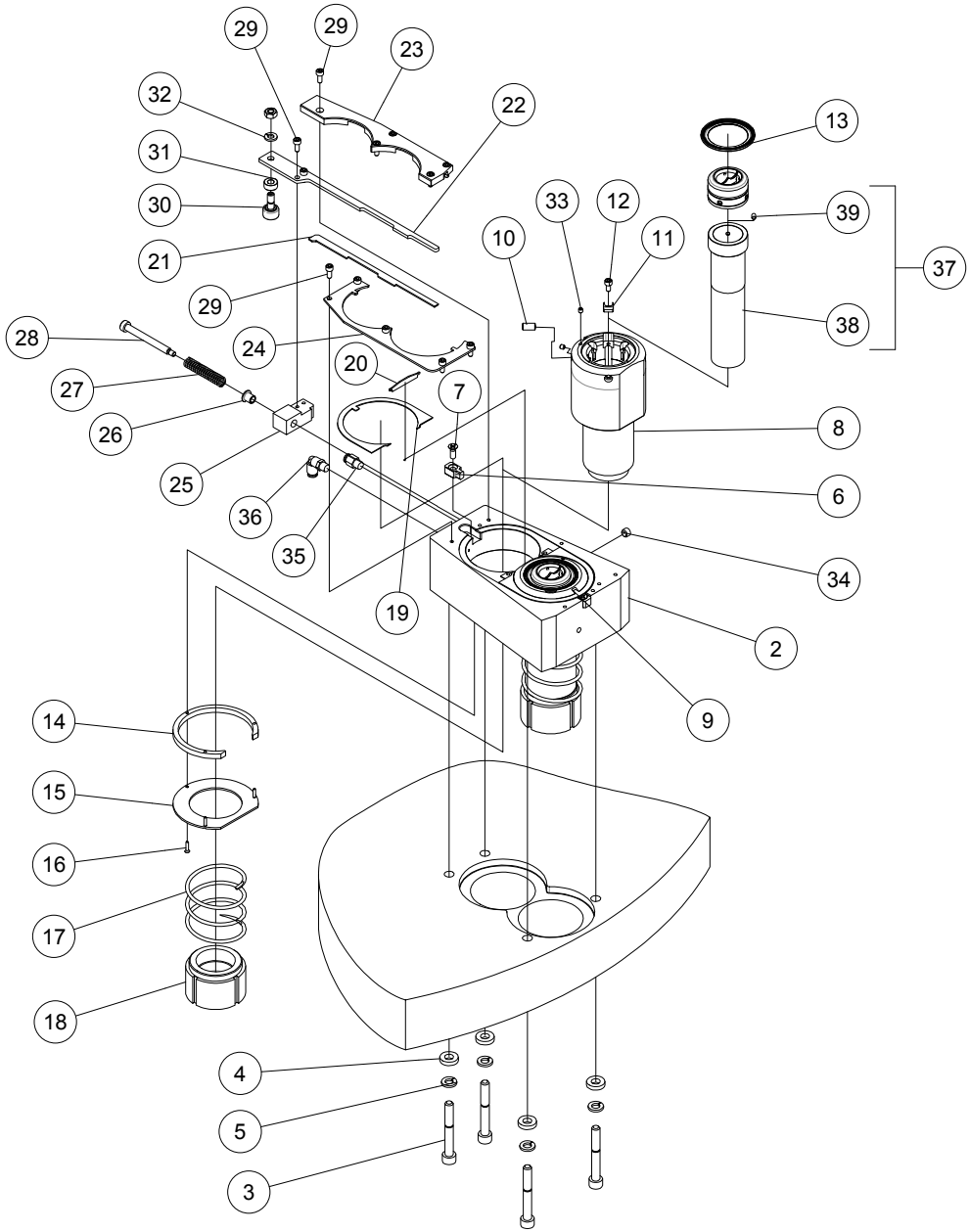
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

Unit No. 211 Turret AI(32ST-4AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 211 Turret AI(32ST-4AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1



(1) Tap Die Holder ASSY

MA08301---

Unit No. 212 Turret AI(32ST-4AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 212 Turret AI(32ST-4AI)D-1/2"AI <Tap Die Holder ASSY>

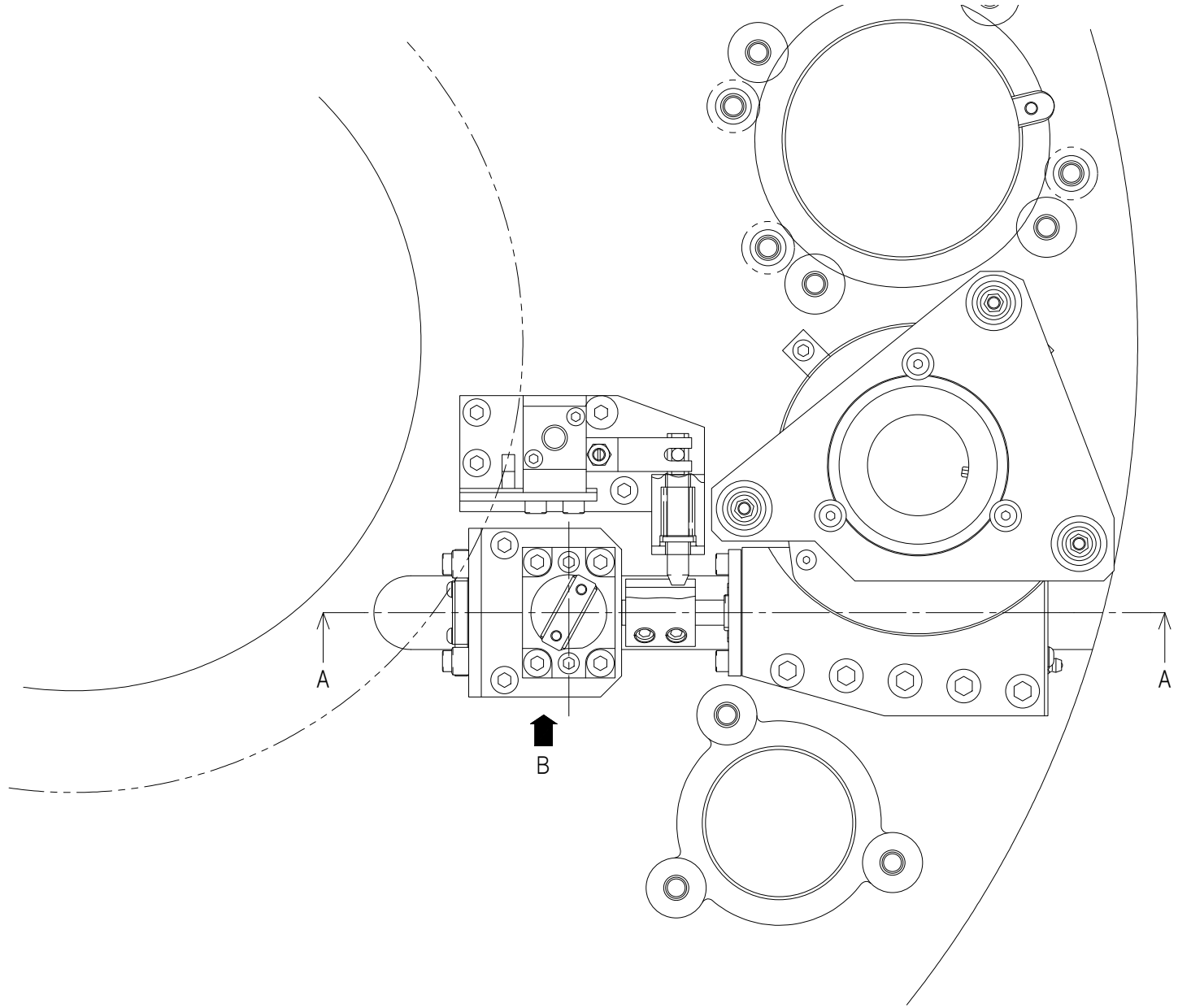
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

Unit No. 212 Turret AI(32ST-4AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

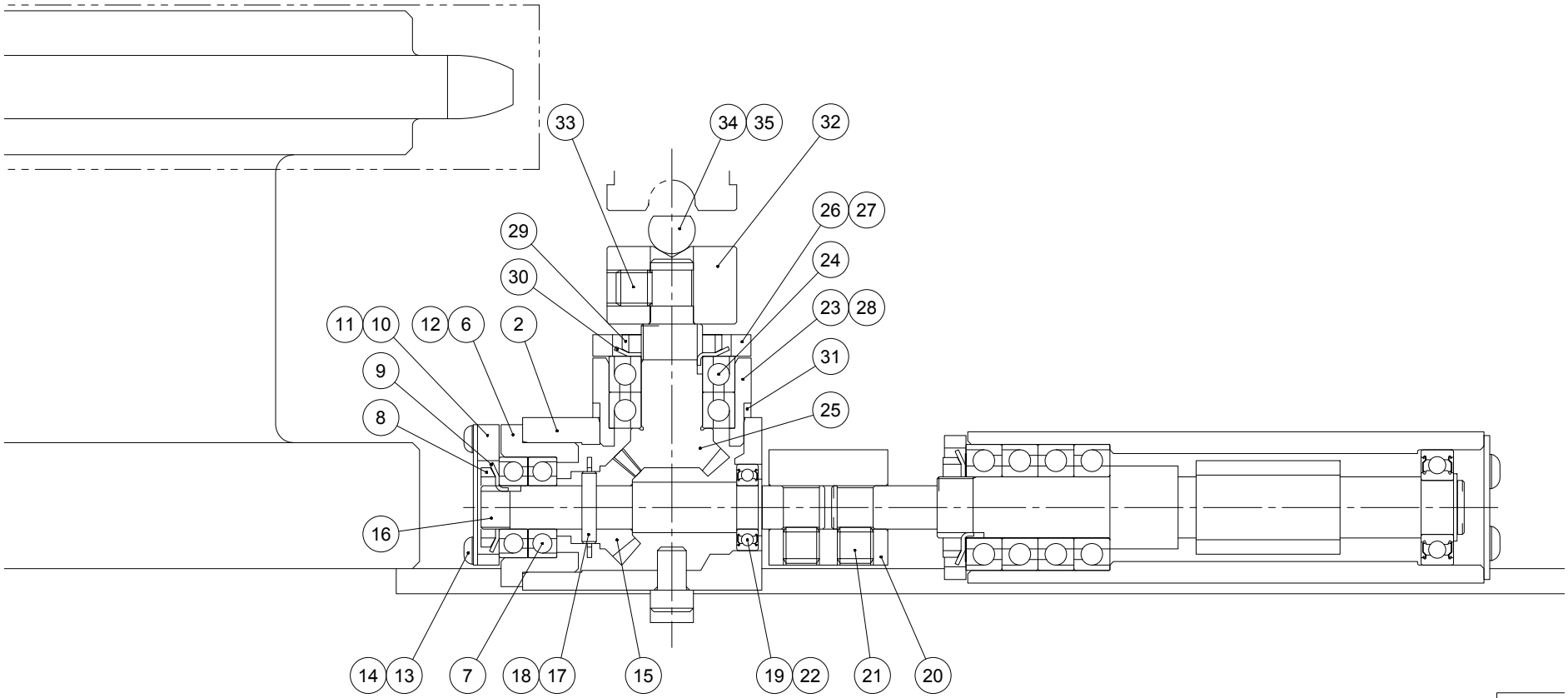
Unit No. 212 Turret AI(32ST-4AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1



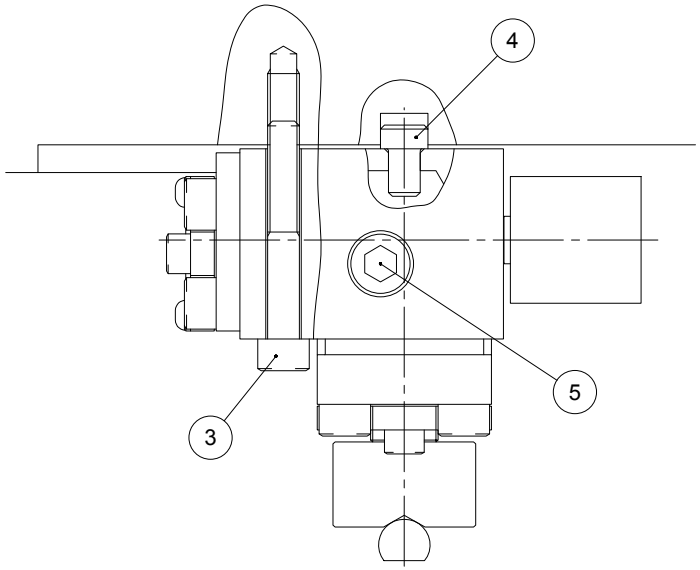
(1) Turret Drive ASSY Upper

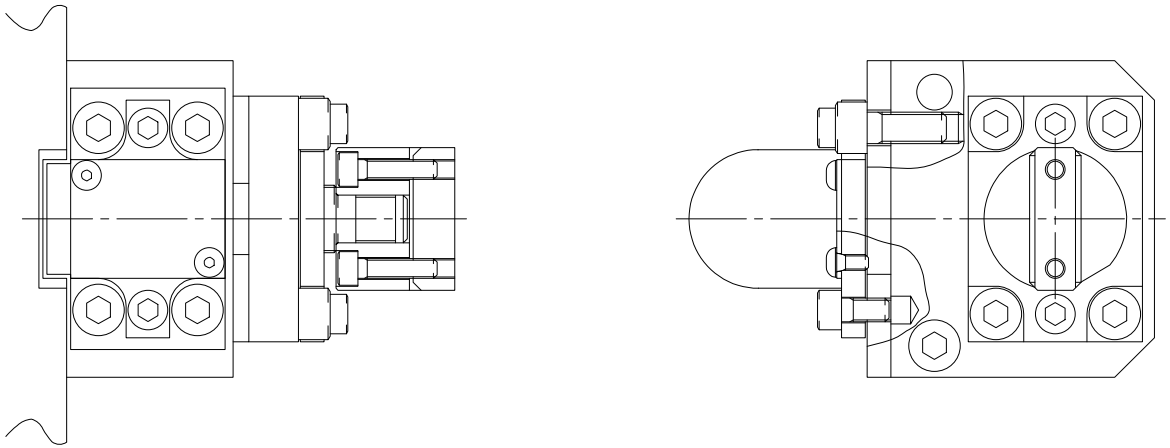
6813105 D



SECTION A-A

6813105 D





DETAIL B

6813105 D

Unit No. 213 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Upper>

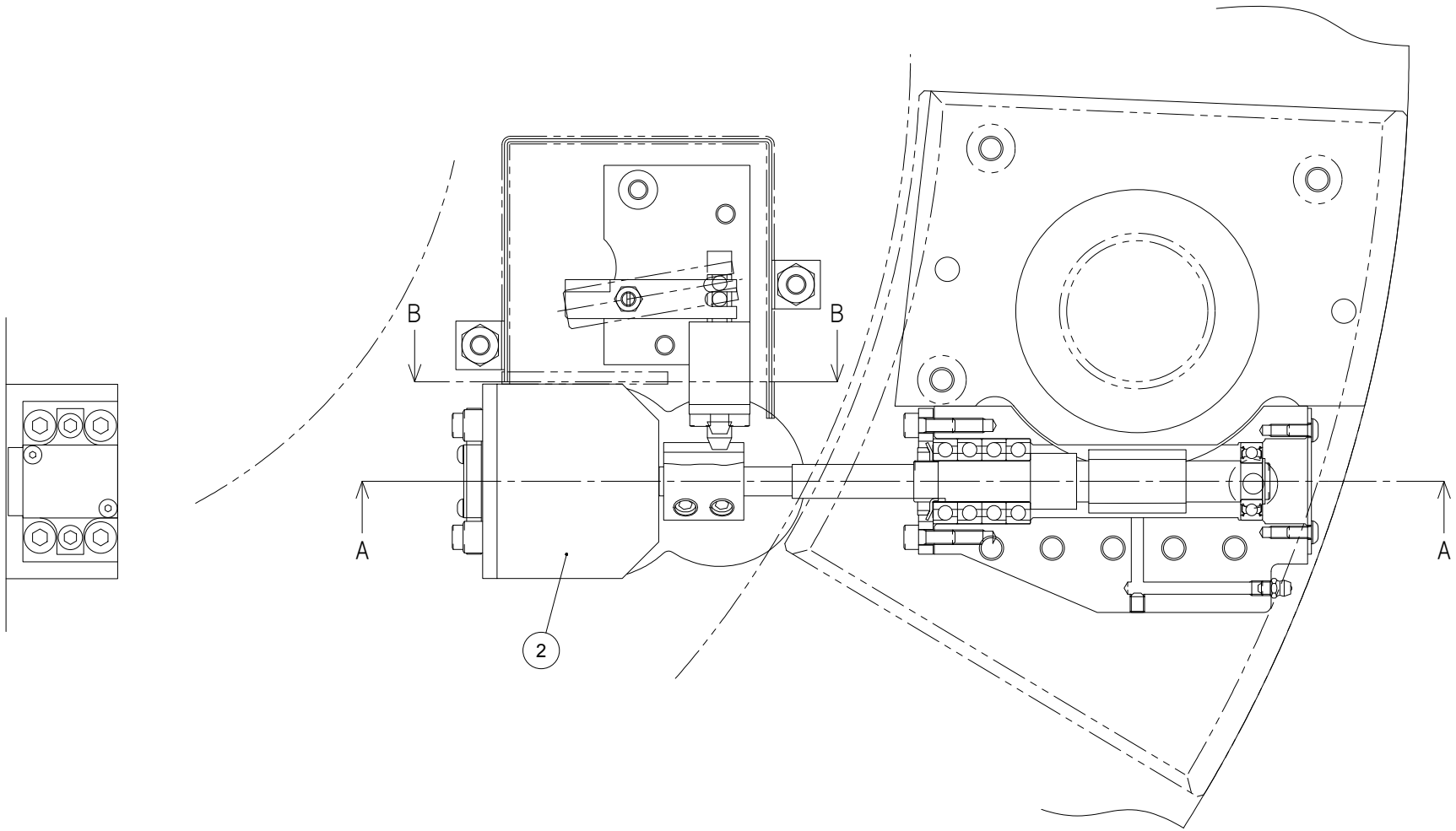
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 213 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

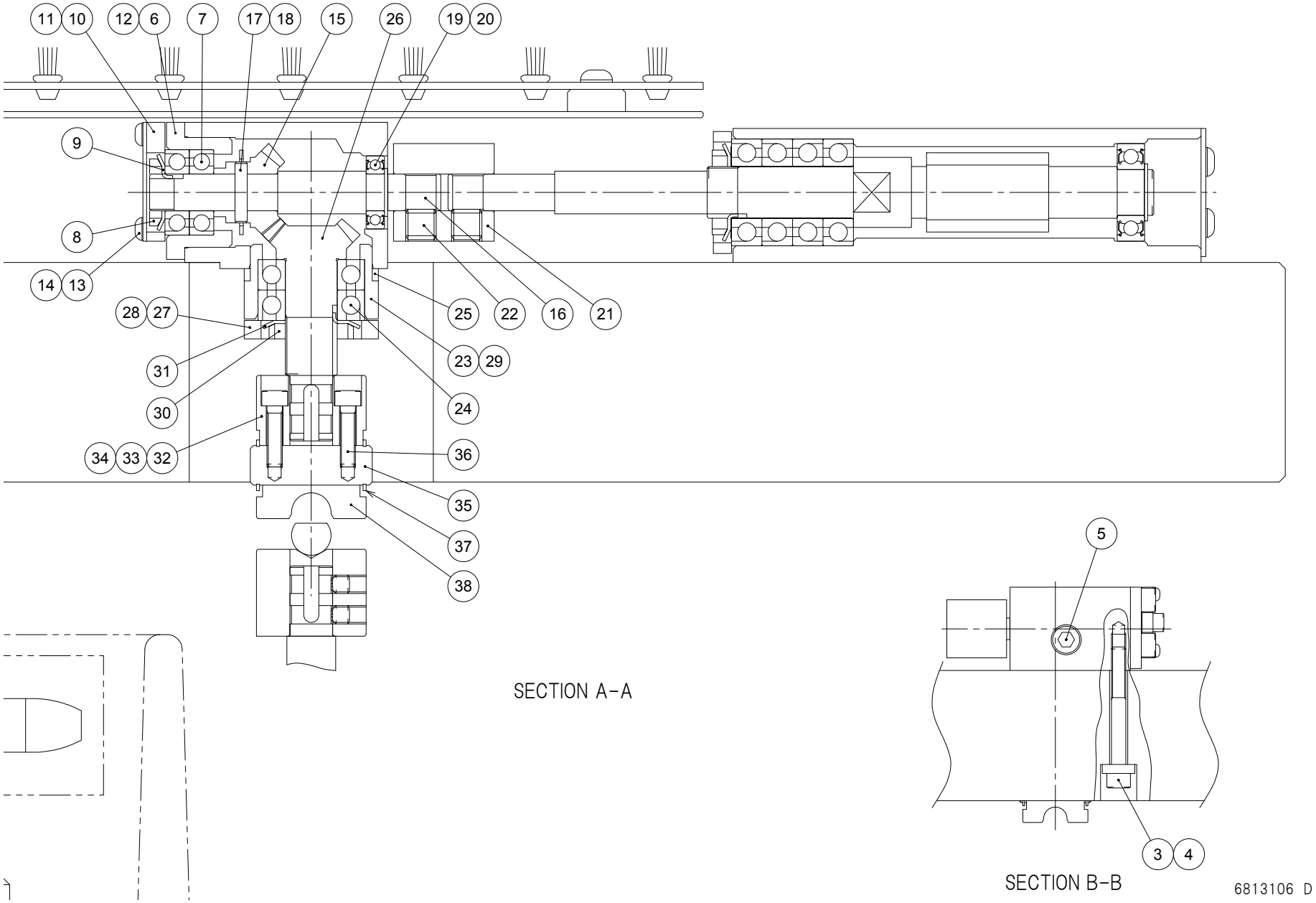
Unit No. 213 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2



(1) Turret Drive ASSY Lower

6813106 D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SECTION A-A
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SECTION B-B
6813106 D

Unit No. 214 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	 Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 214 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Lower>

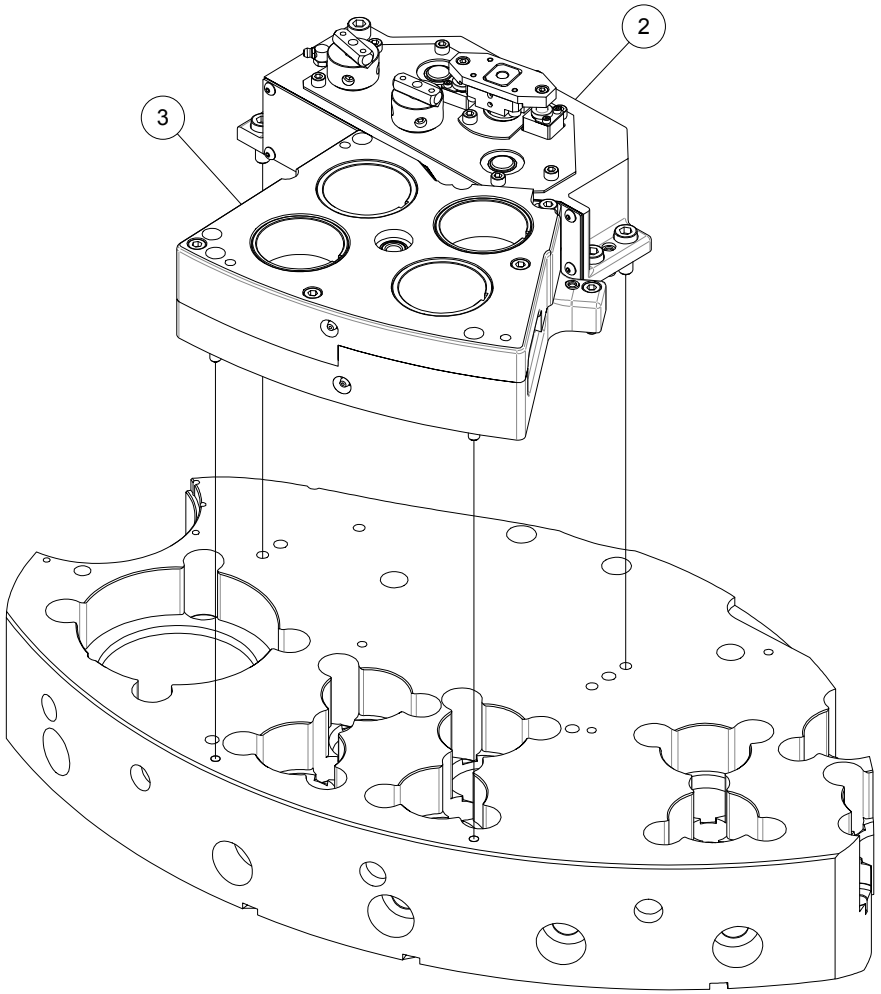
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

Unit No. 214 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 214 Turret AI(32ST-4AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
38	74379584 6501943 B	Clamp Shaft		1

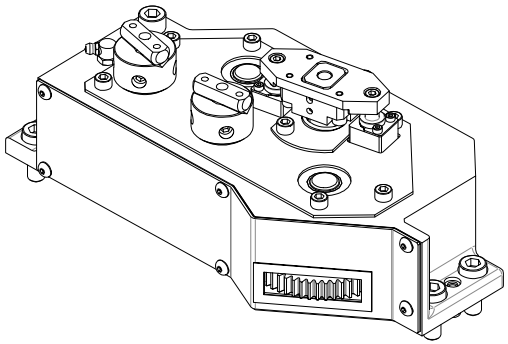


(1) Built in Tap ASSY

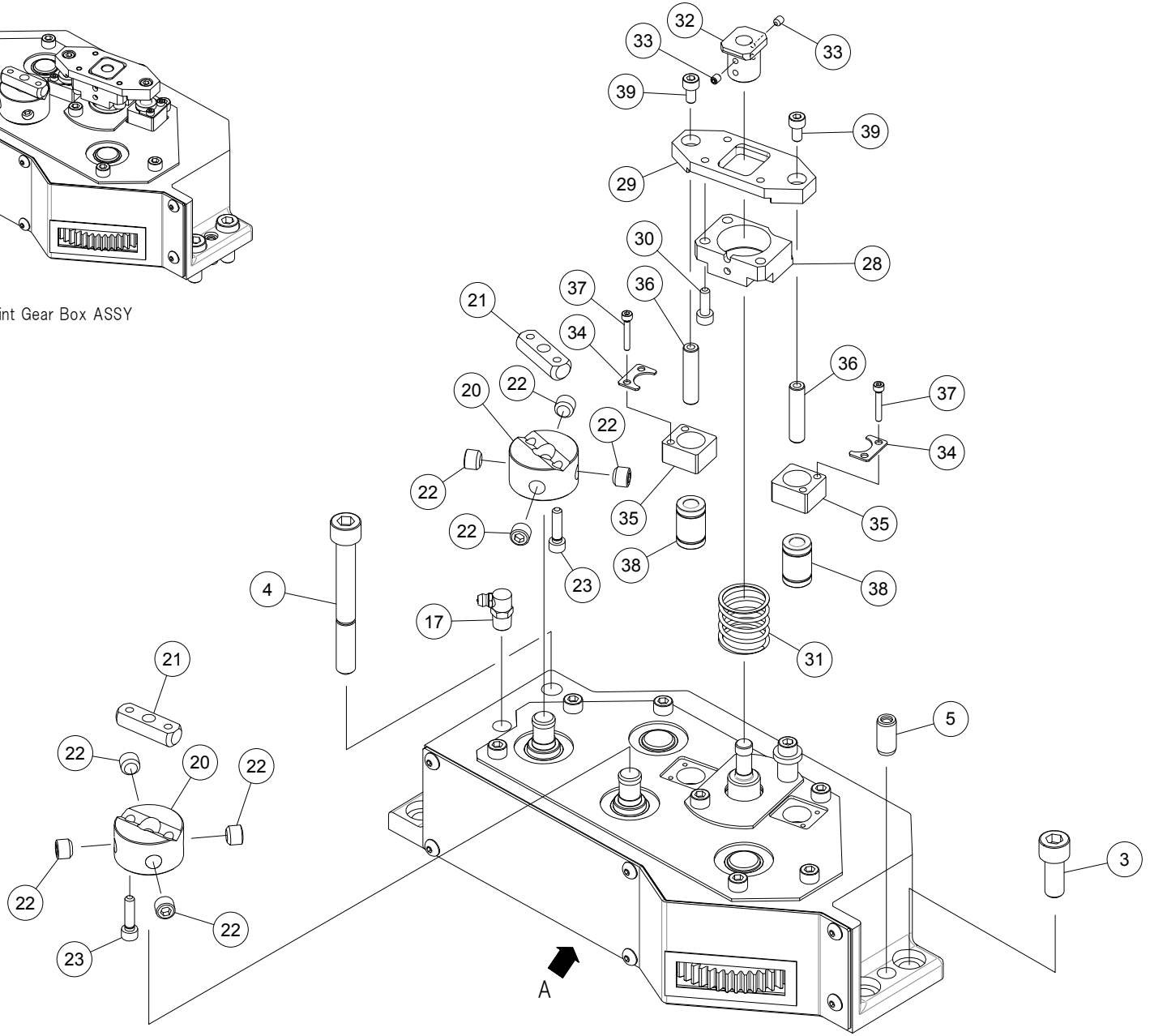
MA00867---
(MA00855---)
(3804910--B)

Unit No. 215 Turret AI(32ST-4AI)D-1/2"AI <Built in Tap ASSY>

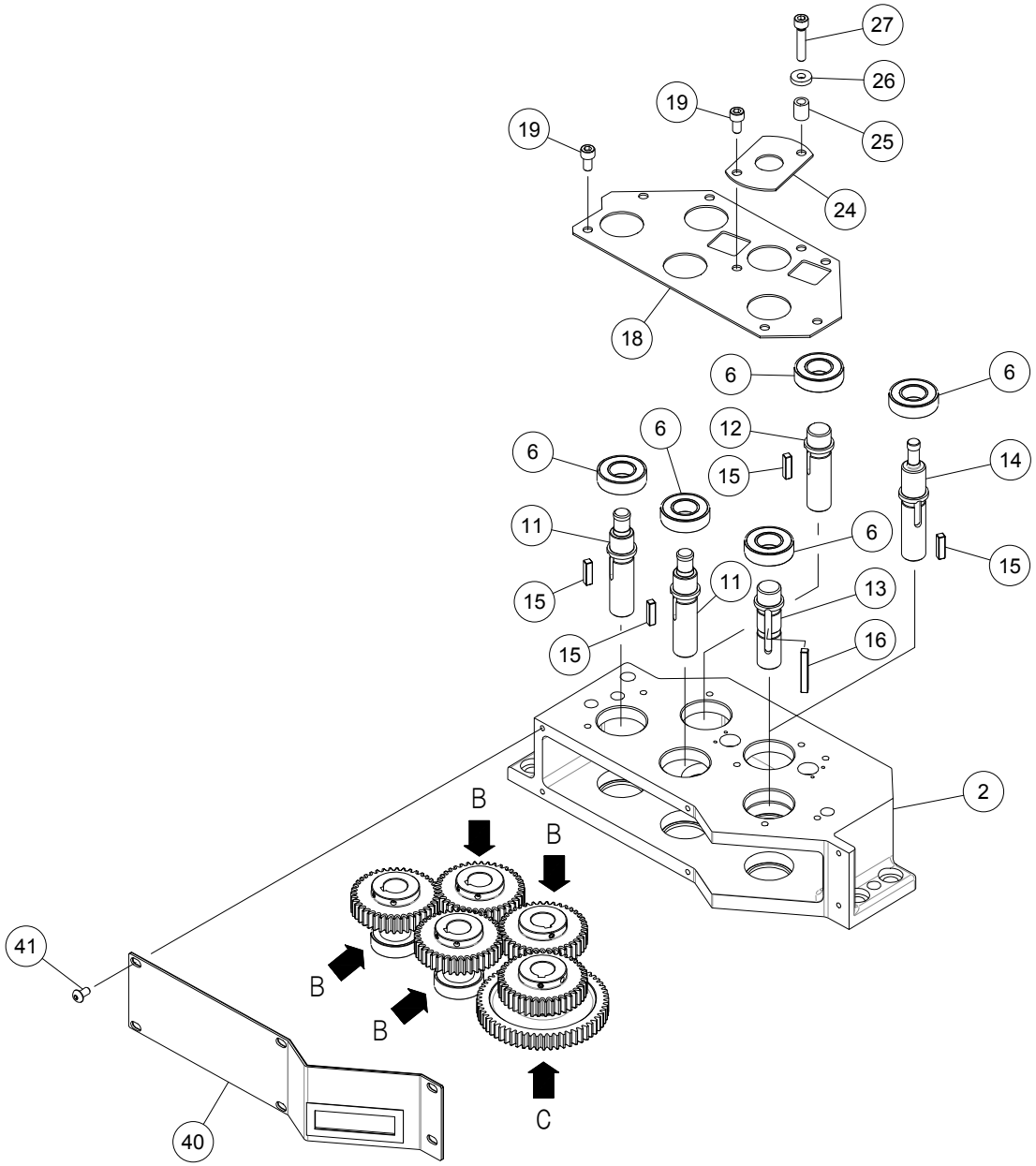
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 MA00855---	Point Gear Box ASSY		1
3	74900319 3804910--B	Tool Gear Box ASSY		1



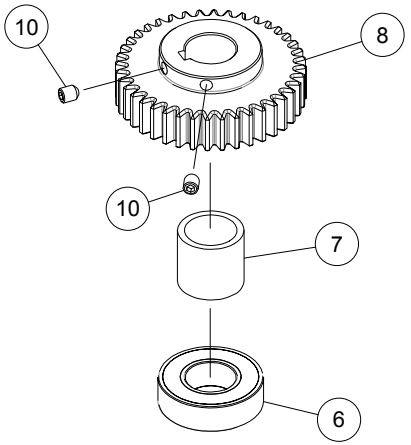
1 Point Gear Box ASSY



MA00855---



DETAIL A



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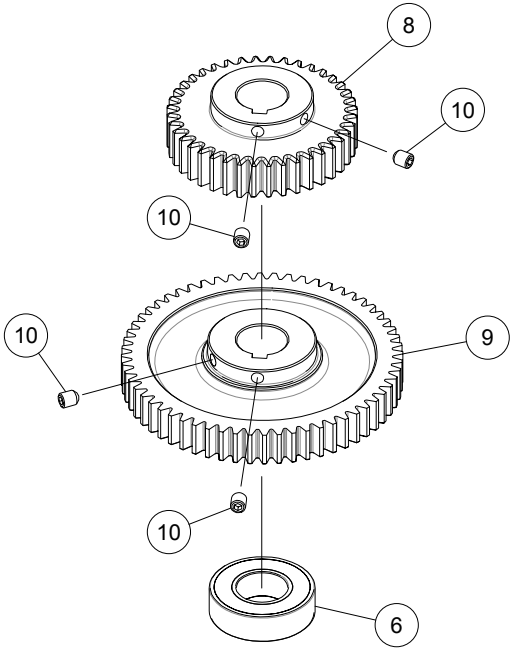


DETAIL C

MA00855---

Unit No. 216 Turret AI(32ST-4AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 216 Turret AI(32ST-4AI)D-1/2"AI <Point Gear Box ASSY>

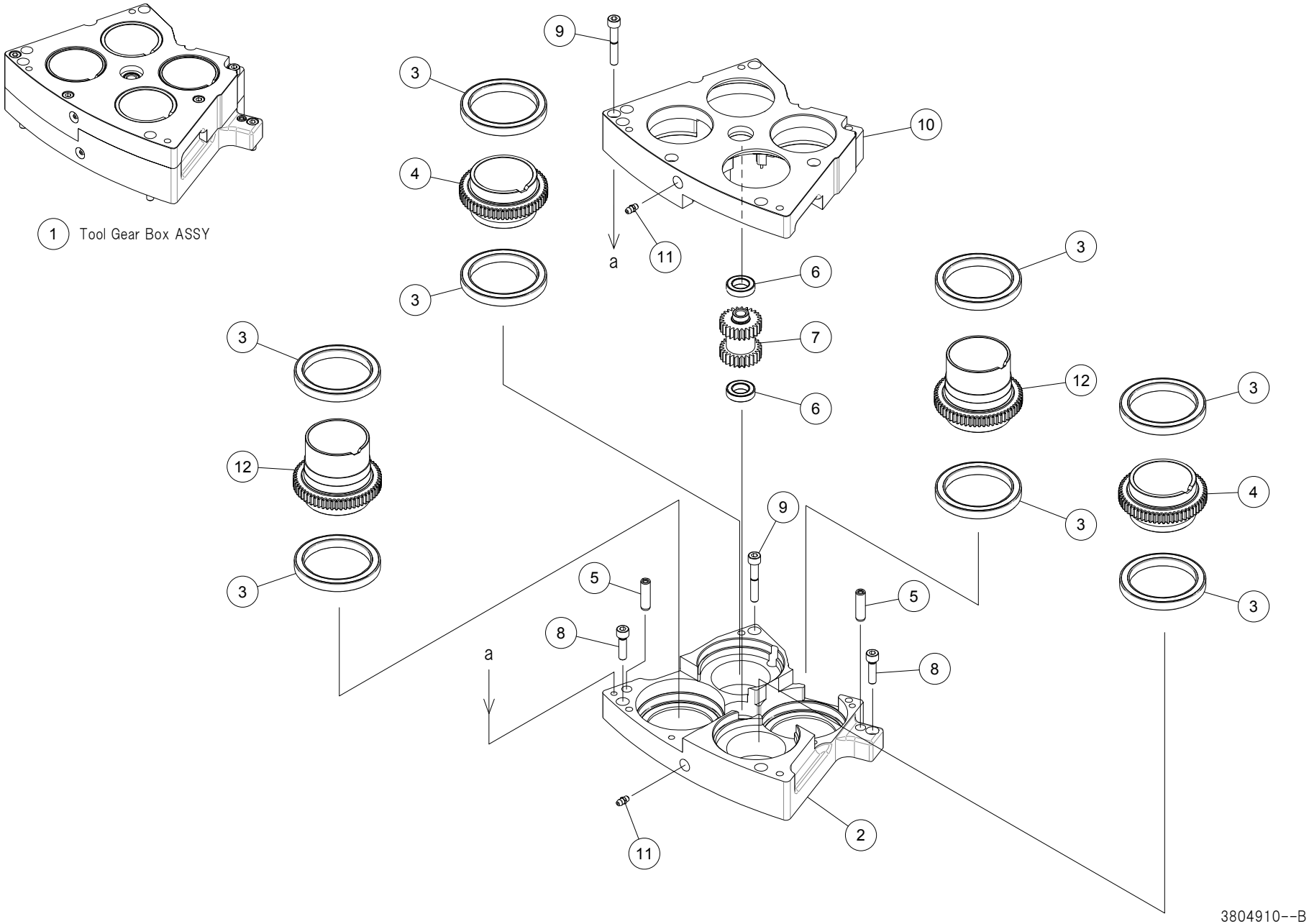
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

Unit No. 216 Turret AI(32ST-4AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 216 Turret AI(32ST-4AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 P446002014	LM Guide THK	LM8UU	2
39	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 MA00844---	Seal Cover		1
41	74183301 P334500009	Button Head Screw	M5X10	6


1 Tool Gear Box ASSY
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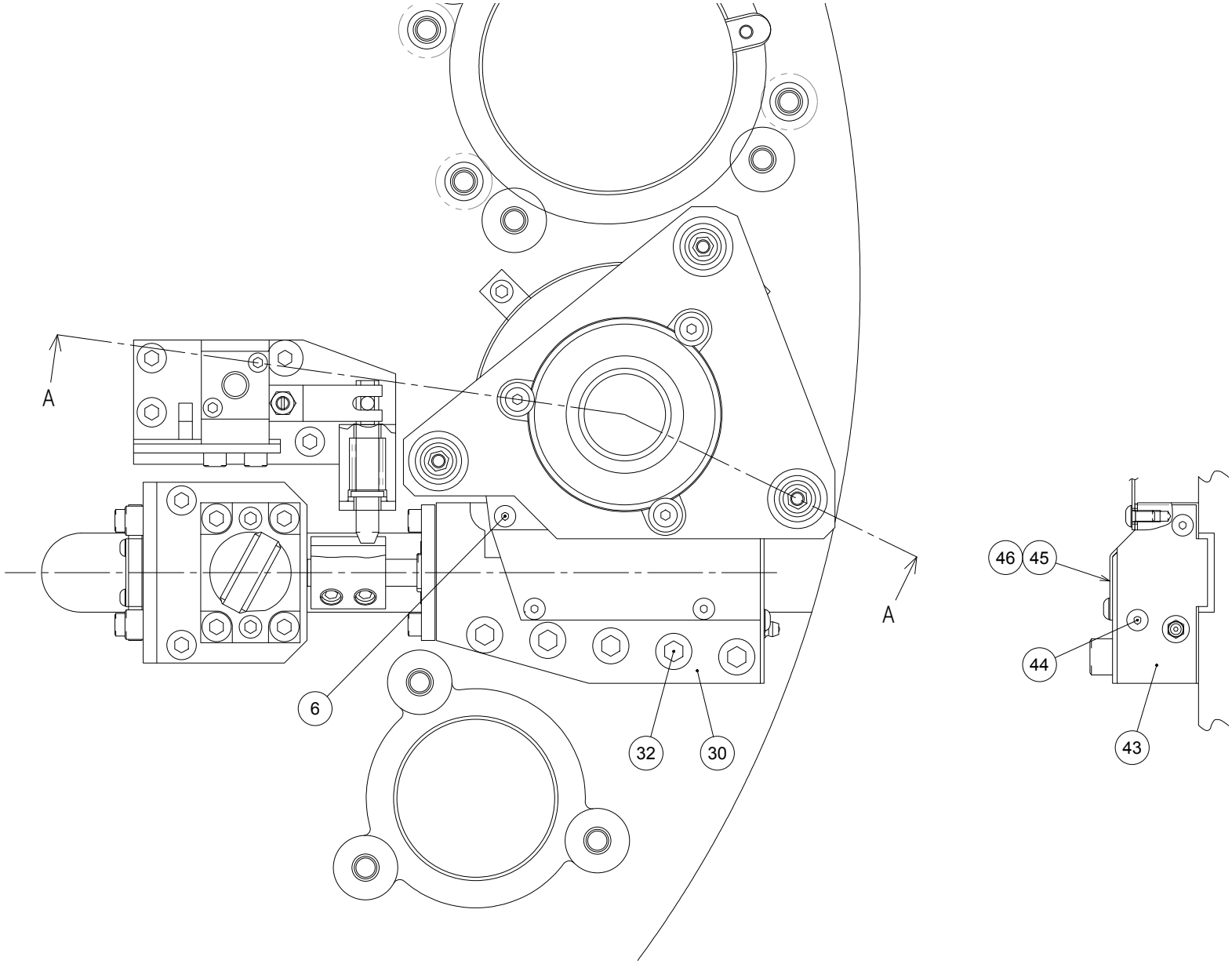
3804910--B

Unit No. 217 Turret AI(32ST-4AI)D-1/2"AI <Tool Gear Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

Unit No. 217 Turret AI(32ST-4AI)D-1/2"AI <Tool Gear Box ASSY>

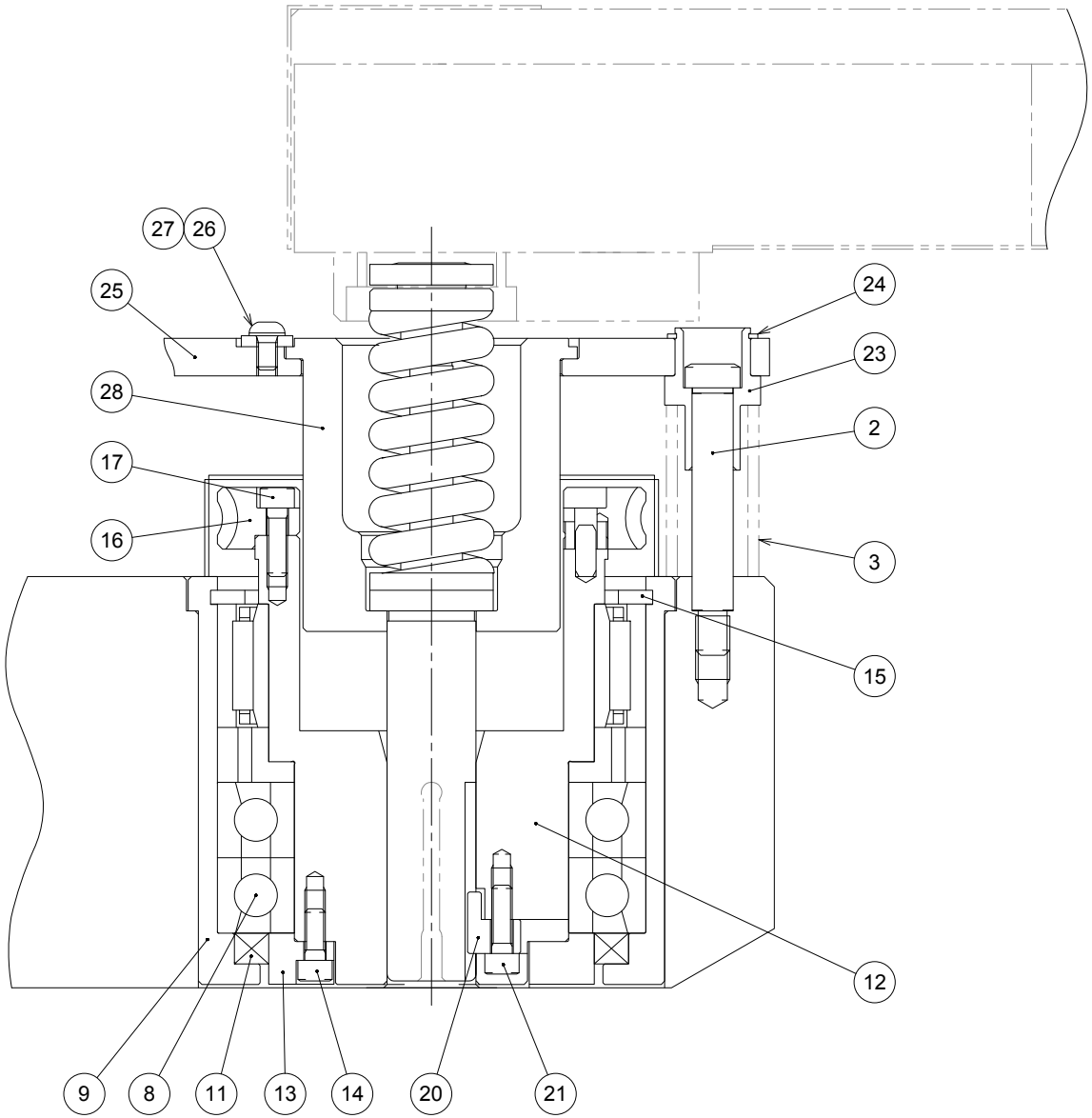
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	



(1) 1/2"AI Turret ASSY Upper

(29) Worm Housing U1 ASSY

6882940--B

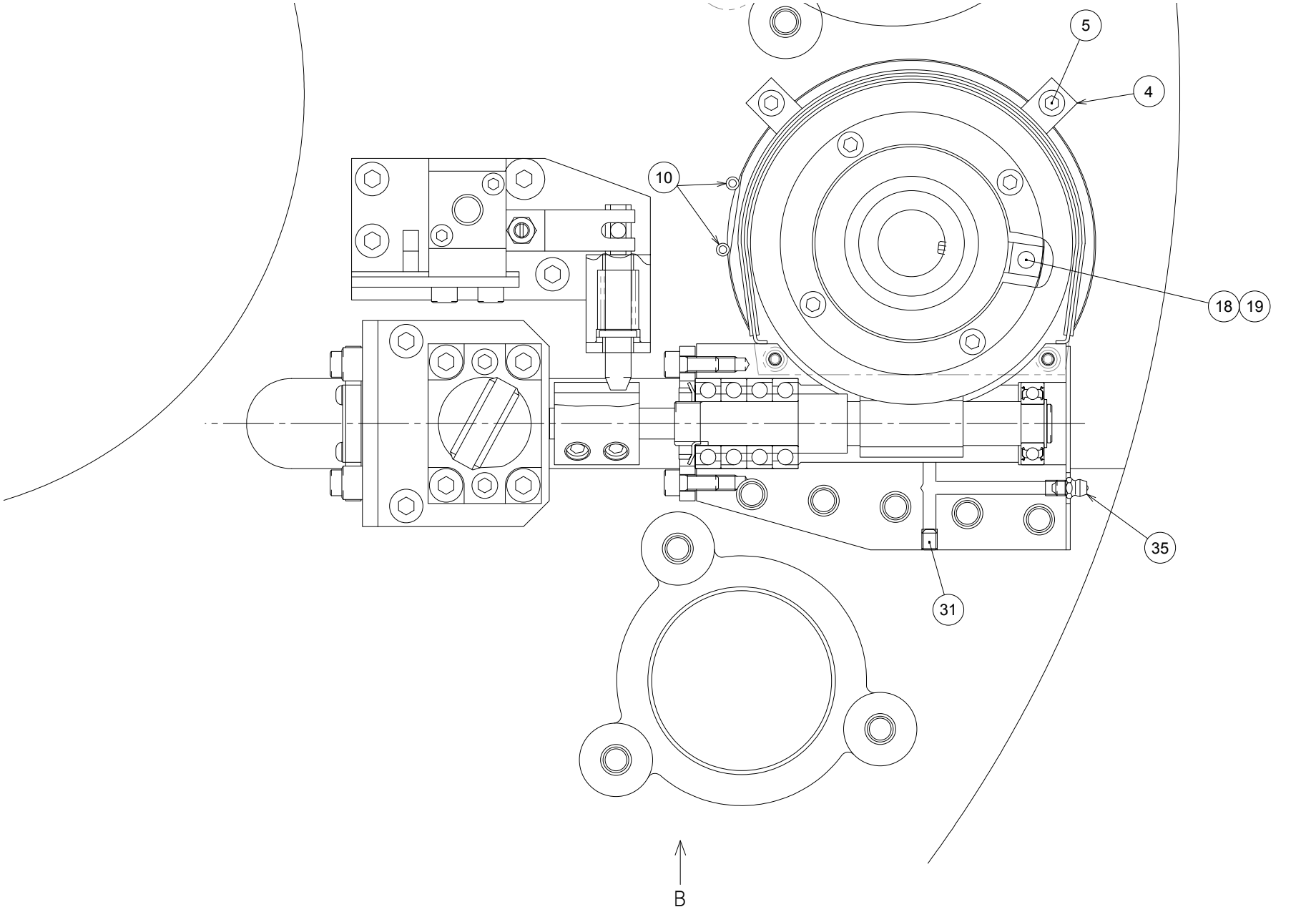


(22) Link Holder U1 ASSY

(7) Bearing Holder U1 ASSY

SECTION A-A

6882940--B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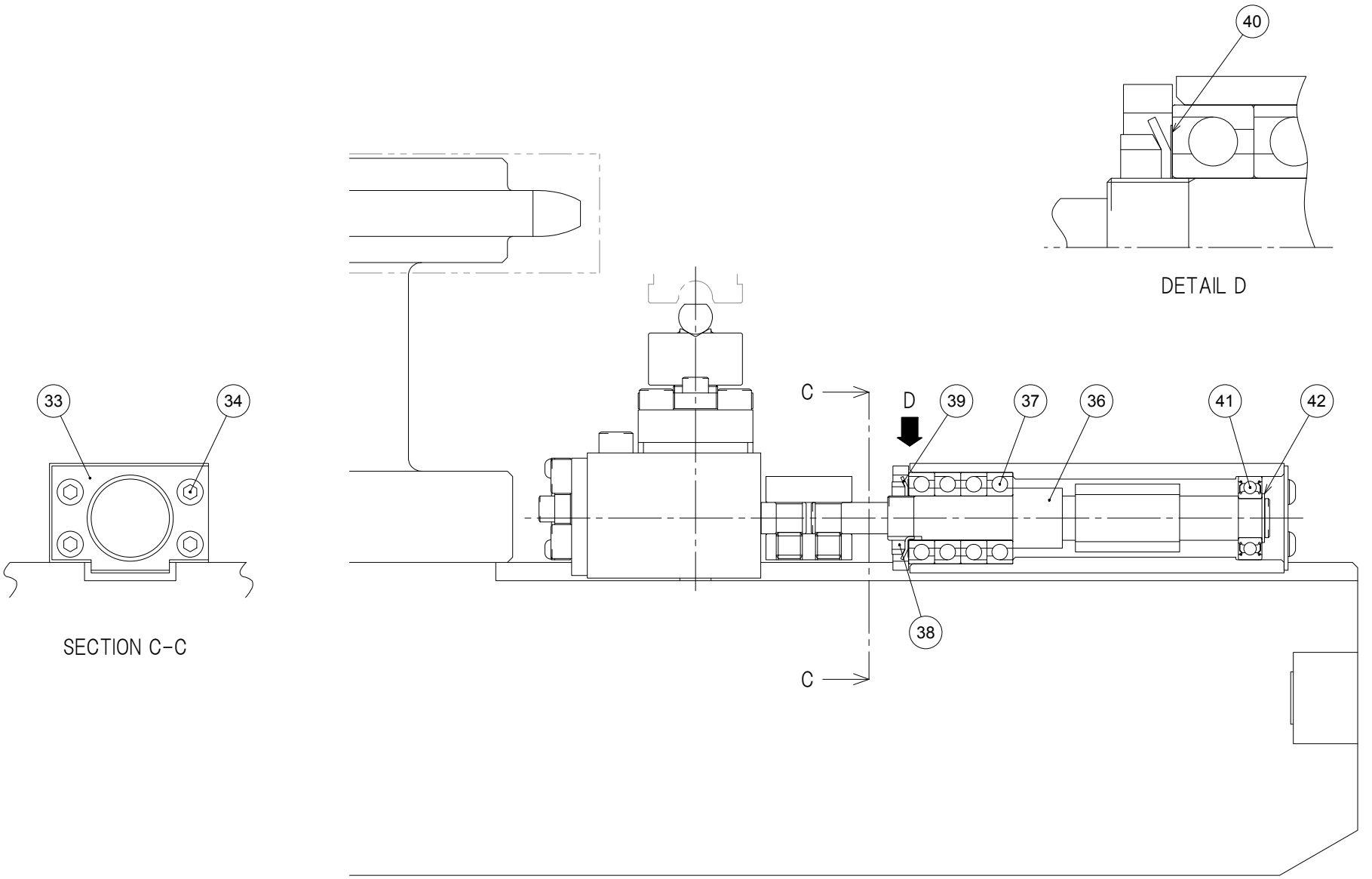
6882940--B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SECTION C-C
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6882940--B

Unit No. 218 Turret Al(32ST-4AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6882940--B	1/2"AI Turret ASSY Upper	Index 2-46	1
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74453067 6882944	Wheel Cover 1/2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74403016 6882941--A	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74453059 6882813	Guide Holder 1/2"		1

Unit No. 218 Turret AI(32ST-4AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

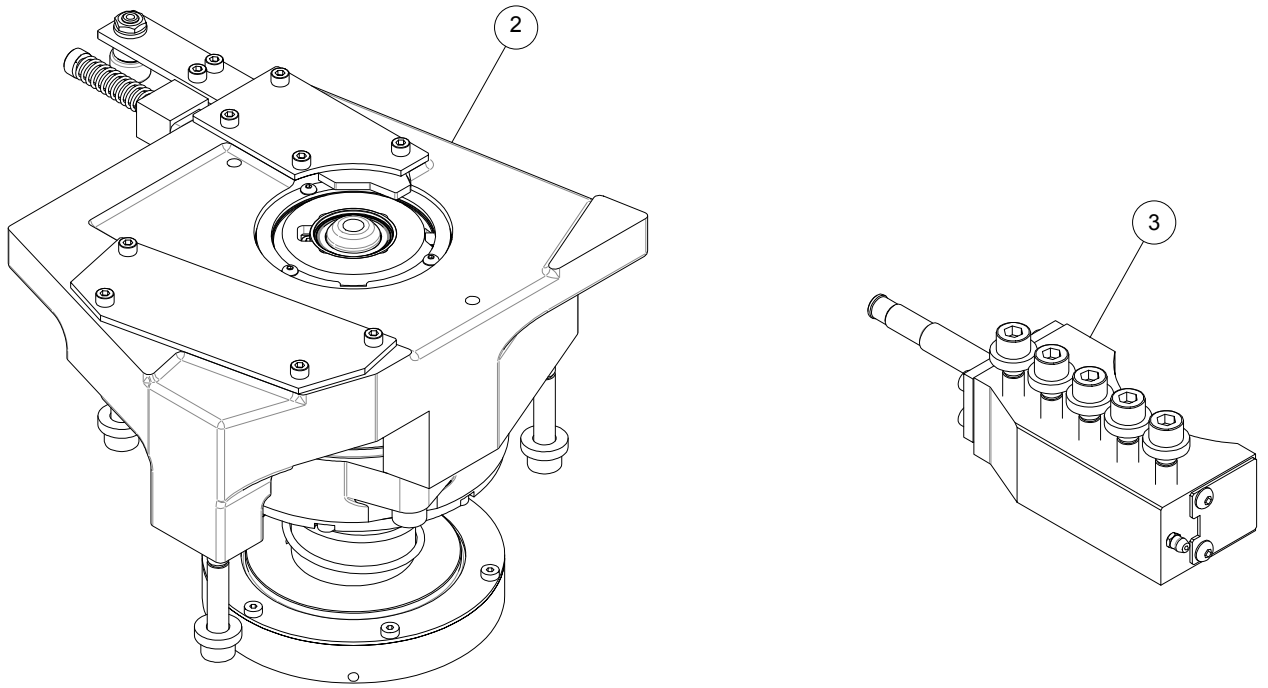
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74453060 6882945	Worm Wheel Upper		1
17	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6882942	Link Holder U1 ASSY	 Index 23-28	1
23	74453061 6882946	Lifter Collar 1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 218 Turret AI(32ST-4AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74453062 6882947	Link Holder 1/2"		1
26	74732449 0821819 A	Washer M6		3
27	74183302 P334500013	Button Head Screw	M6X10	3
28	74453063 6882948	Lifter Ring 1/2"		1
29	74901441 6882943	Worm Housing U1 ASSY	Index 30-46	1
30	74453064 6882949	1/2" Worm Housing U		1
31	74183123 P330550025	Socket Set Screw JIS	M6X8(Flat Point)	1
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 218 Turret AI(32ST-4AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
38	74183501 / P406030002	Lock Nut / JIS	AN-03	1
39	74183510 / P406040002	Locking Washer / JIS	AW-03	1
40	74313812 / 0822398	Seal		1
41	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
42	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
43	74453065 / 6882950 A	Cover 1		1
44	74183301 / P334500009	Button Head Screw	M5X10	2
45	74453066 / 6882951	Cover 2		1
46	74183301 / P334500009	Button Head Screw	M5X10	2

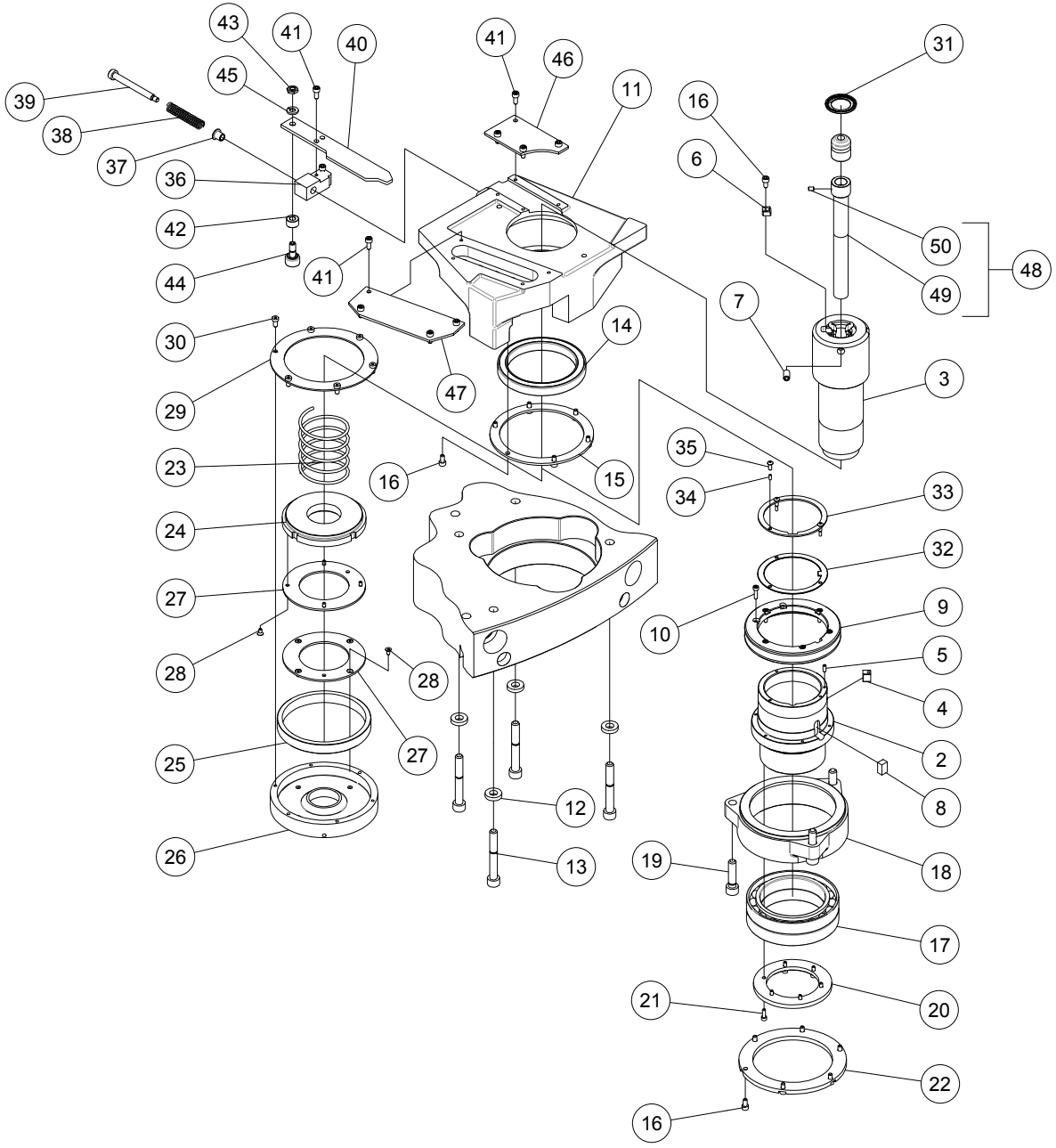


(1) 1/2"AI Turret ASSY Lower

MA08306---

Unit No. 219 Turret AI(32ST-4AI)D-1/2"AI <1/2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08306---	1/2"AI Turret ASSY Lower	Index 23	1
2	MA08299---	Bearing Holder LH ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1



(1) Bearing Holder LH ASSY

MA08299---

Unit No. 220 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08299---	Bearing Holder LH ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401944 MA08300---	Lifter Pipe 1/2		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74315024 P338182011	Ball Plunger JEC	BP-8-H	2
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 220 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
14	74900657 P400010608	Deep Groove Ball Bearing NSK & others	6818ZZ	1
15	74900419 MA00856---	Bearing Stopper Upper		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 P404024083	Complex Bearing NTN	7917UADDB/GLP5	1
18	74900392 MA00678---	Bearing Holder L		1
19	74183642 P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	6
22	74900420 MA00857---	Bearing Stopper Lower		1
23	74900396 MA00682---	Return Spring 1-1/4AI		1
24	74900393 MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 220 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder LH ASSY>

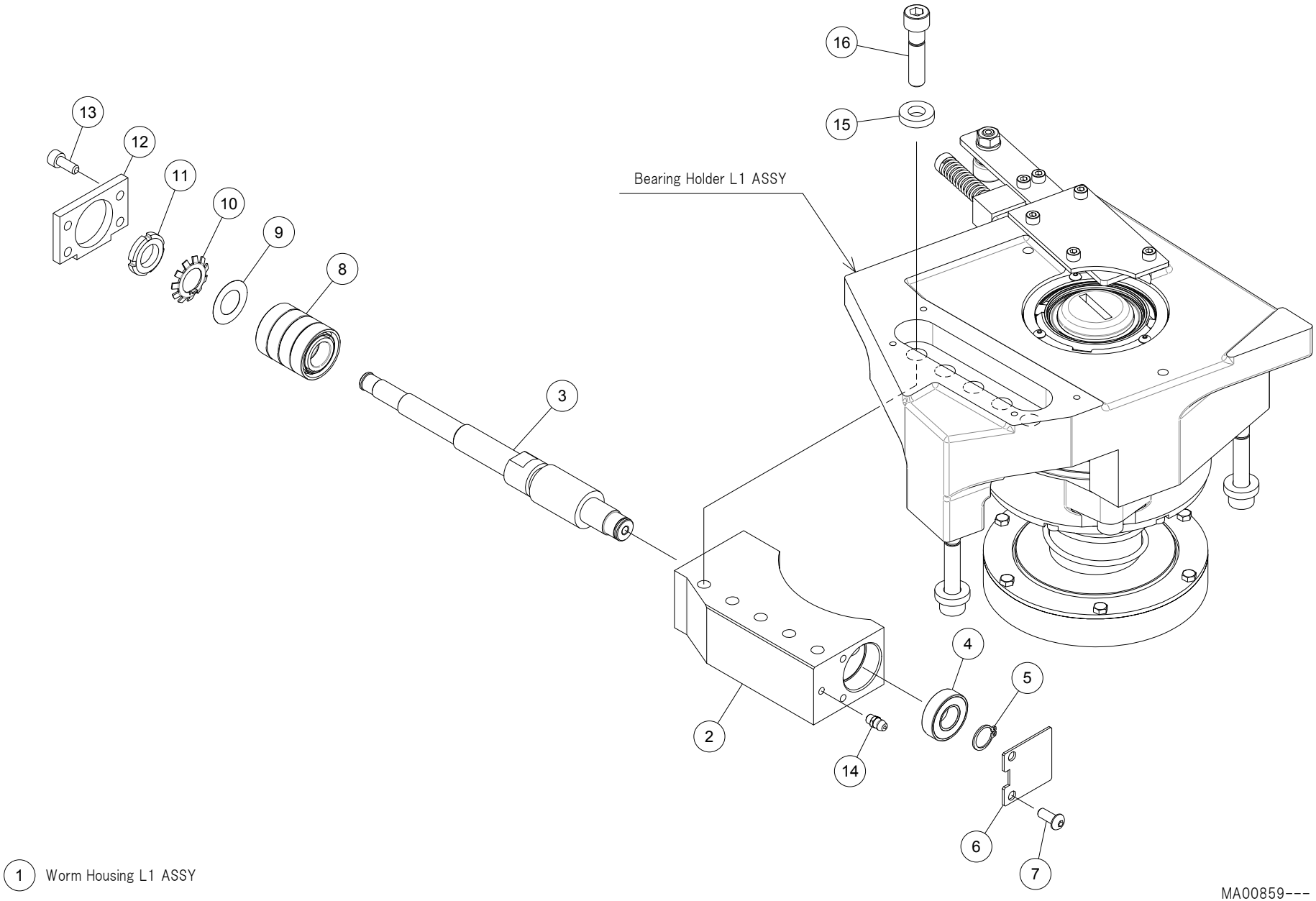
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74387444 7400894 B	Cover Seal 1/2"		1
32	74901444 MA04627---	Cover Seal 1/2AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 220 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 4950	1

Unit No. 220 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900361 MA00571---	Ejector Pipe 1/2"		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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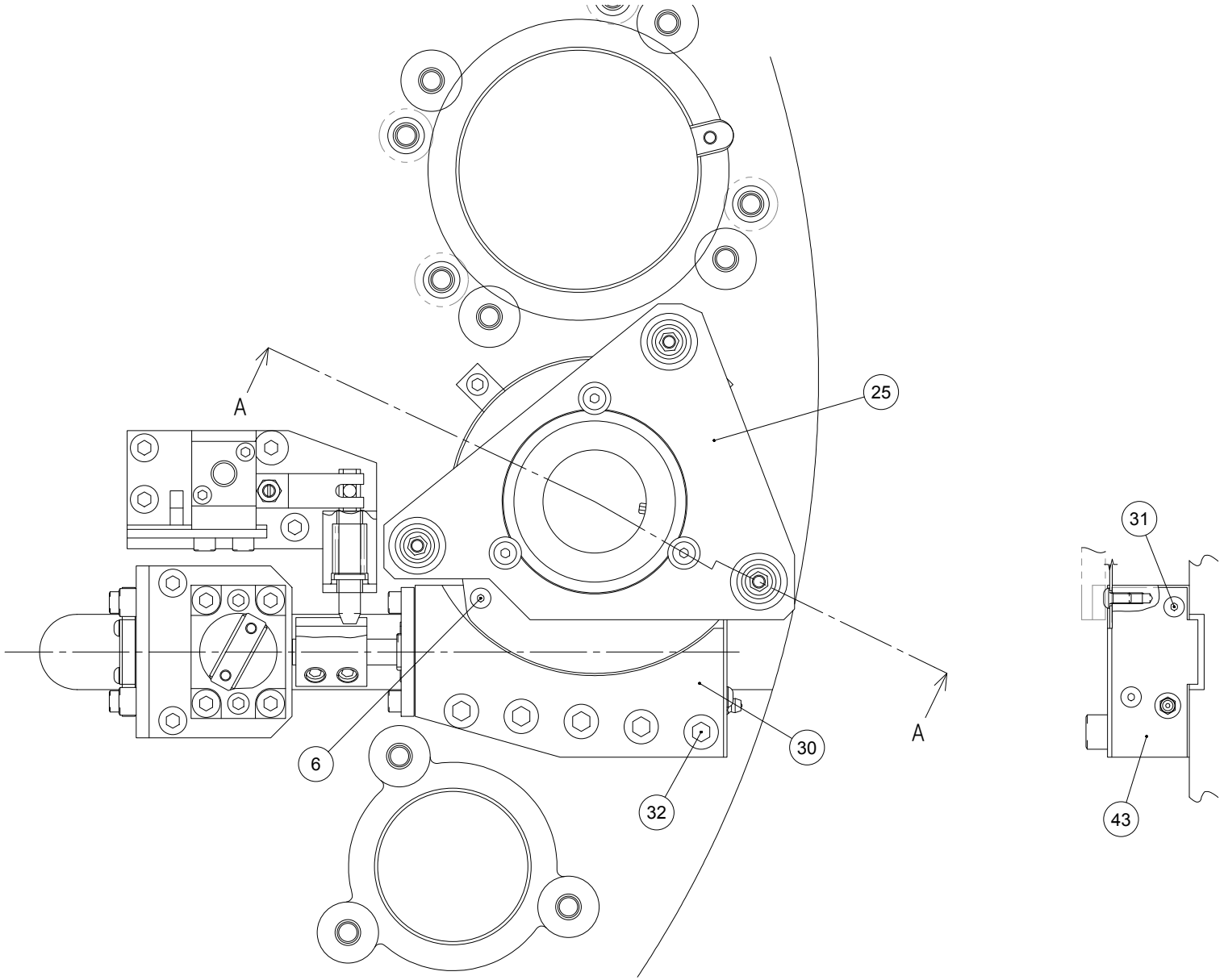
1 Worm Housing L1 ASSY
MA00859---

Unit No. 221 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 / MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 / MA02529---	Worm Housing		1
3	74900423 / MA00869---	Worm Shaft		1
4	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
5	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
6	74900424 / MA00870--A	Cover 1-1/4		1
7	74183302 / P334500013	Button Head Screw	M6X10	2
8	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
9	74313812 / 0822398	Seal		1
10	74183510 / P406040002	Locking Washer / JIS	AW-03	1
11	74183501 / P406030002	Lock Nut / JIS	AN-03	1
12	74570135 / 6575856 A	Bearing Retainer E		1

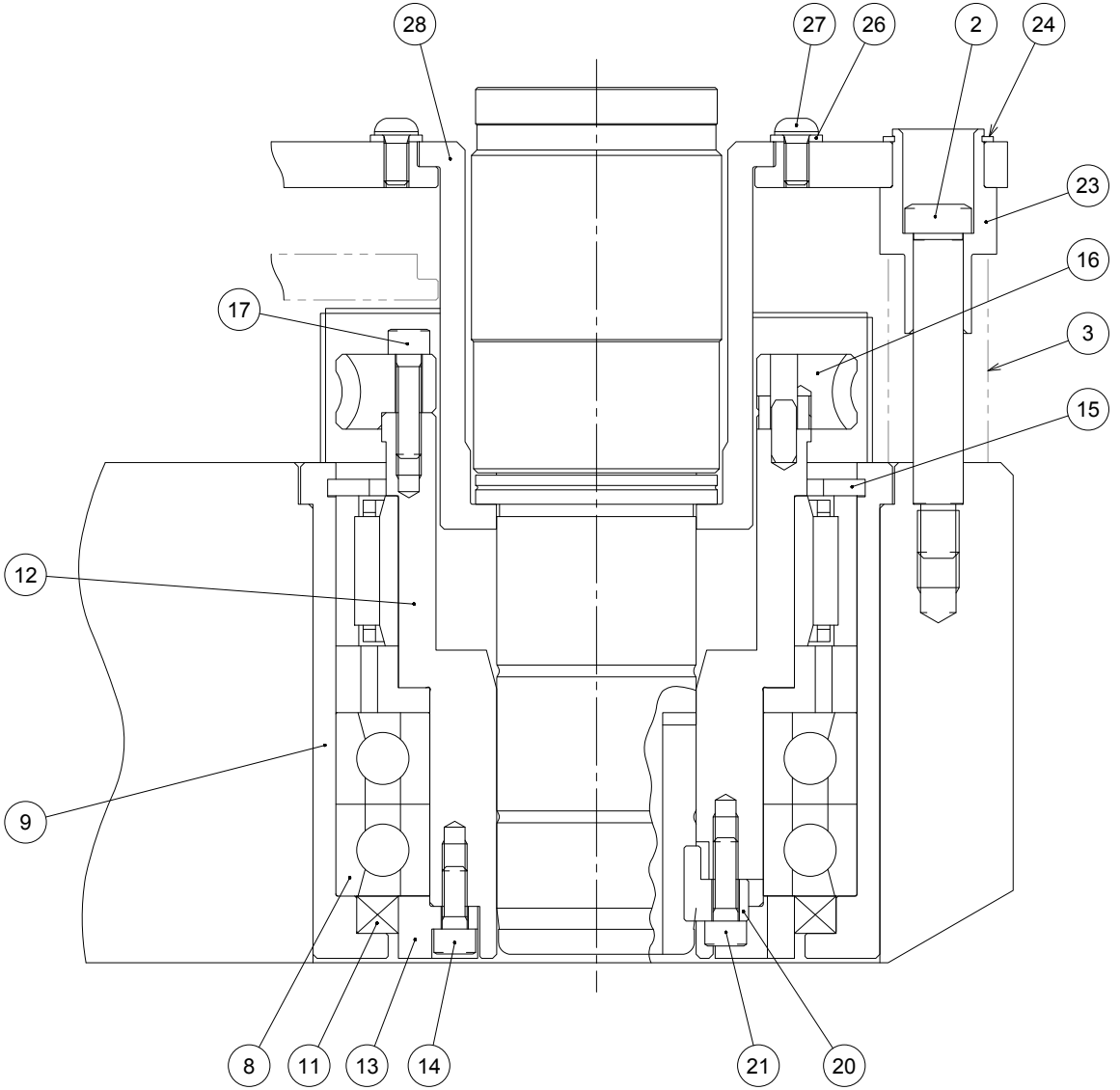
Unit No. 221 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

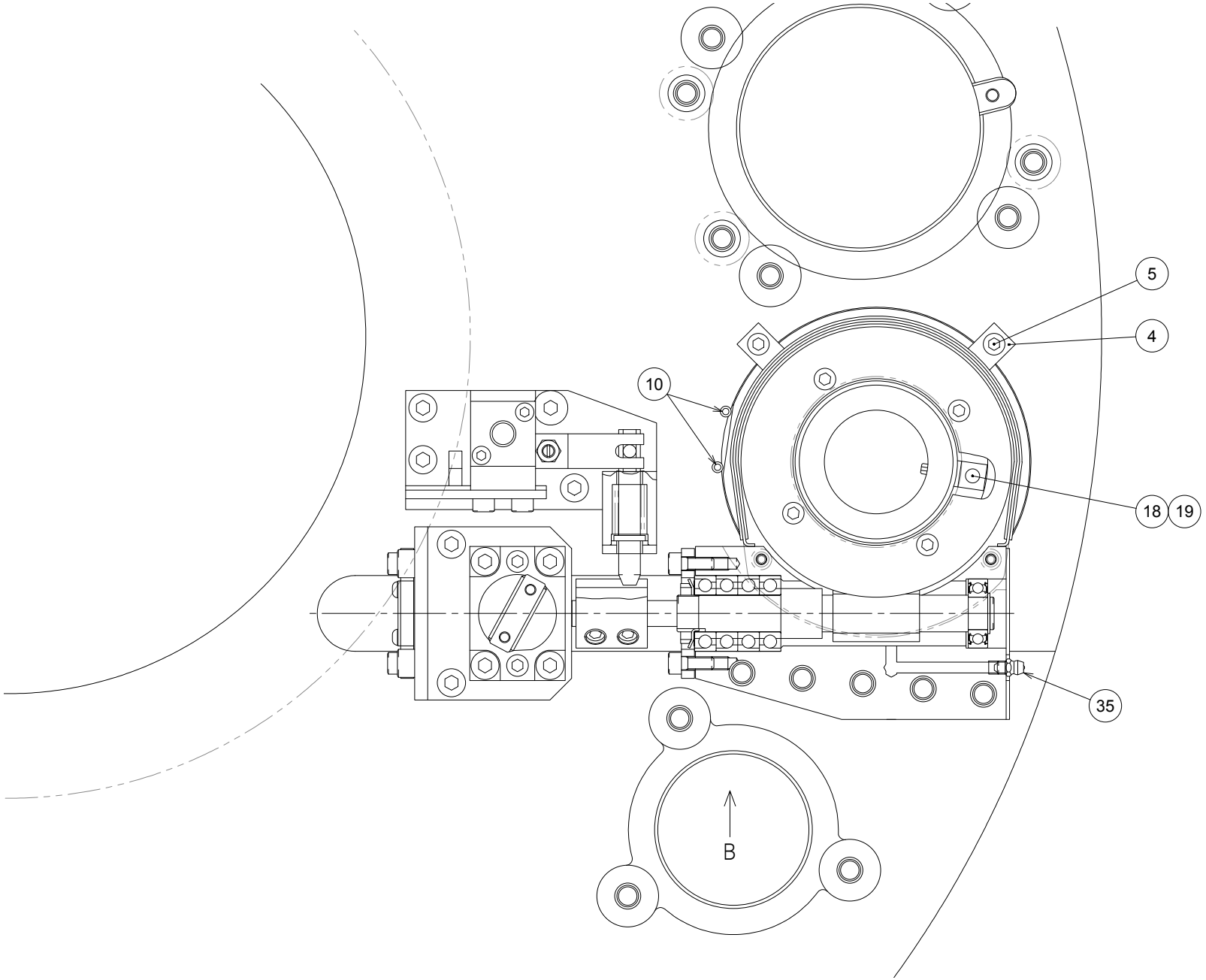
6875440--C



(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C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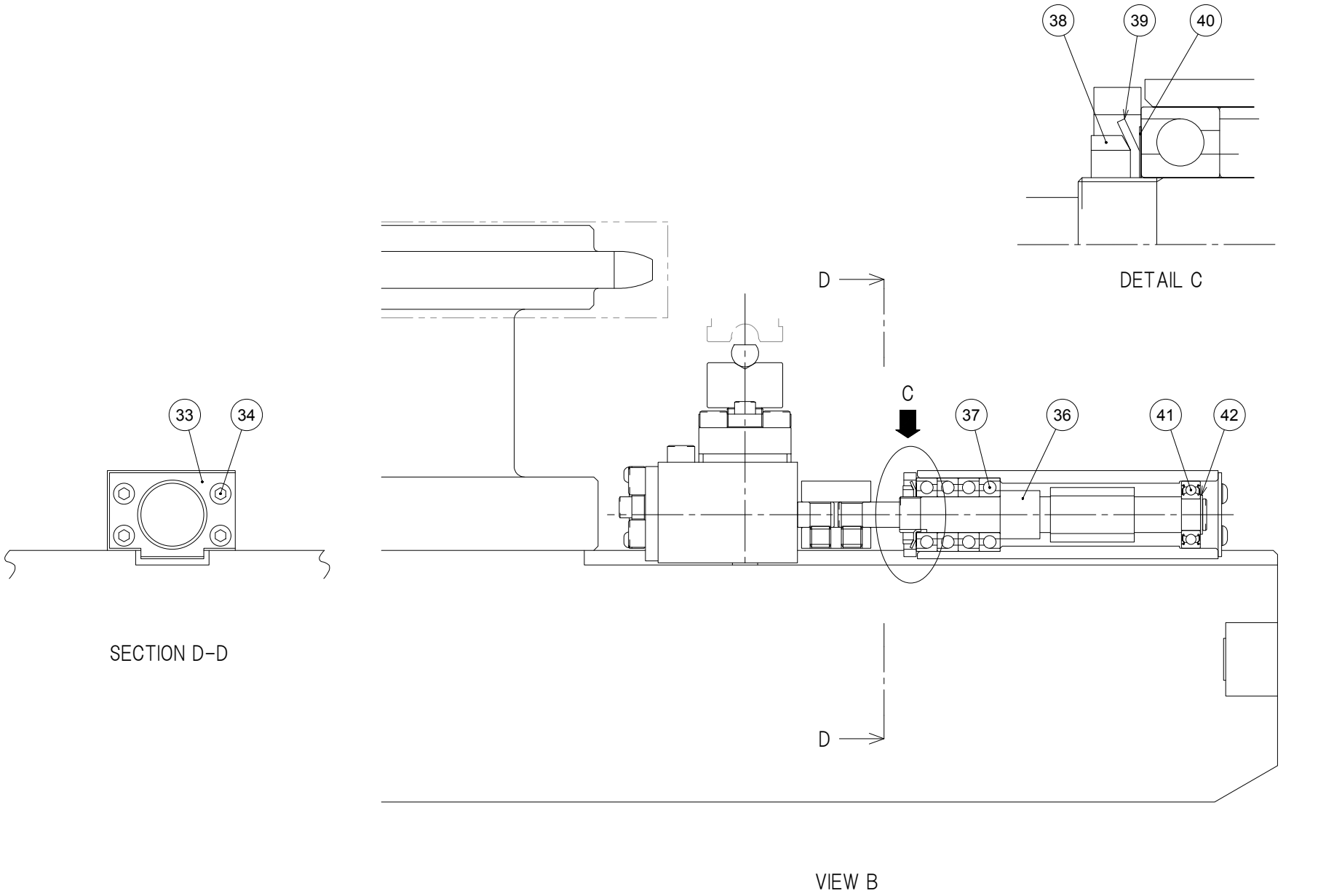
6875440--C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DETAIL C
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SECTION D-D
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VIEW B
6875440--C

Unit No. 222 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 222 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

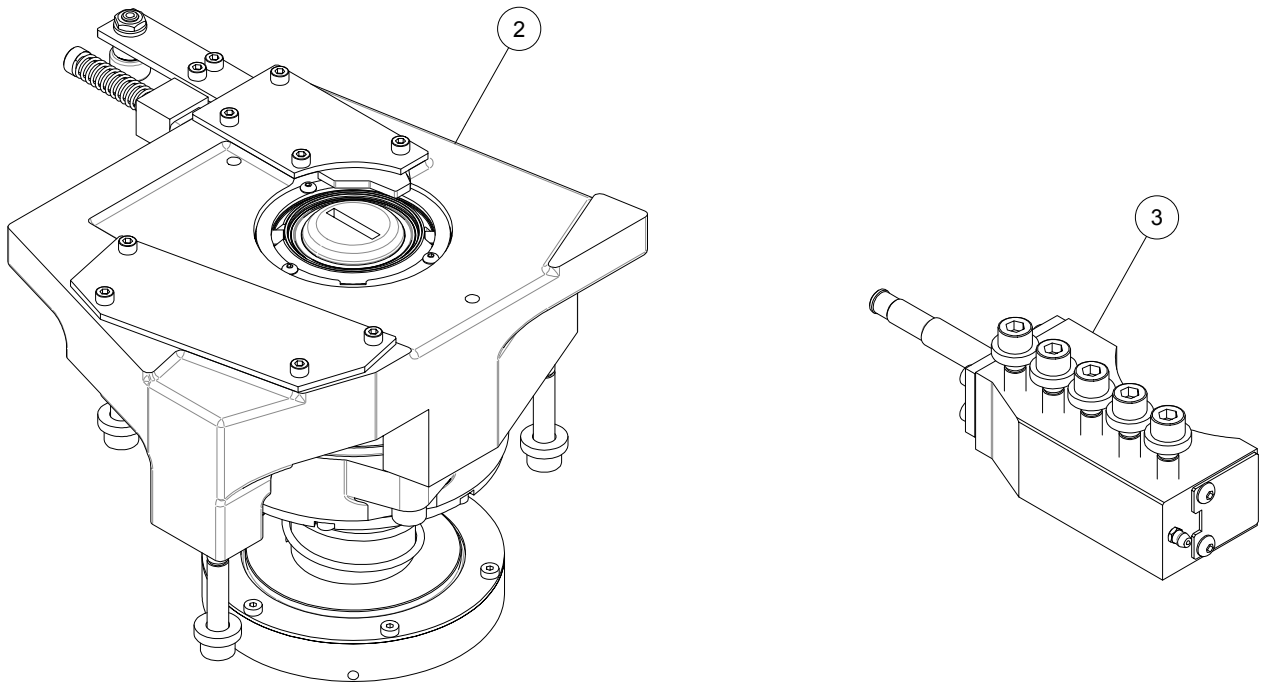
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 222 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 222 Turret AI(32ST-4AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74322202 6501959	Cover		1

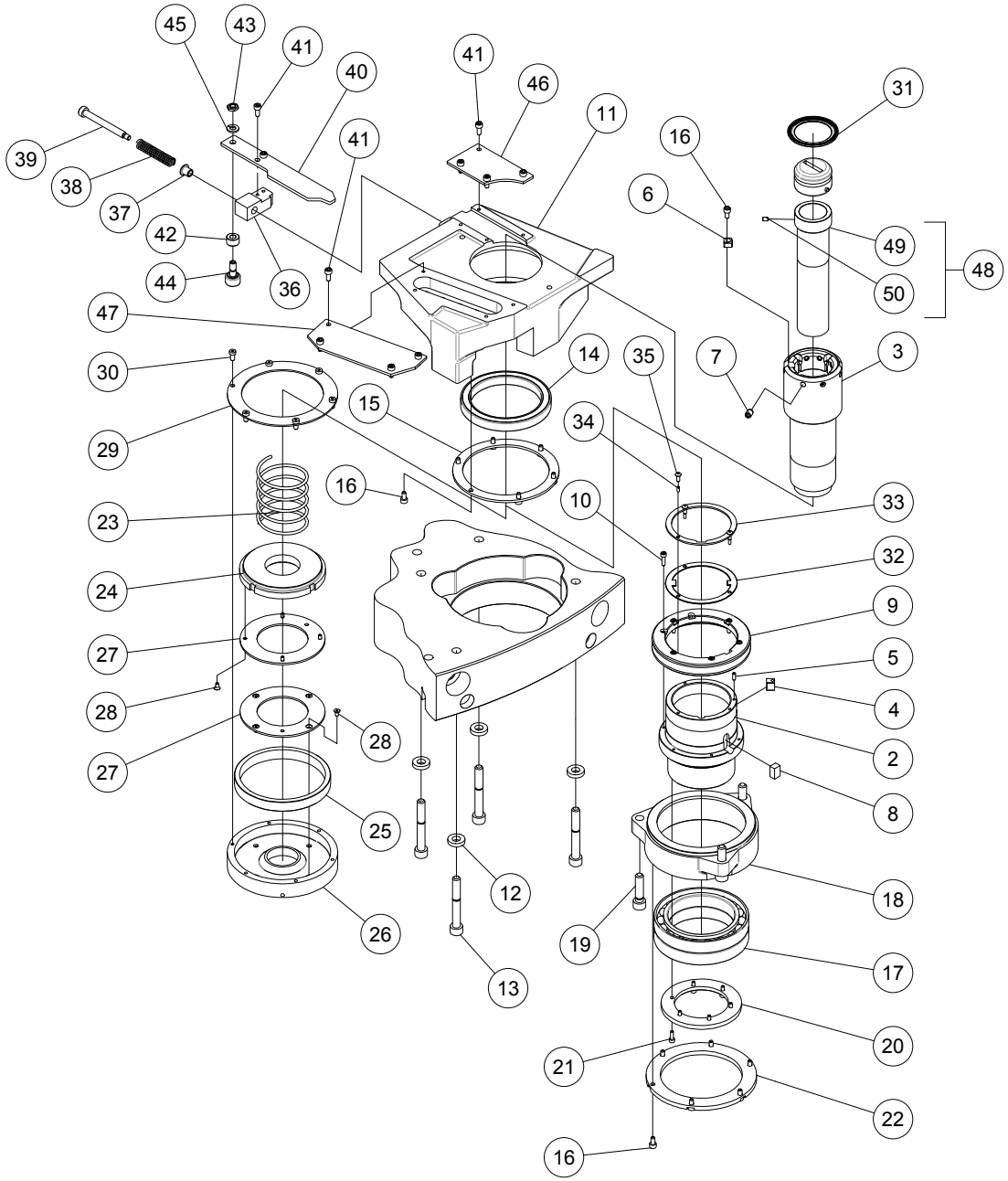


(1) 1-1/4″AI Turret ASSY Lower

MA08305---

Unit No. 223 Turret AI(32ST-4AI)D-1/2"AI <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 224 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 224 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 224 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L1 ASSY>

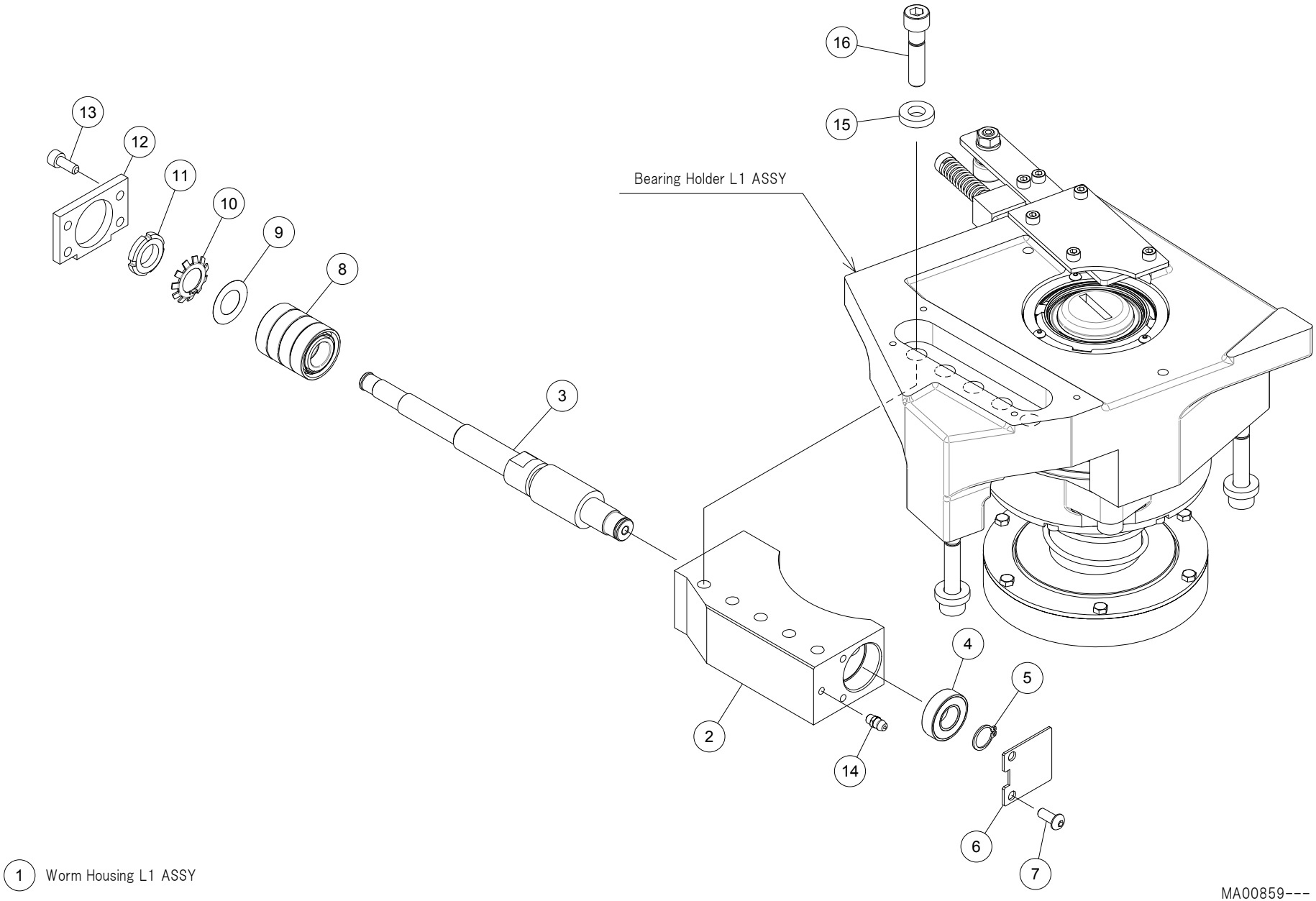
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 224 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 224 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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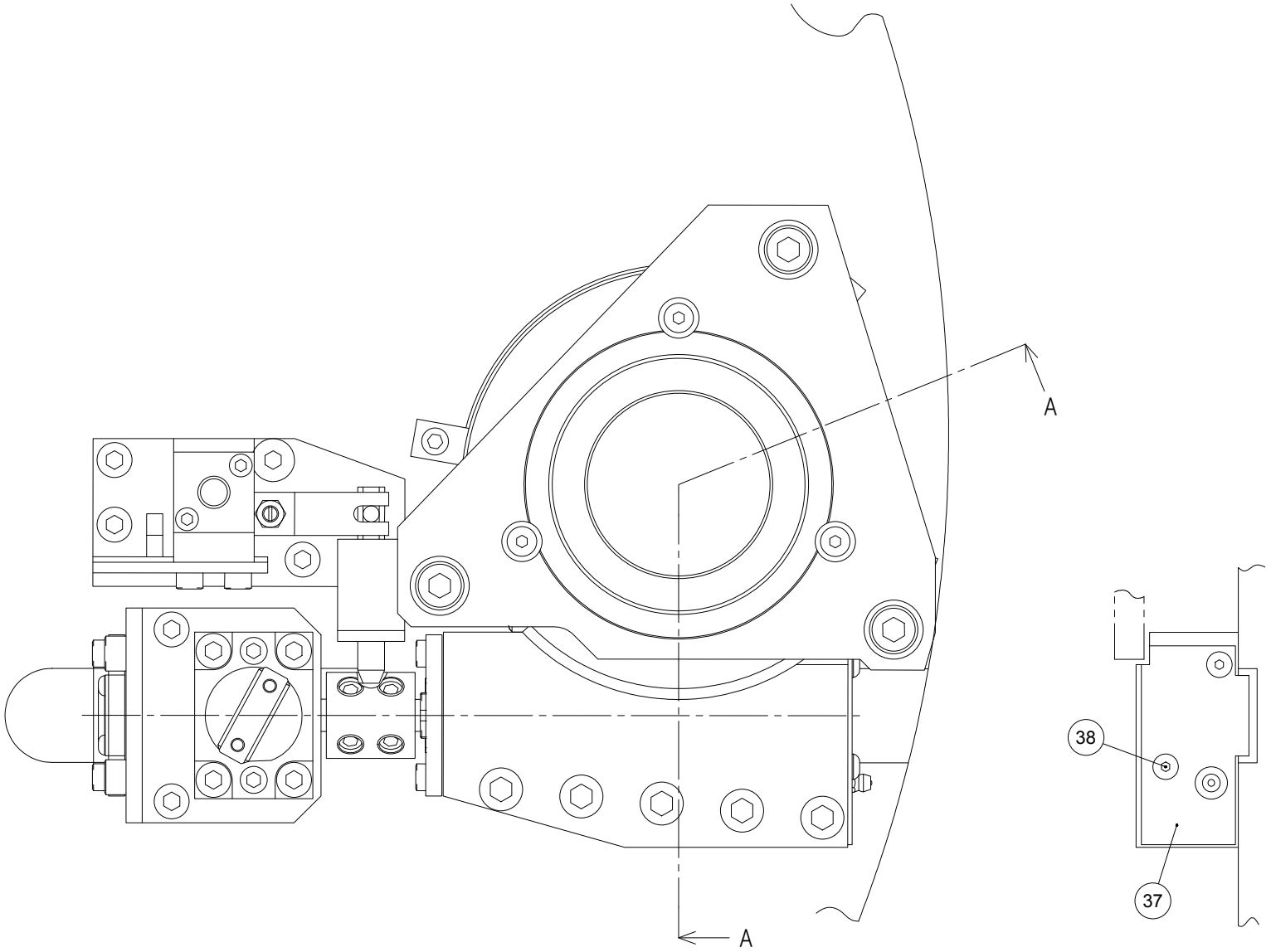
7
1 Worm Housing L1 ASSY
MA00859---

Unit No. 225 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

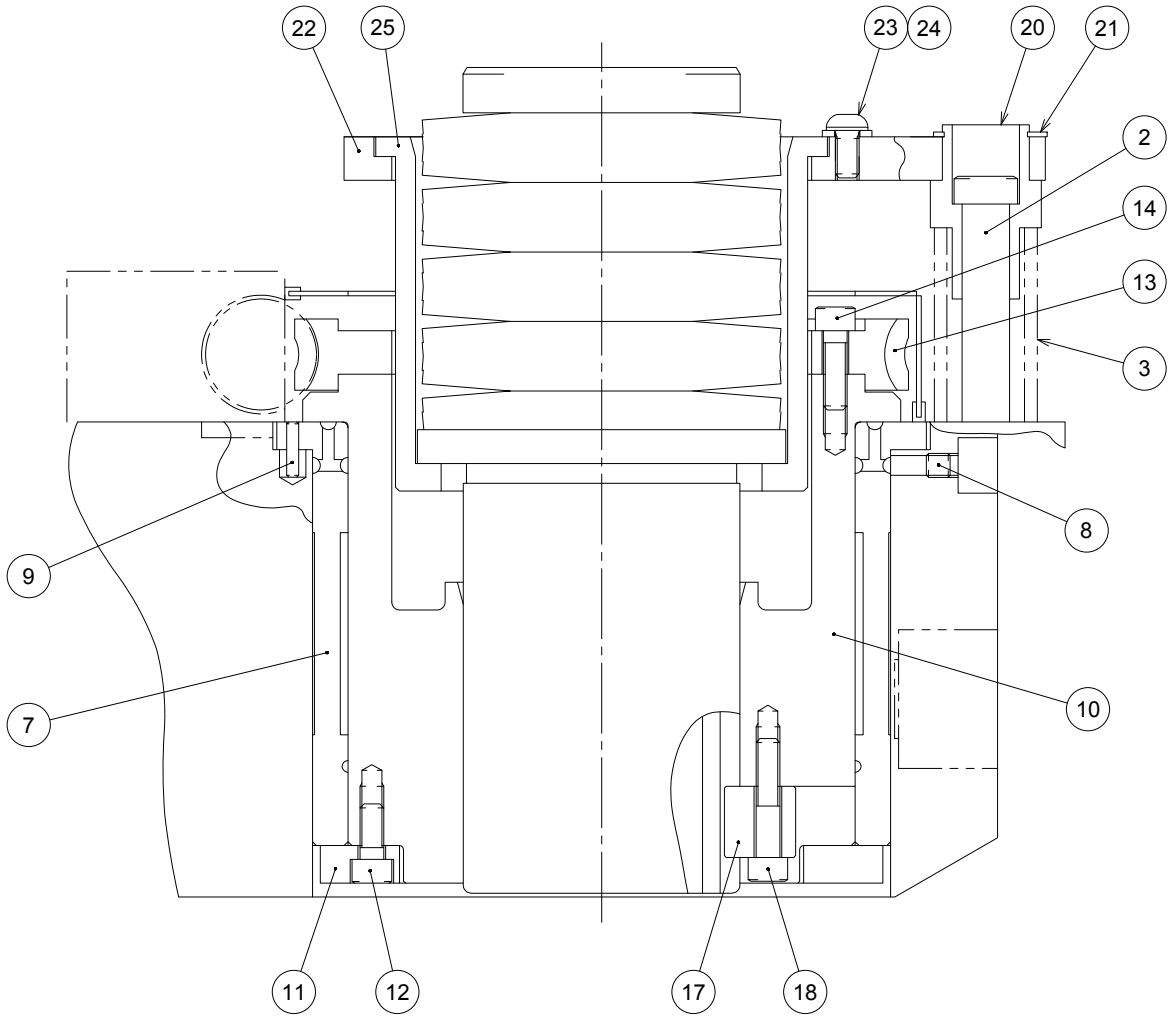
Unit No. 225 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



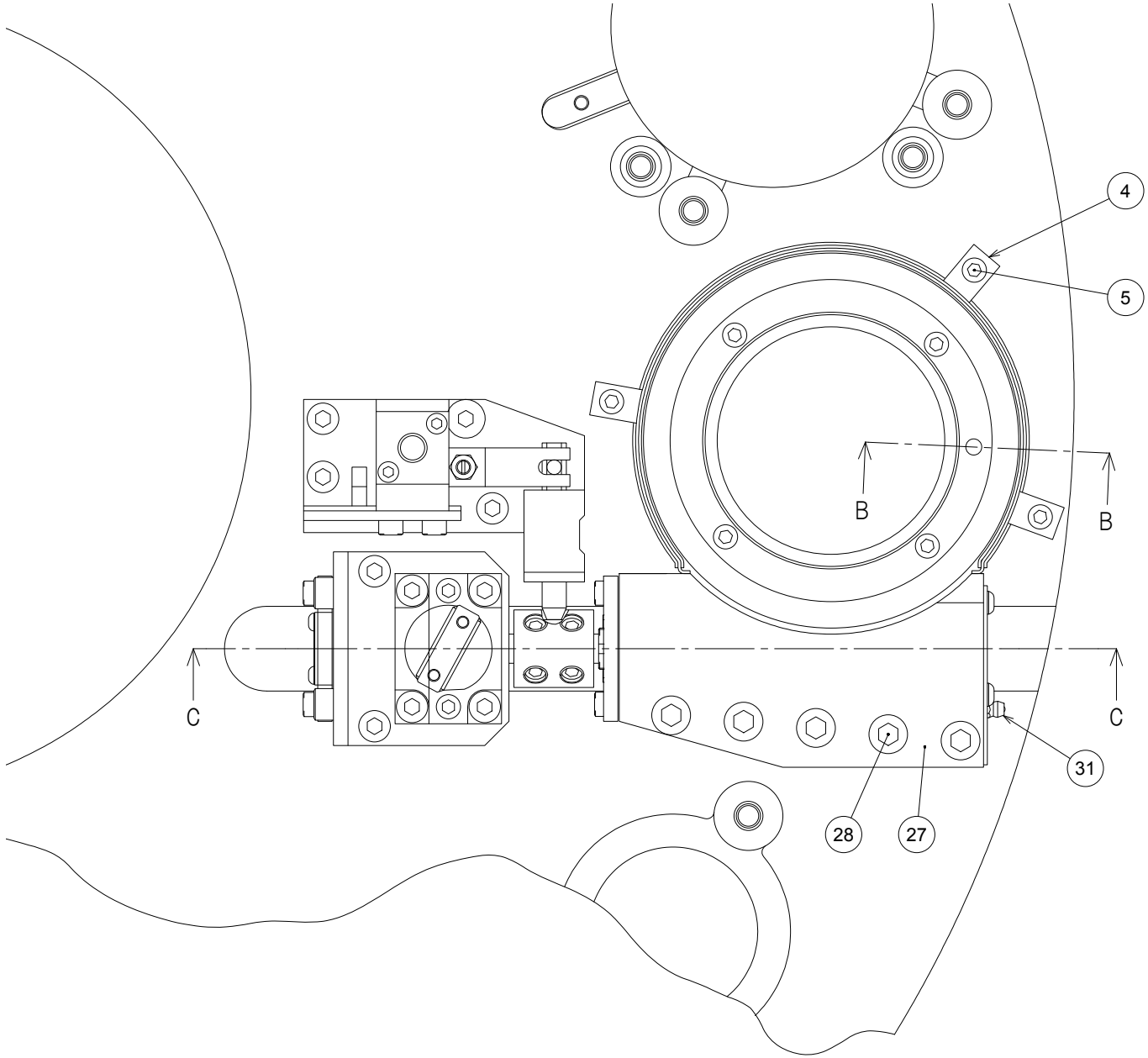
(1) 2″AI Turret ASSY Upper (6) Bearing Holder U2 ASSY (19) Link Holder U2 ASSY (26) Worm Housing U2 ASSY

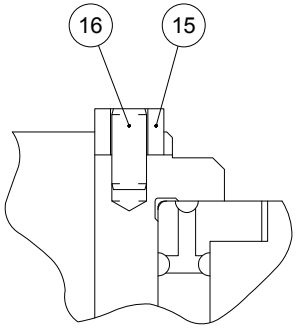
6875450 B



SECTION A-A

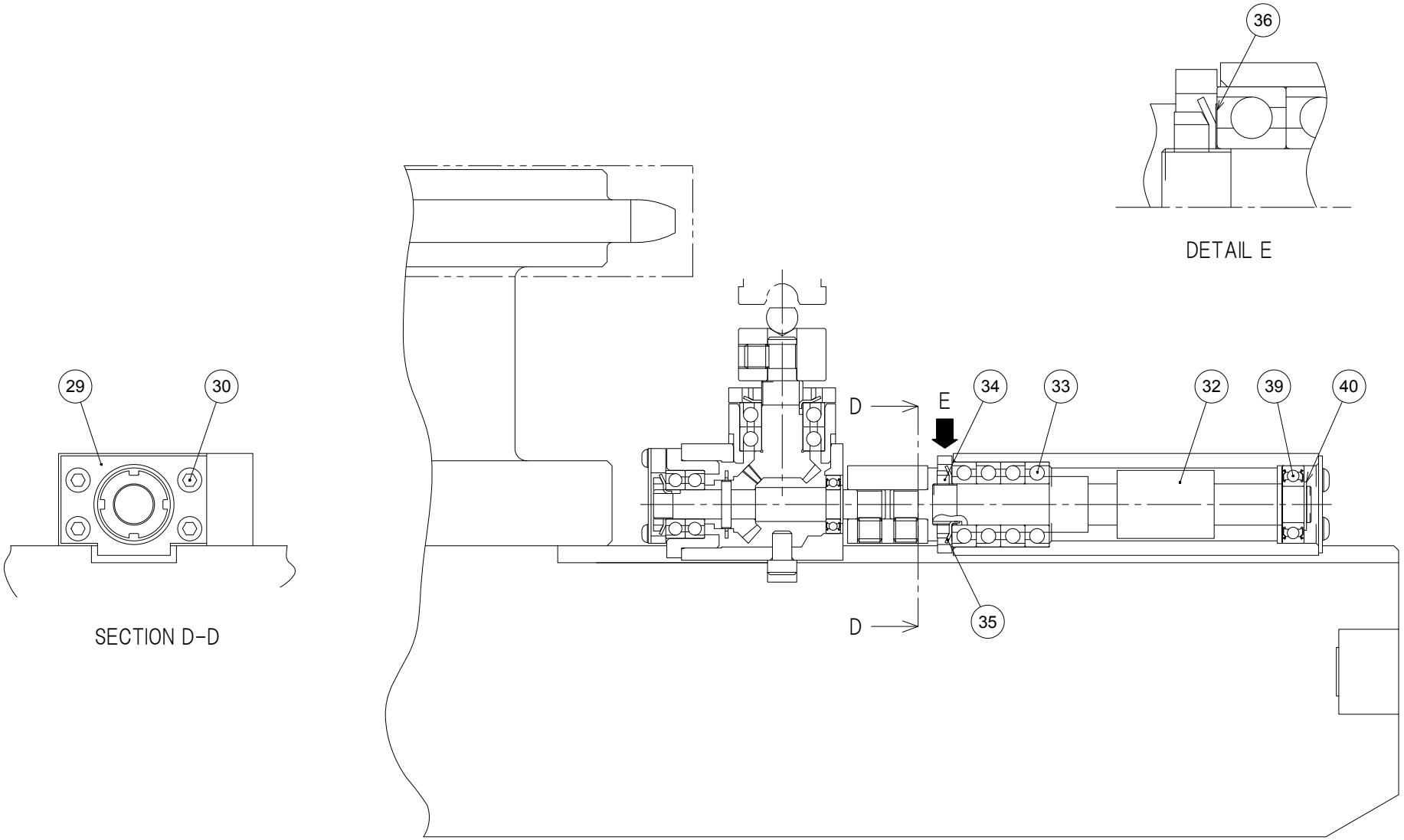
6875450 B





SECTION B–B

6875450 B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DETAIL E
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SECTION C-C
6875450 B

Unit No. 226 Turret AI(32ST-4AI)D-1/2"AI <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875450 B	2"AI Turret ASSY Upper	Index 2-40	2
2	74569846 3204978	Shoulder Screw		3
3	74569847 3200854	Spring 1/2"1-1/4"2"		3
4	74570173 6820190	Wheel Cover 2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
6	74901358 6875451	Bearing Holder U2 ASSY	Index 7-18	1
7	74389425 7830310 A	Guide Bushing Upper		1
8	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
9	74314911 P337030013	Spring Pin JIS	3X14AW	1
10	74577604 6820185 A	Guide Holder		1
11	74312664 0812308	Seal Retainer		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

Unit No. 226 Turret AI(32ST-4AI)D-1/2"AI <2"AI Turret ASSY Upper>

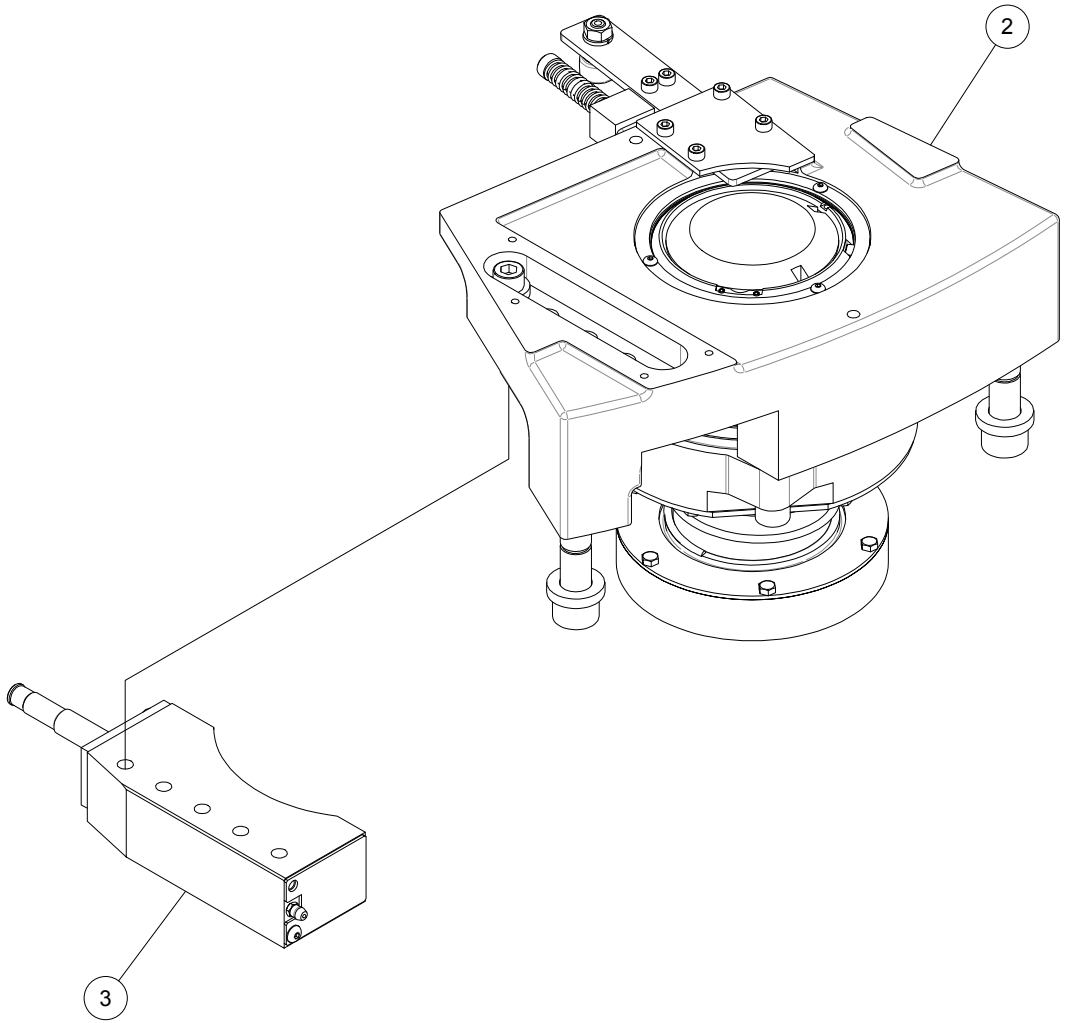
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74416401 0812301 A	Worm Wheel Upper		1
14	74183612 P330223023	Hex Socket Cap Screw SPS/UNBRAKO	M6X20LOC-WEL	4
15	74313917 0822421 A	Wheel Key Type-1		1
16	74314916 P337030055	Spring Pin JIS	6X14AW	1
17	74570169 6820186	Guide Key		1
18	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
19	 6875452	Link Holder U2 ASSY	 Index 20-25	1
20	74570170 6820187	Lifter Collar 2"		3
21	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3
22	74570171 6820188	Link Holder 2"		1
23	74183309 P334500014	Button Head Screw JIS	M6X12	3
24	74732449 0821819 A	Washer M6		3

Unit No. 226 Turret AI(32ST-4AI)D-1/2"AI <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570172 6820189	Lifter Ring 2"		1
26	74901359 6875453	Worm Housing U2 ASSY	Index 27-40	1
27	74570174 6820191	2" Worm Housing U		1
28	74183644 P330240012	Hex Socket Cap Screw	M10X50	5
29	74570135 6575856 A	Bearing Retainer E		1
30	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
31	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
32	74570175 6575857 A	Worm Shaft 2"		1
33	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
34	74183501 P406030002	Lock Nut JIS	AN-03	1
35	74183510 P406040002	Locking Washer JIS	AW-03	1
36	74313812 0822398	Seal		1

Unit No. 226 Turret Al(32ST-4Al)D-1/2"Al <2"Al Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74813214 6875454	Cover		1
38	74355302 P334500041	Button Head Screw	M5X15	2
39	74310515 P400010006	Deep Groove Ball Bearing JIS	6002ZZ	1
40	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1

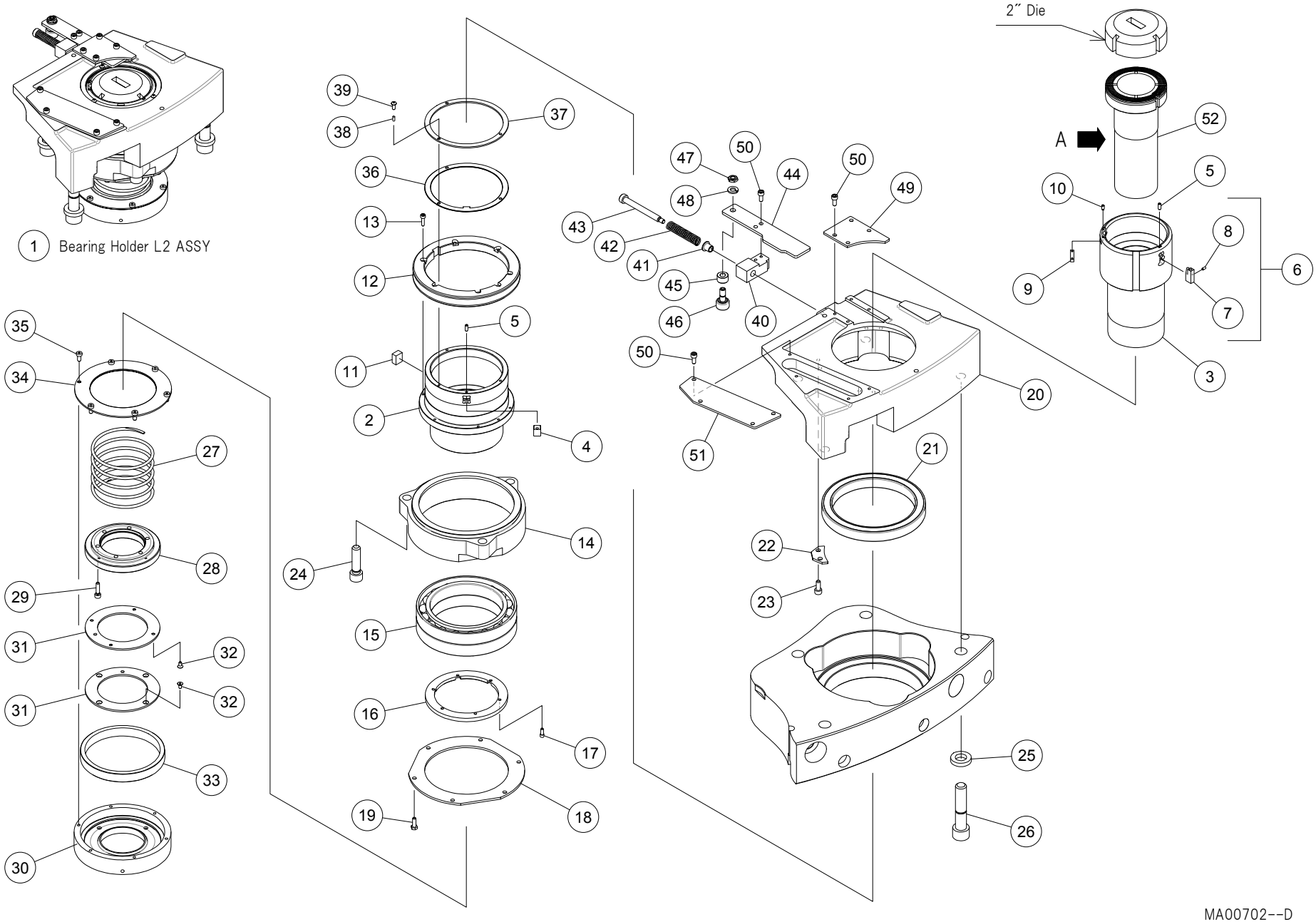


(1) 2″AI Turret ASSY Lower

MA00701---

Unit No. 227 Turret AI(32ST-4AI)D-1/2"AI <2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00701---	2"AI Turret ASSY Lower	Index 23	2
2	74403010 / MA00702--D	Bearing Holder L2 ASSY		1
3	74901366 / MA00710---	Worm Housing L2 ASSY		1


1 Bearing Holder L2 ASSY
2″ Die
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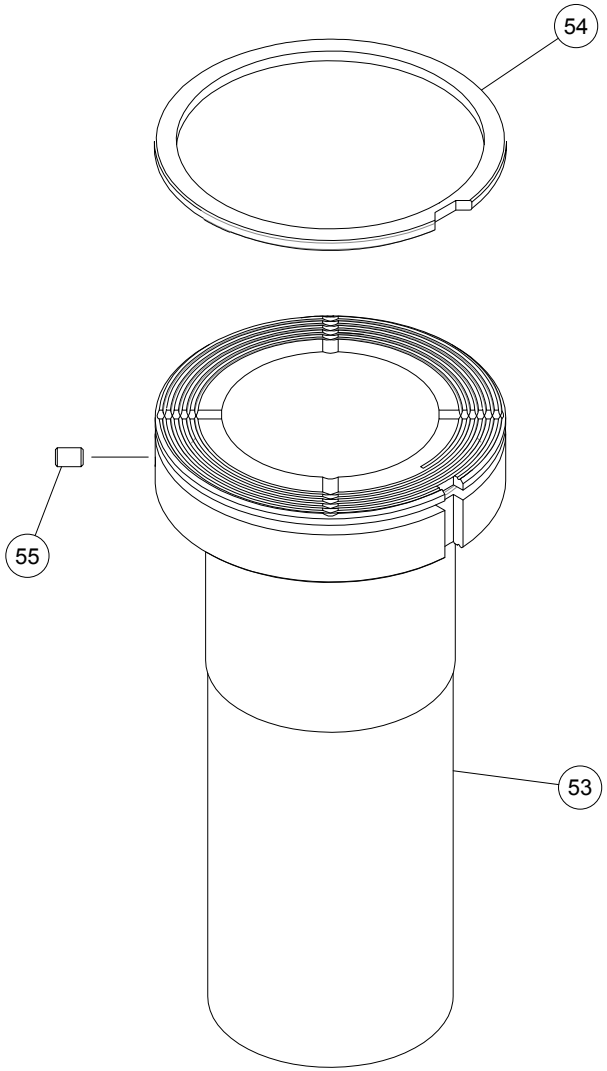
MA00702--D



DETAIL A

(52) Ejector Pipe Kit 2

MA02413---

Unit No. 228 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403010 MA00702--D	Bearing Holder L2 ASSY	 Index 2-55	1
2	74403011 MA00688--C	Lifter Holder 2AI		1
3	74403012 MA00689--B	Lifter Pipe 2AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	2
6	74901434 SPT0118---	2"AI Die Key ASSY	MA00865--AP337020007 Index 78	1
7	74901367 MA00865--A	Die Key		1
8	 P337020007	Parallel Pin JIS	A-3X6	1
9	74403013 MA04973---	Pipe Stopper Plate		1
10	74379606 P330570006	Socket Set Screw JIS	M4X8(Long Dog Point)	2
11	74563180 6570465	2" Lower Wheel Key		1
12	74901368 MA00866--A	Worm Wheel Lower		1

Unit No. 228 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
14	74901362 MA00690---	Bearing Holder L 2AI		1
15	74900890 P404024082	Complex Bearing NTN	7921UADDB/GLP5	1
16	74901380 MA04923---	Flange		1
17	74900888 P330207014	Hex Socket Cap Screw MISUMI	SBB4-10	6
18	74901381 MA04924---	Bearing Stopper Lower		1
19	74776725 P330010004	Bolt	M5X15	6
20	74901370 MA02535--B	Die Spacer 2		1
21	74900889 P400017067	Deep Groove Ball Bearing NSK	6824ZZ	1
22	74901369 MA02521---	Stopper Piece		4
23	74183608 P330220006	Hex Socket Cap Screw	M6X15	8
24	74183658 P330250008	Hex Socket Cap Screw	M12X45	3

Unit No. 228 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L2 ASSY>

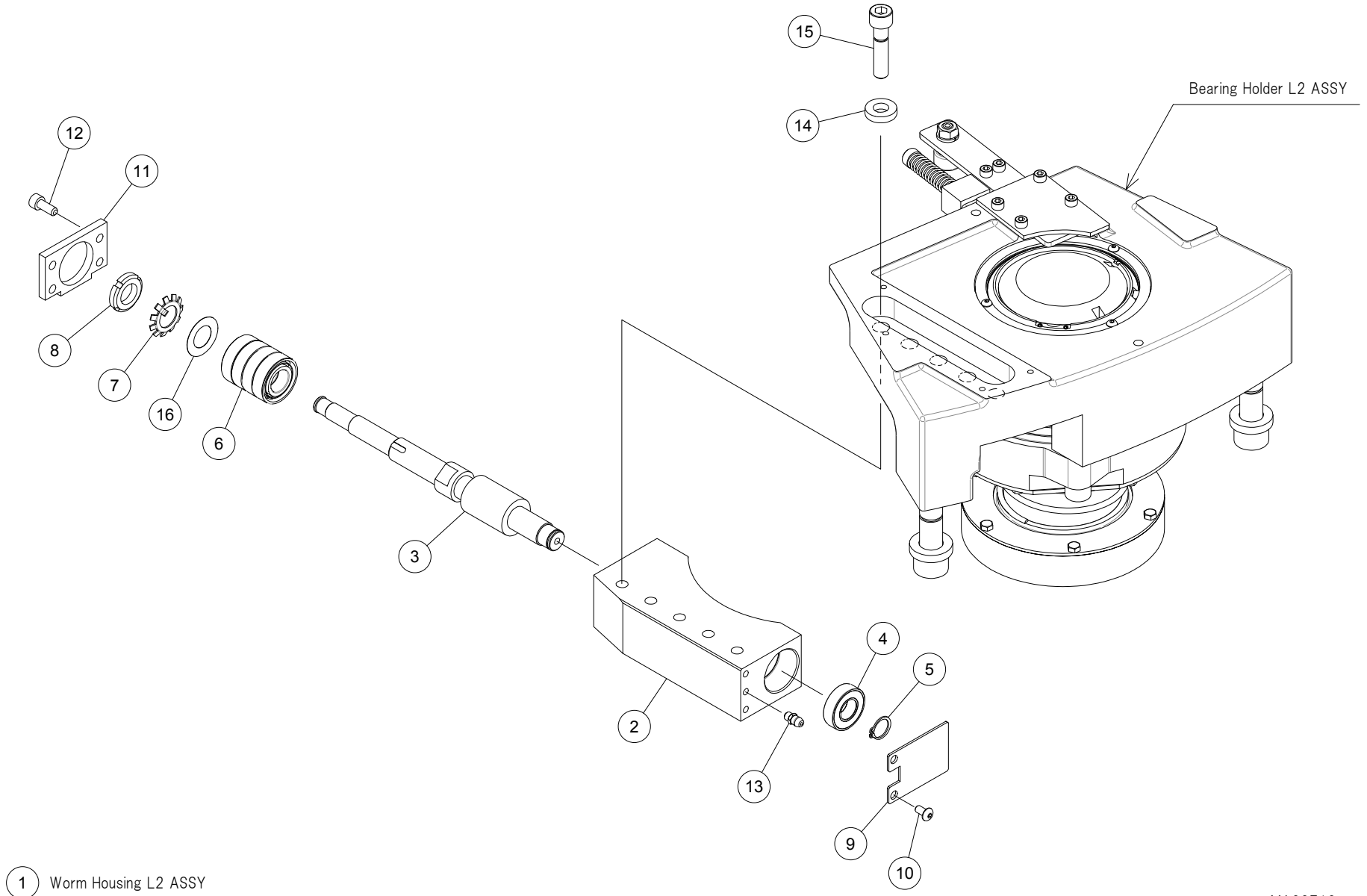
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303705 6012794	Washer M16		4
26	74302824 P330260039	Hex Socket Cap Screw MOURI	M16X75	4
27	74901363 MA00695---	Return Spring 2AI		1
28	74901364 MA00697--B	Lifter Ring 2AI		1
29	74314404 P330210009	Hex Socket Cap Screw	M5X20	6
30	74403014 MA00698--B	Lifter Ring Holder 2AI		1
31	74901365 MA00706--A	Slip Plate 2AI OILES Industry		2
32	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
33	74900417 MA00852---	Slip Ring		1
34	74403015 MA00696--A	Ring Stopper 2AI		1
35	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
36	74901361 MA00687--A	Cover Seal 2AI		1

Unit No. 228 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74901360 MA00686--A	Cover Seal Retainer 2AI		1
38	74900358 MA00562---	Screw Stopper		3
39	74535012 P334500005	Button Head Screw	M4X10	3
40	74900448 MA01285---	Guide Holder		1
41	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
42	74900347 MA00287---	Spring		1
43	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
44	74901374 MA03330--B	Slide Stopper 2AI		1
45	74900447 MA01284---	Color 3-1/2"		1
46	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
47	74722743 P332000018	Nut JIS	M8(Thin)	1
48	74183103 P336050006	Spring Washer JIS	8	1

Unit No. 228 Turret AI(32ST-4AI)D-1/2"AI <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74901375 MA03331--A	Slide Stopper Holder 2AI		1
50	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
51	74901371 MA02536---	Top Cover 2		1
52	74900466 MA02413---	Ejector Pipe Kit 2	 Index 53-55	1
53	74900343 MA00268---	Ejector Pipe 2"		1
54	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1
55	 7421419	Pin 1-1/4"		1

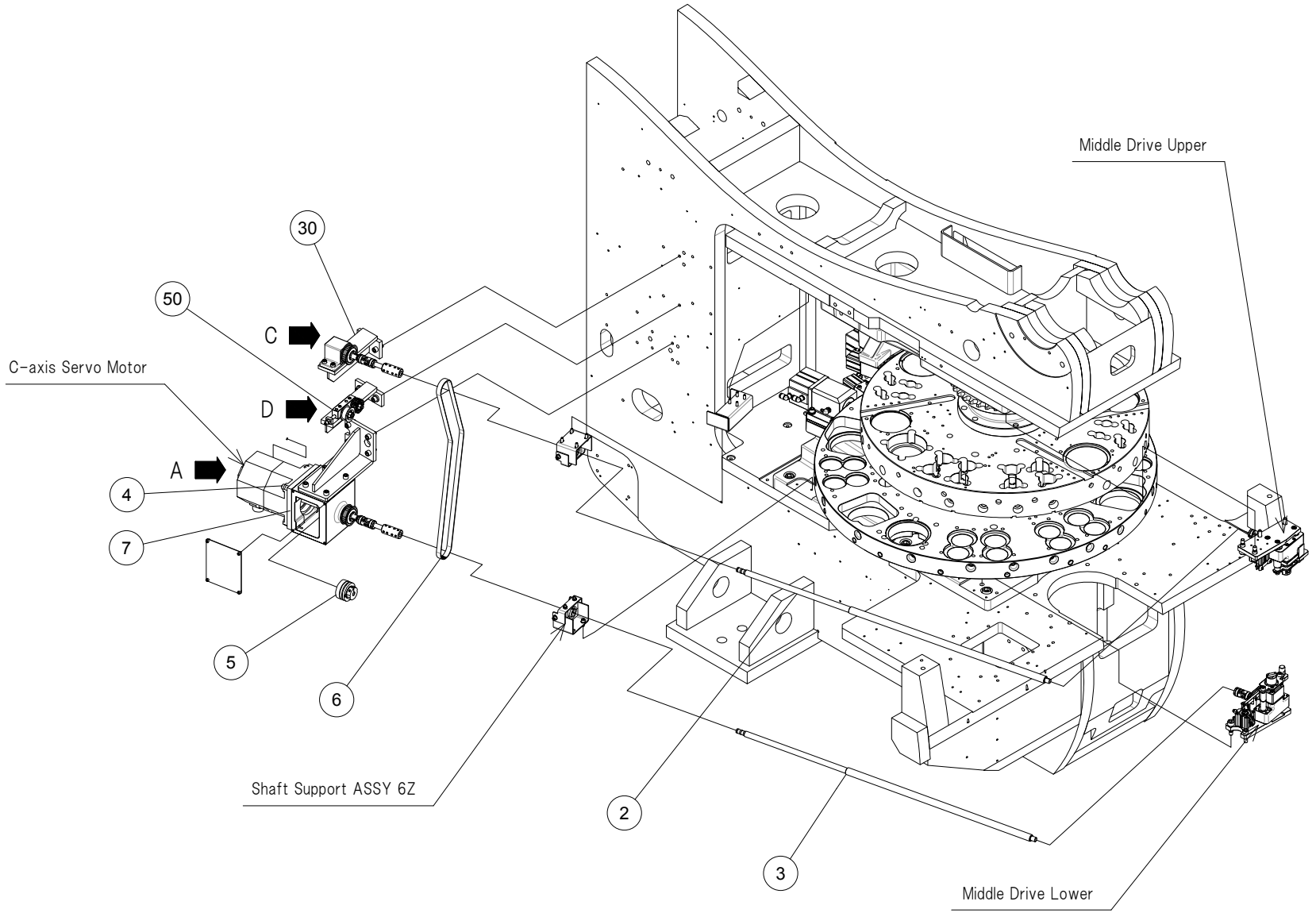

15
14
Bearing Holder L2 ASSY
12
11
8
7
16
6
3
4
5
2
13
9
10
1 Worm Housing L2 ASSY
MA00710---

Unit No. 229 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901366 MA00710---	Worm Housing L2 ASSY	Index 2-16	1
2	74901372 MA02537---	Worm Housing L2		1
3	74570181 6536142 A	Worm Shaft 2"		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
7	74183510 P406040002	Locking Washer JIS	AW-03	1
8	74183501 P406030002	Lock Nut JIS	AN-03	1
9	74901373 MA02538---	Cover 2		1
10	74183302 P334500013	Button Head Screw	M6X10	2
11	74570135 6575856 A	Bearing Retainer E		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

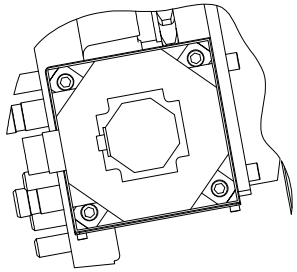
Unit No. 229 Turret AI(32ST-4AI)D-1/2"AI <Worm Housing L2 ASSY>

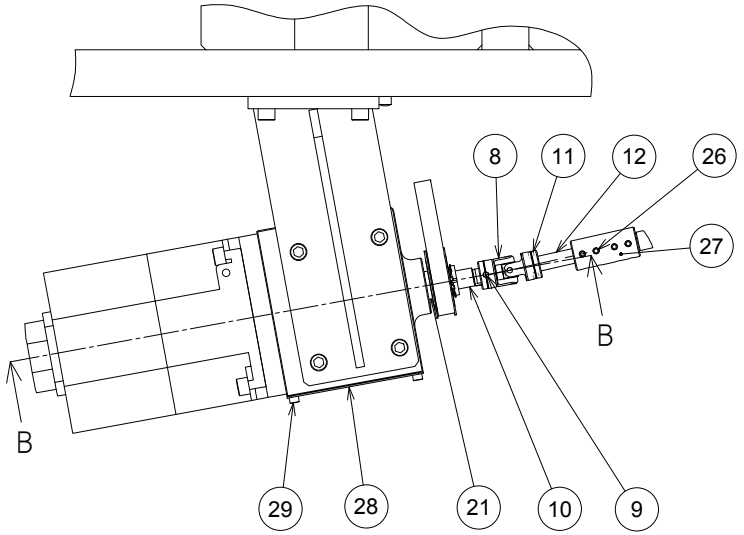
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
14	74165309 0827013 B	Washer M10		5
15	74183643 P330240011	Hex Socket Cap Screw	M10X45	5
16	74313812 0822398	Seal		1

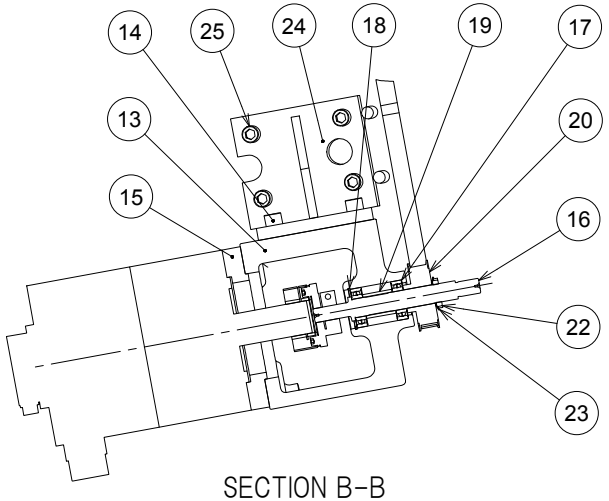


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





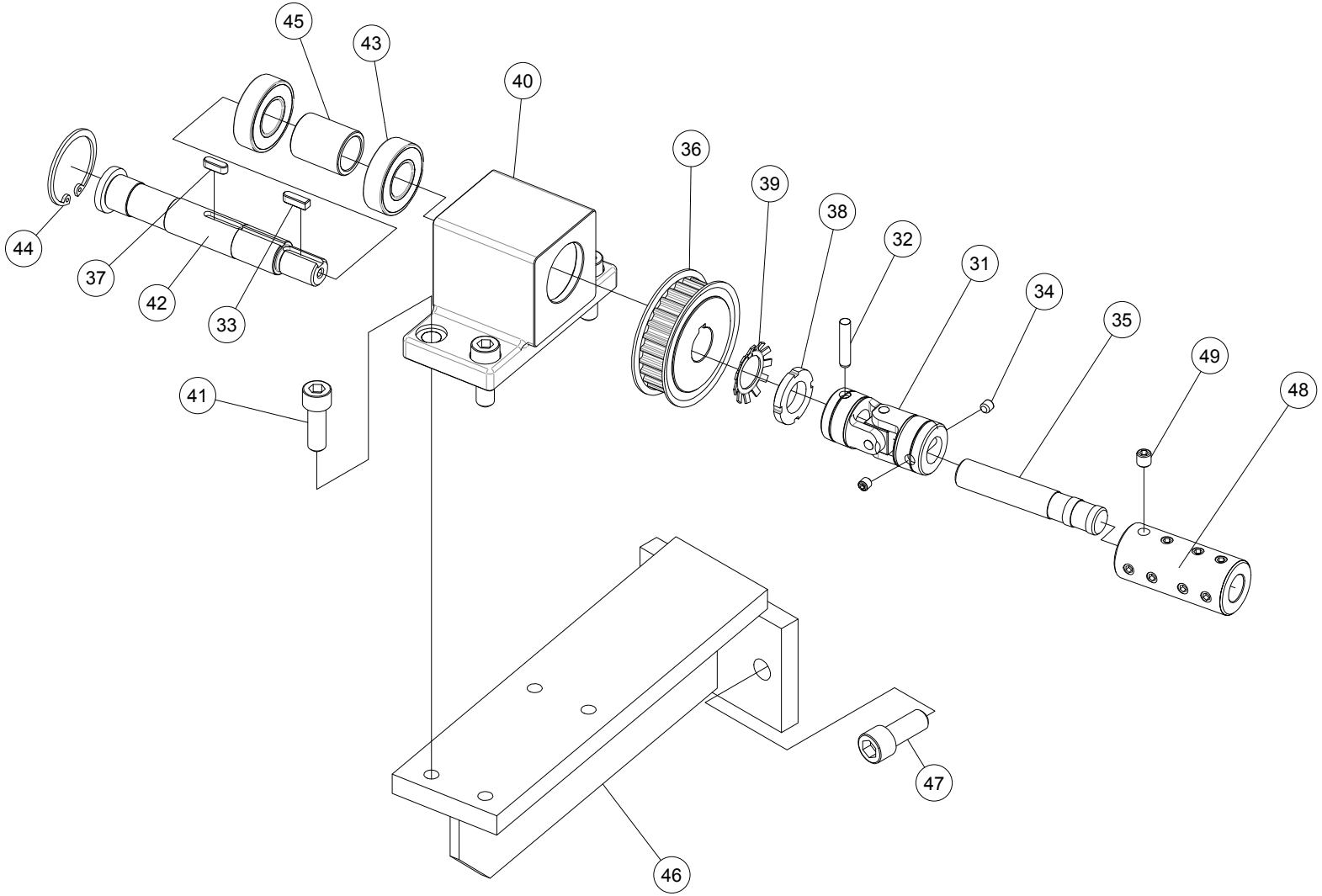


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

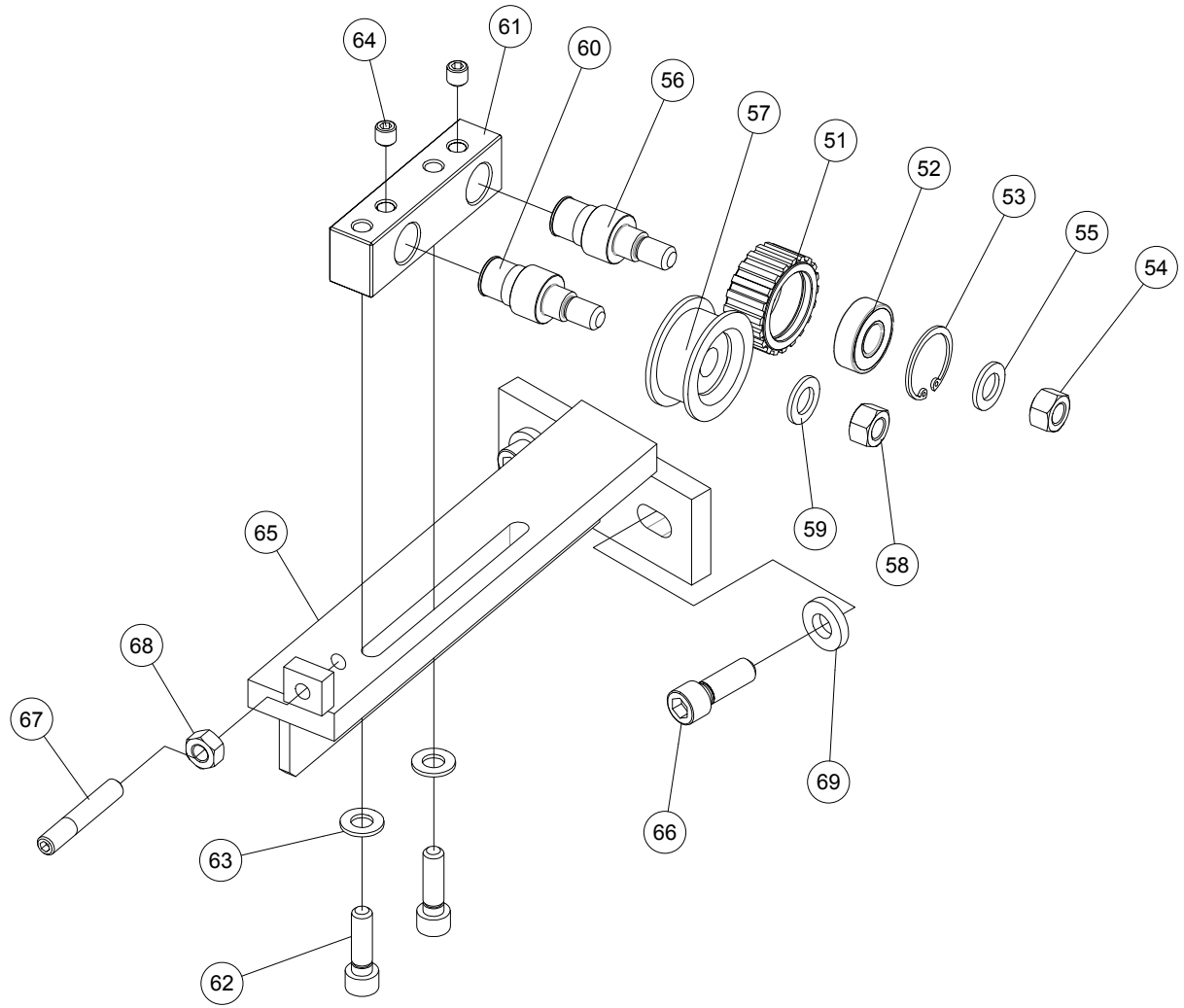
CE01746---
(MA00868#2-)



DETAIL C

30 C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

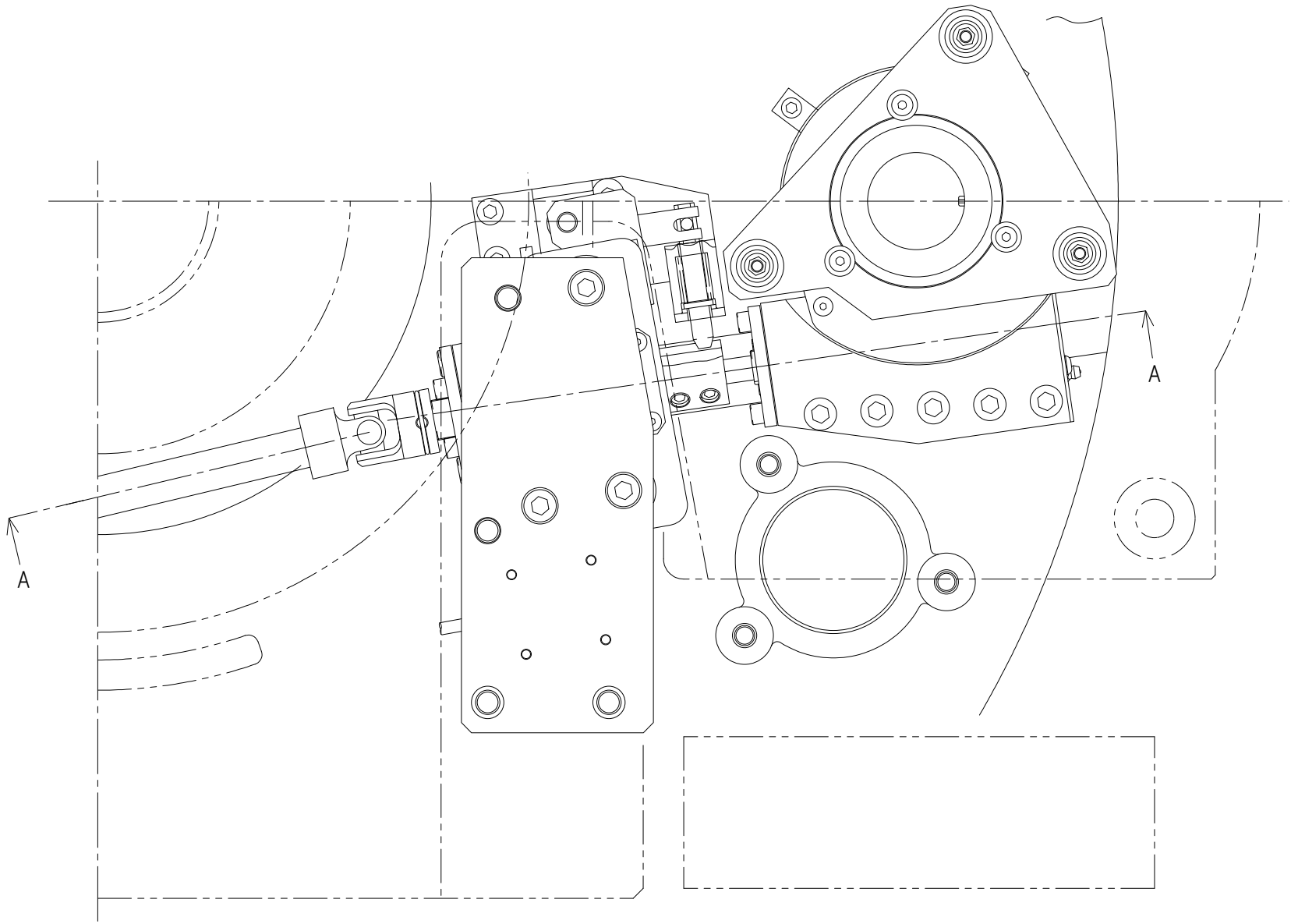
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

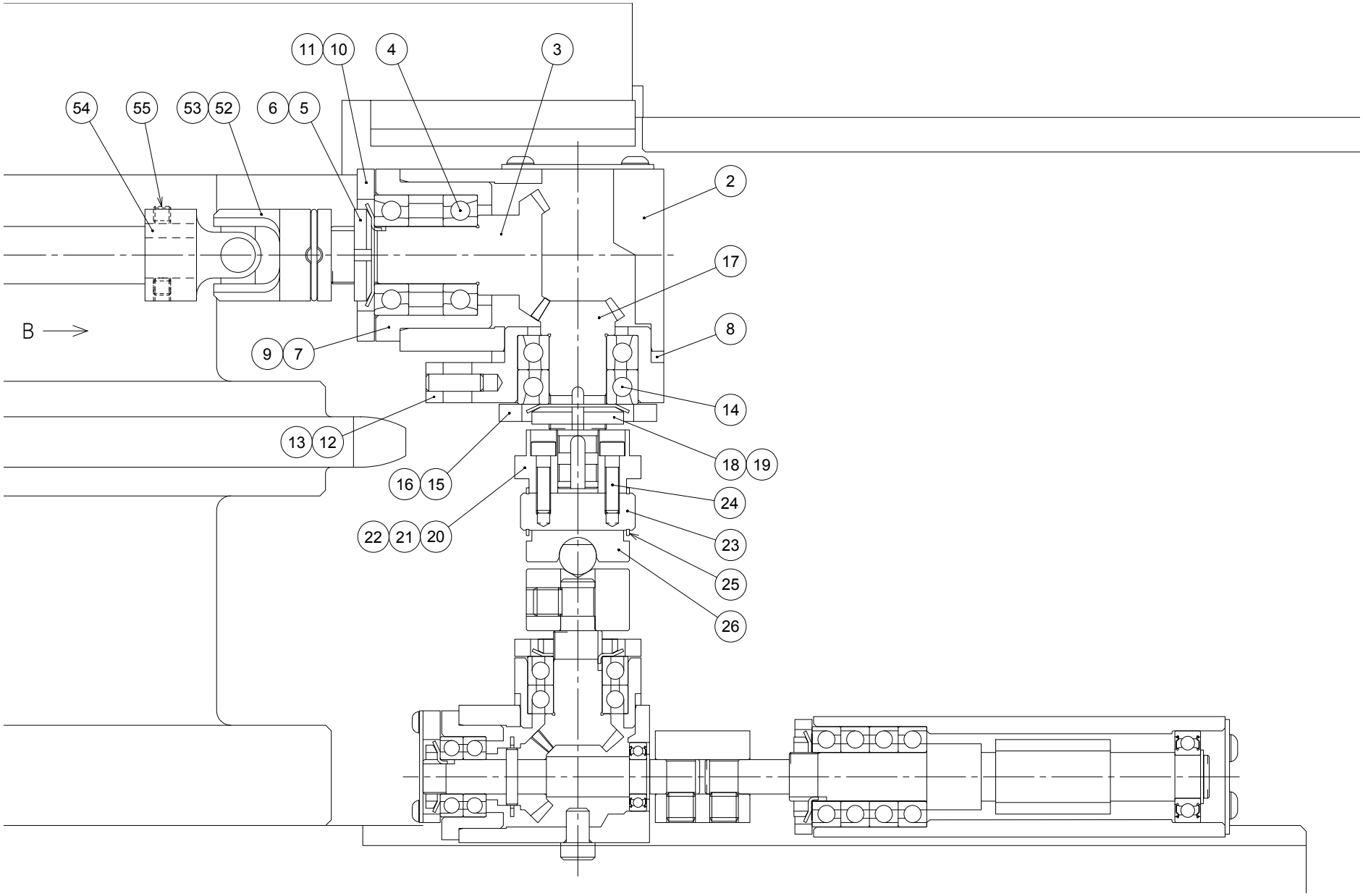
Unit No. 230 Turret AI(32ST-4AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



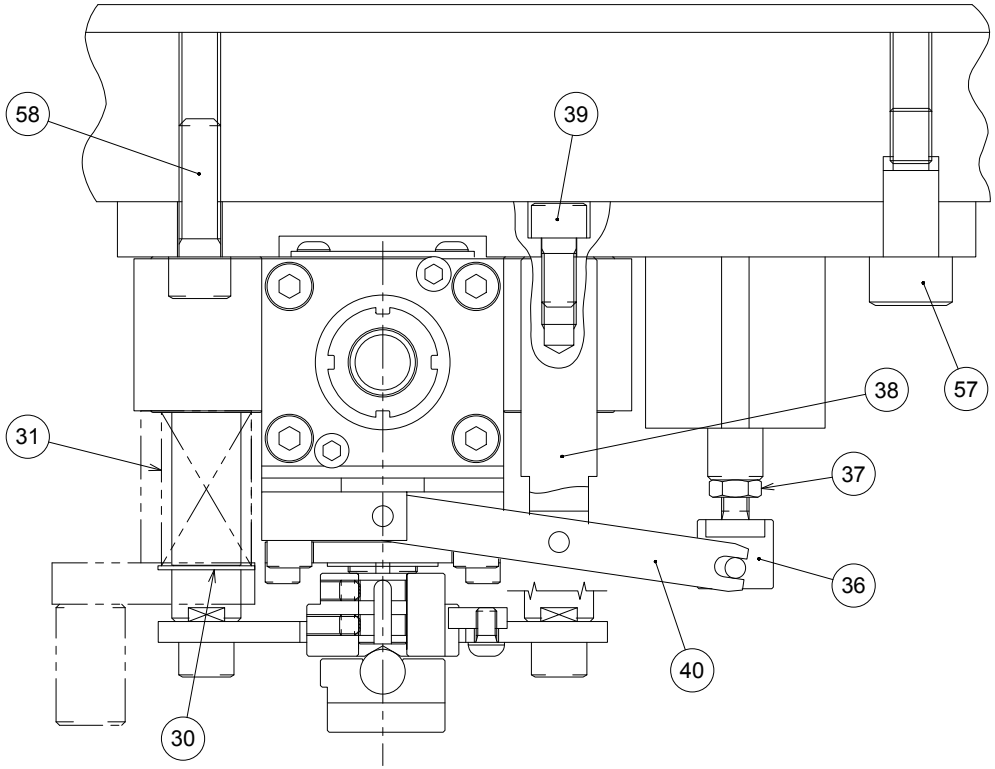
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

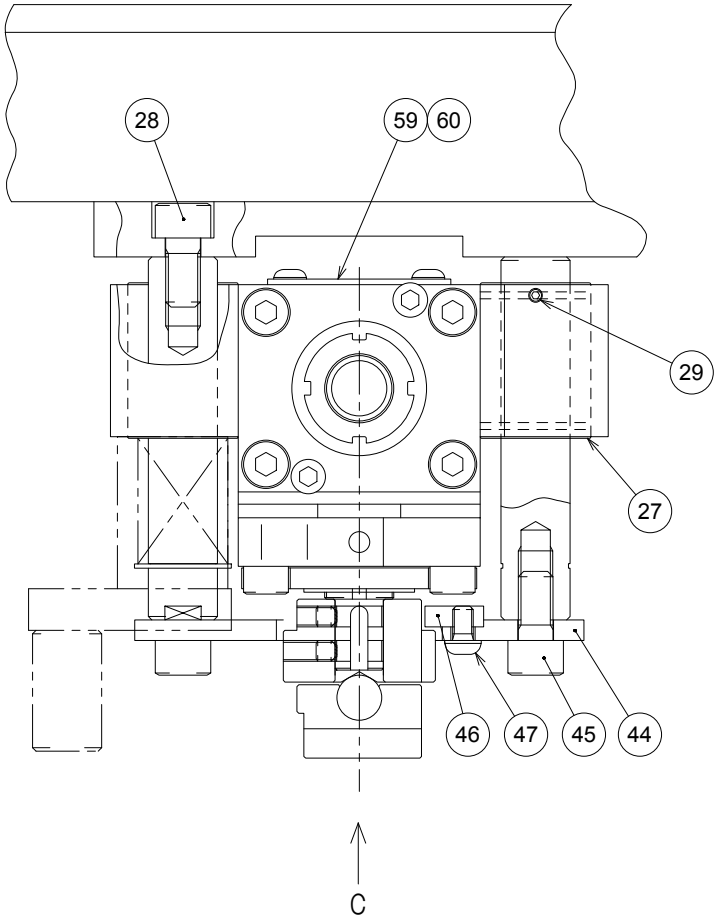


SECTION A-A

MA03077---
(6875435 B)

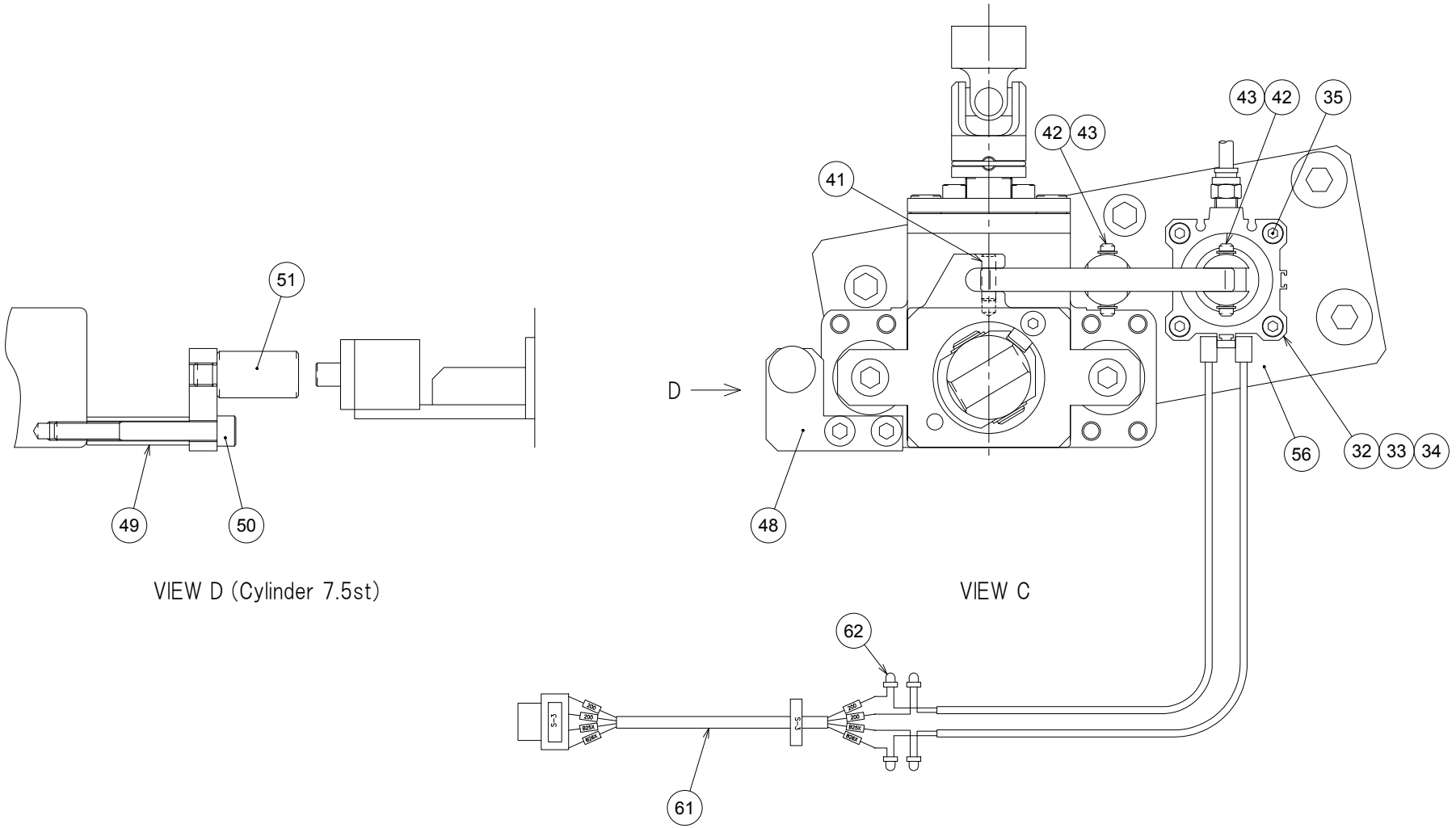


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 / MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	1
5	74183502 / P406030003	Lock Nut / JIS	AN-04	1
6	74183512 / P406040003	Locking Washer / JIS	AW-04	1
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	2
12	74570106 / 6813139 A	Point Case Upper		1

Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

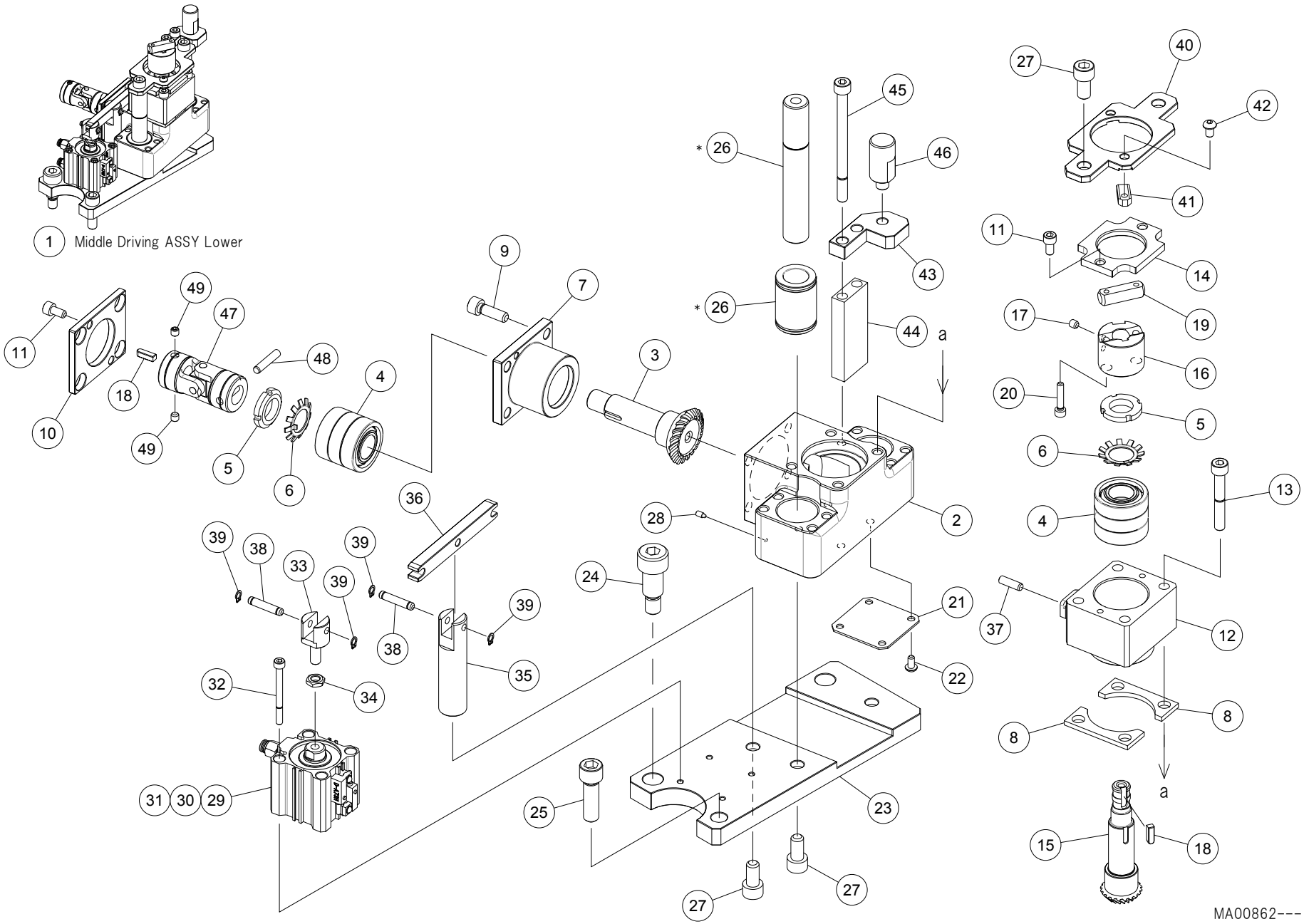
Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

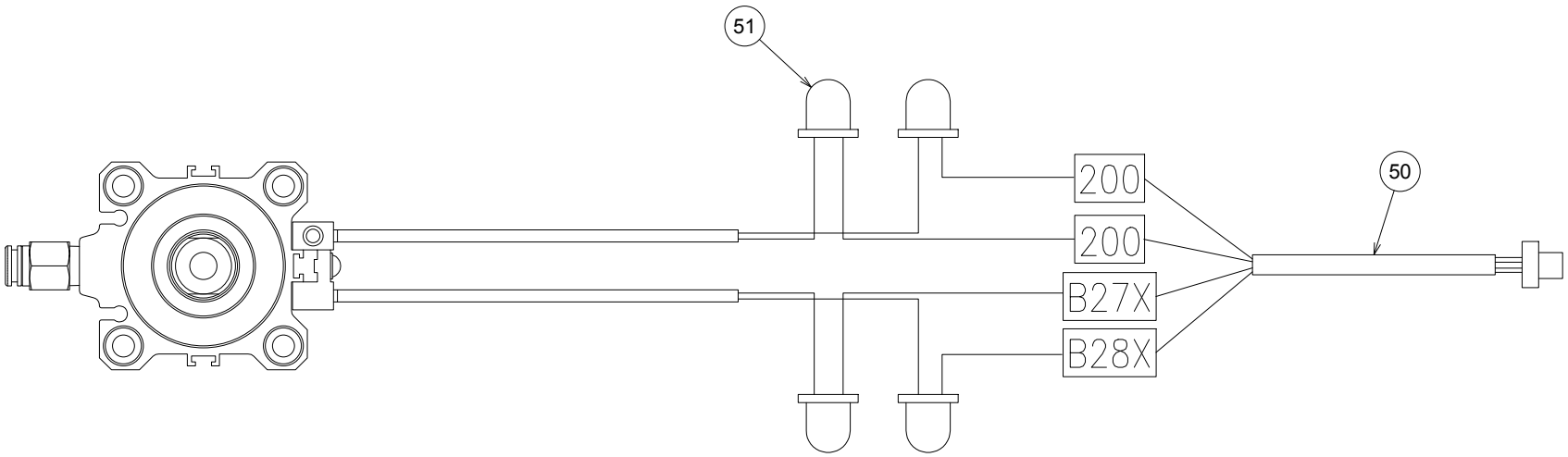
Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 231 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483	Cable S-3		1
	MA03061---		(SQ6364)	
62	74382938	Terminal	CE-1	4
	P869150001	JIS		


1 Middle Driving ASSY Lower
MA00862---



MA00862---

Unit No. 232 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 / MA00862---	Middle Driving ASSY Lower	Index 2-51	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	2
5	74183502 / P406030003	Lock Nut / JIS	AN-04	2
6	74183512 / P406040003	Locking Washer / JIS	AW-04	2
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	4
12	74900384 / MA00664---	Point Case Lower		1

Unit No. 232 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 232 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Lower>

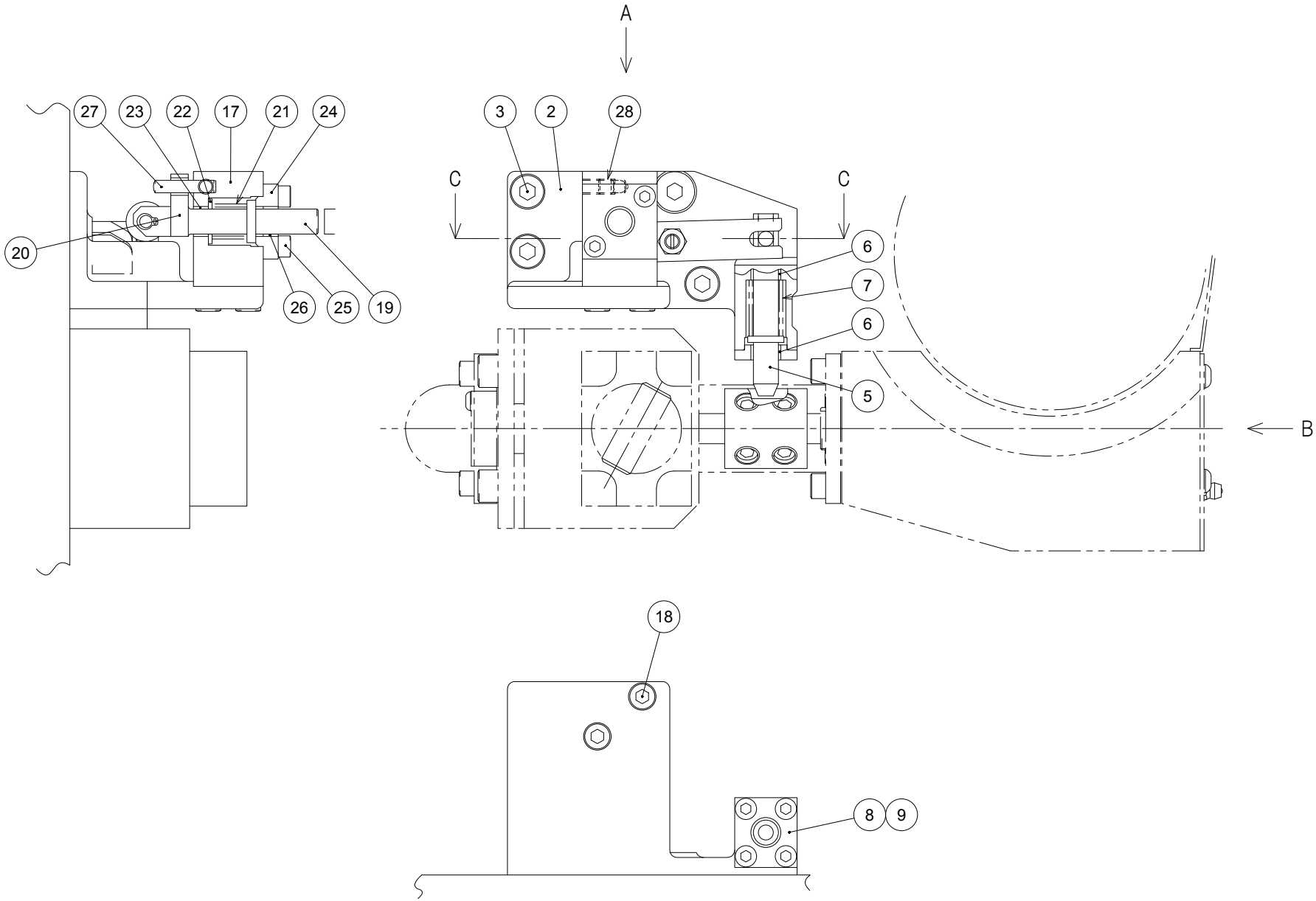
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 232 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 P337020034	Parallel Pin JIS	A-6X20	1
38	74570115 6813144	A/I Cylinder Pin		2
39	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
40	74570116 6813146	Point Plate		1
41	74570124 6813149	Key L		1
42	74183302 P334500013	Button Head Screw	M6X10	1
43	74570125 6813155	Push Rod Arm L		1
44	74900456 MA01988---	Spacer L		1
45	74183701 P330230023	Hex Socket Cap Screw MOURI	M8X105	2
46	74386766 6593236	B Rod L1		1
47	74322357 7830034	Universal Joint KYOWA		1
48	74379608 P337020036	Parallel Pin JIS	A-6X30	1

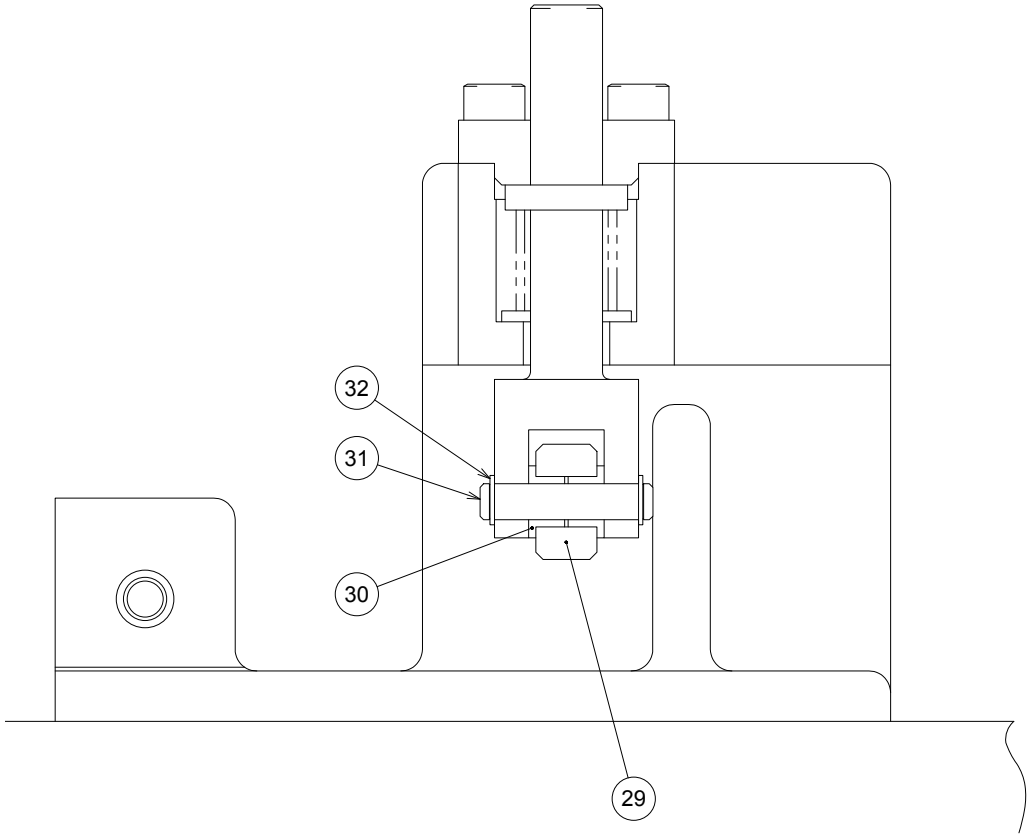
Unit No. 232 Turret AI(32ST-4AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		

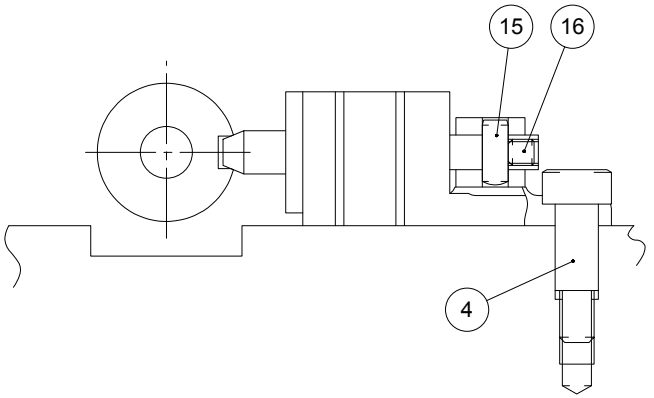


(1) Brake ASSY

7401750--G



VIEW A



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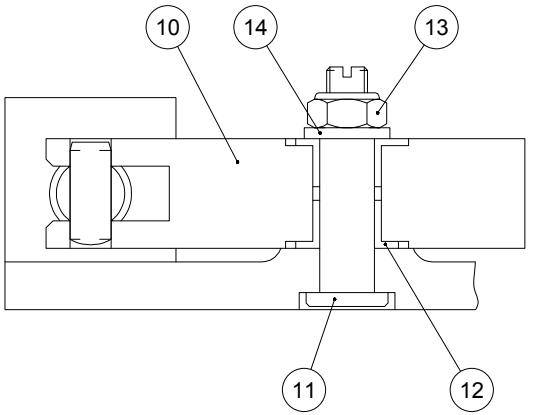


SECTION C-C

7401750--G

Unit No. 233 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

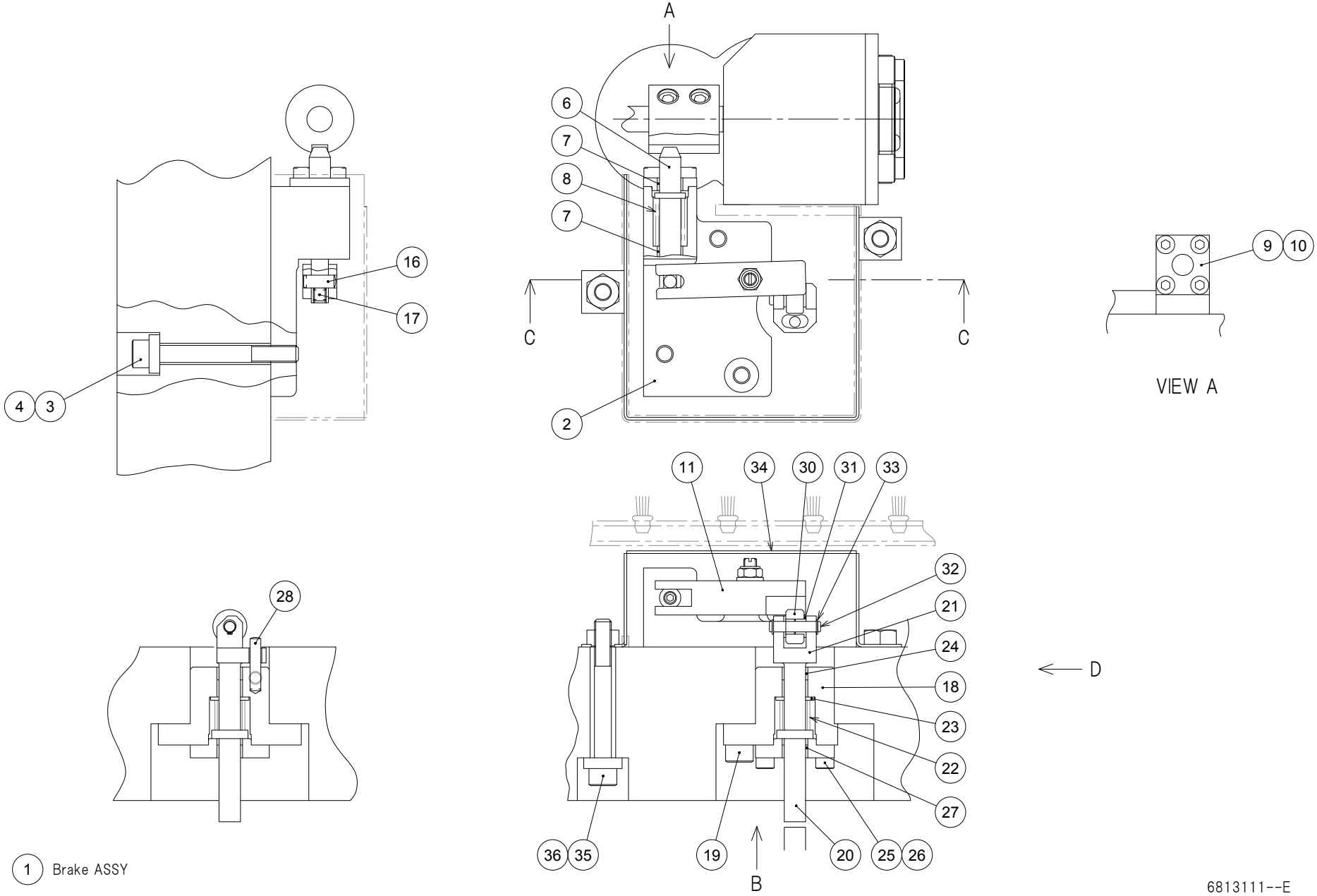
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 233 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

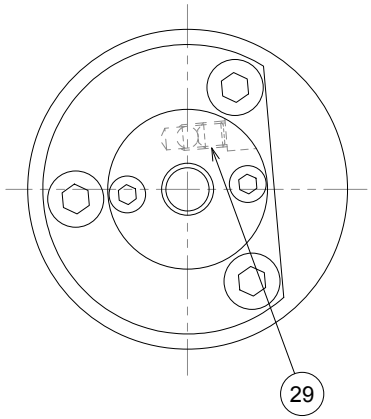
Unit No. 233 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300614 / P330210004	Hex Socket Cap Screw / JIS	M5X12	2
26	74570154 / P407003201	Bushing / DAIDO METAL	DUB1006	1
27	74900653 / P337020273	Parallel Pin / JIS	A-5X25	1
28	74305504 / P330550024	Socket Set Screw / JIS	M6X6(Flat Type)	1
29	74562625 / 6501998 A	Roller		1
30	74570157 / P407013073	Bushing / DAIDO METAL	DUF0504-10	2
31	74900321 / 6501992--C	Pin 2		1
32	74160219 / P406108136	Locating Snap Ring / OCHIAI	STW-5	2

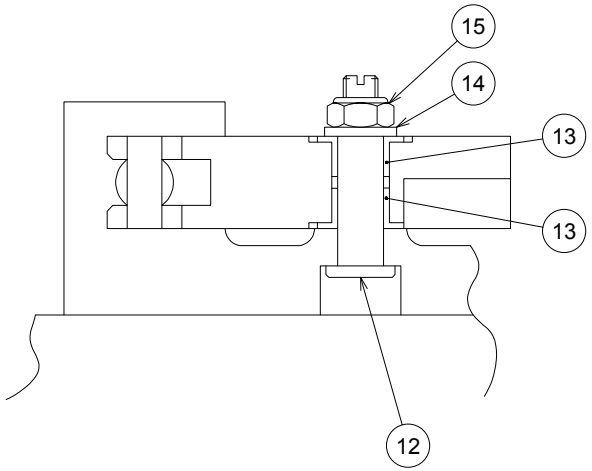


1 Brake ASSY

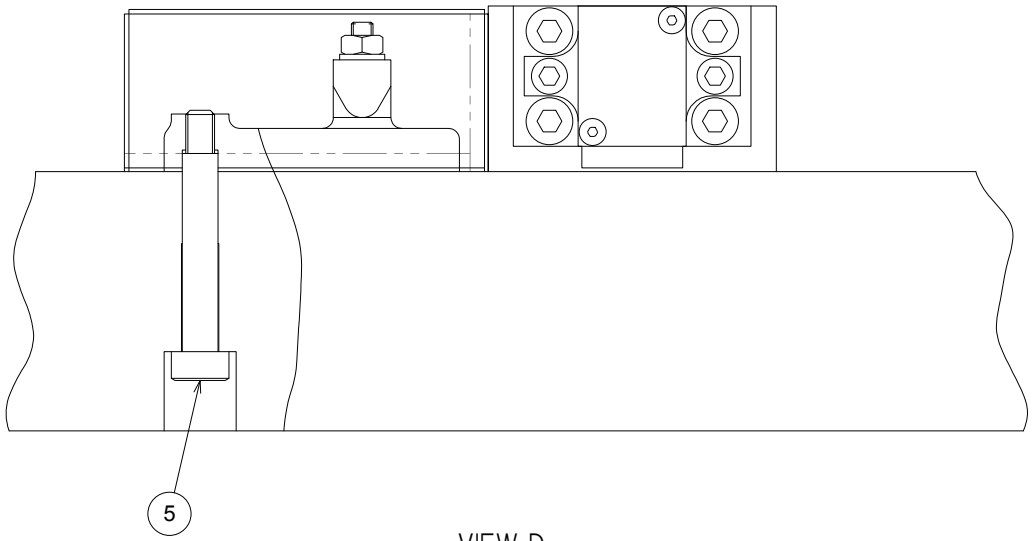
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 234 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

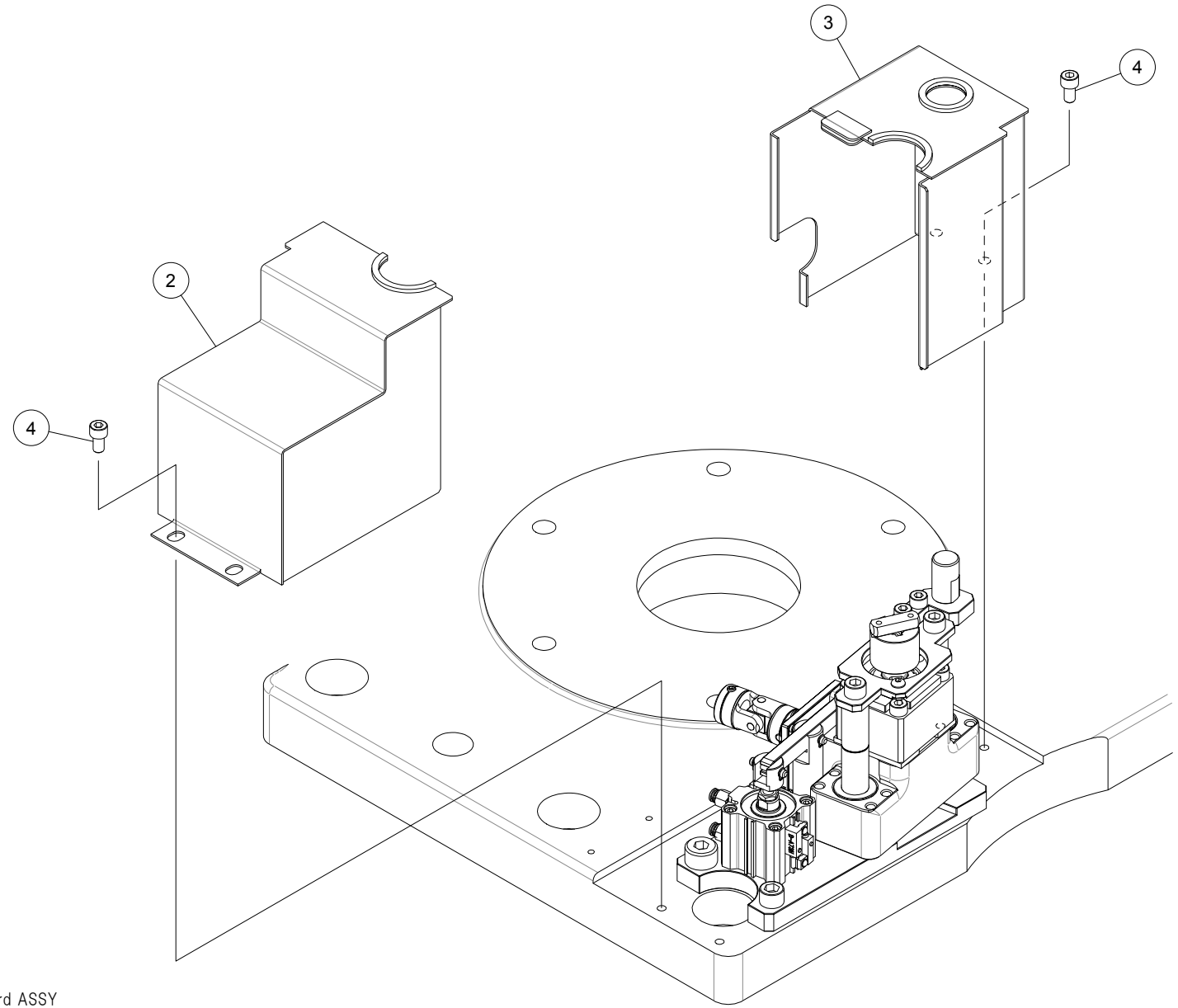
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 234 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 234 Turret AI(32ST-4AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

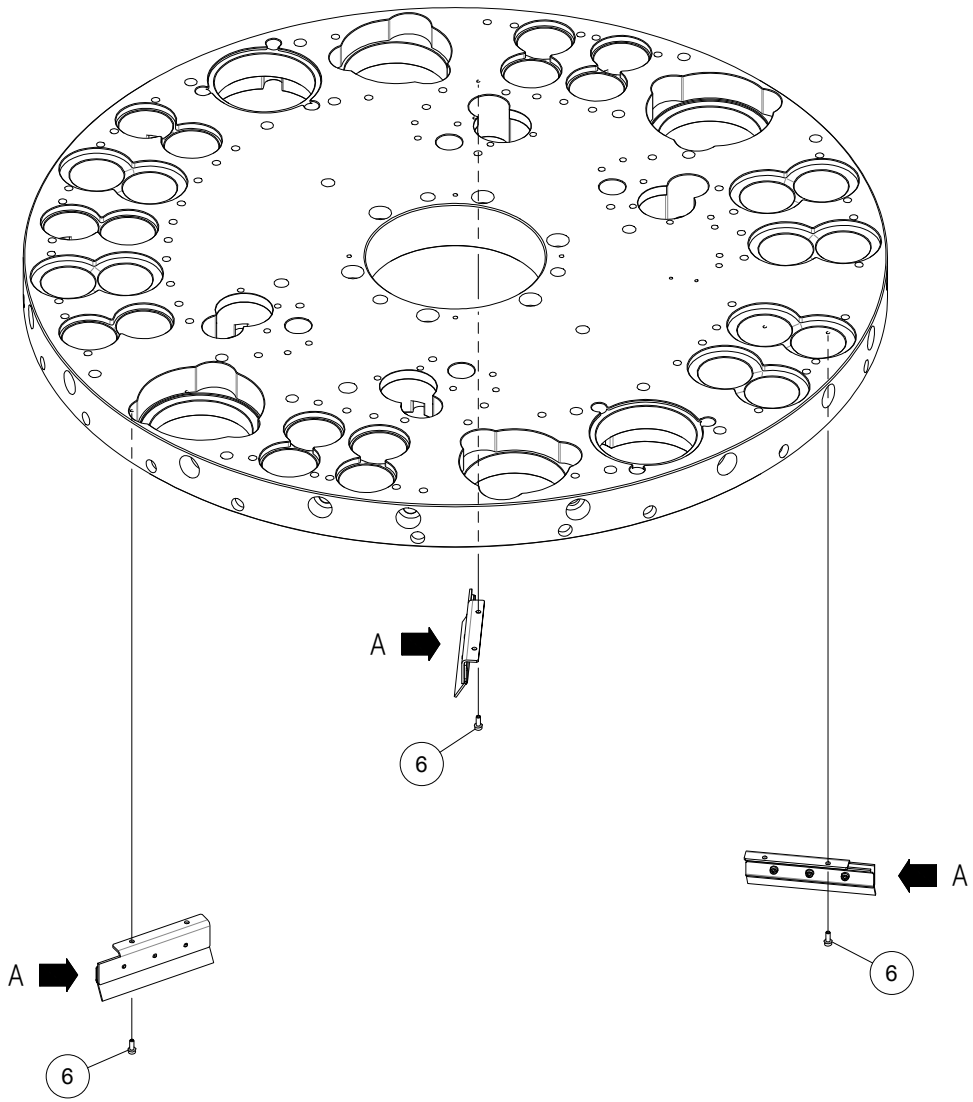


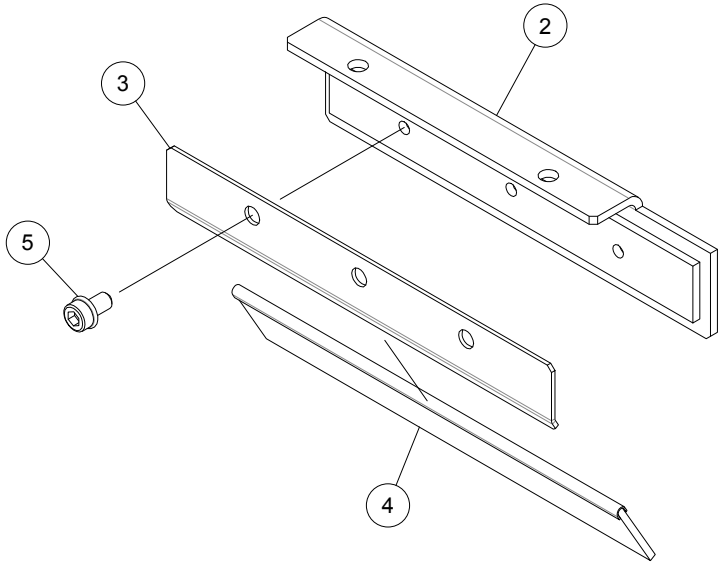
(1) Scrap Guard ASSY

MA00605---

Unit No. 235 Turret AI(32ST-4AI)D-1/2"AI <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 / MA00728--A	Scrap Guard 1		1
3	74900405 / MA00729--A	Scrap Guard 2		1
4	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5





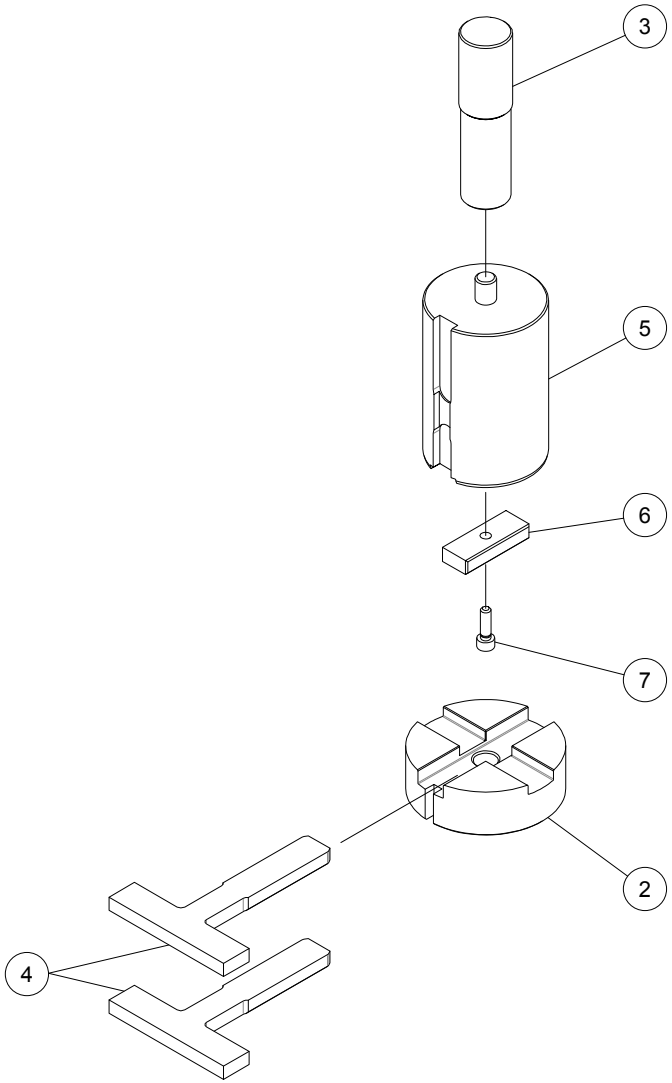
DETAIL A

(1) Scraper ASSY

MA00606---

Unit No. 236 Turret AI(32ST-4AI)D-1/2"AI <Scraper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900372 / MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 / MA01078--A	Bracket 1		3
3	74900433 / MA01079---	Bracket 2		3
4	74900427 / MA01060---	Brush		3
5	74776775 / P330468015	Flange Socket Bolt / NISSAN NEJI	M6X10	9
6	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	6

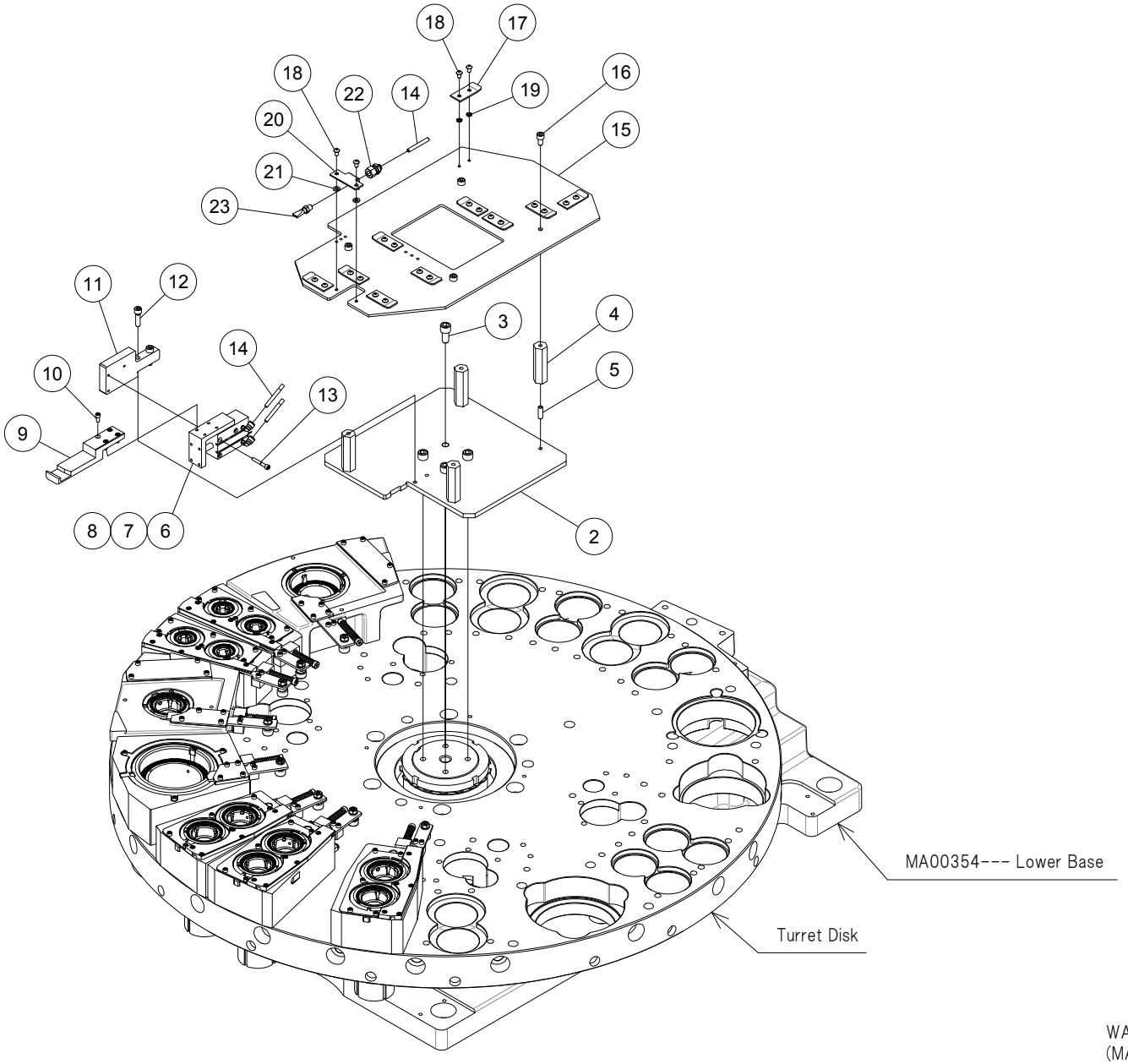


(1) 2″ Alignment Jig ASSY

0817090--B

Unit No. 237 Turret AI(32ST-4AI)D-1/2"AI <2" Alignment Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400505 0817090--B	2" Alignment Jig ASSY	Index 2-7	1
2	74570185 0817092 B	Die Jig		1
3	74570184 6018123	Punch Jig Knob		1
4	74570187 0817094 B	T-type Jig		2
5	74570183 6018122	Punch Jig		1
6	74400506 0817093--C	Key		1
7	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1



(1) Brush Support ASSY

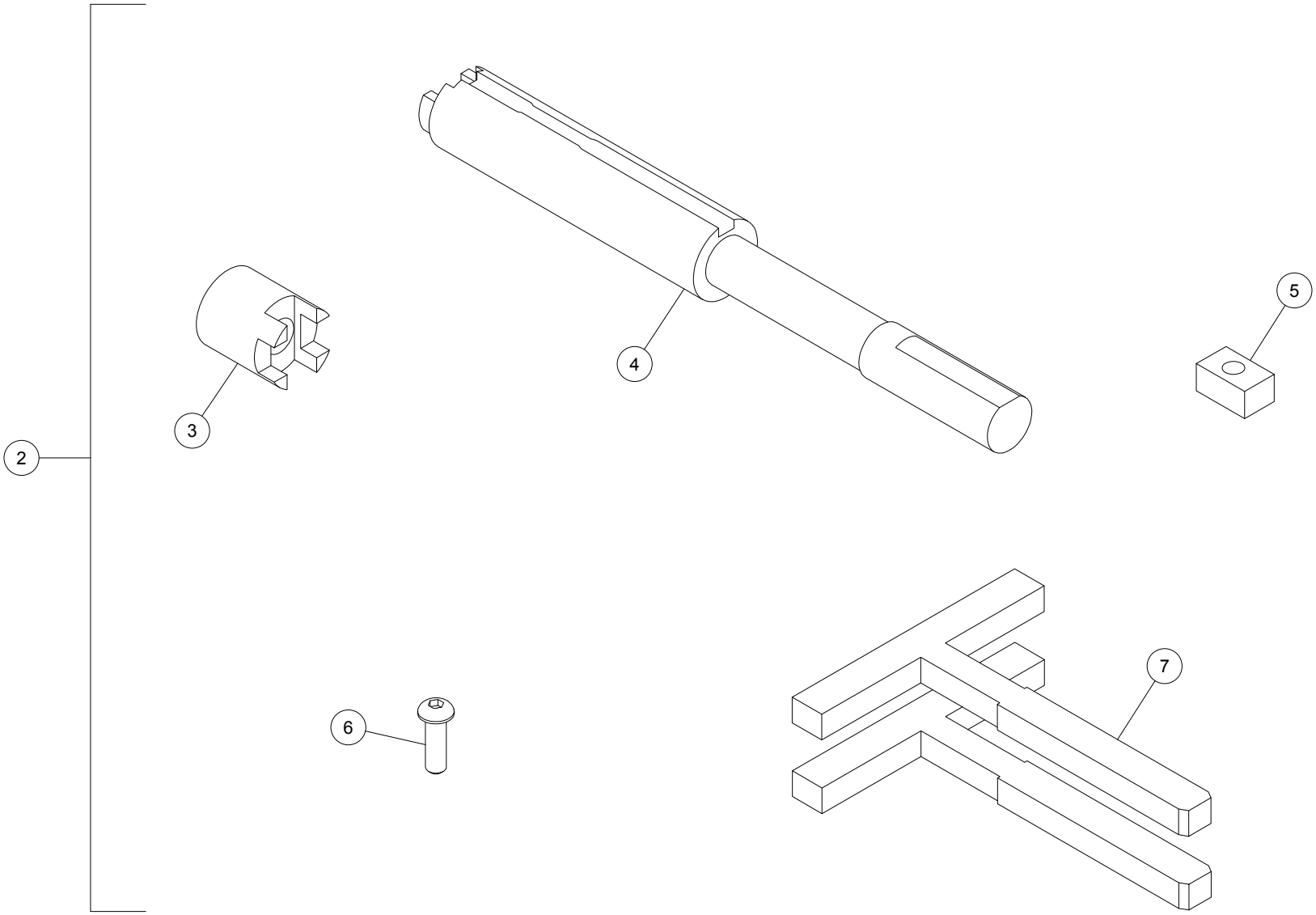
WA00370---
(MA03359---)

Unit No. 238 Turret AI(32ST-4AI)D-1/2"AI <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 238 Turret AI(32ST-4AI)D-1/2"AI <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1



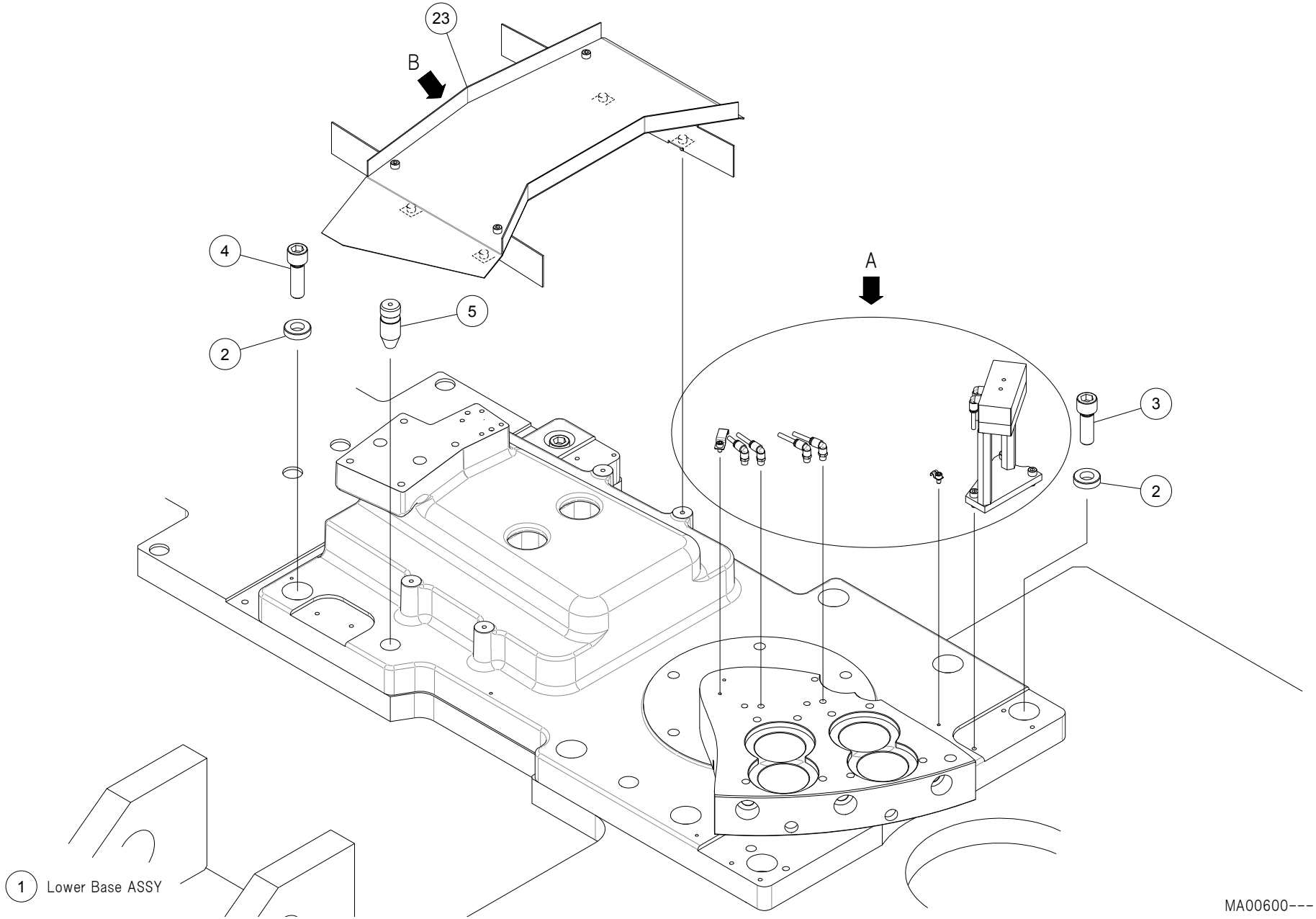
1 1/2″ T Jig ASSY

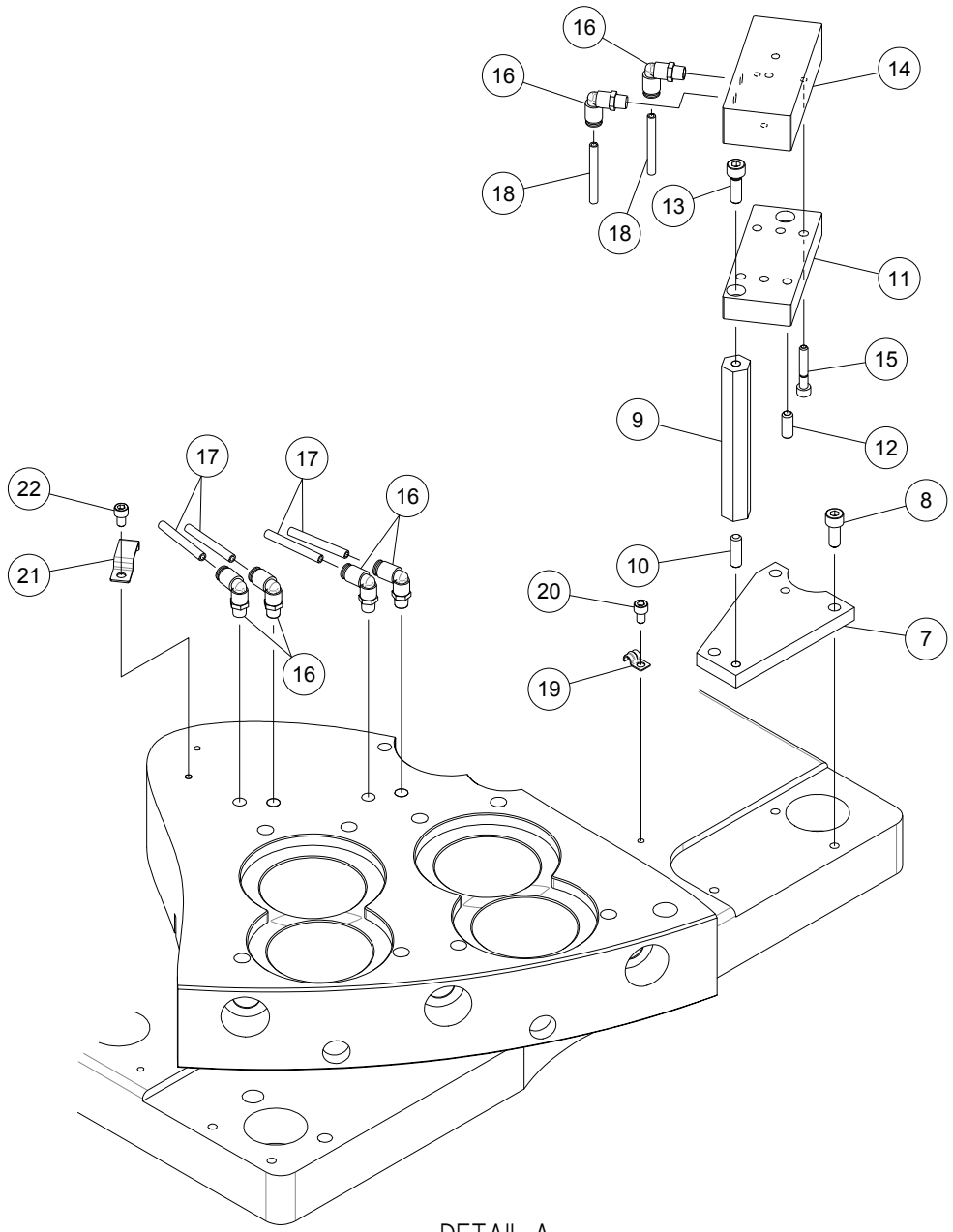
6824268

Unit No. 239 Turret AI(32ST-4AI)D-1/2"AI <1/2" T Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6824268	1/2" T Jig ASSY	Index 2-7	1
2	74901435 / 6824190	1/2" Center Setting Jig ASSY	Index 3-7	1
3	74901436 / 6824191	Die Jig 1/2"		1
4	74901437 / 6824192	Punch Jig 1/2"		1
5	74901438 / 6824193	Key 1/2"		1
6	74314603 / P334500016	Button Head Screw	M6X20	1
7	74901439 / 6824194	T-type Jig 1/2"		2

Unit No. 240 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-1/3 <Lower Base ASSY>

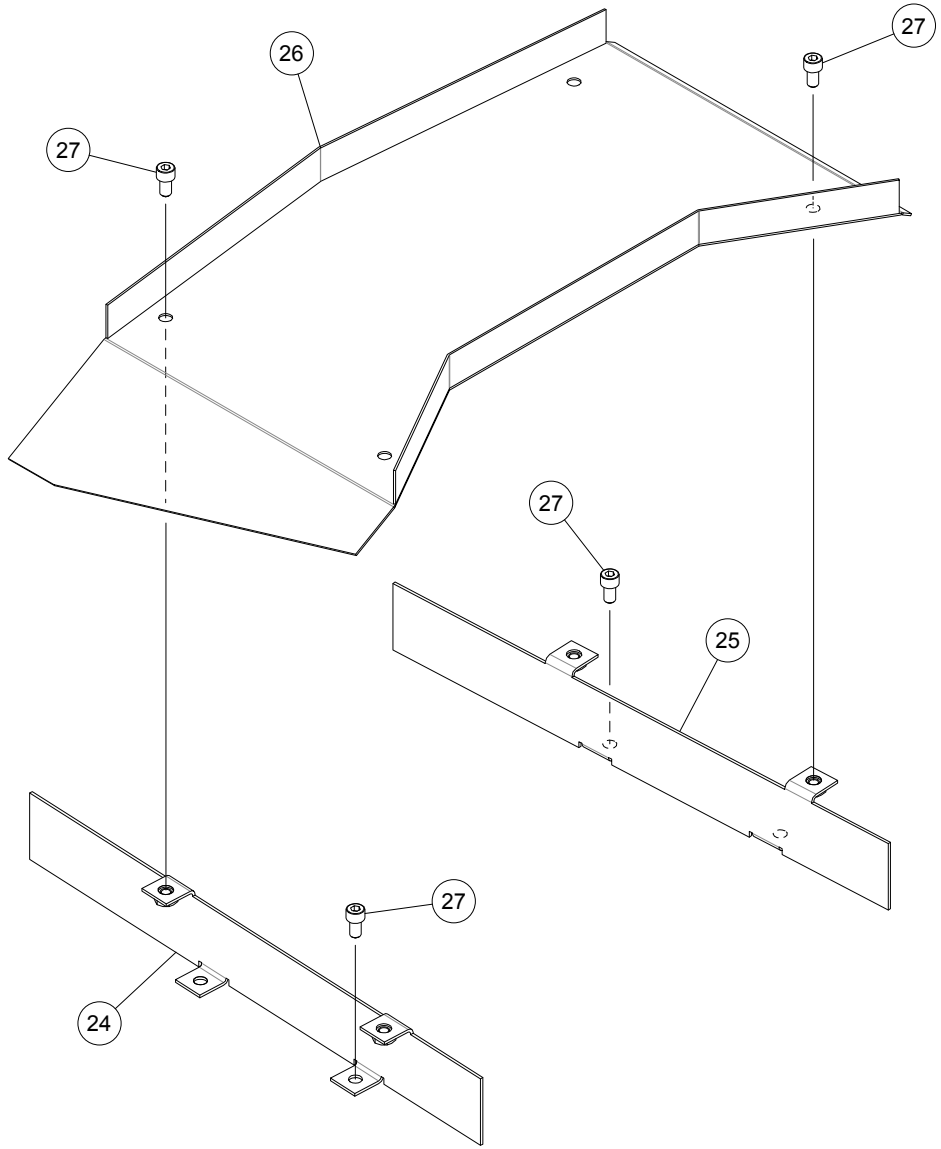




(6) Tap Sensor Piping ASSY

DETAIL A

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 240 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>

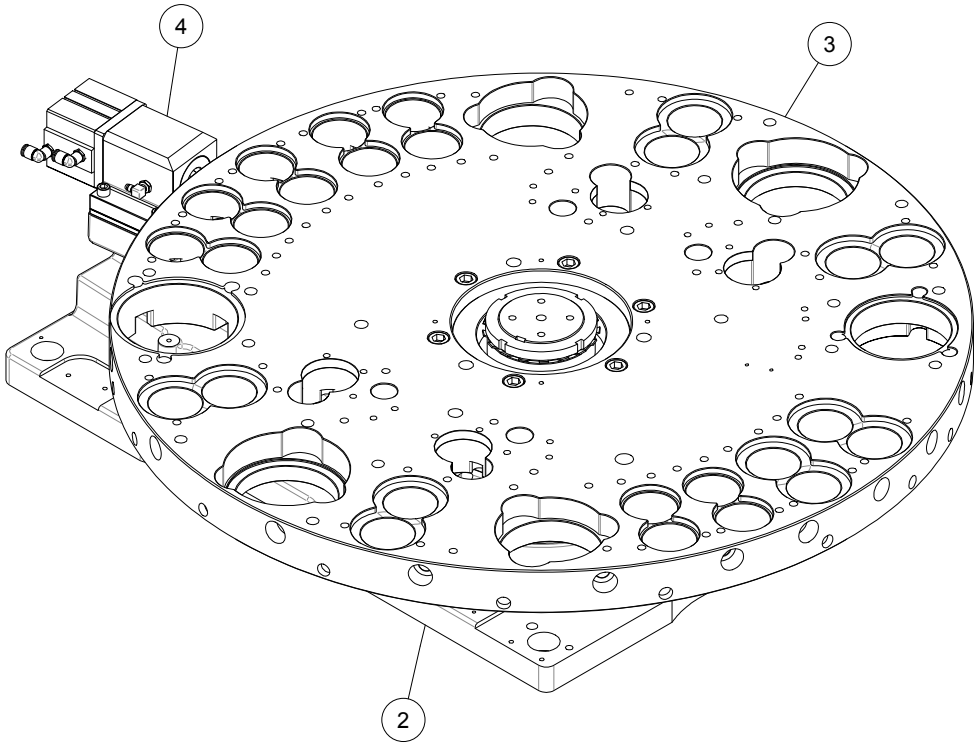
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

Unit No. 240 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 240 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8



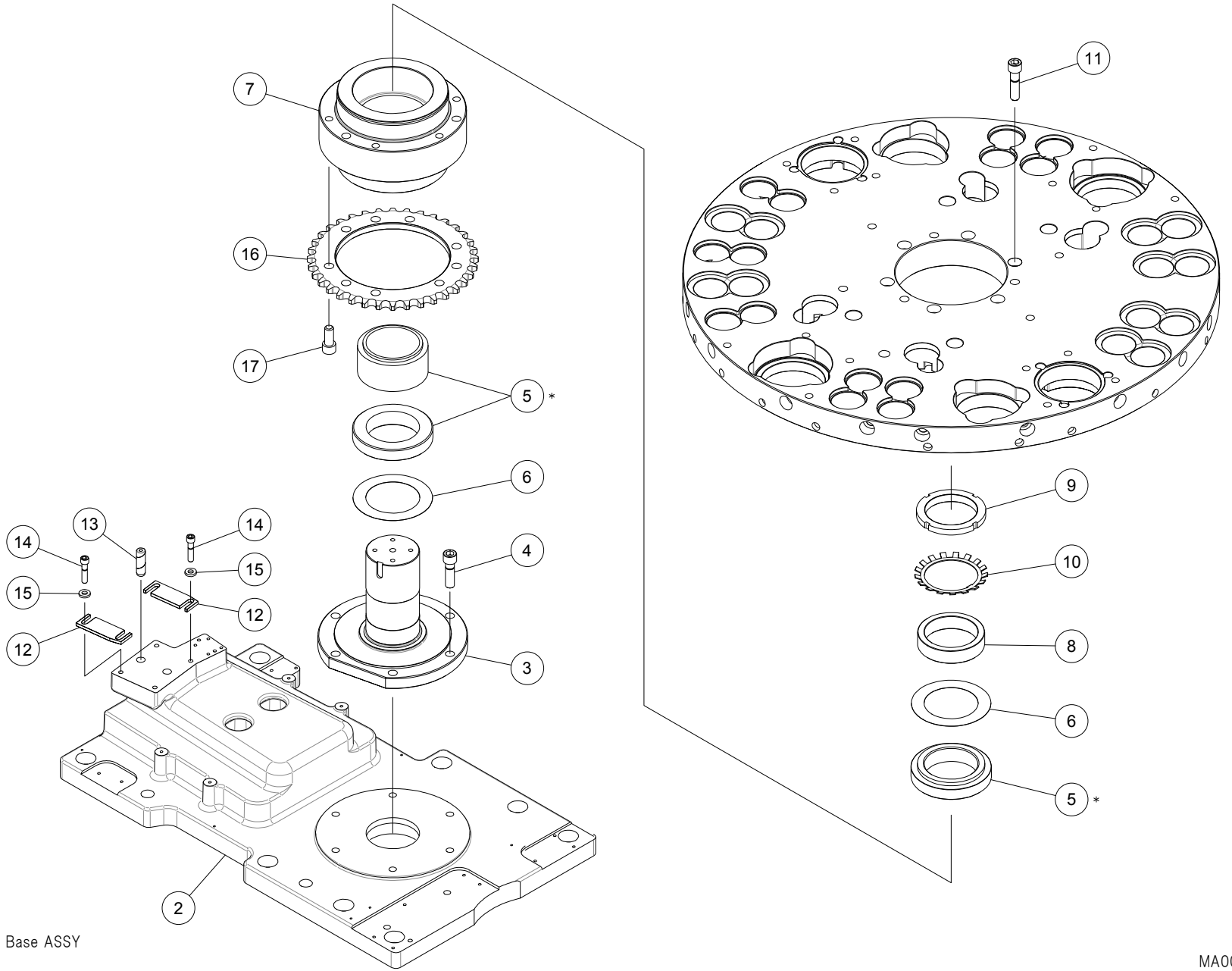
(1) Lower Turret ASSY 32ST-4AI (B)

MA03486---

Unit No. 241 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Turret ASSY 32ST-4AI B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03486---	Lower Turret ASSY 32ST-4AI (B)	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	MA03487---	32ST-B Disk ASSY Lower		1
4	74900326 6875464	Index Pin ASSY		1

Unit No. 242 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>



(1) Lower Base ASSY

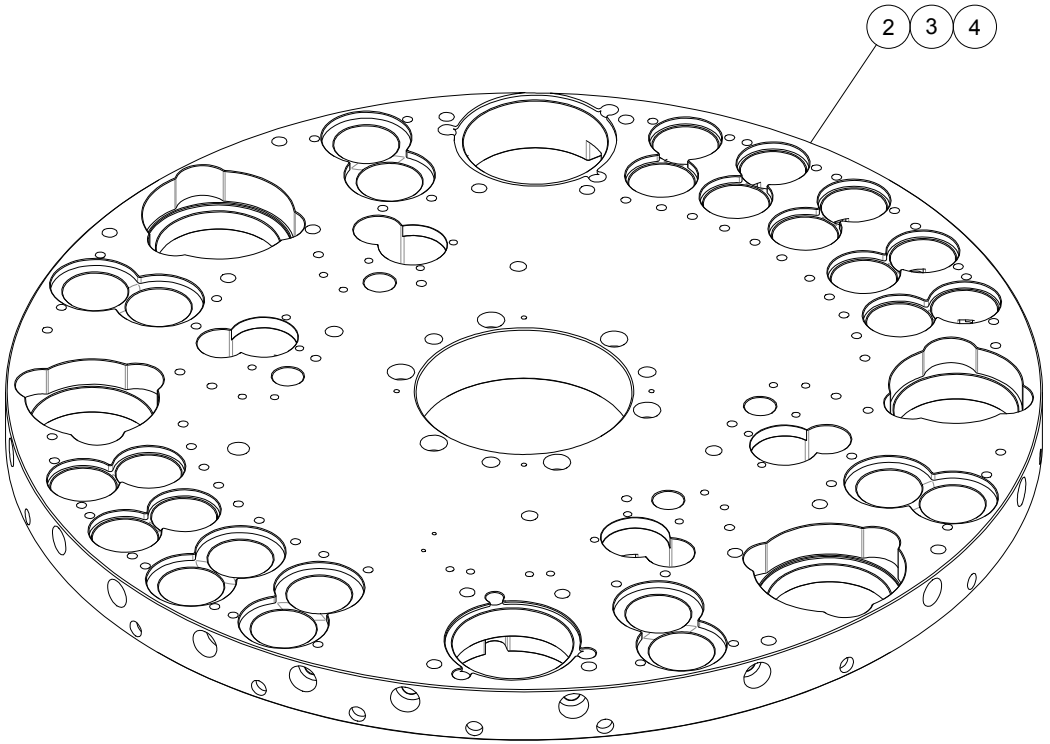
MA00632---

Unit No. 242 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lower Base ASSY		1
	MA00632---		Index 2-17	
2	74900351	Lower Base		1
	MA00354--A			
3	74900373	Bearing Shaft Lower		1
	MA00633--A			
4	74776766	Hex Socket Cap Screw	M20X70	6
	P330270009			
5	74569663	Roller Bearing Set	HR32024XJL11DB	1
	7830623 A	NSK		
6	74421315	Collar		2
	6827302			
7	74900374	Bearing Housing Lower		1
	MA00634---			
8	74900375	Collar		1
	MA00635---			
9	74421248	Crown Nut		1
	0811674 B			
10	74303123	Locking Washer	AW-24	1
	P406040019	JIS		
11	74776767	Hex Socket Cap Screw	M20X80	6
	P330270011			
12	74577424	Spacer		2
	6812556			

Unit No. 242 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6

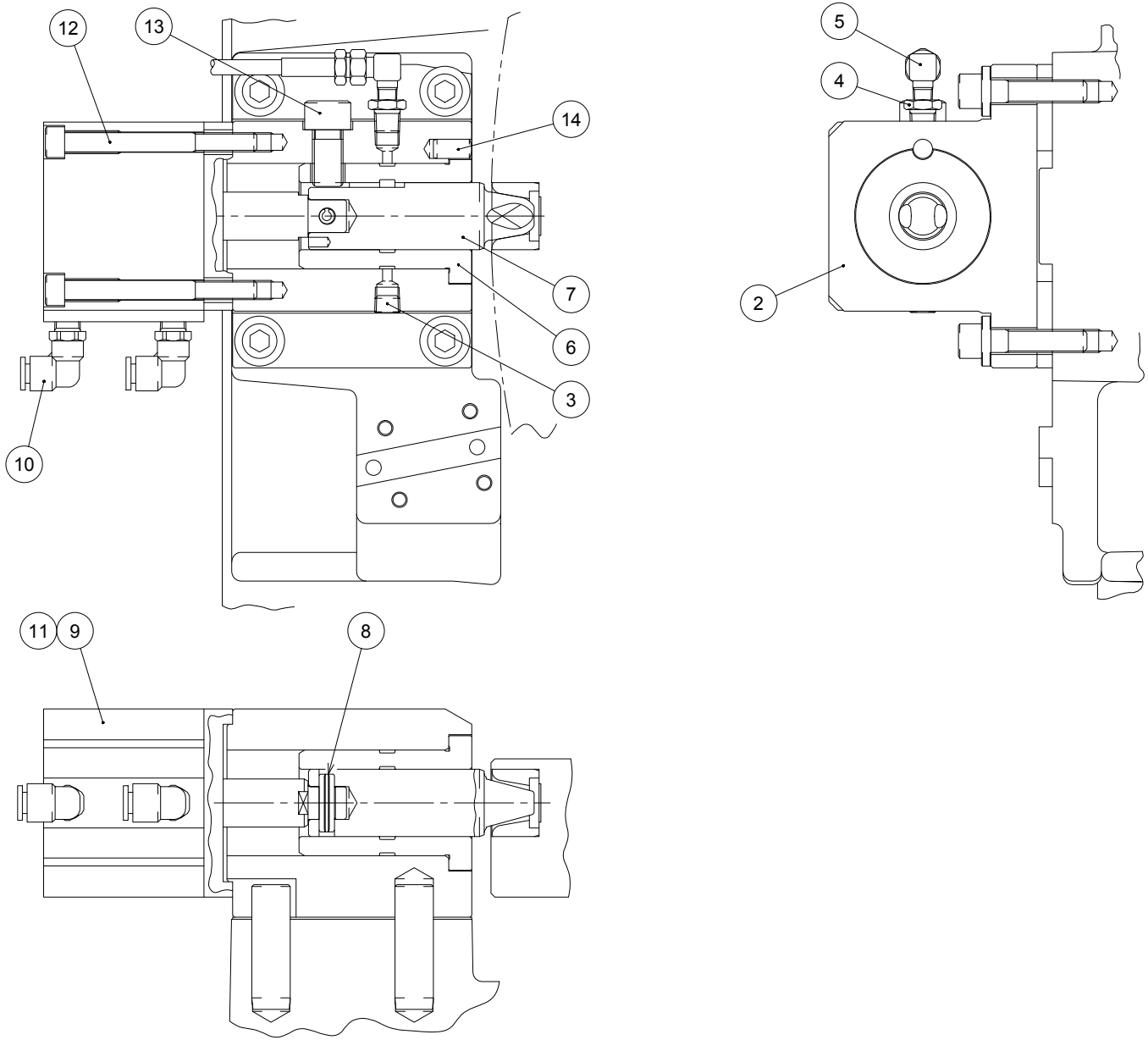


(1) 32ST-B Disk ASSY Lower

MA03487---
(MA03492--A)

Unit No. 243 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <32ST-B Lower Disk ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03487---	32ST-B Disk ASSY Lower	Index 2-4	1
2	74901379 MA03492--A	32ST-B Lower Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



(1) Index Pin ASSY

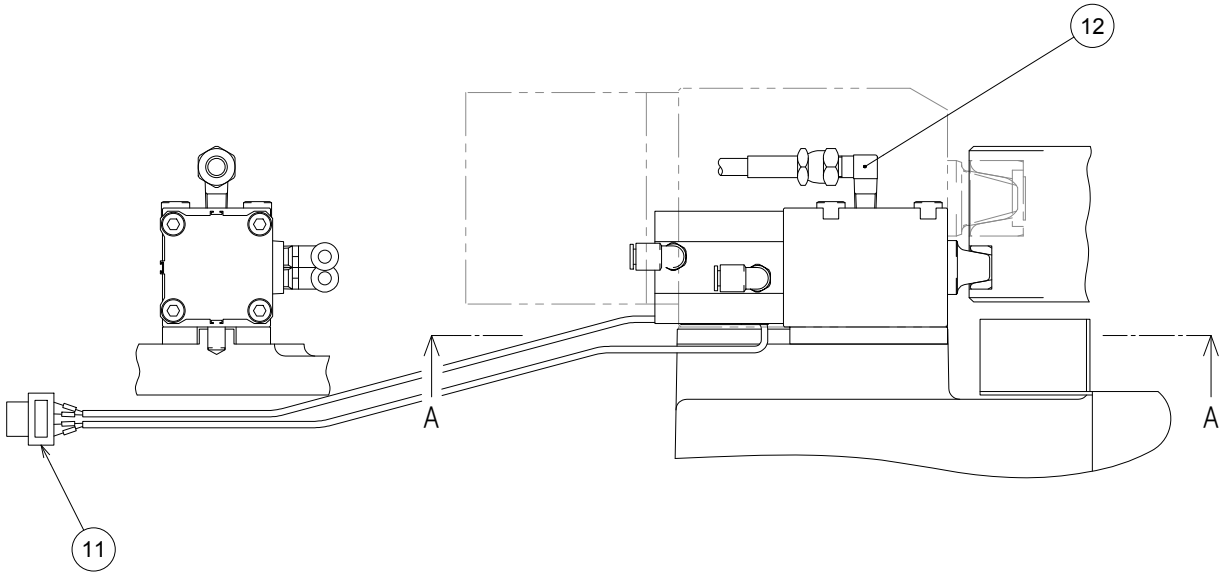
6875464
(6875460#1F)
(6875460#2C)

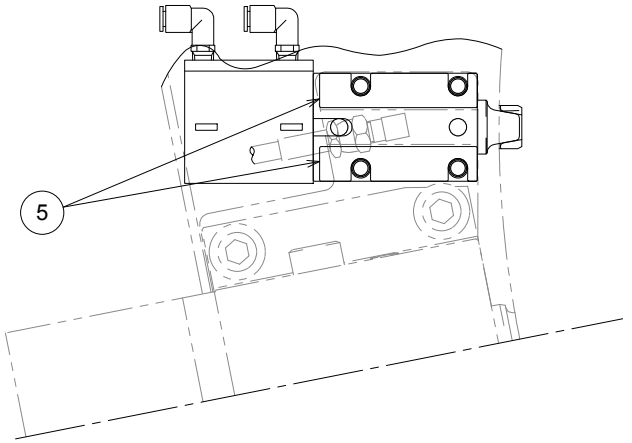
Unit No. 244 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

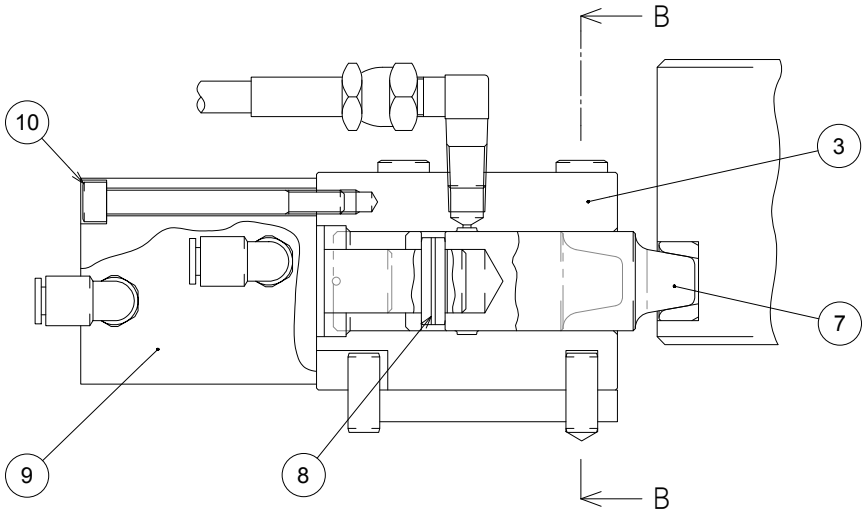
Unit No. 244 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Index Pin ASSY>

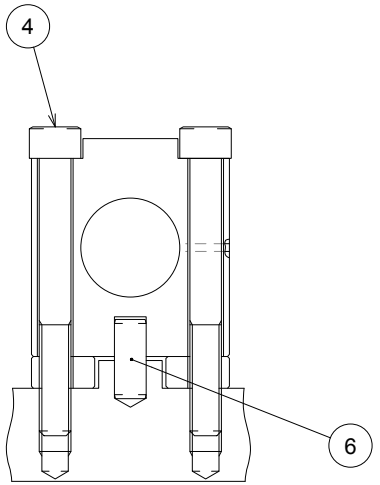
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





SECTION B-B

1 Lower Base PDC ASSY

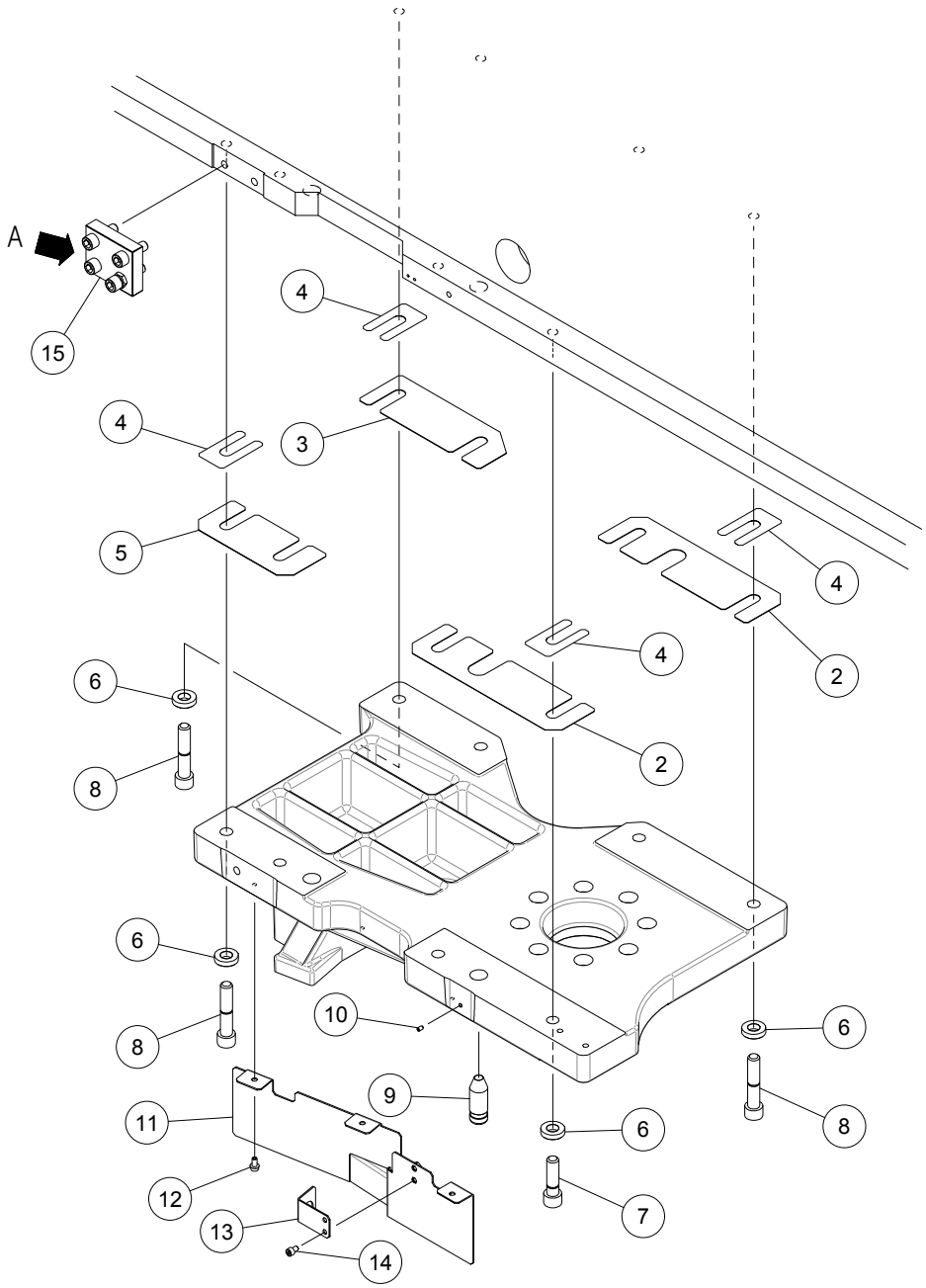
2 Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

Unit No. 245 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Lower Base PDC ASSY>

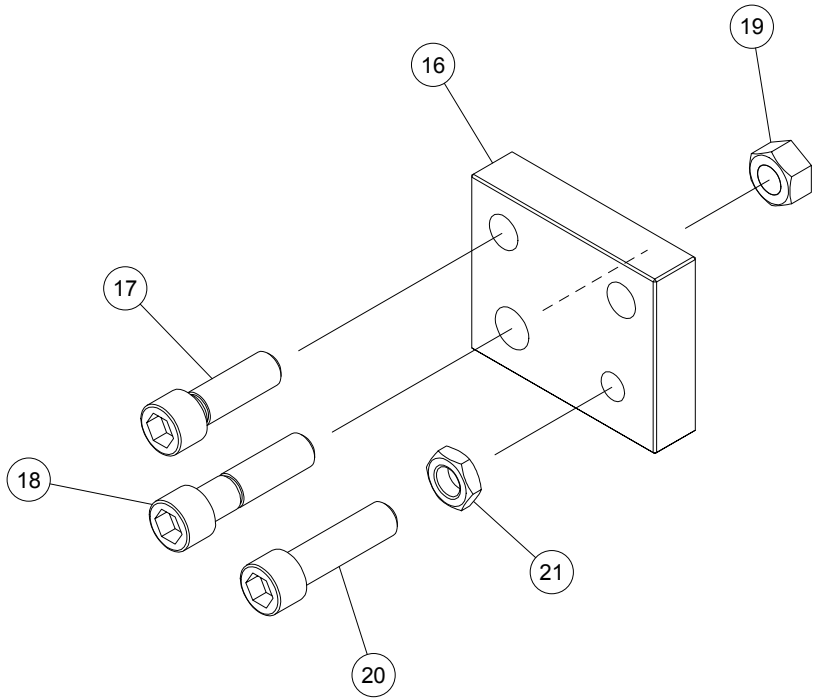
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1

Unit No. 246 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-1/2 <Upper Base ASSY>



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

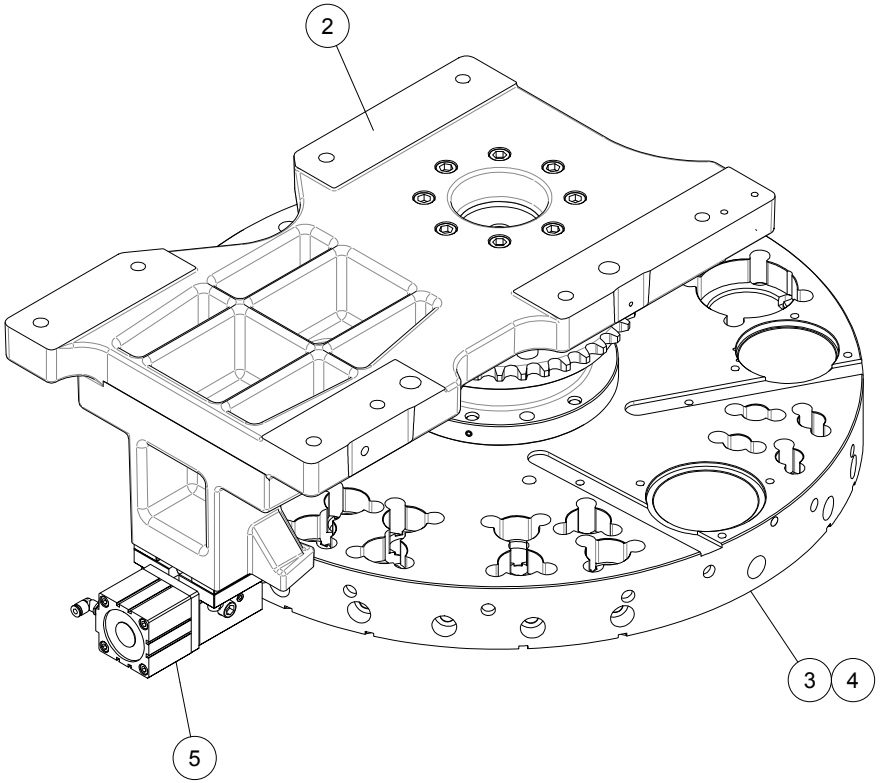
MA00642---

Unit No. 246 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00602---	Upper Base ASSY	Index 2-21	1
2	74900376 / MA00639--A	Shim A		2
3	74900377 / MA00640---	Shim B		1
4	74900380 / MA00645---	Shim E		4
5	74900378 / MA00641--A	Shim C		1
6	74159434 / 0821009 B	Washer		8
7	74776766 / P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 / P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 / 6892024 A	Locating Pin		2
10	74183125 / P330550026	Socket Set Screw / JIS	M6X10(Flat Type)	1
11	74900461 / MA02408--B	Chain Cover		1
12	74382078 / P330468006	Flange Socket Bolt / NISSAN NEJI	M8X15	3

Unit No. 246 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1



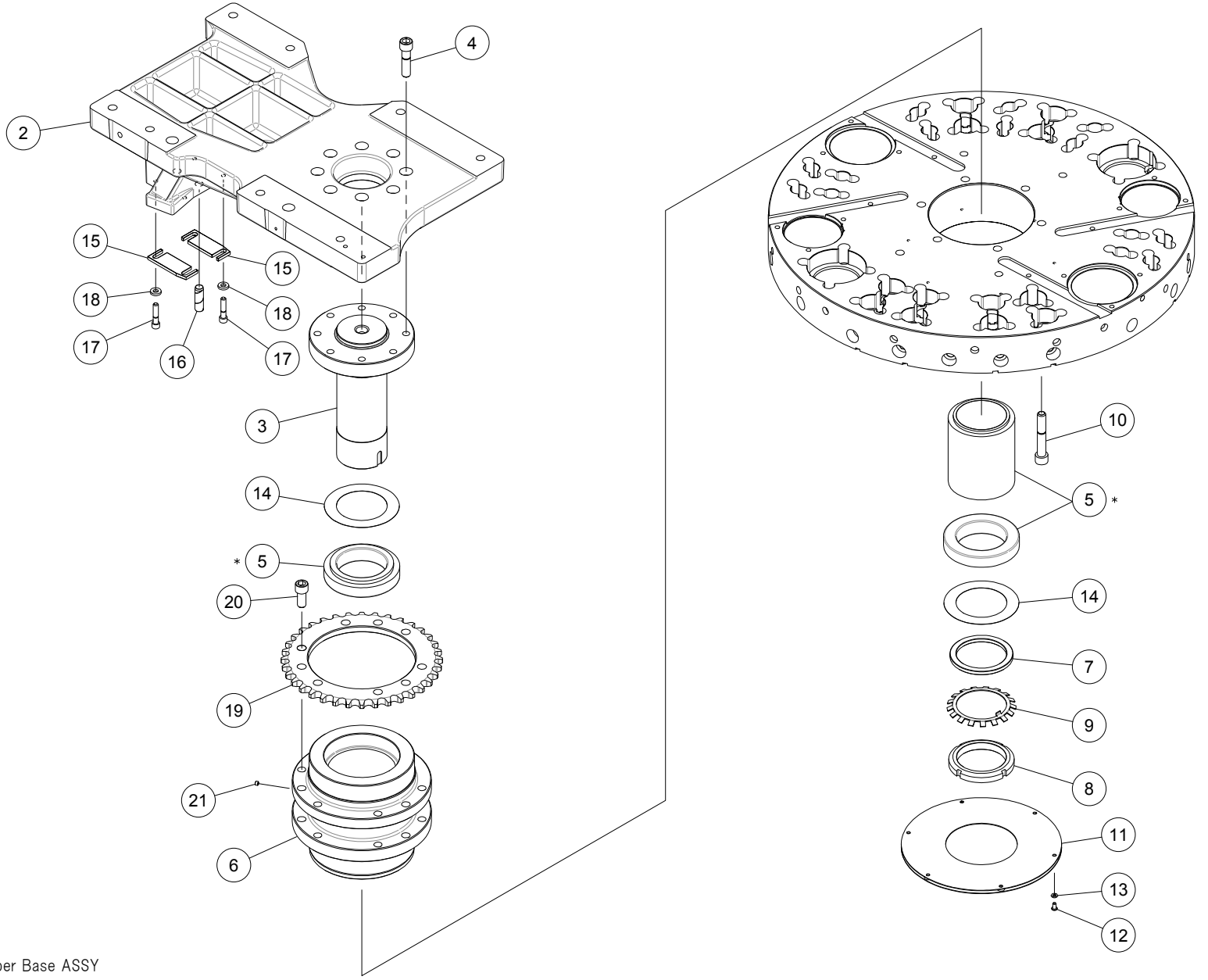
(1) Upper Turret ASSY 32ST-4AI B

MA00637---

Unit No. 247 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Turret ASSY 32ST-4AI B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03488---	Upper Turret ASSY 32ST-4AI B	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	MA03489---	32ST-B Disk ASSY Upper		1
4	MA03494---	32ST-B Tool ASSY		1
5	74900326 6875464	Index Pin ASSY		1

Unit No. 248 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base ASSY>



(1) Upper Base ASSY

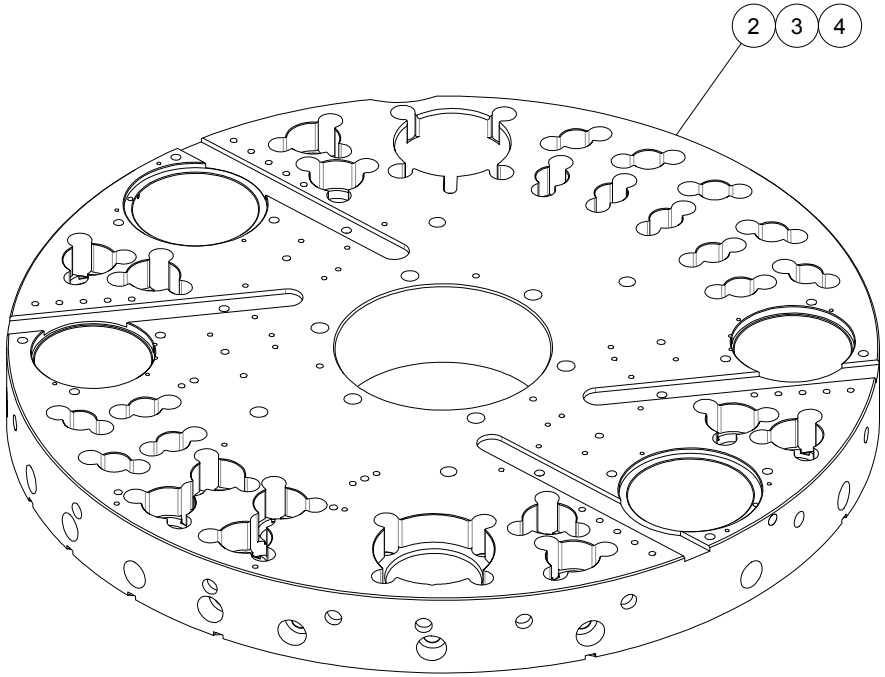
MA00637---

Unit No. 248 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 / MA00352--B	Upper Base		1
3	74569656 / 6812552 A	Bearing Shaft Upper		1
4	74776767 / P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 / 7830622 A	Roller Bearing Set / NSK	HR32024XJL11DB	1
6	74379117 / 6530296	Bearing Housing Upper		1
7	74379119 / 6530298	Collar		1
8	74421248 / 0811674 B	Crown Nut		1
9	74303123 / P406040019	Locking Washer / JIS	AW-24	1
10	74900649 / P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 / 6530299 A	Cap		1
12	74183315 / P334500019	Button Head Screw	M8X15	6

Unit No. 248 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base ASSY>

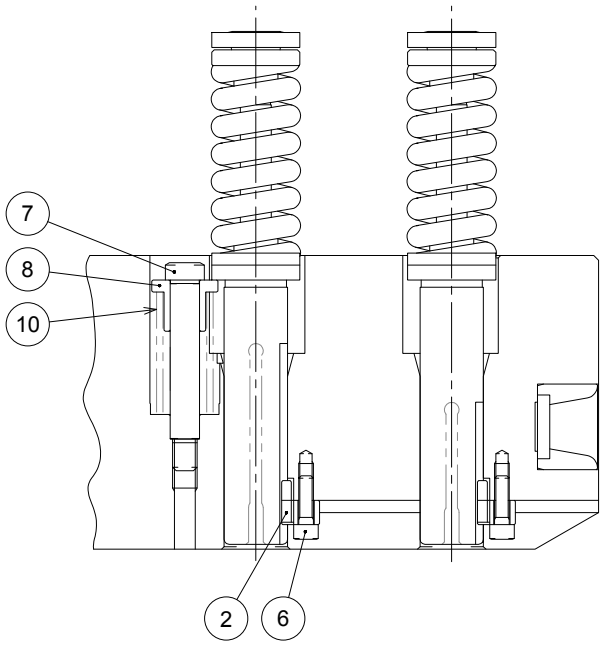
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1



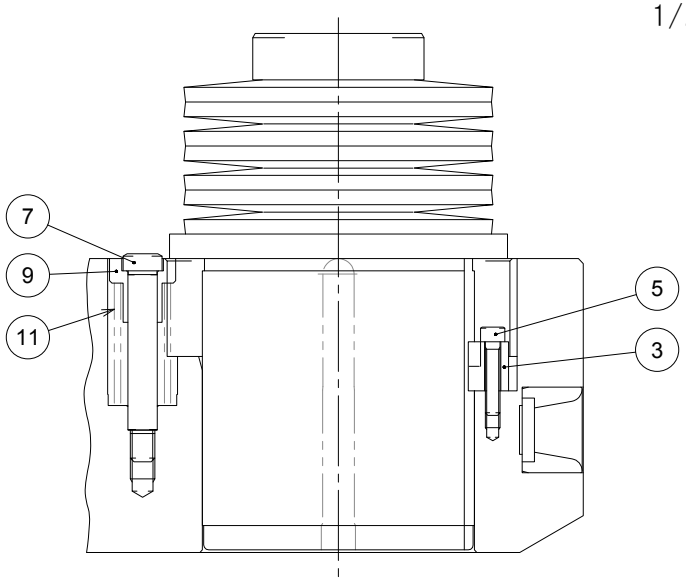
(1)	32ST-B Disk ASSY Upper	MA03489--- (MA03491--A)

Unit No. 249 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <32ST-B Upper Disk ASSY>

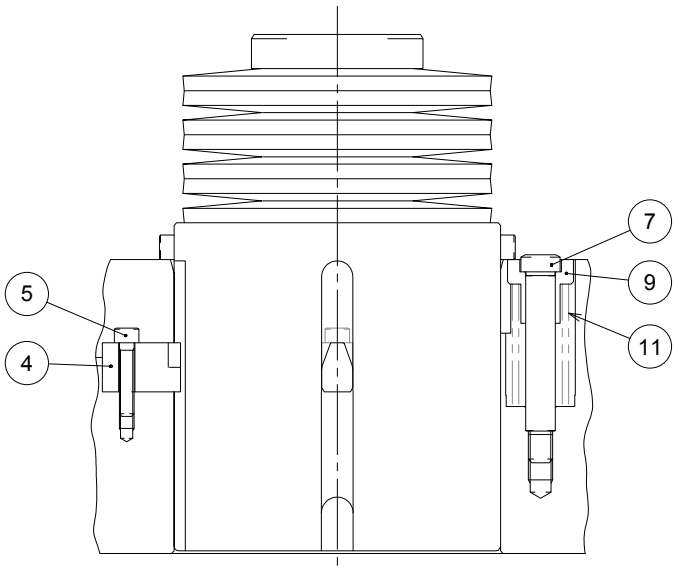
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03489---	32ST-B Disk ASSY Upper	Index 2-4	1
2	74901378 MA03491--A	32ST-B Upper Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



1/2″,1-1/4″



3-1/2″



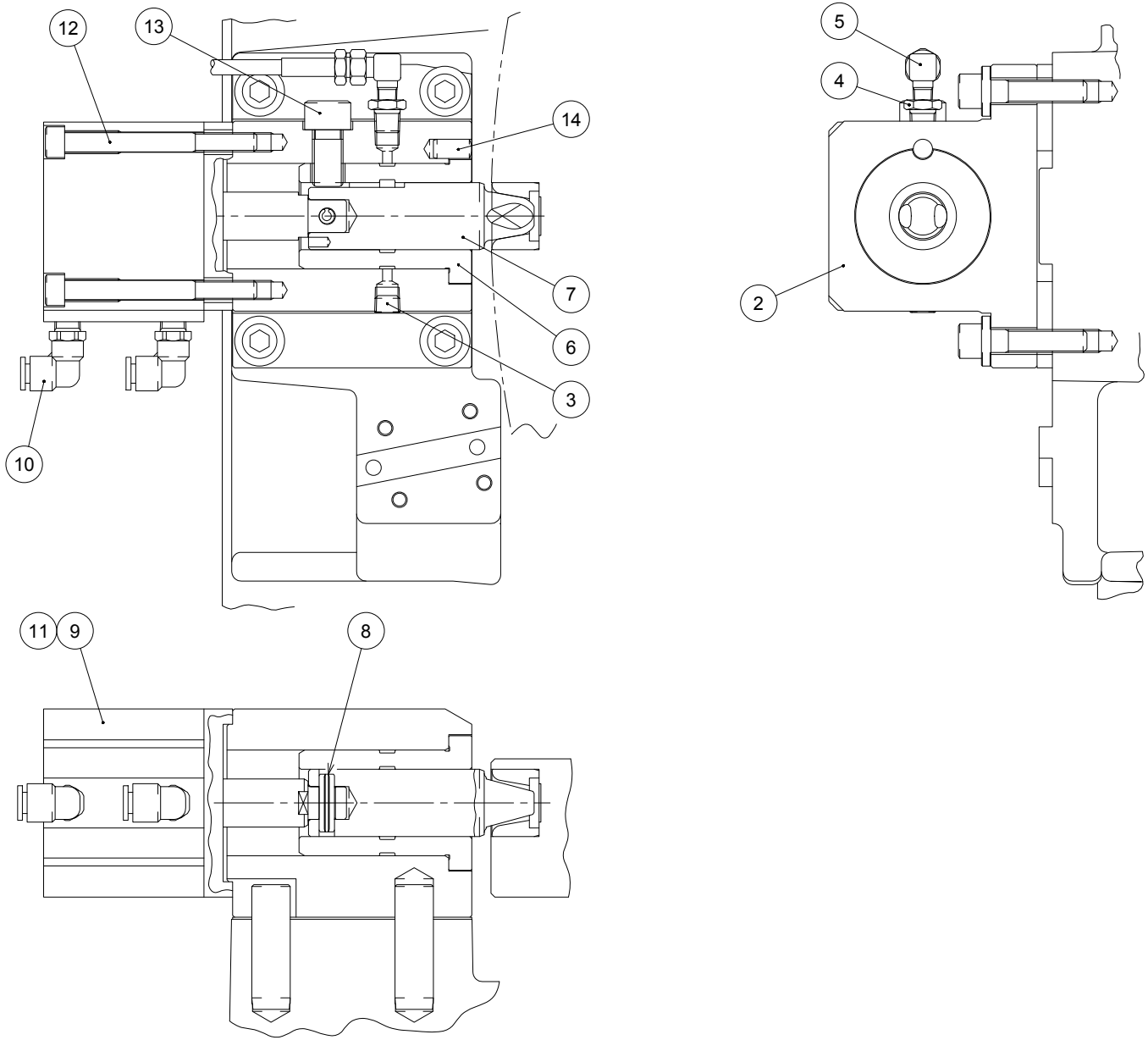
4-1/2″

(1) 32ST-B Tool ASSY

MA03494---
(MA00616---)
(6812834)
(6812833)

Unit No. 250 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <32ST-B Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03494---	32ST-B Tool ASSY	Index 2-11	1
2	74903475 / 3008133--A	1/2" Guide Key		26
3	74569852 / 6812865	3-1/2" Guide Key		1
4	74387448 / 7400914 B	4-1/2" Guide Key		1
5	74183614 / P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 / P330220009	Hex Socket Cap Screw / JIS	M6X20	26
7	74569846 / 3204978	Shoulder Screw		67
8	74165223 / 5500217 B	Lifter Collar		59
9	74165219 / 5501009 C	Lifter Ring		8
10	74569847 / 3200854	Spring 1/2"1-1/4"2"		59
11	74569851 / 3204979 A	Spring 3-1/2"4-1/2"		8



(1) Index Pin ASSY

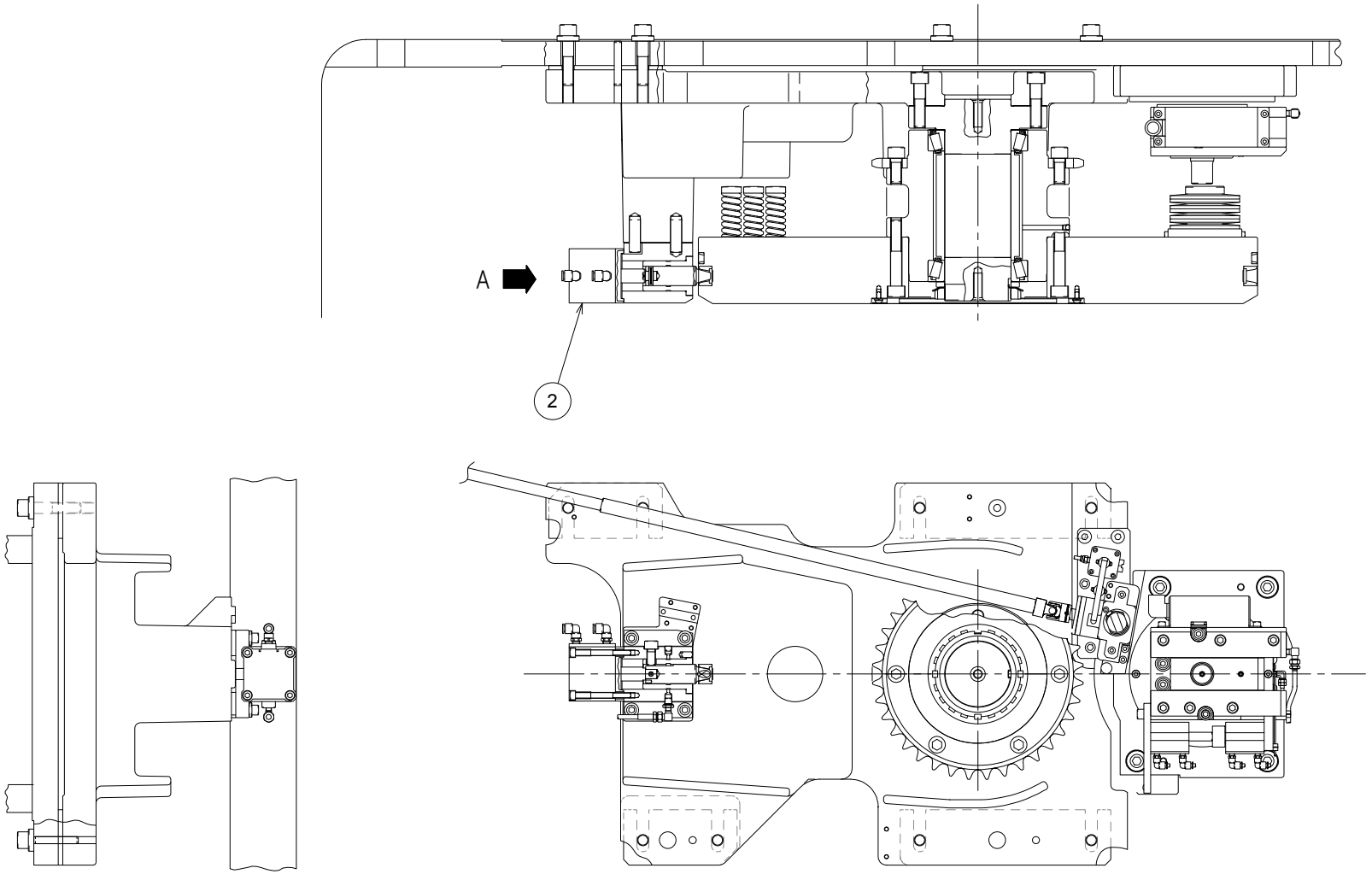
6875464
(6875460#1F)
(6875460#2C)

Unit No. 251 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

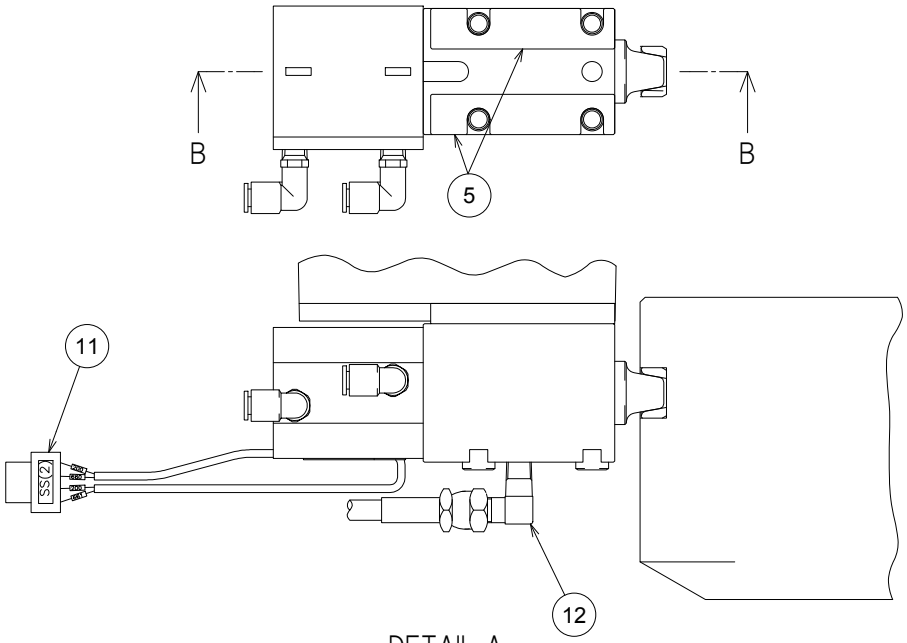
Unit No. 251 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1

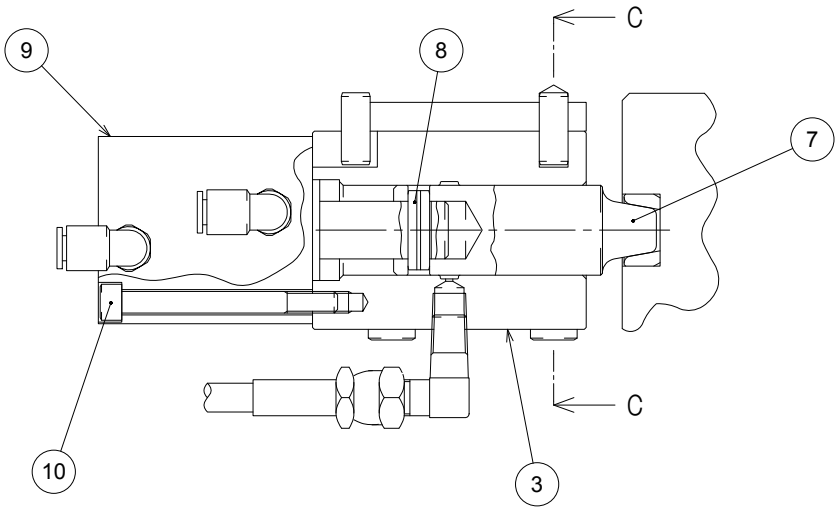


(1) Upper Base PDC ASSY

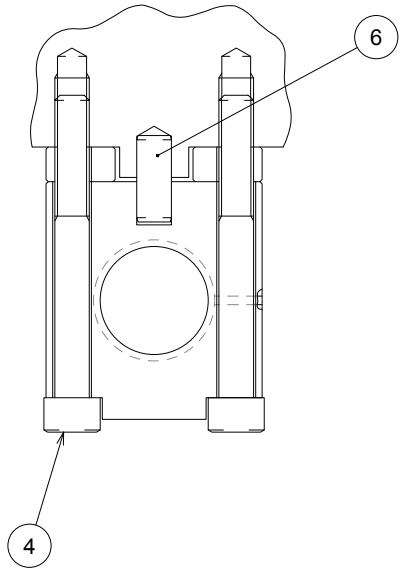
CE00571---
(6875470--H)



DETAIL A



SECTION B-B

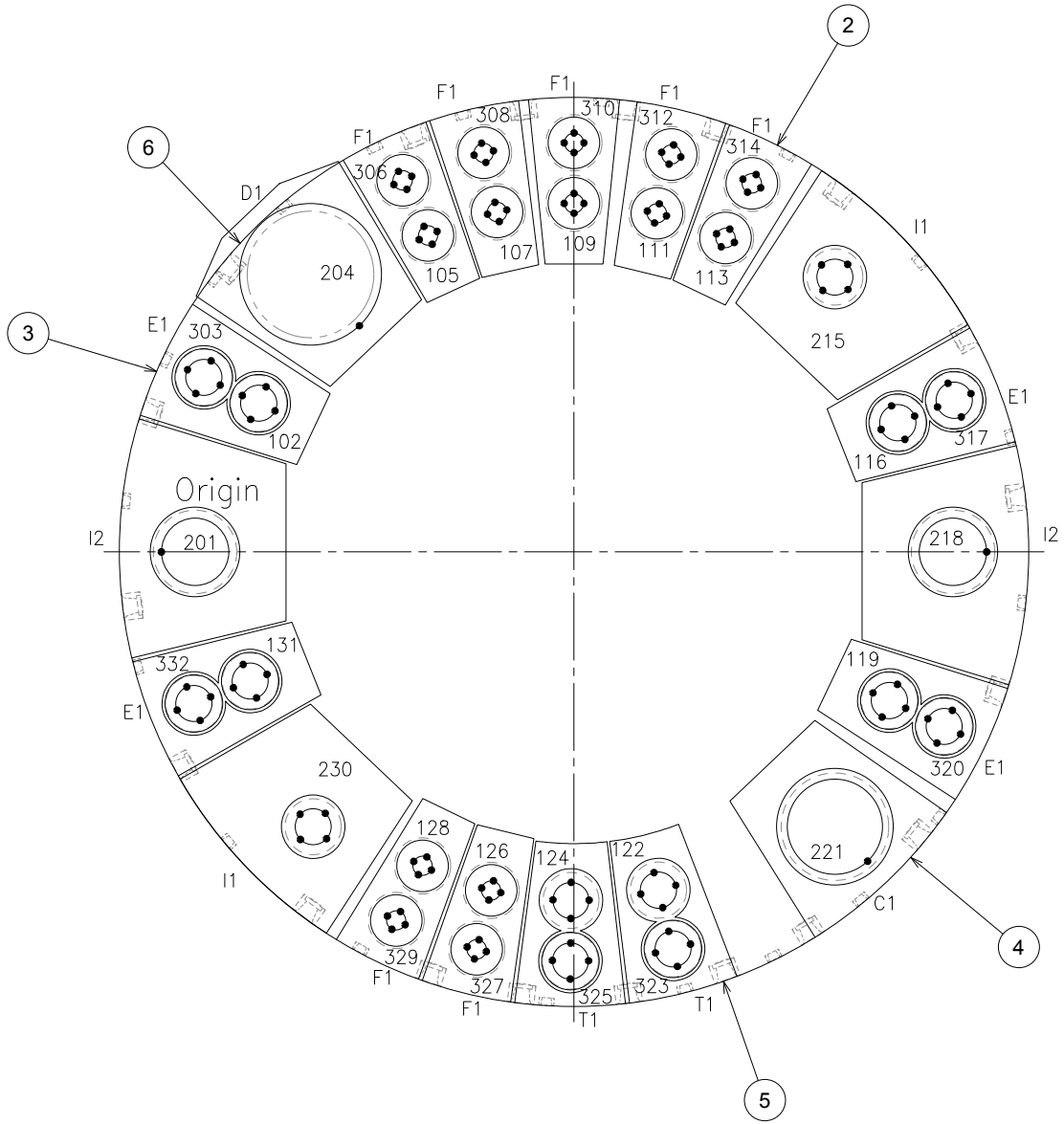


SECTION C-C

CE00571---
(6875470--H)

Unit No. 252 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



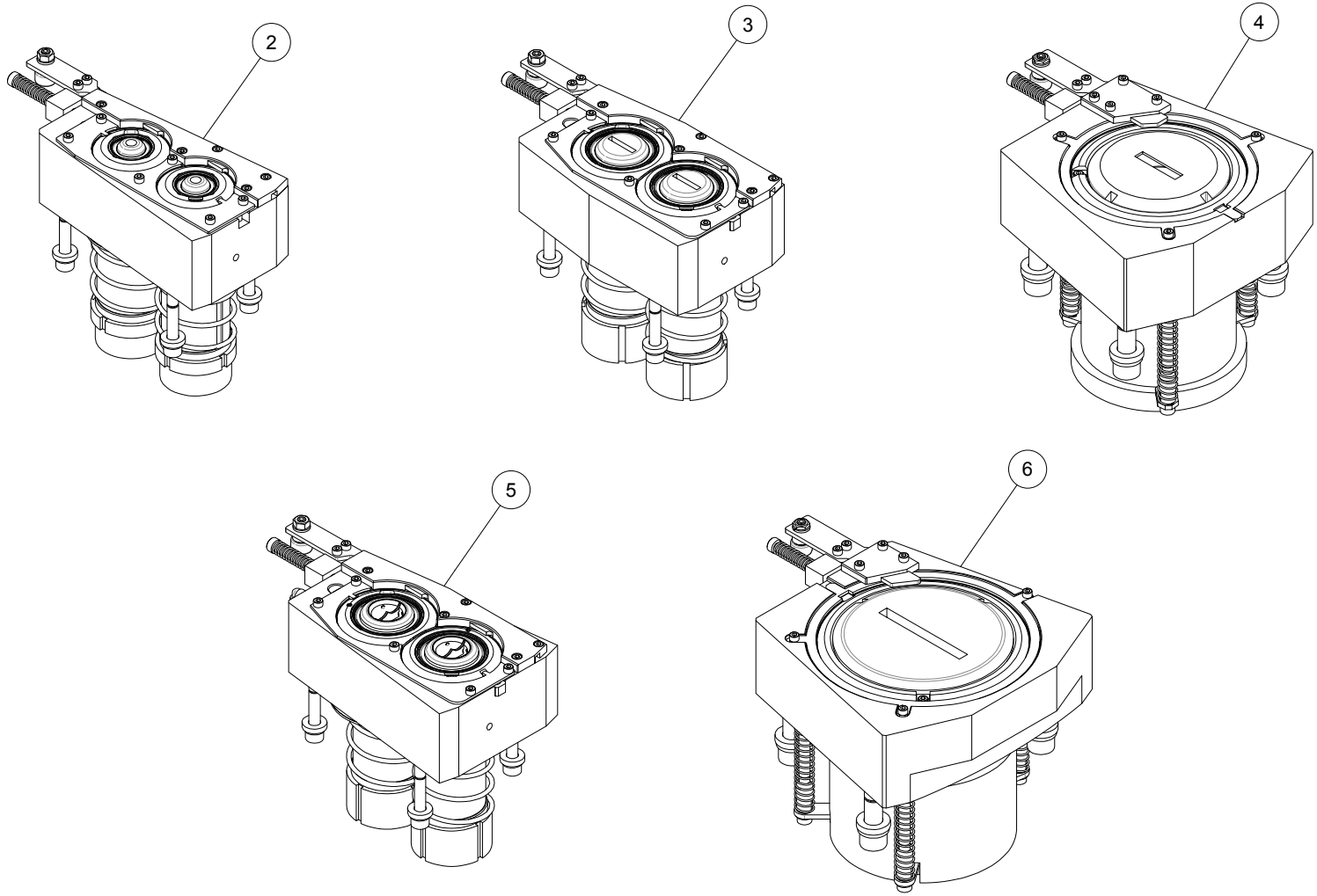
記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
D1	4·1/2"	MA00590--B	MA01277---	1	1
C1	3·1/2"	MA00252--A	MA00254---	1	1
E1	1·1/4"	MA00591--A	MA01267---	4	8
F1	1/2"	MA00569--A	MA00571---	7	14
I1	AI (1·1/4")		MA01267---	2	2
I2	AI (2")		MA00268---	2	2
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		32

1 32ST-B Lower Tool Kit

<32ST Die Holder Layout E>

MA03490---
(MA03511---)

Unit No. 253 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-2/2 <32ST-B Lower Tool Kit>

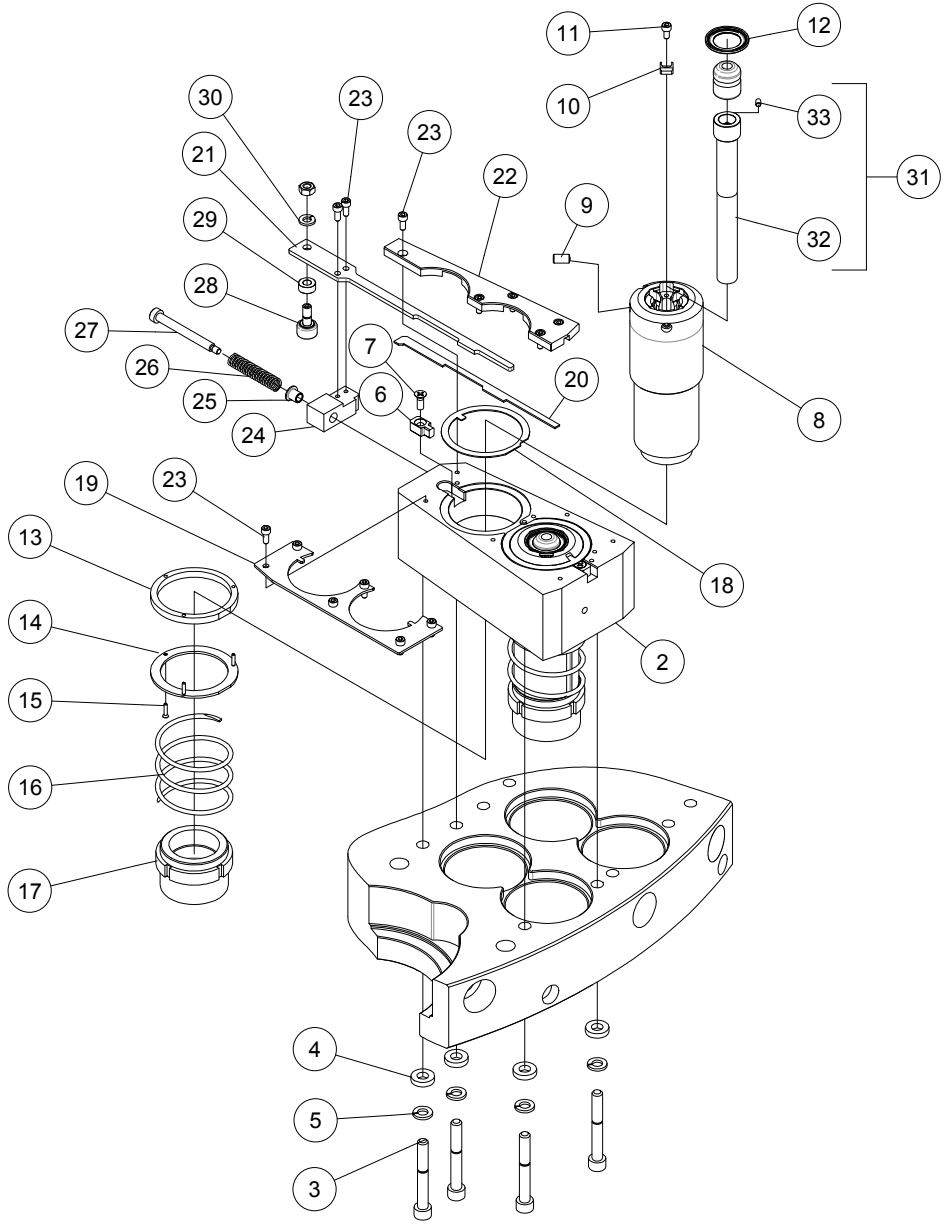


MA03490---

Unit No. 253 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <32ST-B Lower Tool Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03490---	32ST-B Lower Tool Kit	Index 2-6	1
2	74403007 / MA08296---	1/2" Die Holder ASSY		7
3	74403008 / MA08294---	1-1/4" Die Holder ASSY		4
4	74900746 / MA00251--A	3-1/2" Die Holder ASSY		1
5	MA08301---	Tap Die Holder ASSY		2
6	74903503 / MA00258--D	4-1/2" Die Holder ASSY		1

Unit No. 254 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2" Die Holder ASSY>



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 254 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

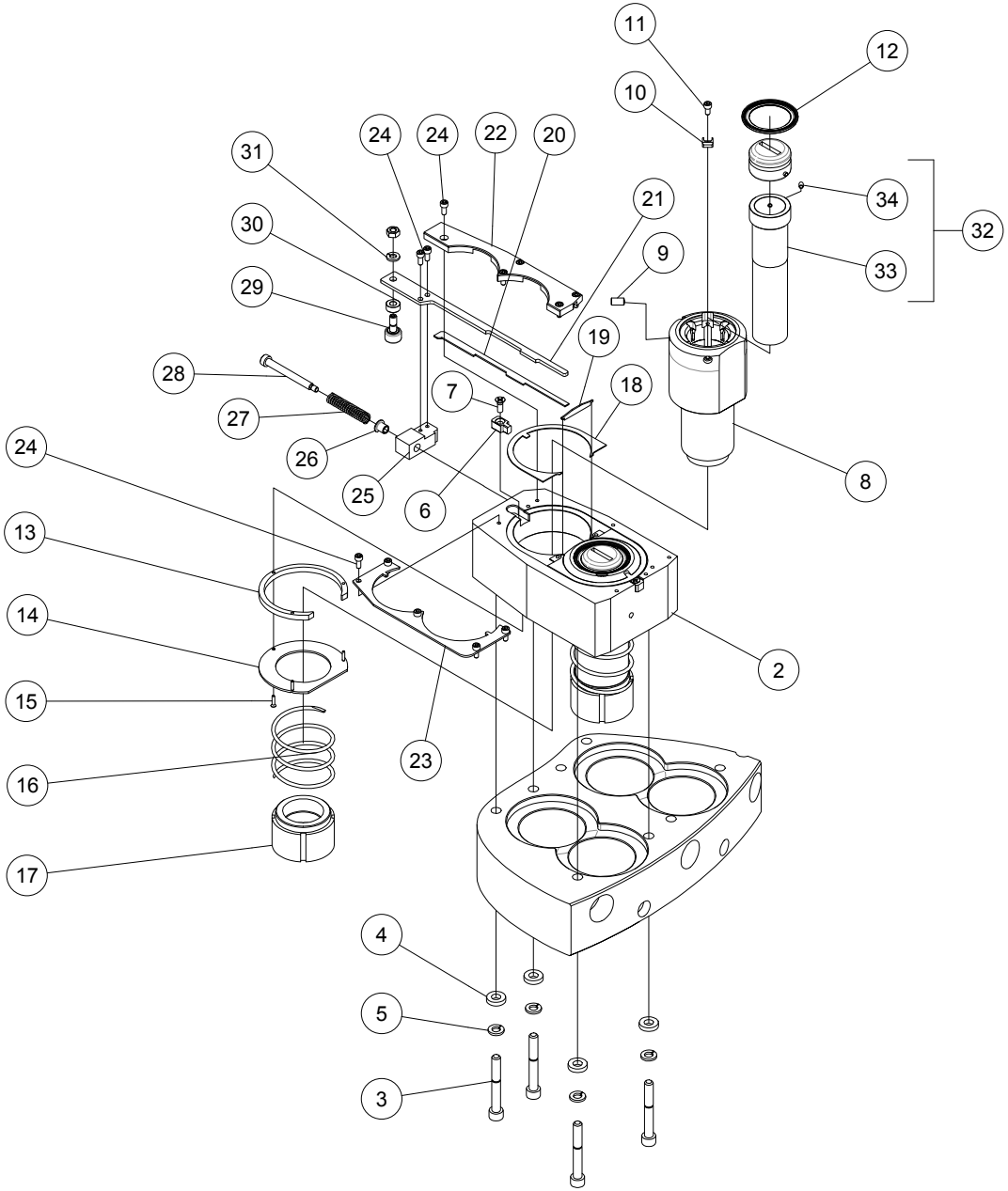
Unit No. 254 Turret Al(32ST-4Al)E-1/2"Al(2"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 254 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1

Unit No. 255 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" Die Holder ASSY>



(1) 1-1/4" Die Holder ASSY

MA08294---

Unit No. 255 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

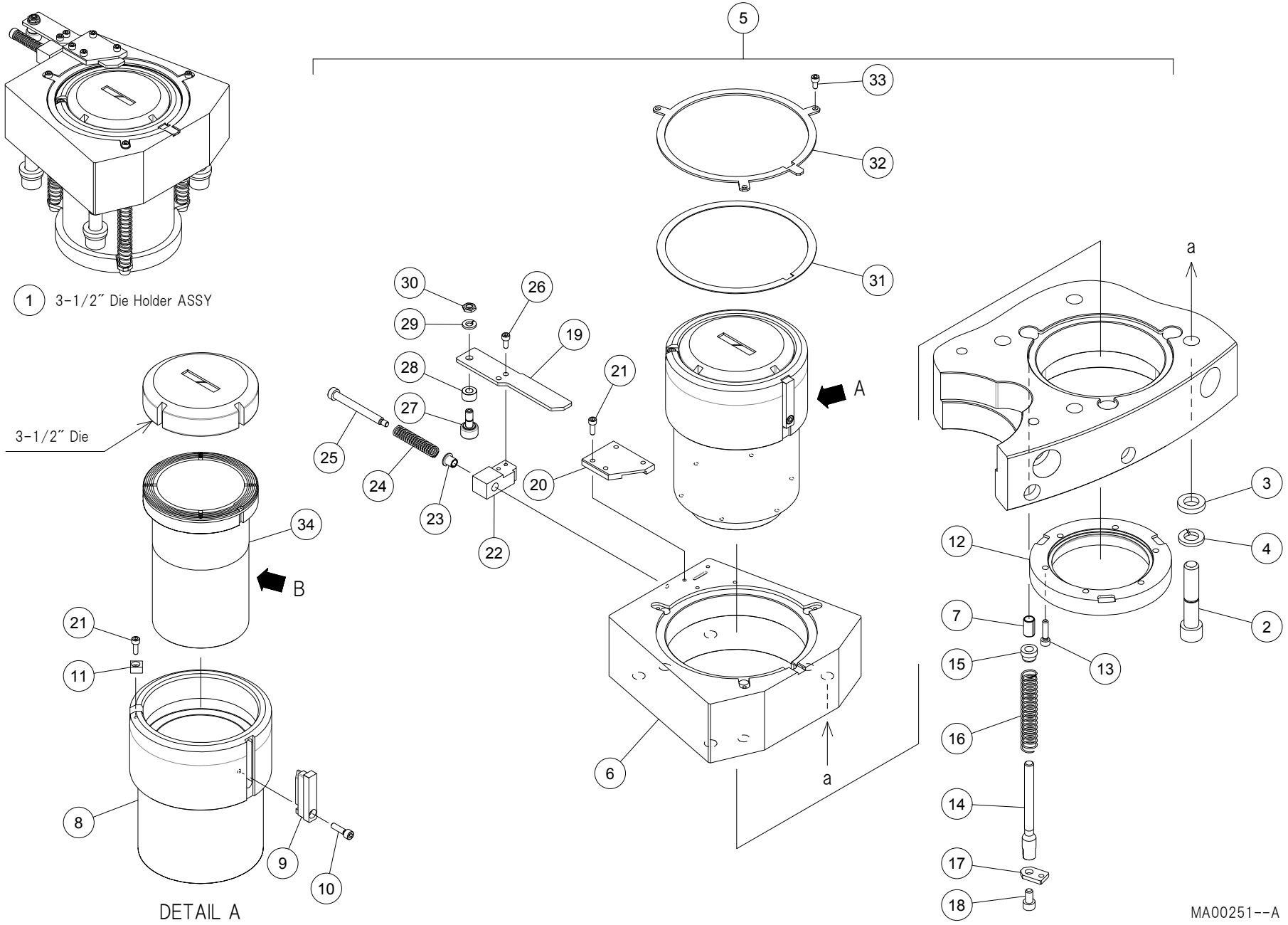
Unit No. 255 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" Die Holder ASSY>

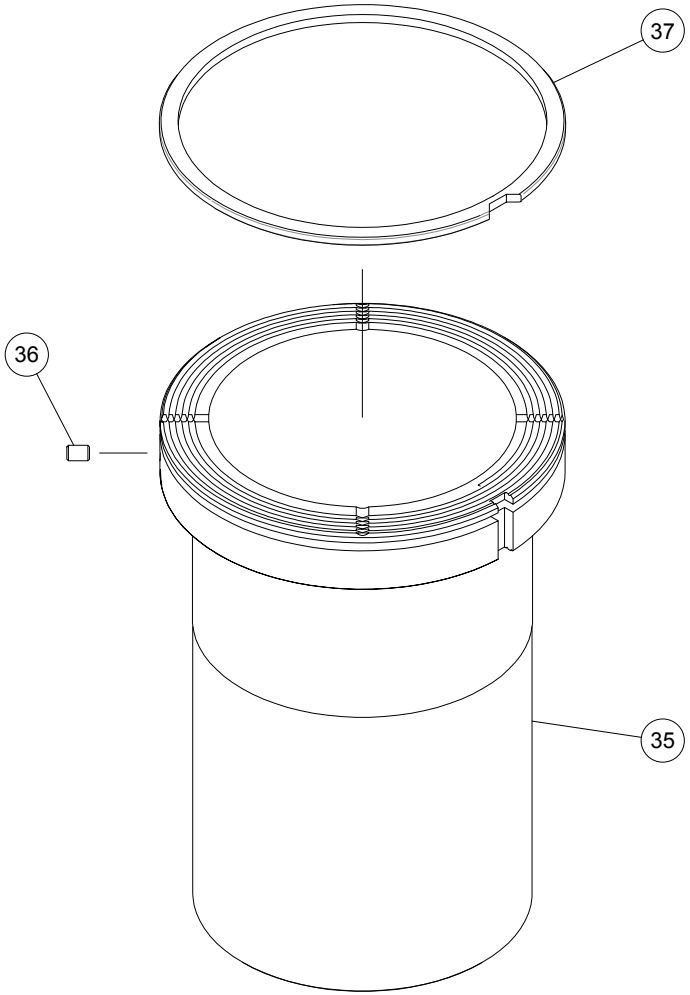
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 255 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	7421419	Pin 1-1/4"		1

Unit No. 256 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-1/2 <3-1/2" Die Holder ASSY>





DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 256 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 / MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 / P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 / 6012794	Washer M16		4
4	74302902 / P336050010	Spring Washer / JIS	16	4
5	74900498 / SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 / MA00252--A	Die Holder 3-1/2"		1
7	74576234 / P407002049	Bushing / OILES Industry	70B-1020	3
8	74900337 / MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 / MA01276---	Die Key		1
10	74900645 / P330220010	Hex Socket Cap Screw / MOURI	M6X22	1
11	74900340 / MA00264--A	Stopper Plate		1
12	74900339 / MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 256 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

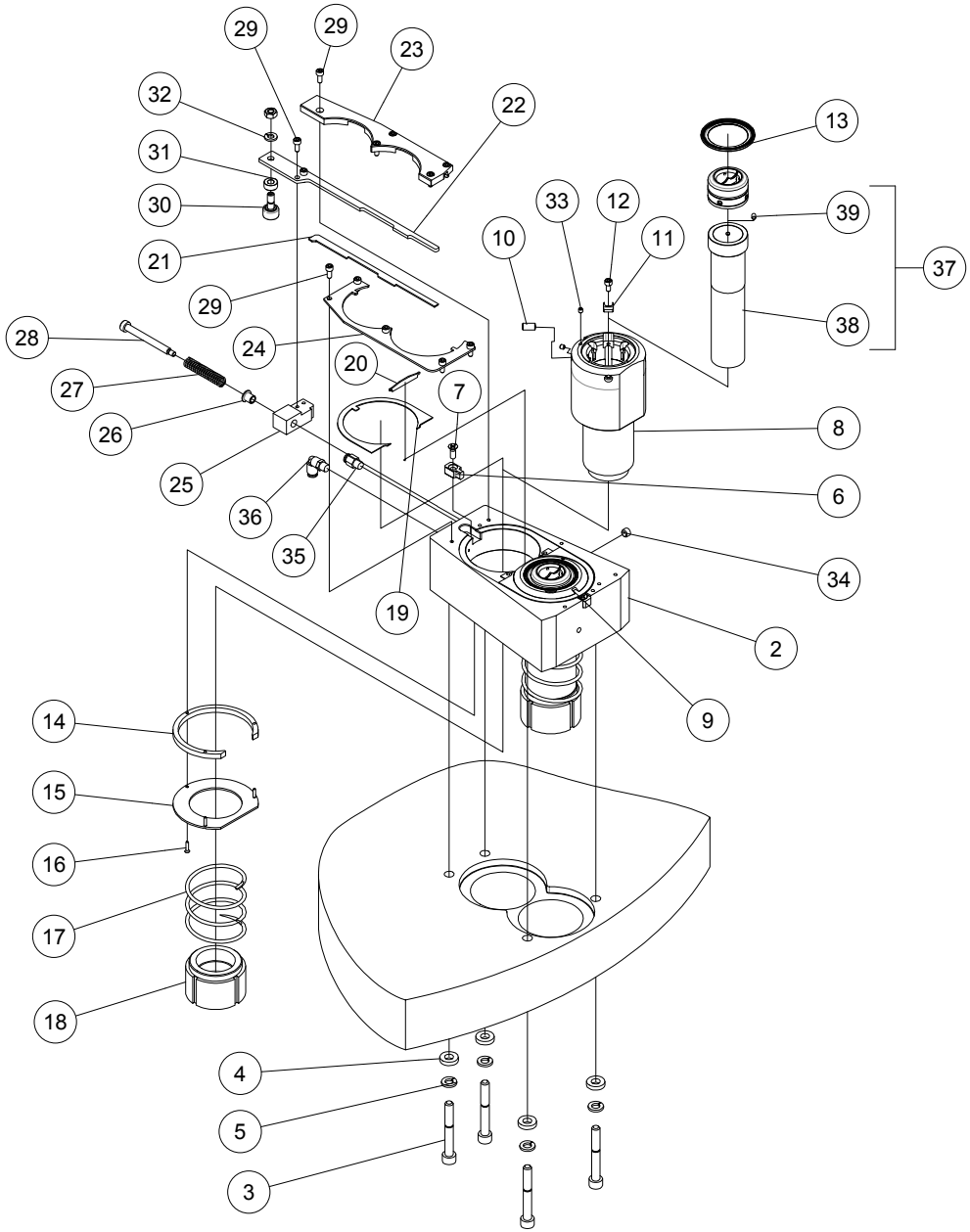
Unit No. 256 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 256 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1

Unit No. 257 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tap Die Holder ASSY>



(1) Tap Die Holder ASSY

MA08301---

Unit No. 257 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 257 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

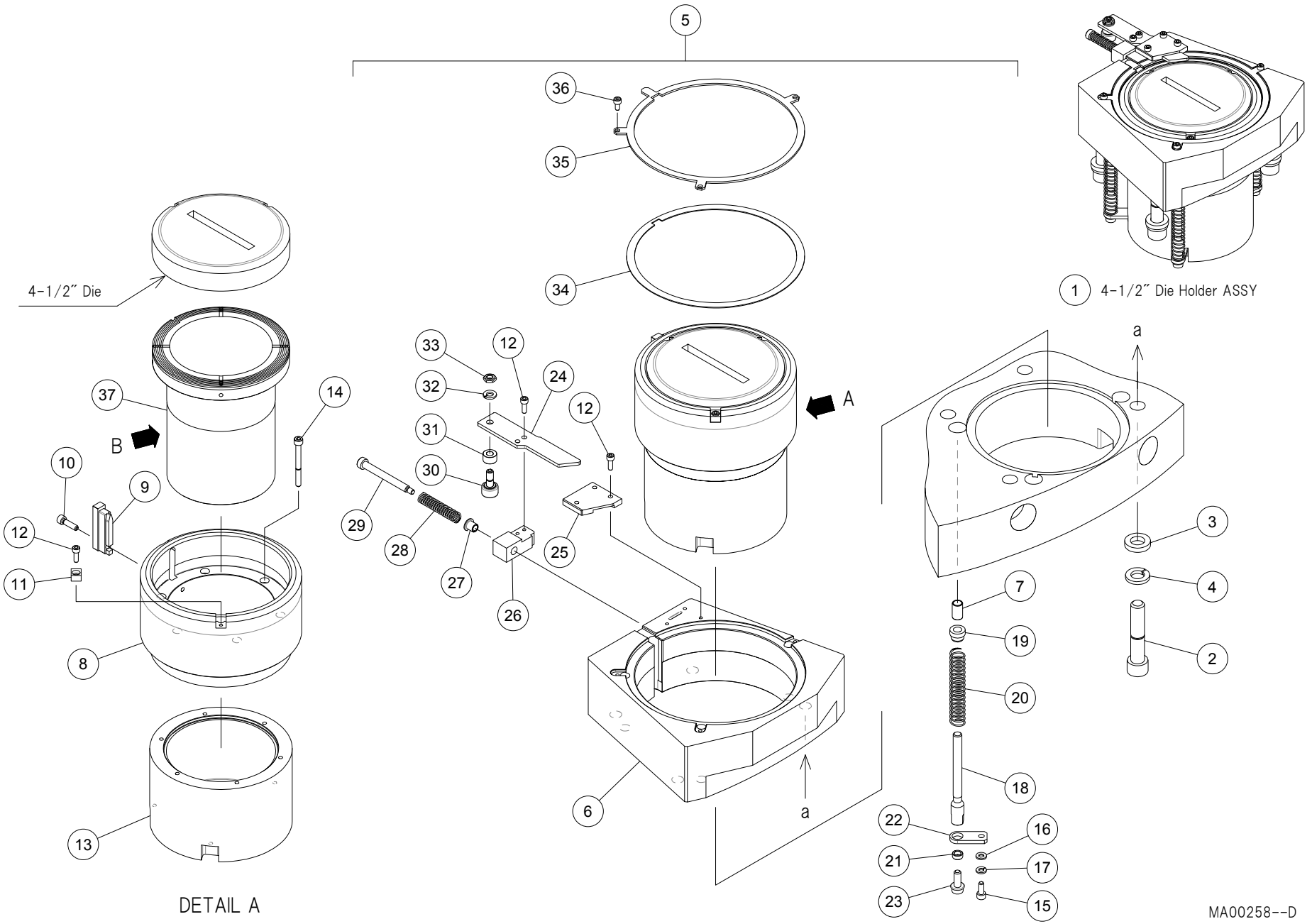
Unit No. 257 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

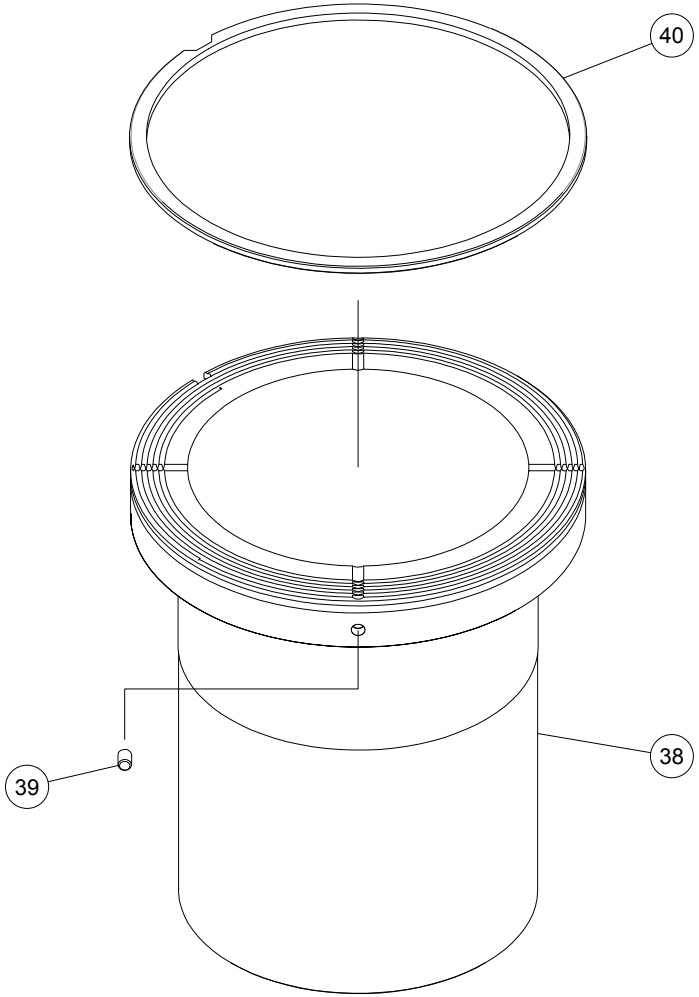
Unit No. 257 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1

Unit No. 258 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-1/2 <4-1/2" Die Holder ASSY>



1 4-1/2″ Die Holder ASSY



DETAIL B

(37) Ejector Pipe Kit 4-1/2

MA02415---

Unit No. 258 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903503 MA00258--D	4-1/2" Die Holder ASSY	Index 2-40	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74402979 SPT0063--A	4-1/2" Die Holder ASSY	MA00590--BMA01275--AMA00595---MA02415--- & other Index 6-40	1
6	74900505 MA00590--B	4-1/2" Die Holder		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74402980 MA01275--A	Lifter Pipe 4-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74314403 P330210006	Hex Socket Cap Screw	M5X15	6

Unit No. 258 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <4-1/2" Die Holder ASSY>

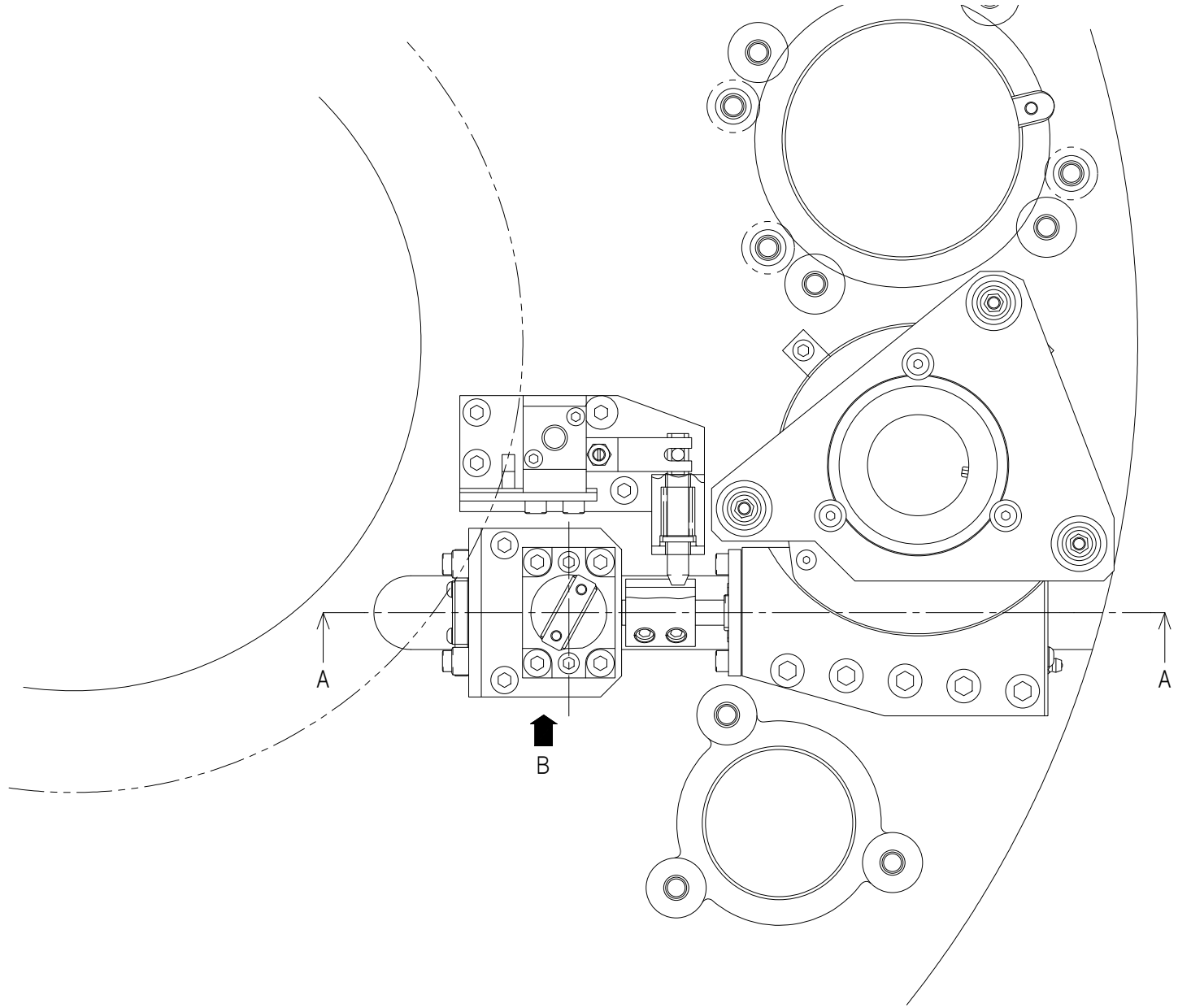
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900506 MA00595---	Lifter Ring 4-1/2"		1
14	74354328 P330220018	Hex Socket Cap Screw	M6X60	6
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
16	74159714 P336000005	Washer JIS	6(Normal)	3
17	74178737 P336050005	Spring Washer JIS	6	3
18	74900443 MA01278--A	Guide Shaft		3
19	74900444 MA01279--A	Spring Collar		3
20	74900446 MA01283---	Return Spring 3-1/2"		3
21	74402981 P336238284	Washer MISUMI	WSSB12-8-5	3
22	74900513 MA04624--A	Spring Block 4-1/2"		3
23	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
24	74900510 MA01281---	Slide Stopper 4-1/2"		1

Unit No. 258 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900511 MA01282---	Slide Stopper Holder 4-1/2"		1
26	74900448 MA01285---	Guide Holder		1
27	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
28	74900347 MA00287---	Spring		1
29	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900447 MA01284---	Color 3-1/2"		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74722743 P332000018	Nut JIS	M8(Thin)	1
34	74900504 MA00272---	Cover Seal 4-1/2"		1
35	74900507 MA00837---	Seal Cover 4-1/2"		1
36	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

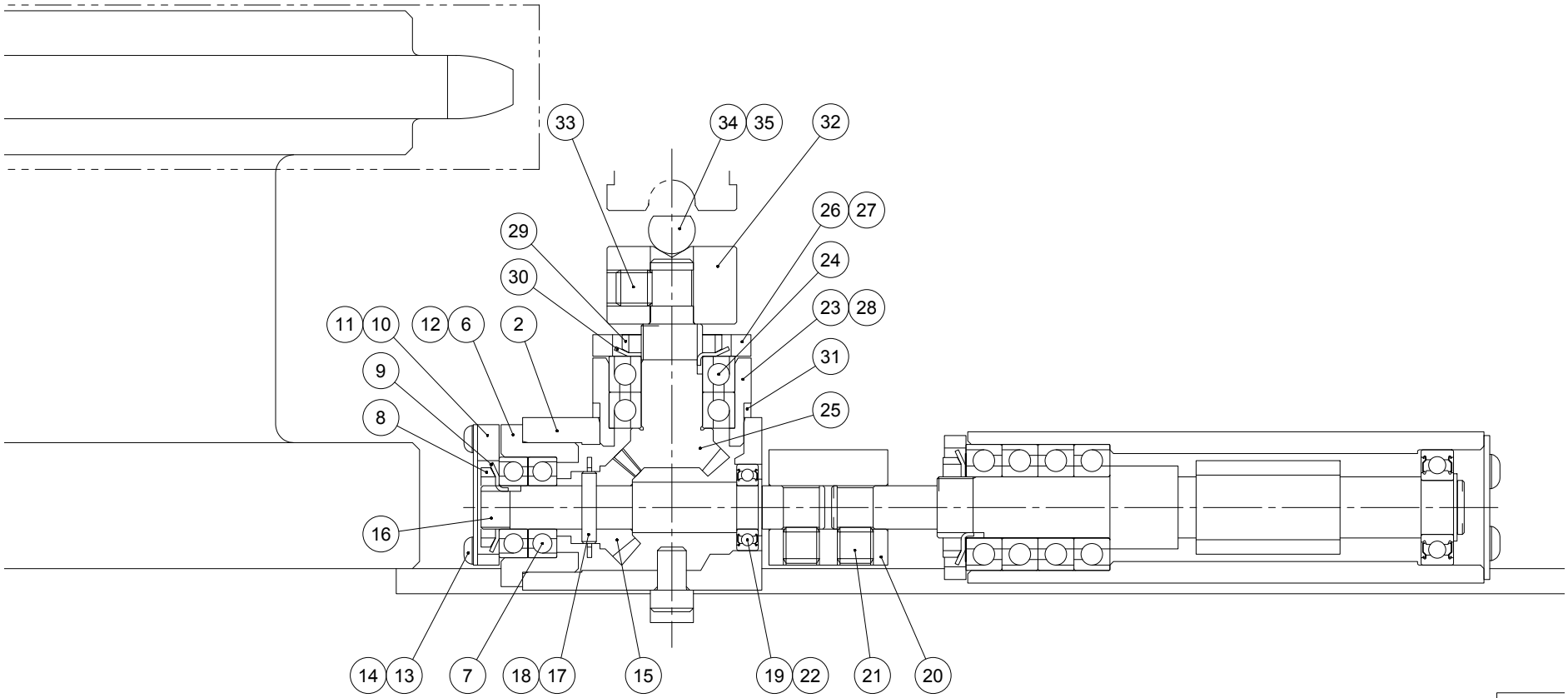
Unit No. 258 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900512 MA02415---	Ejector Pipe Kit 4-1/2	 Index 38-40	1
38	74900509 MA01277---	Ejector Pipe 4-1/2"	 	1
39	 7421419	Pin 1-1/4"	 	1
40	74900503 7831168---	Soft Wiper 4-1/2" SAKAGAMI	BHH-0158703F001 	1



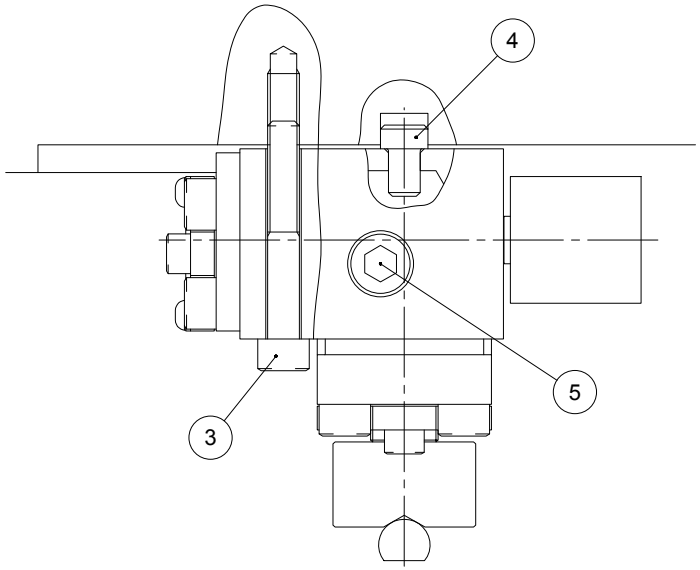
(1) Turret Drive ASSY Upper

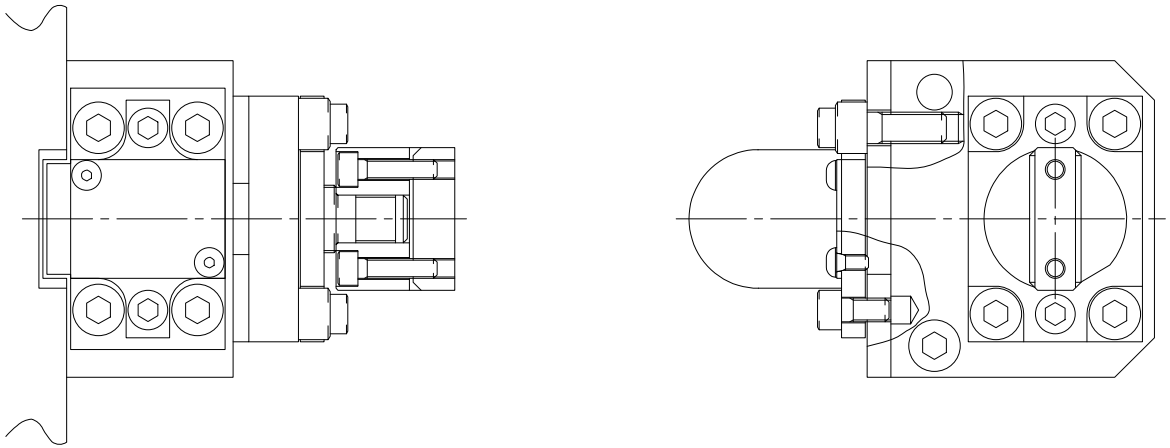
6813105 D



SECTION A-A

6813105 D





DETAIL B

6813105 D

Unit No. 259 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Upper>

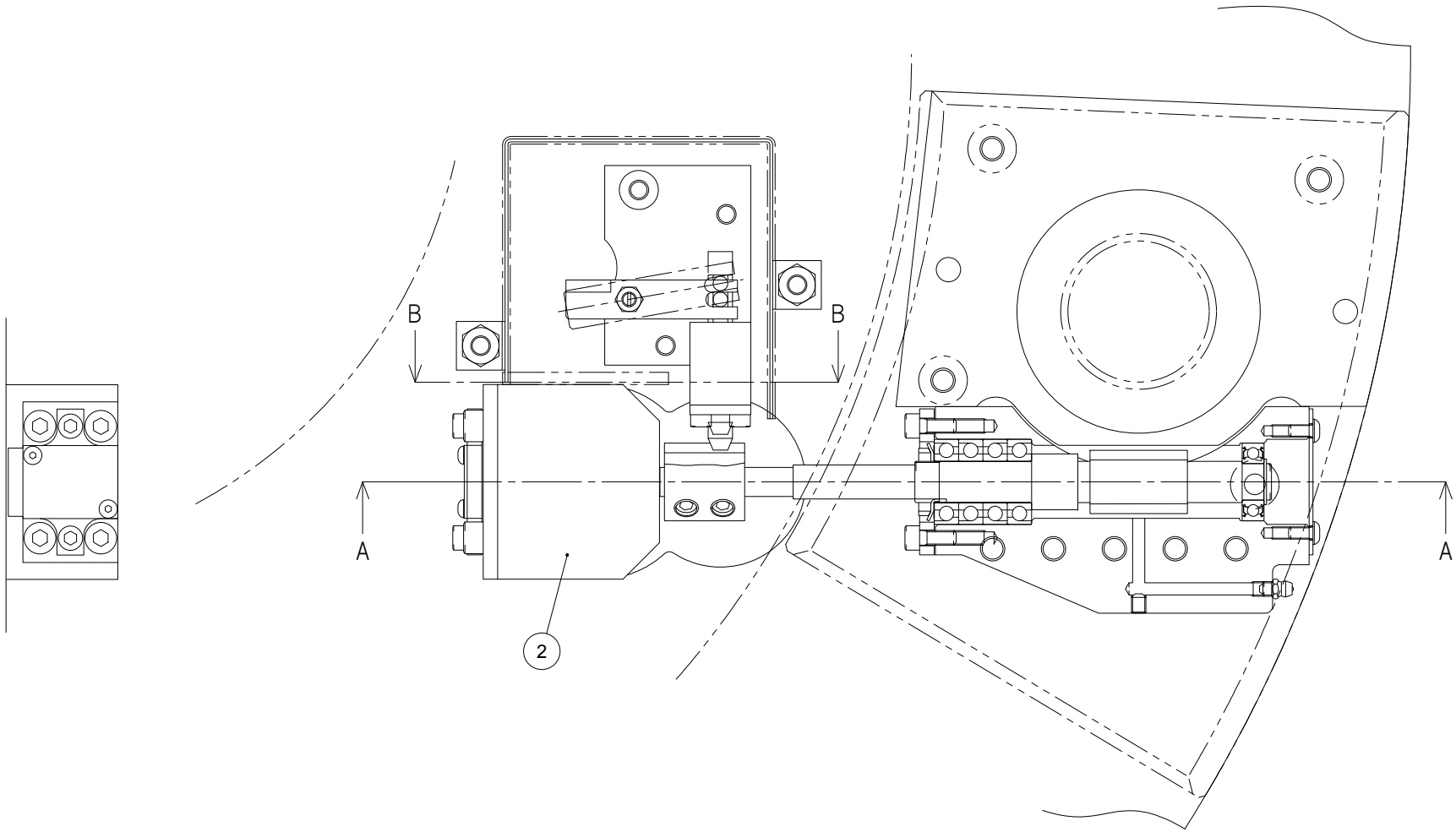
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	 Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 259 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

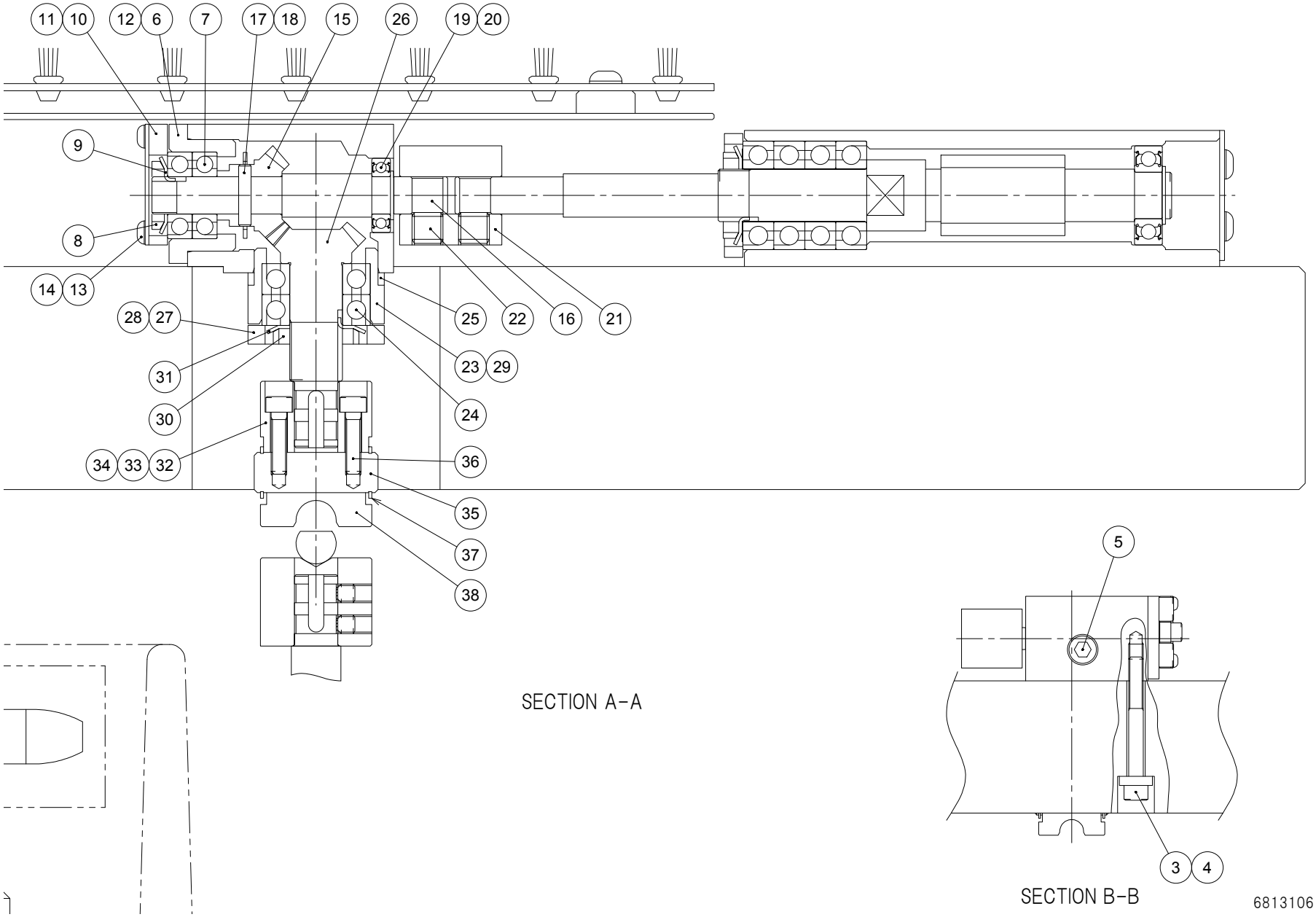
Unit No. 259 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2



(1) Turret Drive ASSY Lower

6813106 D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SECTION A-A
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4
SECTION B-B
6813106 D

Unit No. 260 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	 Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 260 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

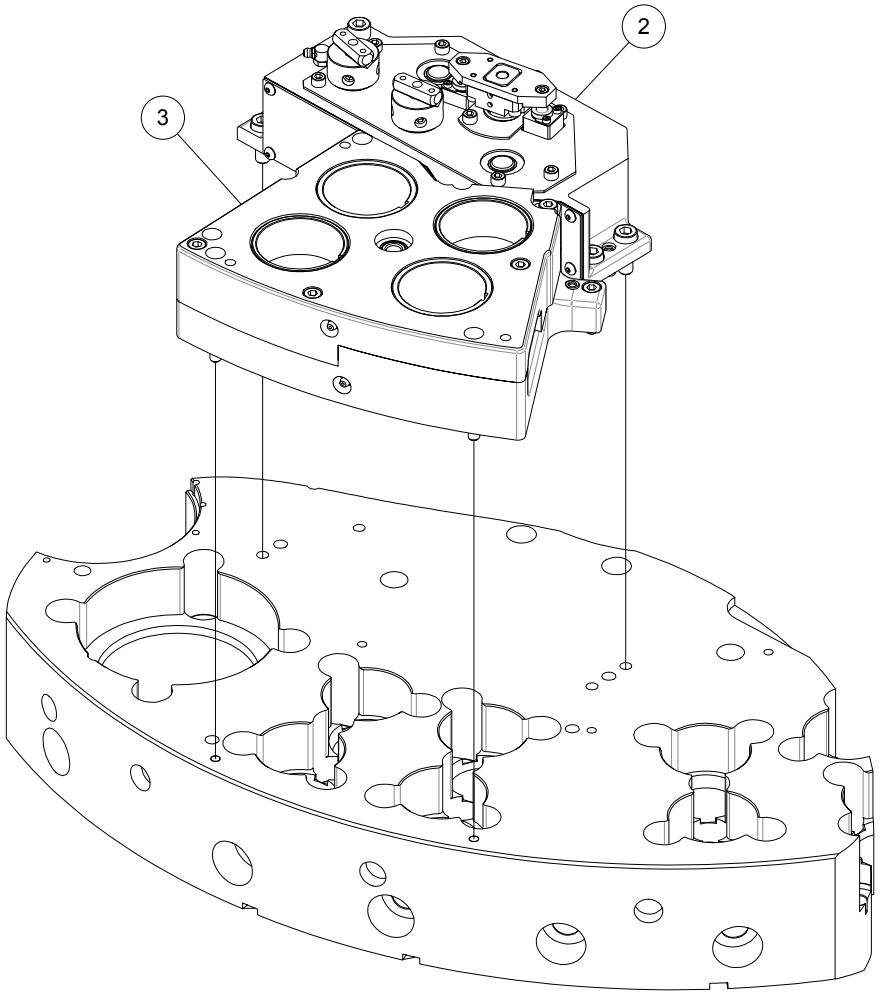
Unit No. 260 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 260 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
38	74379584 6501943 B	Clamp Shaft		1

Unit No. 261 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Built in Tap ASSY>

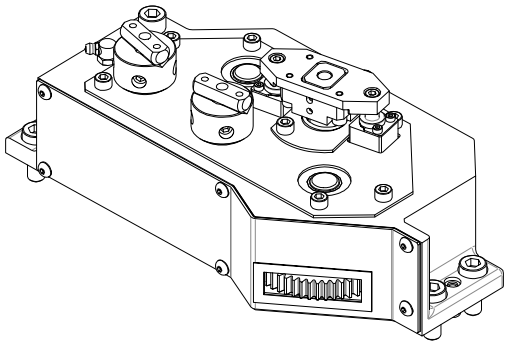


(1) Built in Tap ASSY

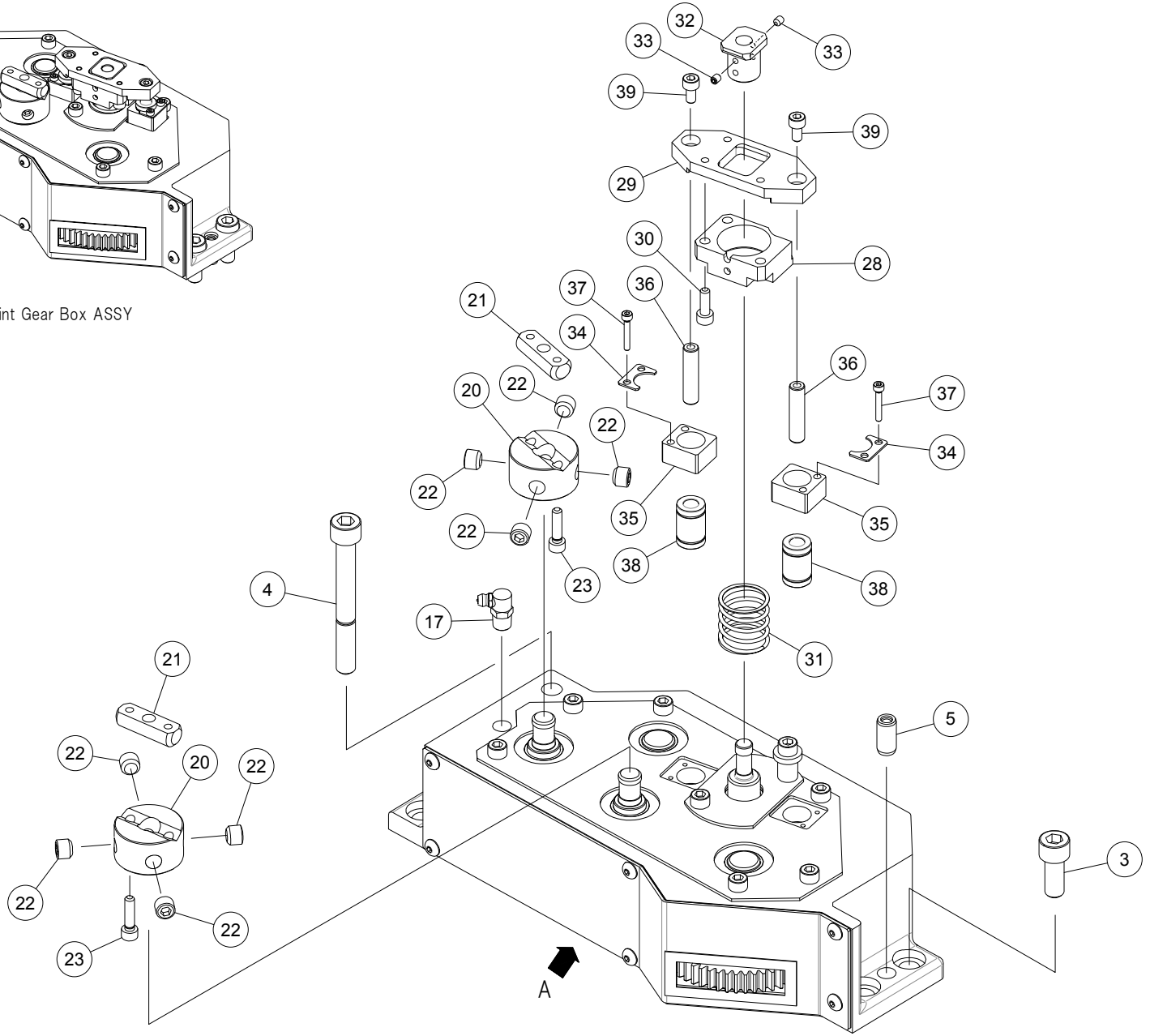
MA00867---
(MA00855---)
(3804910--B)

Unit No. 261 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Built in Tap ASSY>

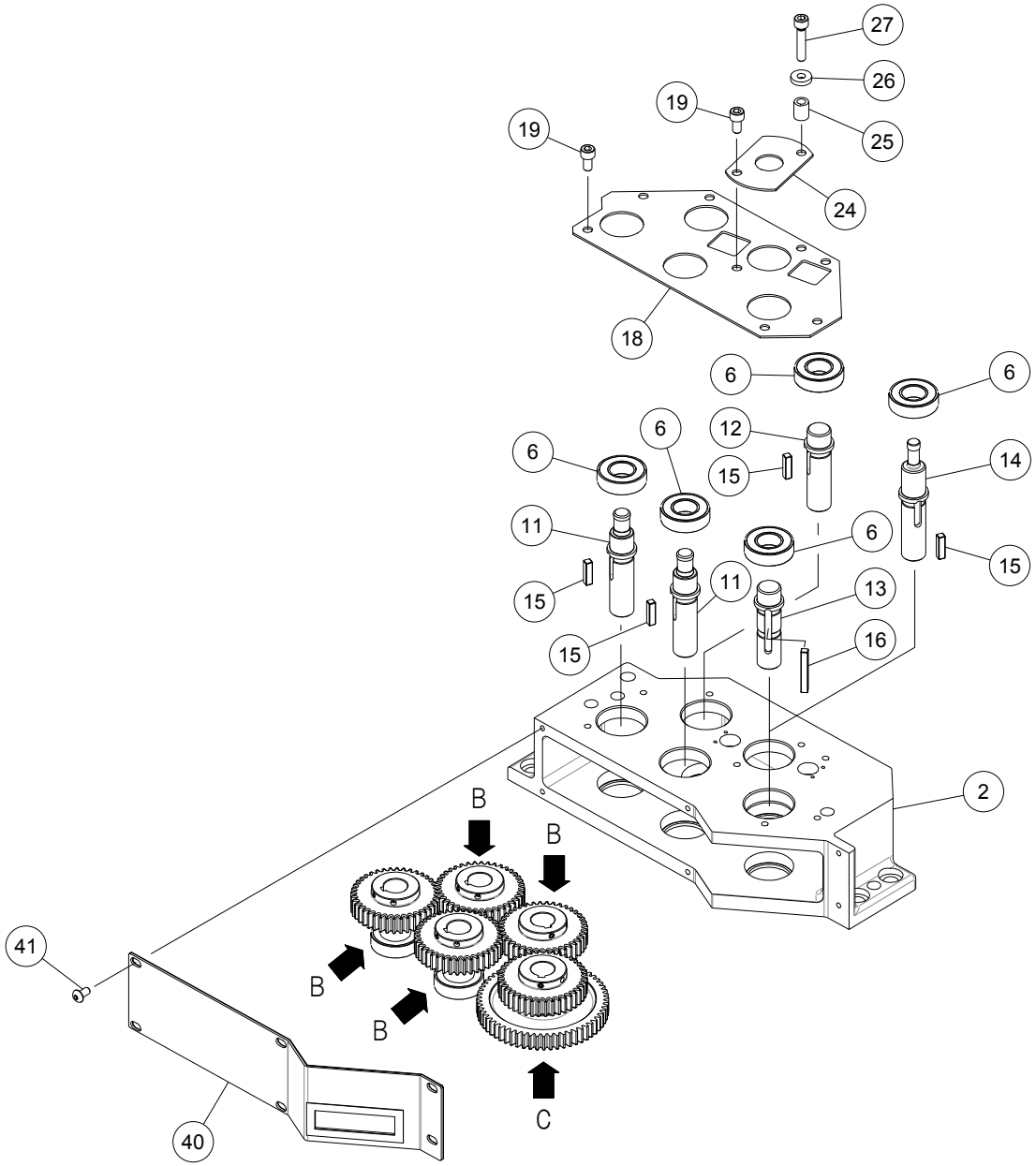
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 MA00855---	Point Gear Box ASSY		1
3	74900319 3804910--B	Tool Gear Box ASSY		1



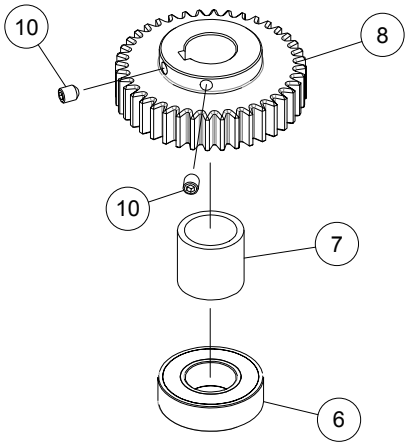
(1) Point Gear Box ASSY



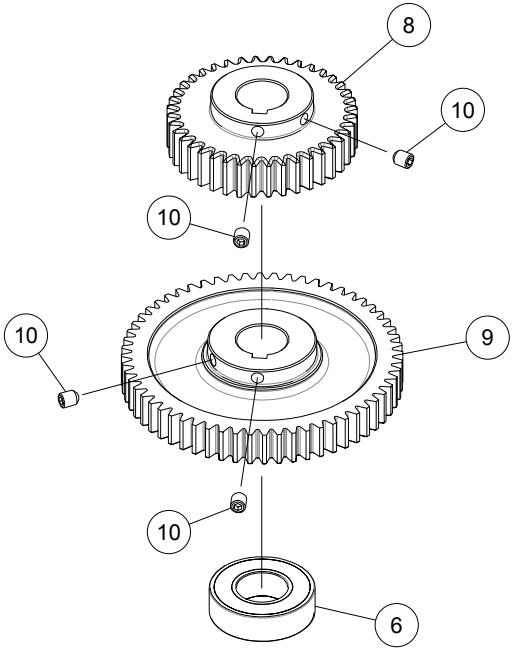
MA00855---



DETAIL A



DETAIL B



DETAIL C

MA00855---

Unit No. 262 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 262 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

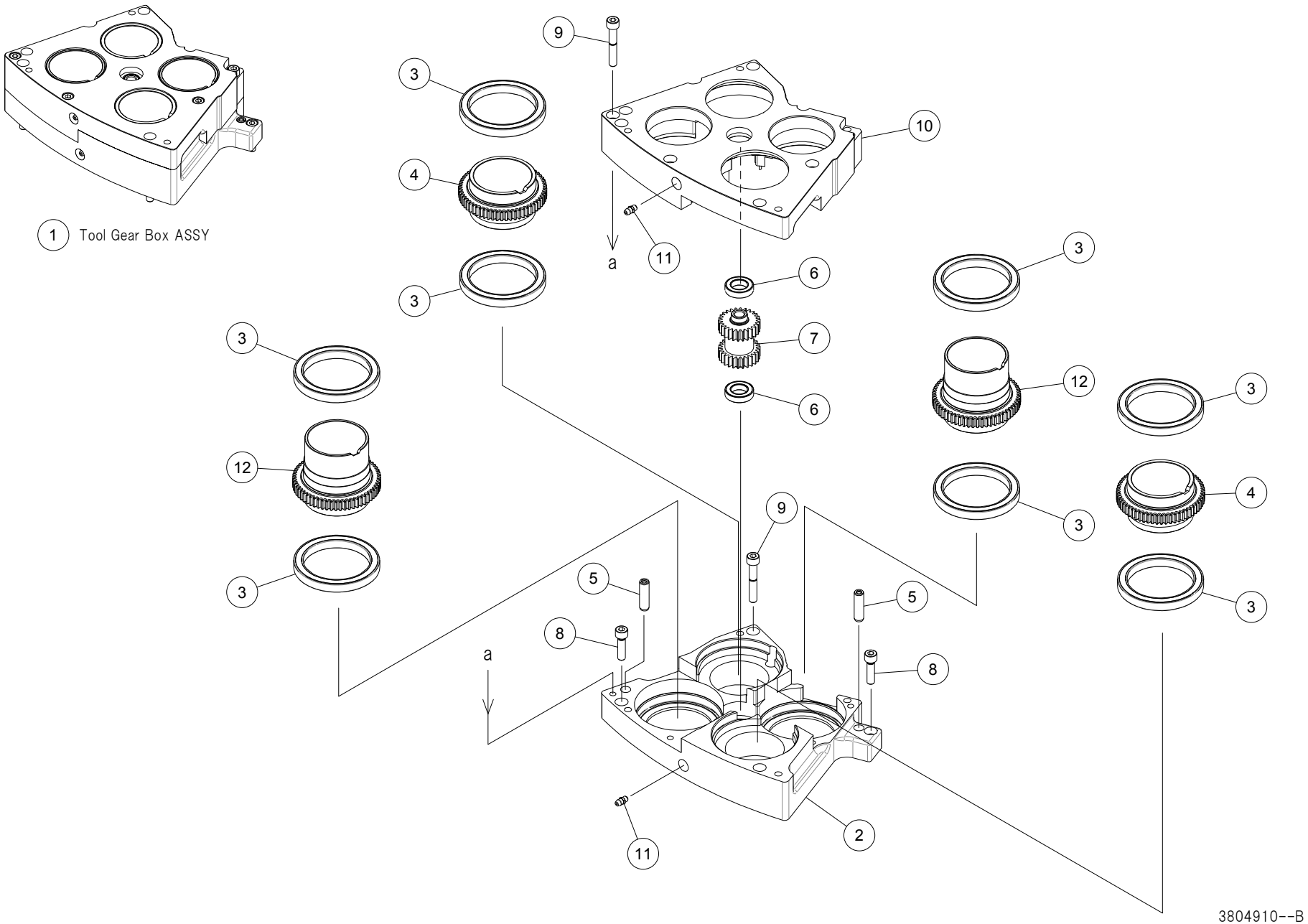
Unit No. 262 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 262 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 / P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 / P446002014	LM Guide / THK	LM8UU	2
39	74183604 / P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 / MA00844---	Seal Cover		1
41	74183301 / P334500009	Button Head Screw	M5X10	6

Unit No. 263 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tool Gear Box ASSY>

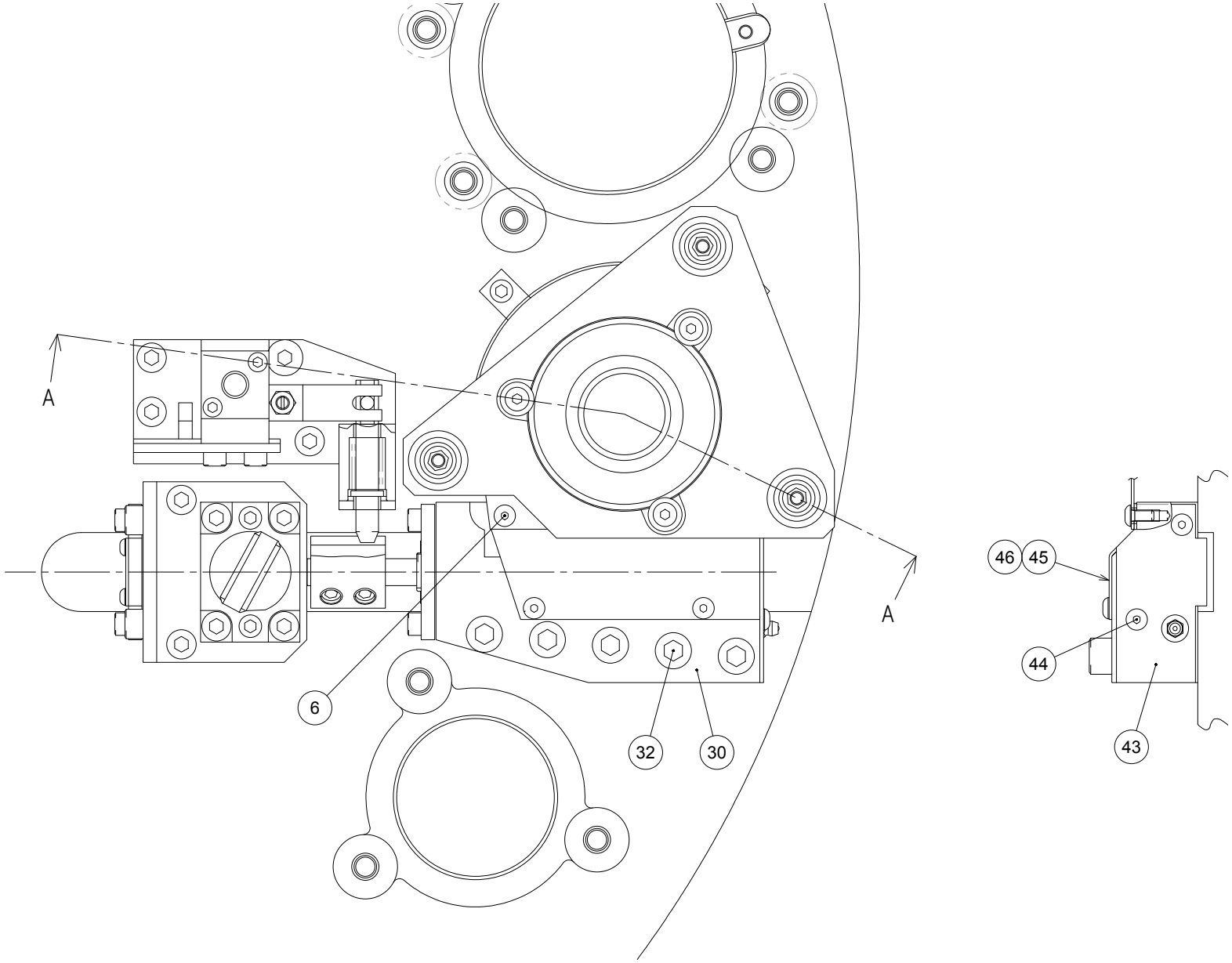


Unit No. 263 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tool Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

Unit No. 263 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Tool Gear Box ASSY>

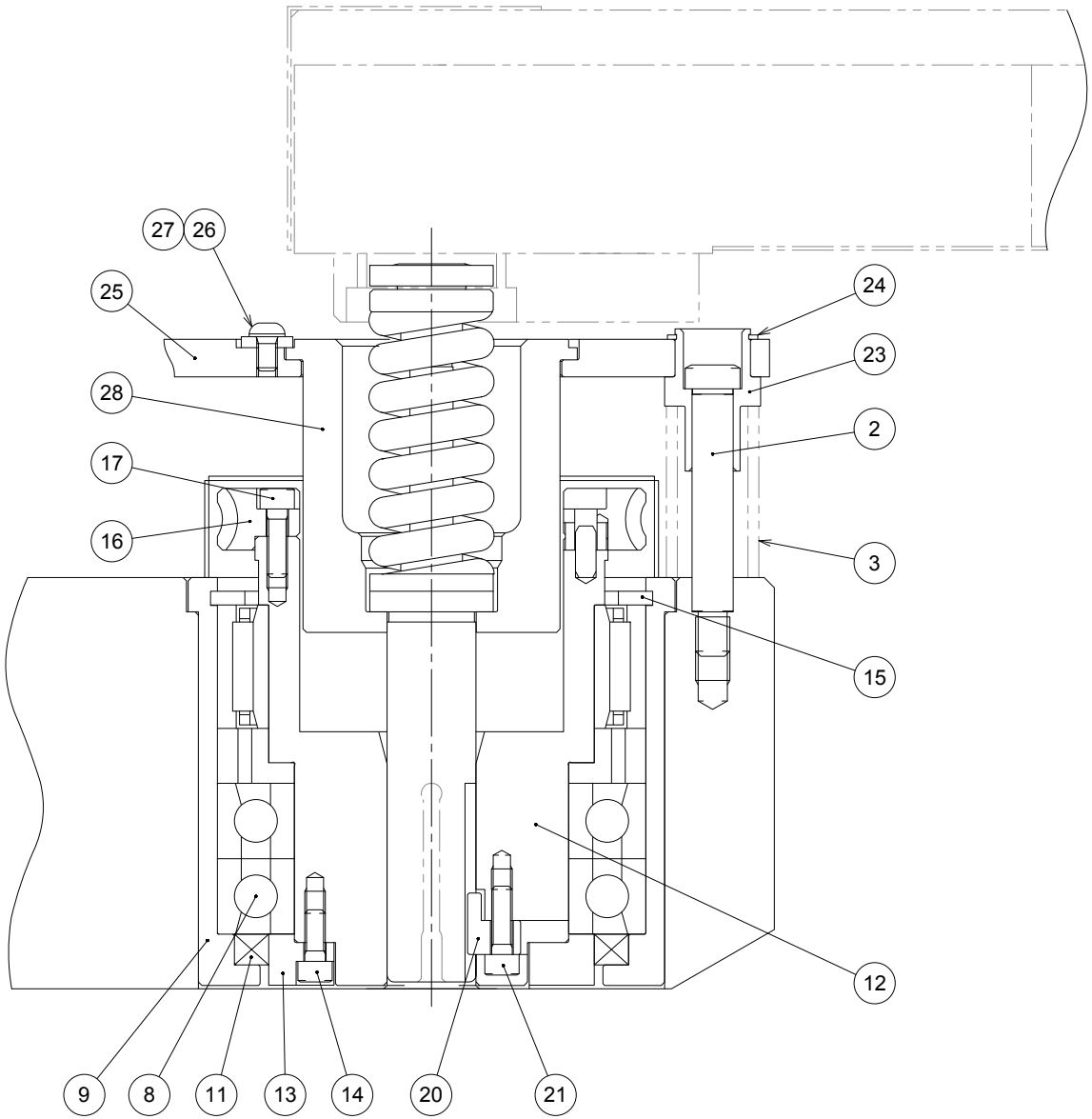
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	



(1) 1/2"AI Turret ASSY Upper

(29) Worm Housing U1 ASSY

6882940--B



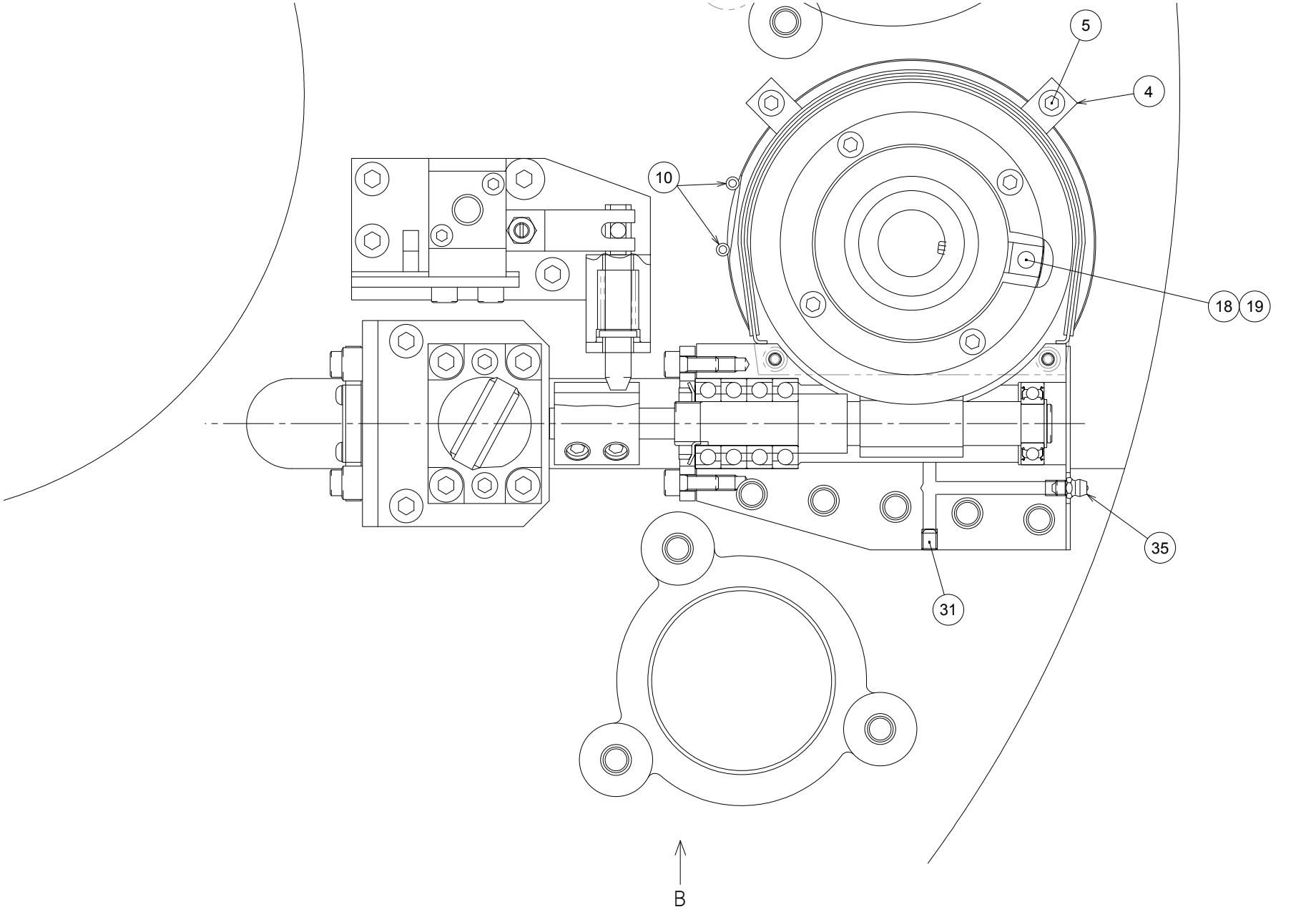
(22) Link Holder U1 ASSY

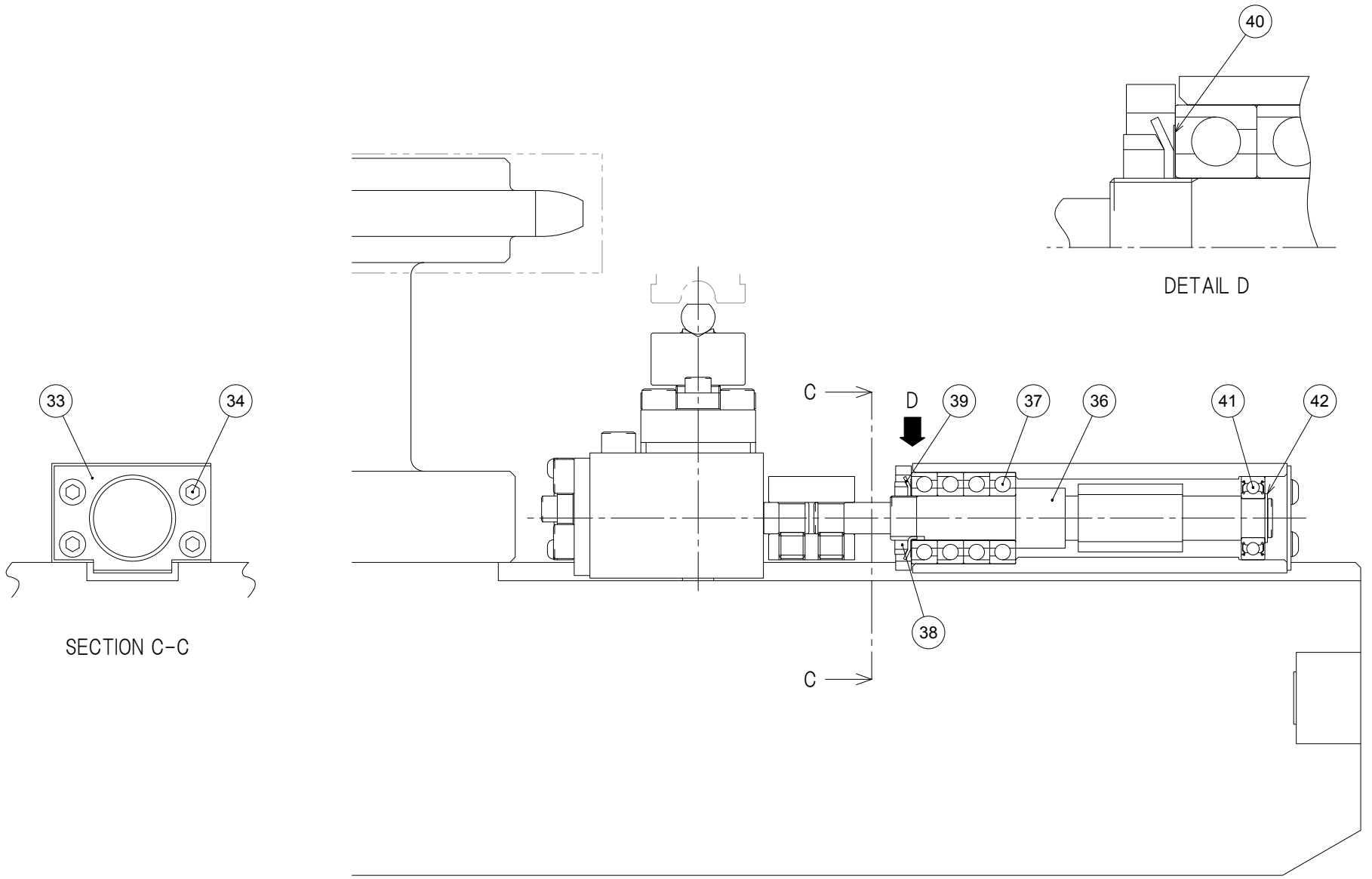
(7) Bearing Holder U1 ASSY

SECTION A-A

6882940--B

Unit No. 264 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-3/4 <1/2"AI Turret ASSY Upper>

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6882940--B

Unit No. 264 Turret Al(32ST-4AI)E-1/2"AI(2"X2) <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6882940--B	1/2"AI Turret ASSY Upper	Index 2-46	1
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74453067 6882944	Wheel Cover 1/2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74403016 6882941--A	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74453059 6882813	Guide Holder 1/2"		1

Unit No. 264 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2"AI Turret ASSY Upper>

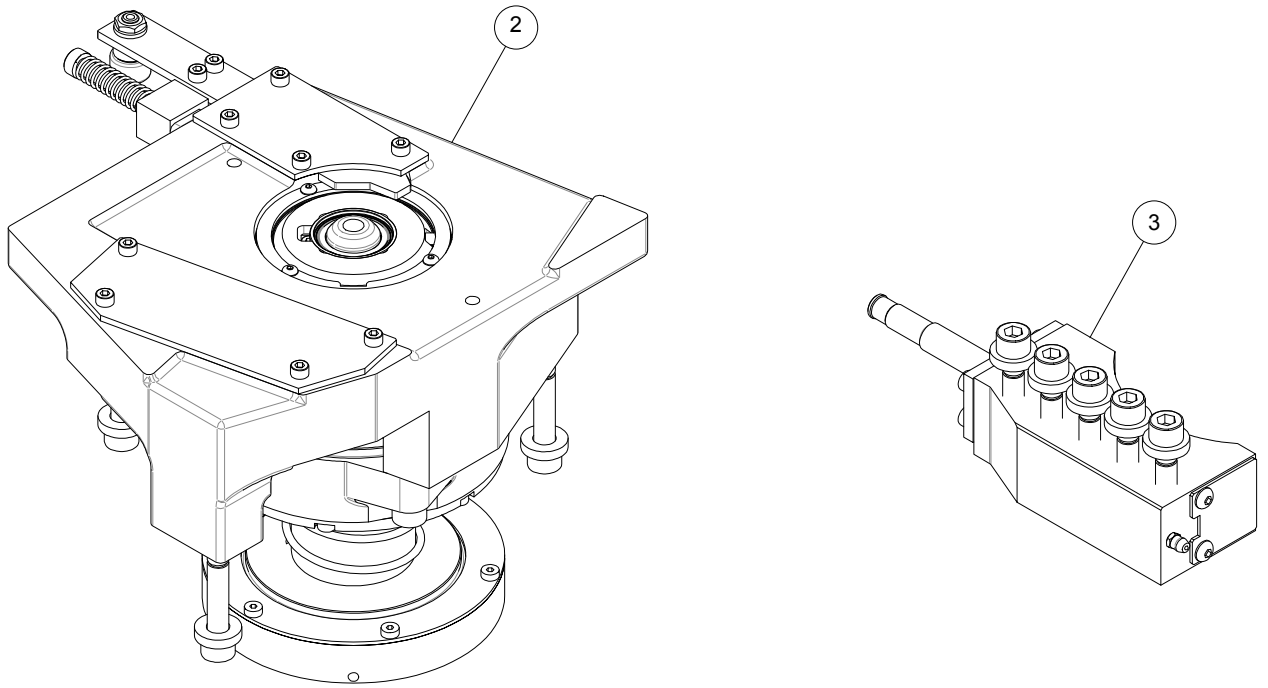
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74453060 6882945	Worm Wheel Upper		1
17	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6882942	Link Holder U1 ASSY	 Index 23-28	1
23	74453061 6882946	Lifter Collar 1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 264 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74453062 6882947	Link Holder 1/2"		1
26	74732449 0821819 A	Washer M6		3
27	74183302 P334500013	Button Head Screw	M6X10	3
28	74453063 6882948	Lifter Ring 1/2"		1
29	74901441 6882943	Worm Housing U1 ASSY	Index 30-46	1
30	74453064 6882949	1/2" Worm Housing U		1
31	74183123 P330550025	Socket Set Screw JIS	M6X8(Flat Point)	1
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 264 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74453065 6882950 A	Cover 1		1
44	74183301 P334500009	Button Head Screw	M5X10	2
45	74453066 6882951	Cover 2		1
46	74183301 P334500009	Button Head Screw	M5X10	2



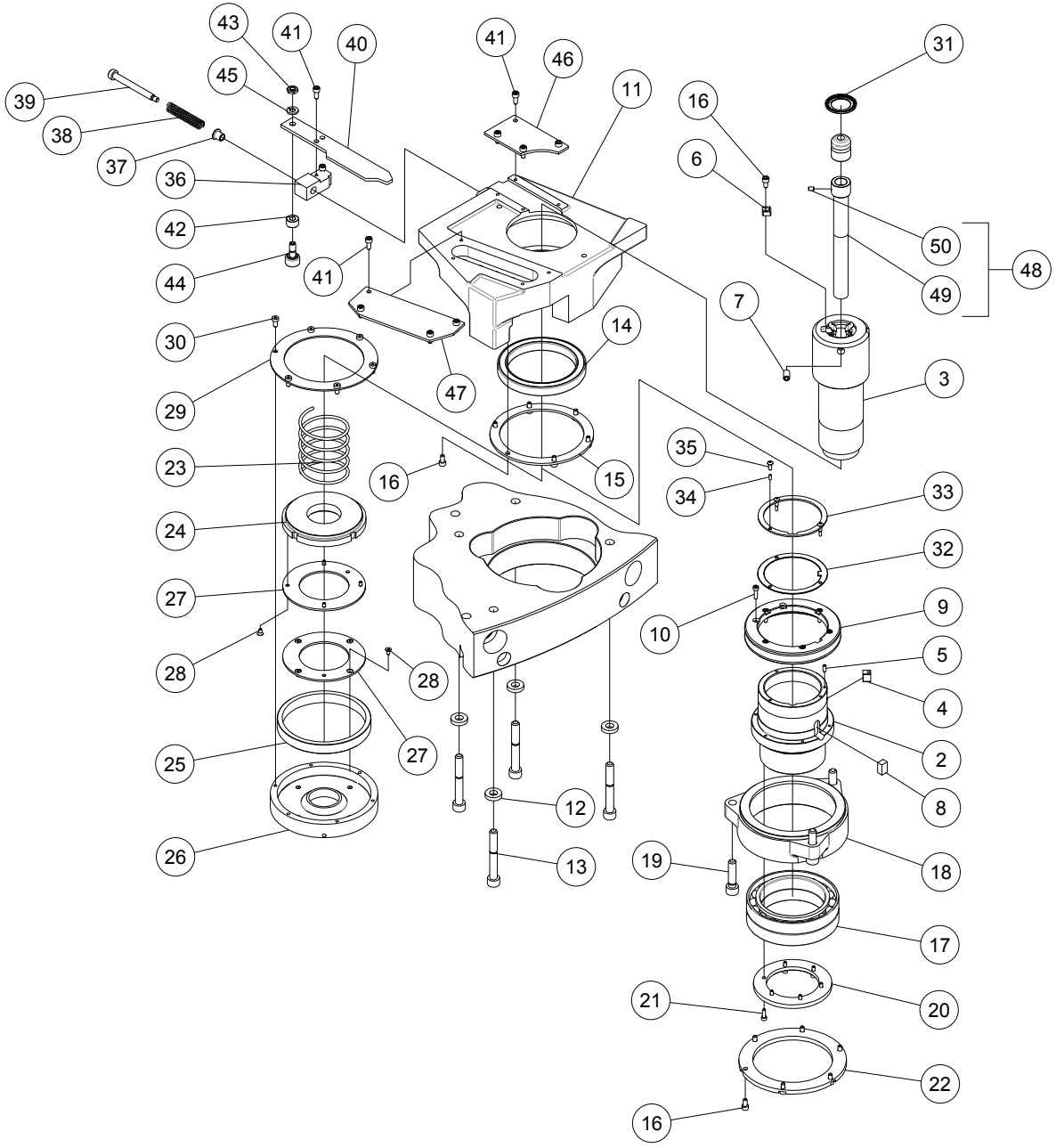
(1) 1/2"AI Turret ASSY Lower

MA08306---

Unit No. 265 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08306---	1/2"AI Turret ASSY Lower	Index 23	1
2	MA08299---	Bearing Holder LH ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>



(1) Bearing Holder LH ASSY

MA08299---

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08299---	Bearing Holder LH ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401944 MA08300---	Lifter Pipe 1/2		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74315024 P338182011	Ball Plunger JEC	BP-8-H	2
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
14	74900657 P400010608	Deep Groove Ball Bearing NSK & others	6818ZZ	1
15	74900419 MA00856---	Bearing Stopper Upper		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 P404024083	Complex Bearing NTN	7917UADDB/GLP5	1
18	74900392 MA00678---	Bearing Holder L		1
19	74183642 P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	6
22	74900420 MA00857---	Bearing Stopper Lower		1
23	74900396 MA00682---	Return Spring 1-1/4AI		1
24	74900393 MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>

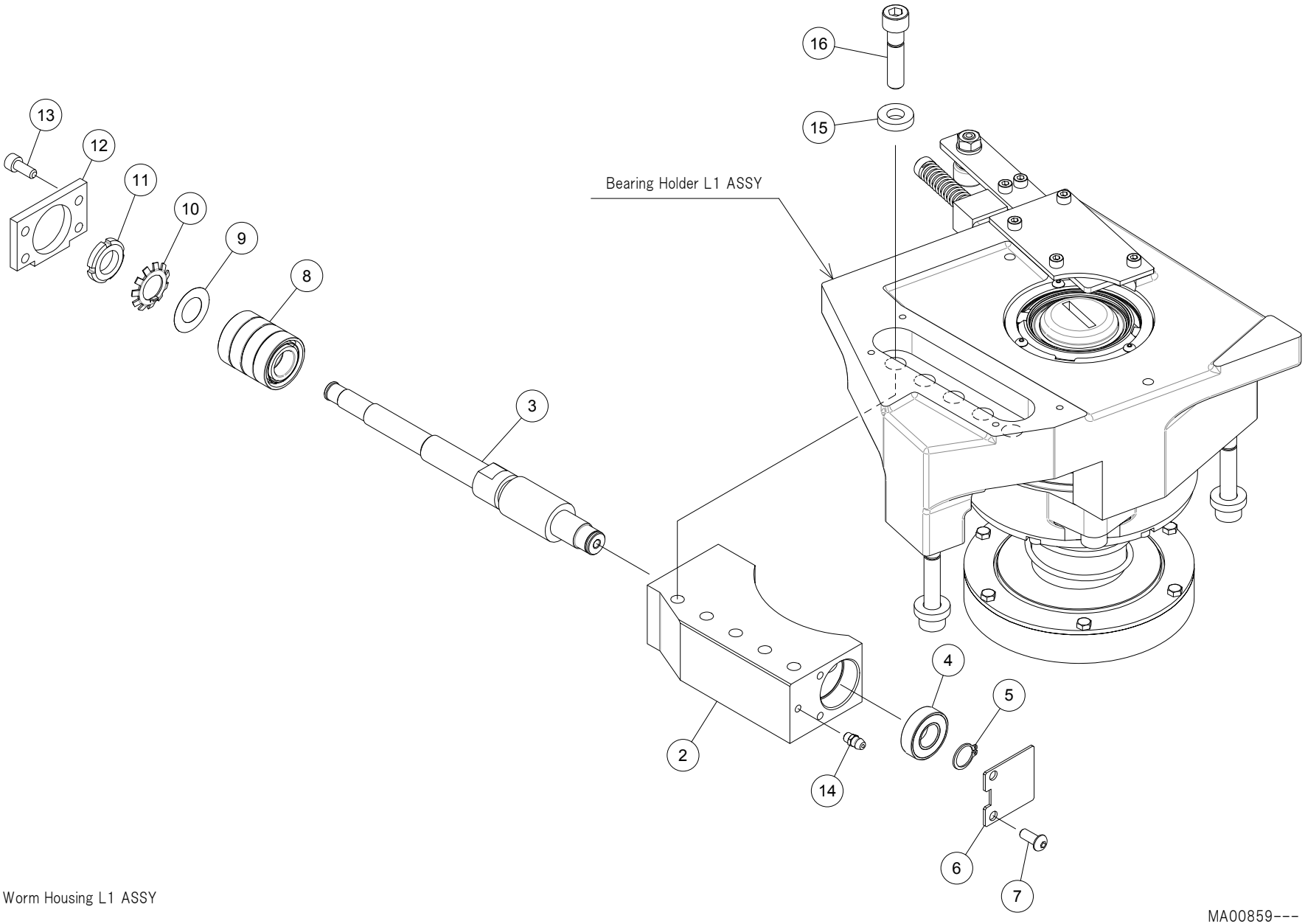
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74387444 7400894 B	Cover Seal 1/2"		1
32	74901444 MA04627---	Cover Seal 1/2AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 4950	1

Unit No. 266 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900361 MA00571---	Ejector Pipe 1/2"		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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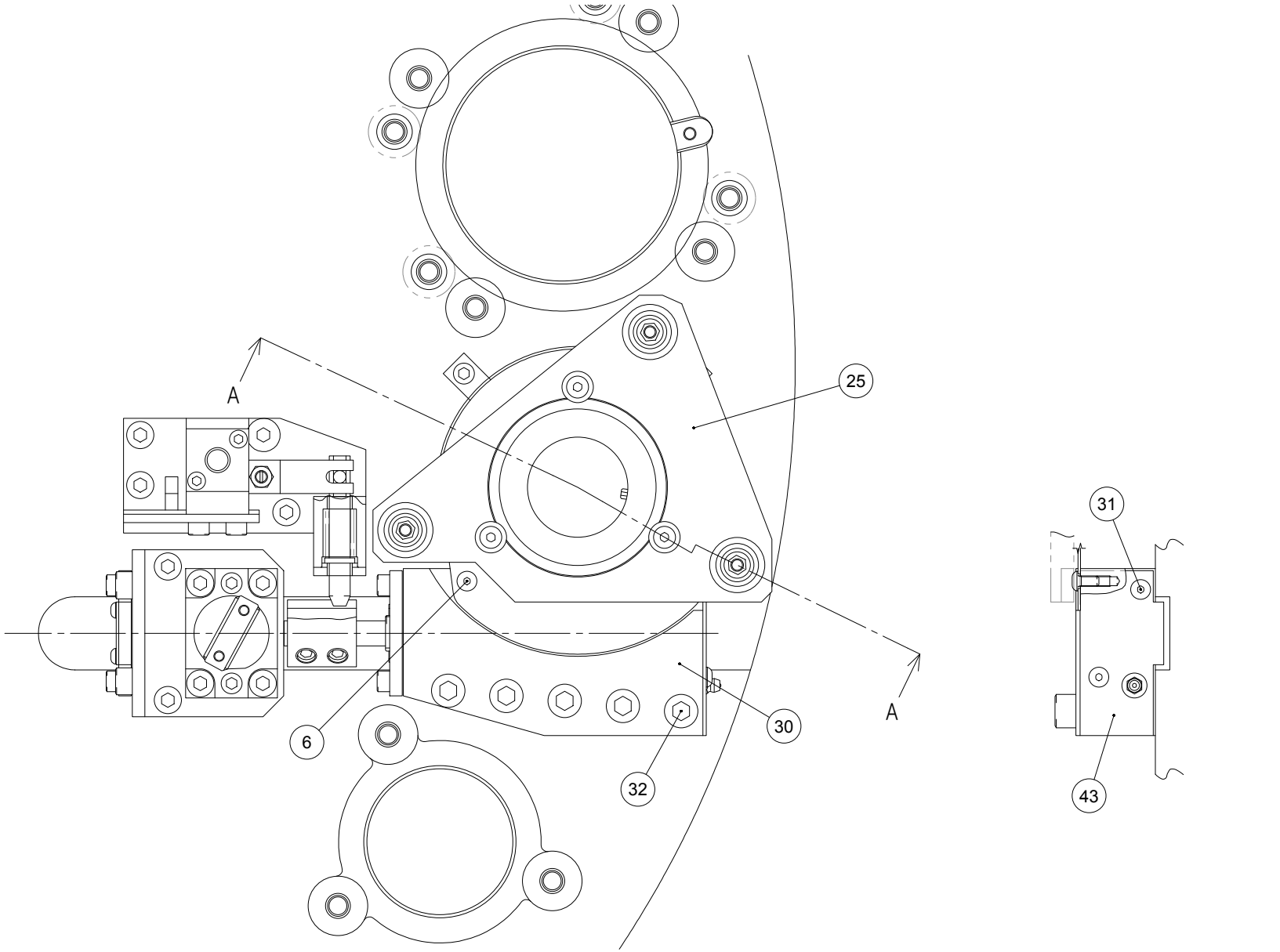
7
1 Worm Housing L1 ASSY
MA00859---

Unit No. 267 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

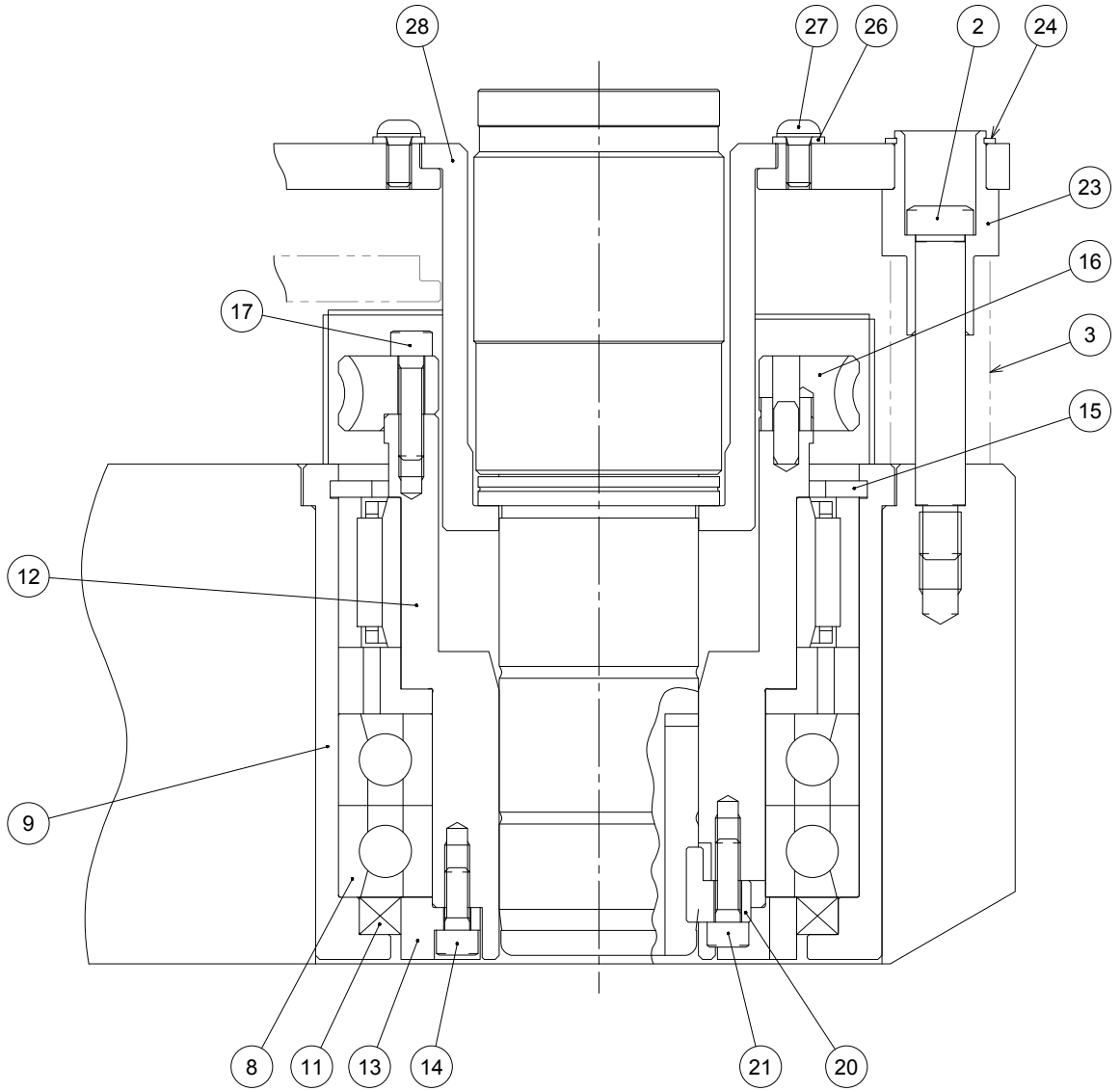
Unit No. 267 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

6875440--C

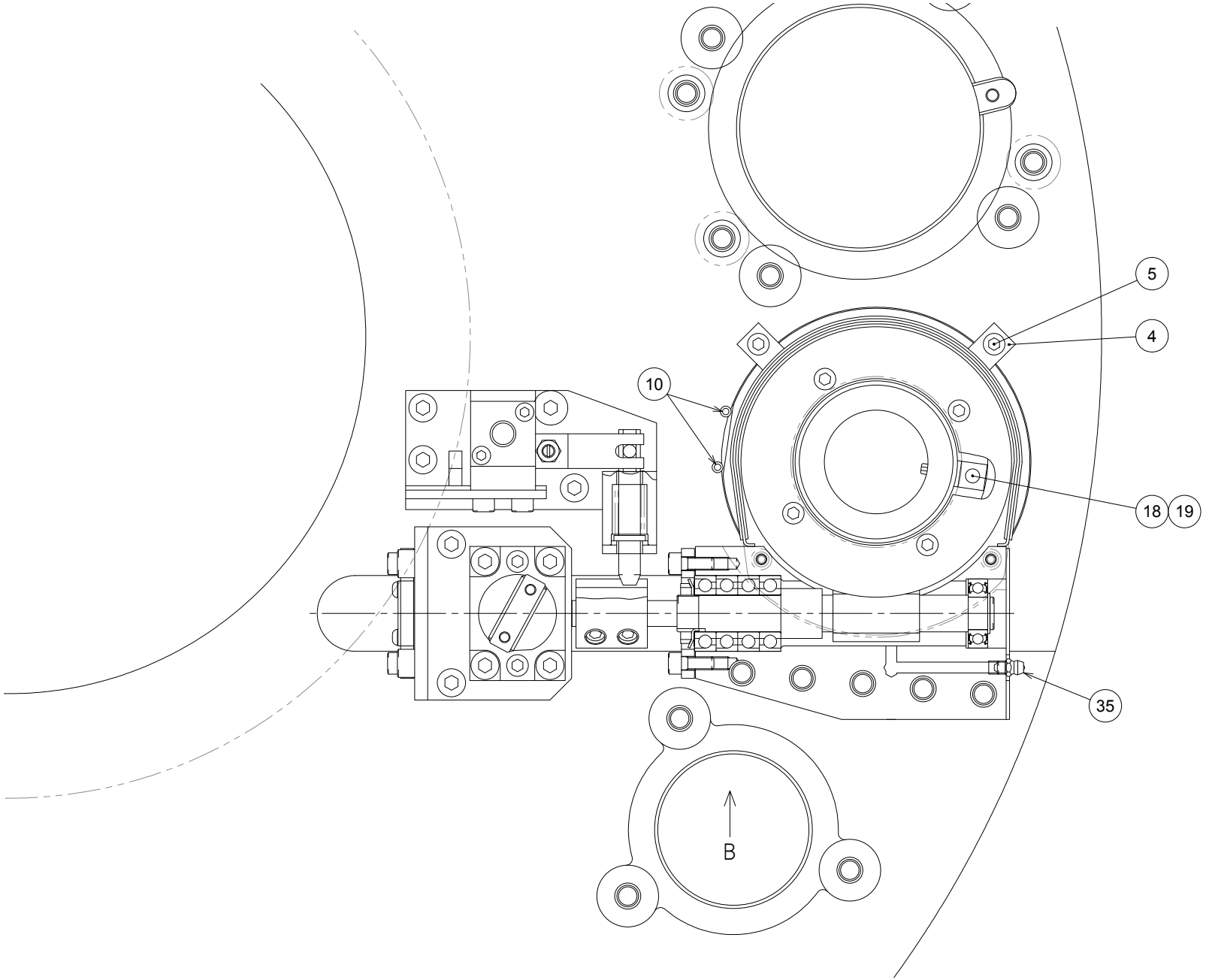


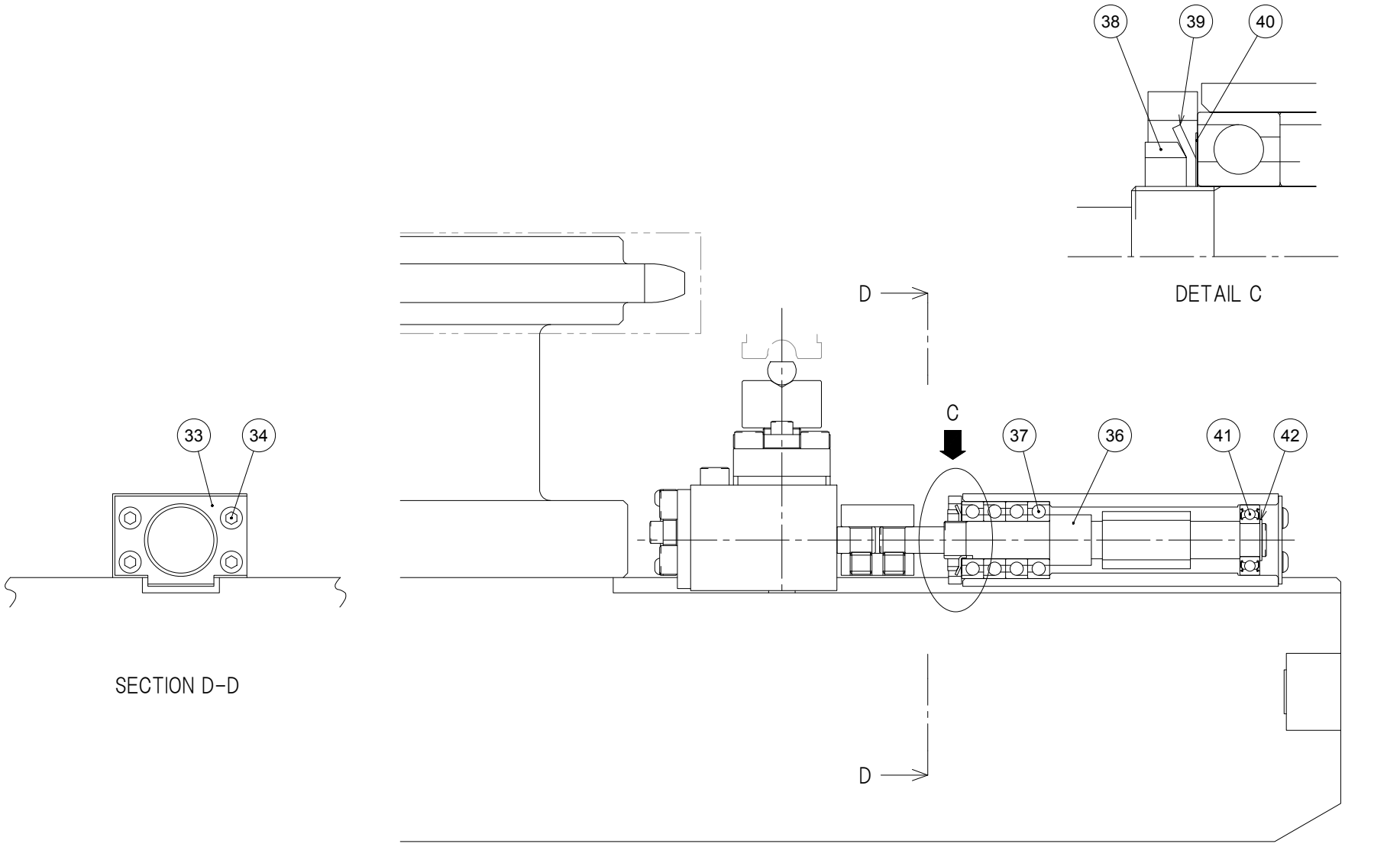
(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C

Unit No. 268 Turret AI(32ST-4AI)E-1/2"AI(2"X2)-3/4 <1-1/4" AI Turret ASSY Upper>

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DETAIL C
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SECTION D-D
D
VIEW B
6875440--C

Unit No. 268 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 268 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" AI Turret ASSY Upper>

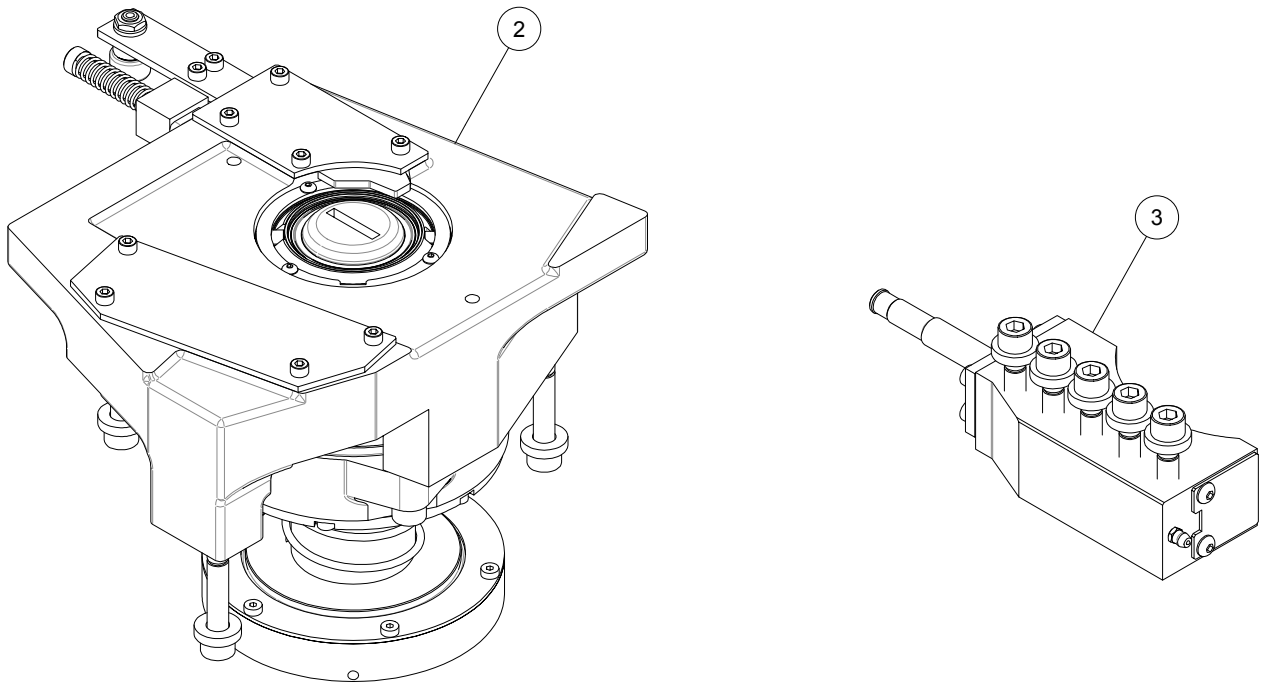
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 268 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 268 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74322202 6501959	Cover		1



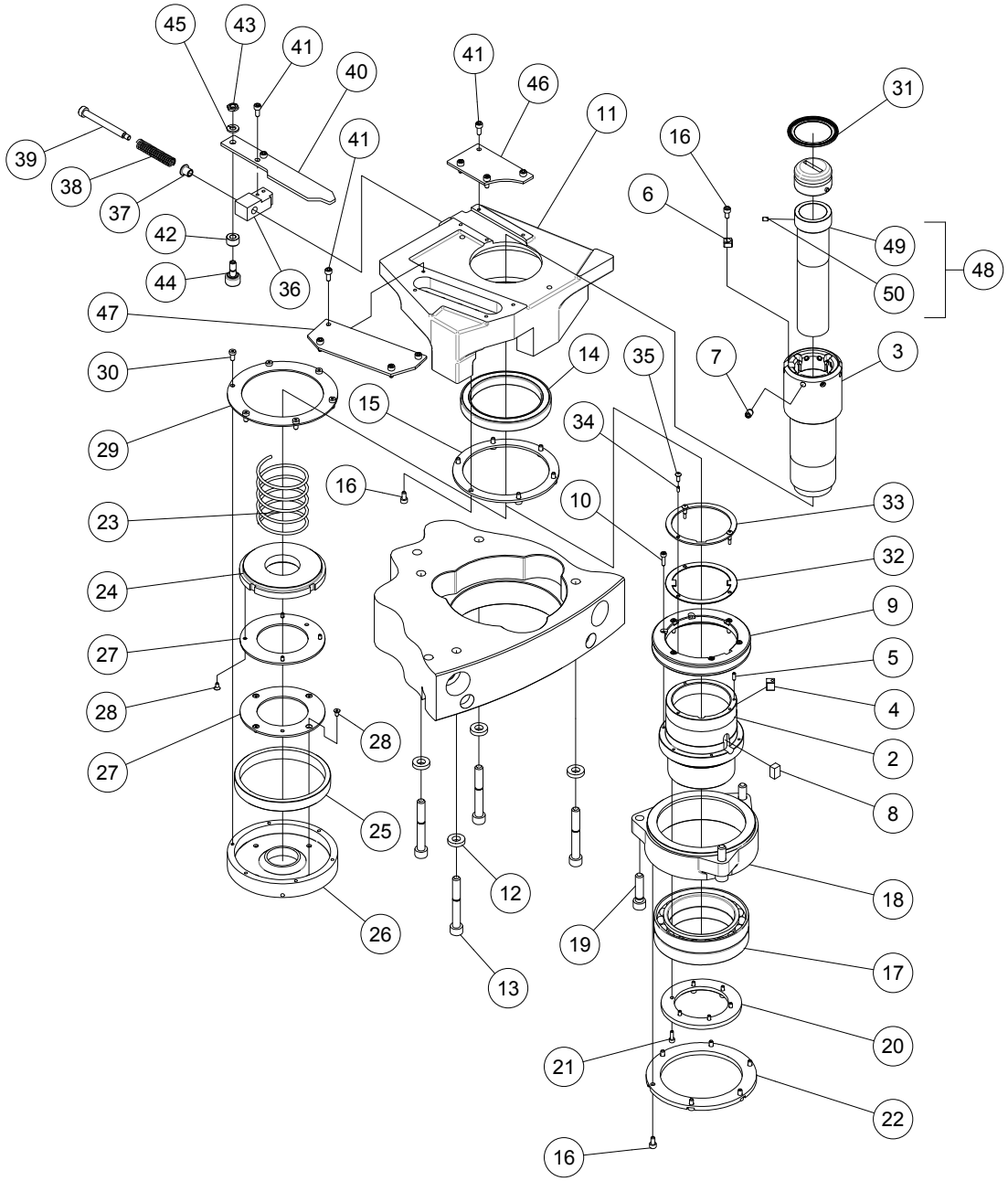
(1) 1-1/4″AI Turret ASSY Lower

MA08305---

Unit No. 269 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>

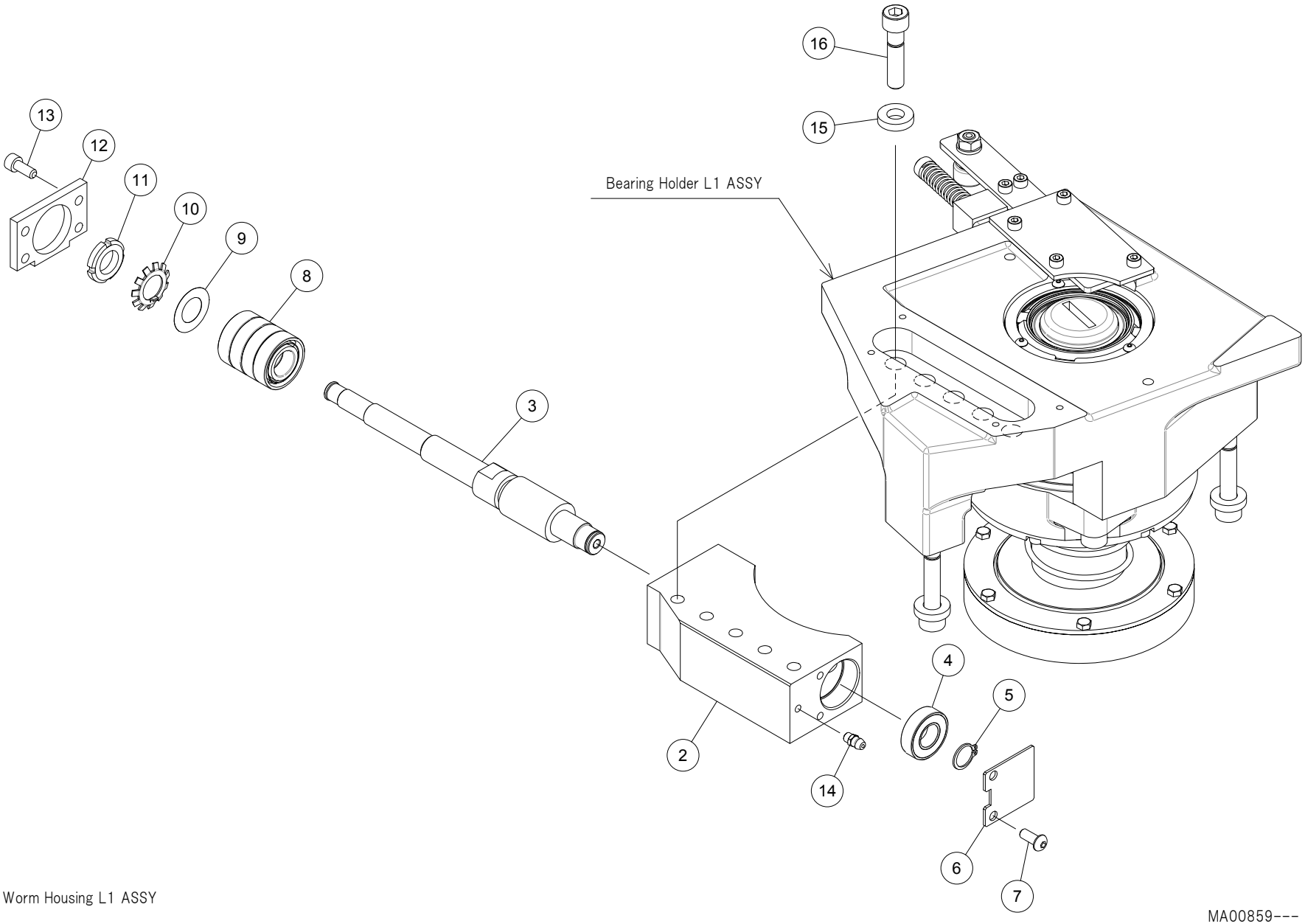
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 270 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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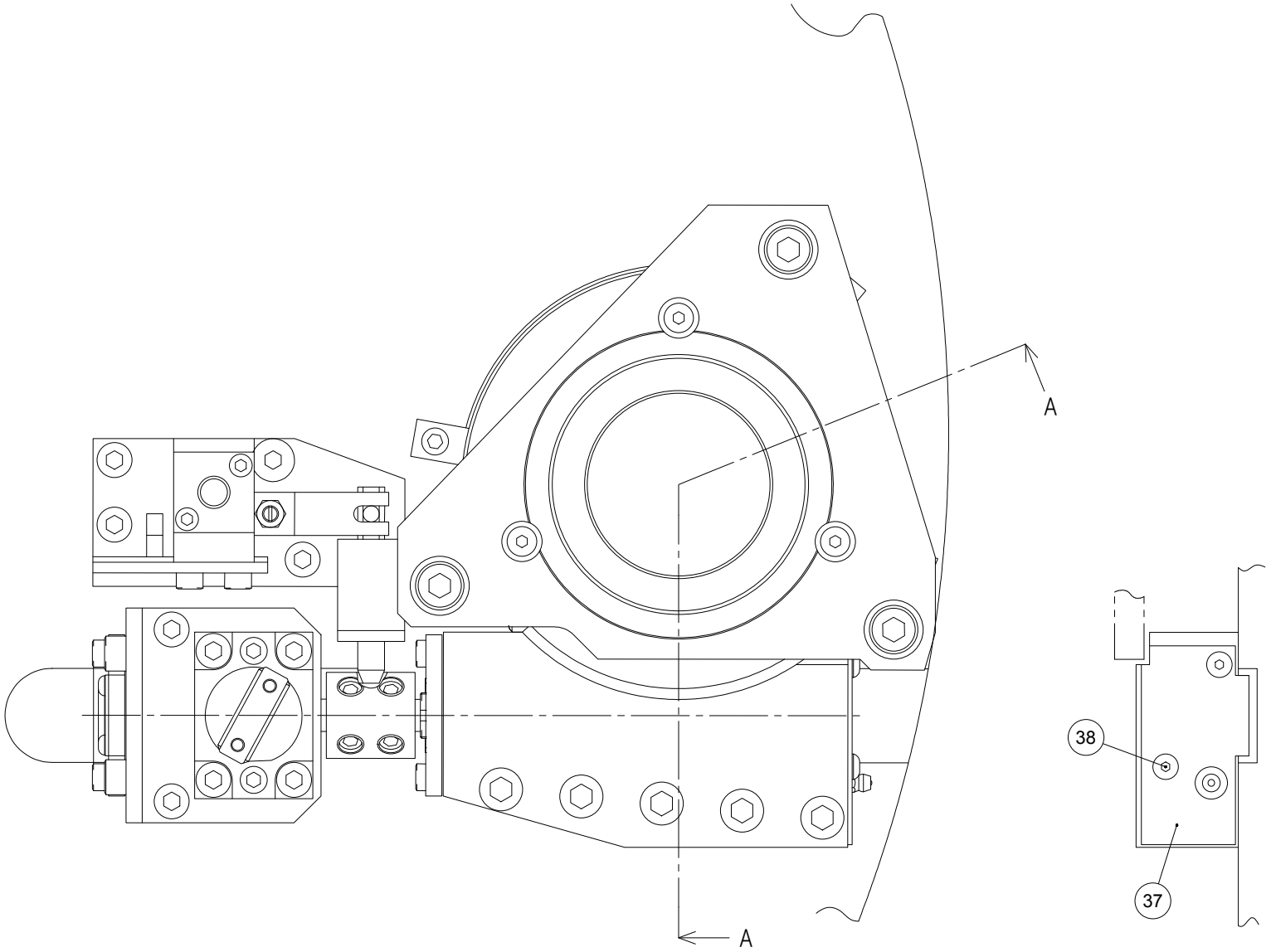
1 Worm Housing L1 ASSY
MA00859---

Unit No. 271 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

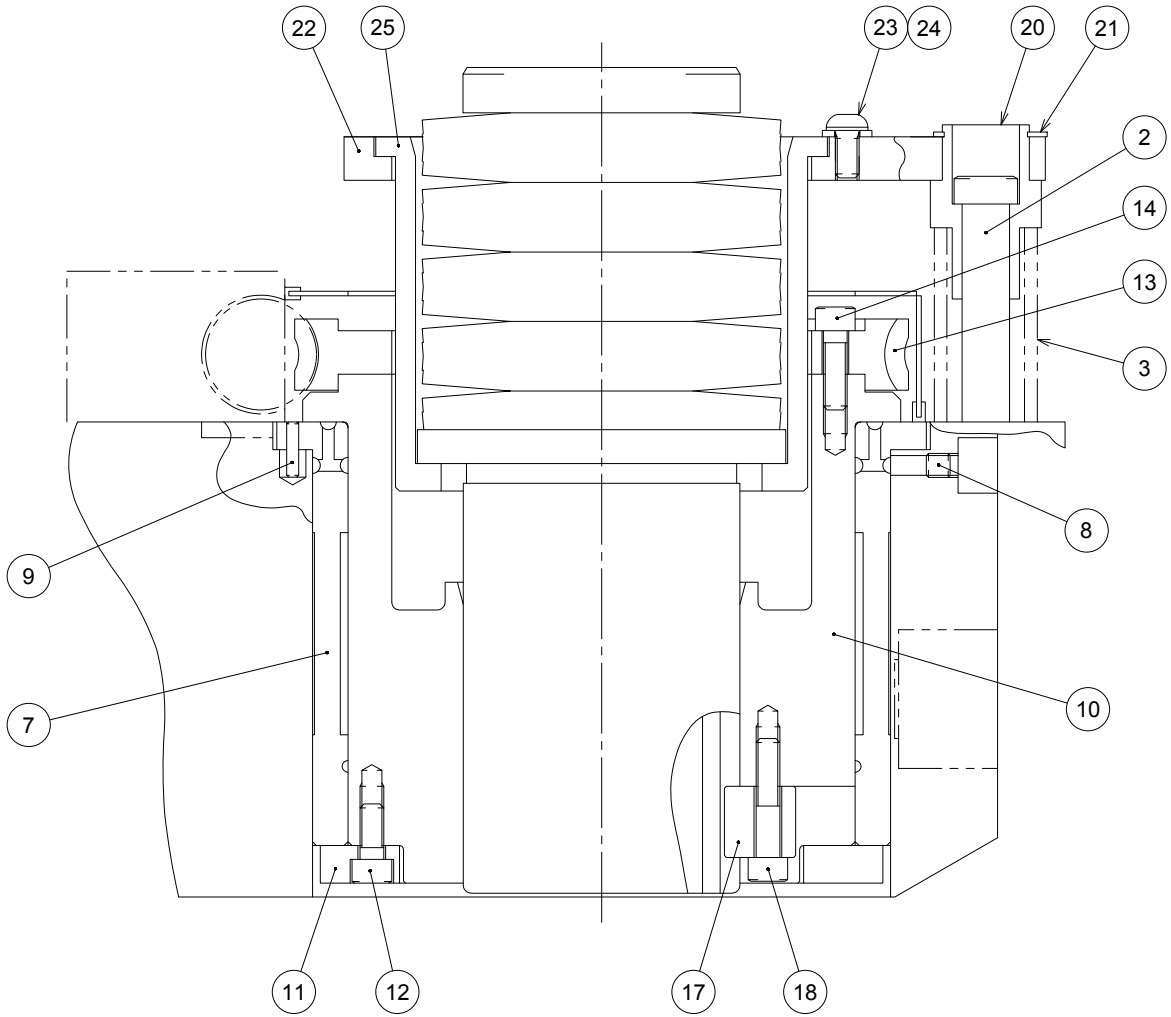
Unit No. 271 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



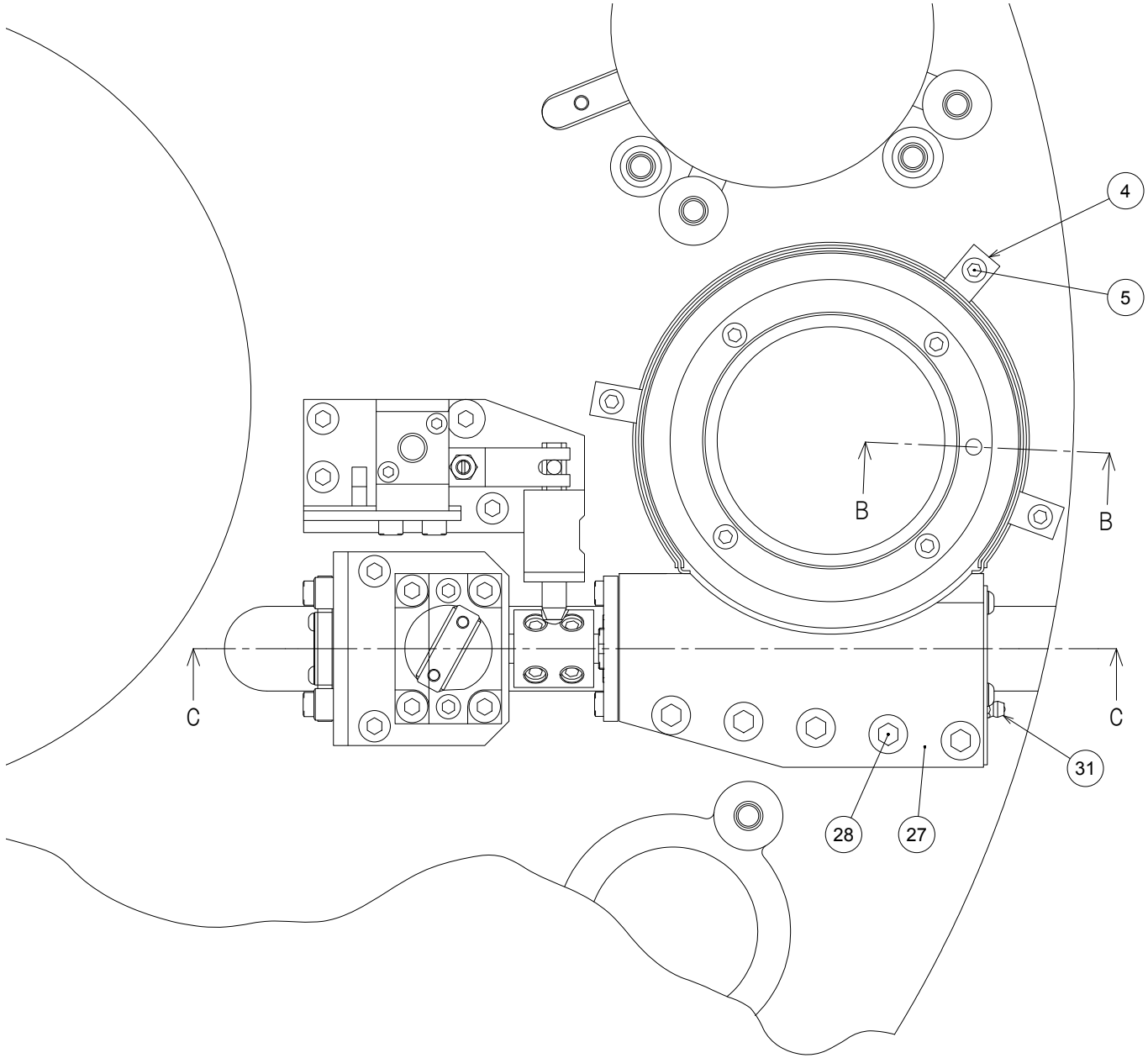
(1) 2″AI Turret ASSY Upper (6) Bearing Holder U2 ASSY (19) Link Holder U2 ASSY (26) Worm Housing U2 ASSY

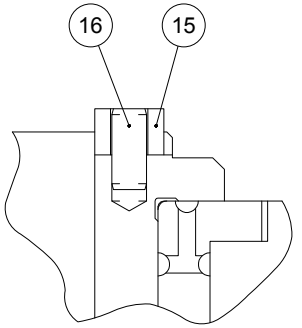
6875450 B



SECTION A-A

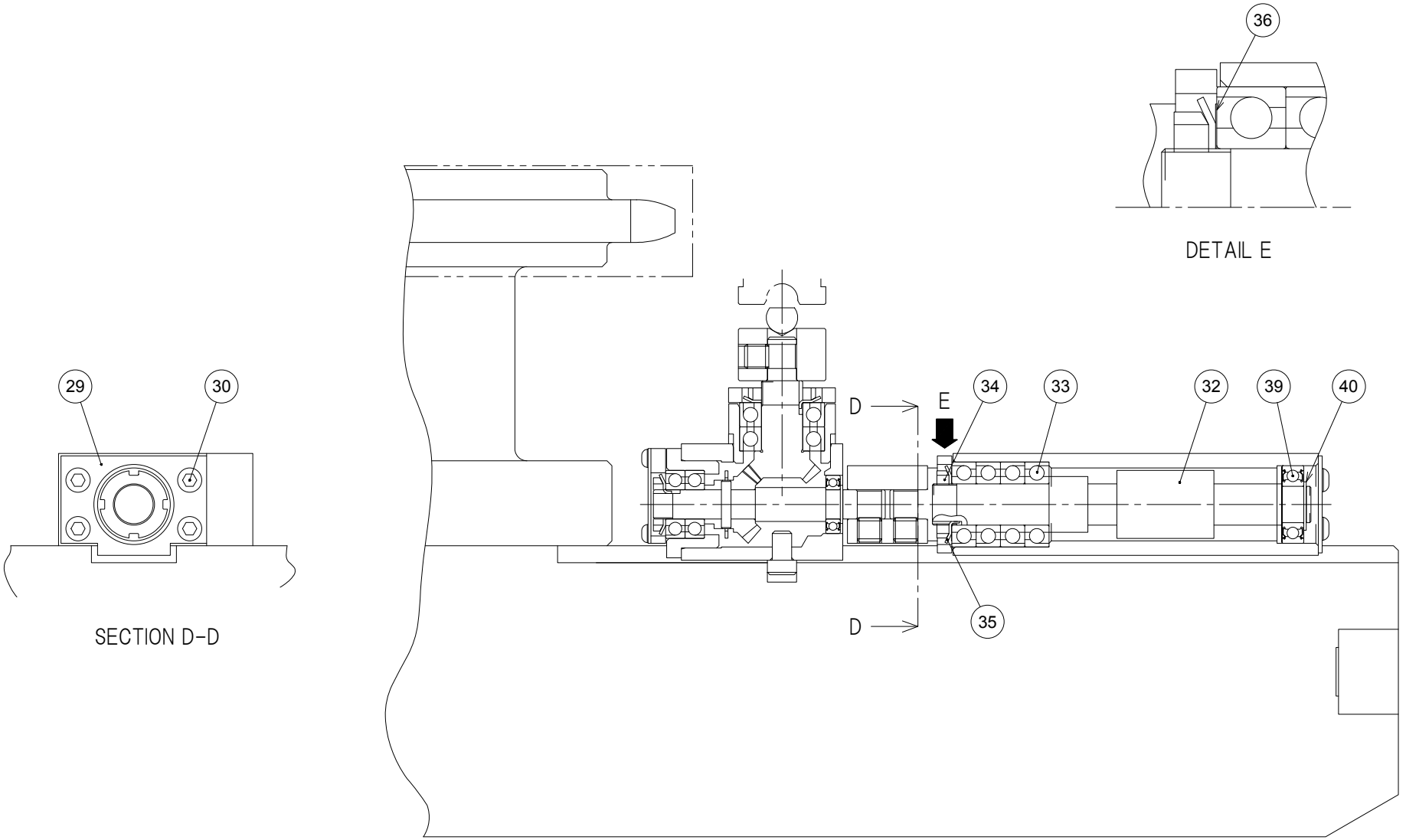
6875450 B





SECTION B-B

6875450 B


36
DETAIL E
29
30
SECTION D-D
D
E
34
33
32
39
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D
35
SECTION C-C
6875450 B

Unit No. 272 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875450 B	2"AI Turret ASSY Upper	Index 2-40	2
2	74569846 3204978	Shoulder Screw		3
3	74569847 3200854	Spring 1/2"1-1/4"2"		3
4	74570173 6820190	Wheel Cover 2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
6	74901358 6875451	Bearing Holder U2 ASSY	Index 7-18	1
7	74389425 7830310 A	Guide Bushing Upper		1
8	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
9	74314911 P337030013	Spring Pin JIS	3X14AW	1
10	74577604 6820185 A	Guide Holder		1
11	74312664 0812308	Seal Retainer		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

Unit No. 272 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2"AI Turret ASSY Upper>

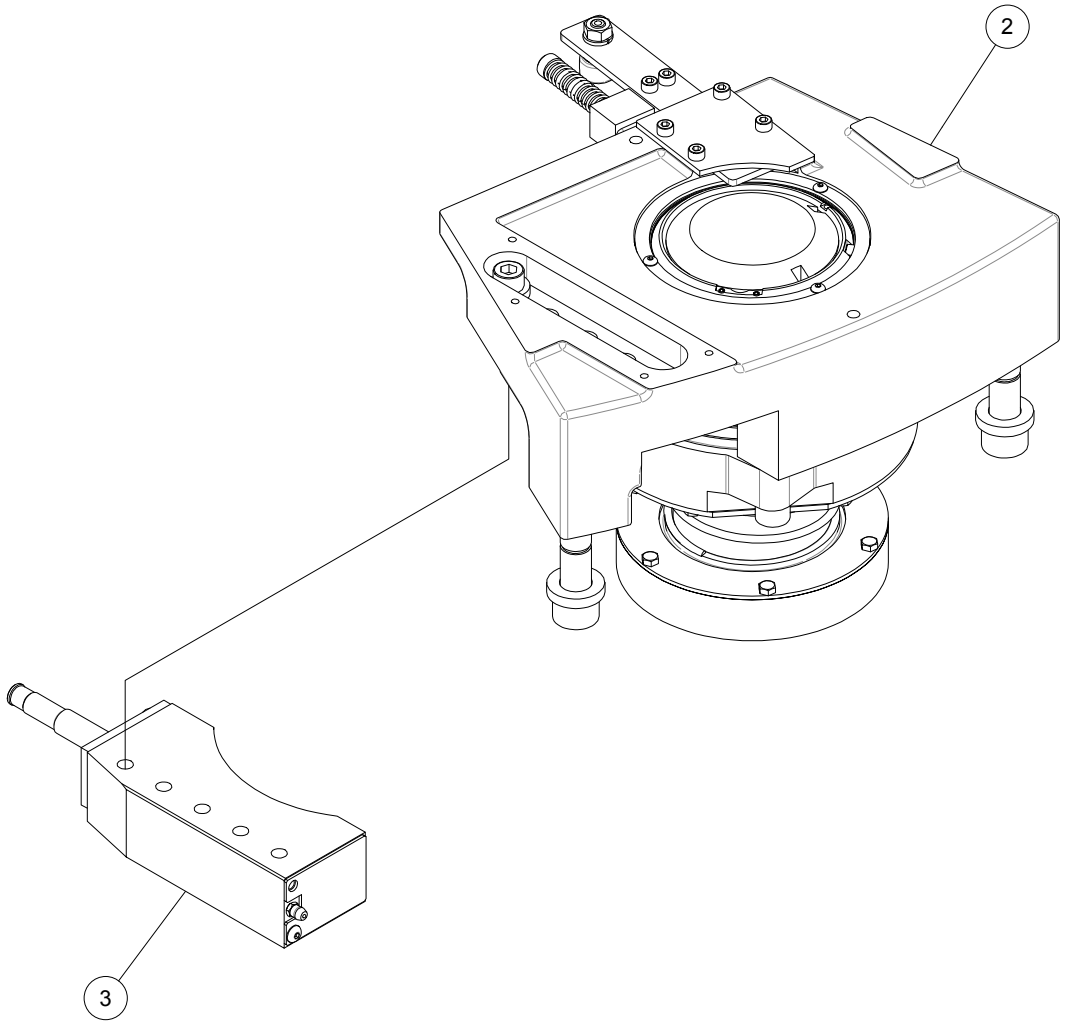
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74416401 0812301 A	Worm Wheel Upper		1
14	74183612 P330223023	Hex Socket Cap Screw SPS/UNBRAKO	M6X20LOC-WEL	4
15	74313917 0822421 A	Wheel Key Type-1		1
16	74314916 P337030055	Spring Pin JIS	6X14AW	1
17	74570169 6820186	Guide Key		1
18	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
19	 6875452	Link Holder U2 ASSY	 Index 20-25	1
20	74570170 6820187	Lifter Collar 2"		3
21	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3
22	74570171 6820188	Link Holder 2"		1
23	74183309 P334500014	Button Head Screw JIS	M6X12	3
24	74732449 0821819 A	Washer M6		3

Unit No. 272 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570172 6820189	Lifter Ring 2"		1
26	74901359 6875453	Worm Housing U2 ASSY	Index 27-40	1
27	74570174 6820191	2" Worm Housing U		1
28	74183644 P330240012	Hex Socket Cap Screw	M10X50	5
29	74570135 6575856 A	Bearing Retainer E		1
30	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
31	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
32	74570175 6575857 A	Worm Shaft 2"		1
33	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
34	74183501 P406030002	Lock Nut JIS	AN-03	1
35	74183510 P406040002	Locking Washer JIS	AW-03	1
36	74313812 0822398	Seal		1

Unit No. 272 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74813214 6875454	Cover		1
38	74355302 P334500041	Button Head Screw	M5X15	2
39	74310515 P400010006	Deep Groove Ball Bearing JIS	6002ZZ	1
40	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1

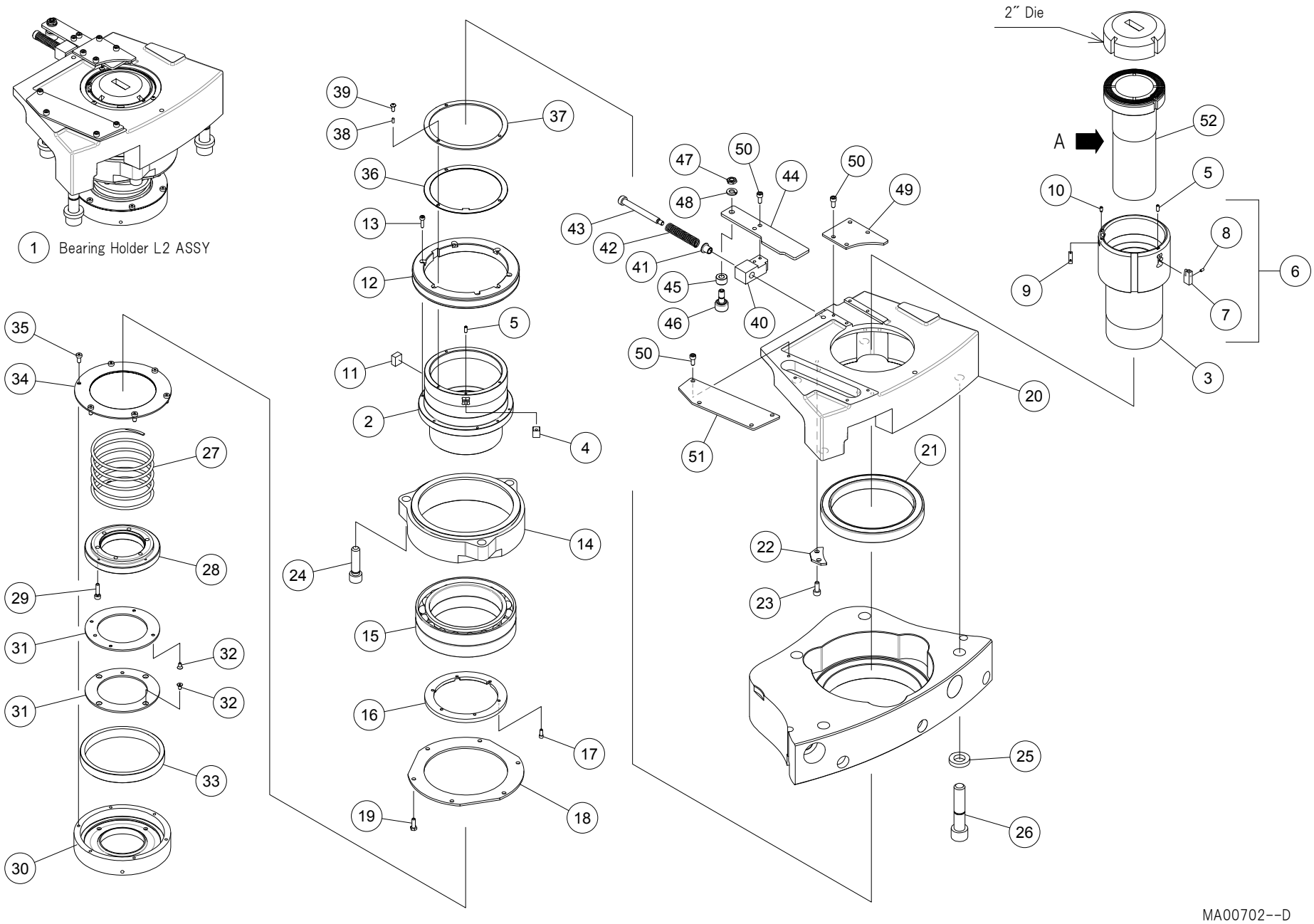


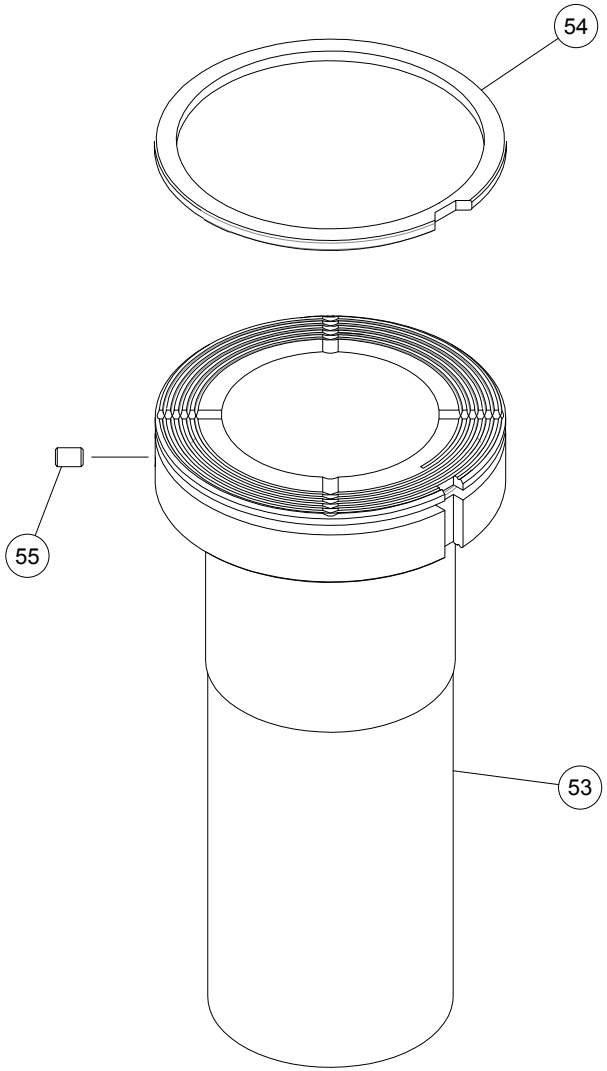
(1) 2″AI Turret ASSY Lower

MA00701---

Unit No. 273 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00701---	2"AI Turret ASSY Lower	Index 23	2
2	74403010 / MA00702--D	Bearing Holder L2 ASSY		1
3	74901366 / MA00710---	Worm Housing L2 ASSY		1


1 Bearing Holder L2 ASSY
2" Die
A
MA00702--D



DETAIL A

(52) Ejector Pipe Kit 2

MA02413---

Unit No. 274 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403010 MA00702--D	Bearing Holder L2 ASSY	Index 2-55	1
2	74403011 MA00688--C	Lifter Holder 2AI		1
3	74403012 MA00689--B	Lifter Pipe 2AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	2
6	74901434 SPT0118---	2"AI Die Key ASSY	MA00865--AP337020007 Index 78	1
7	74901367 MA00865--A	Die Key		1
8	 P337020007	Parallel Pin JIS	A-3X6	1
9	74403013 MA04973---	Pipe Stopper Plate		1
10	74379606 P330570006	Socket Set Screw JIS	M4X8(Long Dog Point)	2
11	74563180 6570465	2" Lower Wheel Key		1
12	74901368 MA00866--A	Worm Wheel Lower		1

Unit No. 274 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
14	74901362 MA00690---	Bearing Holder L 2AI		1
15	74900890 P404024082	Complex Bearing NTN	7921UADDB/GLP5	1
16	74901380 MA04923---	Flange		1
17	74900888 P330207014	Hex Socket Cap Screw MISUMI	SBB4-10	6
18	74901381 MA04924---	Bearing Stopper Lower		1
19	74776725 P330010004	Bolt	M5X15	6
20	74901370 MA02535--B	Die Spacer 2		1
21	74900889 P400017067	Deep Groove Ball Bearing NSK	6824ZZ	1
22	74901369 MA02521---	Stopper Piece		4
23	74183608 P330220006	Hex Socket Cap Screw	M6X15	8
24	74183658 P330250008	Hex Socket Cap Screw	M12X45	3

Unit No. 274 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L2 ASSY>

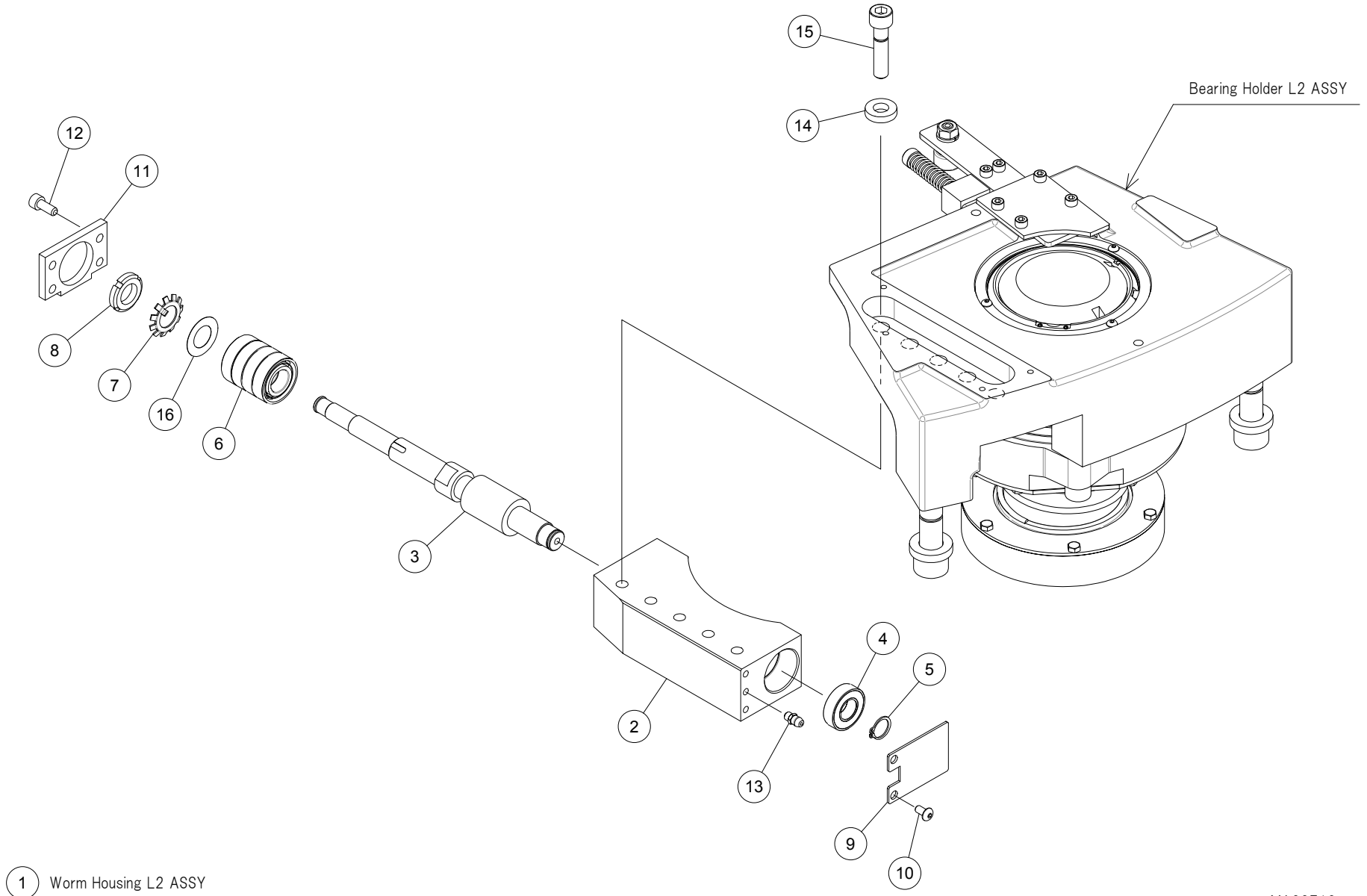
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303705 6012794	Washer M16		4
26	74302824 P330260039	Hex Socket Cap Screw MOURI	M16X75	4
27	74901363 MA00695---	Return Spring 2AI		1
28	74901364 MA00697--B	Lifter Ring 2AI		1
29	74314404 P330210009	Hex Socket Cap Screw	M5X20	6
30	74403014 MA00698--B	Lifter Ring Holder 2AI		1
31	74901365 MA00706--A	Slip Plate 2AI OILES Industry		2
32	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
33	74900417 MA00852---	Slip Ring		1
34	74403015 MA00696--A	Ring Stopper 2AI		1
35	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
36	74901361 MA00687--A	Cover Seal 2AI		1

Unit No. 274 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74901360 MA00686--A	Cover Seal Retainer 2AI		1
38	74900358 MA00562---	Screw Stopper		3
39	74535012 P334500005	Button Head Screw	M4X10	3
40	74900448 MA01285---	Guide Holder		1
41	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
42	74900347 MA00287---	Spring		1
43	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
44	74901374 MA03330--B	Slide Stopper 2AI		1
45	74900447 MA01284---	Color 3-1/2"		1
46	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
47	74722743 P332000018	Nut JIS	M8(Thin)	1
48	74183103 P336050006	Spring Washer JIS	8	1

Unit No. 274 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74901375 MA03331--A	Slide Stopper Holder 2AI		1
50	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
51	74901371 MA02536---	Top Cover 2		1
52	74900466 MA02413---	Ejector Pipe Kit 2	 Index 53-55	1
53	74900343 MA00268---	Ejector Pipe 2"		1
54	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1
55	 7421419	Pin 1-1/4"		1


15
14
Bearing Holder L2 ASSY
12
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16
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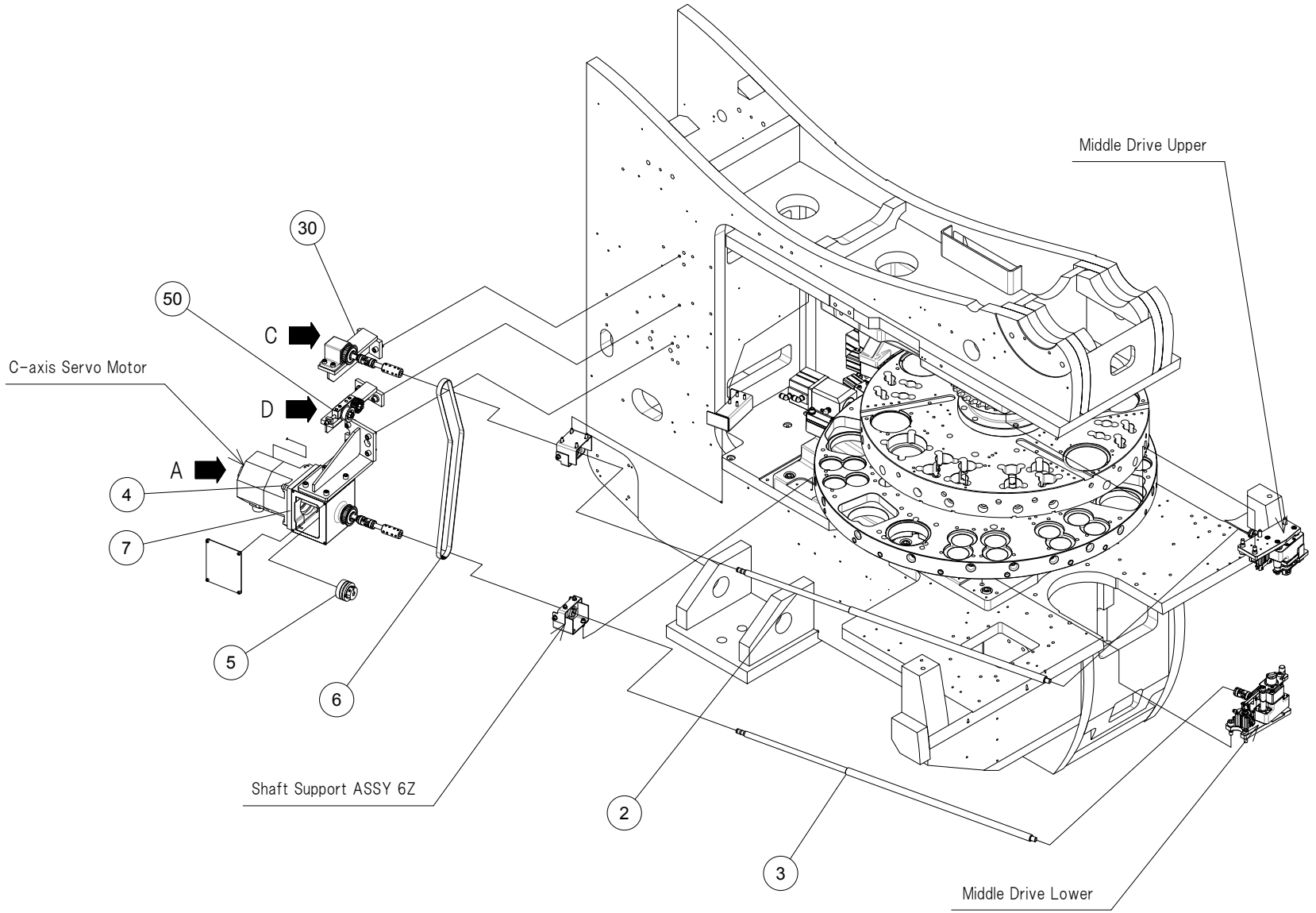
4
5
13
9
10
1 Worm Housing L2 ASSY
MA00710---

Unit No. 275 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901366 MA00710---	Worm Housing L2 ASSY	Index 2-16	1
2	74901372 MA02537---	Worm Housing L2		1
3	74570181 6536142 A	Worm Shaft 2"		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
7	74183510 P406040002	Locking Washer JIS	AW-03	1
8	74183501 P406030002	Lock Nut JIS	AN-03	1
9	74901373 MA02538---	Cover 2		1
10	74183302 P334500013	Button Head Screw	M6X10	2
11	74570135 6575856 A	Bearing Retainer E		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

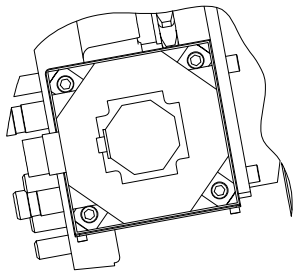
Unit No. 275 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Worm Housing L2 ASSY>

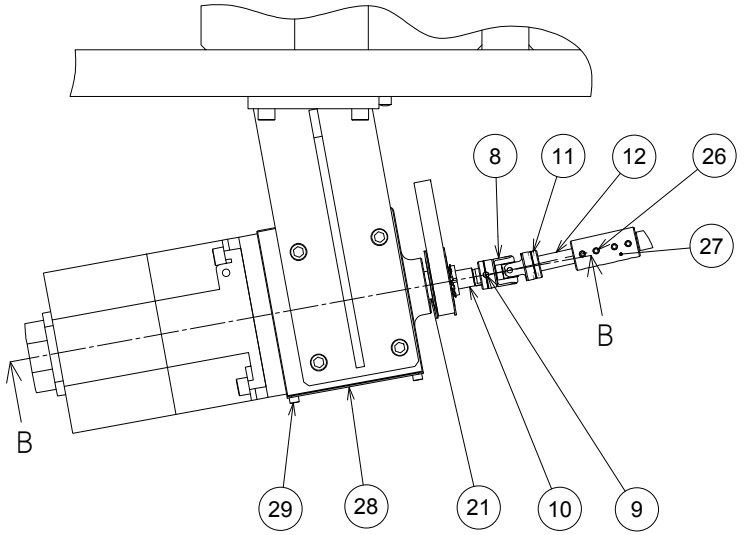
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
14	74165309 0827013 B	Washer M10		5
15	74183643 P330240011	Hex Socket Cap Screw	M10X45	5
16	74313812 0822398	Seal		1

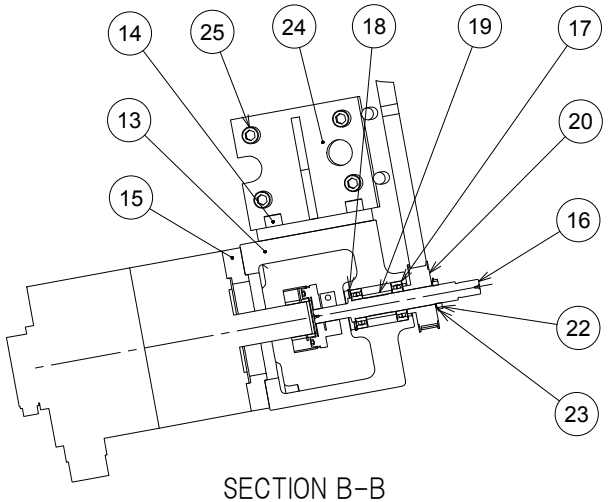


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





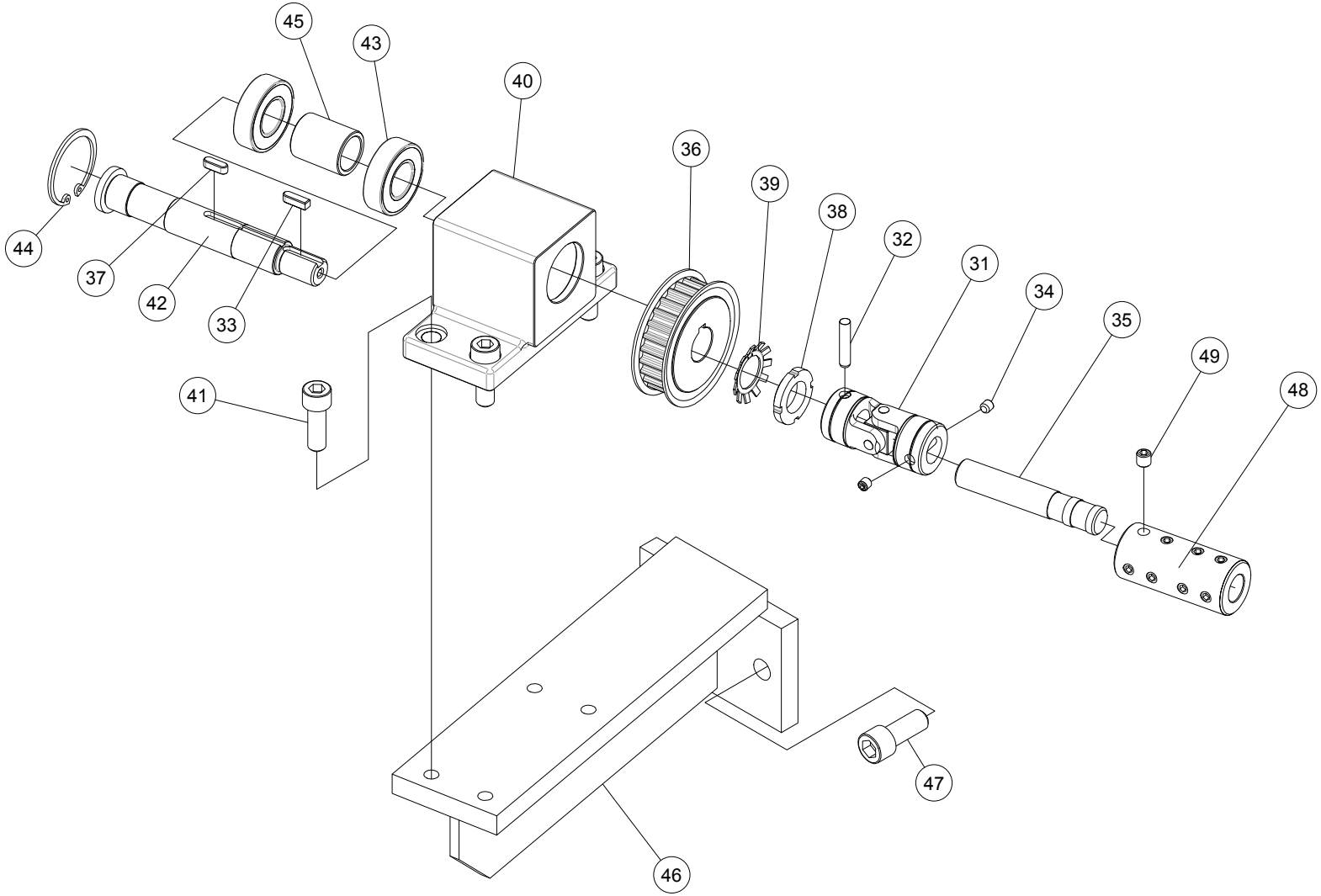


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

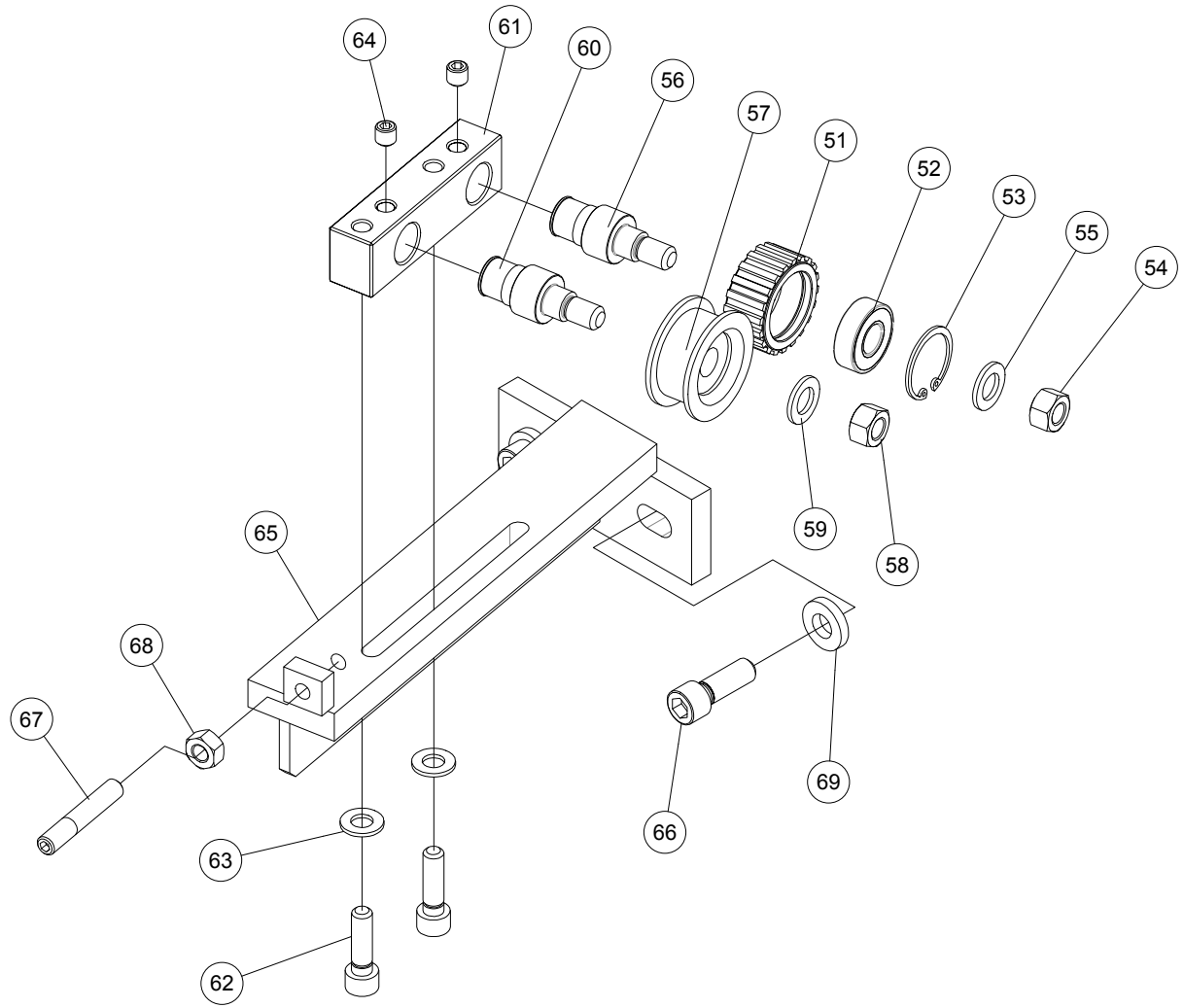
CE01746---
(MA00868#2-)



DETAIL C

(30) C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

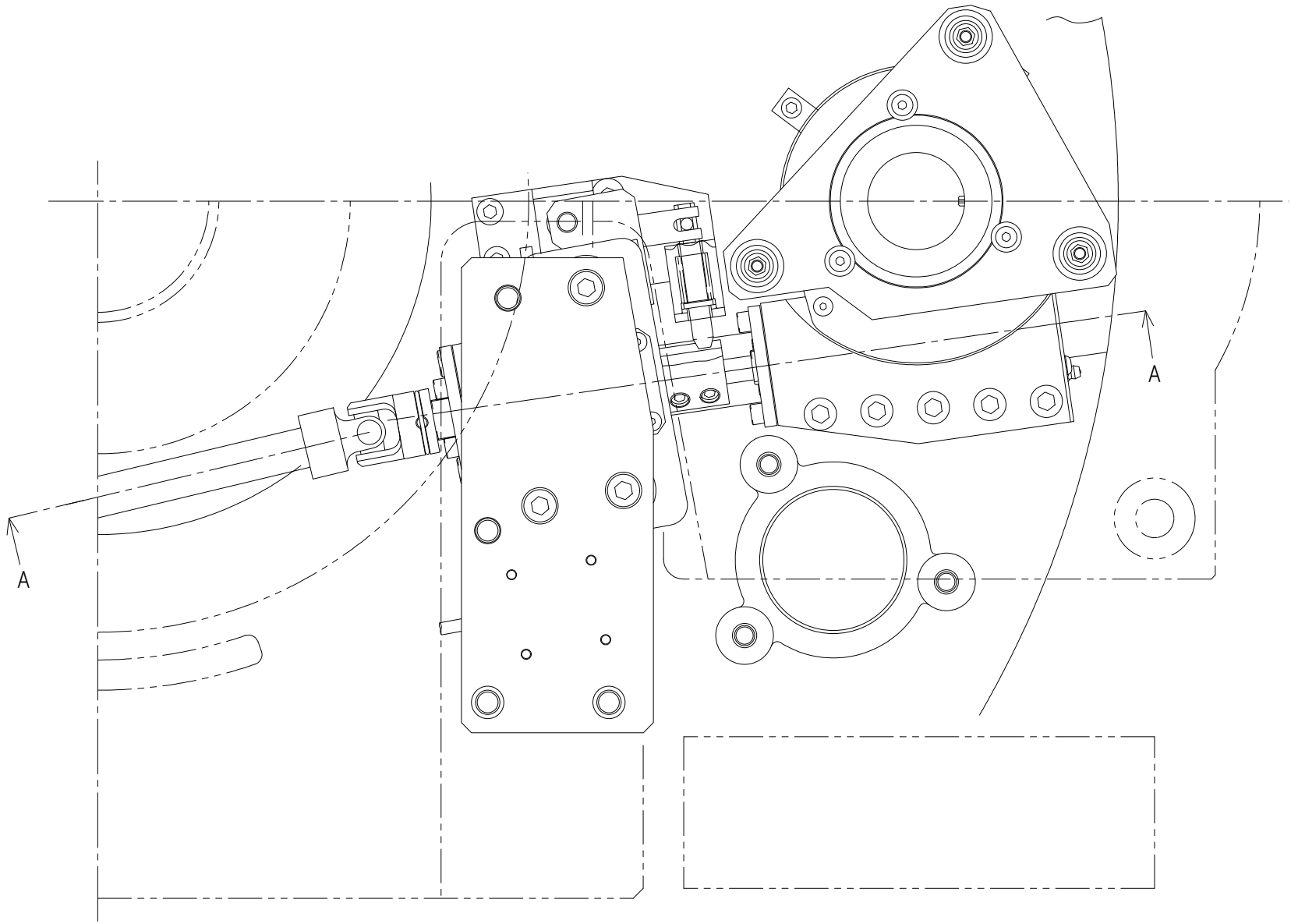
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

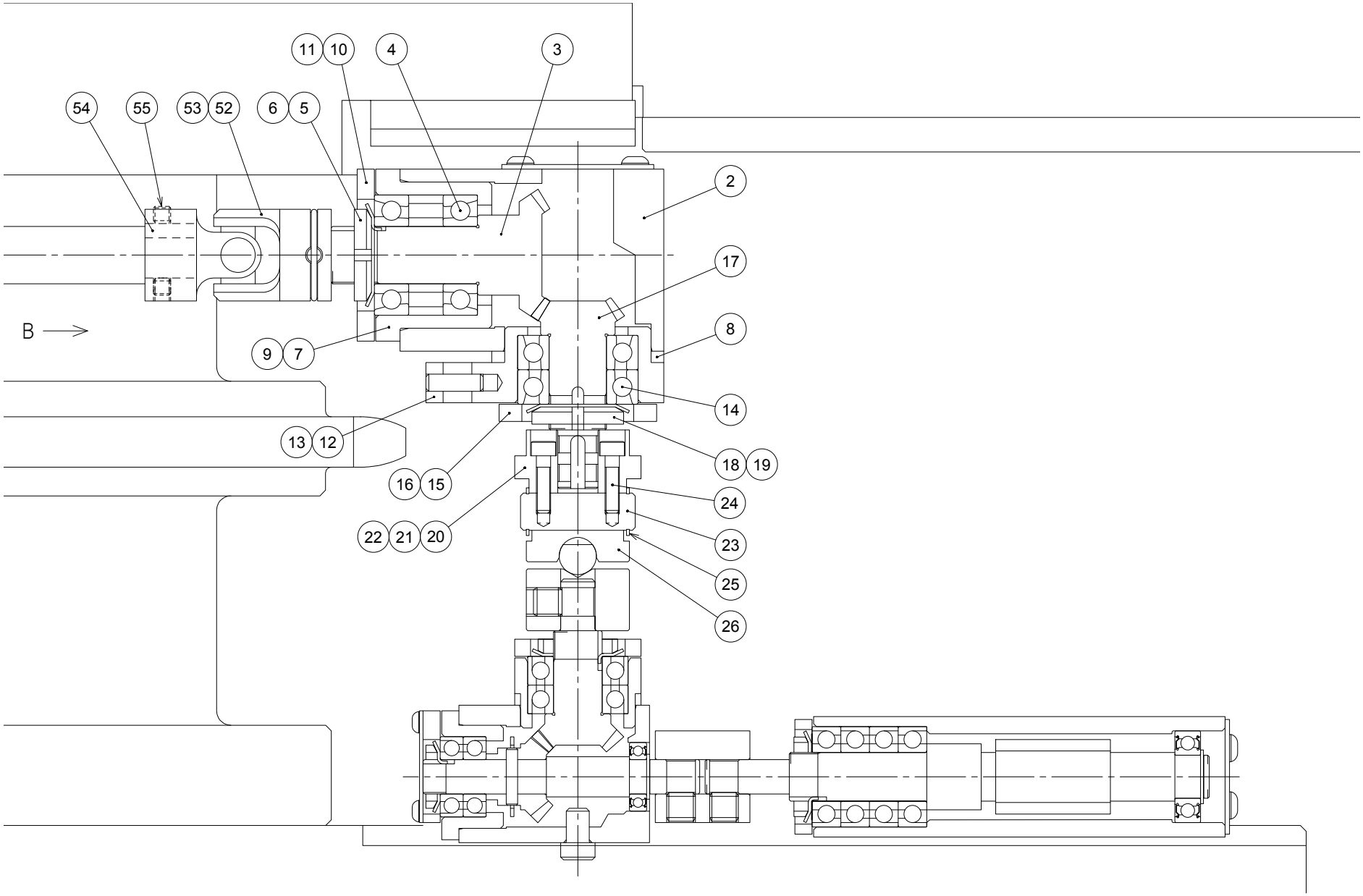
Unit No. 276 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



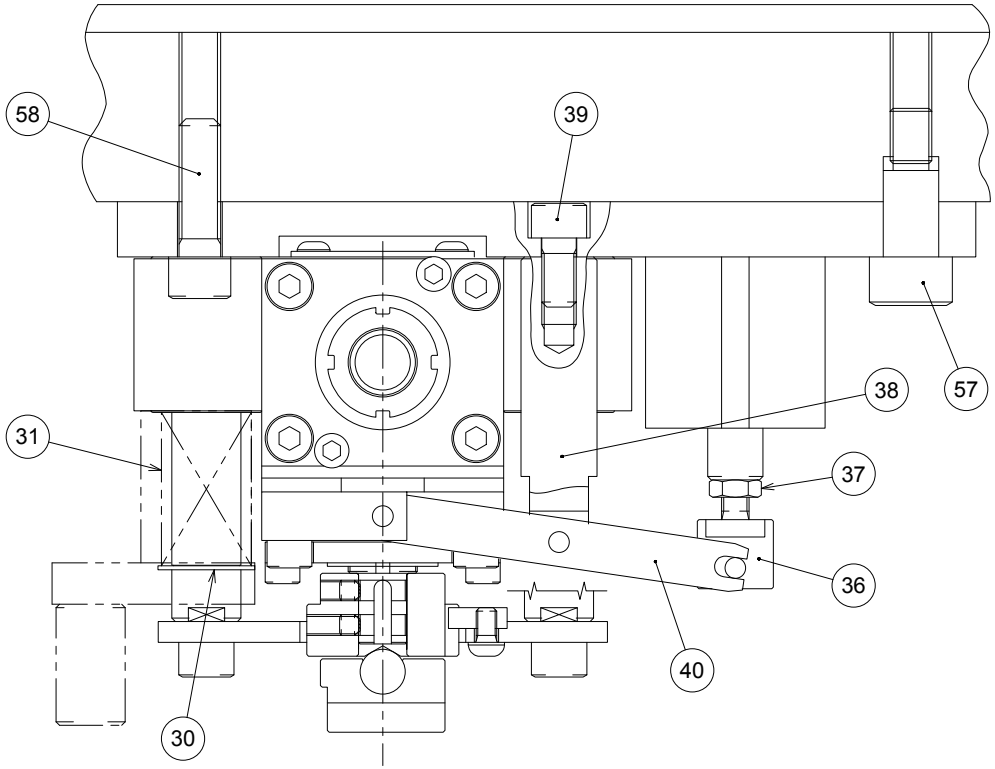
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

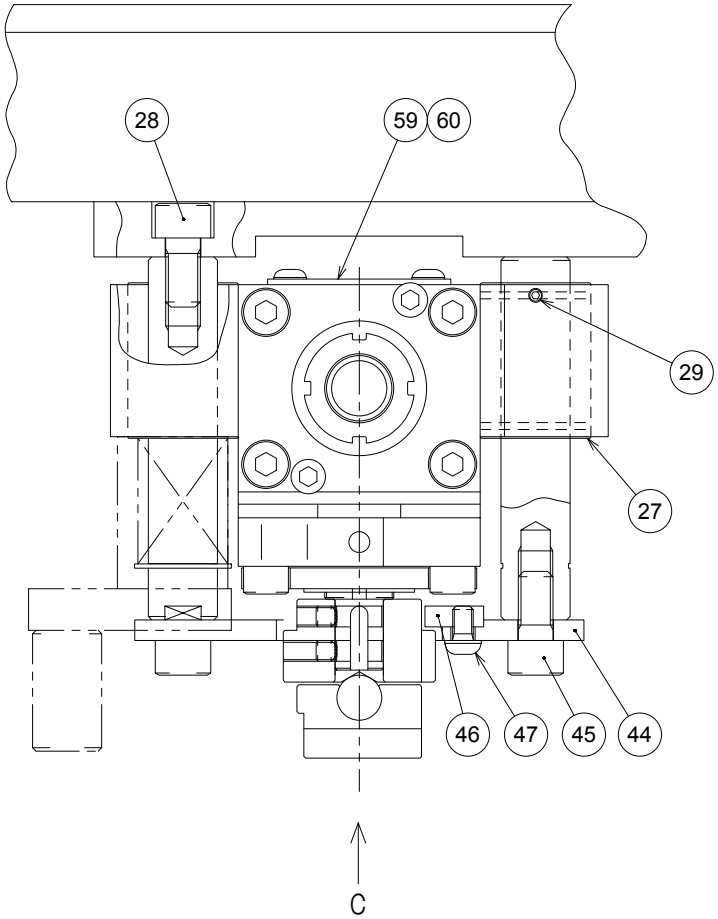


SECTION A-A

MA03077---
(6875435 B)

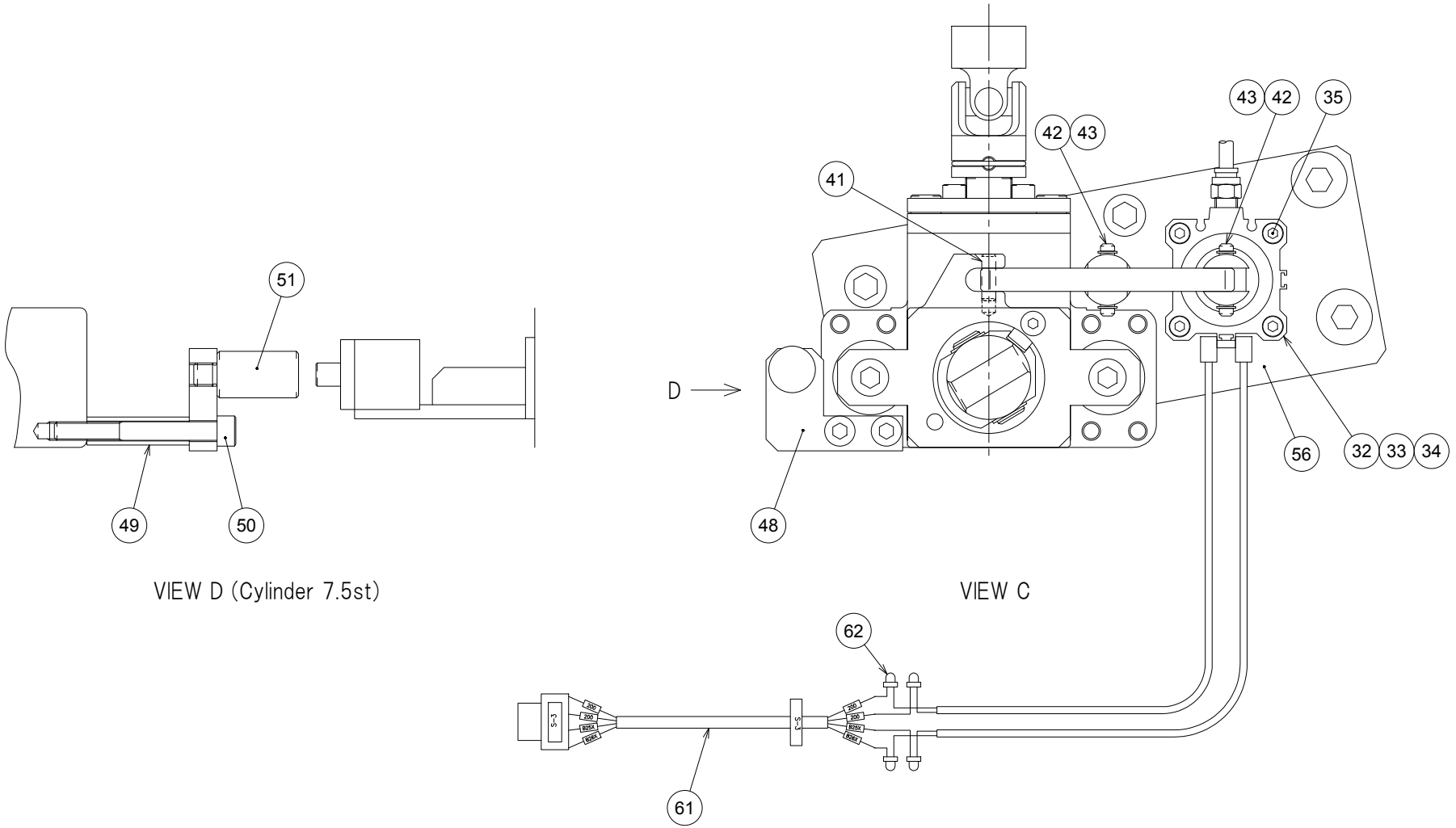


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 6813135 D	Gear Box		1
3	74382635 6575823	Drive Bevel Gear		1
4	74565993 7830606	Ball Bearing Set NSK	EPBA20-13DB+KL12	1
5	74183502 P406030003	Lock Nut JIS	AN-04	1
6	74183512 P406040003	Locking Washer JIS	AW-04	1
7	74570104 6813136 A	Unit Case		1
8	74384527 6502897 B	Gear Adjusting Collar		2
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 6813137	Bearing Retainer A		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74570106 6813139 A	Point Case Upper		1

Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

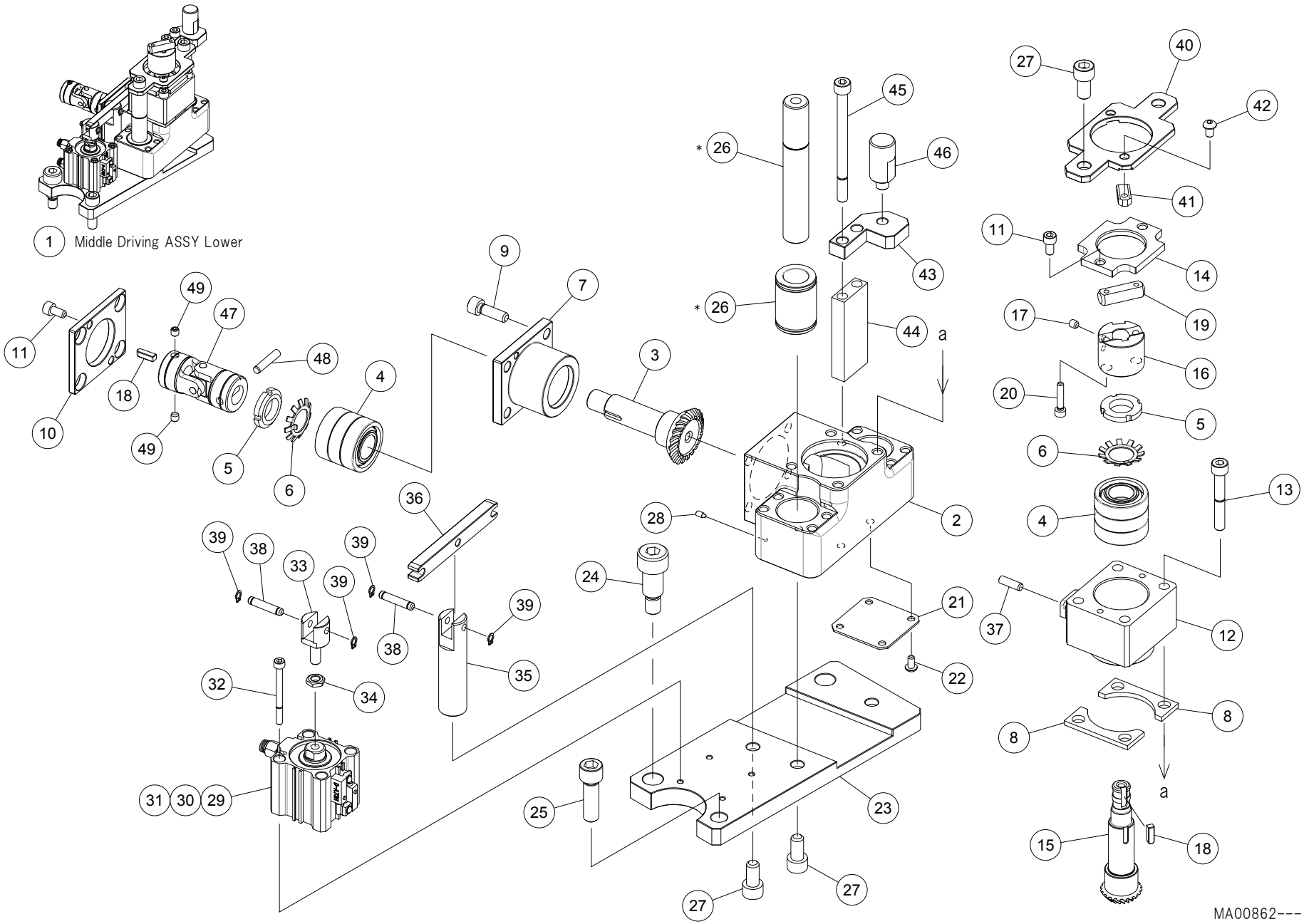
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

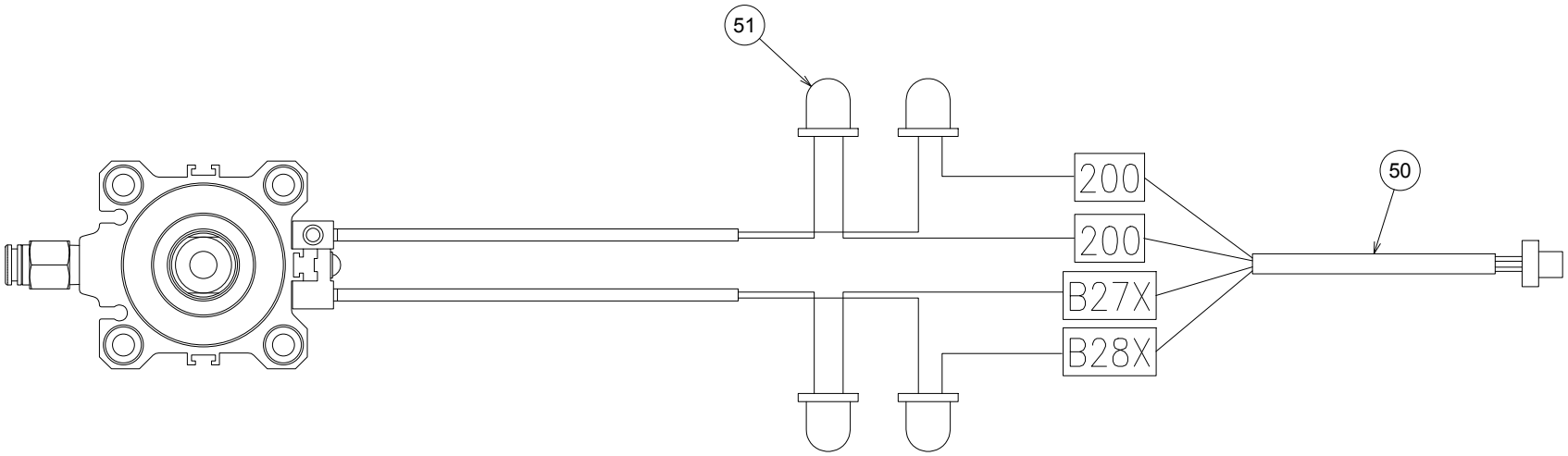
Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 277 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483 MA03061---	Cable S-3	 (SQ6364)	1
62	74382938 P869150001	Terminal JIS	CE-1	4


1 Middle Driving ASSY Lower
MA00862---



MA00862---

Unit No. 278 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 MA00862---	Middle Driving ASSY Lower	 Index 2-51	1
2	74416391 6813135 D	Gear Box		1
3	74382635 6575823	Drive Bevel Gear		1
4	74565993 7830606	Ball Bearing Set NSK	EPBA20-13DB+KL12	2
5	74183502 P406030003	Lock Nut JIS	AN-04	2
6	74183512 P406040003	Locking Washer JIS	AW-04	2
7	74570104 6813136 A	Unit Case		1
8	74384527 6502897 B	Gear Adjusting Collar		2
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 6813137	Bearing Retainer A		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4
12	74900384 MA00664---	Point Case Lower		1

Unit No. 278 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 278 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Lower>

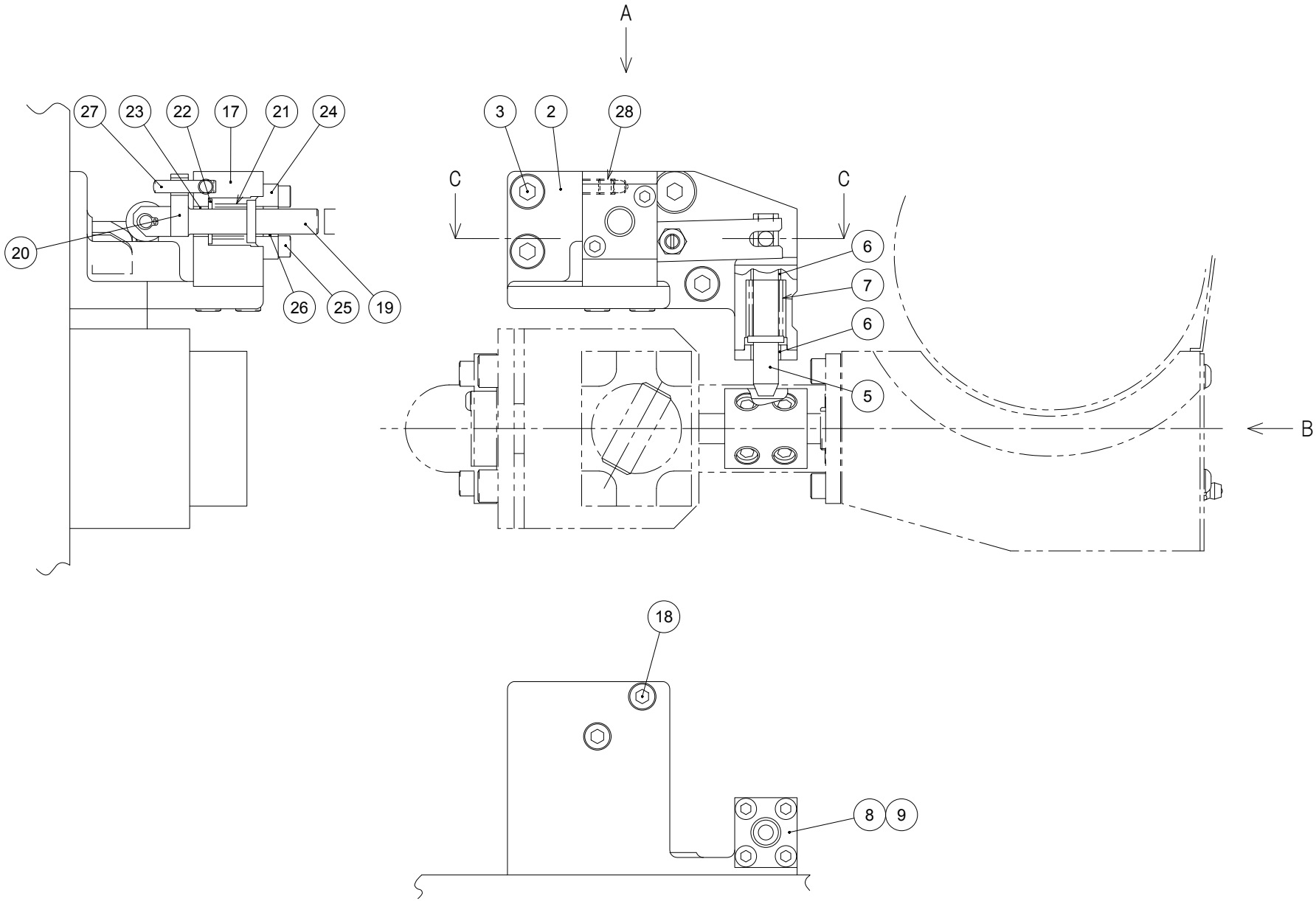
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 278 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 P337020034	Parallel Pin JIS	A-6X20	1
38	74570115 6813144	A/I Cylinder Pin		2
39	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
40	74570116 6813146	Point Plate		1
41	74570124 6813149	Key L		1
42	74183302 P334500013	Button Head Screw	M6X10	1
43	74570125 6813155	Push Rod Arm L		1
44	74900456 MA01988---	Spacer L		1
45	74183701 P330230023	Hex Socket Cap Screw MOURI	M8X105	2
46	74386766 6593236	B Rod L1		1
47	74322357 7830034	Universal Joint KYOWA		1
48	74379608 P337020036	Parallel Pin JIS	A-6X30	1

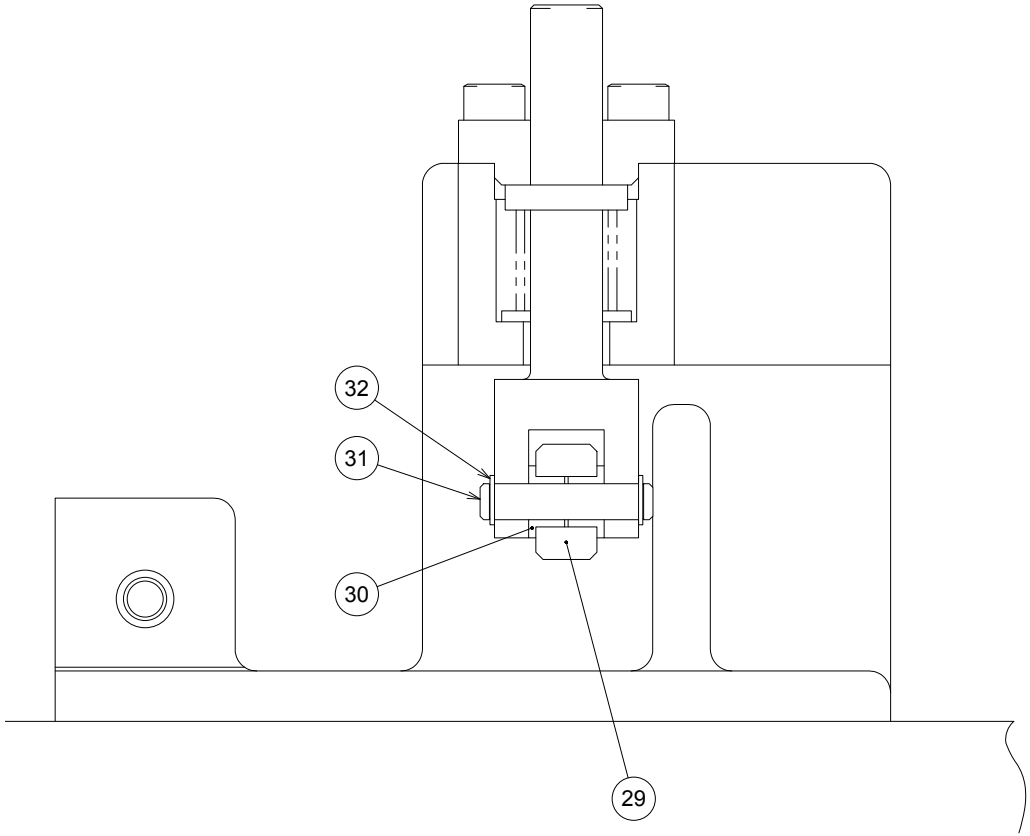
Unit No. 278 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		

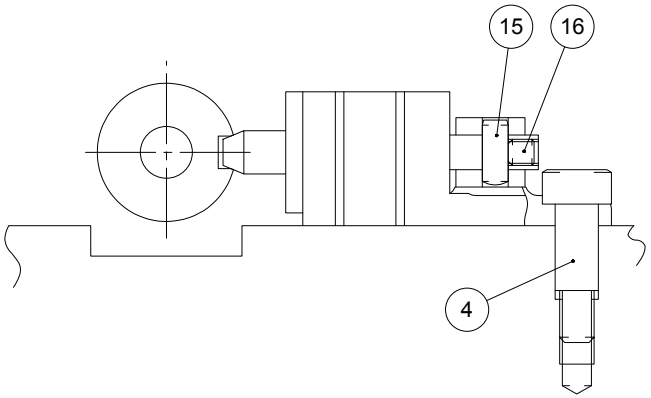


(1) Brake ASSY

7401750--G



VIEW A



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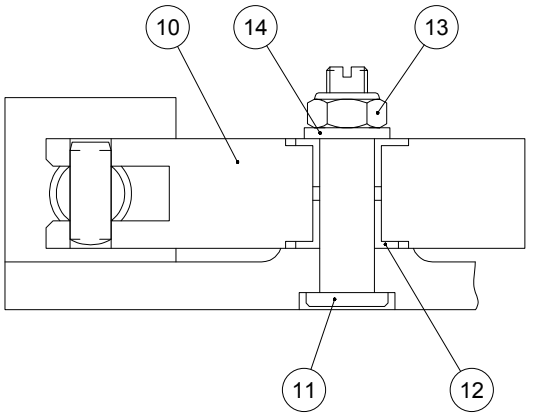


SECTION C-C

7401750--G

Unit No. 279 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

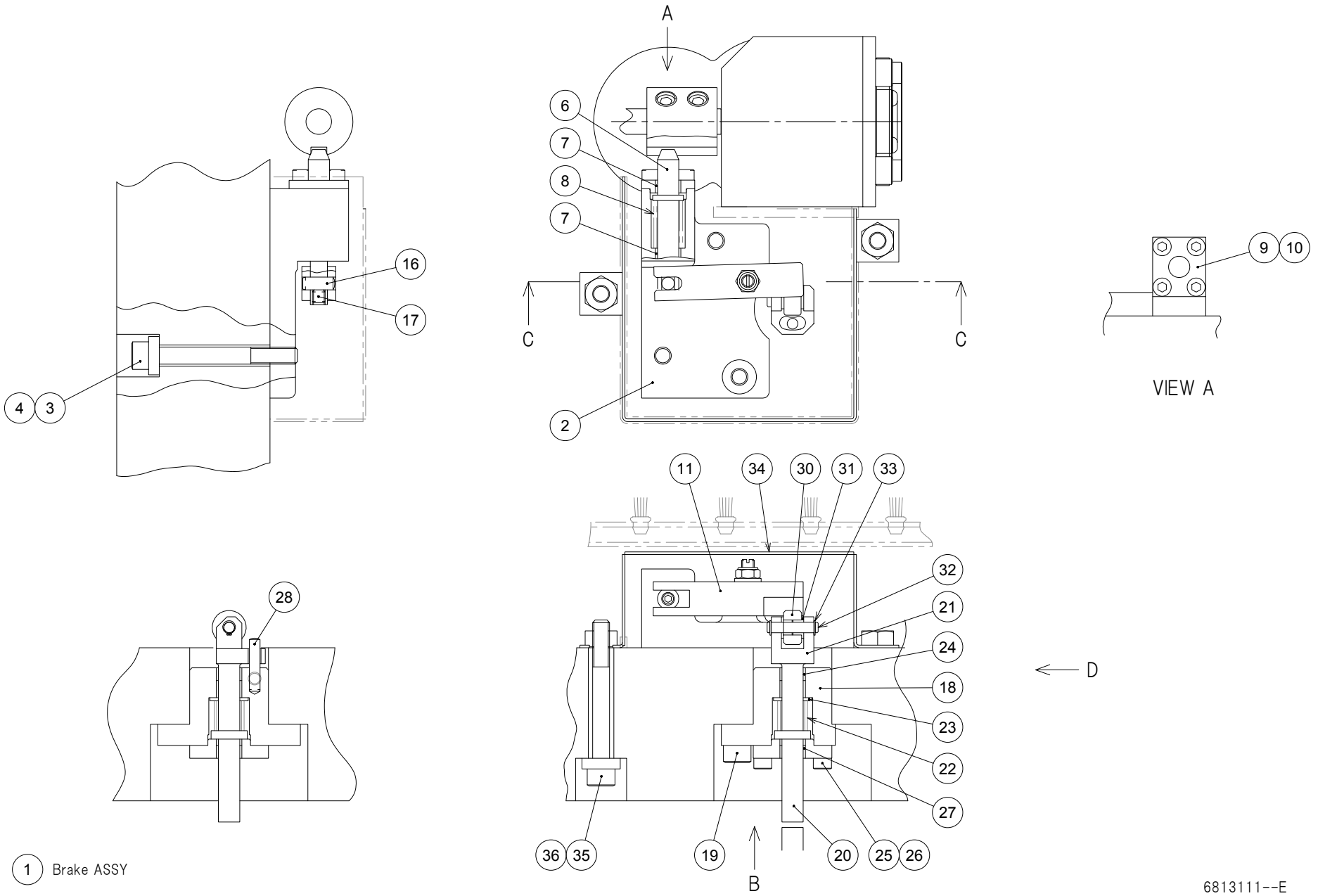
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 279 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

Unit No. 279 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300614 / P330210004	Hex Socket Cap Screw / JIS	M5X12	2
26	74570154 / P407003201	Bushing / DAIDO METAL	DUB1006	1
27	74900653 / P337020273	Parallel Pin / JIS	A-5X25	1
28	74305504 / P330550024	Socket Set Screw / JIS	M6X6(Flat Type)	1
29	74562625 / 6501998 A	Roller		1
30	74570157 / P407013073	Bushing / DAIDO METAL	DUF0504-10	2
31	74900321 / 6501992--C	Pin 2		1
32	74160219 / P406108136	Locating Snap Ring / OCHIAI	STW-5	2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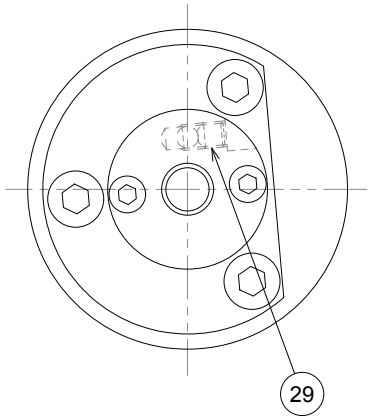
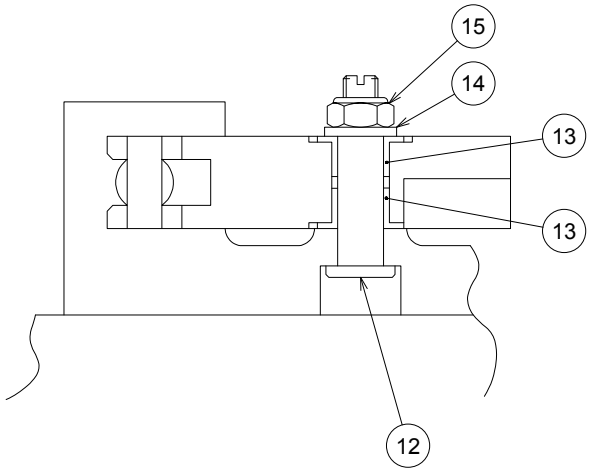
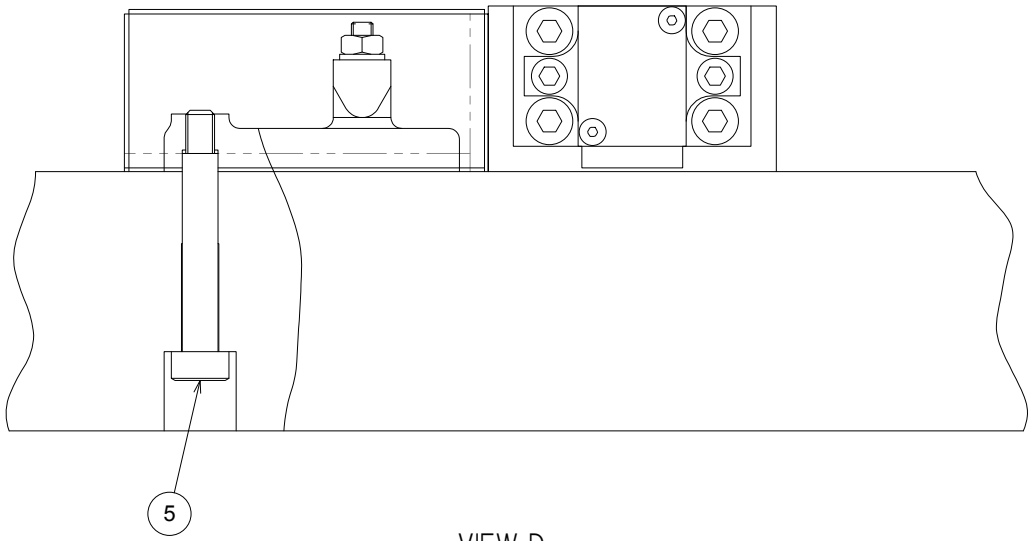
1 Brake ASSY
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 280 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

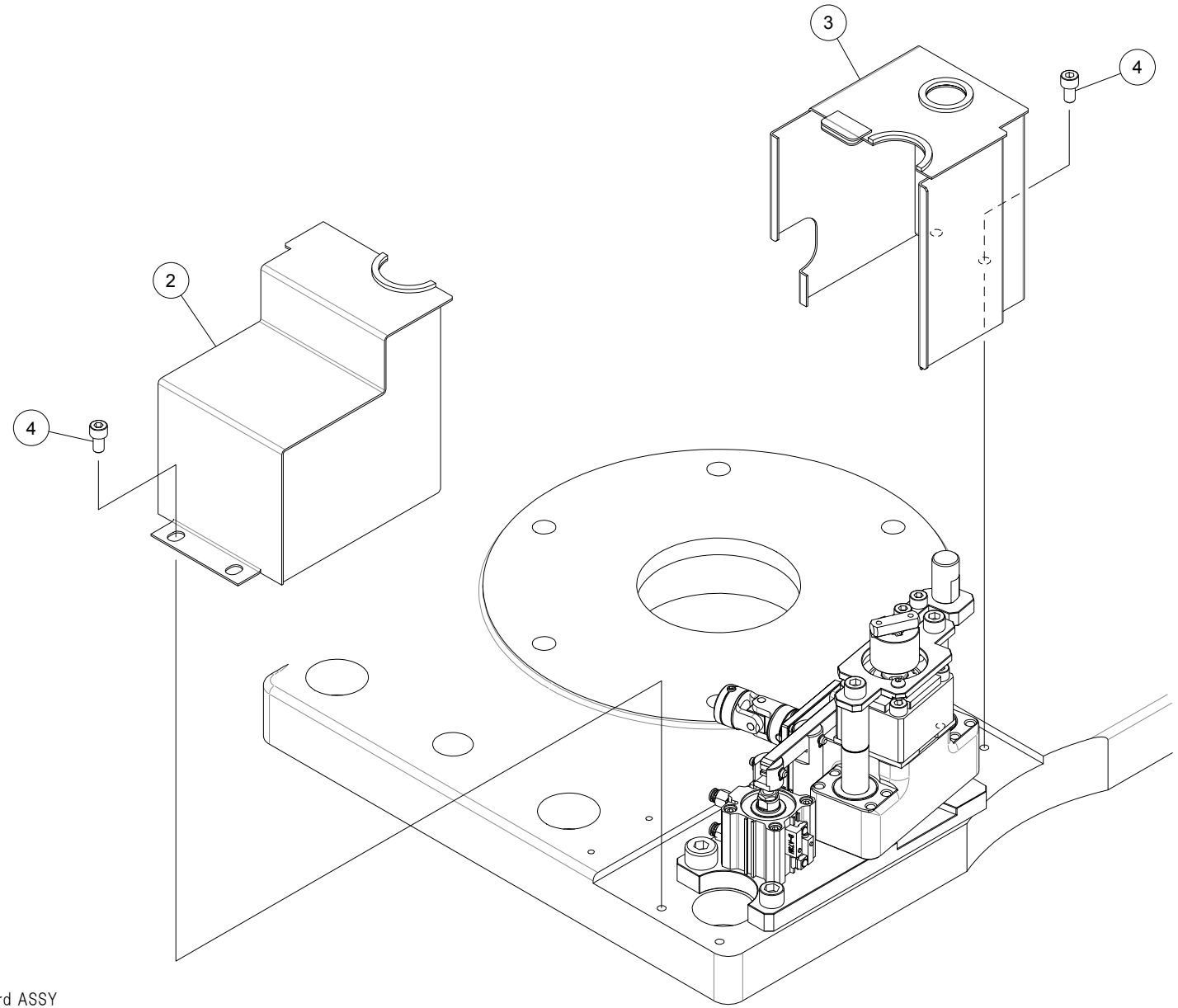
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 280 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 280 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

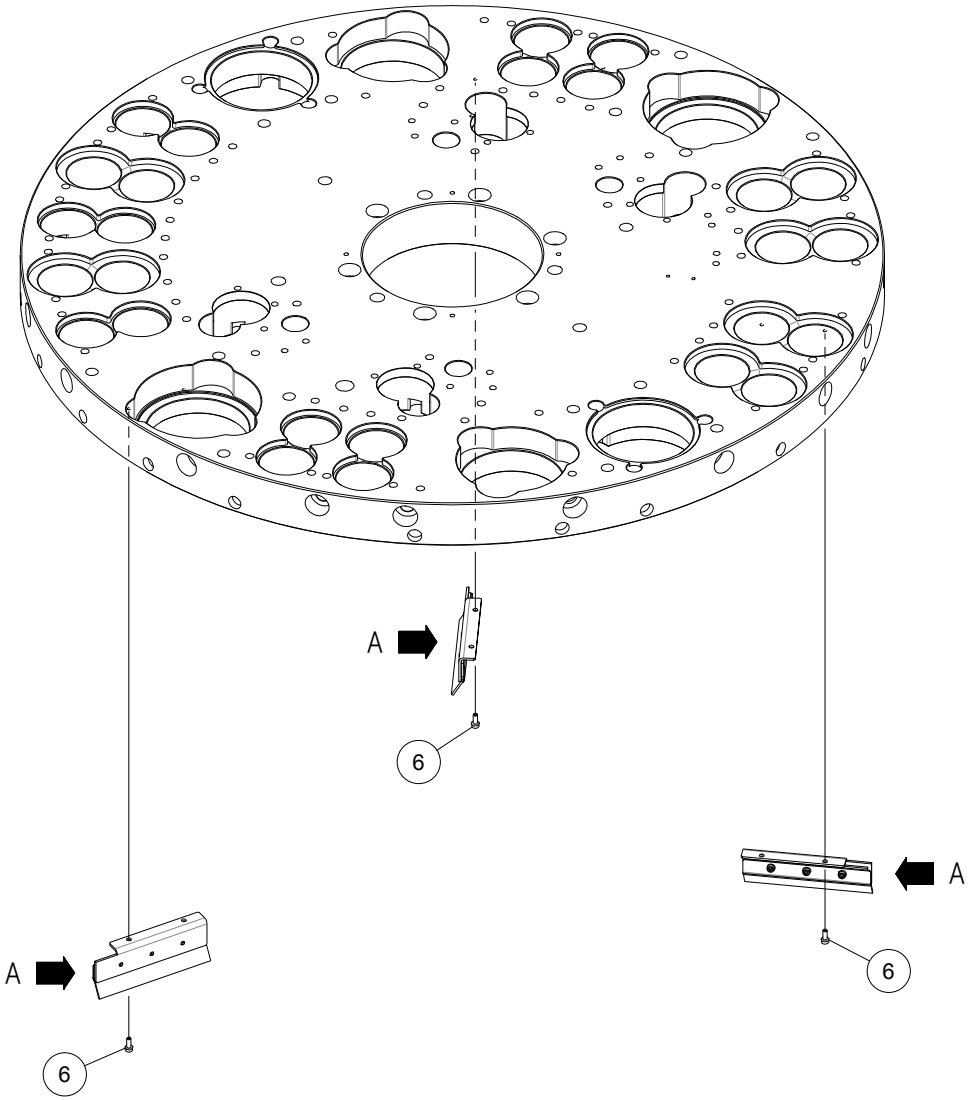


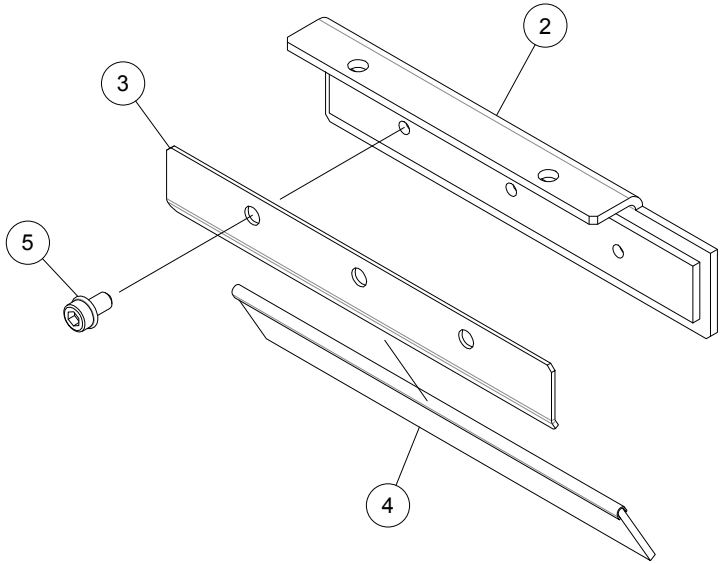
(1) Scrap Guard ASSY

MA00605---

Unit No. 281 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 / MA00728--A	Scrap Guard 1		1
3	74900405 / MA00729--A	Scrap Guard 2		1
4	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5





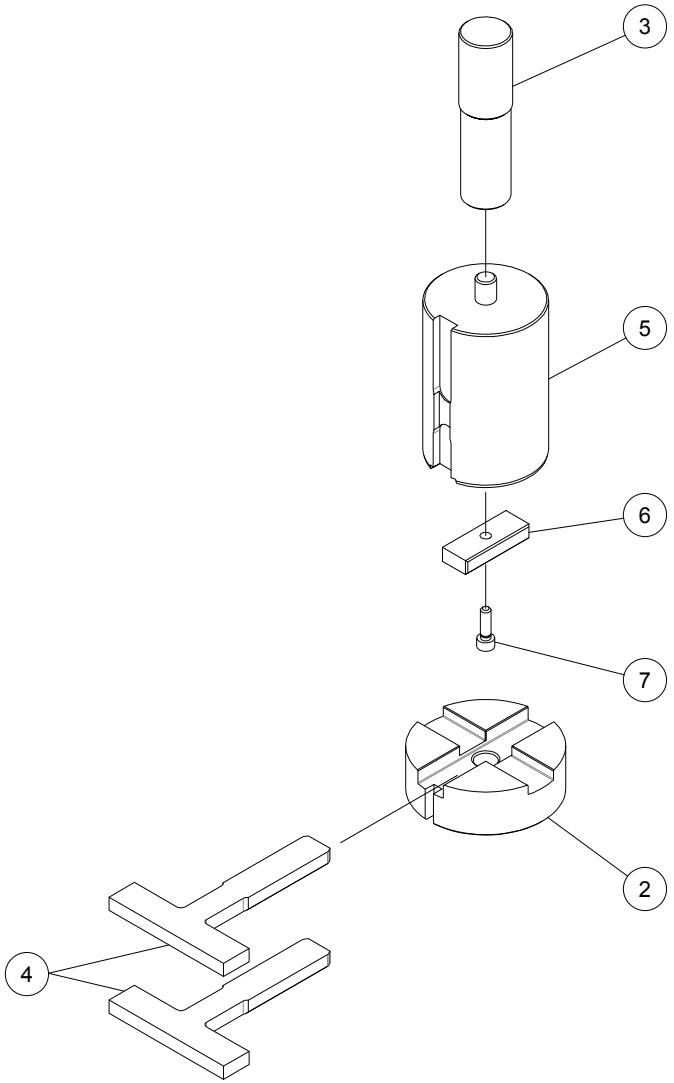
DETAIL A

(1) Scraper ASSY

MA00606---

Unit No. 282 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Scraper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900372 MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 MA01078--A	Bracket 1		3
3	74900433 MA01079---	Bracket 2		3
4	74900427 MA01060---	Brush		3
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	9
6	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	6



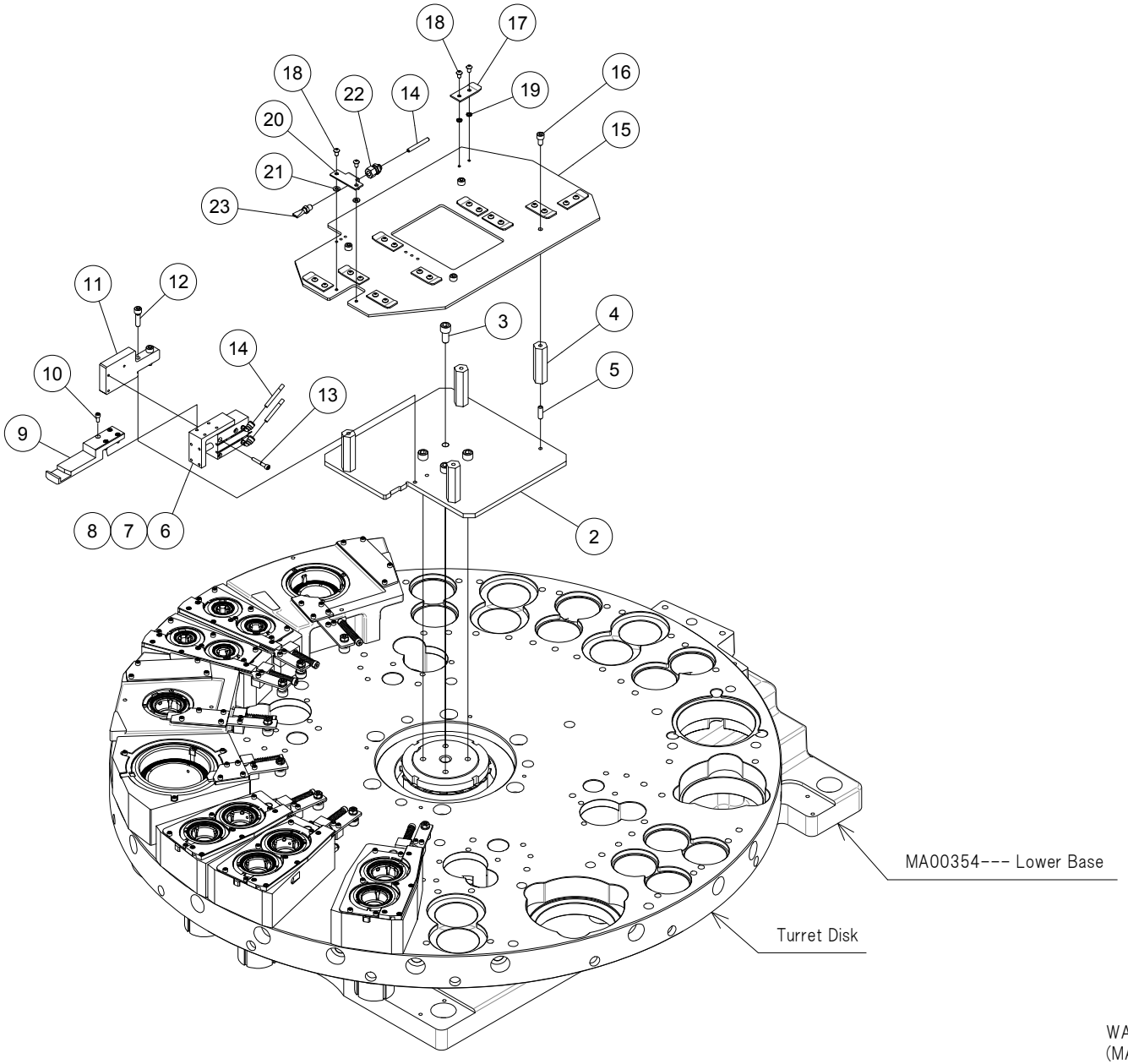
(1) 2″ Alignment Jig ASSY

0817090--B

Unit No. 283 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <2" Alignment Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400505 0817090--B	2" Alignment Jig ASSY	Index 2-7	1
2	74570185 0817092 B	Die Jig		1
3	74570184 6018123	Punch Jig Knob		1
4	74570187 0817094 B	T-type Jig		2
5	74570183 6018122	Punch Jig		1
6	74400506 0817093--C	Key		1
7	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1

Unit No. 284 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brush Support ASSY>



(1) Brush Support ASSY

WA00370---
(MA03359---)

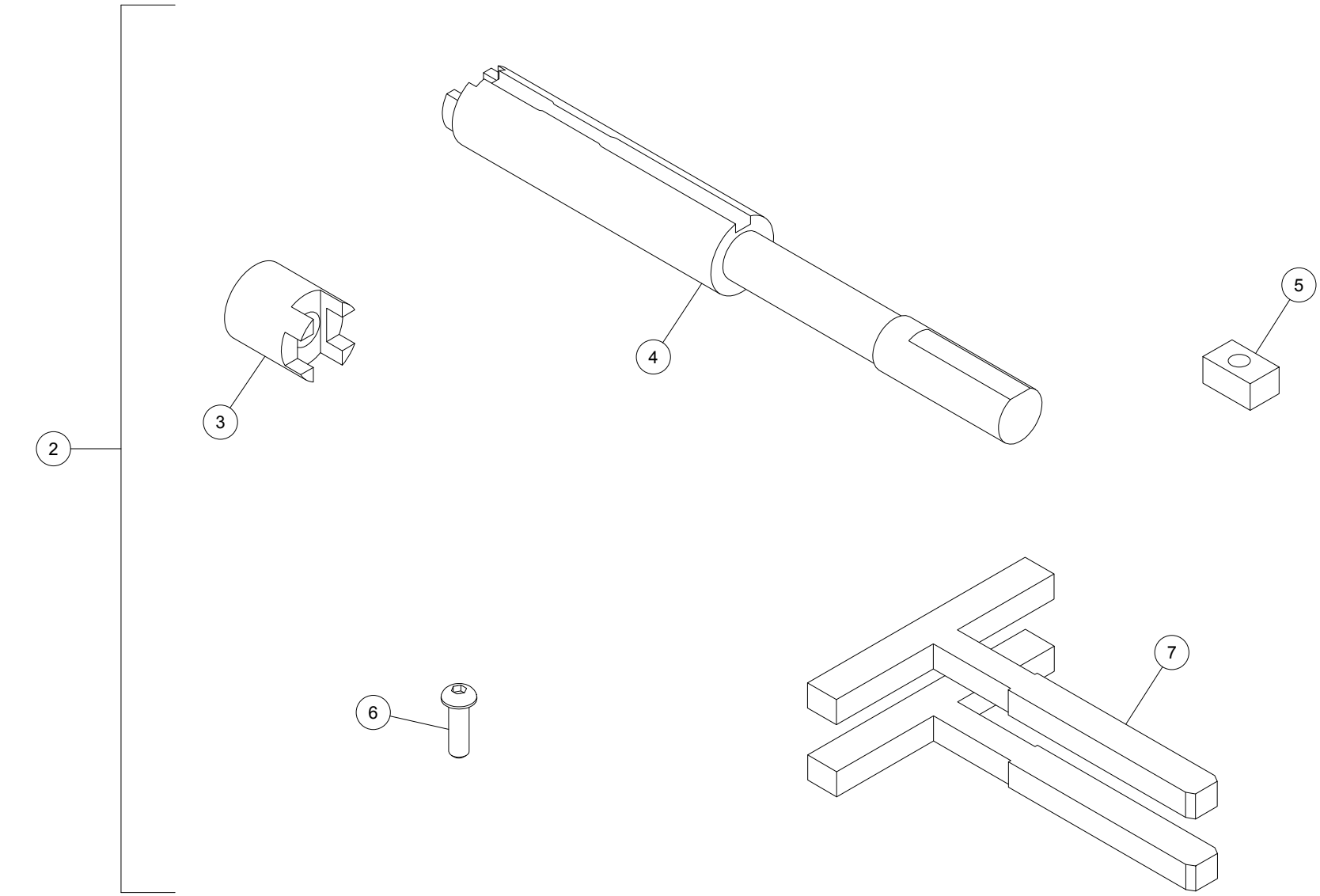
Unit No. 284 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 284 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1

Unit No. 285 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2" T Jig ASSY>



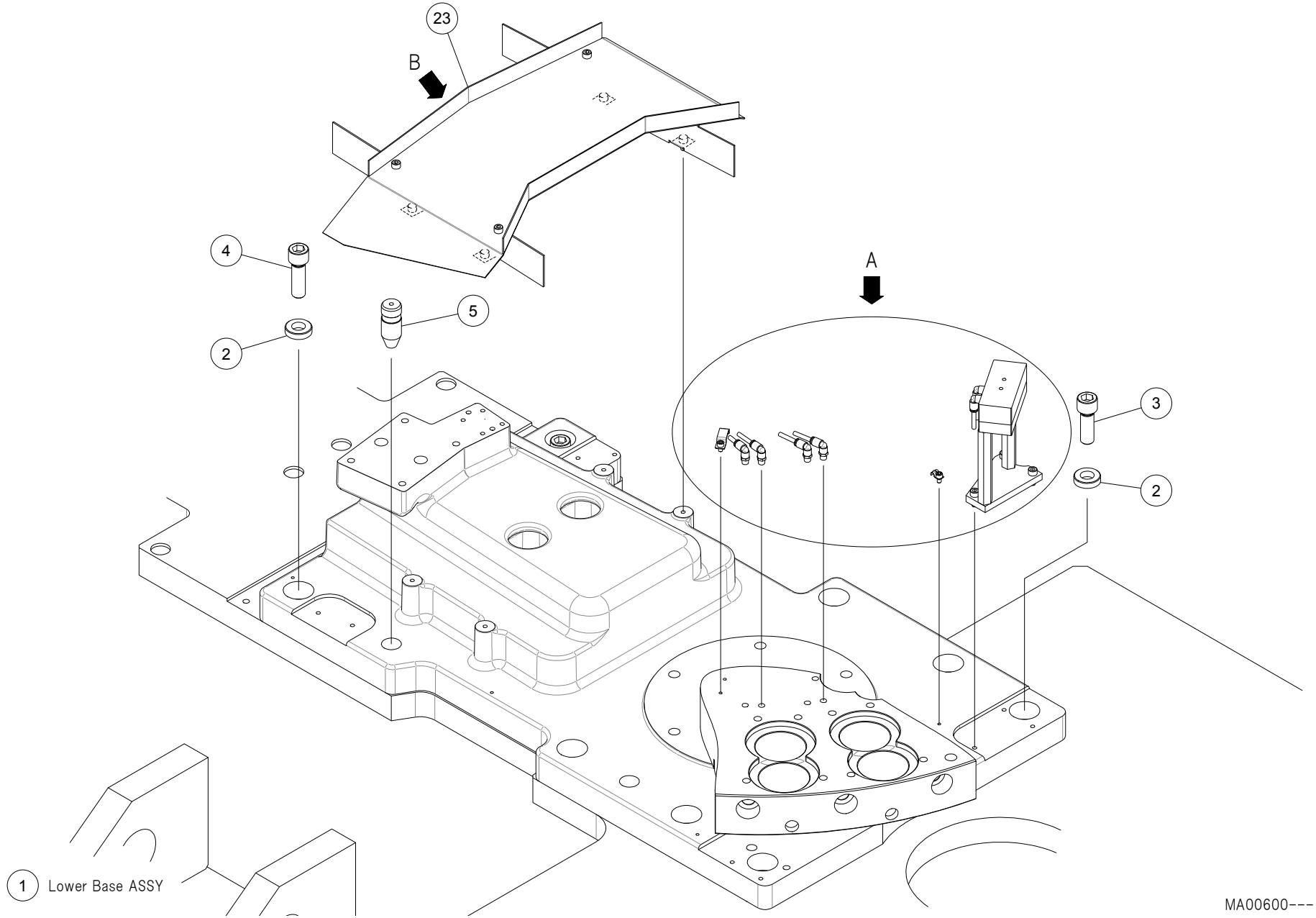
1 1/2″ T Jig ASSY

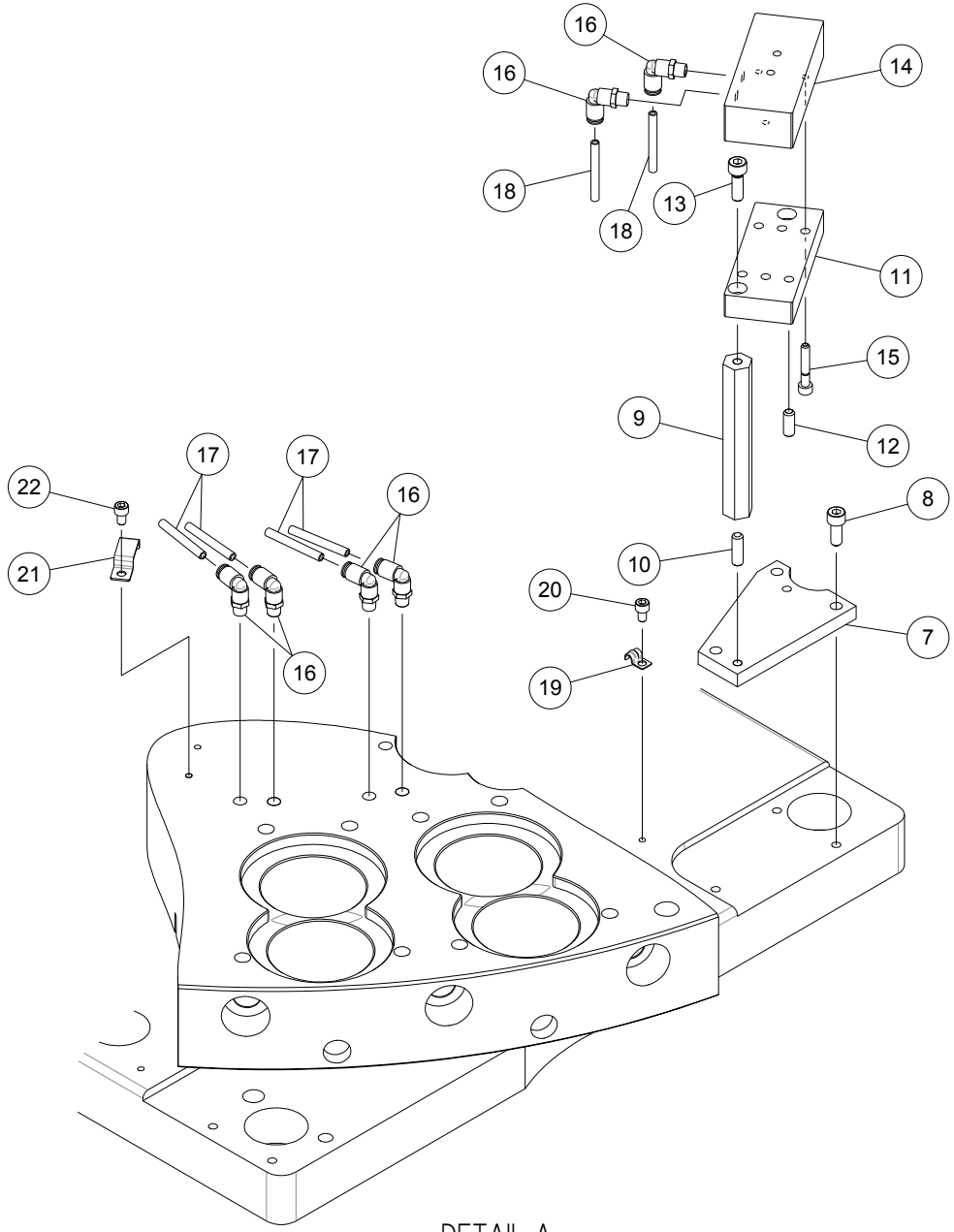
6824268

Unit No. 285 Turret AI(32ST-4AI)E-1/2"AI(2"X2) <1/2" T Jig ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 6824268	1/2" T Jig ASSY	 Index 2-7	1
2	74901435 6824190	1/2" Center Setting Jig ASSY	 Index 3-7	1
3	74901436 6824191	Die Jig 1/2"		1
4	74901437 6824192	Punch Jig 1/2"		1
5	74901438 6824193	Key 1/2"		1
6	74314603 P334500016	Button Head Screw	M6X20	1
7	74901439 6824194	T-type Jig 1/2"		2

Unit No. 286 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/3 <Lower Base ASSY>

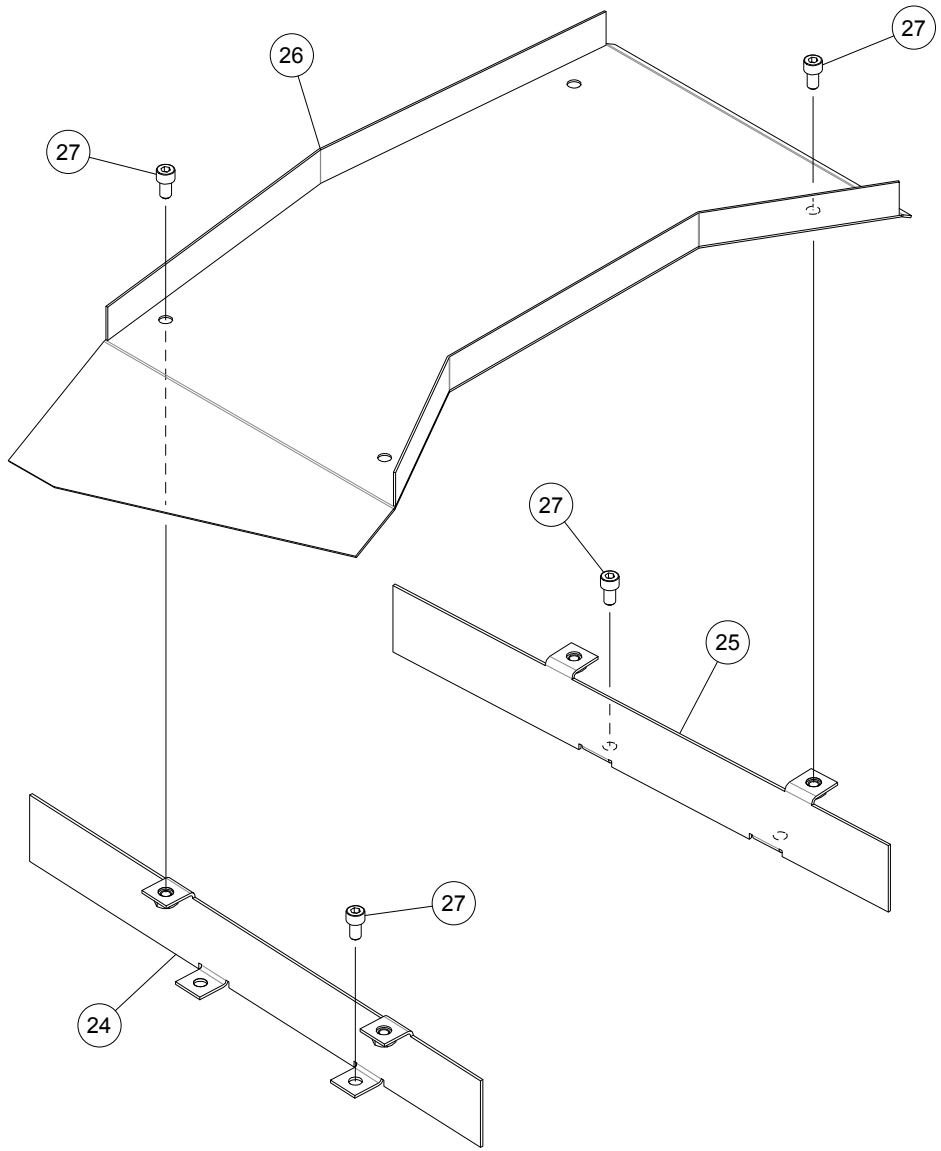




(6) Tap Sensor Piping ASSY

DETAIL A

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 286 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>

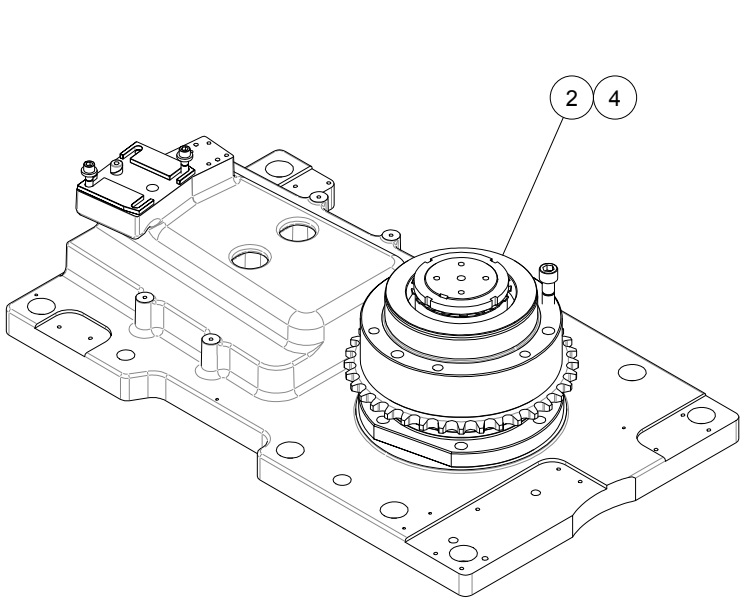
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

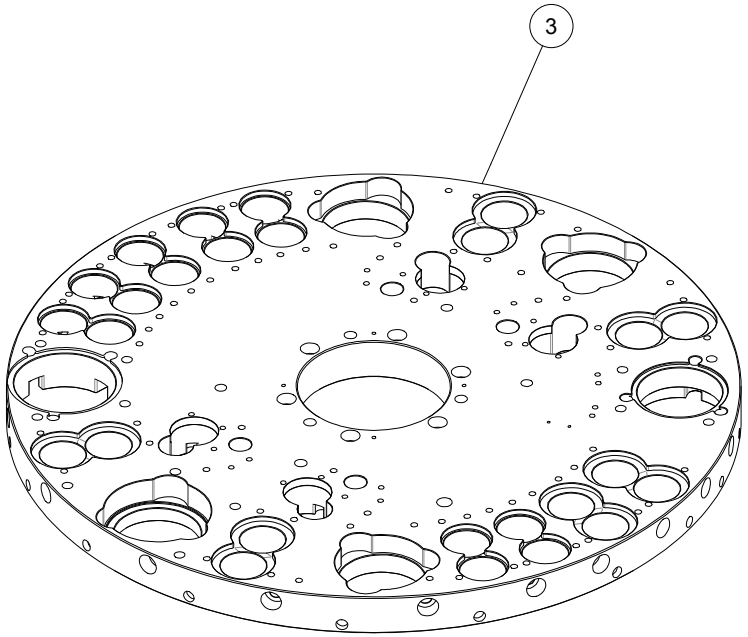
Unit No. 286 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 286 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8





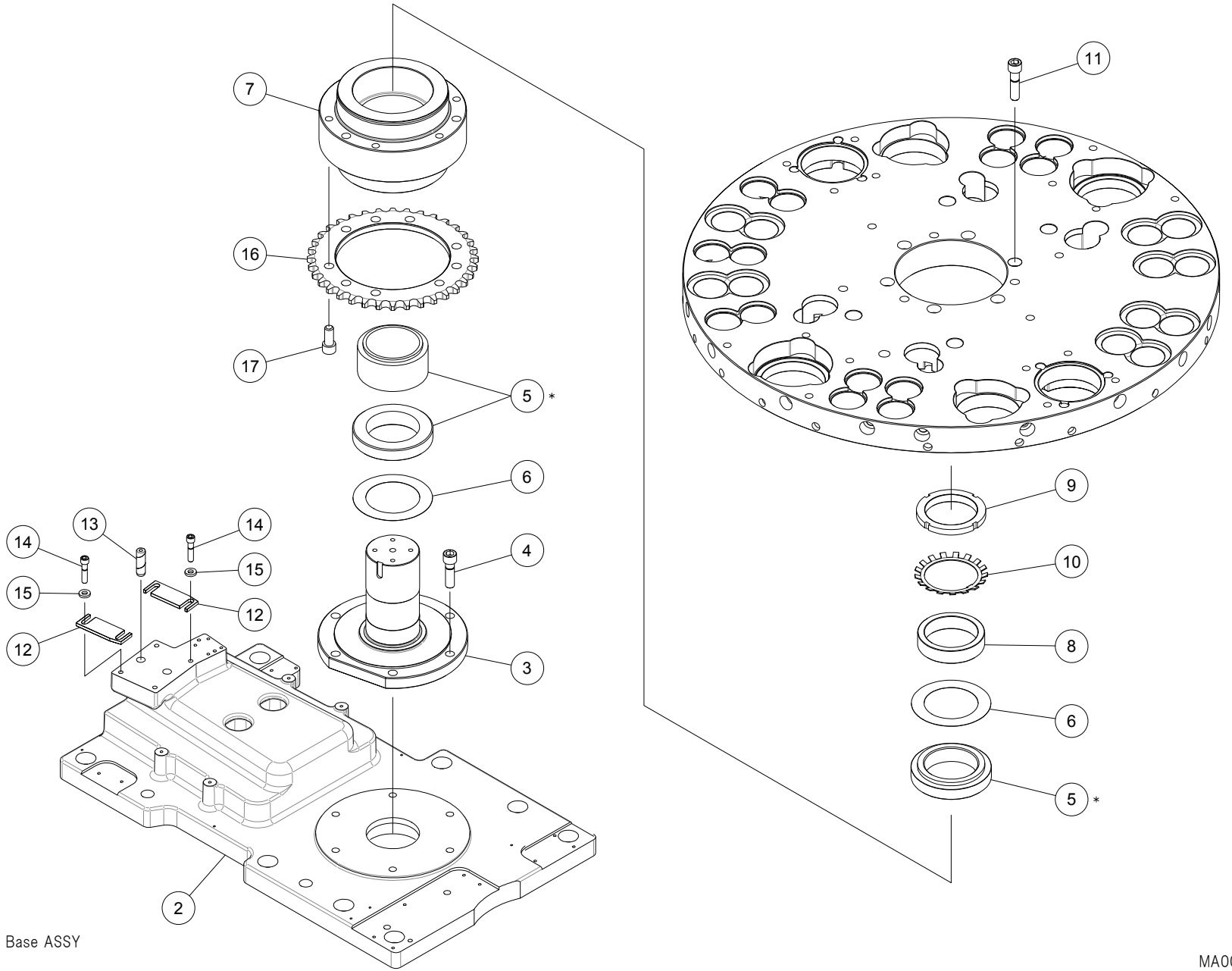
(1) Lower Turret ASSY 32ST-4AI C

CE03121---

Unit No. 287 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Turret ASSY 32ST-4AI C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03121---	Lower Turret ASSY 32ST-4AI C	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	CE03122---	32ST-C Lower Disk ASSY		1
4	6875464	Index Pin ASSY		1

Unit No. 288 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>



1 Lower Base ASSY

MA00632---

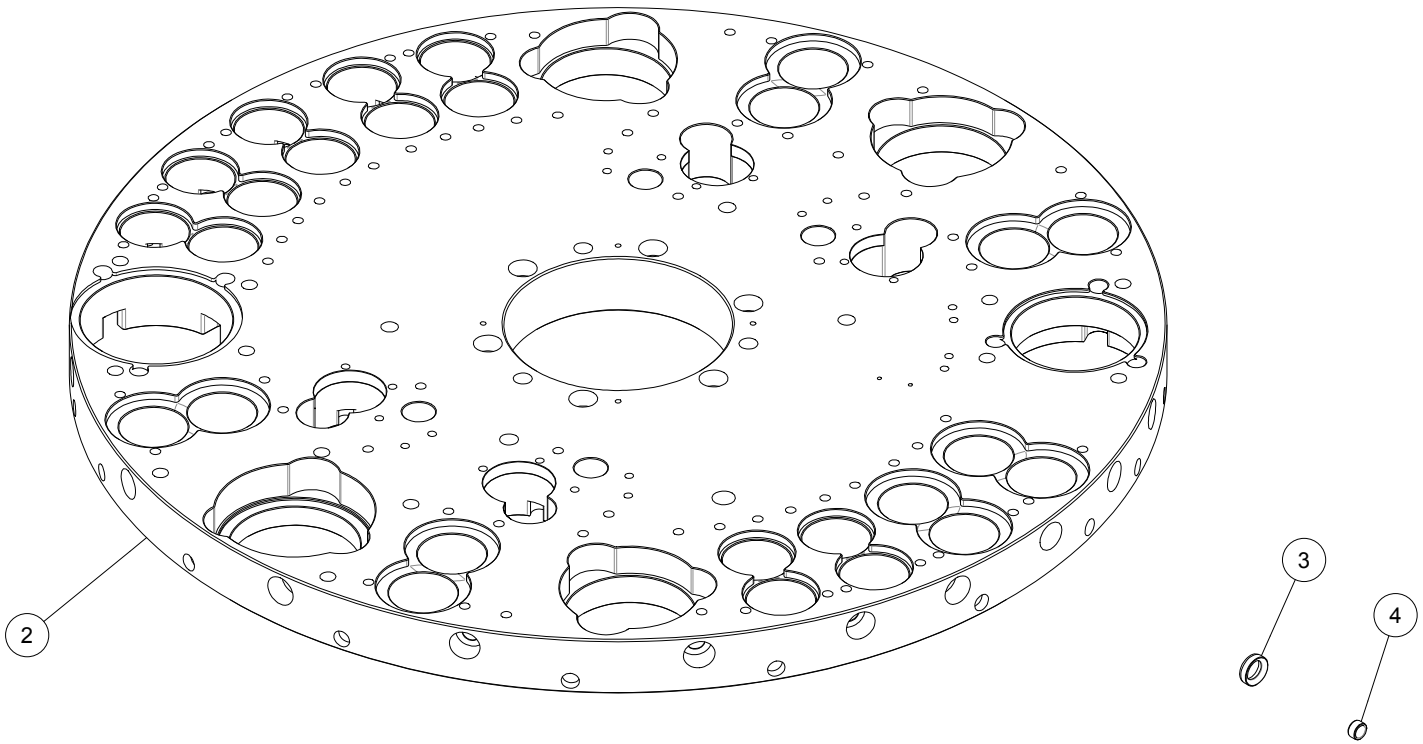
Unit No. 288 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00632---	Lower Base ASSY	Index 2-17	1
2	74900351 MA00354--A	Lower Base		1
3	74900373 MA00633--A	Bearing Shaft Lower		1
4	74776766 P330270009	Hex Socket Cap Screw	M20X70	6
5	74569663 7830623 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74421315 6827302	Collar		2
7	74900374 MA00634---	Bearing Housing Lower		1
8	74900375 MA00635---	Collar		1
9	74421248 0811674 B	Crown Nut		1
10	74303123 P406040019	Locking Washer JIS	AW-24	1
11	74776767 P330270011	Hex Socket Cap Screw	M20X80	6
12	74577424 6812556	Spacer		2

Unit No. 288 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6

Unit No. 289 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-C Lower Disk ASSY>



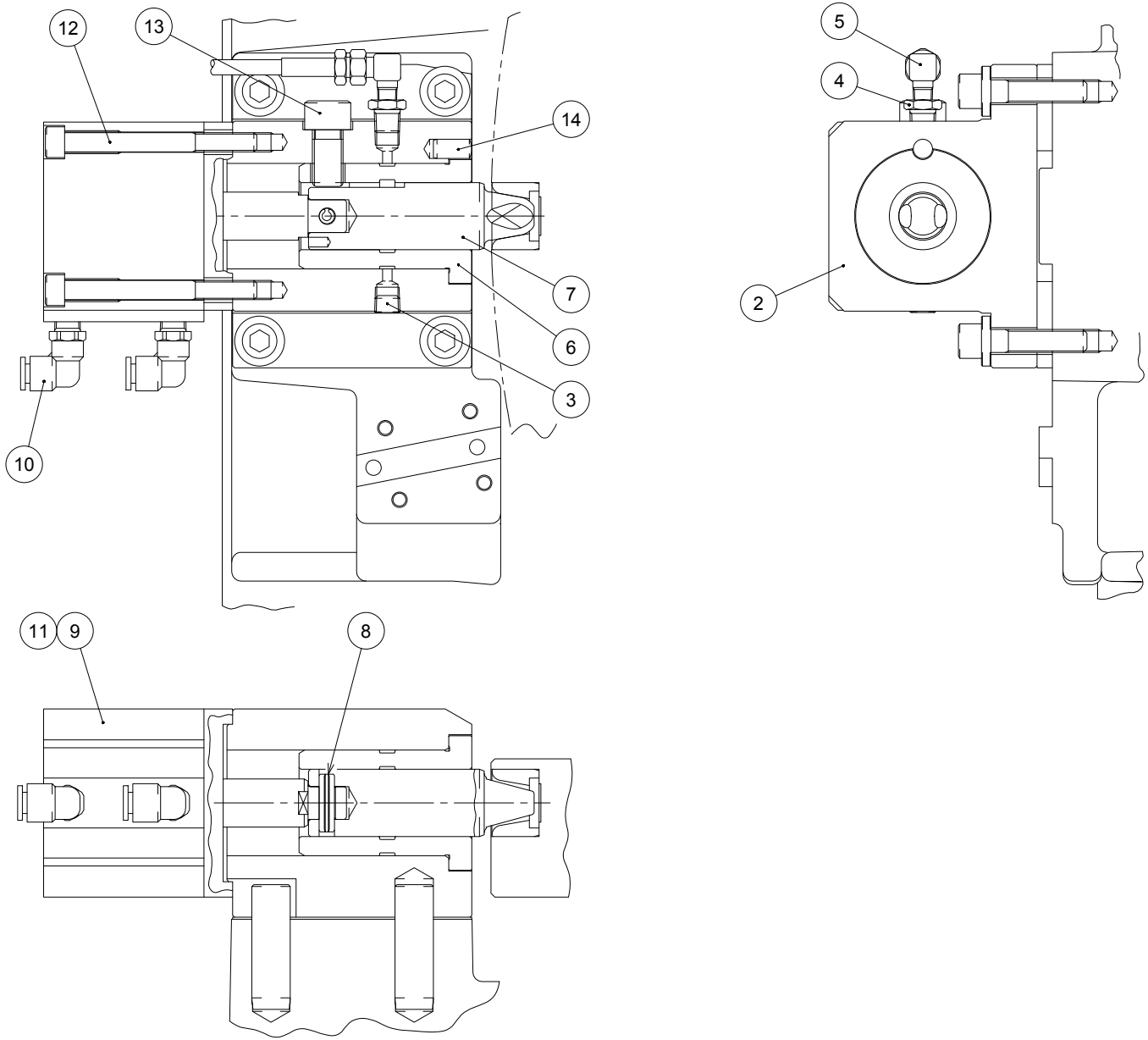
(1) 32ST-C Lower Disk ASSY

CE03122---

Unit No. 289 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-C Lower Disk ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03122---	32ST-C Lower Disk ASSY	Index 2-4	1
2	74401945 CE03123---	32ST-C Lower Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19

Unit No. 290 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>



(1) Index Pin ASSY

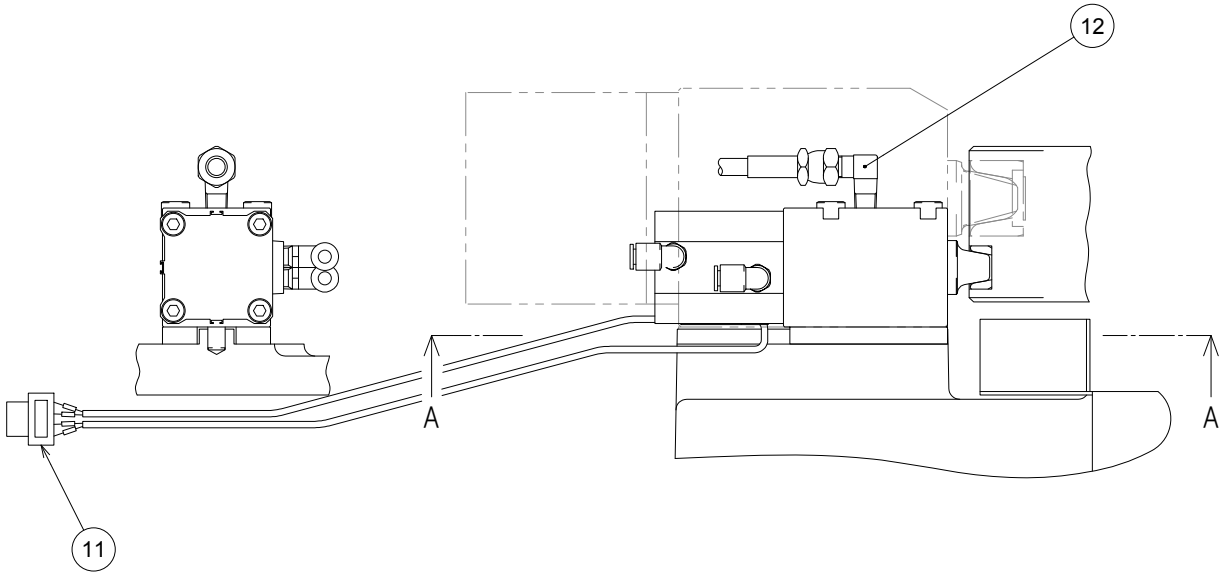
6875464
(6875460#1F)
(6875460#2C)

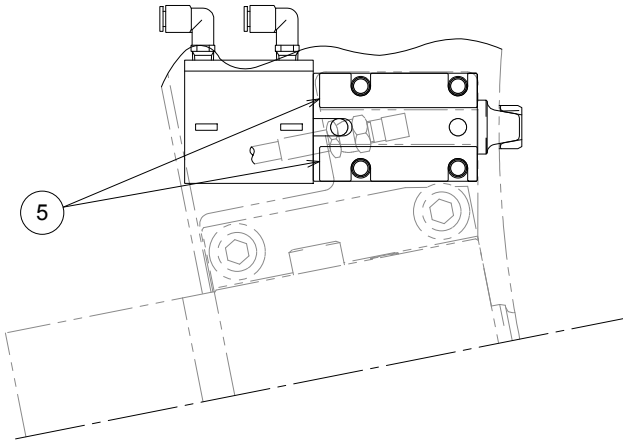
Unit No. 290 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

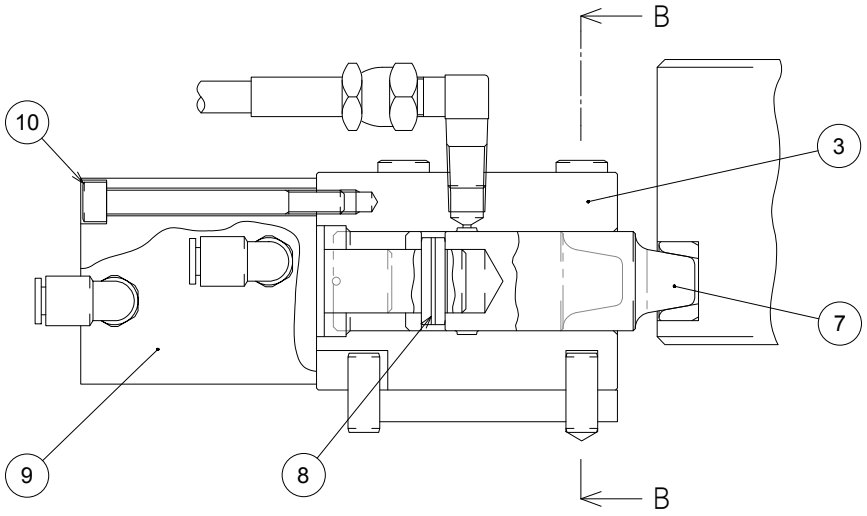
Unit No. 290 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>

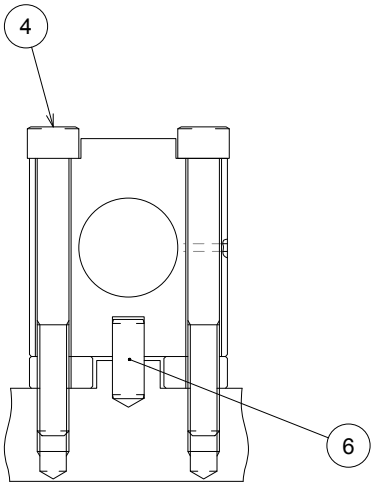
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





SECTION B-B

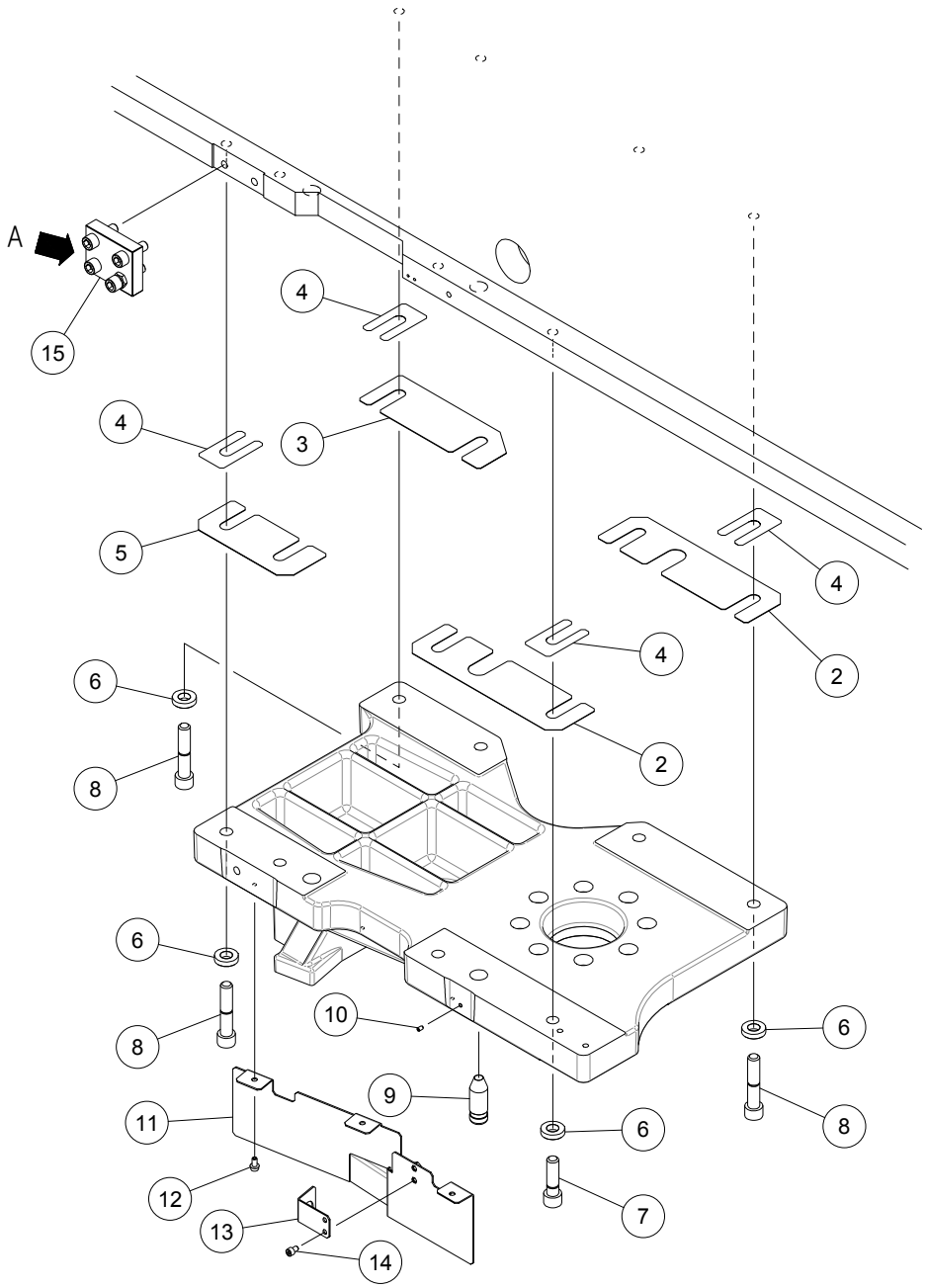
(1) Lower Base PDC ASSY (2) Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

Unit No. 291 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Lower Base PDC ASSY>

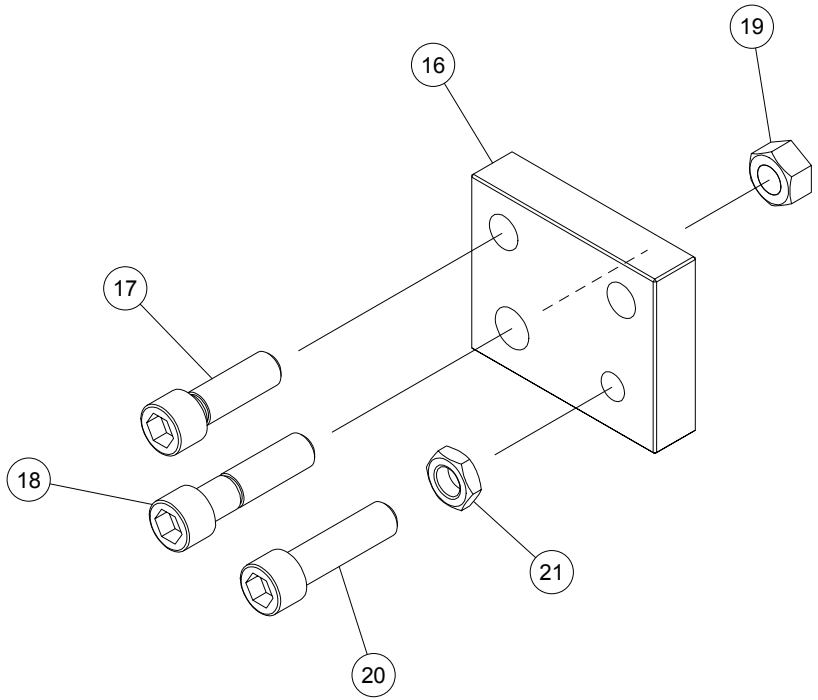
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1

Unit No. 292 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/2 <Upper Base ASSY>



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

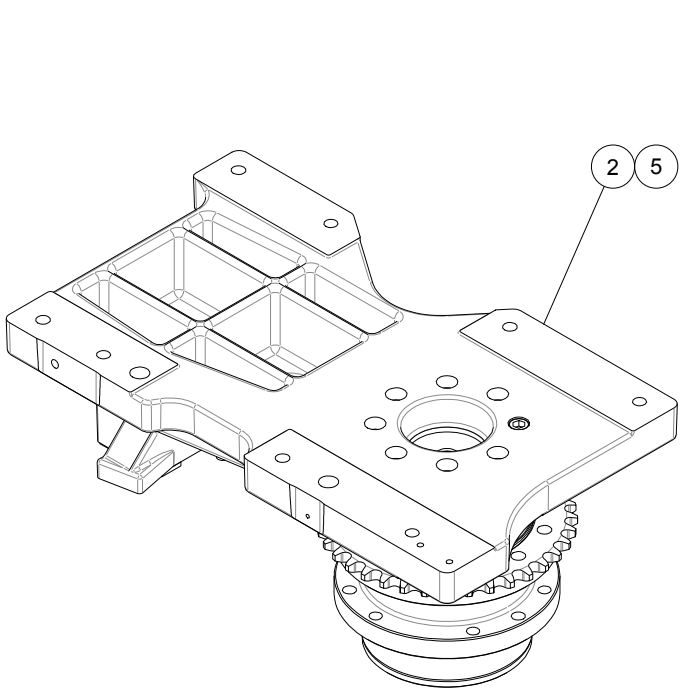
MA00642---

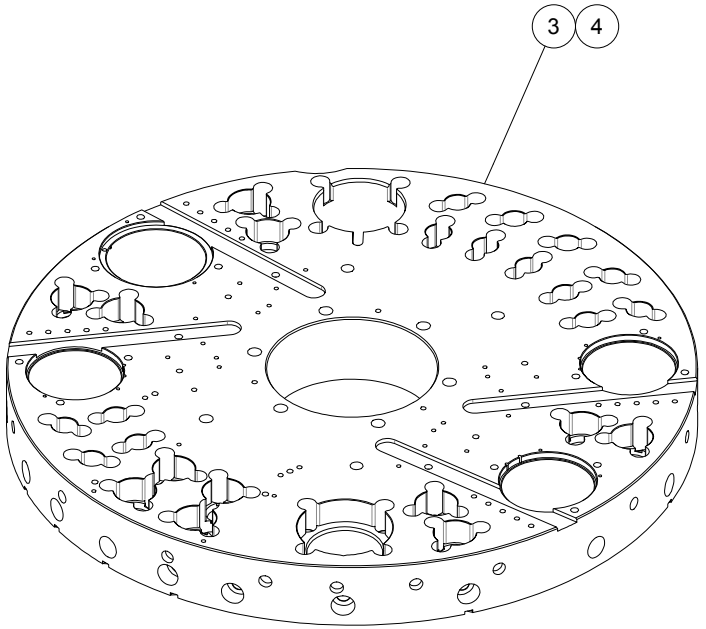
Unit No. 292 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00602---	Upper Base ASSY	Index 2-21	1
2	74900376 MA00639--A	Shim A		2
3	74900377 MA00640---	Shim B		1
4	74900380 MA00645---	Shim E		4
5	74900378 MA00641--A	Shim C		1
6	74159434 0821009 B	Washer		8
7	74776766 P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 6892024 A	Locating Pin		2
10	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Type)	1
11	74900461 MA02408--B	Chain Cover		1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 292 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1





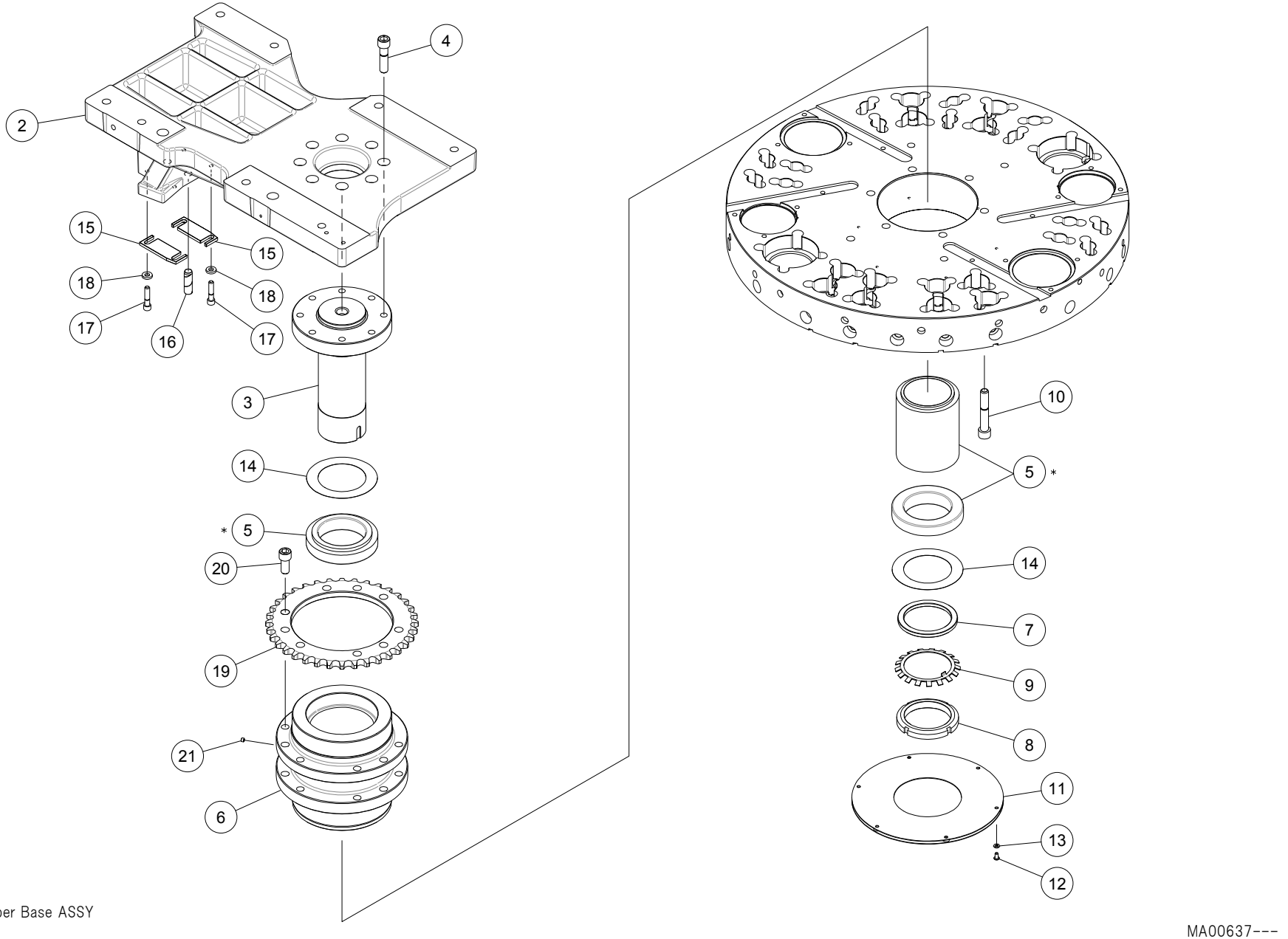
(1) Upper Turret ASSY 32ST-4AI C

CE03124---

Unit No. 293 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Turret ASSY 32ST-4AI C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03124---	Upper Turret ASSY 32ST-4AI C	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	CE03125---	32ST-C Upper Disk ASSY		1
4	MA03494---	32ST-B Tool ASSY		1
5	6875464	Index Pin ASSY		1

Unit No. 294 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base ASSY>



(1) Upper Base ASSY

MA00637---

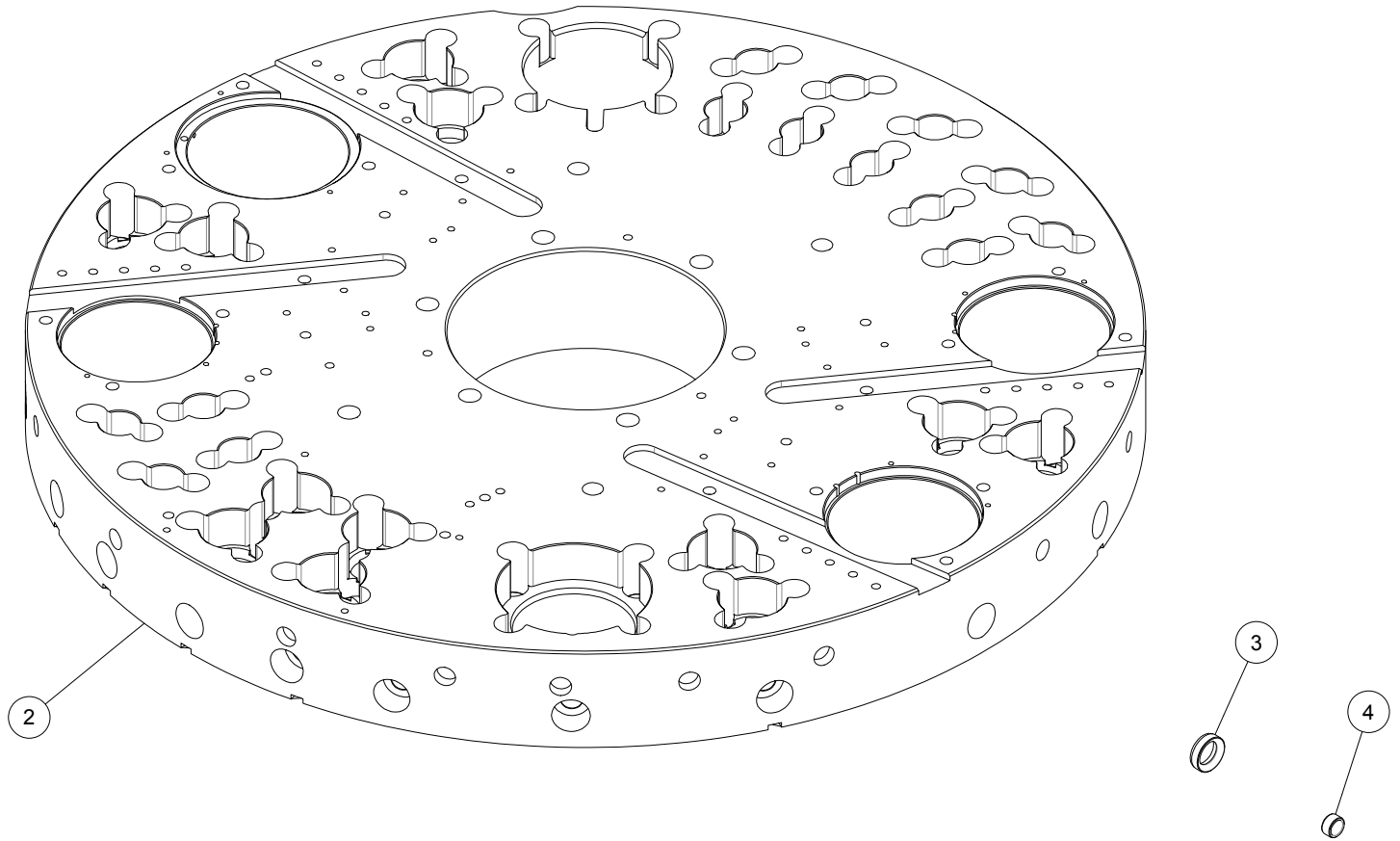
Unit No. 294 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 MA00352--B	Upper Base		1
3	74569656 6812552 A	Bearing Shaft Upper		1
4	74776767 P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 7830622 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74379117 6530296	Bearing Housing Upper		1
7	74379119 6530298	Collar		1
8	74421248 0811674 B	Crown Nut		1
9	74303123 P406040019	Locking Washer JIS	AW-24	1
10	74900649 P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 6530299 A	Cap		1
12	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 294 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1

Unit No. 295 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-C Upper Disk ASSY>

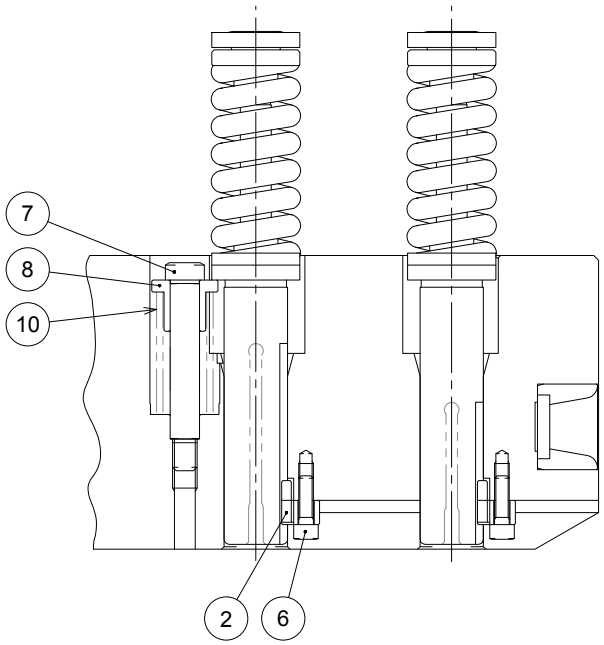


(1) 32ST-C Upper Disk ASSY

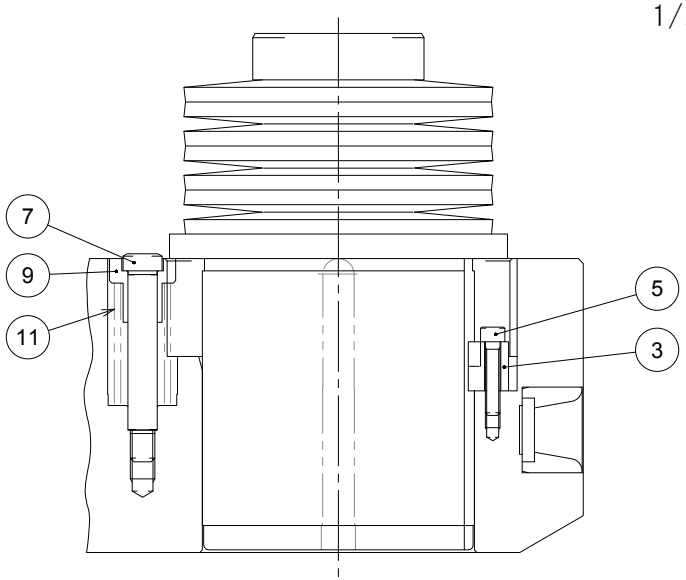
CE03125---

Unit No. 295 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-C Upper Disk ASSY>

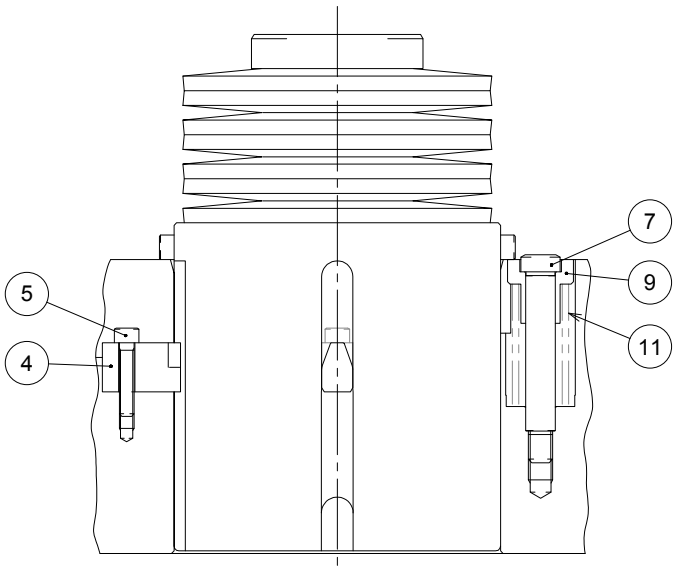
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03125---	32ST-C Upper Disk ASSY	Index 2-4	1
2	74401946 CE03126---	32ST-C Upper Turret Disk		1
3	74160230 0480336 K	Bushing		19
4	74570101 6813173	Sub Index Pin Bushing		19



1/2″,1-1/4″



3-1/2″



4-1/2″

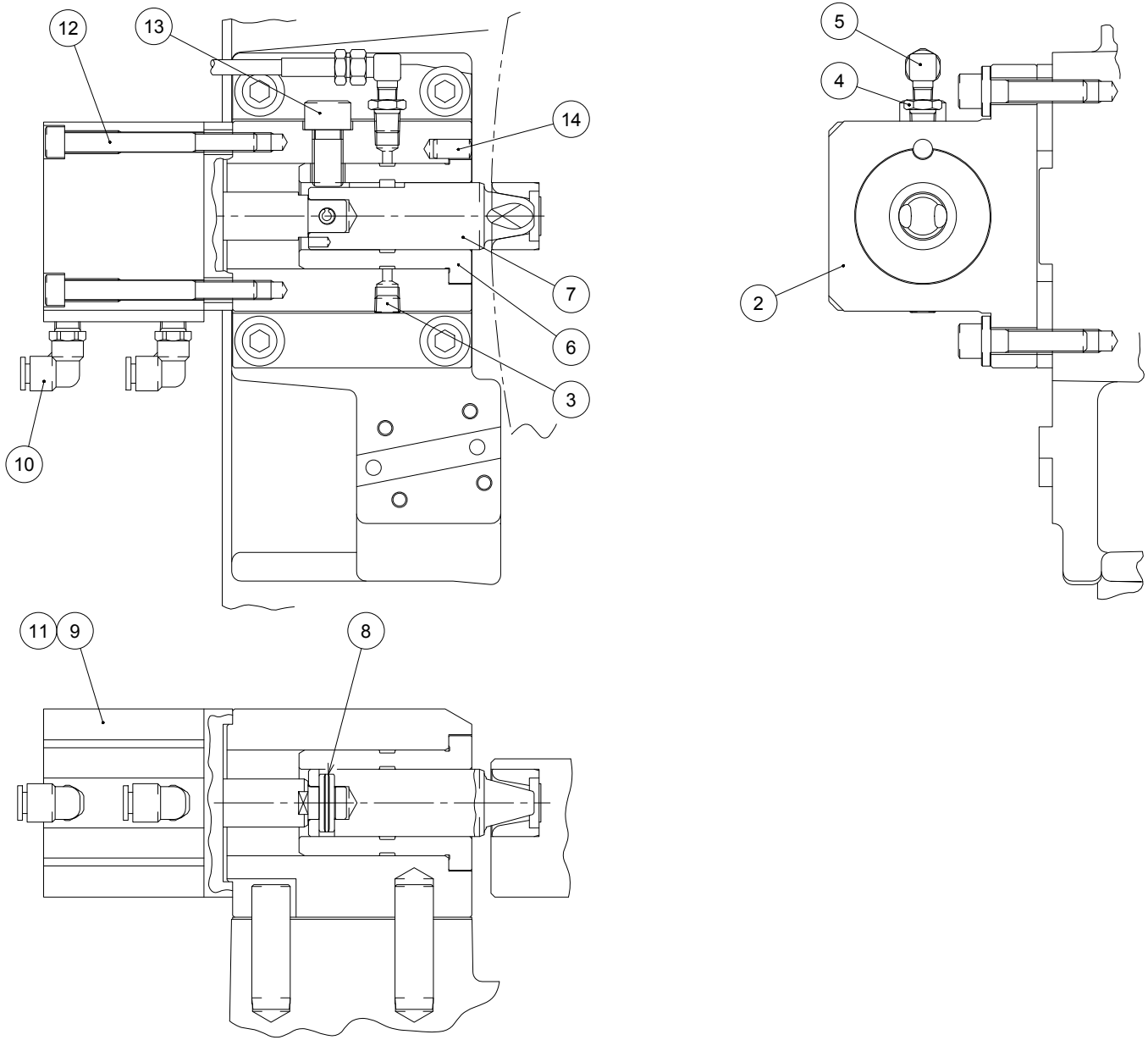
(1) 32ST-B Tool ASSY

MA03494---
(MA00616---)
(6812834)
(6812833)

Unit No. 296 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-B Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03494---	32ST-B Tool ASSY	Index 2-11	1
2	74903475 3008133--A	1/2" Guide Key		26
3	74569852 6812865	3-1/2" Guide Key		1
4	74387448 7400914 B	4-1/2" Guide Key		1
5	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	26
7	74569846 3204978	Shoulder Screw		67
8	74165223 5500217 B	Lifter Collar		59
9	74165219 5501009 C	Lifter Ring		8
10	74569847 3200854	Spring 1/2"1-1/4"2"		59
11	74569851 3204979 A	Spring 3-1/2"4-1/2"		8

Unit No. 297 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>



(1) Index Pin ASSY

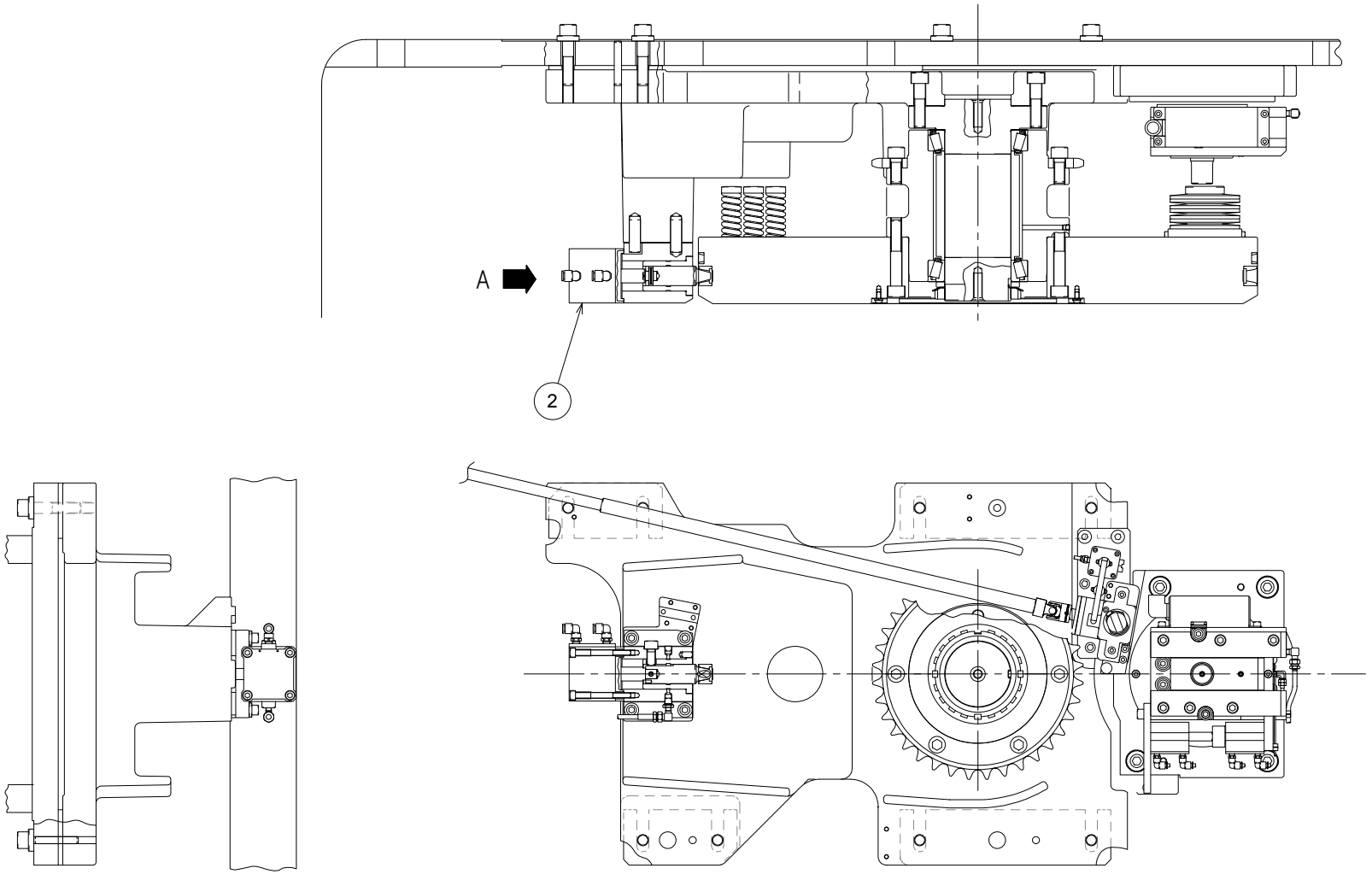
6875464
(6875460#1F)
(6875460#2C)

Unit No. 297 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

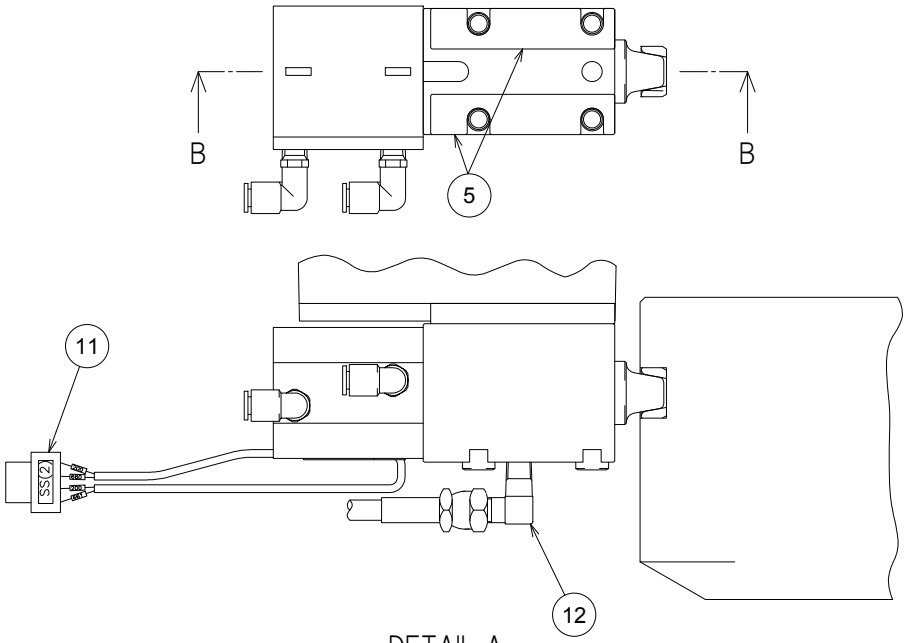
Unit No. 297 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1

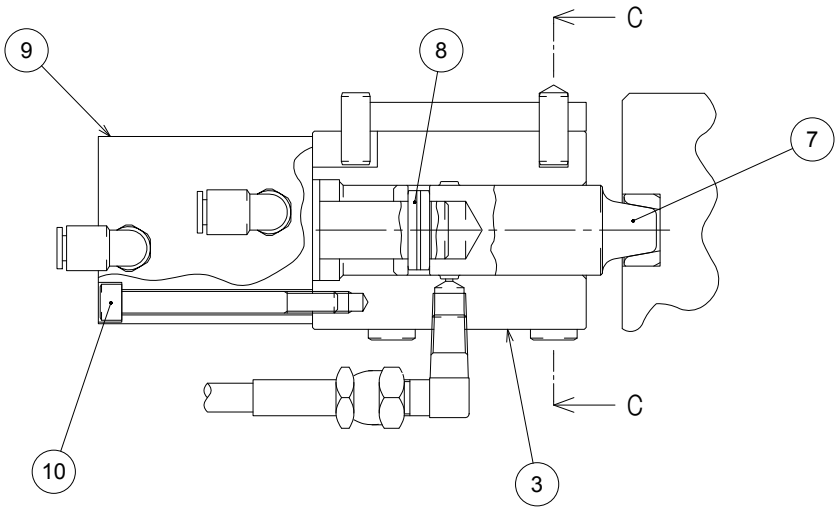


(1) Upper Base PDC ASSY

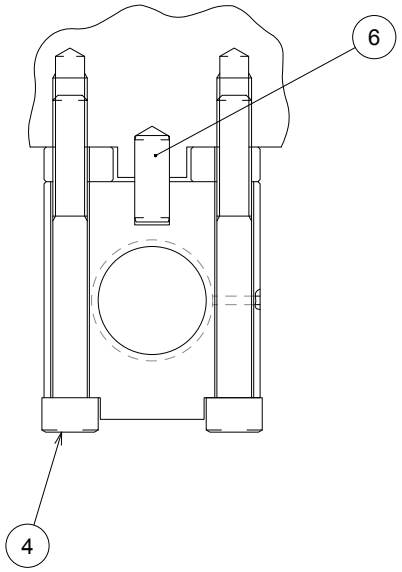
CE00571---
(6875470--H)



DETAIL A



SECTION B-B

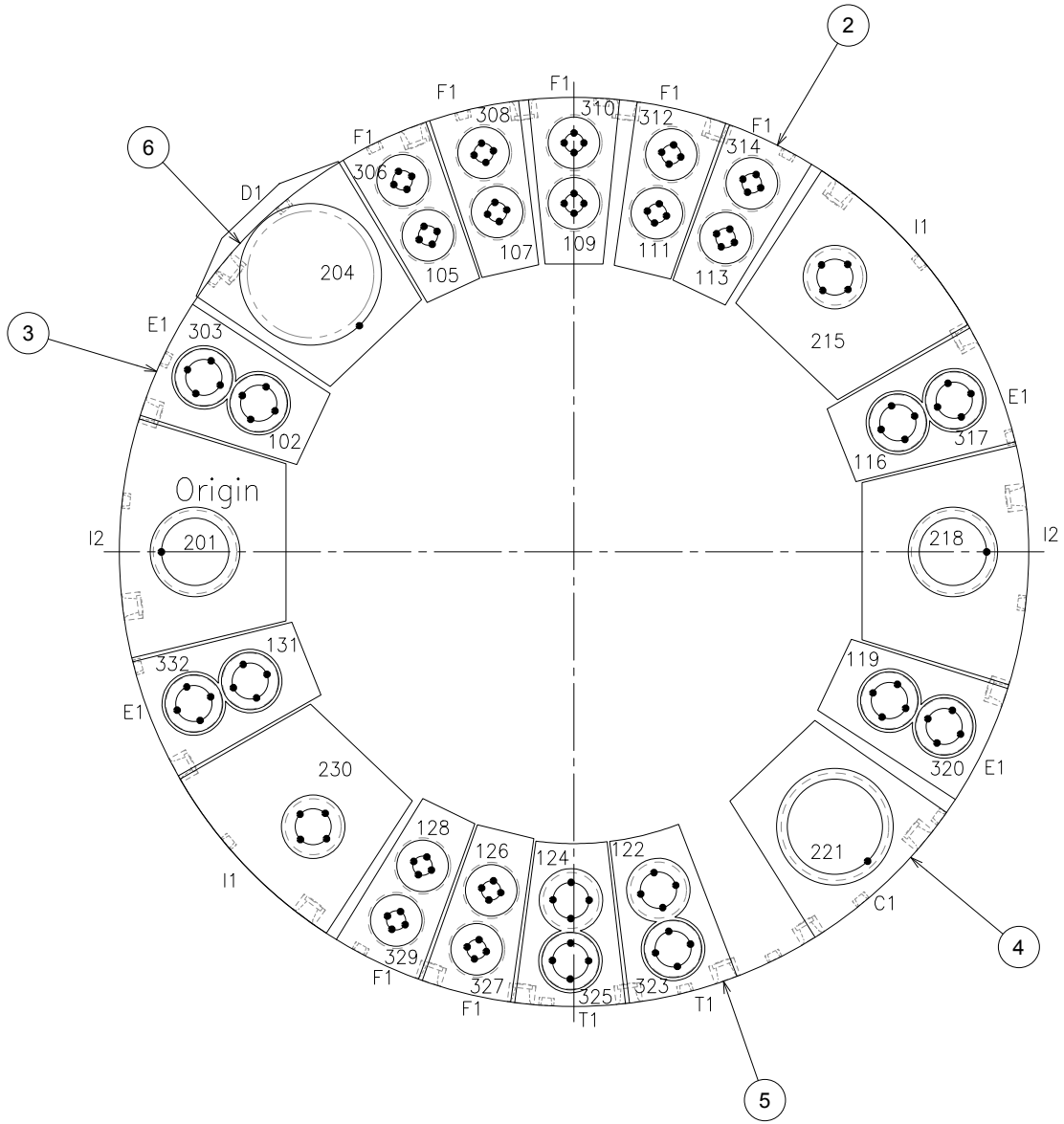


SECTION C-C

CE00571---
(6875470--H)

Unit No. 298 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1

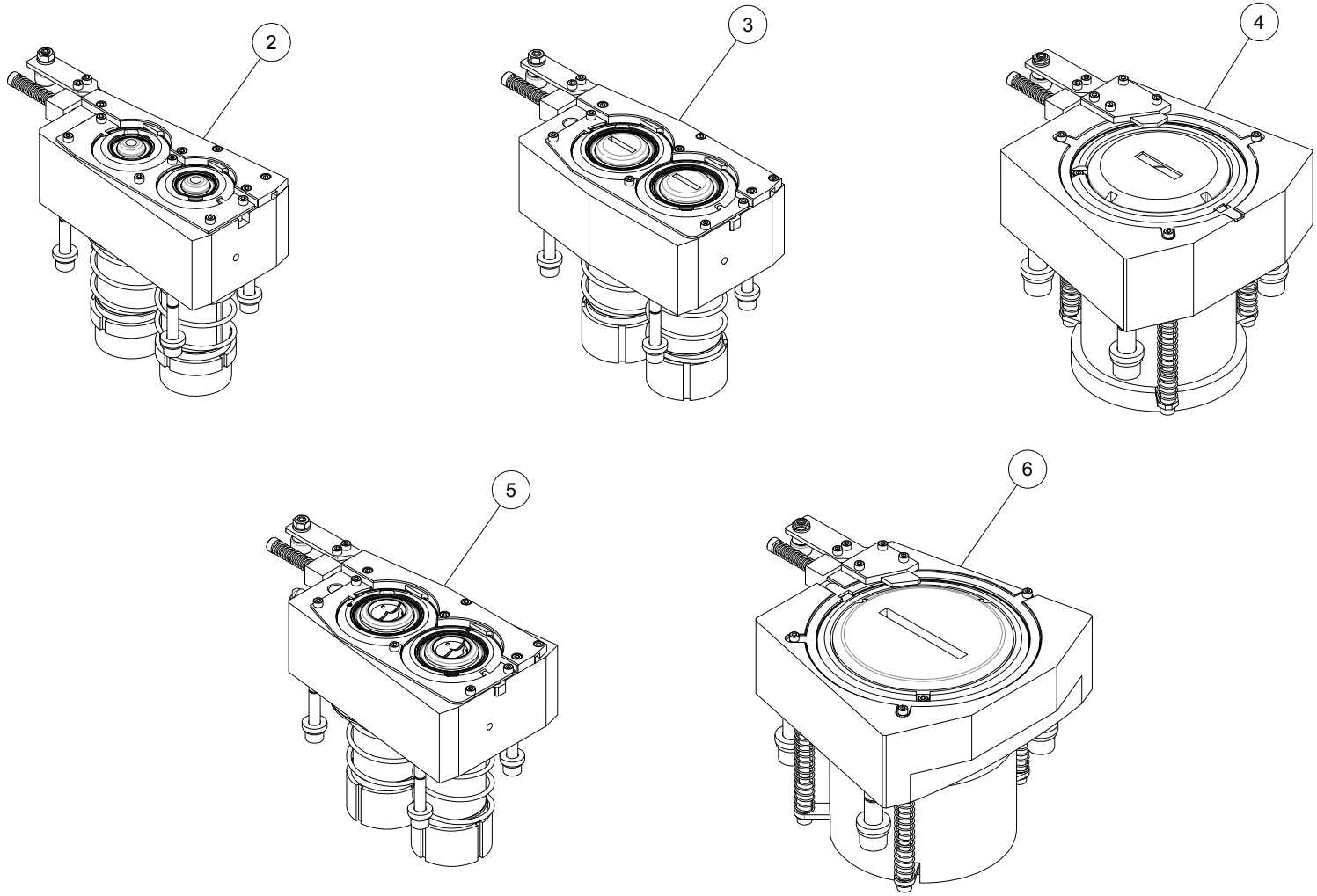


記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
D1	4·1/2"	MA00590--B	MA01277---	1	1
C1	3·1/2"	MA00252--A	MA00254---	1	1
E1	1·1/4"	MA00591--A	MA01267---	4	8
F1	1/2"	MA00569--A	MA00571---	7	14
I1	AI (1·1/4")		MA01267---	2	2
I2	AI (2")		MA00268---	2	2
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		32

1 32ST-B Lower Tool Kit

<32ST Die Holder Layout E>

MA03490---
(MA03511---)

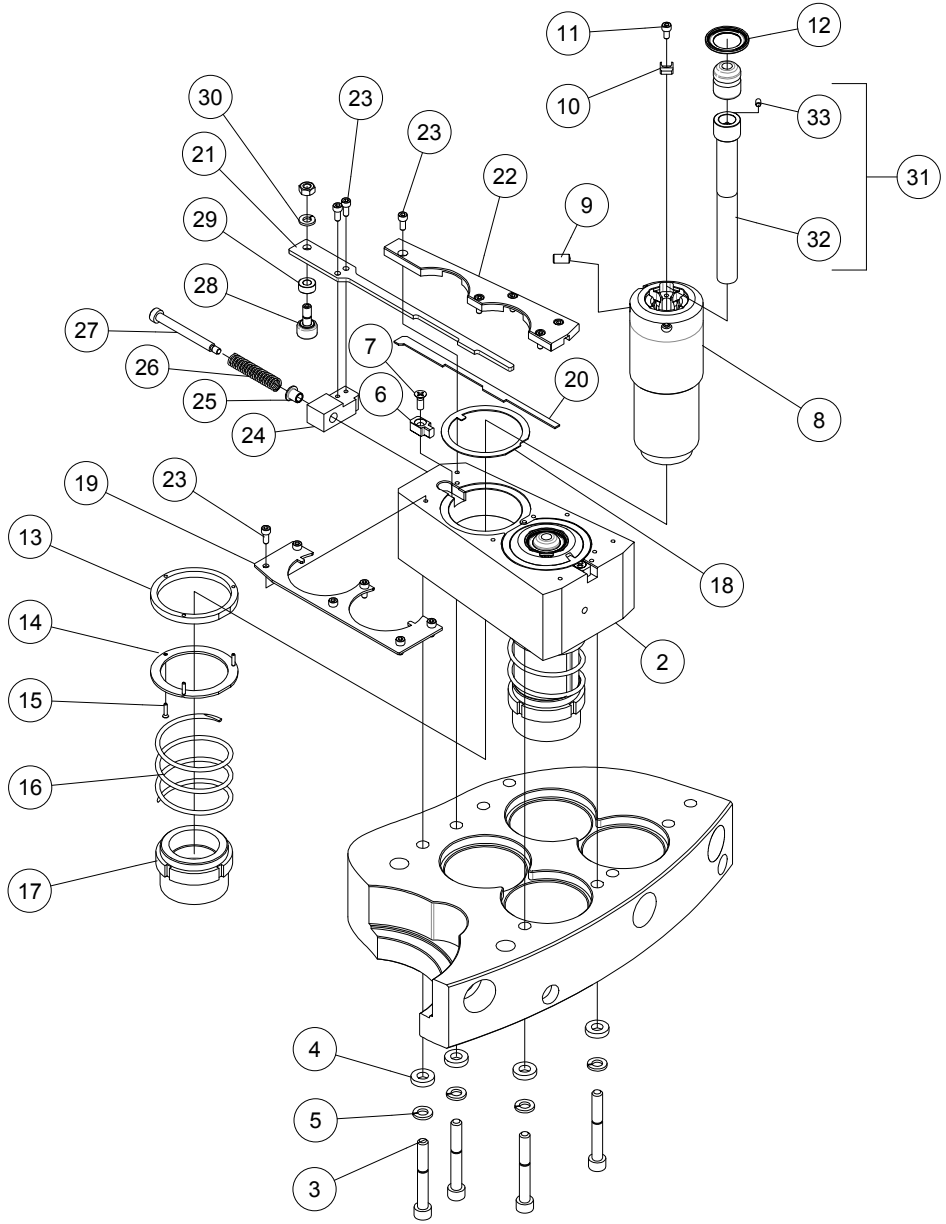


MA03490---

Unit No. 299 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <32ST-B Lower Tool Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA03490---	32ST-B Lower Tool Kit	 Index 2-6	1
2	74403007 MA08296---	1/2" Die Holder ASSY		7
3	74403008 MA08294---	1-1/4" Die Holder ASSY		4
4	74900746 MA00251--A	3-1/2" Die Holder ASSY		1
5	 MA08301---	Tap Die Holder ASSY		2
6	74903503 MA00258--D	4-1/2" Die Holder ASSY		1

Unit No. 300 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2" Die Holder ASSY>



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 300 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

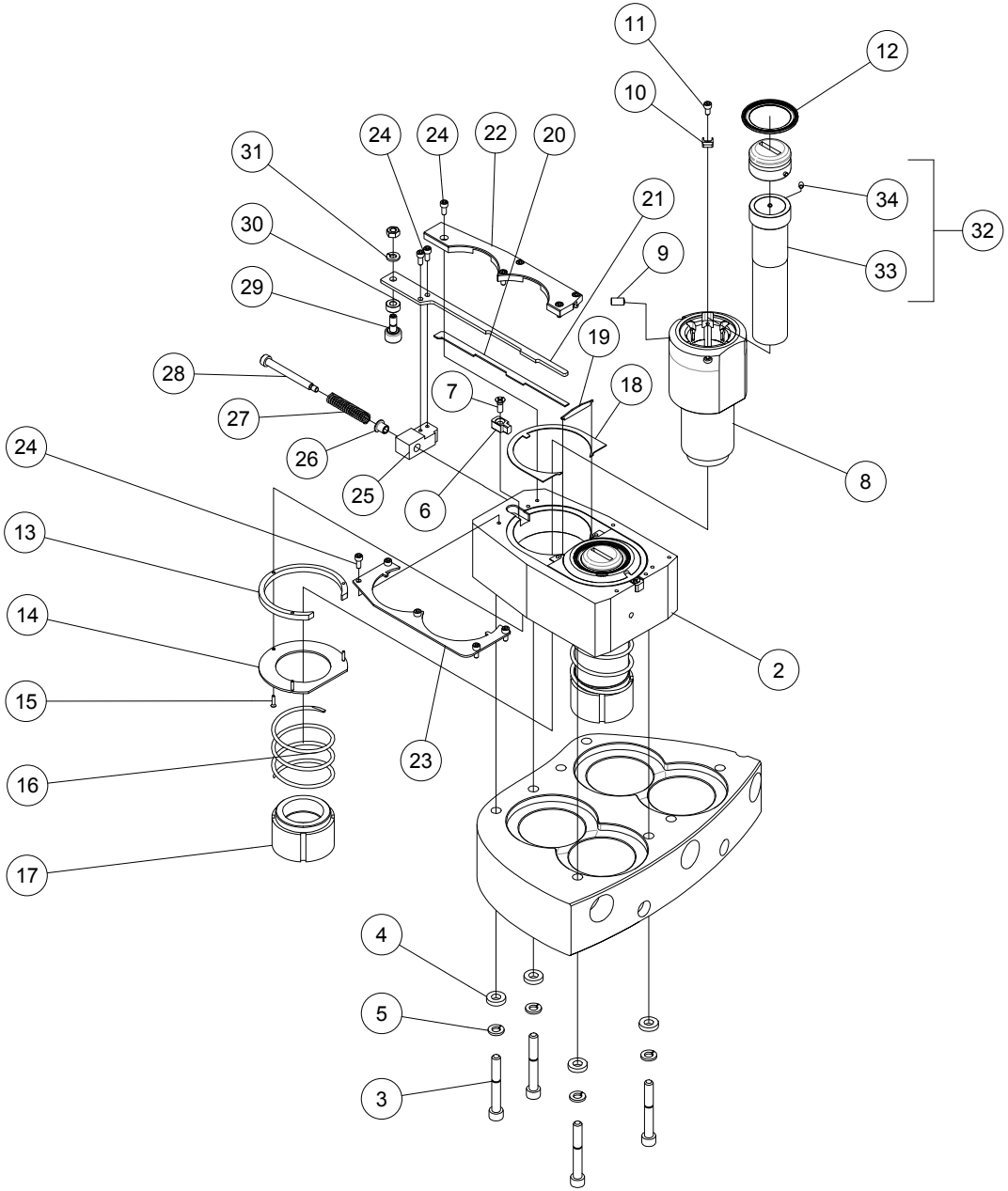
Unit No. 300 Turret Al(32ST-4Al)E-1/2"Al(1-1/4"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 300 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1

Unit No. 301 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" Die Holder ASSY>



(1) 1-1/4" Die Holder ASSY

MA08294---

Unit No. 301 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" Die Holder ASSY>

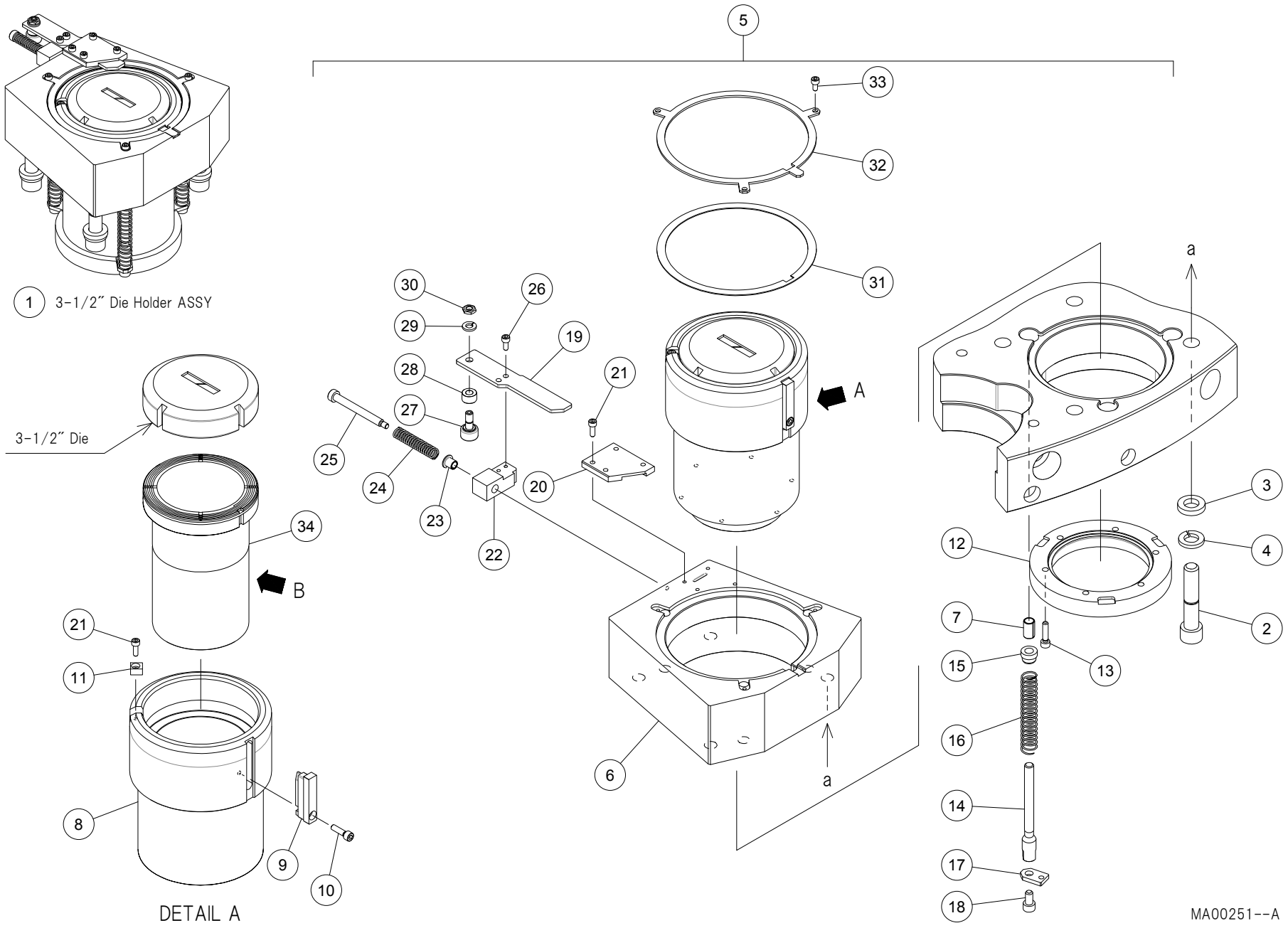
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

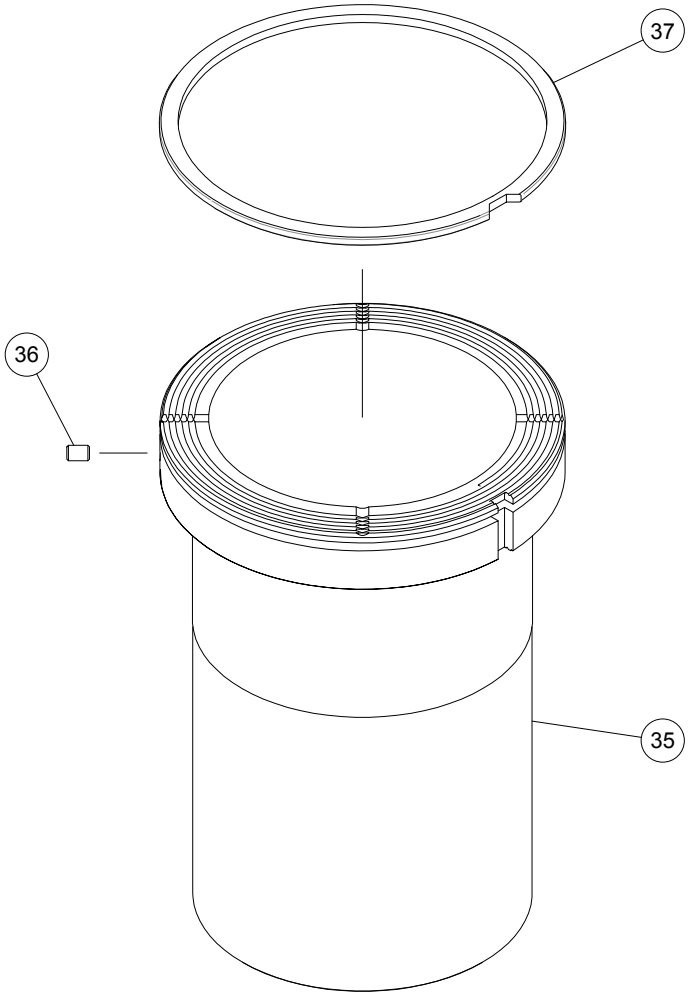
Unit No. 301 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 301 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	 7421419	Pin 1-1/4"		1


1 3-1/2″ Die Holder ASSY
3-1/2″ Die
DETAIL A
MA00251--A



DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 302 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900498 SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 MA00252--A	Die Holder 3-1/2"		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74900337 MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74900339 MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 302 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

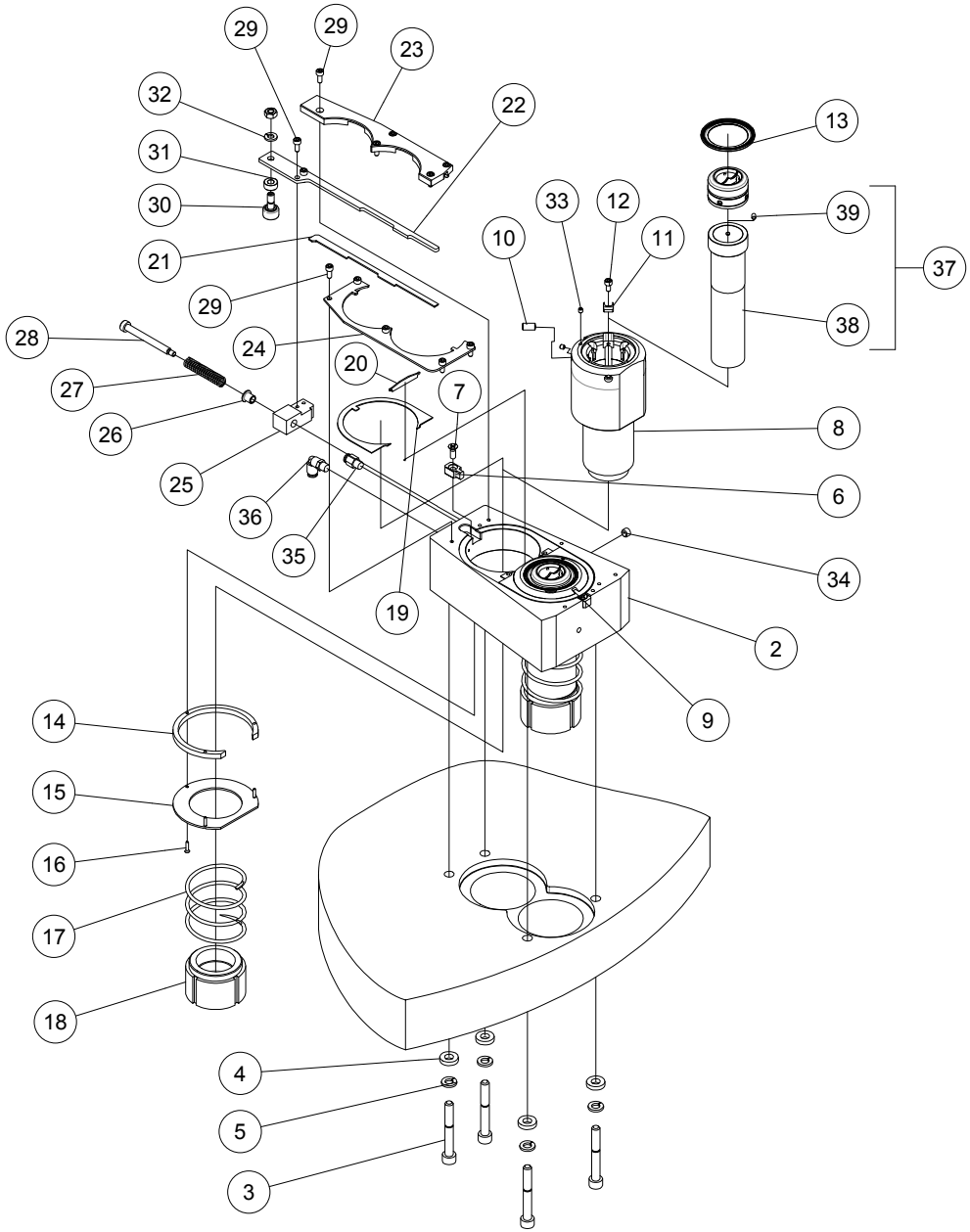
Unit No. 302 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 302 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1

Unit No. 303 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tap Die Holder ASSY>



(1) Tap Die Holder ASSY

MA08301---

Unit No. 303 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 303 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

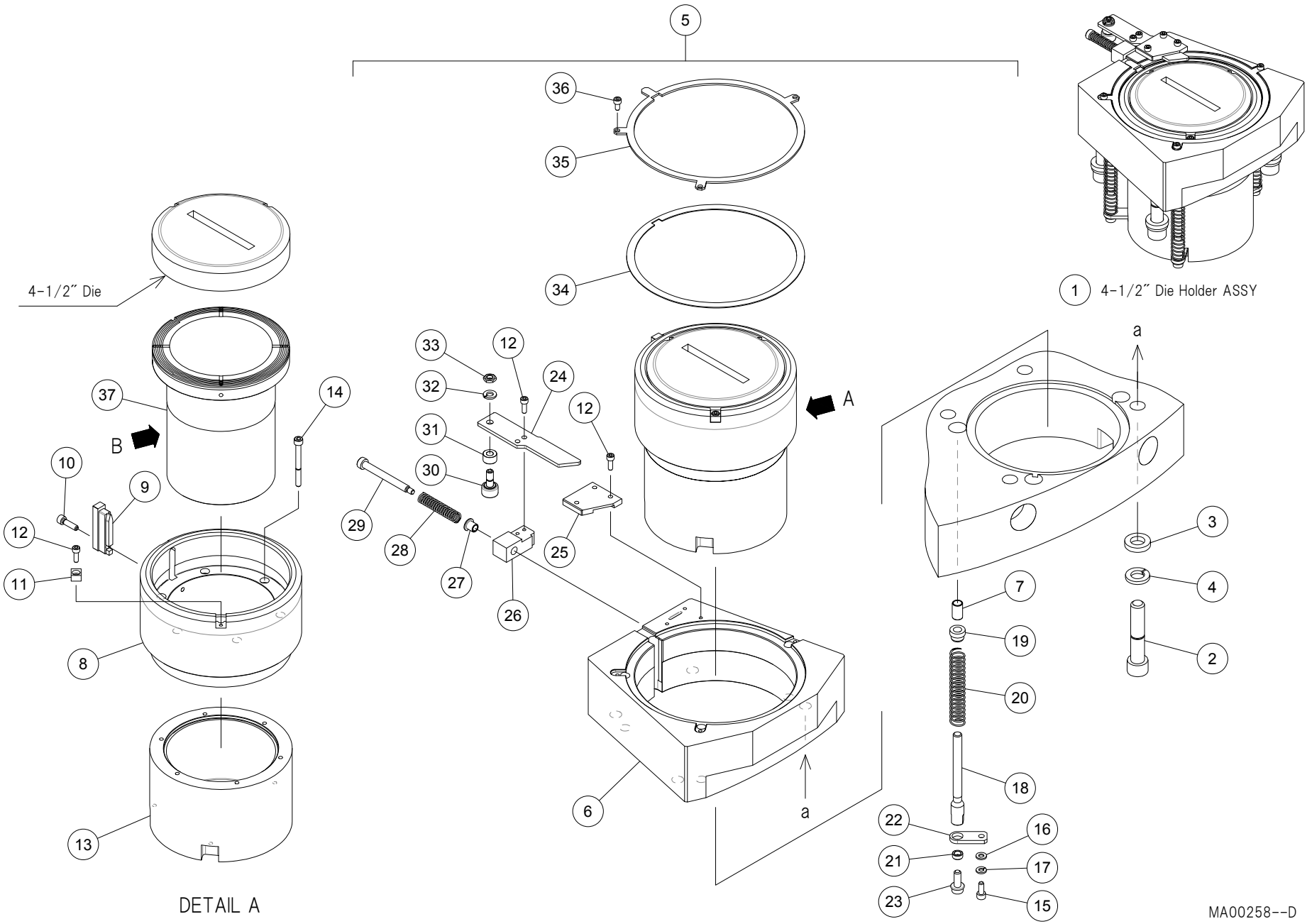
Unit No. 303 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tap Die Holder ASSY>

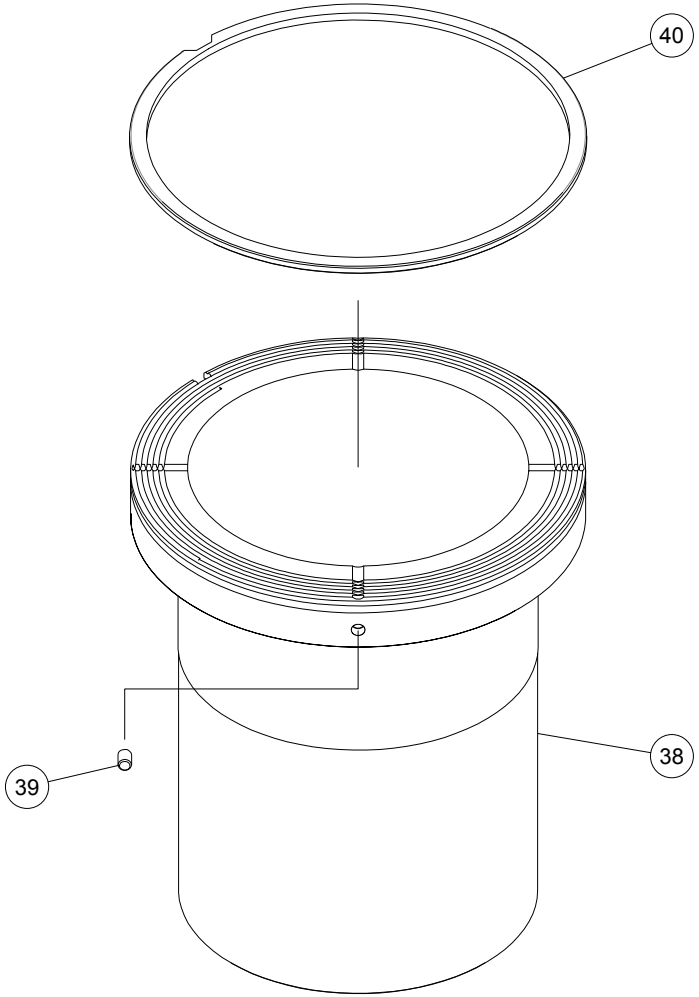
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

Unit No. 303 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1

Unit No. 304 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/2 <4-1/2" Die Holder ASSY>





DETAIL B

(37) Ejector Pipe Kit 4-1/2

MA02415---

Unit No. 304 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903503 MA00258--D	4-1/2" Die Holder ASSY	Index 2-40	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74402979 SPT0063--A	4-1/2" Die Holder ASSY	MA00590--BMA01275--AMA00595---MA02415--- & other Index 6-40	1
6	74900505 MA00590--B	4-1/2" Die Holder		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74402980 MA01275--A	Lifter Pipe 4-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74314403 P330210006	Hex Socket Cap Screw	M5X15	6

Unit No. 304 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <4-1/2" Die Holder ASSY>

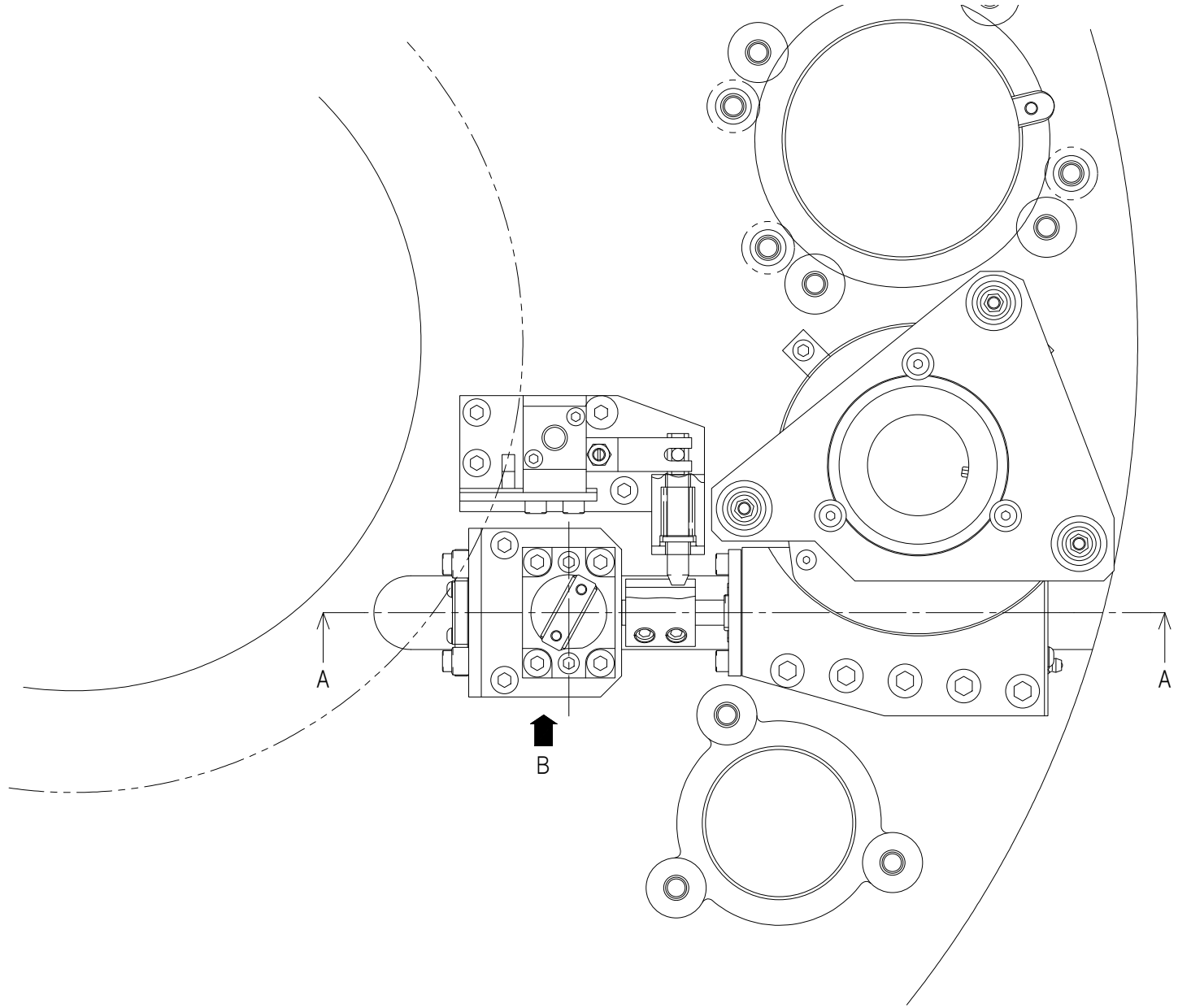
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900506 MA00595---	Lifter Ring 4-1/2"		1
14	74354328 P330220018	Hex Socket Cap Screw	M6X60	6
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
16	74159714 P336000005	Washer JIS	6(Normal)	3
17	74178737 P336050005	Spring Washer JIS	6	3
18	74900443 MA01278--A	Guide Shaft		3
19	74900444 MA01279--A	Spring Collar		3
20	74900446 MA01283---	Return Spring 3-1/2"		3
21	74402981 P336238284	Washer MISUMI	WSSB12-8-5	3
22	74900513 MA04624--A	Spring Block 4-1/2"		3
23	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
24	74900510 MA01281---	Slide Stopper 4-1/2"		1

Unit No. 304 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900511 MA01282---	Slide Stopper Holder 4-1/2"		1
26	74900448 MA01285---	Guide Holder		1
27	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
28	74900347 MA00287---	Spring		1
29	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900447 MA01284---	Color 3-1/2"		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74722743 P332000018	Nut JIS	M8(Thin)	1
34	74900504 MA00272---	Cover Seal 4-1/2"		1
35	74900507 MA00837---	Seal Cover 4-1/2"		1
36	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

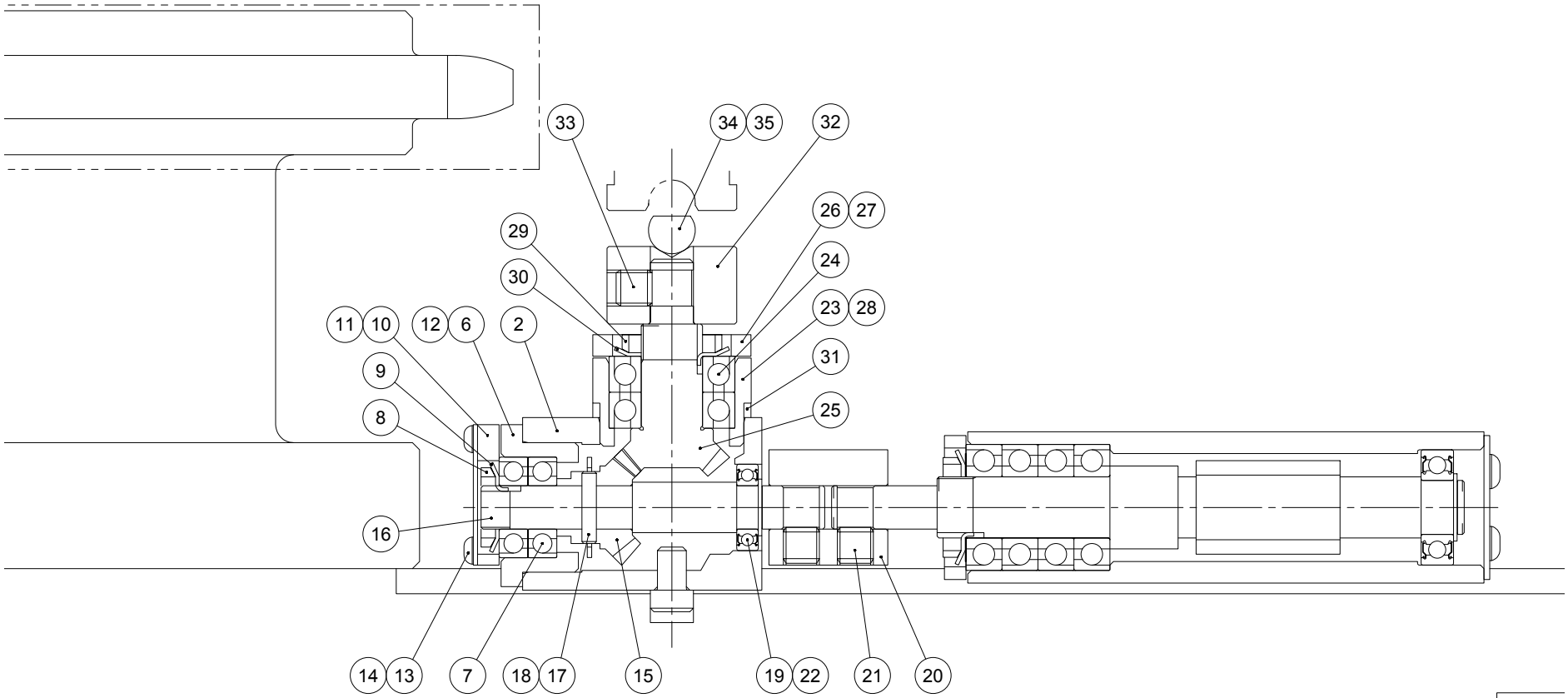
Unit No. 304 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <4-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900512 MA02415---	Ejector Pipe Kit 4-1/2	 Index 38-40	1
38	74900509 MA01277---	Ejector Pipe 4-1/2"	 	1
39	 7421419	Pin 1-1/4"	 	1
40	74900503 7831168---	Soft Wiper 4-1/2" SAKAGAMI	BHH-0158703F001 	1



(1) Turret Drive ASSY Upper

6813105 D



SECTION A-A

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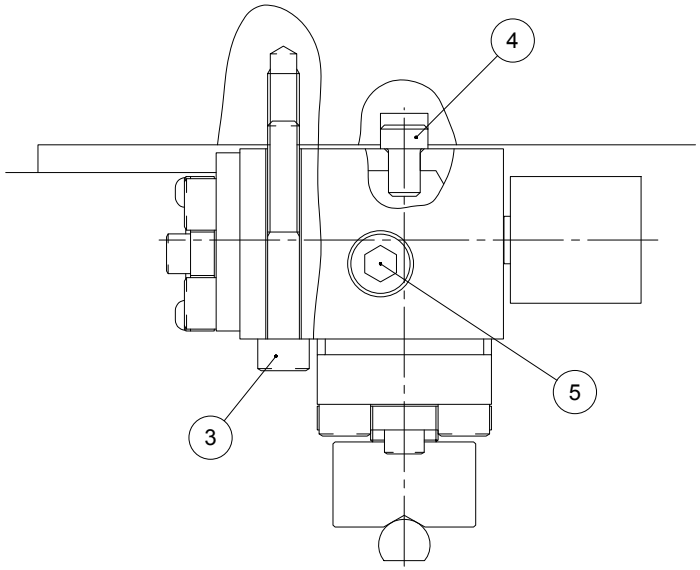
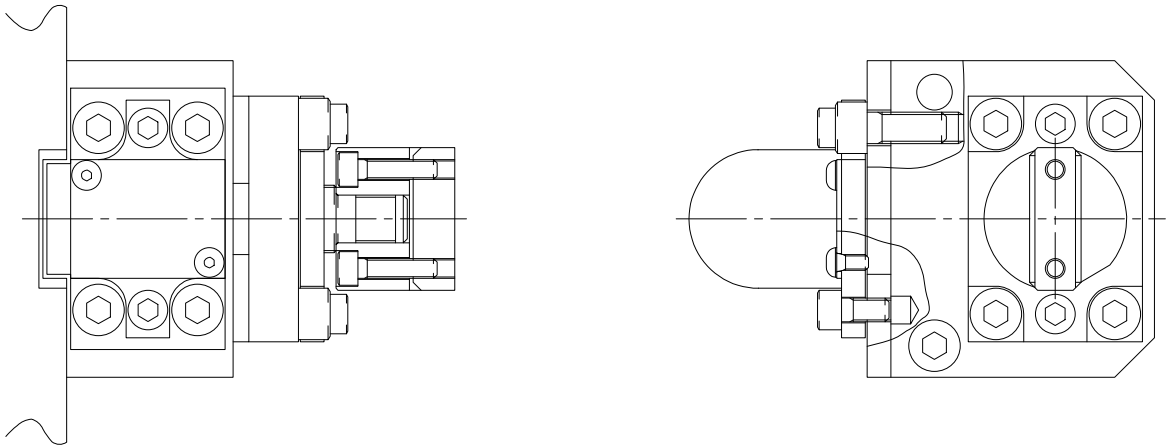




DETAIL B

6813105 D

Unit No. 305 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Upper>

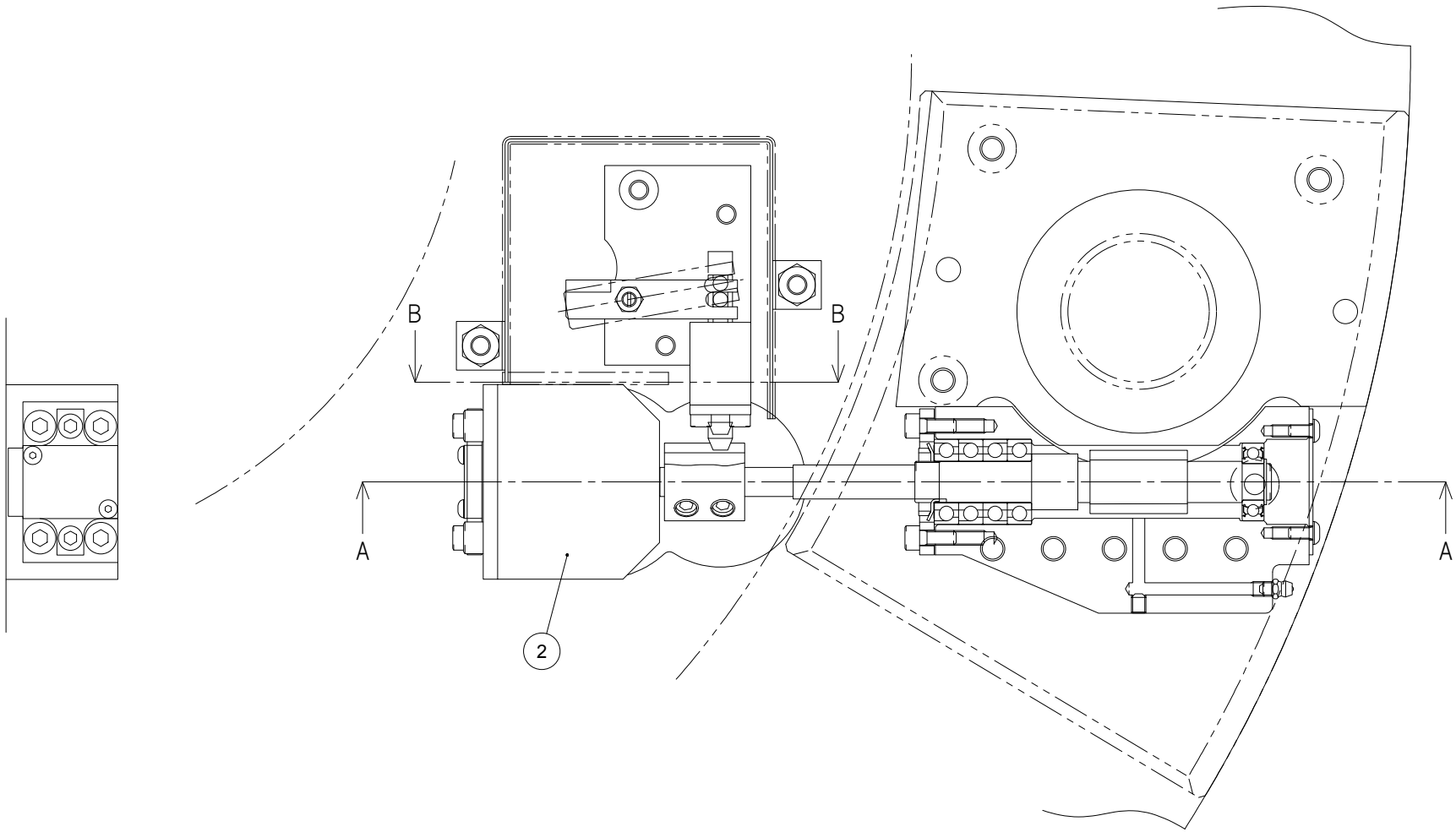
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	 Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 305 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

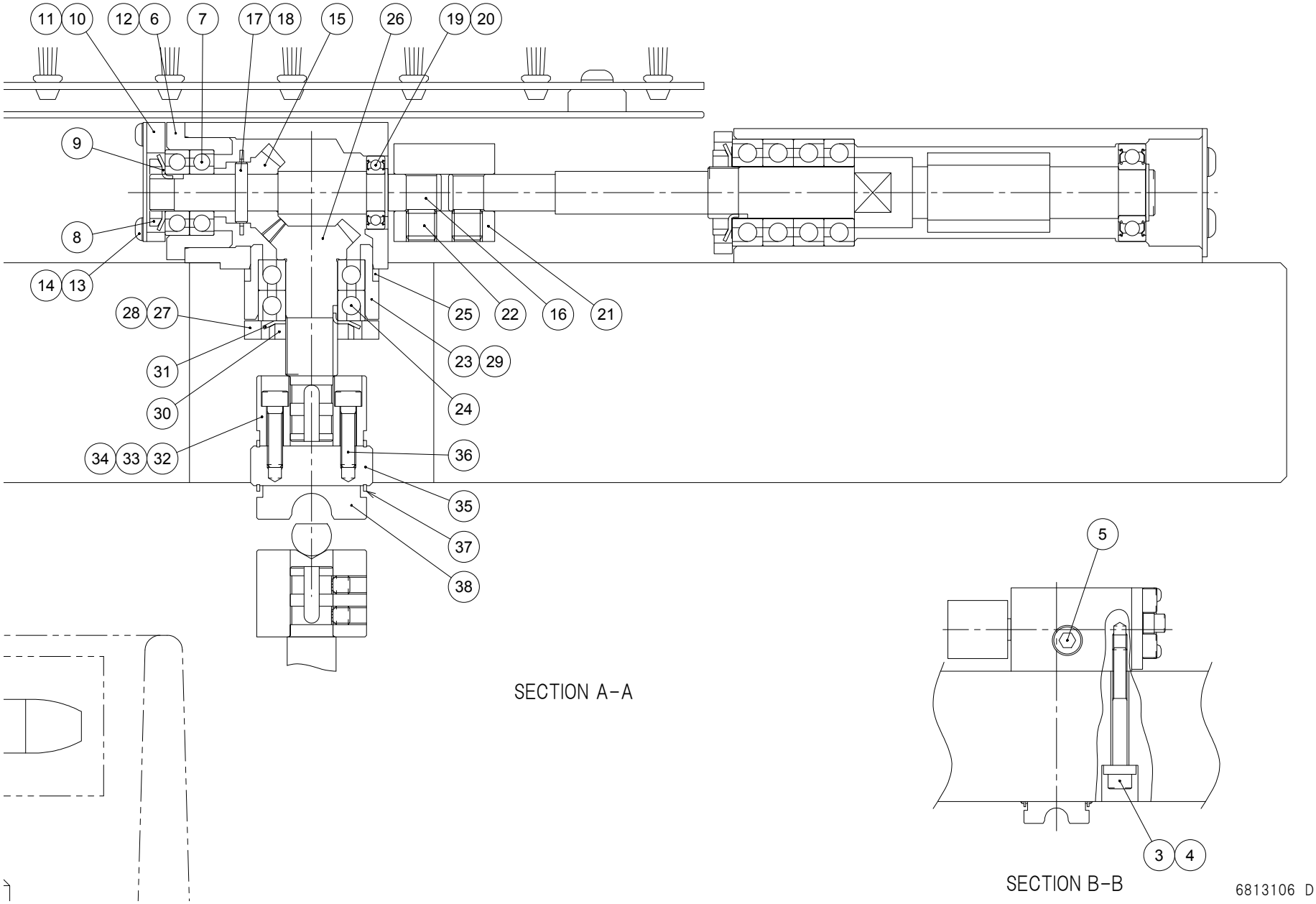
Unit No. 305 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2



(1) Turret Drive ASSY Lower

6813106 D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SECTION A-A
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SECTION B-B
6813106 D

Unit No. 306 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	 Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 306 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

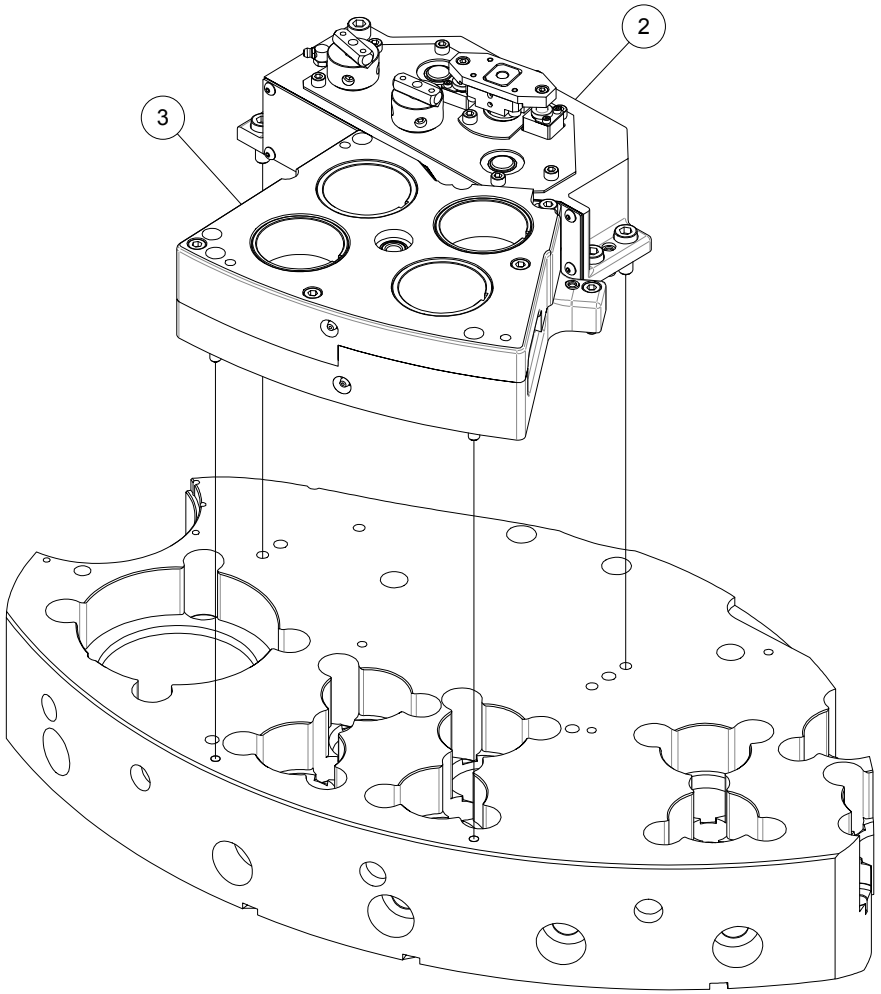
Unit No. 306 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 306 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
38	74379584 6501943 B	Clamp Shaft		1

Unit No. 307 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Built in Tap ASSY>



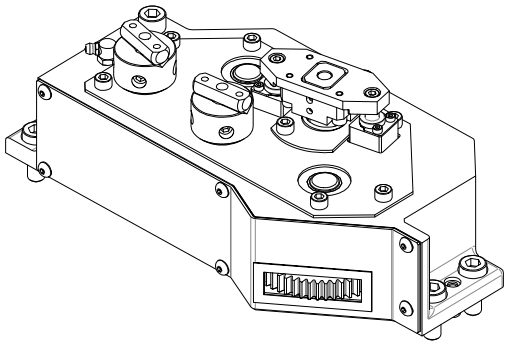
(1) Built in Tap ASSY

MA00867---
(MA00855---)
(3804910--B)

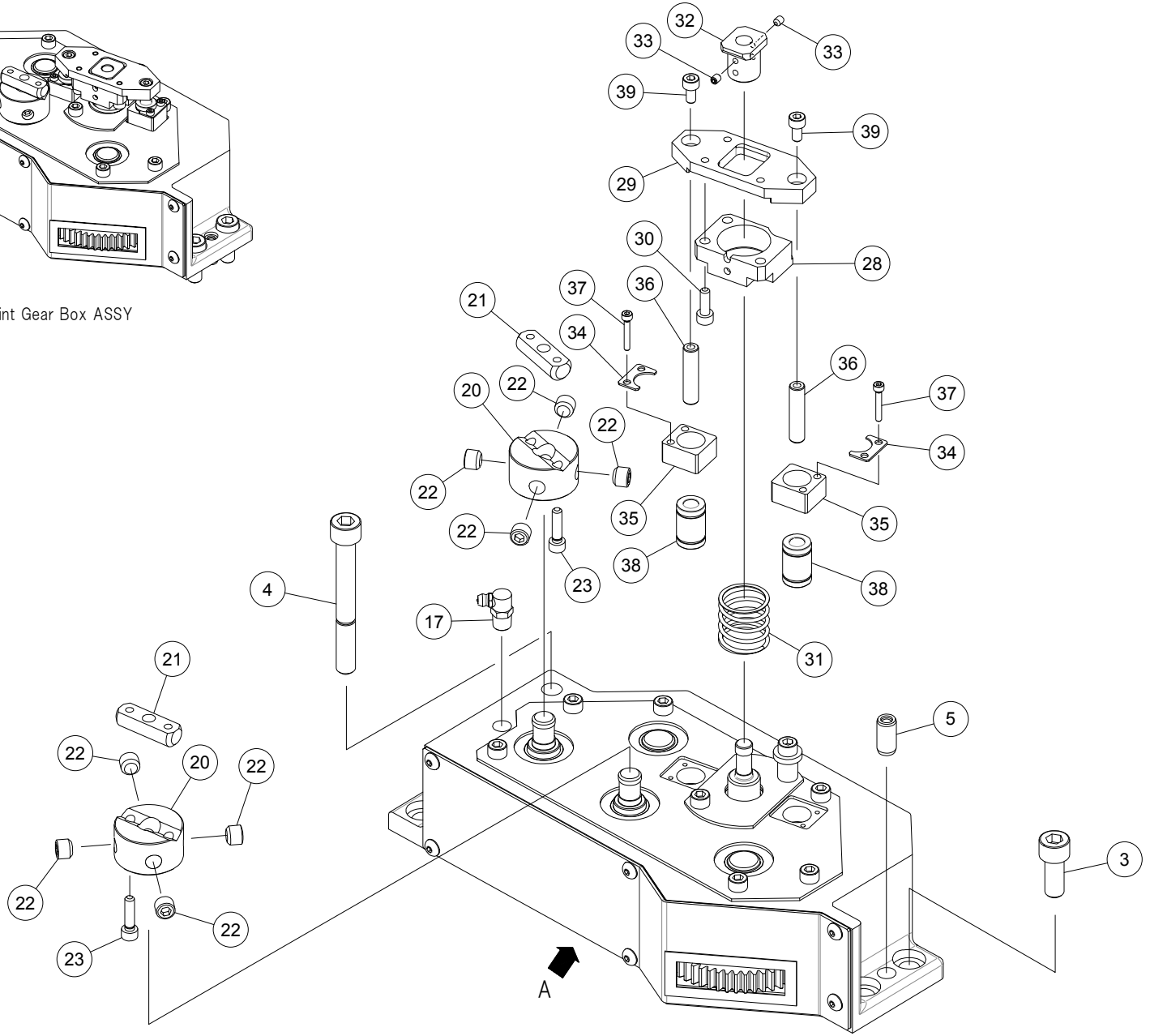
Unit No. 307 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Built in Tap ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 MA00855---	Point Gear Box ASSY		1
3	74900319 3804910--B	Tool Gear Box ASSY		1

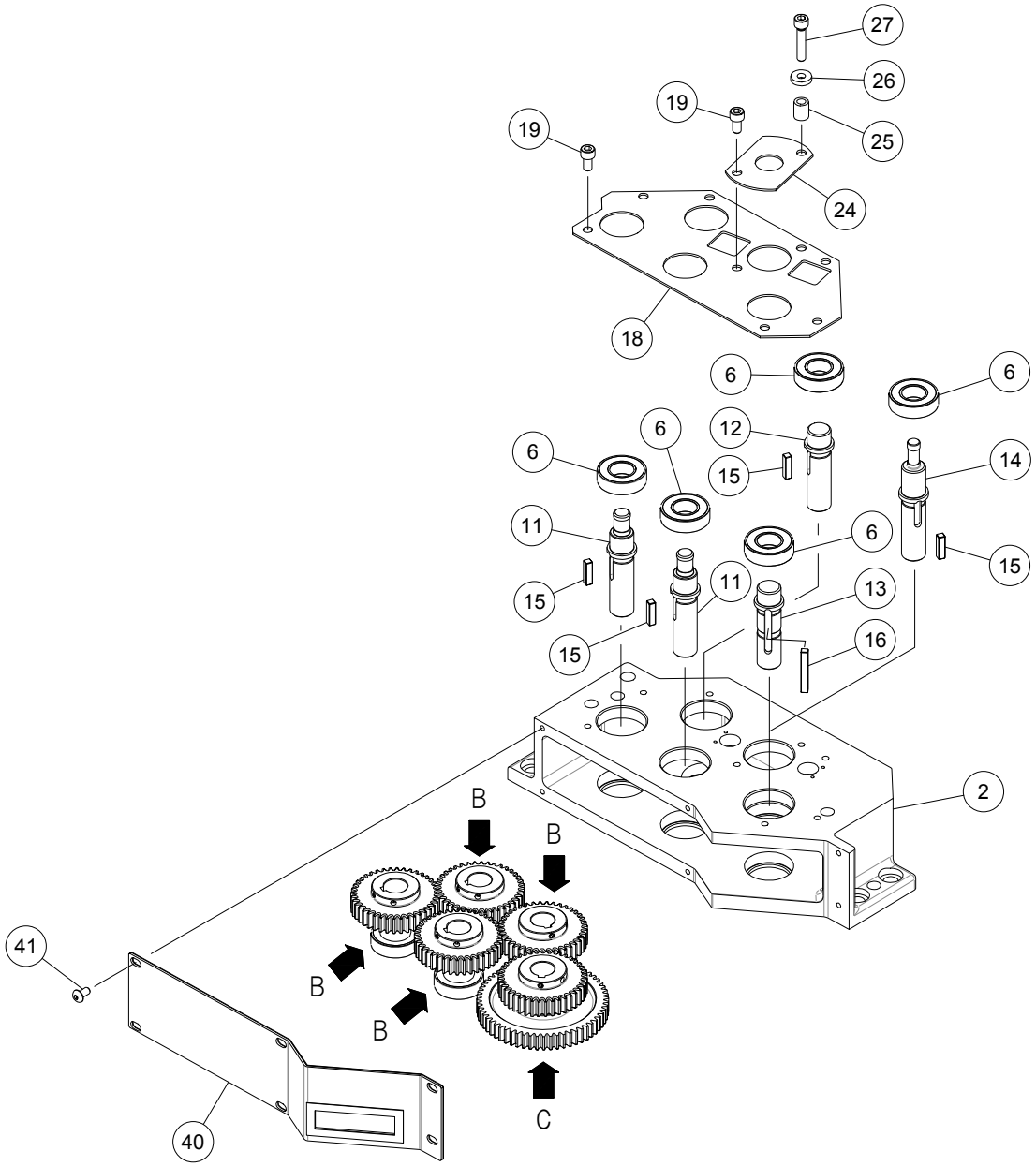
Unit No. 308 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/2 <Point Gear Box ASSY>



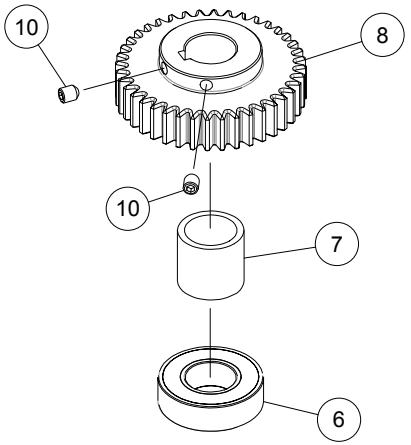
(1) Point Gear Box ASSY



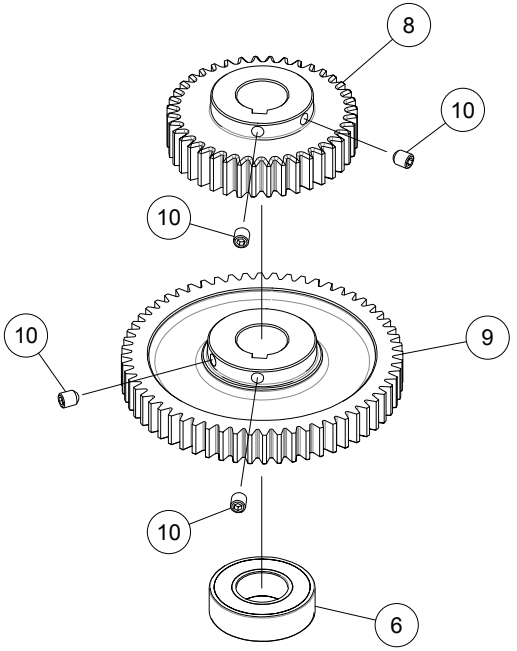
MA00855---



DETAIL A



DETAIL B



DETAIL C

MA00855---

Unit No. 308 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Point Gear Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 308 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

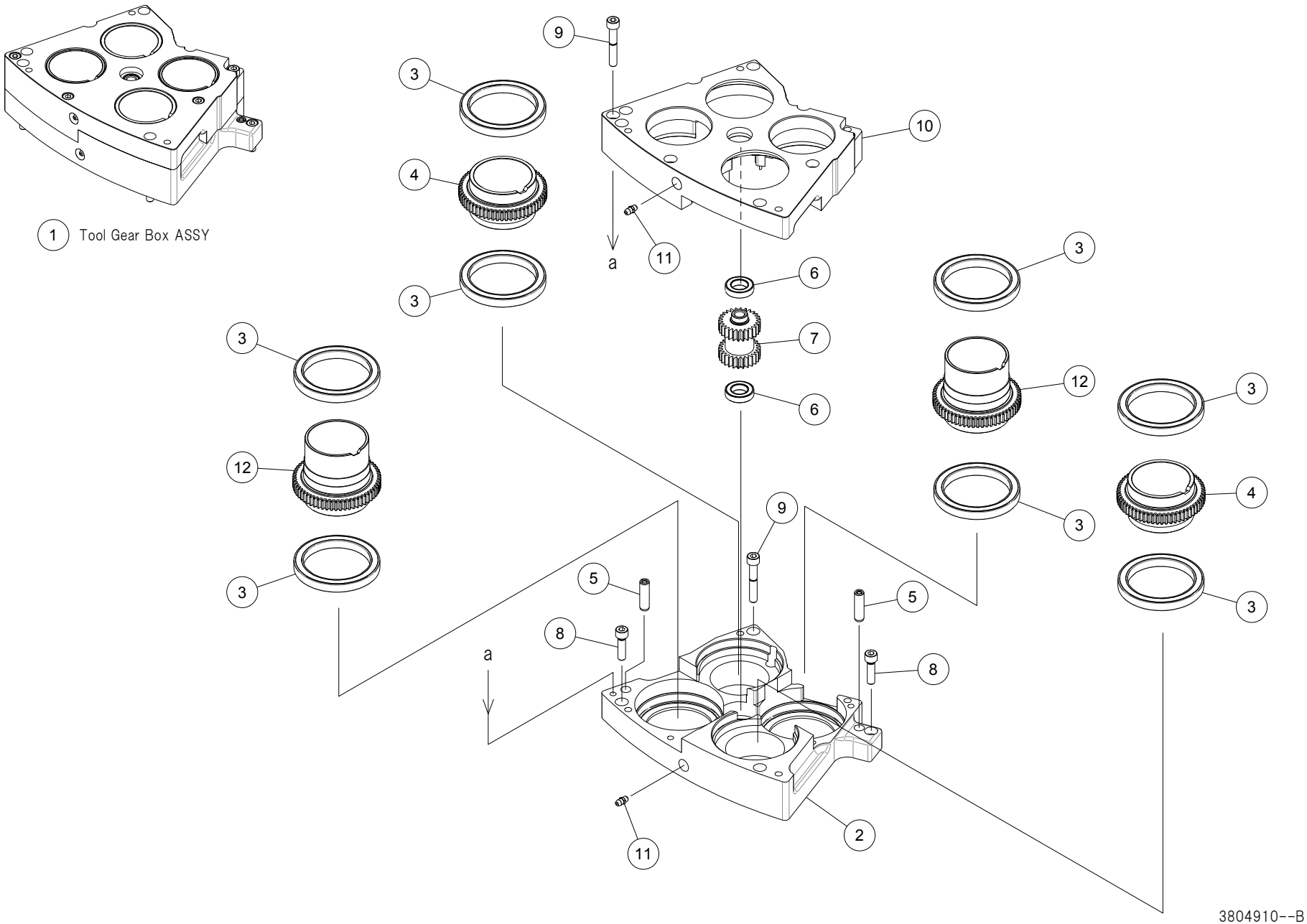
Unit No. 308 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 308 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 P446002014	LM Guide THK	LM8UU	2
39	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 MA00844---	Seal Cover		1
41	74183301 P334500009	Button Head Screw	M5X10	6

Unit No. 309 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tool Gear Box ASSY>

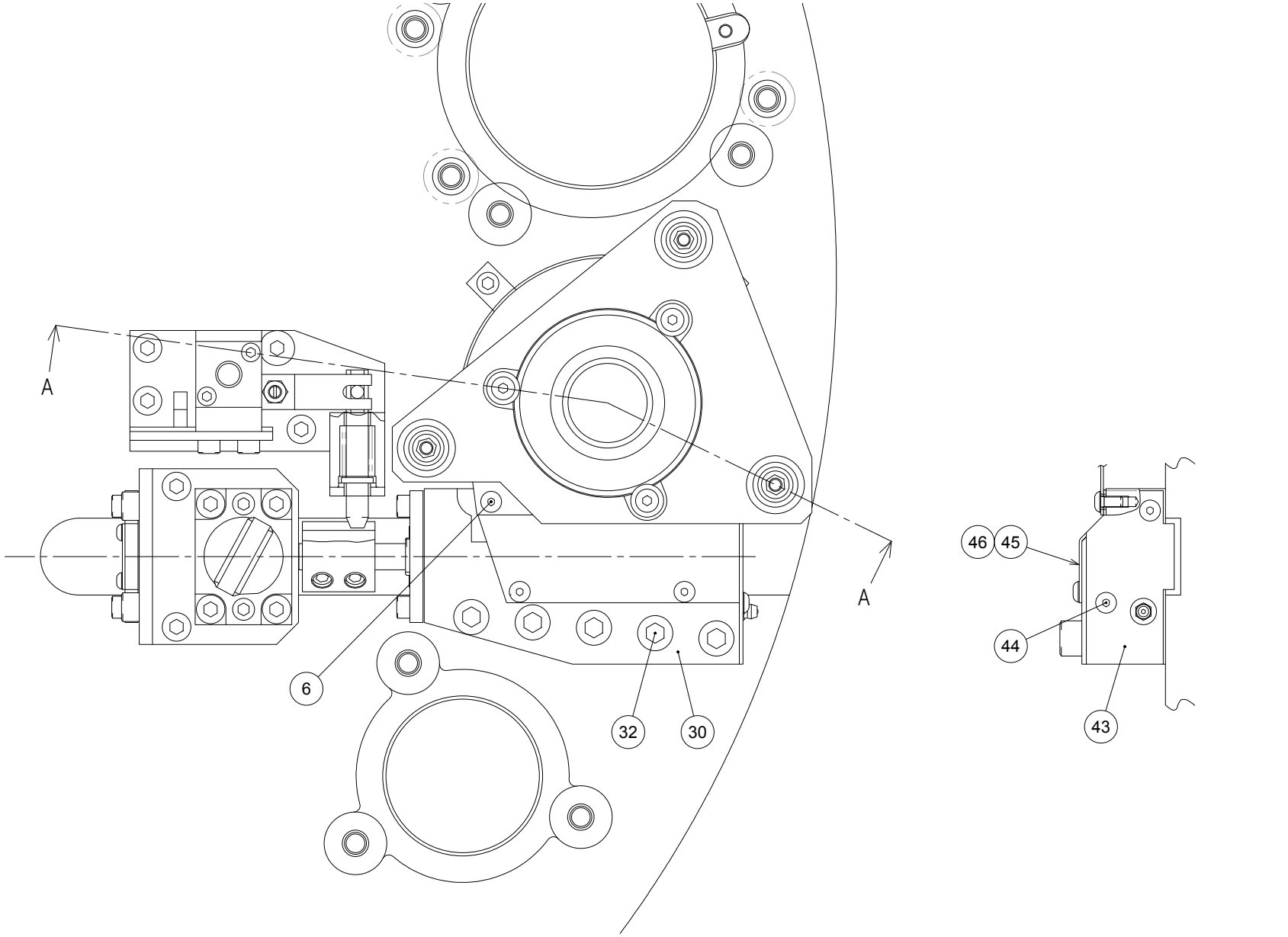


Unit No. 309 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tool Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

Unit No. 309 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Tool Gear Box ASSY>

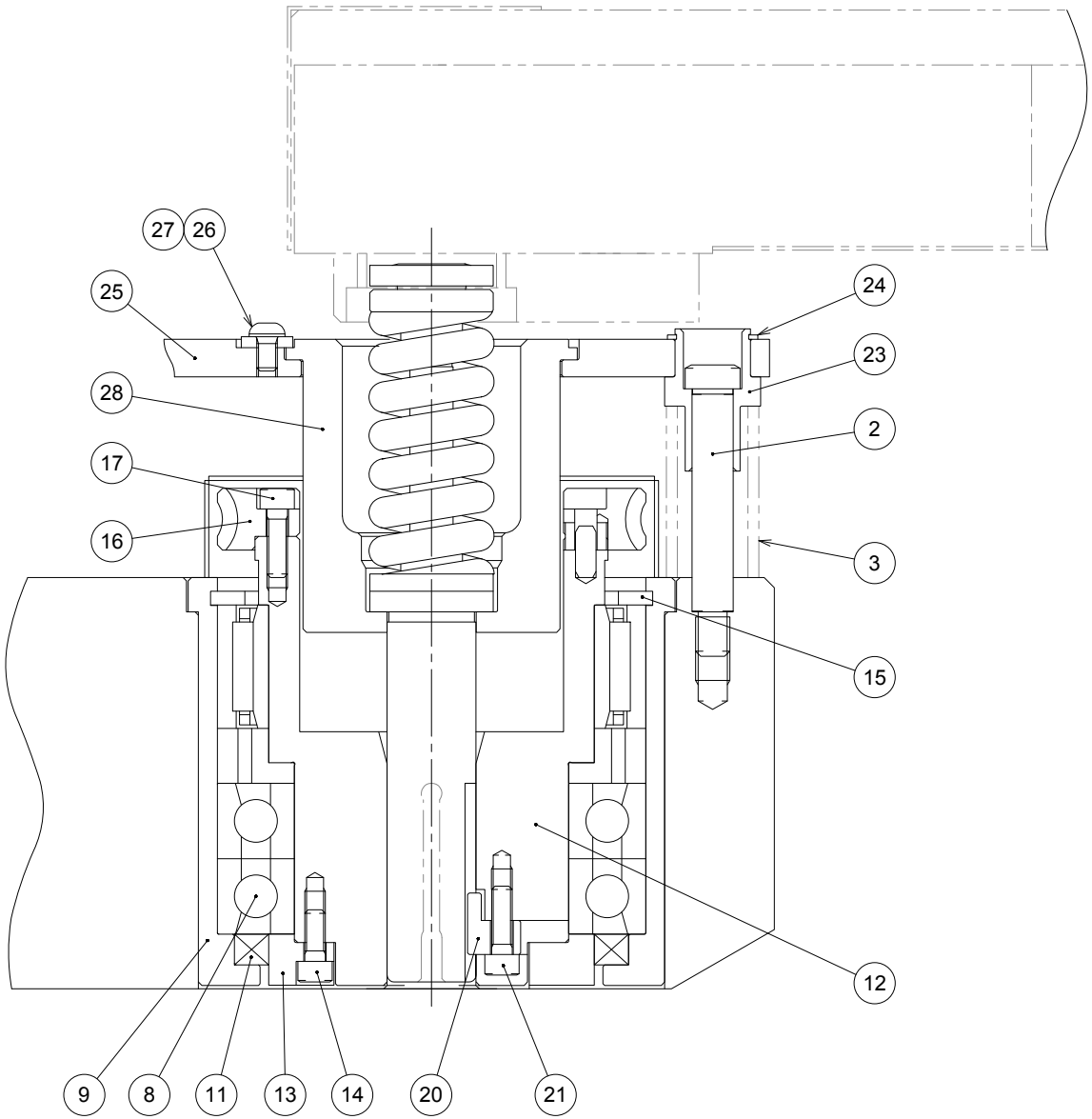
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	



(1) 1/2"AI Turret ASSY Upper

(29) Worm Housing U1 ASSY

6882940--B



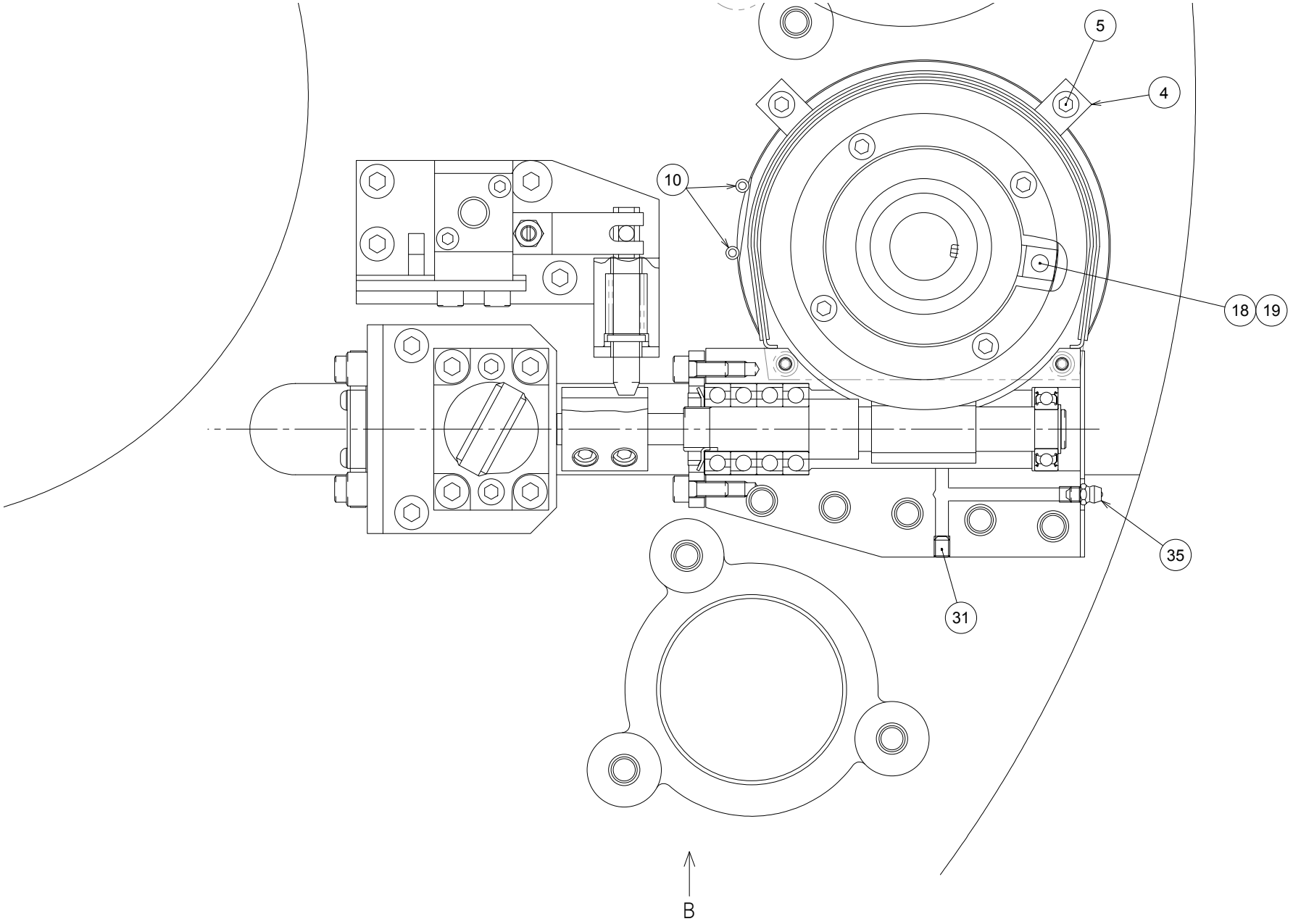
(22) Link Holder U1 ASSY

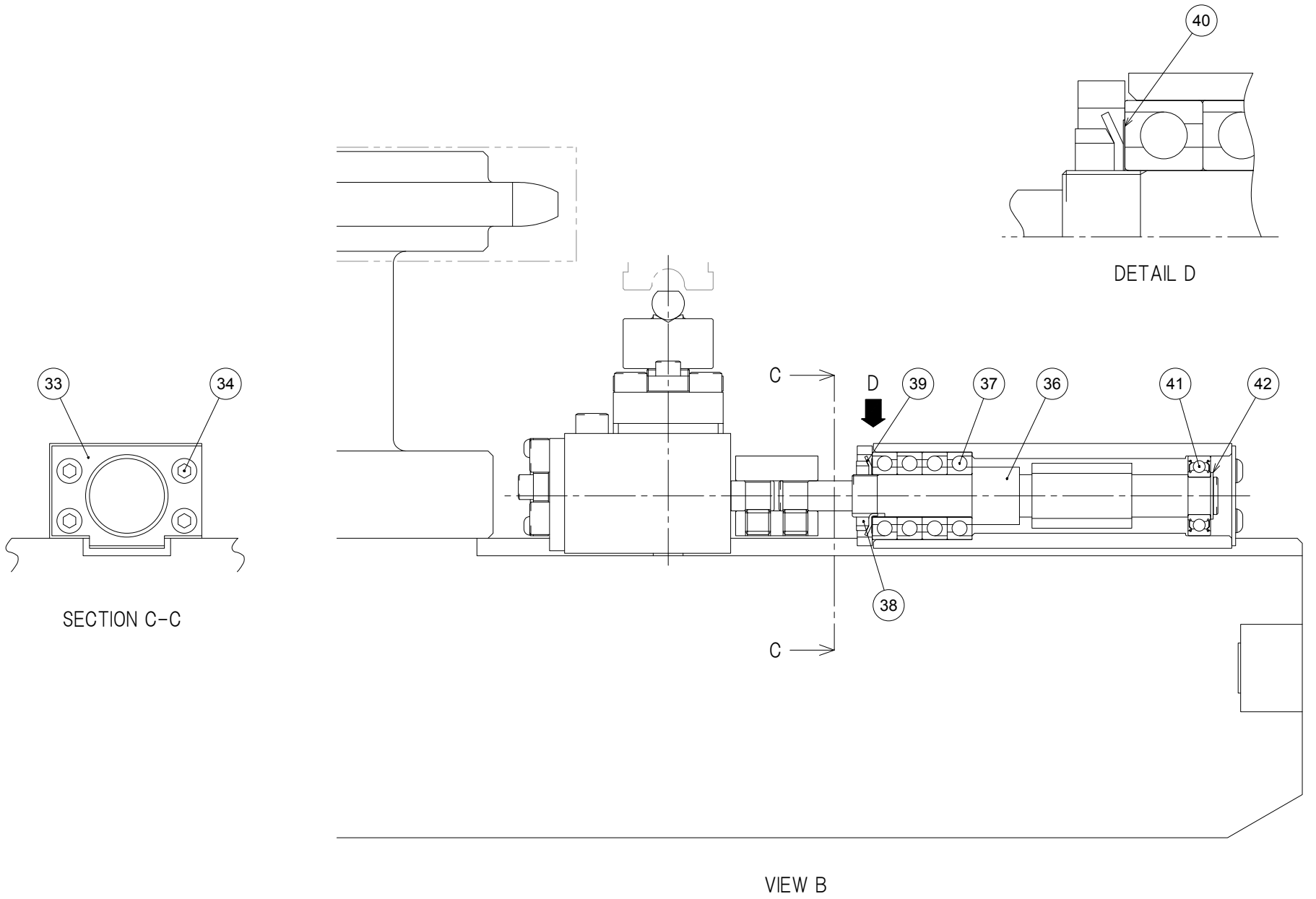
(7) Bearing Holder U1 ASSY

SECTION A-A

6882940--B

Unit No. 310 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-3/4 <1/2"AI Turret ASSY Upper>

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SECTION C-C
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VIEW B
6882940--B

Unit No. 310 Turret Al(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6882940--B	1/2"AI Turret ASSY Upper	Index 2-46	1
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74453067 6882944	Wheel Cover 1/2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74403016 6882941--A	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74453059 6882813	Guide Holder 1/2"		1

Unit No. 310 Turret Al(32ST-4Al)E-1/2"Al(1-1/4"X2) <1/2"Al Turret ASSY Upper>

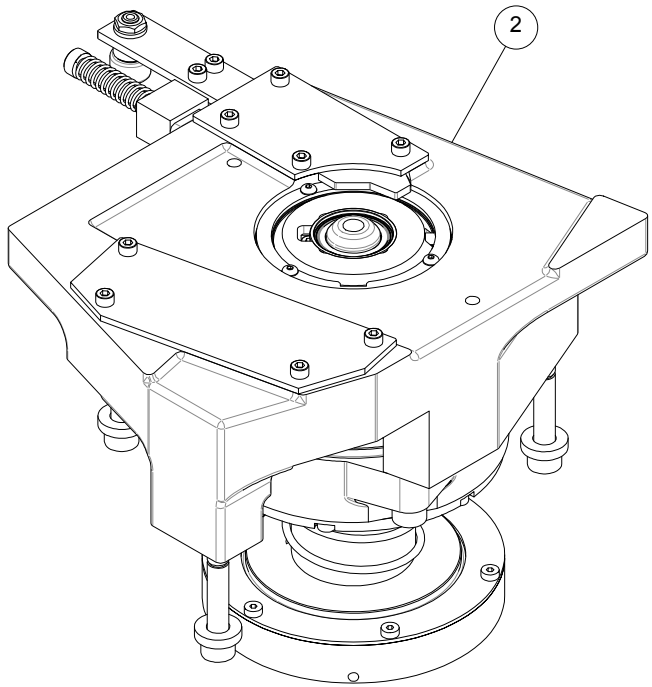
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74453060 6882945	Worm Wheel Upper		1
17	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6882942	Link Holder U1 ASSY	 Index 23-28	1
23	74453061 6882946	Lifter Collar 1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

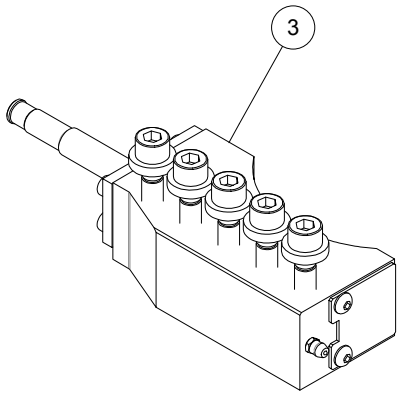
Unit No. 310 Turret Al(32ST-4Al)E-1/2"Al(1-1/4"X2) <1/2"Al Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74453062 6882947	Link Holder 1/2"		1
26	74732449 0821819 A	Washer M6		3
27	74183302 P334500013	Button Head Screw	M6X10	3
28	74453063 6882948	Lifter Ring 1/2"		1
29	74901441 6882943	Worm Housing U1 ASSY	Index 30-46	1
30	74453064 6882949	1/2" Worm Housing U		1
31	74183123 P330550025	Socket Set Screw JIS	M6X8(Flat Point)	1
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 310 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
38	74183501 P406030002	Lock Nut JIS	AN-03	1
39	74183510 P406040002	Locking Washer JIS	AW-03	1
40	74313812 0822398	Seal		1
41	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
42	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
43	74453065 6882950 A	Cover 1		1
44	74183301 P334500009	Button Head Screw	M5X10	2
45	74453066 6882951	Cover 2		1
46	74183301 P334500009	Button Head Screw	M5X10	2





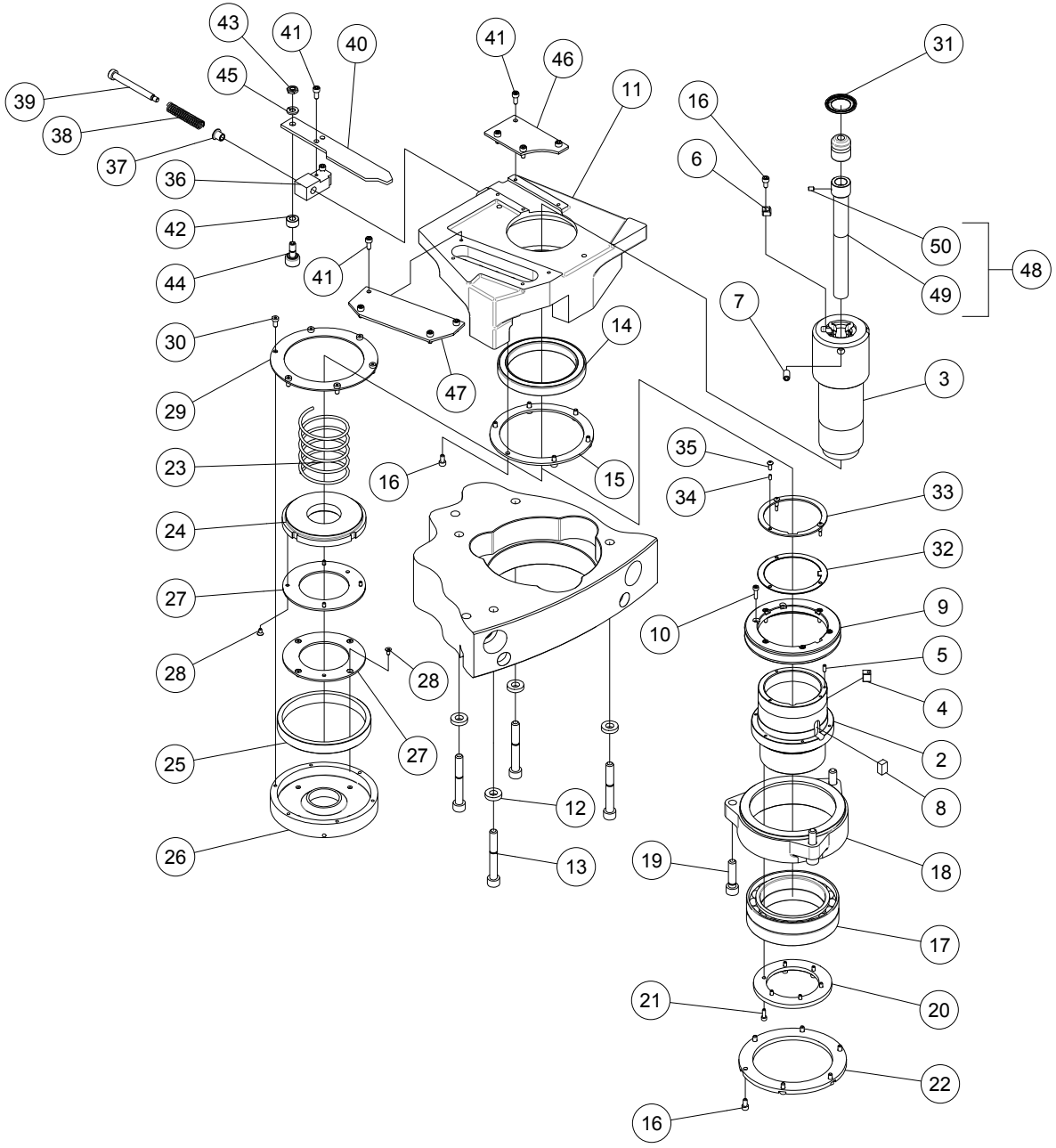
(1) 1/2"AI Turret ASSY Lower

MA08306---

Unit No. 311 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08306---	1/2"AI Turret ASSY Lower	Index 23	1
2	MA08299---	Bearing Holder LH ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>



(1) Bearing Holder LH ASSY

MA08299---

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08299---	Bearing Holder LH ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401944 MA08300---	Lifter Pipe 1/2		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74315024 P338182011	Ball Plunger JEC	BP-8-H	2
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>

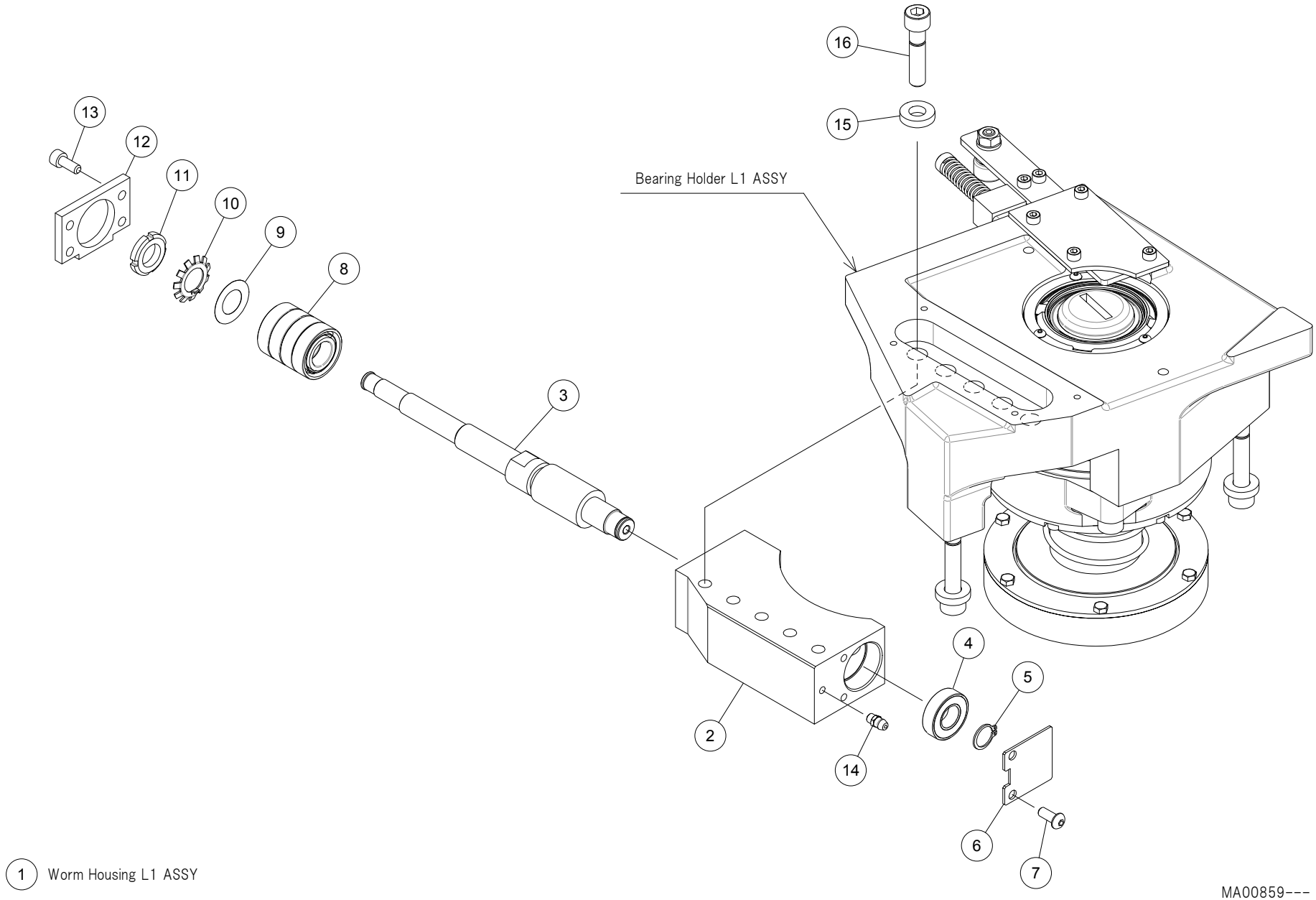
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74387444 7400894 B	Cover Seal 1/2"		1
32	74901444 MA04627---	Cover Seal 1/2AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 4950	1

Unit No. 312 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900361 MA00571---	Ejector Pipe 1/2"		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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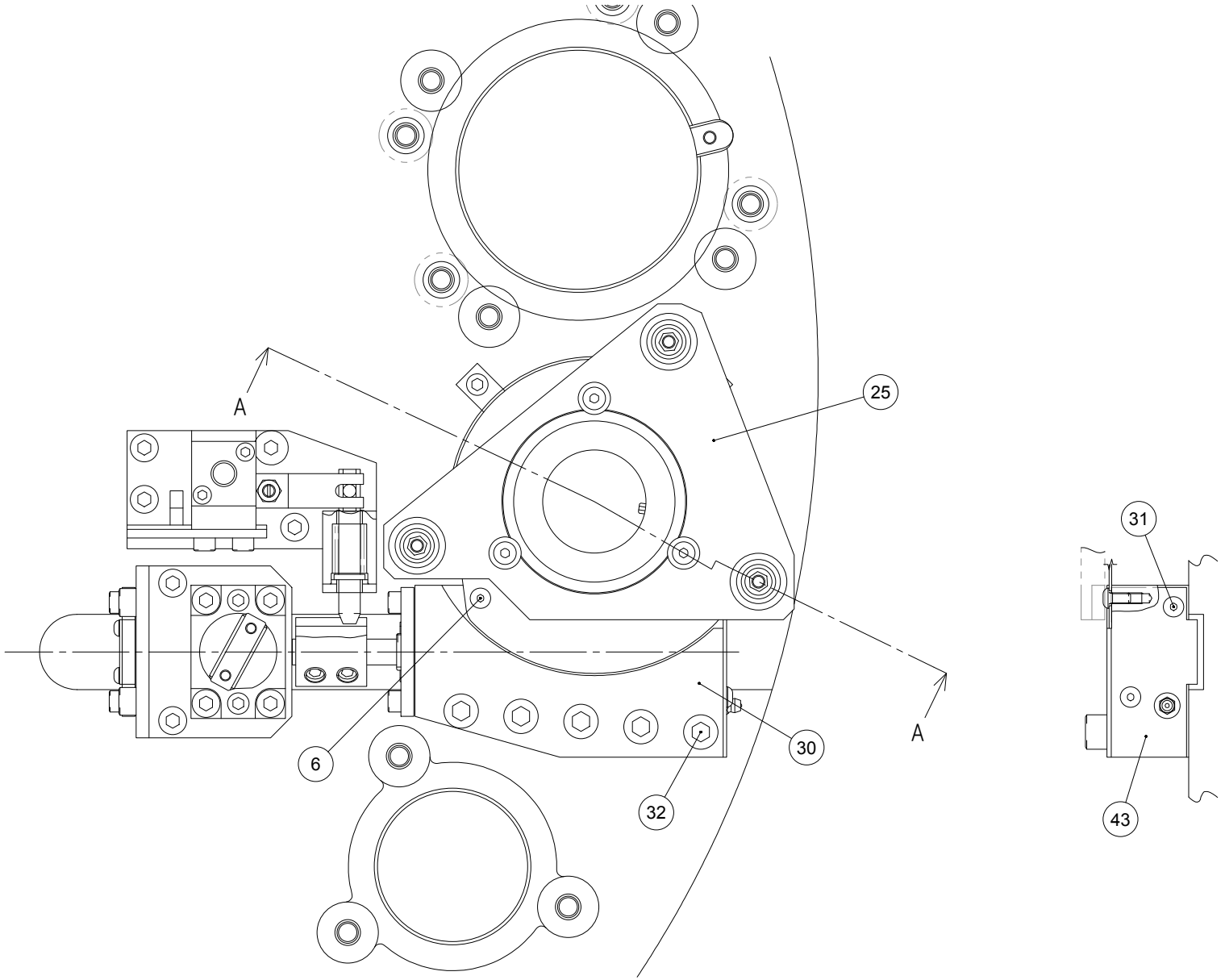
1 Worm Housing L1 ASSY
MA00859---

Unit No. 313 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	 Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

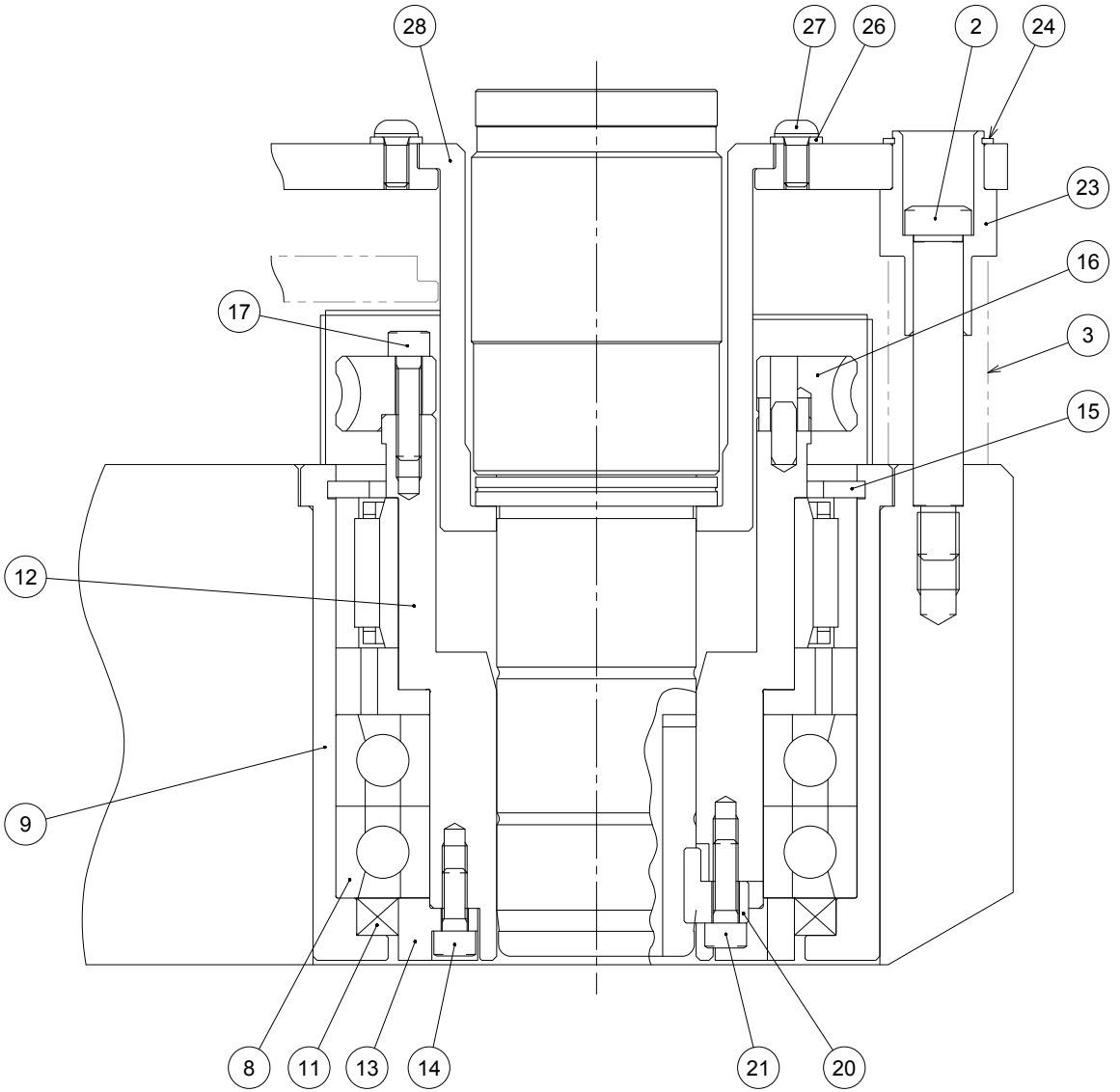
Unit No. 313 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

6875440--C

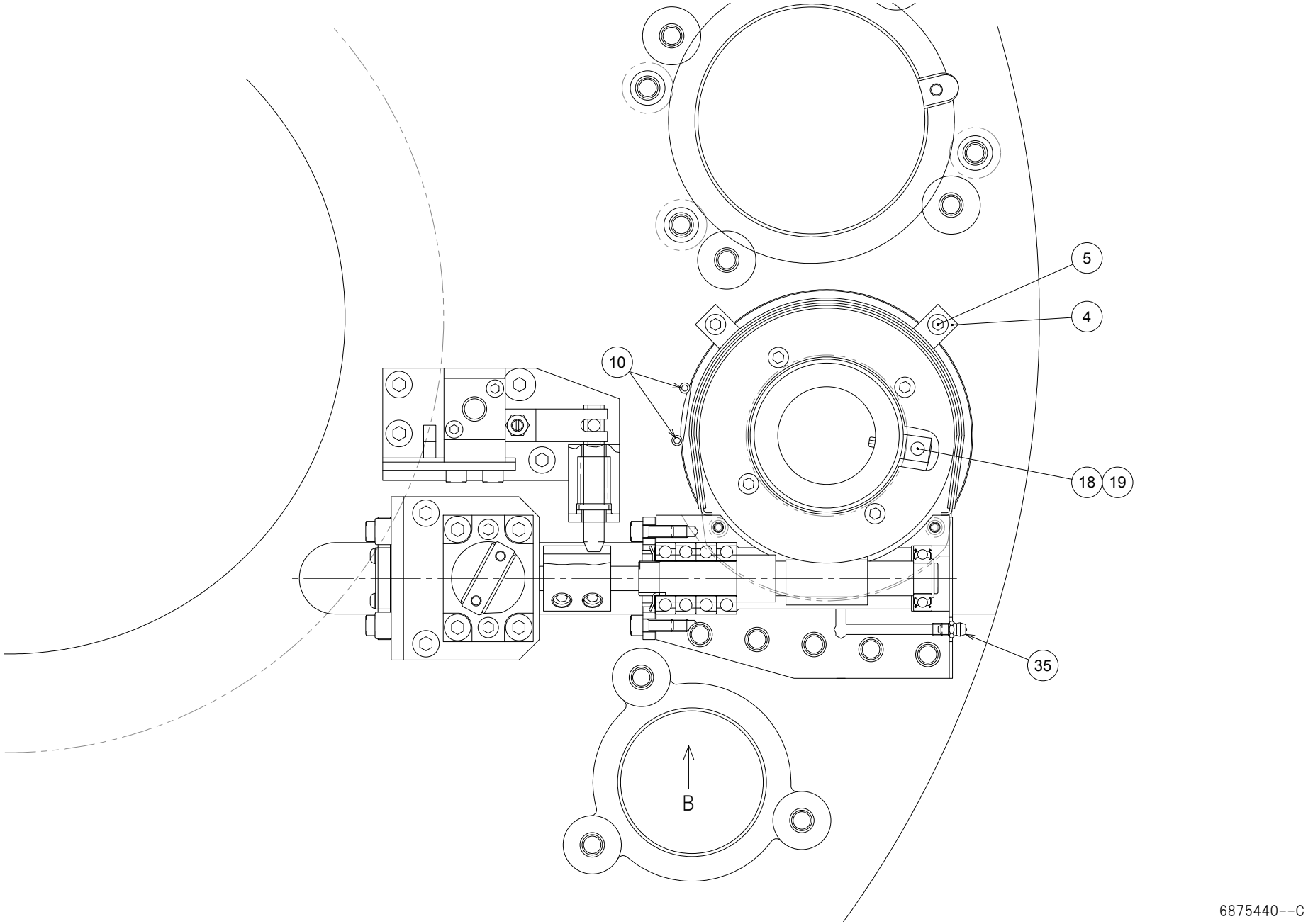


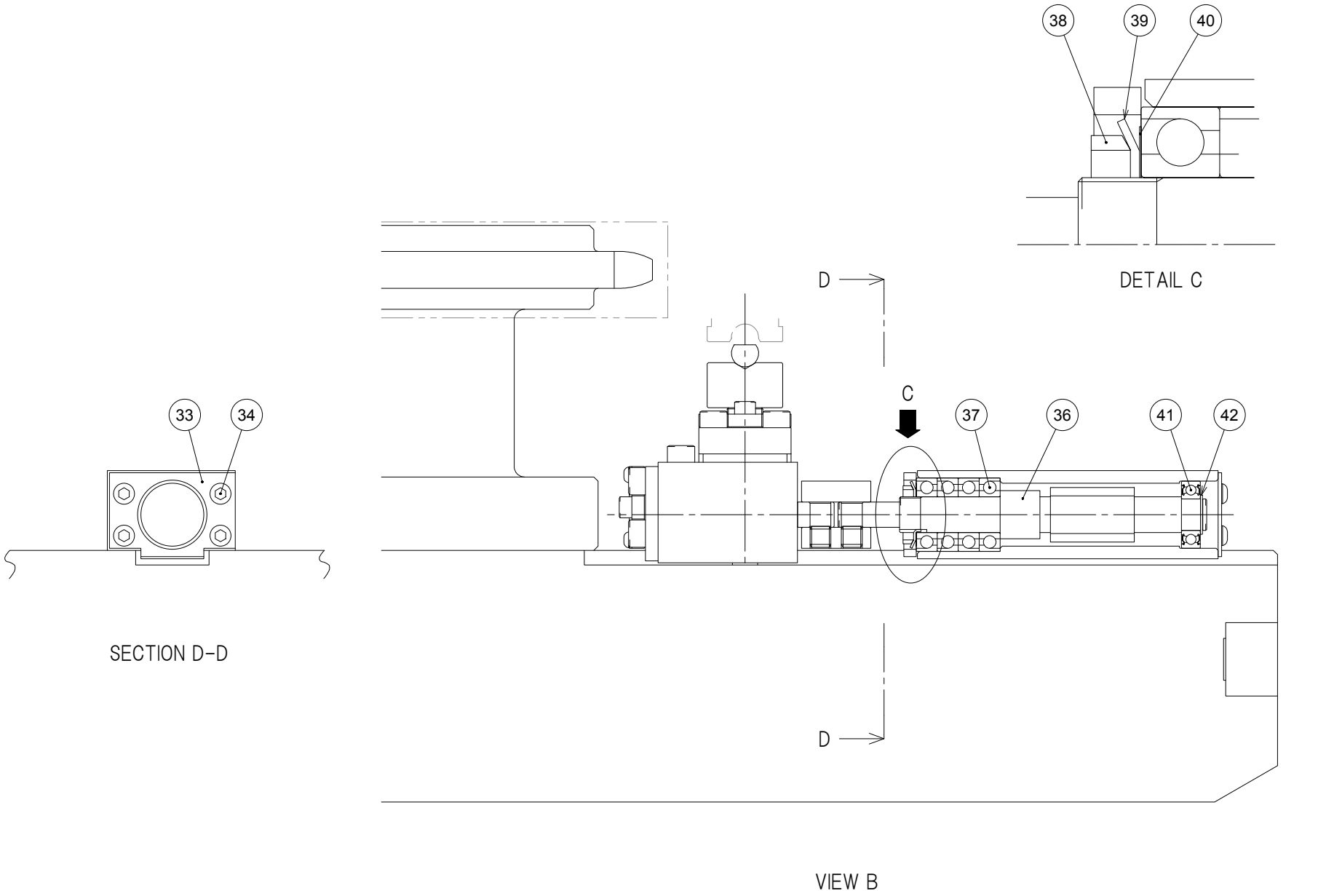
(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C

Unit No. 314 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-3/4 <1-1/4" AI Turret ASSY Upper>

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6875440--C

Unit No. 314 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 314 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" AI Turret ASSY Upper>

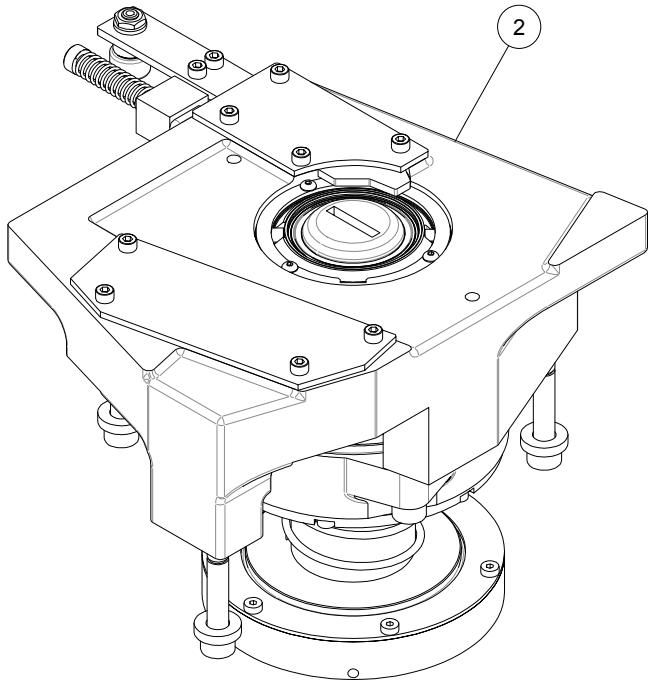
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

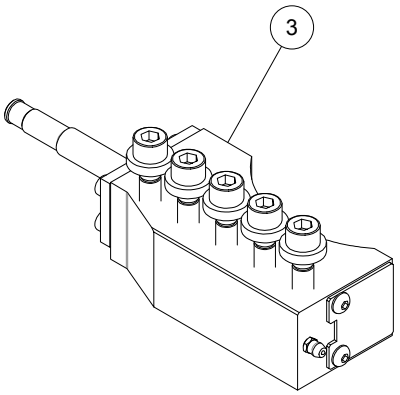
Unit No. 314 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 314 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
38	74183501 / P406030002	Lock Nut / JIS	AN-03	1
39	74183510 / P406040002	Locking Washer / JIS	AW-03	1
40	74313812 / 0822398	Seal		1
41	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
42	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
43	74322202 / 6501959	Cover		1





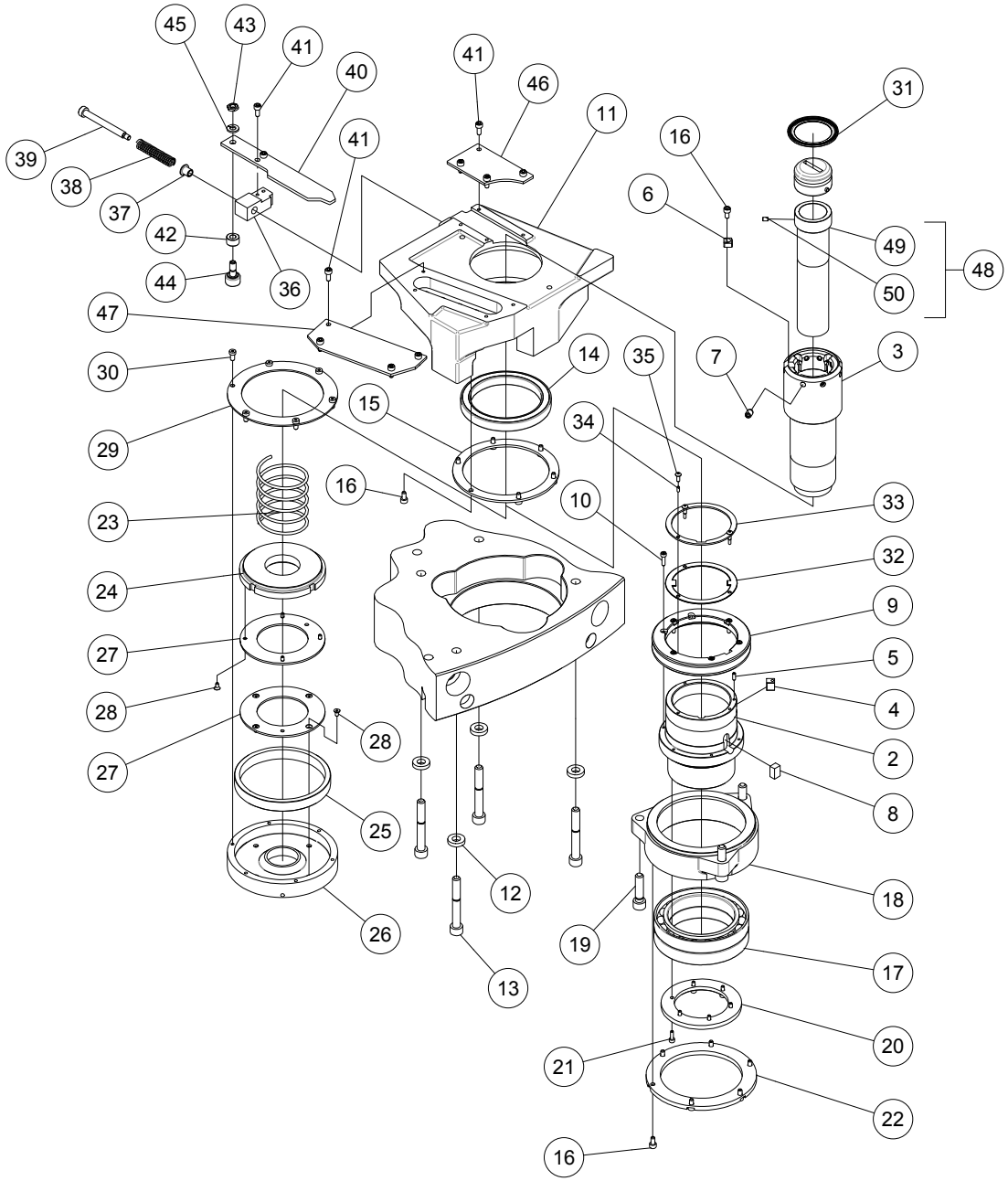
(1) 1-1/4"AI Turret ASSY Lower

MA08305---

Unit No. 315 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 / P330240017	Hex Socket Cap Screw / MOURI	M10X75	4
14	74900657 / P400010608	Deep Groove Ball Bearing / NSK & others	6818ZZ	1
15	74900419 / MA00856---	Bearing Stopper Upper		1
16	74183604 / P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 / P404024083	Complex Bearing / NTN	7917UADDB/GLP5	1
18	74900392 / MA00678---	Bearing Holder L		1
19	74183642 / P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 / MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 / P330200016	Hex Socket Cap Screw / JIS	M4X12	6
22	74900420 / MA00857---	Bearing Stopper Lower		1
23	74900396 / MA00682---	Return Spring 1-1/4AI		1
24	74900393 / MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>

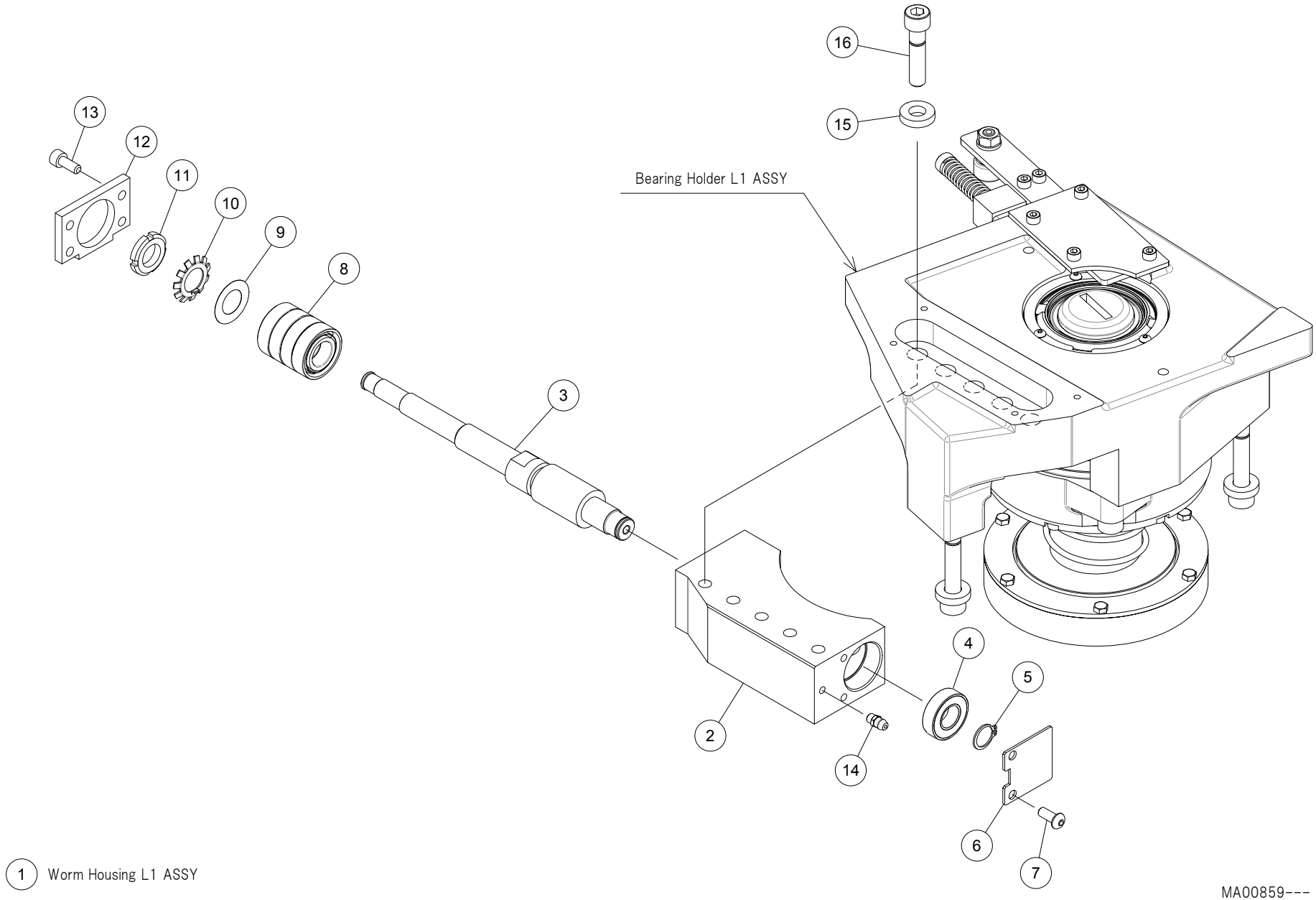
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 316 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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1 Worm Housing L1 ASSY
MA00859---

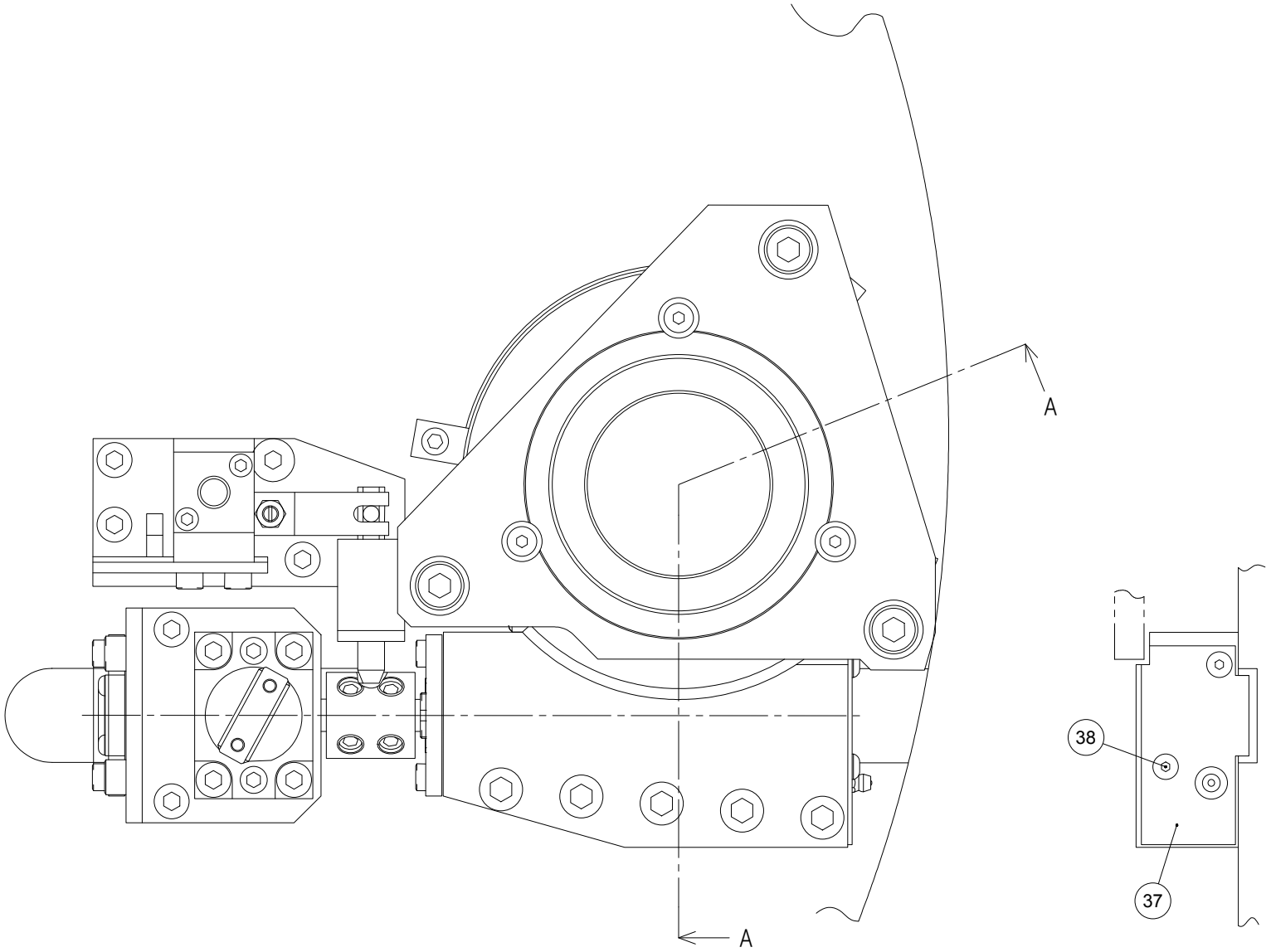
Unit No. 317 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

Unit No. 317 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L1 ASSY>

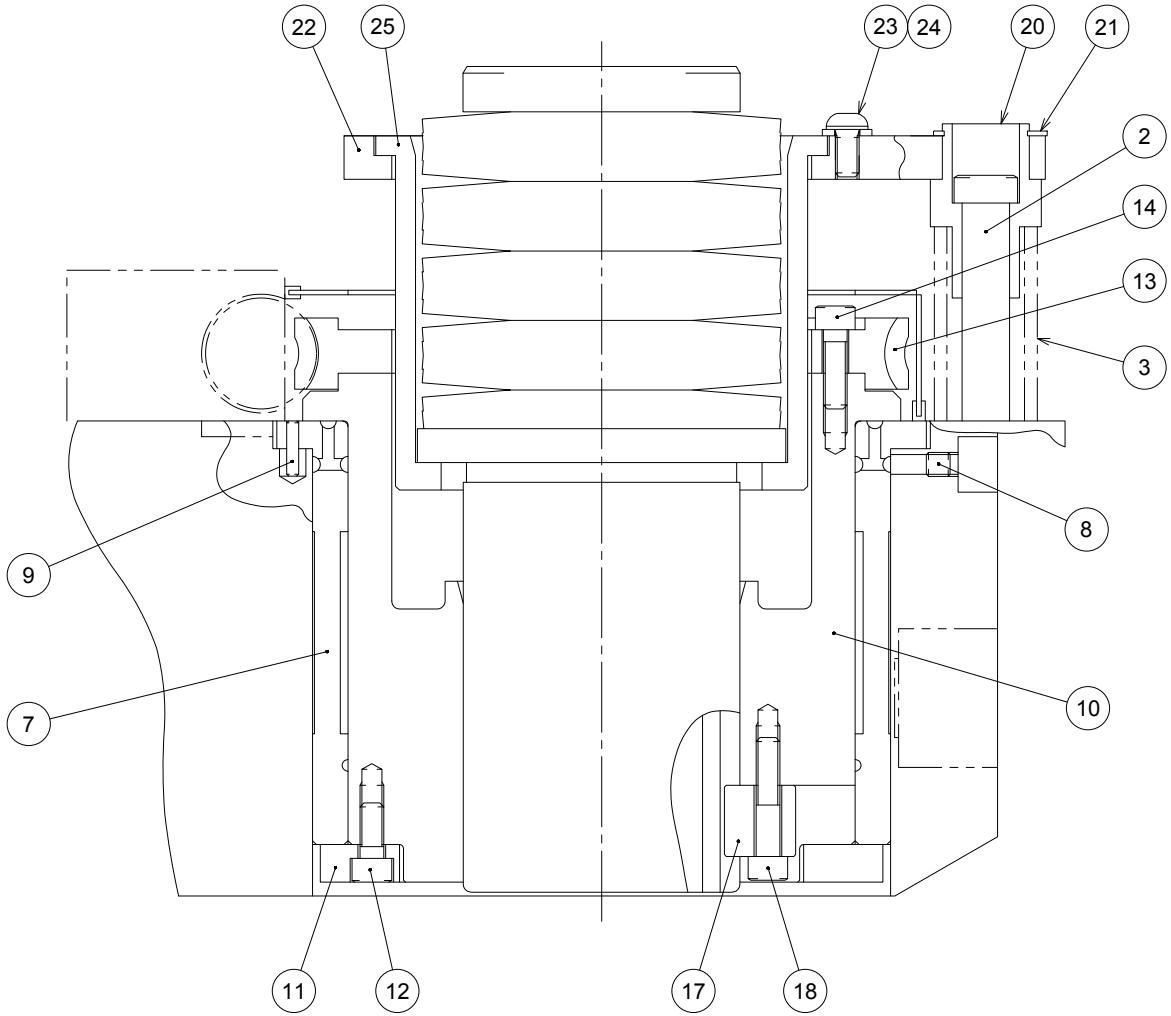
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5

Unit No. 318 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/4 <2"AI Turret ASSY Upper>



(1) 2″AI Turret ASSY Upper (6) Bearing Holder U2 ASSY (19) Link Holder U2 ASSY (26) Worm Housing U2 ASSY

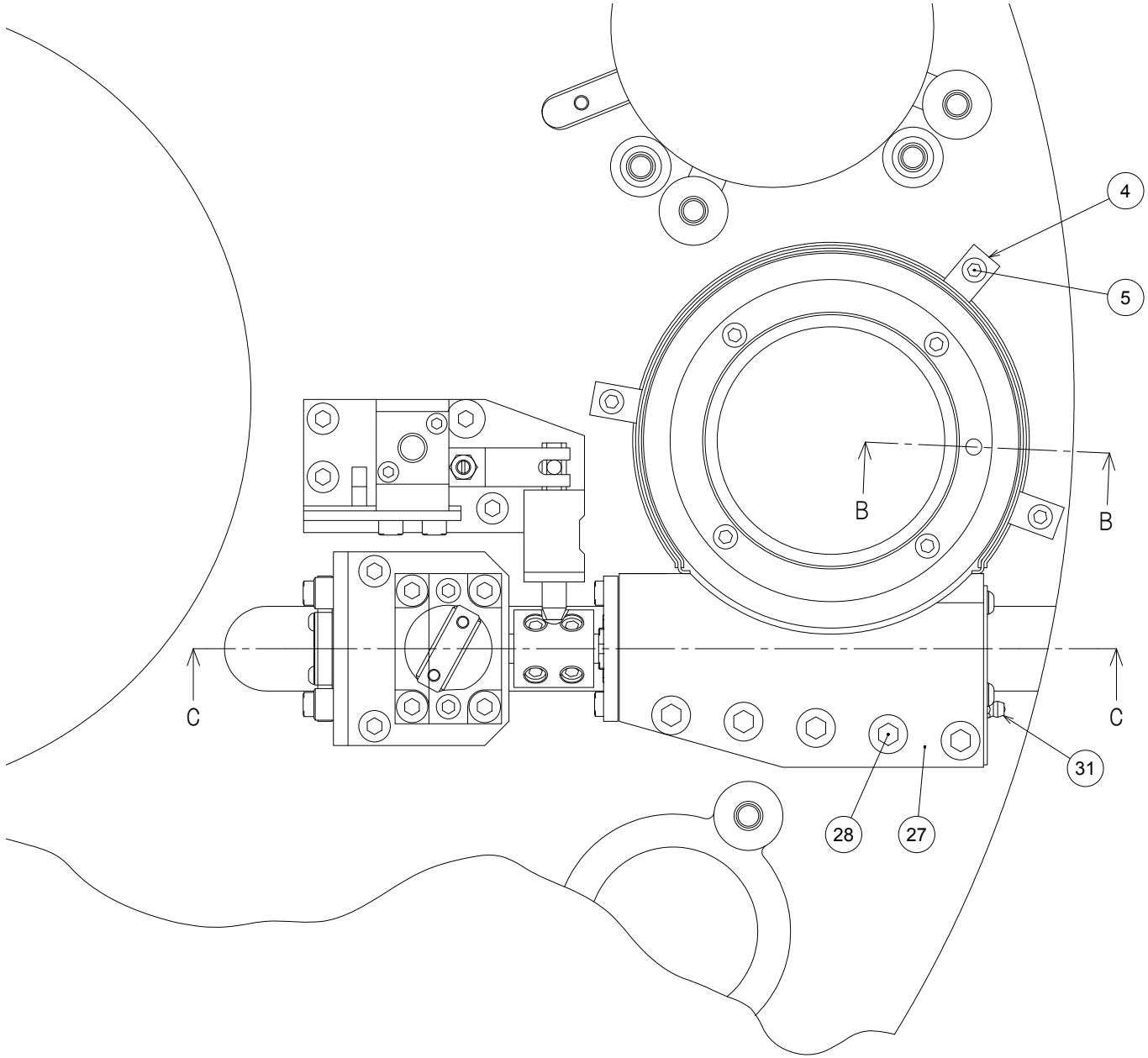
6875450 B

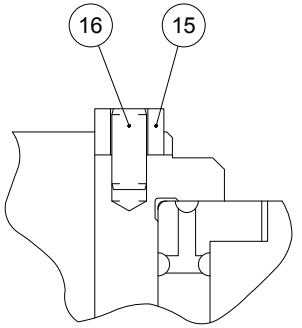


SECTION A-A

6875450 B

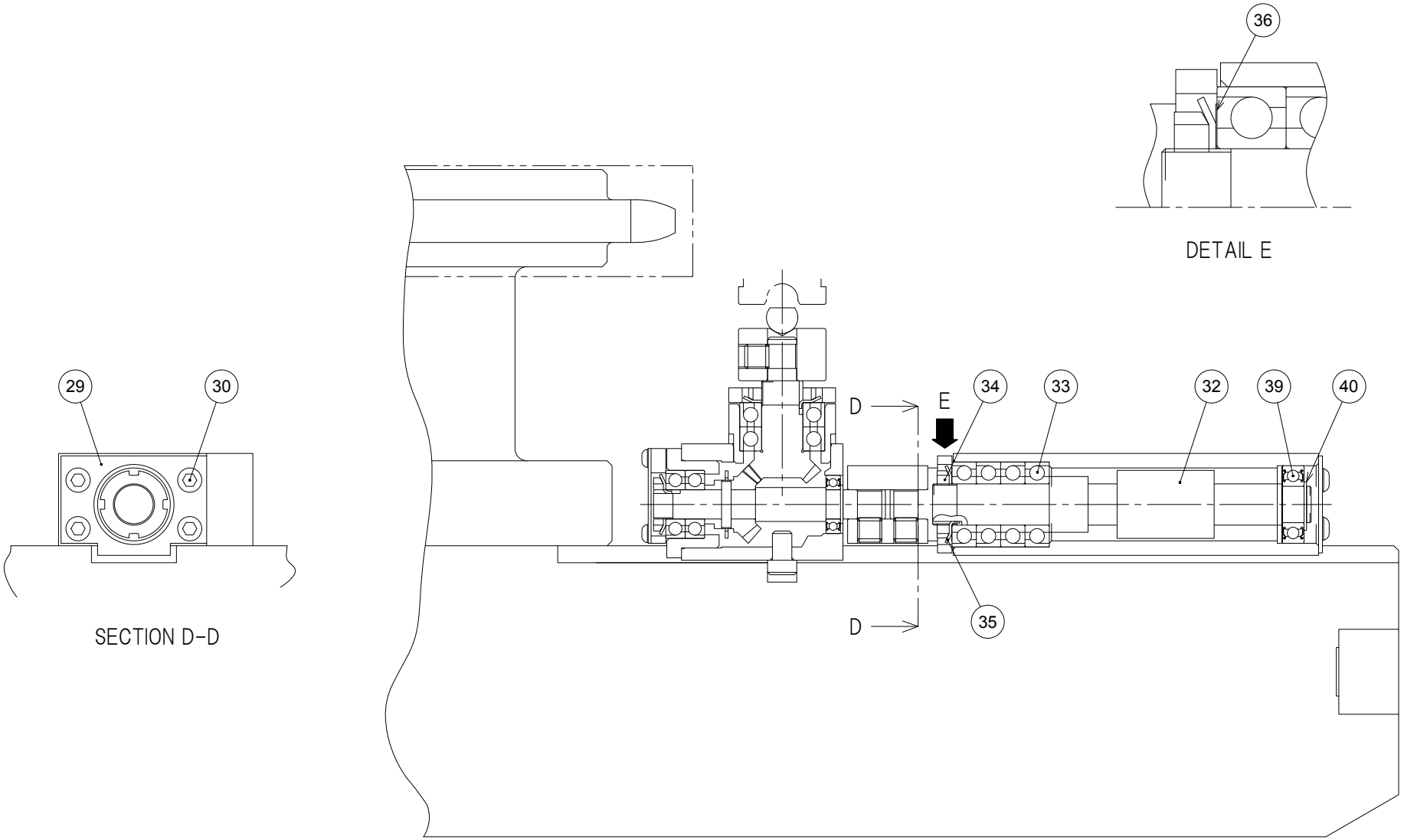
Unit No. 318 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-3/4 <2"AI Turret ASSY Upper>





SECTION B-B

6875450 B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DETAIL E
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SECTION D-D
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E
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D
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SECTION C-C
6875450 B

Unit No. 318 Turret Al(32ST-4Al)E-1/2"Al(1-1/4"X2) <2"Al Turret ASSY Upper>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 6875450 B	2"Al Turret ASSY Upper	 Index 2-40	2
2	74569846 3204978	Shoulder Screw		3
3	74569847 3200854	Spring 1/2"1-1/4"2"		3
4	74570173 6820190	Wheel Cover 2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	3
6	74901358 6875451	Bearing Holder U2 ASSY	 Index 7-18	1
7	74389425 7830310 A	Guide Bushing Upper		1
8	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
9	74314911 P337030013	Spring Pin JIS	3X14AW	1
10	74577604 6820185 A	Guide Holder		1
11	74312664 0812308	Seal Retainer		1
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	4

Unit No. 318 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74416401 0812301 A	Worm Wheel Upper		1
14	74183612 P330223023	Hex Socket Cap Screw SPS/UNBRAKO	M6X20LOC-WEL	4
15	74313917 0822421 A	Wheel Key Type-1		1
16	74314916 P337030055	Spring Pin JIS	6X14AW	1
17	74570169 6820186	Guide Key		1
18	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
19	 6875452	Link Holder U2 ASSY	 Index 20-25	1
20	74570170 6820187	Lifter Collar 2"		3
21	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3
22	74570171 6820188	Link Holder 2"		1
23	74183309 P334500014	Button Head Screw JIS	M6X12	3
24	74732449 0821819 A	Washer M6		3

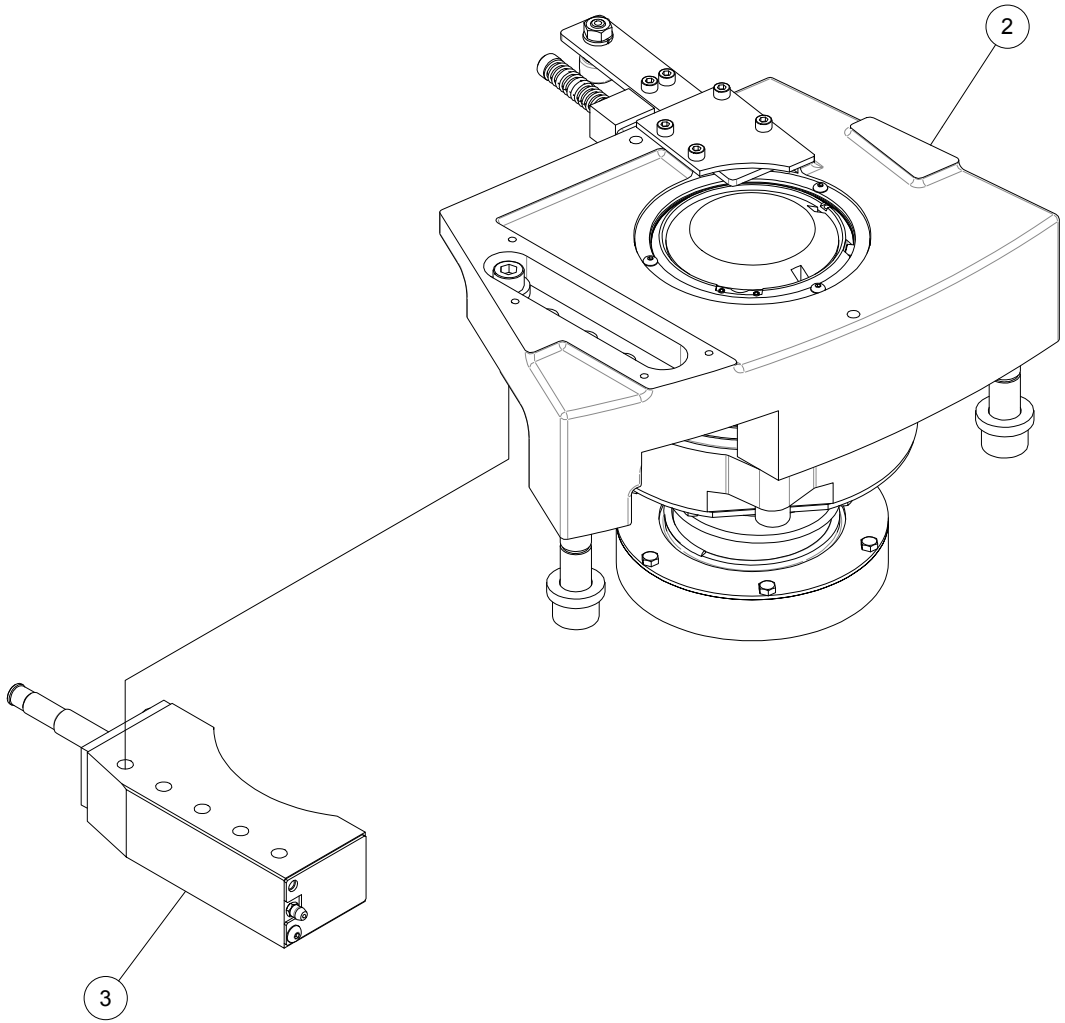
Unit No. 318 Turret Al(32ST-4Al)E-1/2"Al(1-1/4"X2) <2"Al Turret ASSY Upper>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
25	74570172 6820189	Lifter Ring 2"		1
26	74901359 6875453	Worm Housing U2 ASSY	Index 27-40	1
27	74570174 6820191	2" Worm Housing U		1
28	74183644 P330240012	Hex Socket Cap Screw	M10X50	5
29	74570135 6575856 A	Bearing Retainer E		1
30	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
31	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
32	74570175 6575857 A	Worm Shaft 2"		1
33	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
34	74183501 P406030002	Lock Nut JIS	AN-03	1
35	74183510 P406040002	Locking Washer JIS	AW-03	1
36	74313812 0822398	Seal		1

Unit No. 318 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74813214 6875454	Cover		1
38	74355302 P334500041	Button Head Screw	M5X15	2
39	74310515 P400010006	Deep Groove Ball Bearing JIS	6002ZZ	1
40	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1

Unit No. 319 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2"AI Turret ASSY Lower>



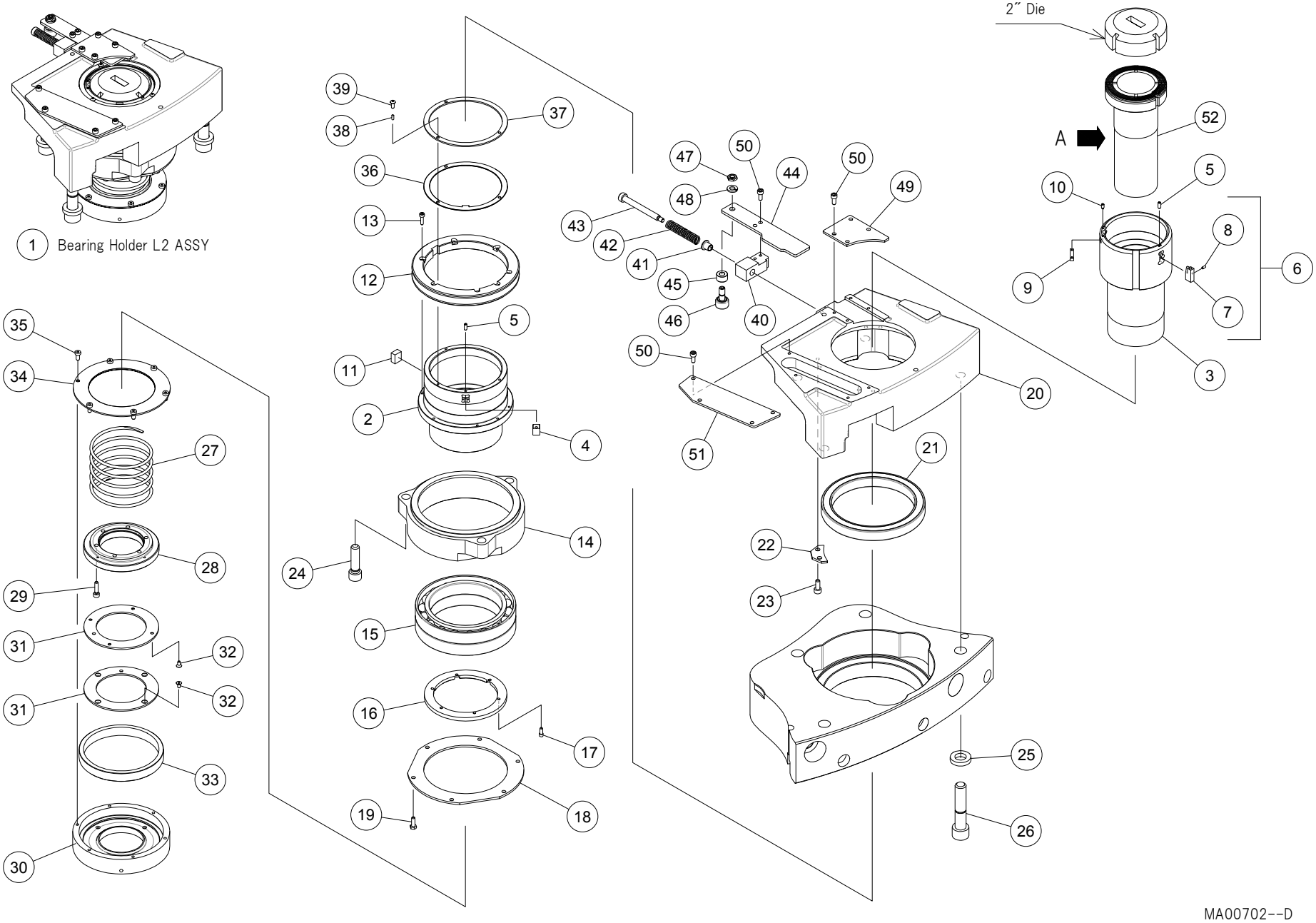
(1) 2″AI Turret ASSY Lower

MA00701---

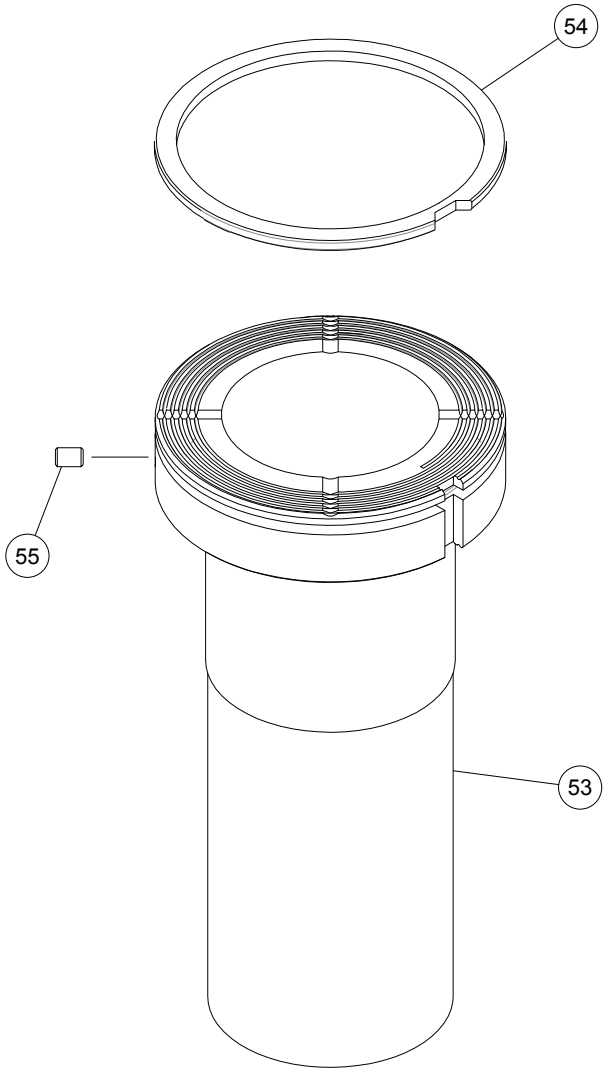
Unit No. 319 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00701---	2"AI Turret ASSY Lower	Index 23	2
2	74403010 / MA00702--D	Bearing Holder L2 ASSY		1
3	74901366 / MA00710---	Worm Housing L2 ASSY		1

Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/2 <Bearing Holder L2 ASSY>



Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-2/2 <Bearing Holder L2 ASSY>



DETAIL A

52 Ejector Pipe Kit 2

MA02413---

Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403010 MA00702--D	Bearing Holder L2 ASSY	 Index 2-55	1
2	74403011 MA00688--C	Lifter Holder 2AI		1
3	74403012 MA00689--B	Lifter Pipe 2AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	2
6	74901434 SPT0118---	2"AI Die Key ASSY	MA00865--AP337020007 Index 78	1
7	74901367 MA00865--A	Die Key		1
8	 P337020007	Parallel Pin JIS	A-3X6	1
9	74403013 MA04973---	Pipe Stopper Plate		1
10	74379606 P330570006	Socket Set Screw JIS	M4X8(Long Dog Point)	2
11	74563180 6570465	2" Lower Wheel Key		1
12	74901368 MA00866--A	Worm Wheel Lower		1

Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
14	74901362 MA00690---	Bearing Holder L 2AI		1
15	74900890 P404024082	Complex Bearing NTN	7921UADDB/GLP5	1
16	74901380 MA04923---	Flange		1
17	74900888 P330207014	Hex Socket Cap Screw MISUMI	SBB4-10	6
18	74901381 MA04924---	Bearing Stopper Lower		1
19	74776725 P330010004	Bolt	M5X15	6
20	74901370 MA02535--B	Die Spacer 2		1
21	74900889 P400017067	Deep Groove Ball Bearing NSK	6824ZZ	1
22	74901369 MA02521---	Stopper Piece		4
23	74183608 P330220006	Hex Socket Cap Screw	M6X15	8
24	74183658 P330250008	Hex Socket Cap Screw	M12X45	3

Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303705 6012794	Washer M16		4
26	74302824 P330260039	Hex Socket Cap Screw MOURI	M16X75	4
27	74901363 MA00695---	Return Spring 2AI		1
28	74901364 MA00697--B	Lifter Ring 2AI		1
29	74314404 P330210009	Hex Socket Cap Screw	M5X20	6
30	74403014 MA00698--B	Lifter Ring Holder 2AI		1
31	74901365 MA00706--A	Slip Plate 2AI OILES Industry		2
32	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
33	74900417 MA00852---	Slip Ring		1
34	74403015 MA00696--A	Ring Stopper 2AI		1
35	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
36	74901361 MA00687--A	Cover Seal 2AI		1

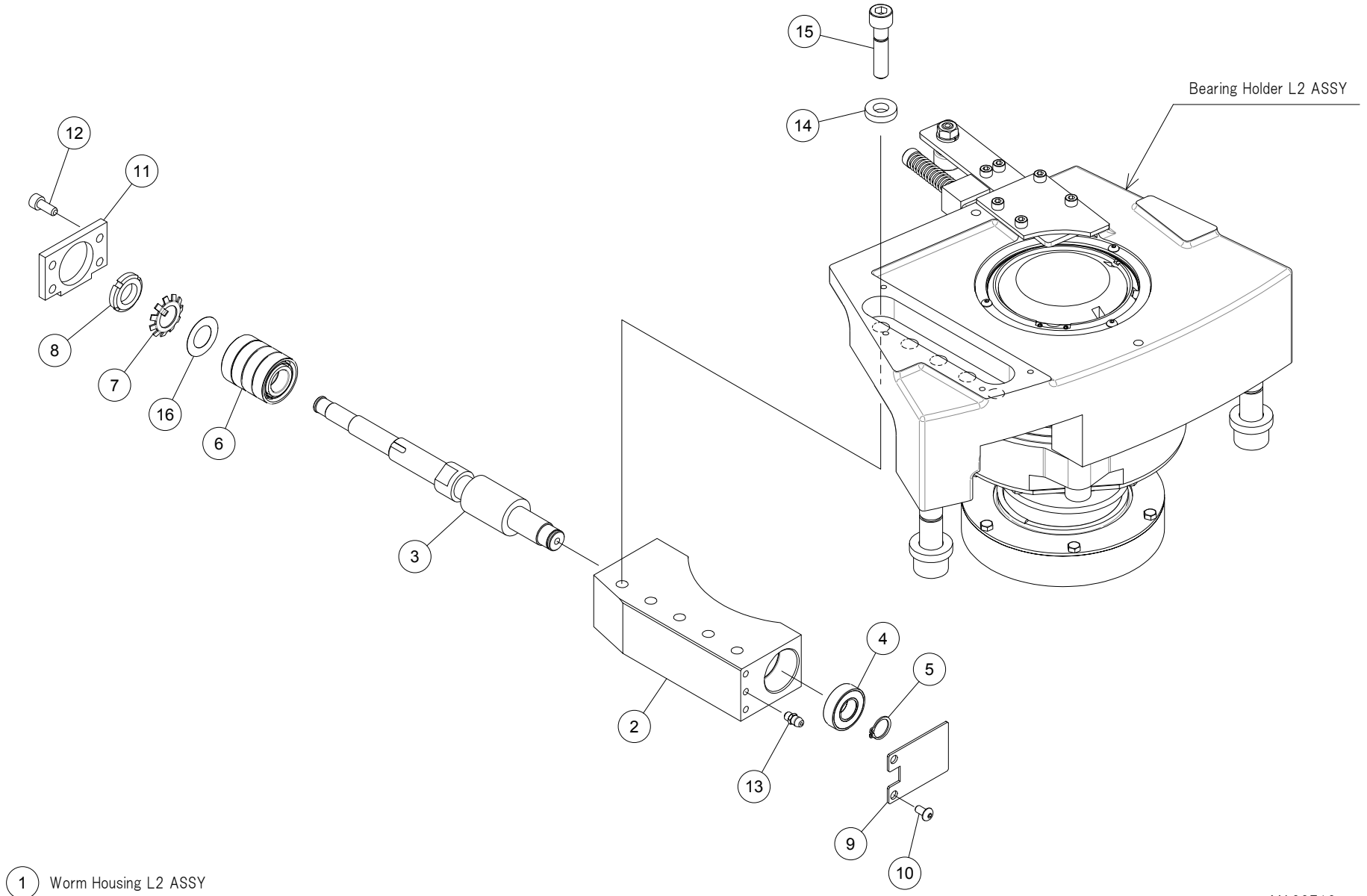
Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74901360 MA00686--A	Cover Seal Retainer 2AI		1
38	74900358 MA00562---	Screw Stopper		3
39	74535012 P334500005	Button Head Screw	M4X10	3
40	74900448 MA01285---	Guide Holder		1
41	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
42	74900347 MA00287---	Spring		1
43	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
44	74901374 MA03330--B	Slide Stopper 2AI		1
45	74900447 MA01284---	Color 3-1/2"		1
46	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
47	74722743 P332000018	Nut JIS	M8(Thin)	1
48	74183103 P336050006	Spring Washer JIS	8	1

Unit No. 320 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Bearing Holder L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74901375 MA03331--A	Slide Stopper Holder 2AI		1
50	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
51	74901371 MA02536---	Top Cover 2		1
52	74900466 MA02413---	Ejector Pipe Kit 2	 Index 53-55	1
53	74900343 MA00268---	Ejector Pipe 2"		1
54	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1
55	 7421419	Pin 1-1/4"		1

Unit No. 321 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L2 ASSY>



(1) Worm Housing L2 ASSY

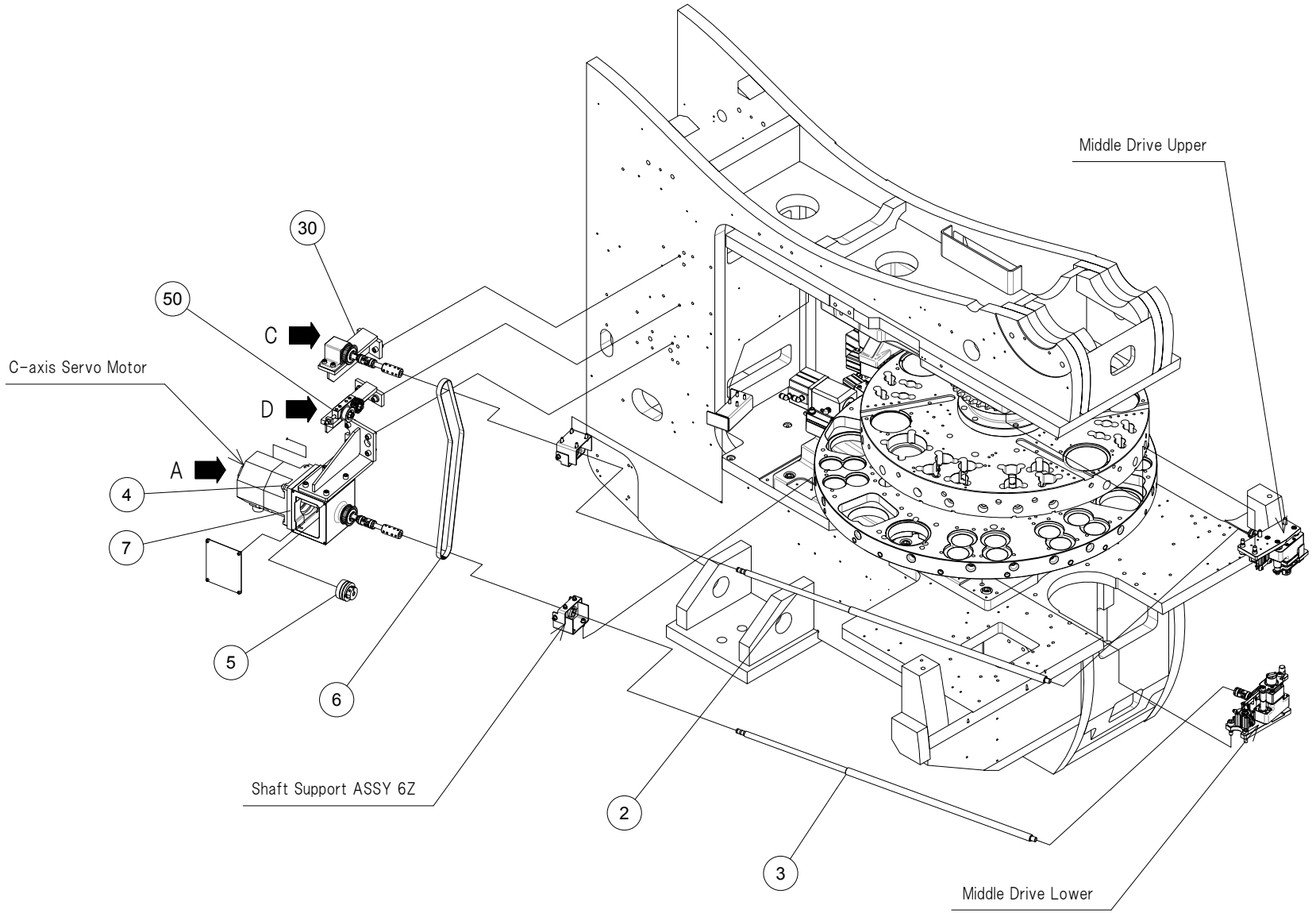
MA00710---

Unit No. 321 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901366 / MA00710---	Worm Housing L2 ASSY	Index 2-16	1
2	74901372 / MA02537---	Worm Housing L2		1
3	74570181 / 6536142 A	Worm Shaft 2"		1
4	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
5	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
6	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
7	74183510 / P406040002	Locking Washer / JIS	AW-03	1
8	74183501 / P406030002	Lock Nut / JIS	AN-03	1
9	74901373 / MA02538---	Cover 2		1
10	74183302 / P334500013	Button Head Screw	M6X10	2
11	74570135 / 6575856 A	Bearing Retainer E		1
12	74183608 / P330220006	Hex Socket Cap Screw	M6X15	4

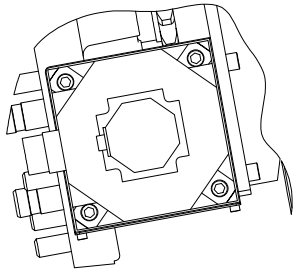
Unit No. 321 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Worm Housing L2 ASSY>

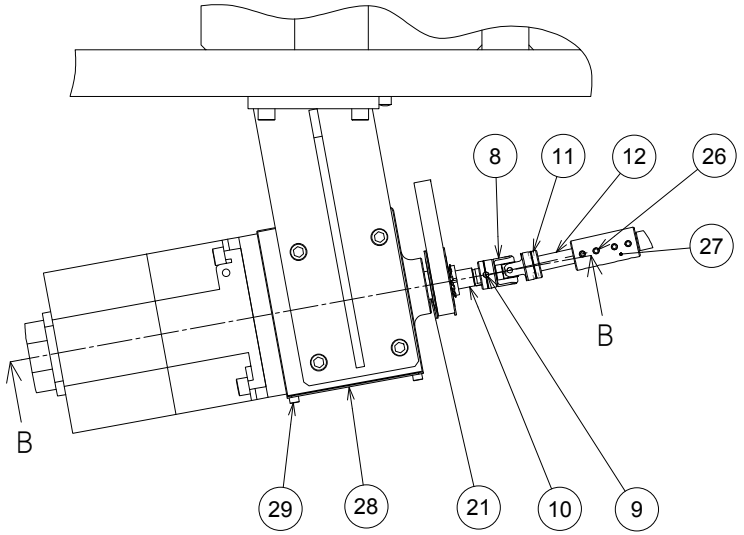
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
14	74165309 0827013 B	Washer M10		5
15	74183643 P330240011	Hex Socket Cap Screw	M10X45	5
16	74313812 0822398	Seal		1

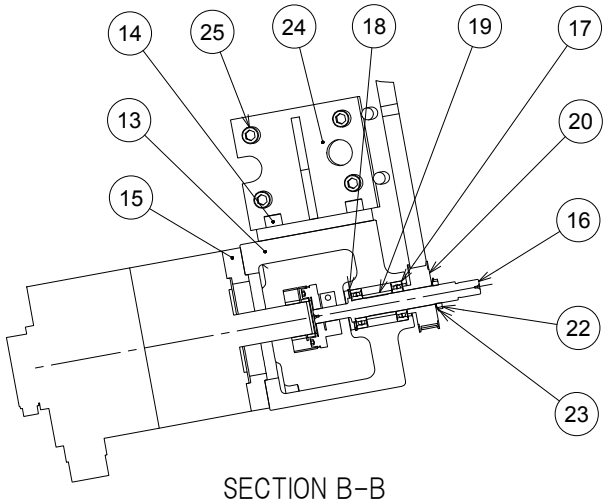


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





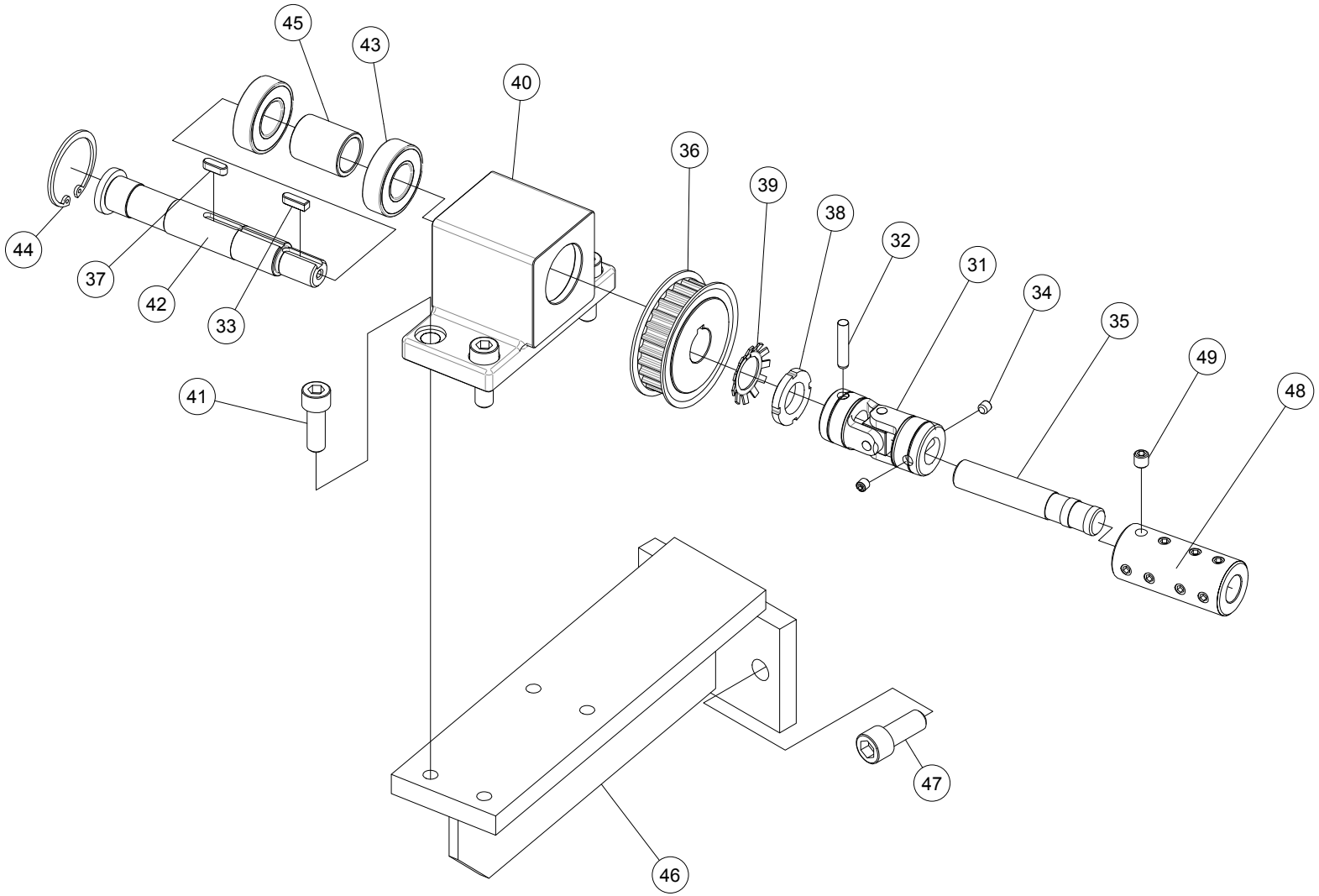


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

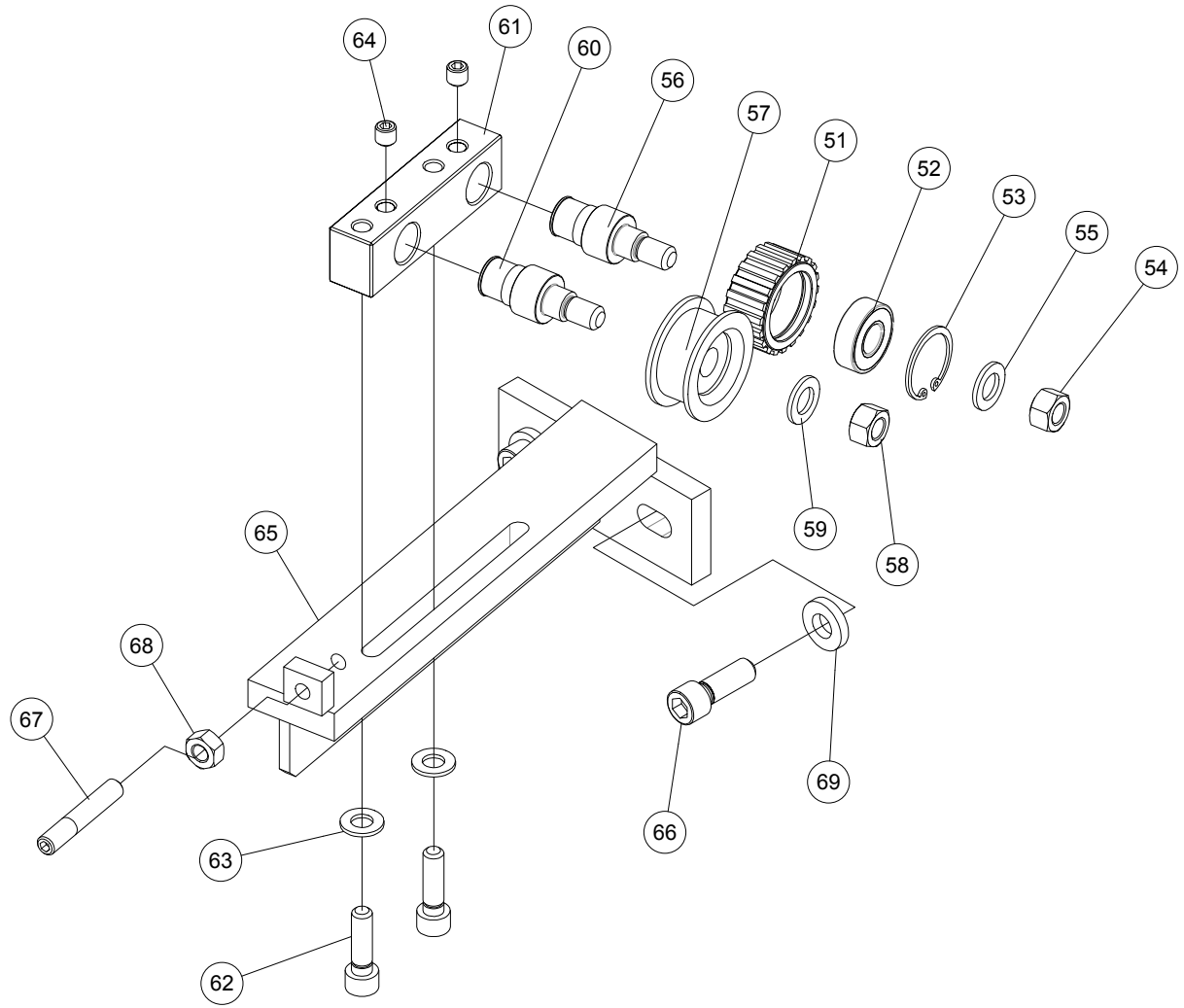
CE01746---
(MA00868#2-)



DETAIL C

30 C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

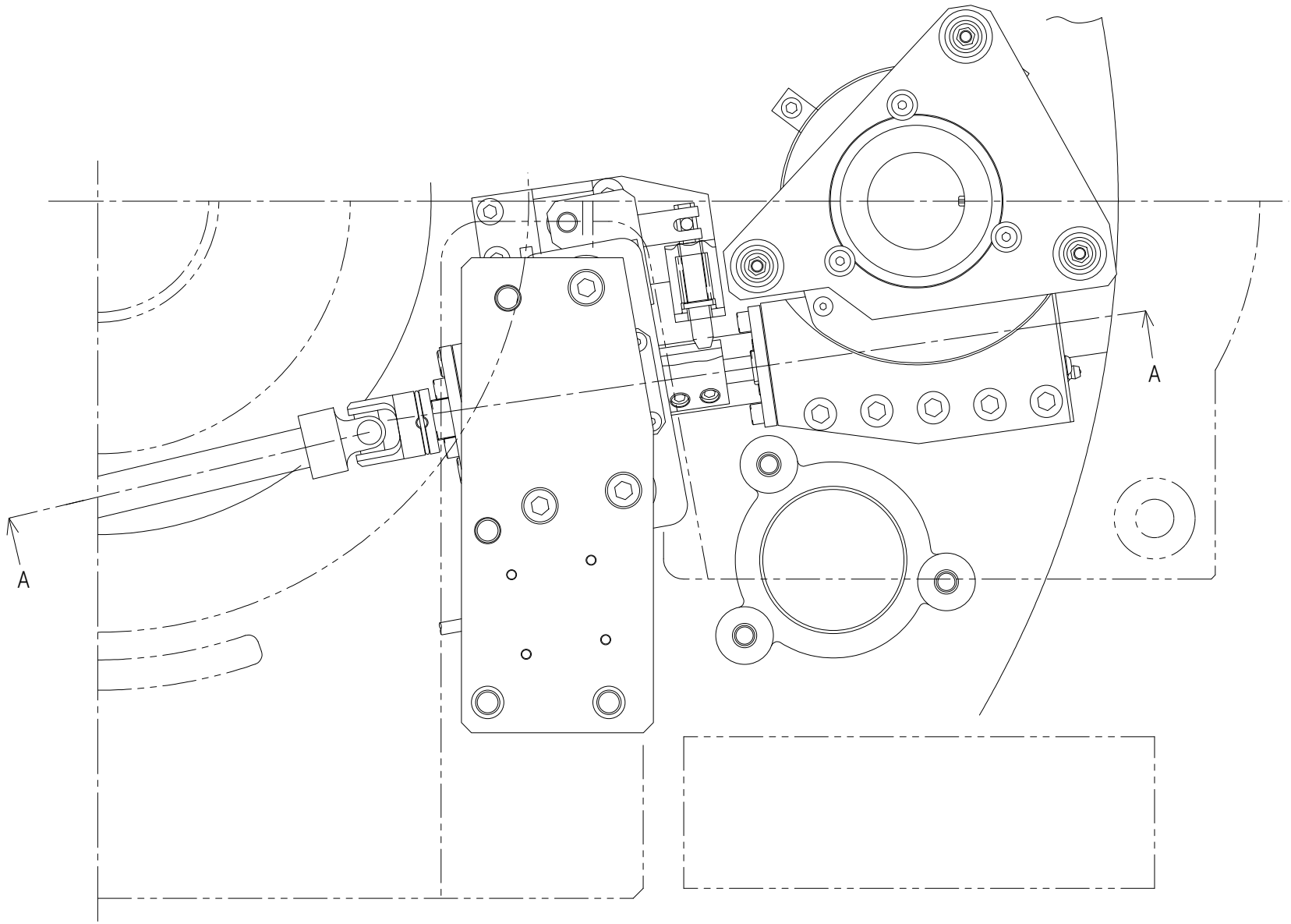
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

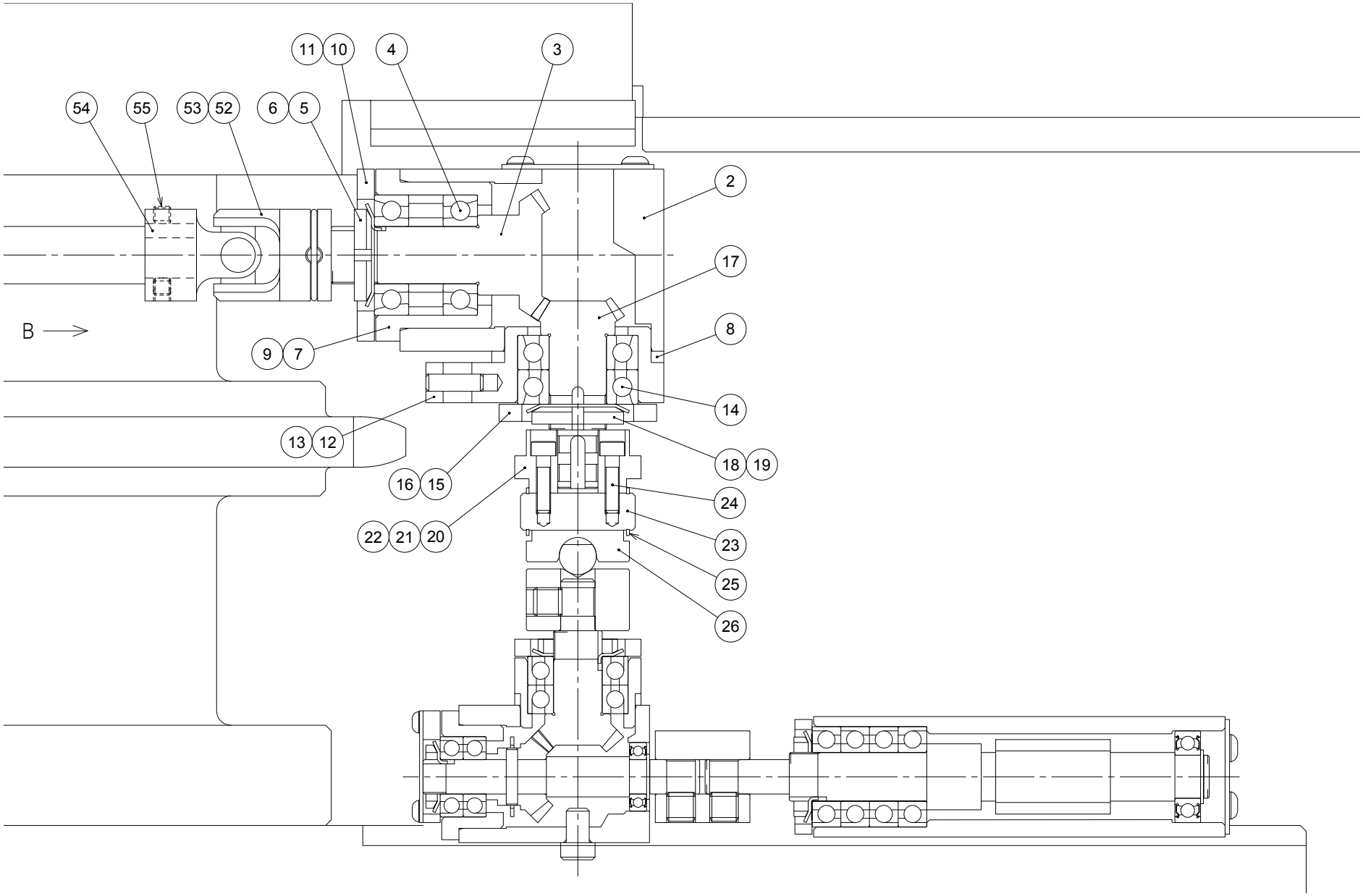
Unit No. 322 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



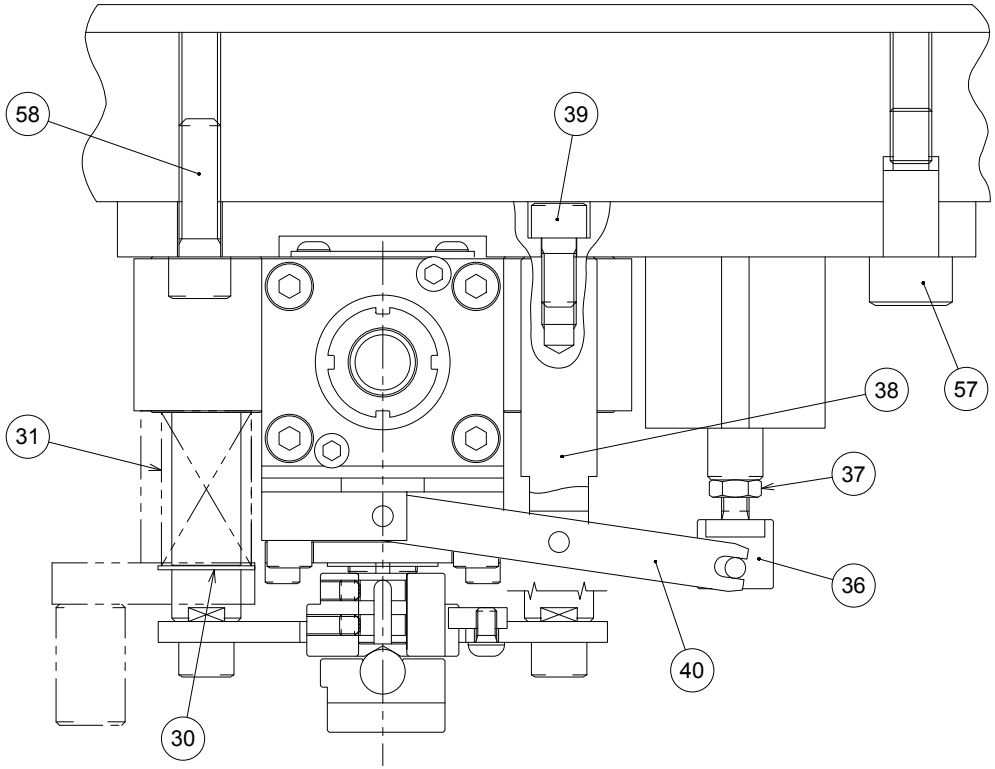
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

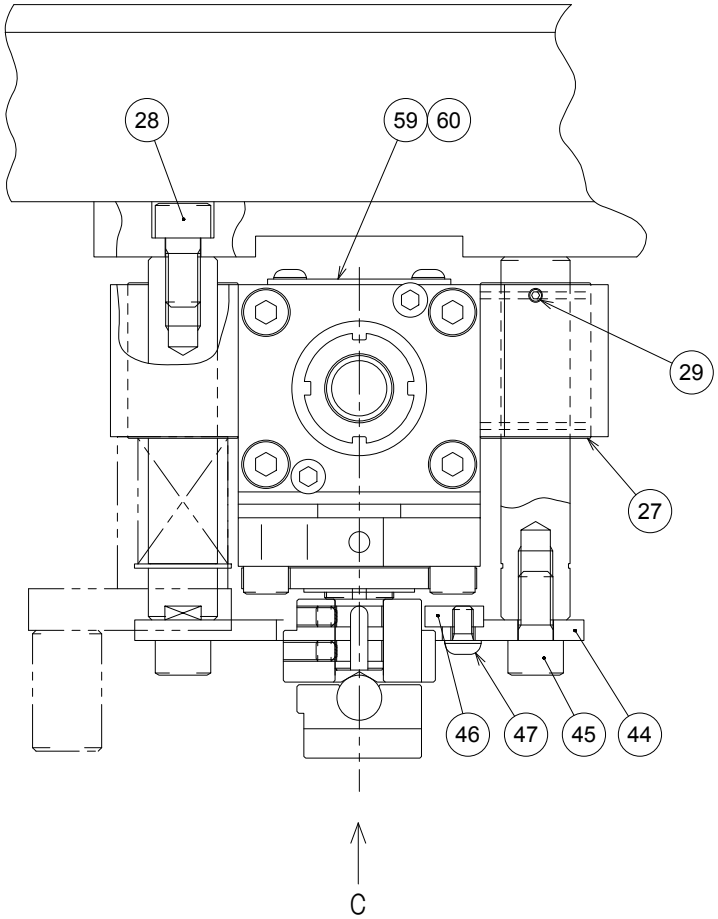


SECTION A-A

MA03077---
(6875435 B)

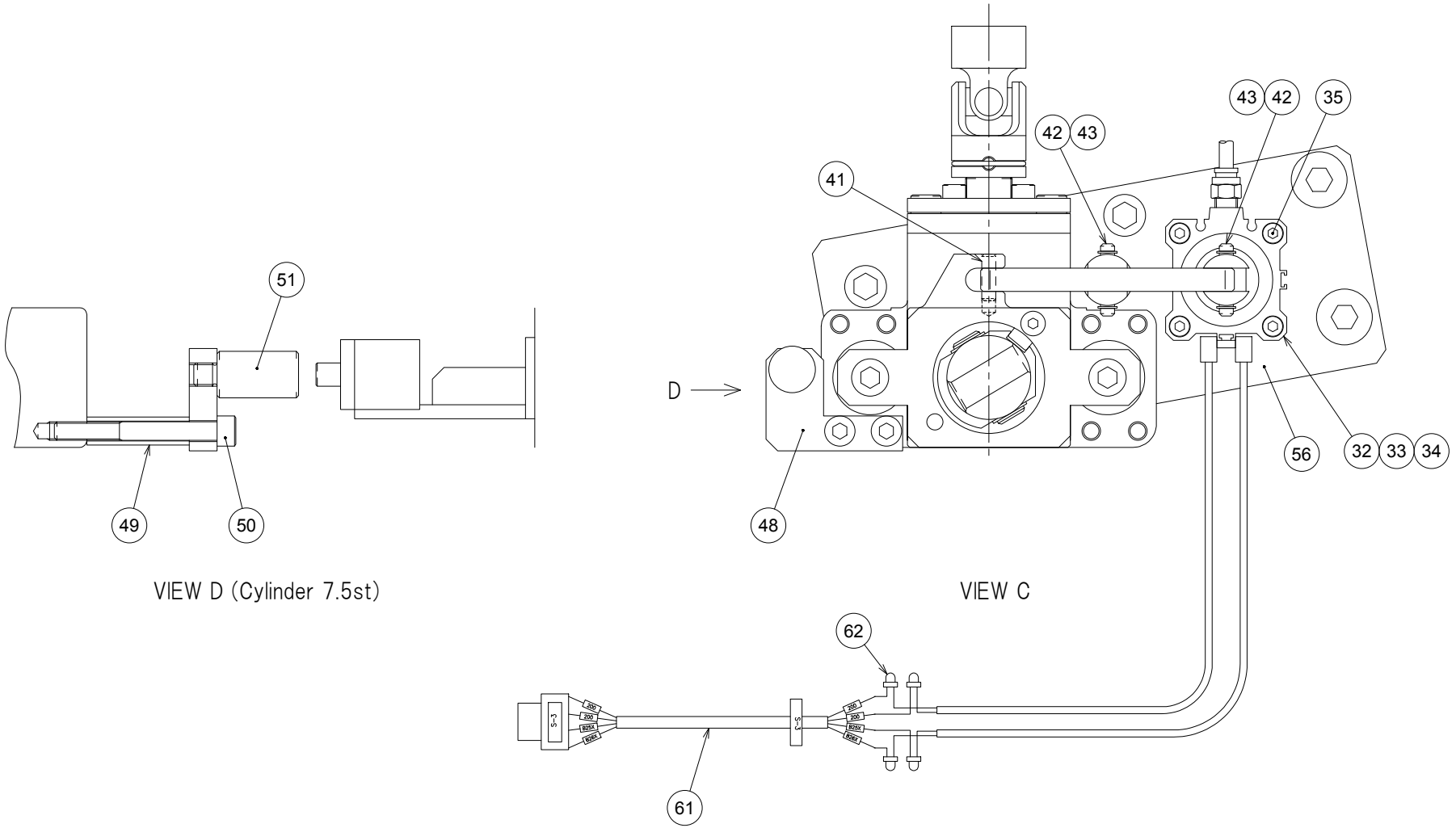


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 6813135 D	Gear Box		1
3	74382635 6575823	Drive Bevel Gear		1
4	74565993 7830606	Ball Bearing Set NSK	EPBA20-13DB+KL12	1
5	74183502 P406030003	Lock Nut JIS	AN-04	1
6	74183512 P406040003	Locking Washer JIS	AW-04	1
7	74570104 6813136 A	Unit Case		1
8	74384527 6502897 B	Gear Adjusting Collar		2
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 6813137	Bearing Retainer A		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74570106 6813139 A	Point Case Upper		1

Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

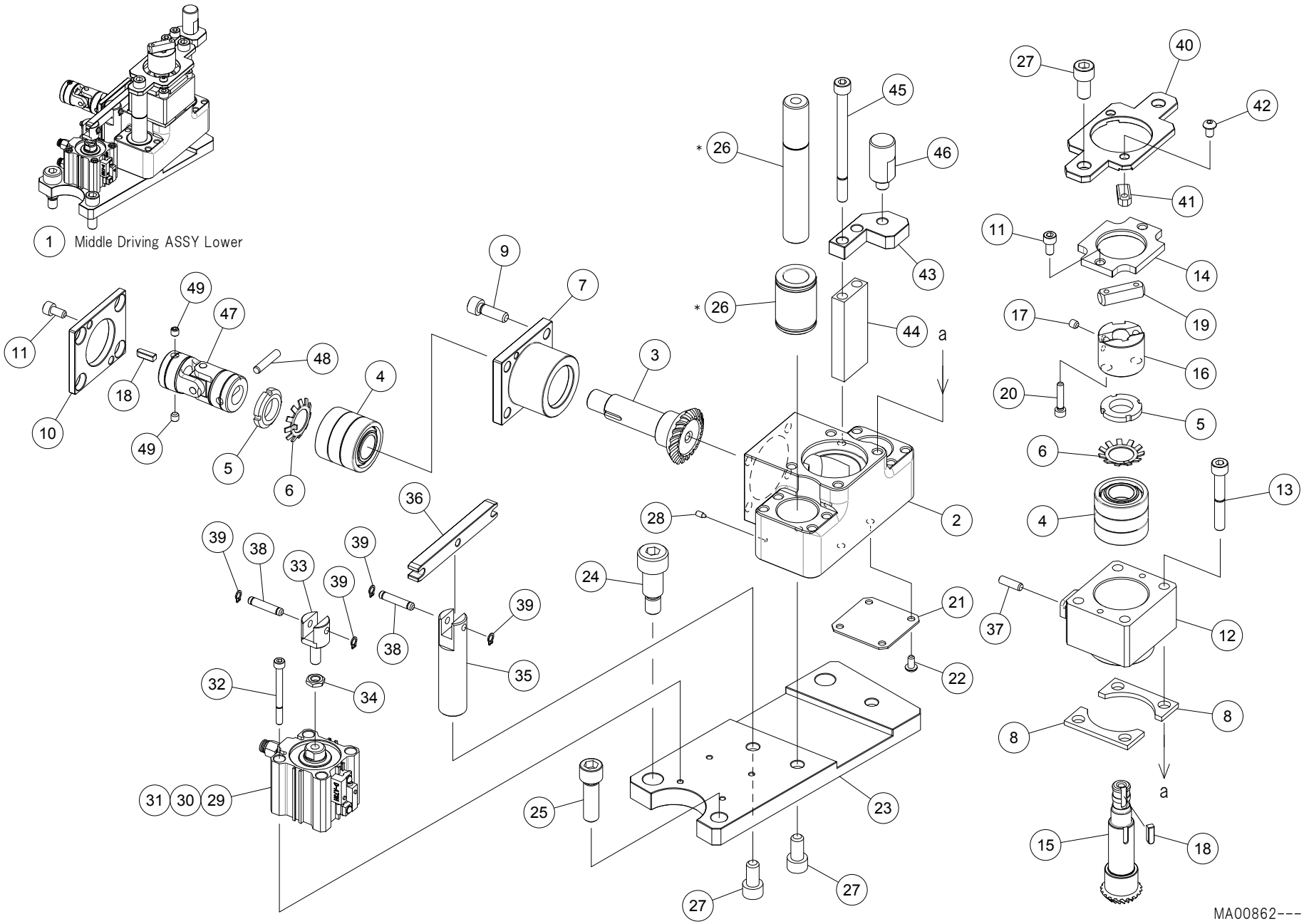
Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

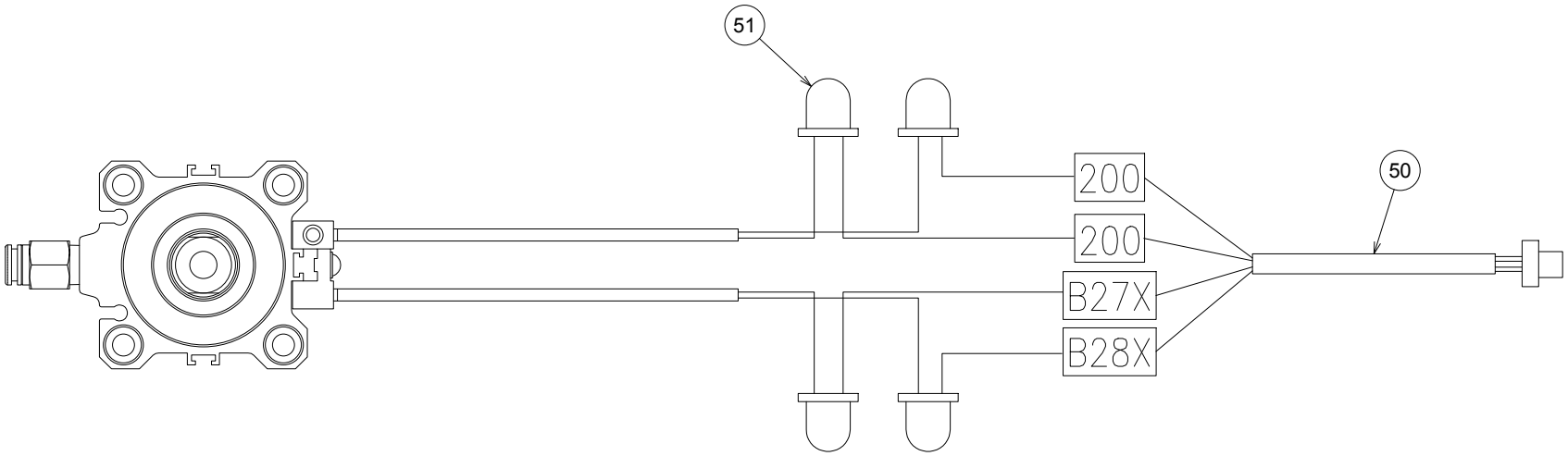
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 323 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483	Cable S-3		1
	MA03061---		(SQ6364)	
62	74382938	Terminal	CE-1	4
	P869150001	JIS		

Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2)-1/2 <Middle Driving ASSY Lower>





MA00862---

Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 / MA00862---	Middle Driving ASSY Lower	Index 2-51	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	2
5	74183502 / P406030003	Lock Nut / JIS	AN-04	2
6	74183512 / P406040003	Locking Washer / JIS	AW-04	2
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	4
12	74900384 / MA00664---	Point Case Lower		1

Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Lower>

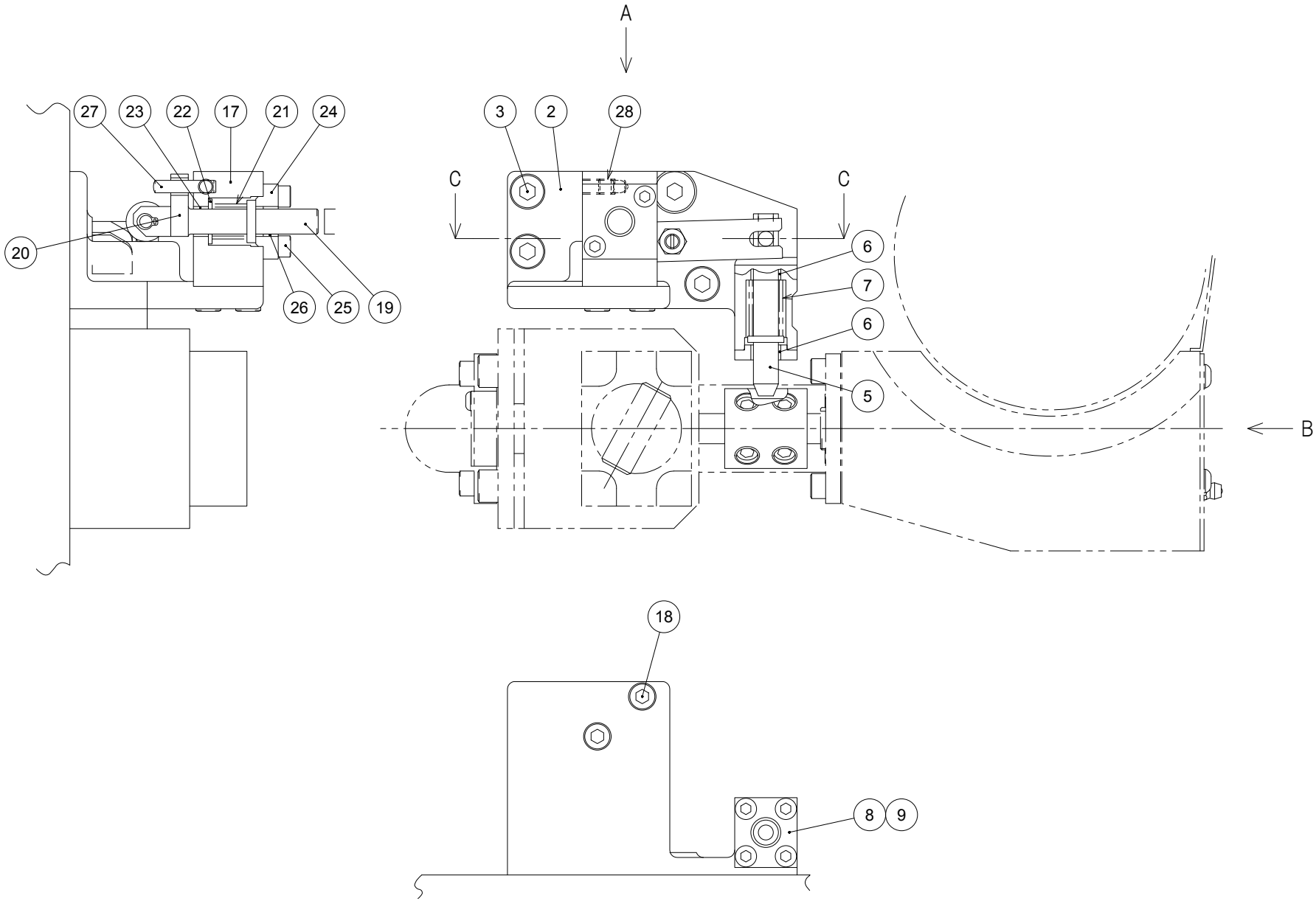
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 P337020034	Parallel Pin JIS	A-6X20	1
38	74570115 6813144	A/I Cylinder Pin		2
39	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
40	74570116 6813146	Point Plate		1
41	74570124 6813149	Key L		1
42	74183302 P334500013	Button Head Screw	M6X10	1
43	74570125 6813155	Push Rod Arm L		1
44	74900456 MA01988---	Spacer L		1
45	74183701 P330230023	Hex Socket Cap Screw MOURI	M8X105	2
46	74386766 6593236	B Rod L1		1
47	74322357 7830034	Universal Joint KYOWA		1
48	74379608 P337020036	Parallel Pin JIS	A-6X30	1

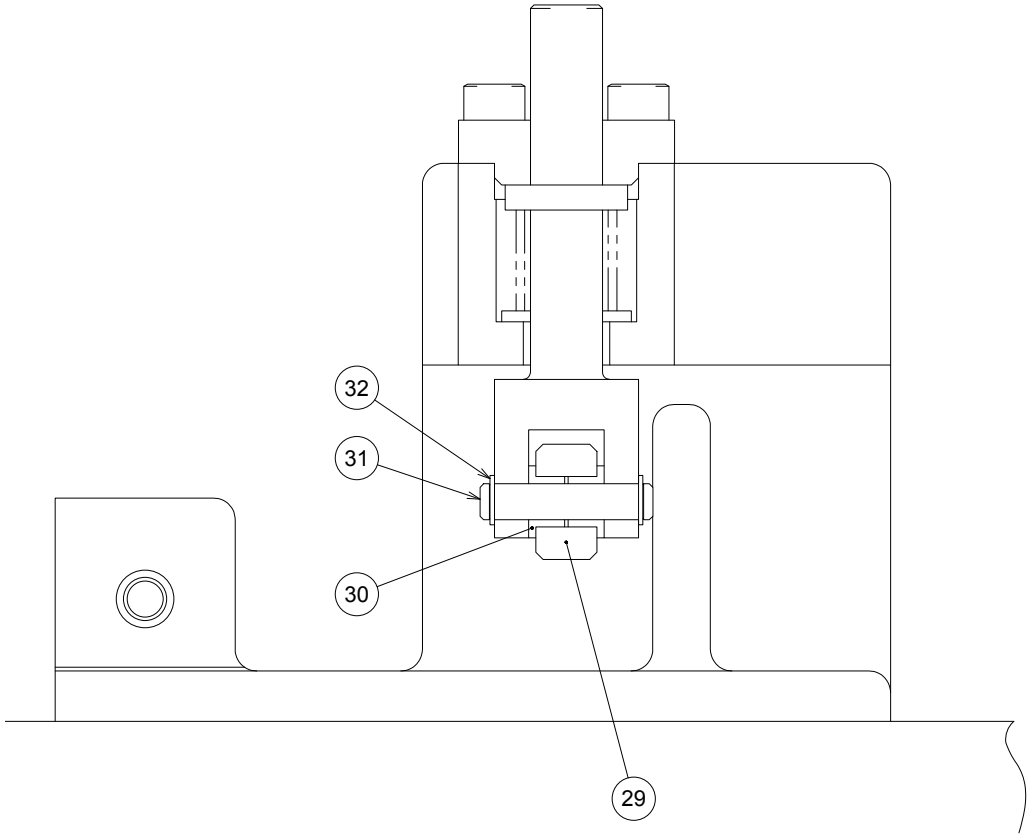
Unit No. 324 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		

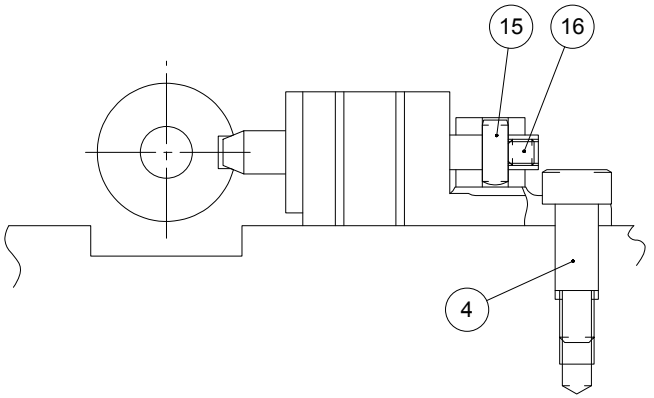


(1) Brake ASSY

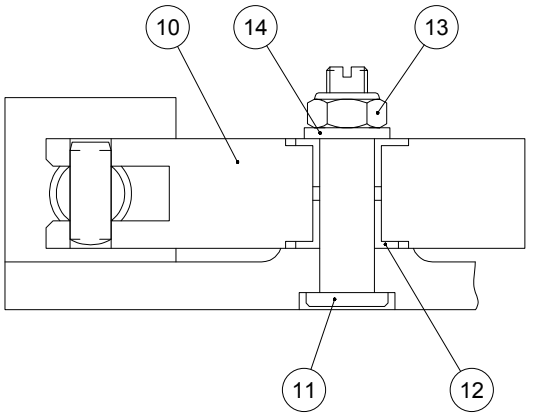
7401750--G



VIEW A



VIEW B



SECTION C-C

7401750--G

Unit No. 325 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

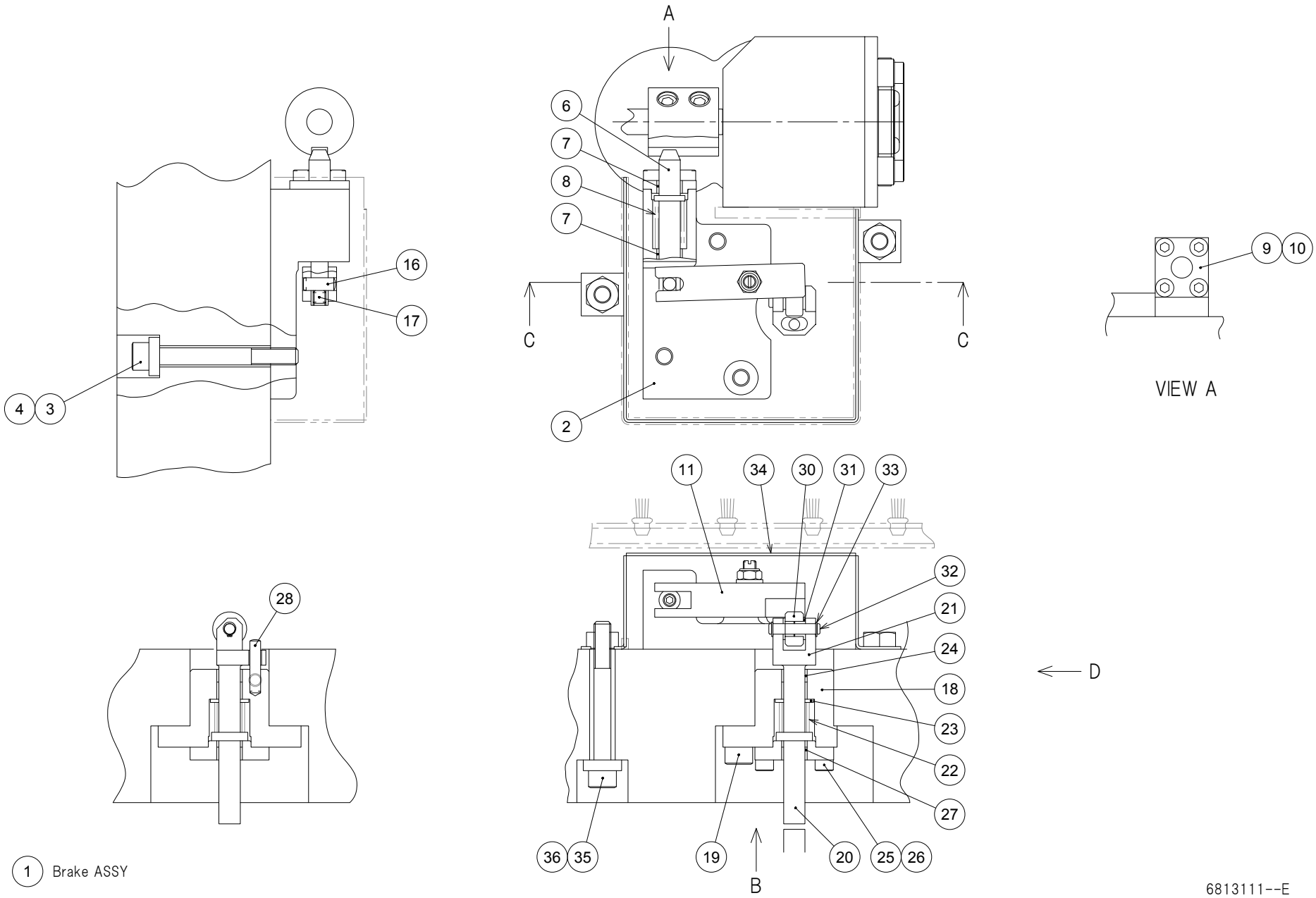
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 325 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

Unit No. 325 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
25	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
26	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
27	74900653 P337020273	Parallel Pin JIS	A-5X25	1
28	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
29	74562625 6501998 A	Roller		1
30	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
31	74900321 6501992--C	Pin 2		1
32	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2


A
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B
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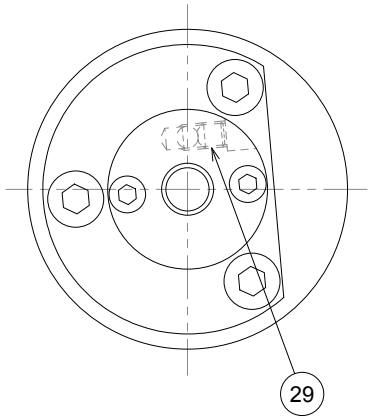
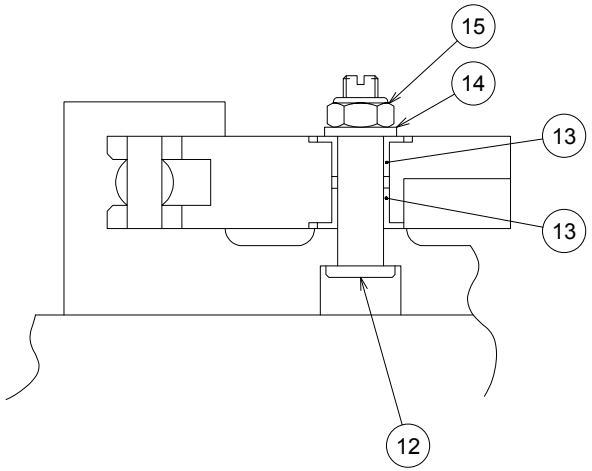
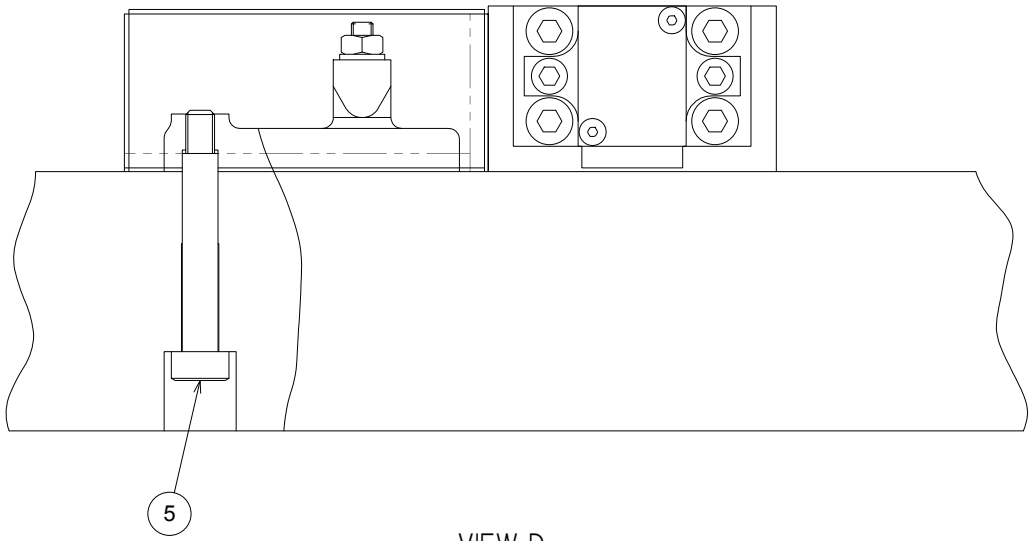
1 Brake ASSY
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 326 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

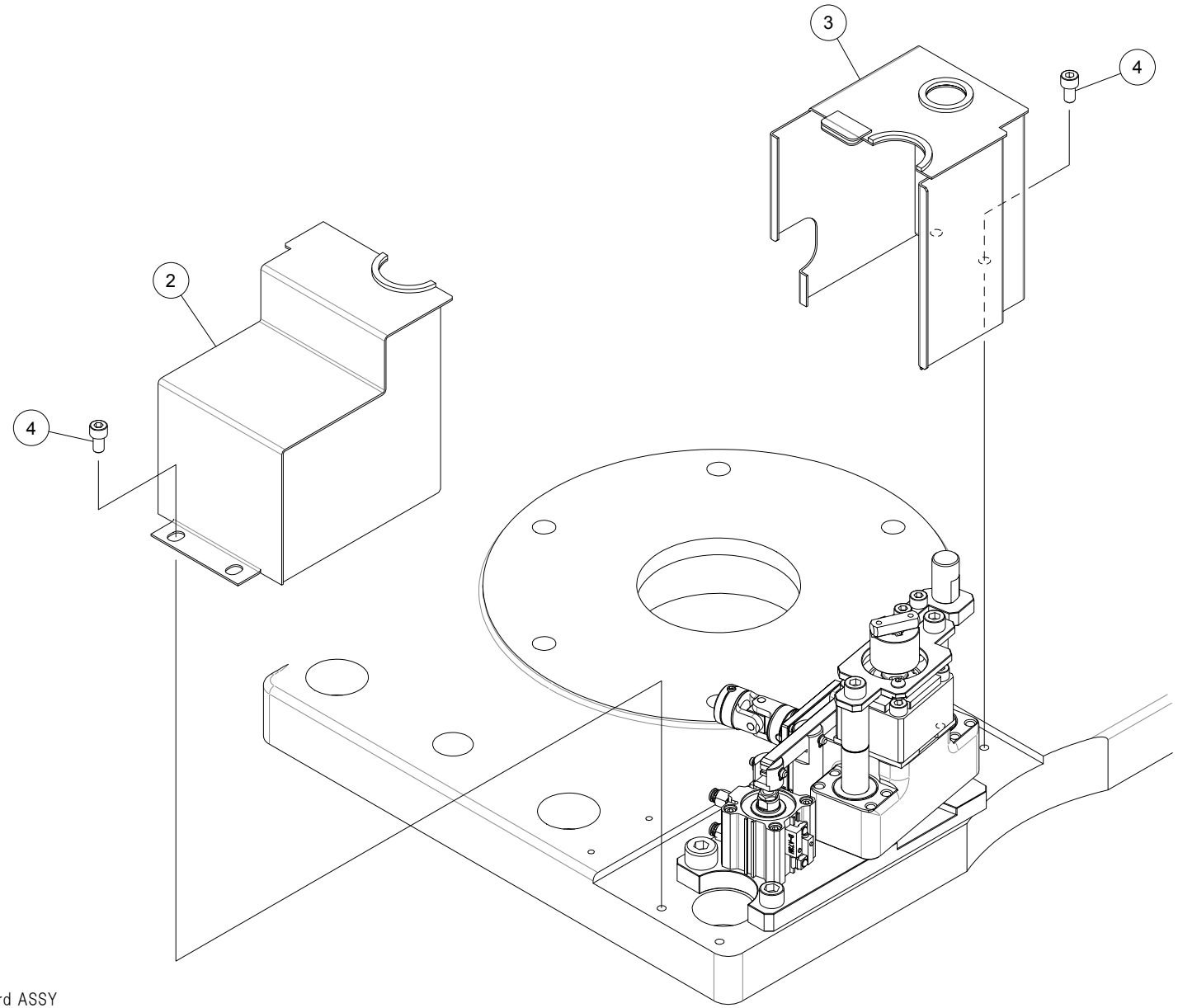
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 326 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 326 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

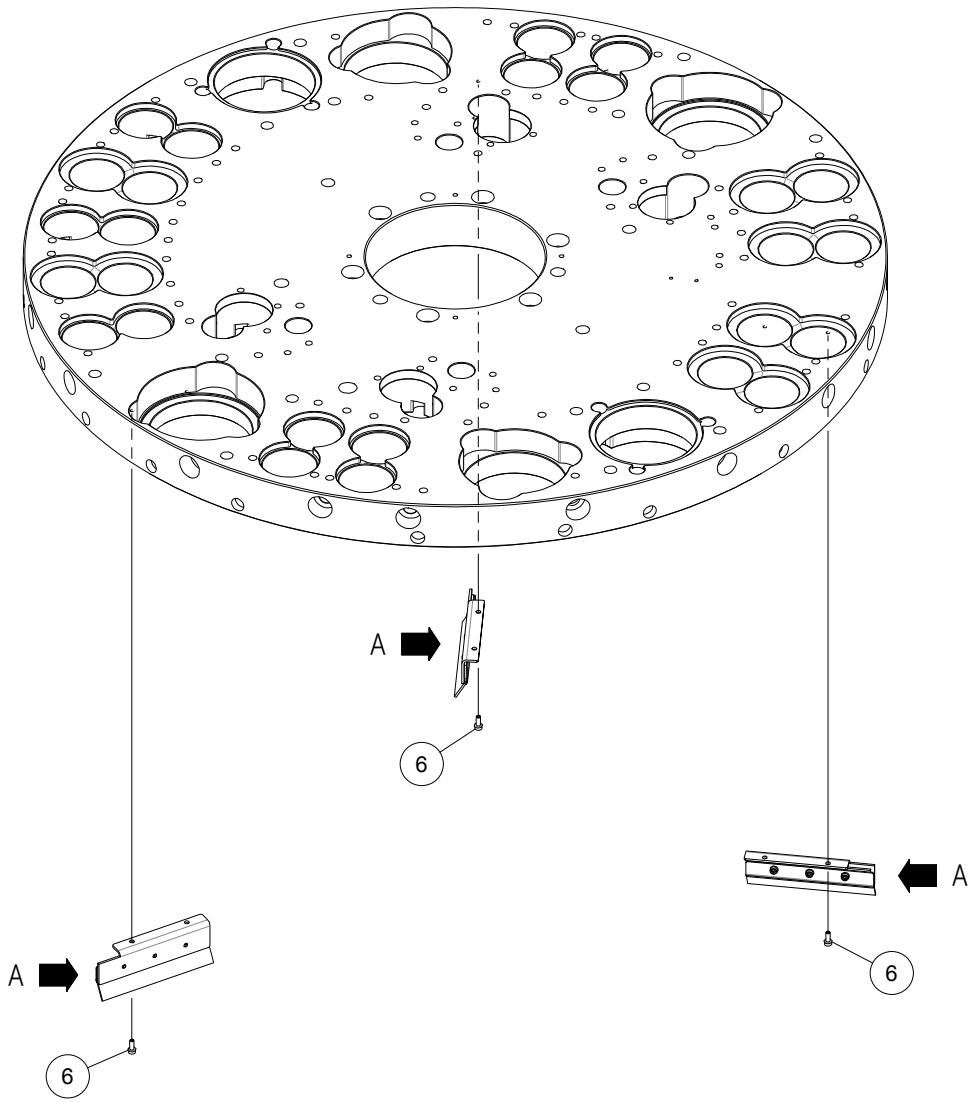


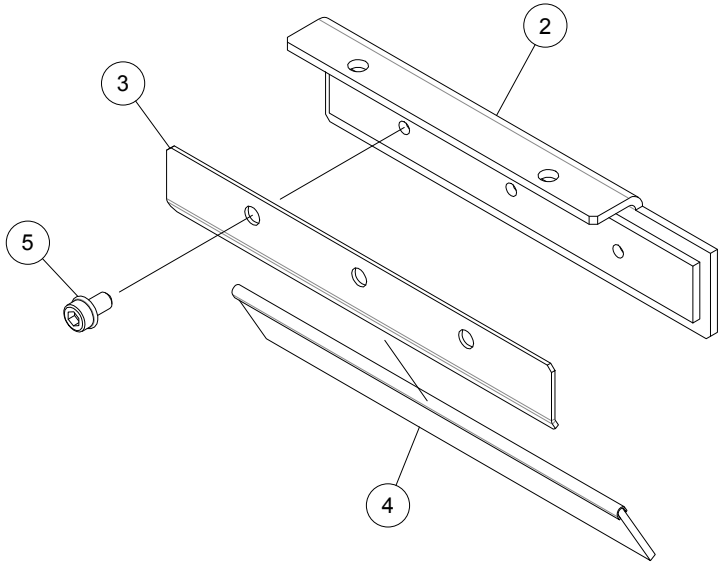
(1) Scrap Guard ASSY

MA00605---

Unit No. 327 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 / MA00728--A	Scrap Guard 1		1
3	74900405 / MA00729--A	Scrap Guard 2		1
4	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5





DETAIL A

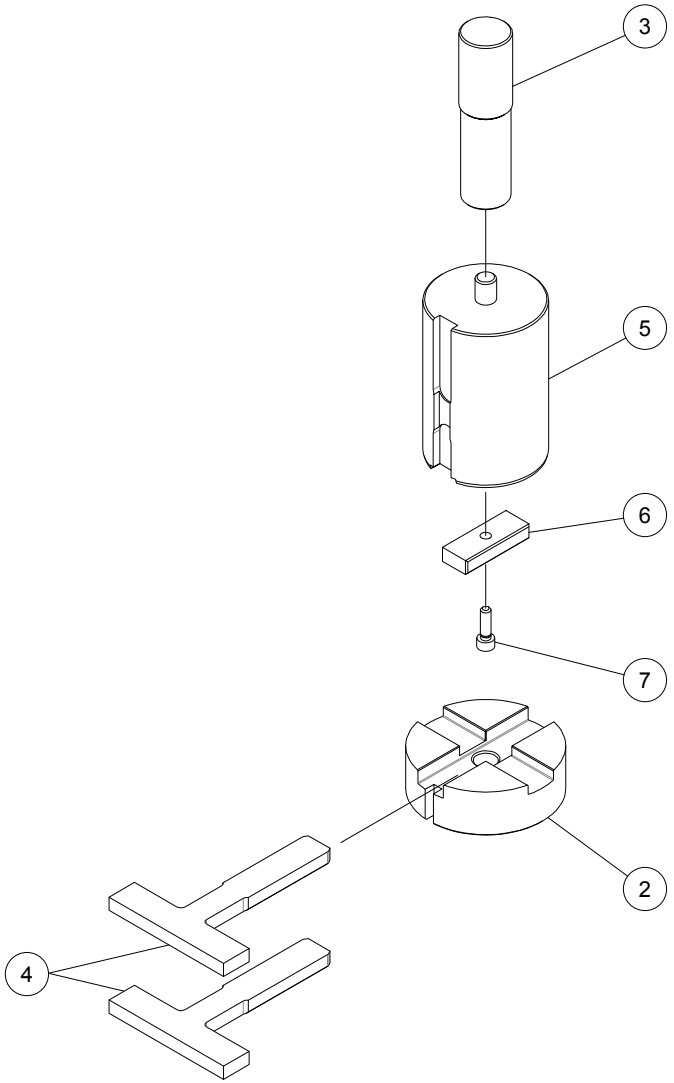
(1) Scraper ASSY

MA00606---

Unit No. 328 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Scraper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900372 / MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 / MA01078--A	Bracket 1		3
3	74900433 / MA01079---	Bracket 2		3
4	74900427 / MA01060---	Brush		3
5	74776775 / P330468015	Flange Socket Bolt / NISSAN NEJI	M6X10	9
6	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	6

Unit No. 329 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2" Alignment Jig ASSY>



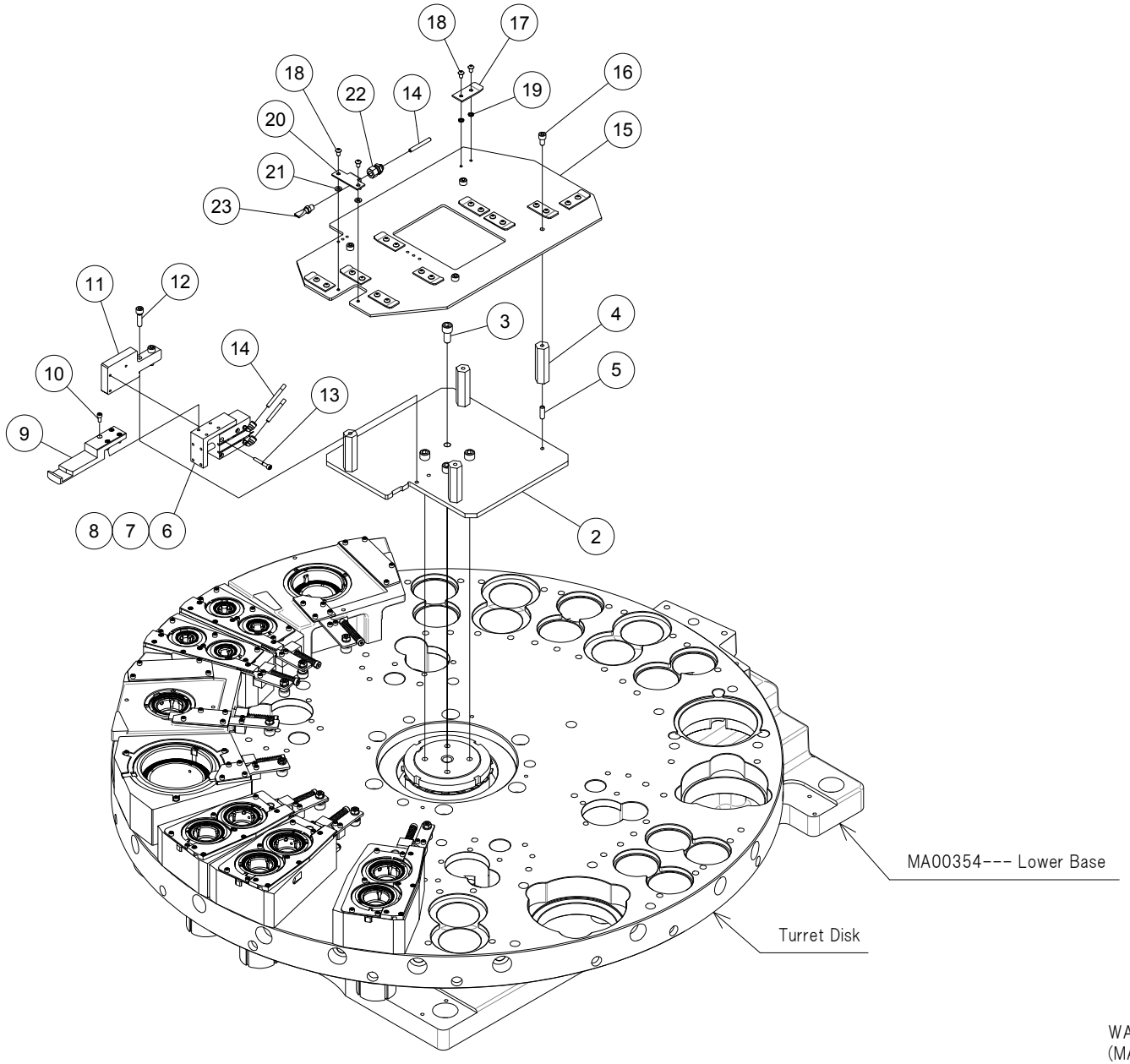
(1) 2″ Alignment Jig ASSY

0817090--B

Unit No. 329 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <2" Alignment Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400505 0817090--B	2" Alignment Jig ASSY	Index 2-7	1
2	74570185 0817092 B	Die Jig		1
3	74570184 6018123	Punch Jig Knob		1
4	74570187 0817094 B	T-type Jig		2
5	74570183 6018122	Punch Jig		1
6	74400506 0817093--C	Key		1
7	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1

Unit No. 330 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brush Support ASSY>



(1) Brush Support ASSY

WA00370---
(MA03359---)

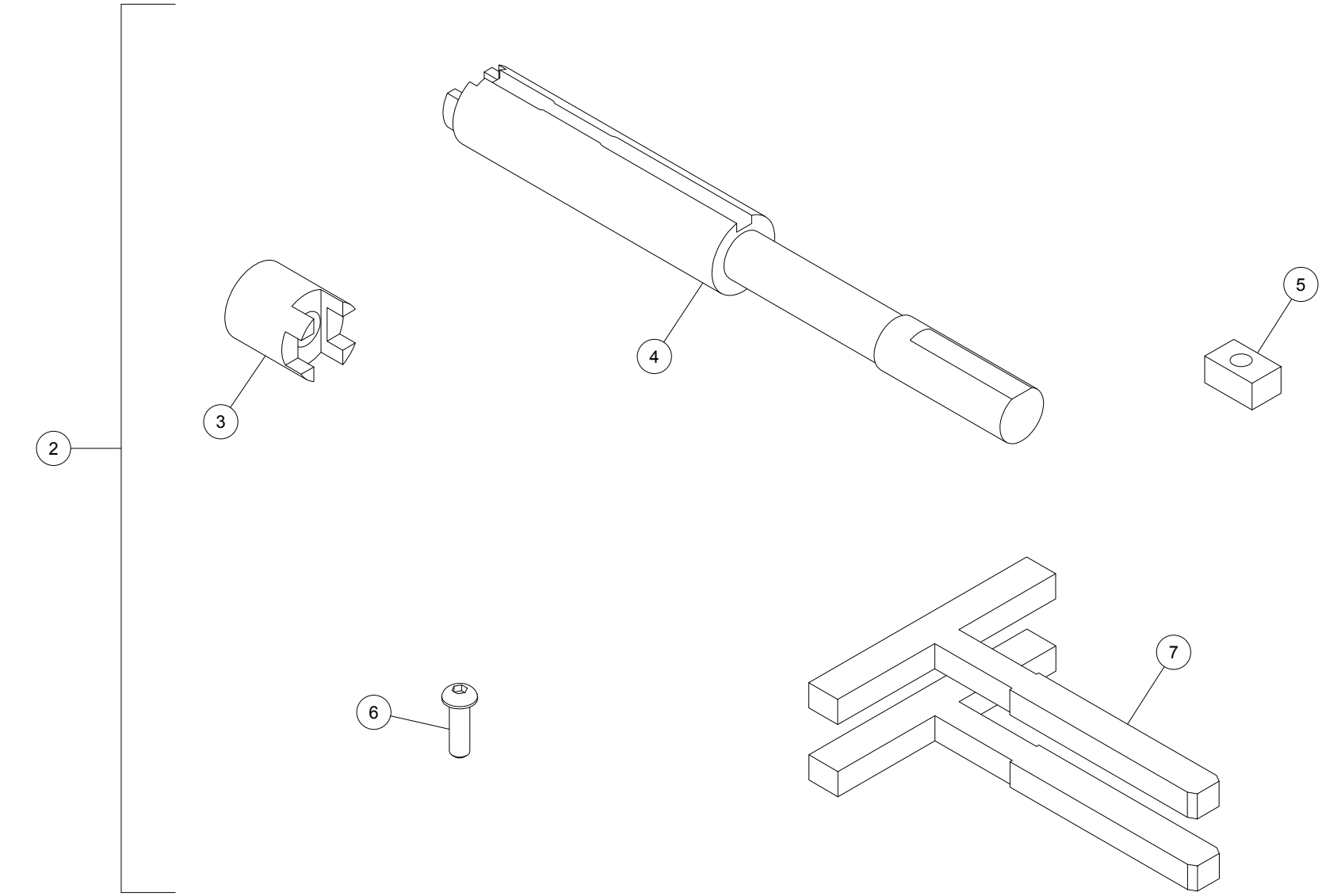
Unit No. 330 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 330 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1

Unit No. 331 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2" T Jig ASSY>



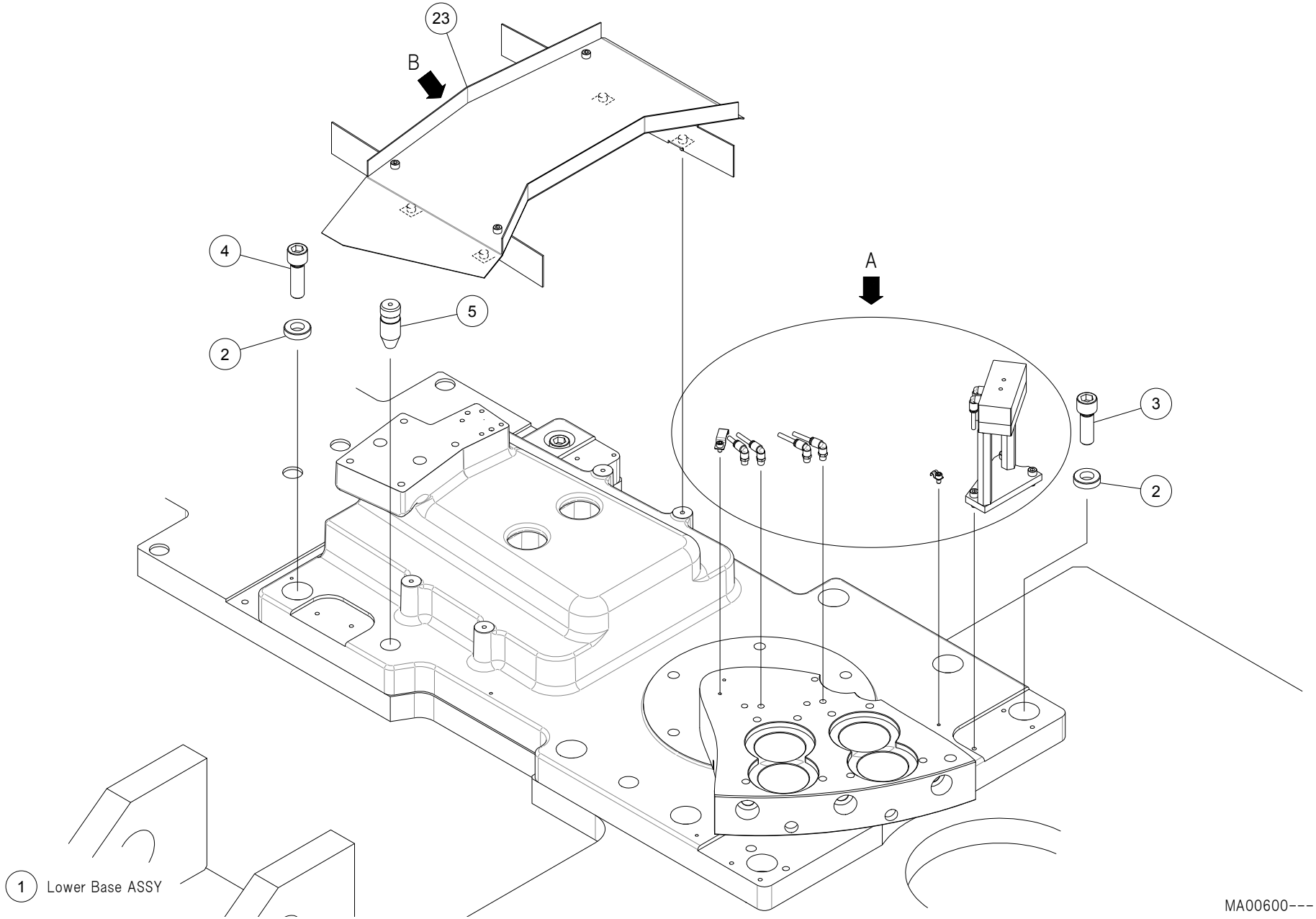
1 1/2" T Jig ASSY

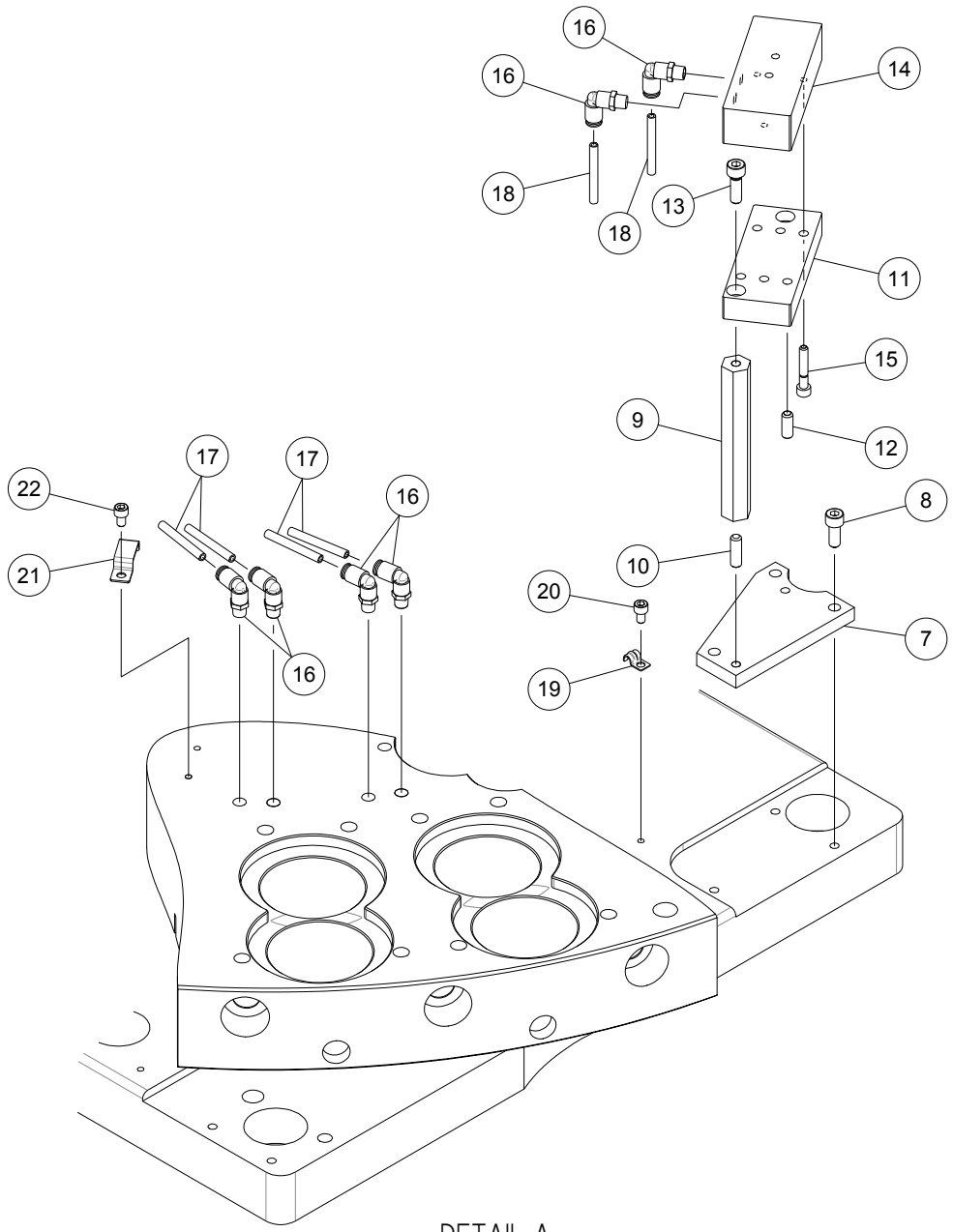
6824268

Unit No. 331 Turret AI(32ST-4AI)E-1/2"AI(1-1/4"X2) <1/2" T Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6824268	1/2" T Jig ASSY	Index 2-7	1
2	74901435 / 6824190	1/2" Center Setting Jig ASSY	Index 3-7	1
3	74901436 / 6824191	Die Jig 1/2"		1
4	74901437 / 6824192	Punch Jig 1/2"		1
5	74901438 / 6824193	Key 1/2"		1
6	74314603 / P334500016	Button Head Screw	M6X20	1
7	74901439 / 6824194	T-type Jig 1/2"		2

Unit No. 332 Turret AI(40ST-2AI)D-1/2"AI-1/3 <Lower Base ASSY>

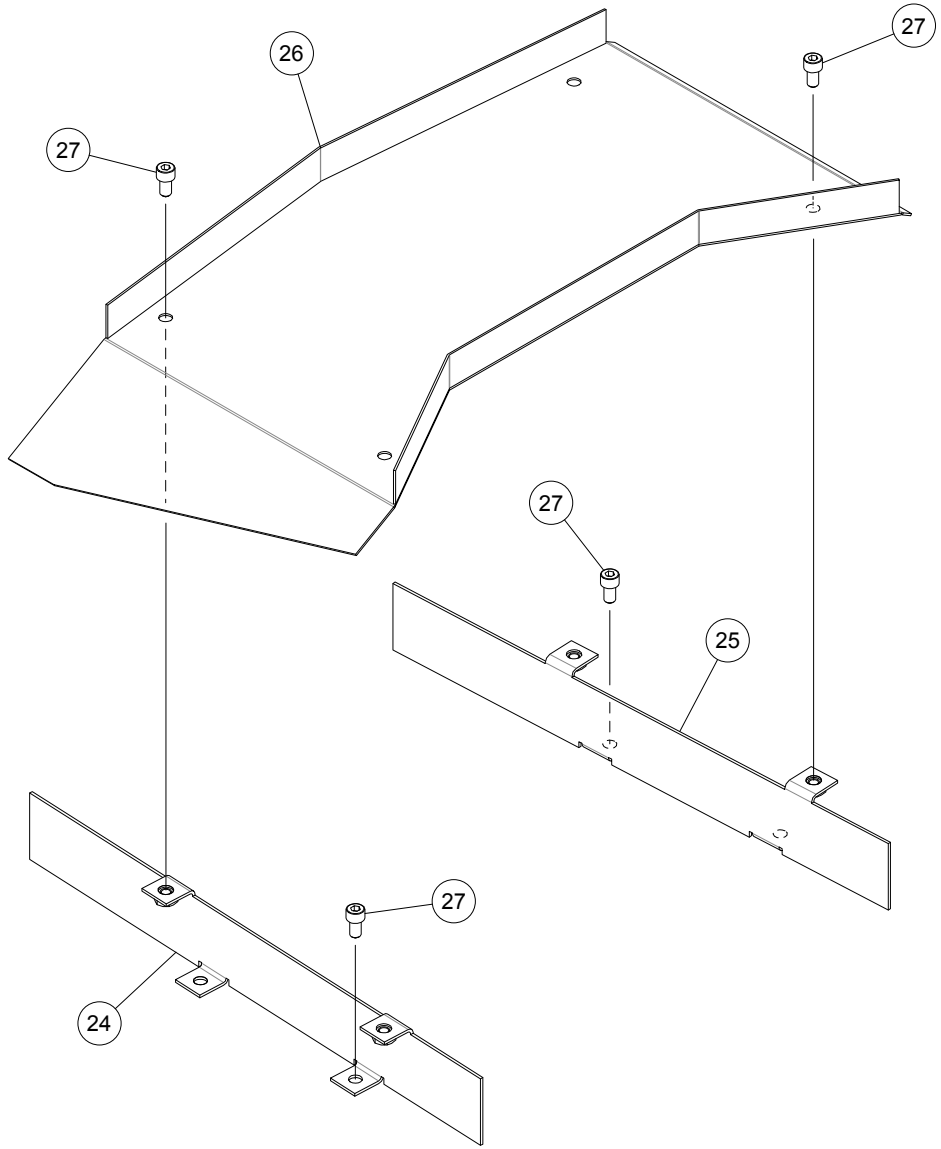




(6) Tap Sensor Piping ASSY

DETAIL A

MA00711---



(23) Scrap Receiver ASSY

DETAIL B

MA01071---

Unit No. 332 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>

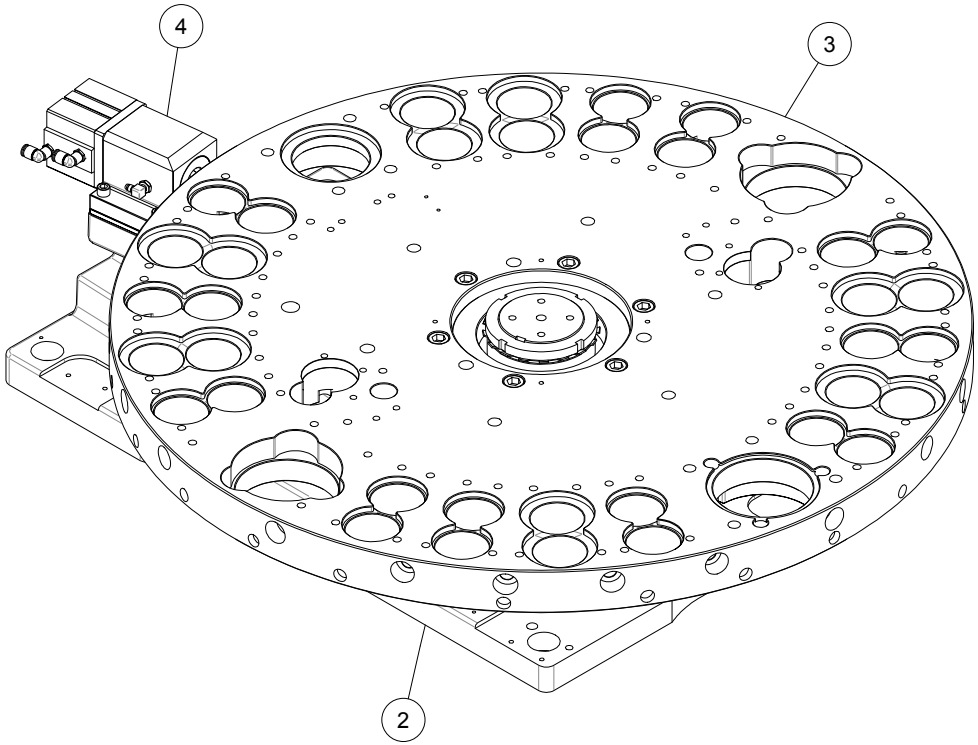
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00600---	Lower Base ASSY	Index 2-27	1
2	74159434 0821009 B	Washer		8
3	74705454 P330270007	Hex Socket Cap Screw	M20X60	2
4	74900648 P330270008	Hex Socket Cap Screw	M20X65	6
5	74417827 6874275	Locating Pin		2
6	MA00711---	Tap Sensor Piping ASSY	Index 7-22	1
7	74900425 MA00871---	Piping Plate		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
9	74900381 MA00660---	Stud		2
10	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	2
11	74900400 MA00704--A	Piping Block Base		1
12	74776789 P330550205	Socket Set Screw	M8X20(Fine Pitch Thread)	3

Unit No. 332 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74900401 MA00705--A	Piping Block		1
15	74183615 P330220013	Hex Socket Cap Screw	M6X35	3
16	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	6
17	71345945 P230223083	Plastic Hose JUNKOSHA	SP4-06(Black)-0.3M	4
18	71345945 P230218030	Plastic Hose JUNKOSHA	SP4-06(Black)-2M	2
19	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	1
20	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
21	74900470 MA02520--A	Saddle		1
22	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
23	 MA01071---	Scrap Receiver ASSY	 Index 24-27	1
24	74900429 MA01072--A	Scrap Receiver F		1

Unit No. 332 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900430 MA01073--A	Scrap Receiver R		1
26	74900431 MA01074--A	Scrap Receiver		1
27	74183620 P330230004	Hex Socket Cap Screw	M8X15	8



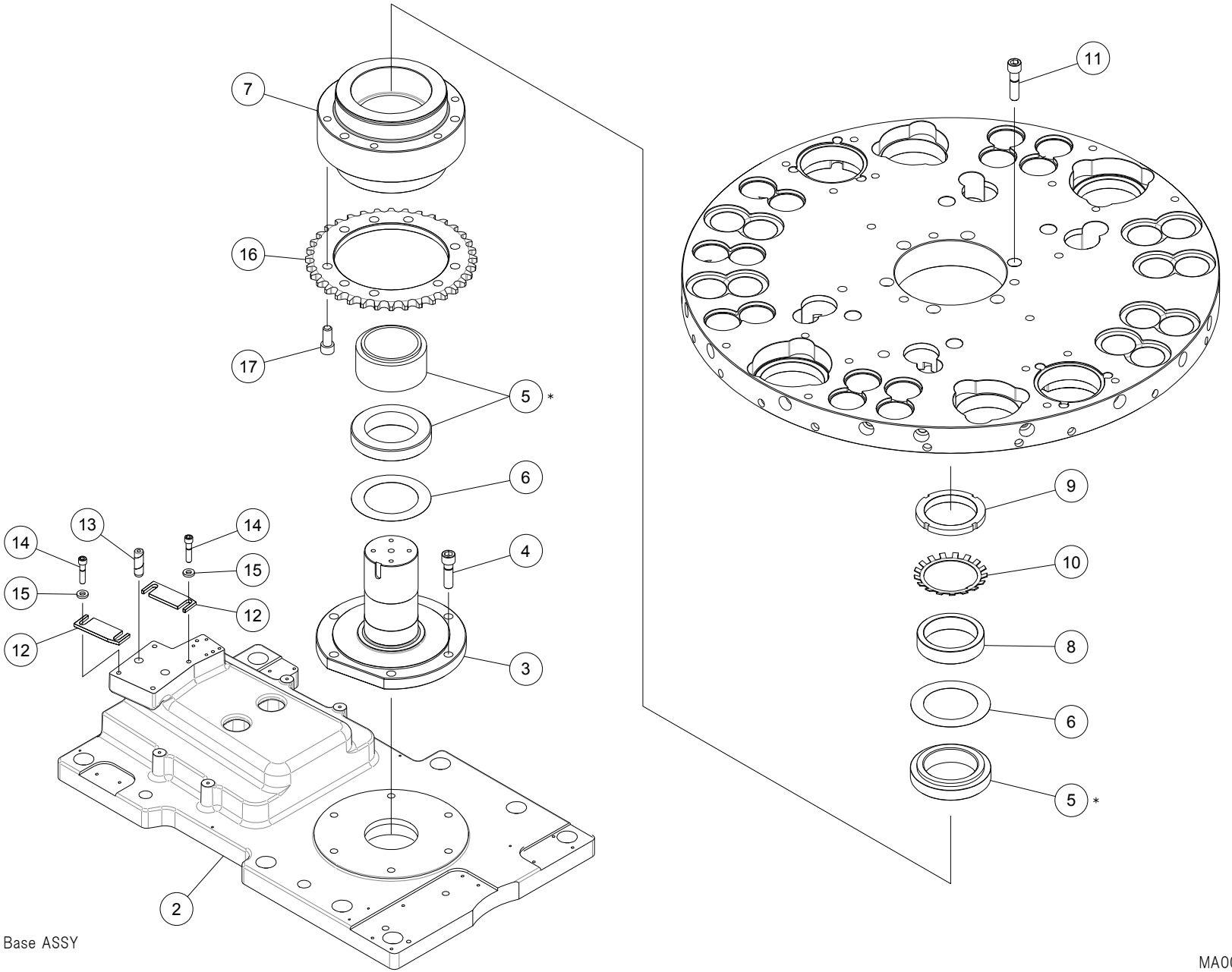
(1) Lower Turret ASSY 40ST-2AI

MA04181---

Unit No. 333 Turret AI(40ST-2AI)D-1/2"AI <Lower Turret ASSY 40ST-2AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04181---	Lower Turret ASSY 40ST-2AI	Index 2-4	1
2	MA00632---	Lower Base ASSY		1
3	MA04176---	40ST Disk ASSY Lower		1
4	74900326 6875464	Index Pin ASSY		1

Unit No. 334 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>



1 Lower Base ASSY

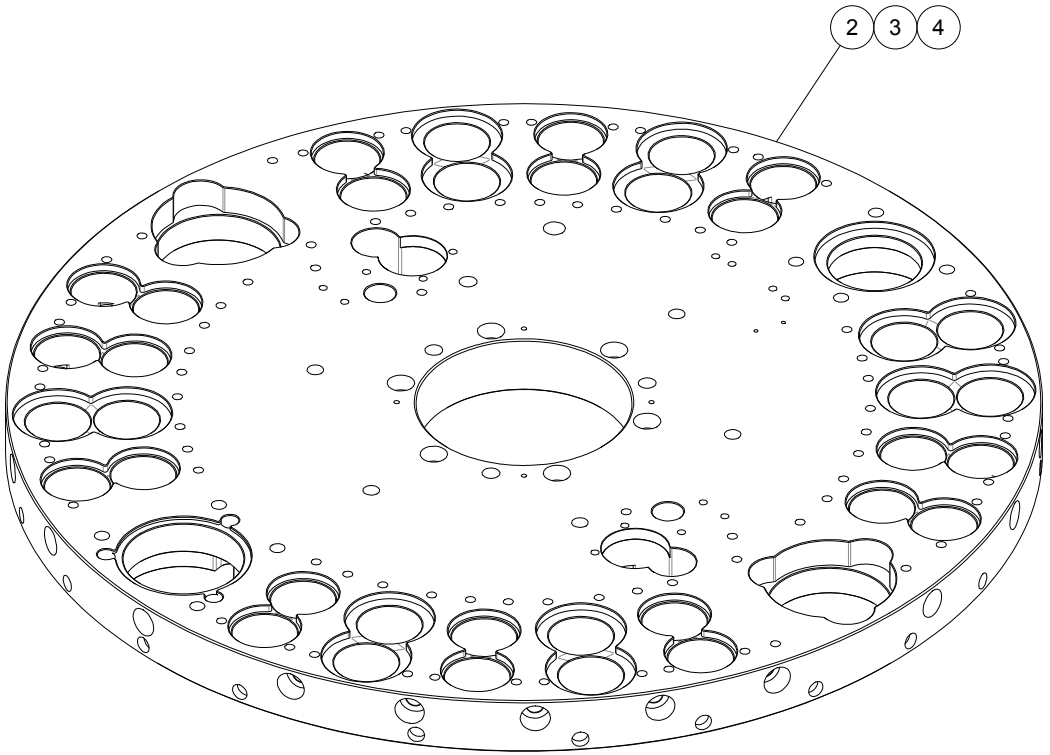
MA00632---

Unit No. 334 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00632---	Lower Base ASSY	Index 2-17	1
2	74900351 MA00354--A	Lower Base		1
3	74900373 MA00633--A	Bearing Shaft Lower		1
4	74776766 P330270009	Hex Socket Cap Screw	M20X70	6
5	74569663 7830623 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74421315 6827302	Collar		2
7	74900374 MA00634---	Bearing Housing Lower		1
8	74900375 MA00635---	Collar		1
9	74421248 0811674 B	Crown Nut		1
10	74303123 P406040019	Locking Washer JIS	AW-24	1
11	74776767 P330270011	Hex Socket Cap Screw	M20X80	6
12	74577424 6812556	Spacer		2

Unit No. 334 Turret AI(40ST-2AI)D-1/2"AI <Lower Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
14	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
15	74165310 0827014 B	Washer M12		4
16	74386826 6593831	Driven Sprocket		1
17	74716102 P330270004	Hex Socket Cap Screw	M20X45	6

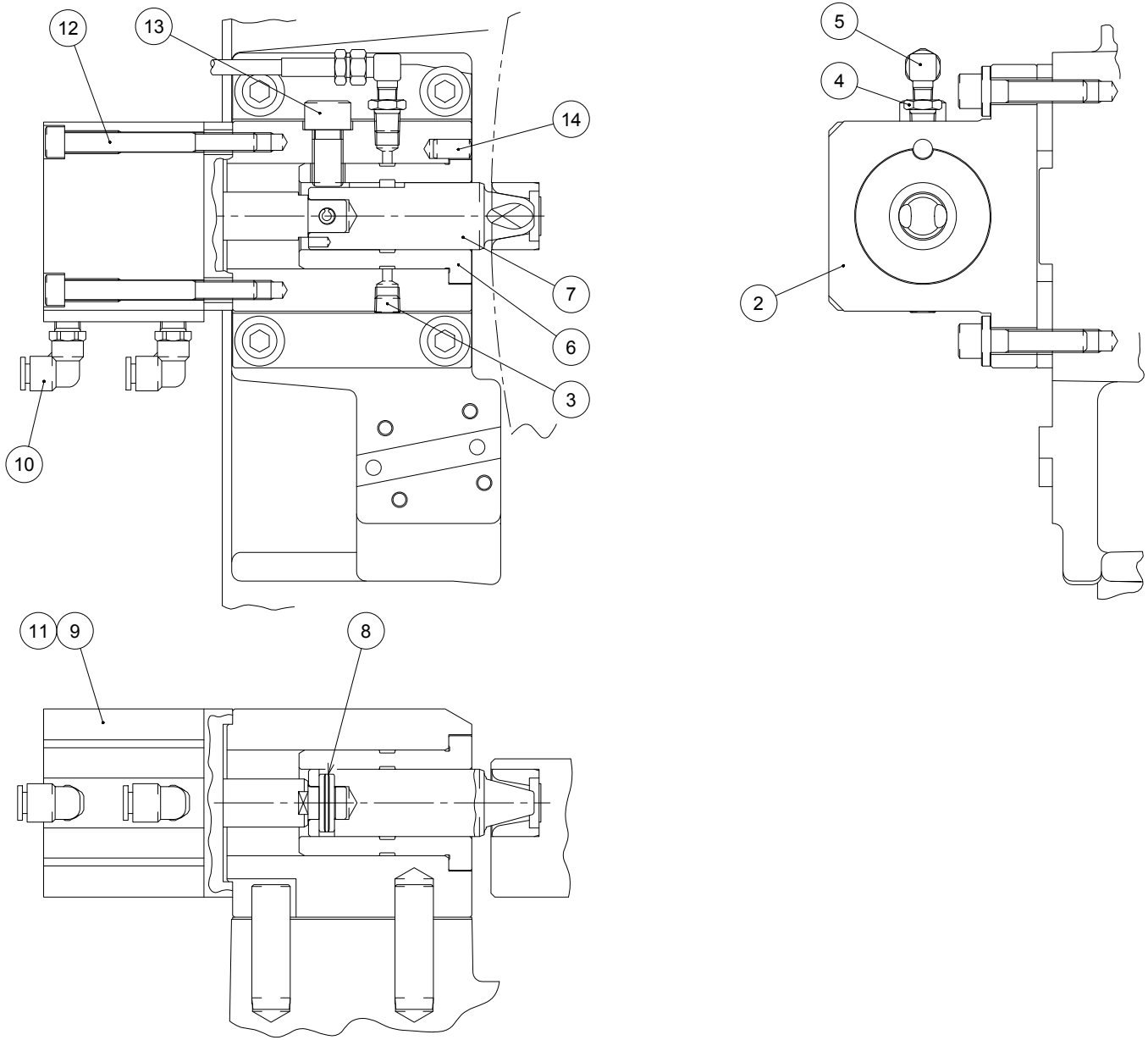


(1) 40ST Disk ASSY Lower

MA04176---
(MA04171---)

Unit No. 335 Turret AI(40ST-2AI)D-1/2"AI <40ST Disk ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04176---	40ST Disk ASSY Lower	Index 2-4	1
2	74900898 MA04171---	40ST Lower Turret Disk		1
3	74160230 0480336 K	Bushing		22
4	74570101 6813173	Sub Index Pin Bushing		22



(1) Index Pin ASSY

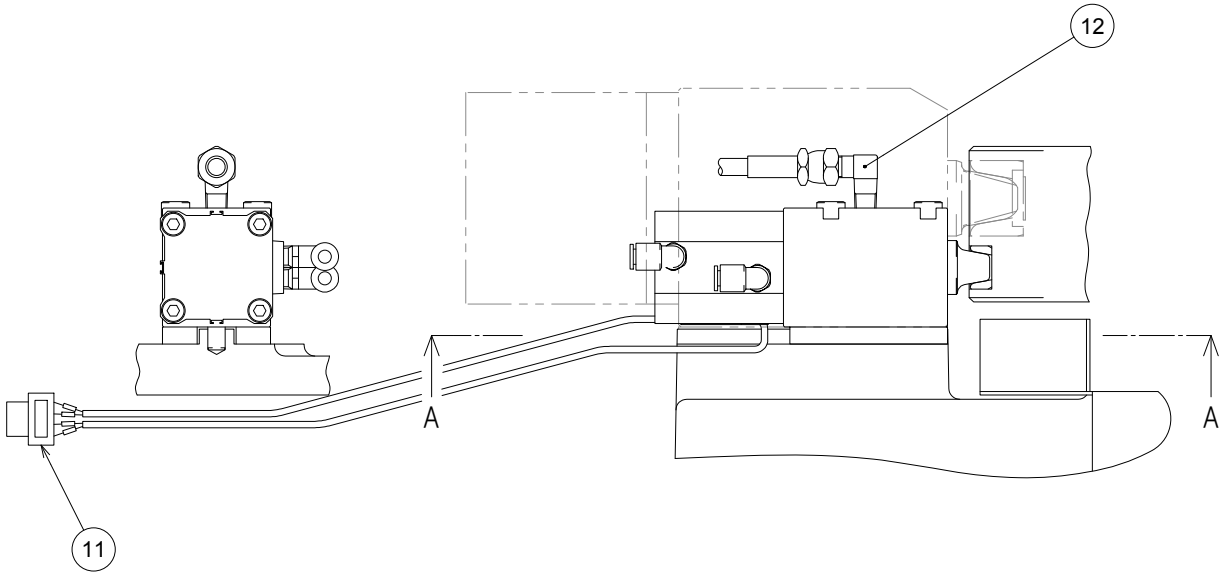
6875464
(6875460#1F)
(6875460#2C)

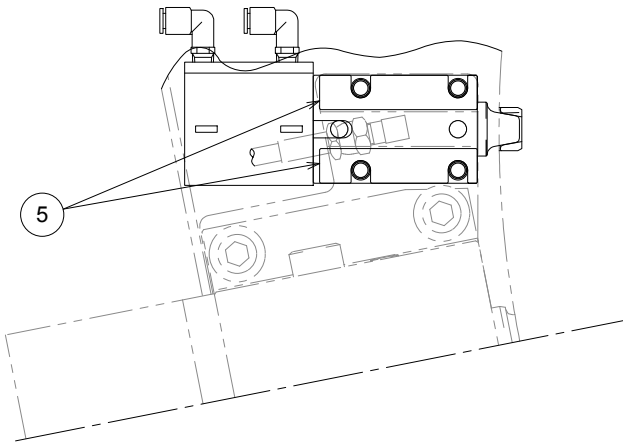
Unit No. 336 Turret AI(40ST-2AI)D-1/2"AI <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 6812587 A	Index Pin Housing		1
3	74389708 P580208034	Plug for Piping GOSHO Works	P10410	1
4	74722884 P580013001	Bush for Piping BAN SS	M-1/4X1/8	1
5	74722994 P589223029	Hose Adapter BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 6530302	Index Pin Bushing		1
7	74379123 6530303 B	Index Pin		1
8	74722785 P337030080	Spring Pin Ohkita	8X30AW	1
9	74454002 7831566 A	Air Cylinder (Compact Type) SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
11	74613264 S420232---	Auto Switch SMC	D-M9BL	2
12	74381569 P330240022	Hex Socket Cap Screw	M10X100	4

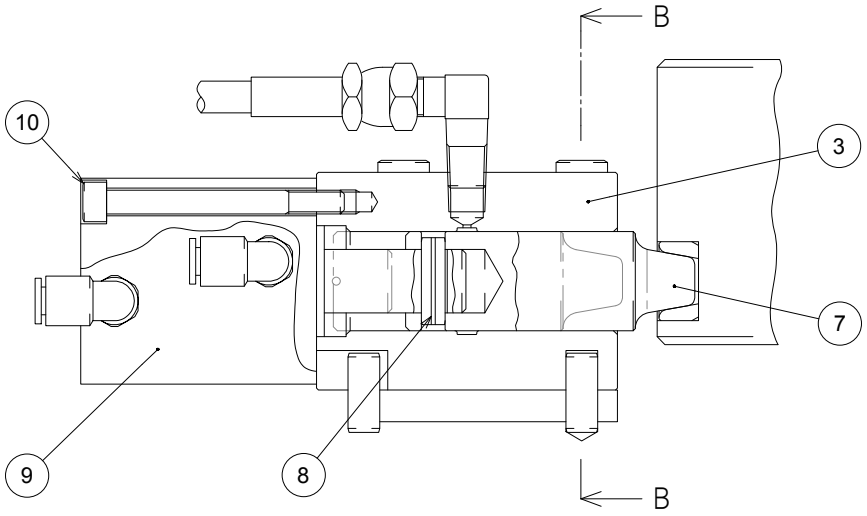
Unit No. 336 Turret AI(40ST-2AI)D-1/2"AI <Index Pin ASSY>

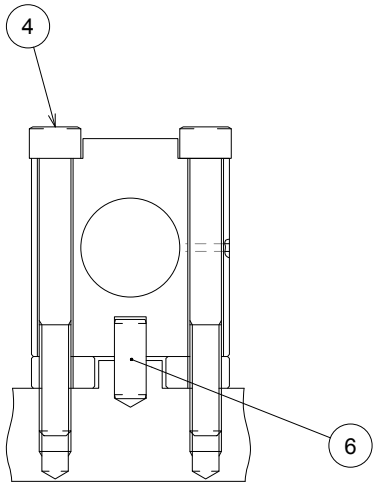
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1





SECTION A-A





SECTION B-B

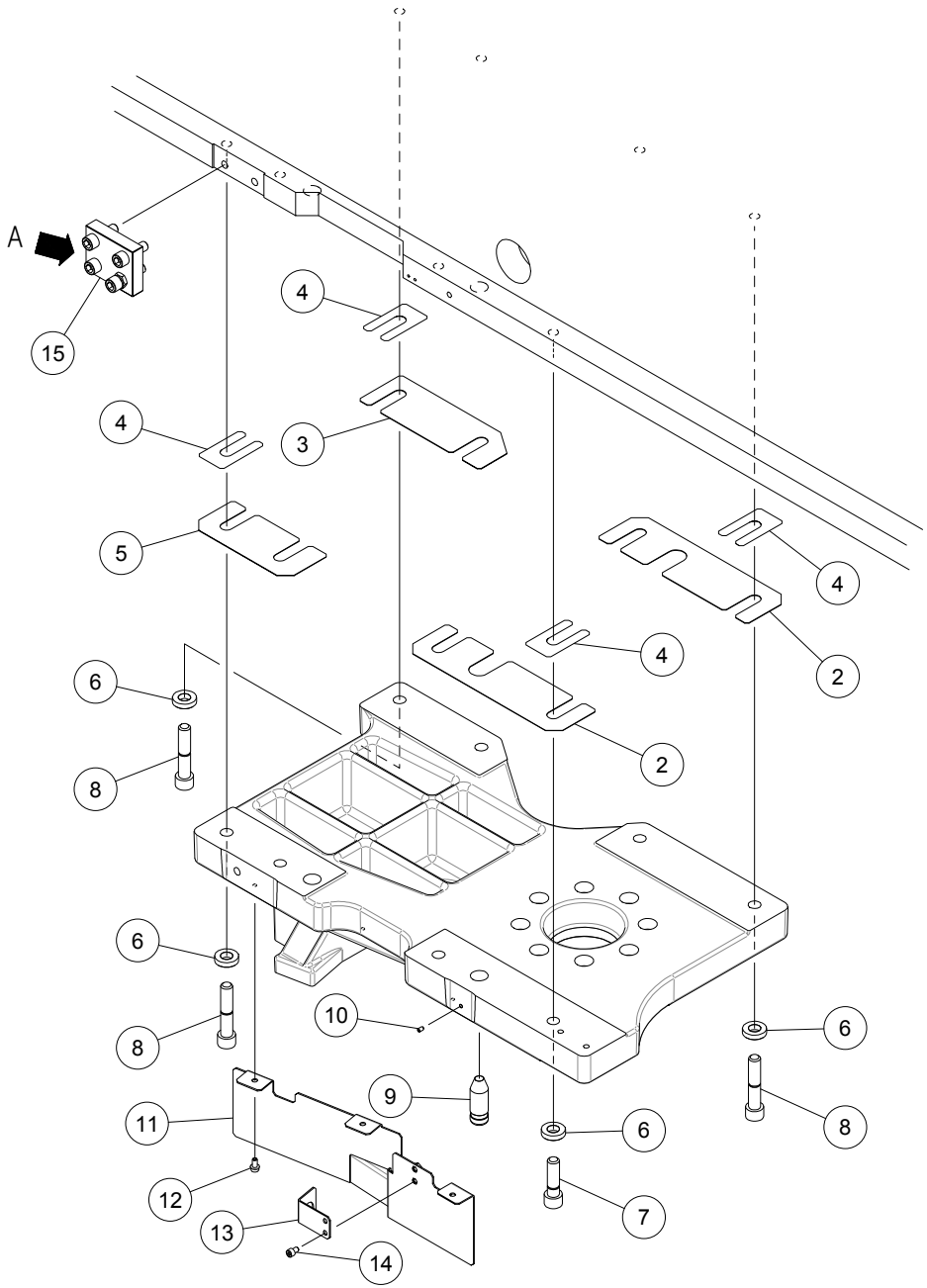
1 Lower Base PDC ASSY

2 Sub Index Pin ASSY Lower

CE00570---
(6875460#2D)

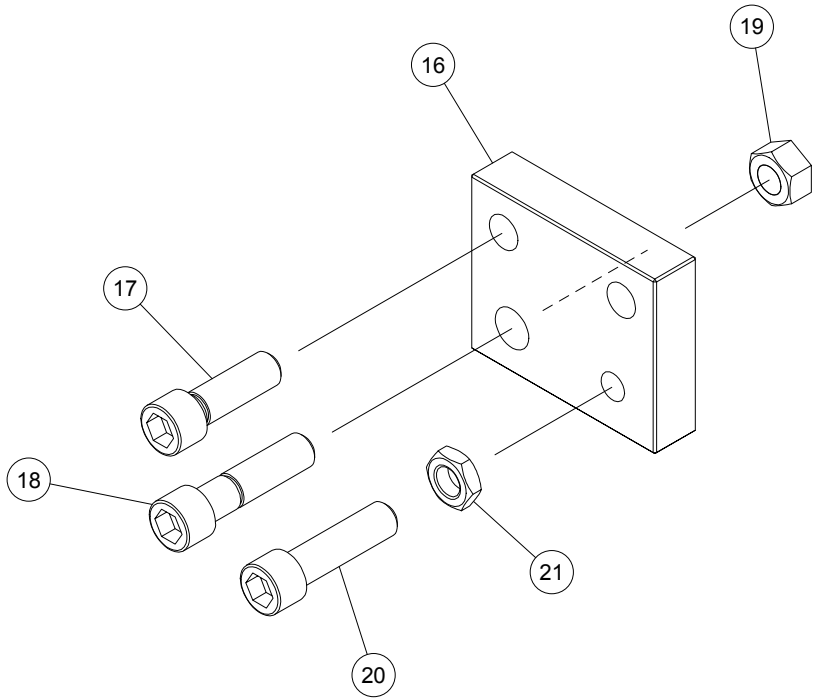
Unit No. 337 Turret AI(40ST-2AI)D-1/2"AI <Lower Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00570---	Lower Base PDC ASSY	Index 2-12	1
2	MA03074---	Sub Index Pin ASSY Lower	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900485 MA03065---	Cable SS3		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Upper Base ASSY

MA00602---



DETAIL A

(15) Adjust Block ASSY

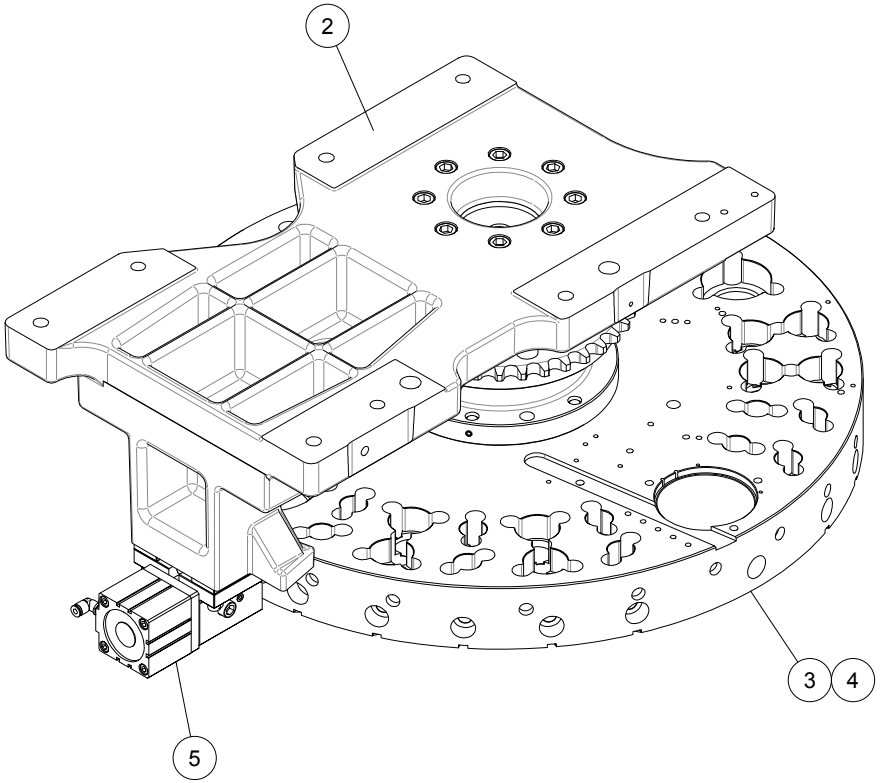
MA00642---

Unit No. 338 Turret AI(40ST-2AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA00602---	Upper Base ASSY	 Index 2-21	1
2	74900376 MA00639--A	Shim A		2
3	74900377 MA00640---	Shim B		1
4	74900380 MA00645---	Shim E		4
5	74900378 MA00641--A	Shim C		1
6	74159434 0821009 B	Washer		8
7	74776766 P330270009	Hex Socket Cap Screw	M20X70	1
8	74302828 P330270014	Hex Socket Cap Screw	M20X100	7
9	74451326 6892024 A	Locating Pin		2
10	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Type)	1
11	74900461 MA02408--B	Chain Cover		1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 338 Turret AI(40ST-2AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900460 MA02407--A	Chain Cover Piece		1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	2
15	 MA00642---	Adjust Block ASSY	 Index 16-21	1
16	74900379 MA00643---	Adjusting Block		1
17	74183663 P330260034	Hex Socket Cap Screw	M16X50	2
18	74384110 P330260037	Hex Socket Cap Screw	M16X65	1
19	74183213 P332000066	Nut JIS	M16(Type-1)	1
20	74900647 P330260059	Hex Socket Cap Screw	M16X60(All-thread)	1
21	74183215 P332000022	Nut JIS	M16(Thin)	1



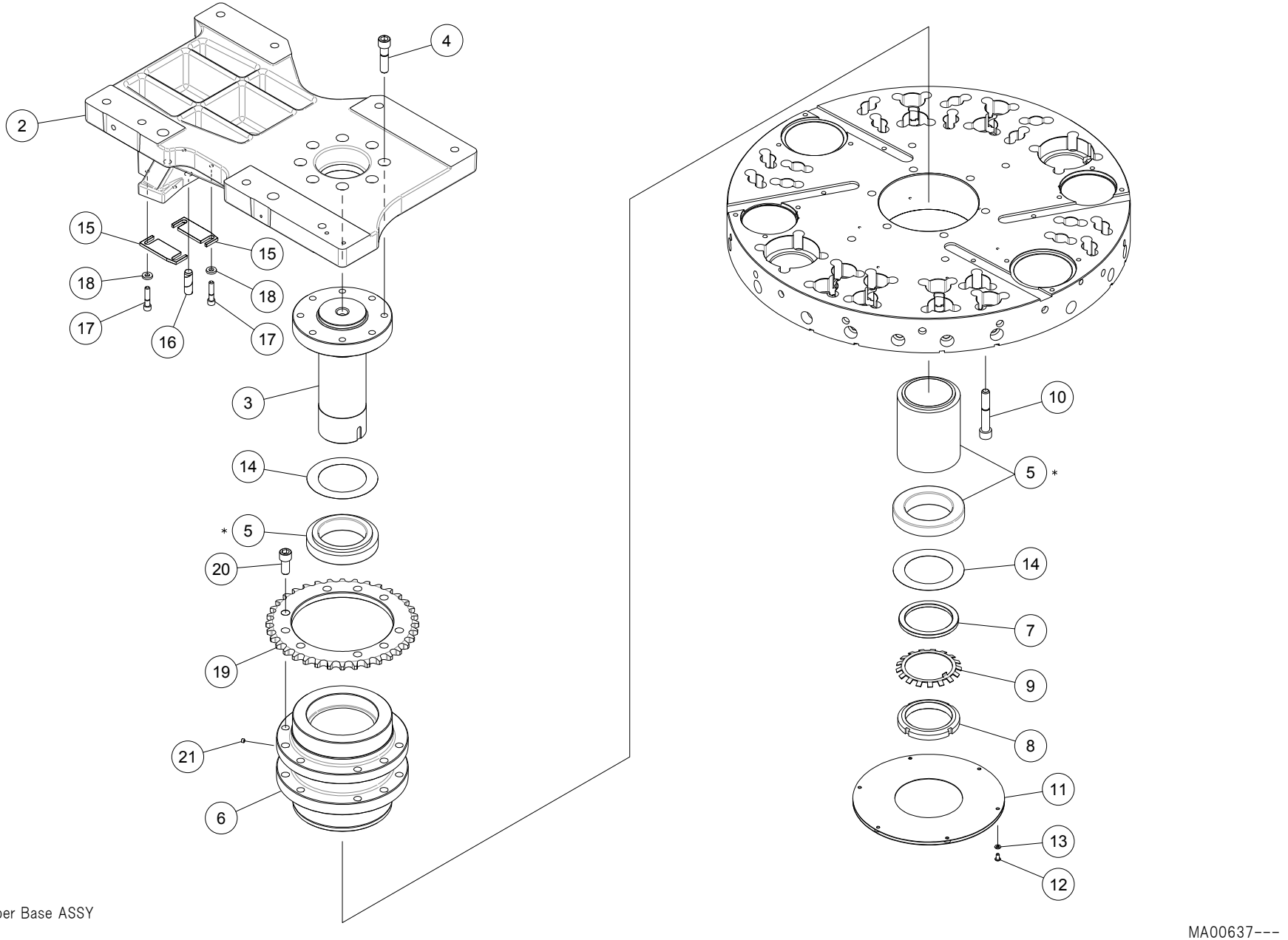
(1) Upper Turret ASSY 40ST-2AI

MA00637---

Unit No. 339 Turret AI(40ST-2AI)D-1/2"AI <Upper Turret ASSY 40ST-2AI>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04182---	Upper Turret ASSY 40ST-2AI	Index 2-5	1
2	MA00637---	Upper Base ASSY		1
3	MA04175---	40ST Disk ASSY Upper		1
4	MA04174---	40ST Tool ASSY		1
5	74900326 6875464	Index Pin ASSY		1

Unit No. 340 Turret AI(40ST-2AI)D-1/2"AI <Upper Base ASSY>



(1) Upper Base ASSY

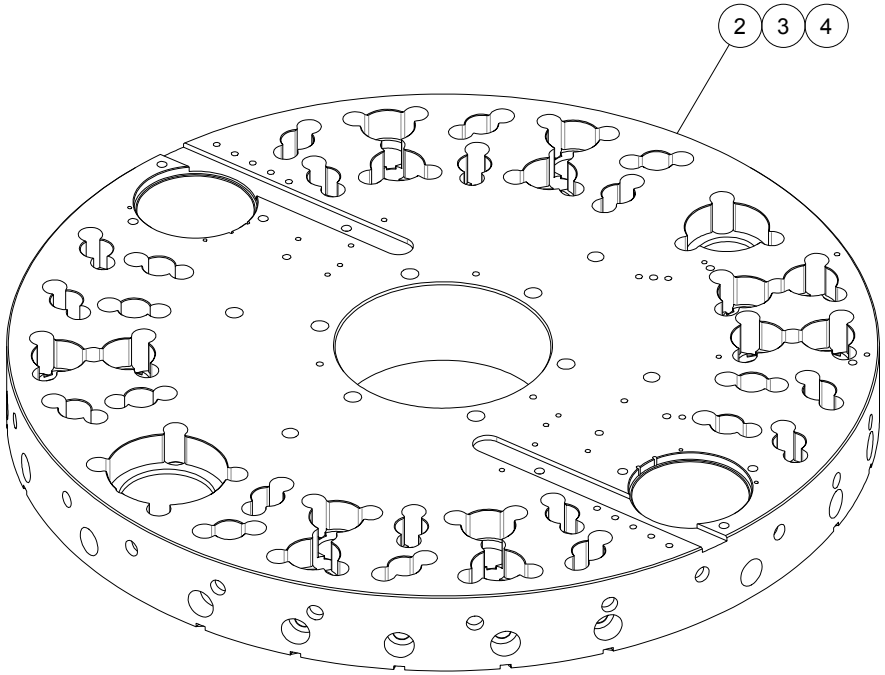
MA00637---

Unit No. 340 Turret AI(40ST-2AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00637---	Upper Base ASSY	Index 2-21	1
2	74900350 MA00352--B	Upper Base		1
3	74569656 6812552 A	Bearing Shaft Upper		1
4	74776767 P330270011	Hex Socket Cap Screw	M20X80	8
5	74569657 7830622 A	Roller Bearing Set NSK	HR32024XJL11DB	1
6	74379117 6530296	Bearing Housing Upper		1
7	74379119 6530298	Collar		1
8	74421248 0811674 B	Crown Nut		1
9	74303123 P406040019	Locking Washer JIS	AW-24	1
10	74900649 P330270017	Hex Socket Cap Screw	M20X120	6
11	74379120 6530299 A	Cap		1
12	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 340 Turret AI(40ST-2AI)D-1/2"AI <Upper Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183103 P336050006	Spring Washer JIS	8	6
14	74421315 6827302	Collar		2
15	74577424 6812556	Spacer		2
16	74389710 P337055079	Parallel Pin Ohkita	DPS-A20-65	2
17	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
18	74165310 0827014 B	Washer M12		4
19	74386826 6593831	Driven Sprocket		1
20	74716102 P330270004	Hex Socket Cap Screw	M20X45	9
21	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1

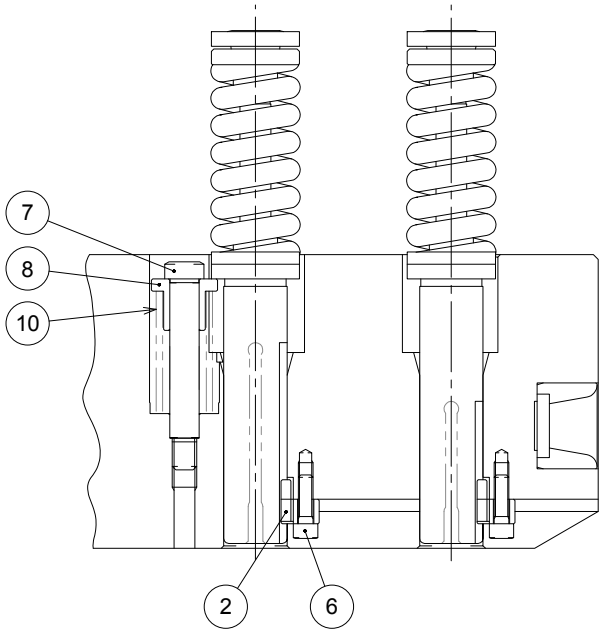


(1) 40ST Disk ASSY Upper

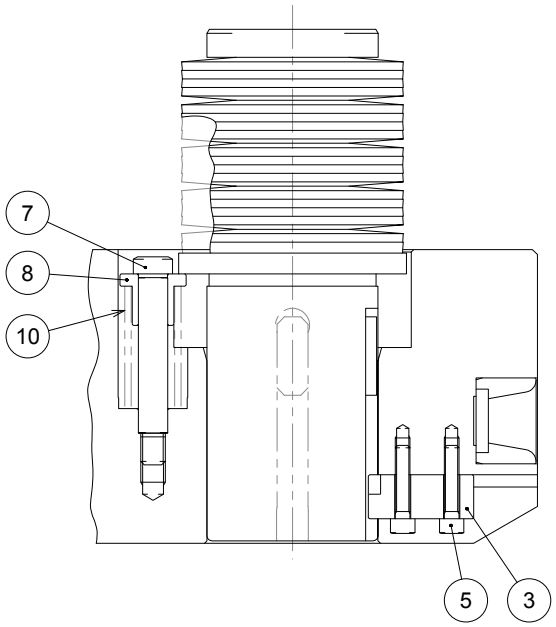
MA04175---
(MA04170---)

Unit No. 341 Turret AI(40ST-2AI)D-1/2"AI <40ST Disk ASSY Upper>

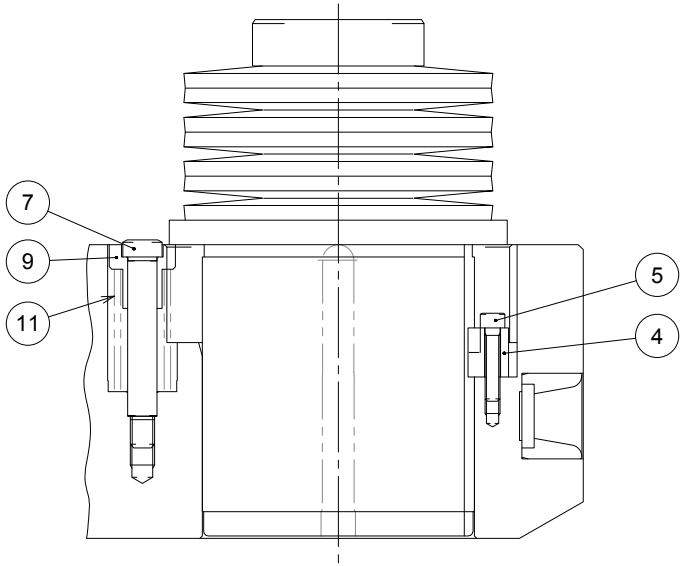
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04175---	40ST Disk ASSY Upper	Index 2-4	1
2	74901447 MA04170---	40ST Upper Turret Disk		1
3	74160230 0480336 K	Bushing		22
4	74570101 6813173	Sub Index Pin Bushing		22



1/2″,1-1/4″



2″



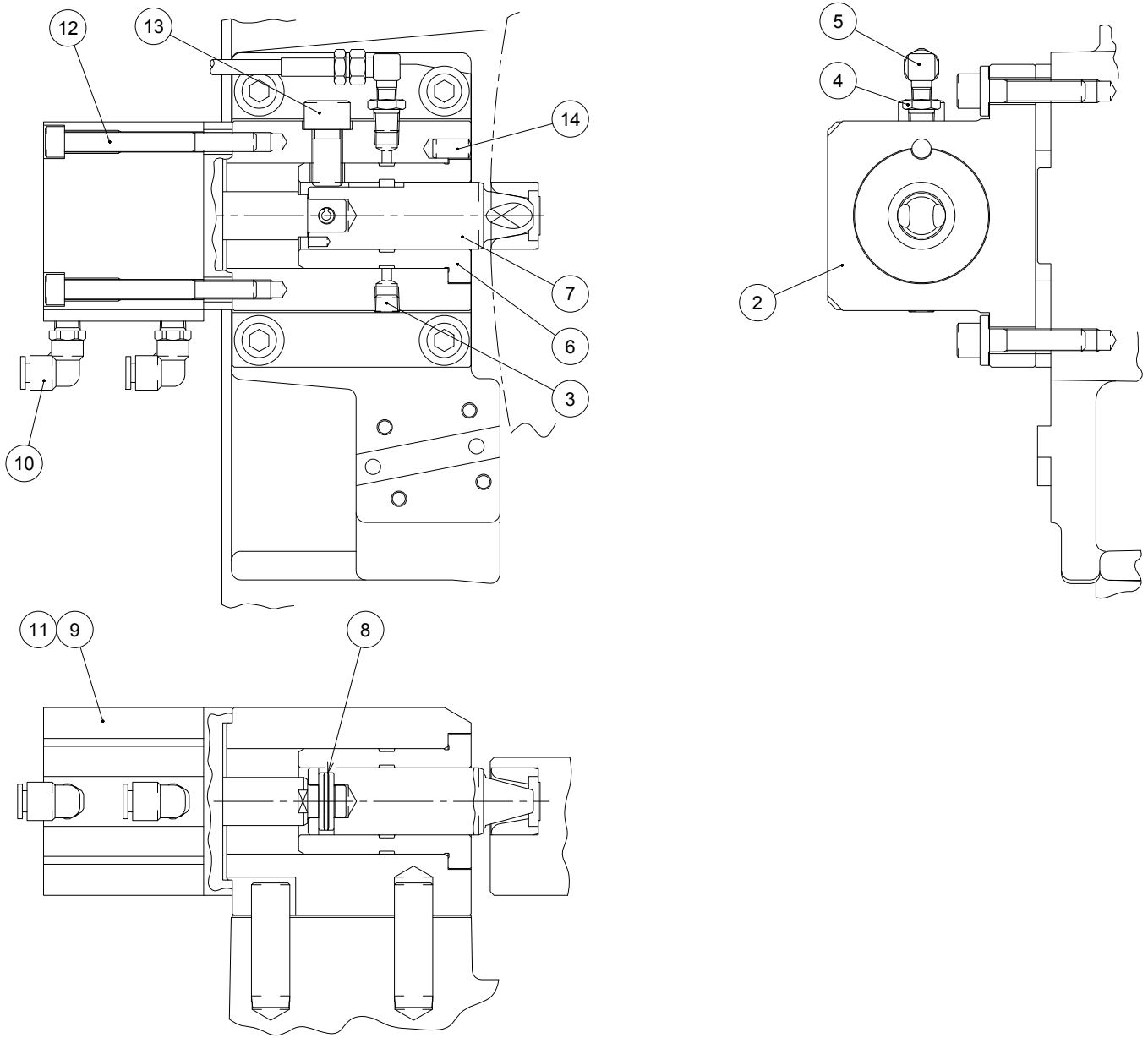
3-1/2″

(1) 40ST Tool ASSY

MA04174---

Unit No. 342 Turret AI(40ST-2AI)D-1/2"AI <40ST Tool ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04174---	40ST Tool ASSY	Index 2-11	1
2	74903475 3008133--A	1/2" Guide Key		36
3	74569850 6812864	2" Guide Key		1
4	74569852 6812865	3-1/2" Guide Key		1
5	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	36
7	74569846 3204978	Shoulder Screw		86
8	74165223 5500217 B	Lifter Collar		82
9	74165219 5501009 C	Lifter Ring		4
10	74569847 3200854	Spring 1/2"1-1/4"2"		82
11	74569851 3204979 A	Spring 3-1/2"4-1/2"		4



(1) Index Pin ASSY

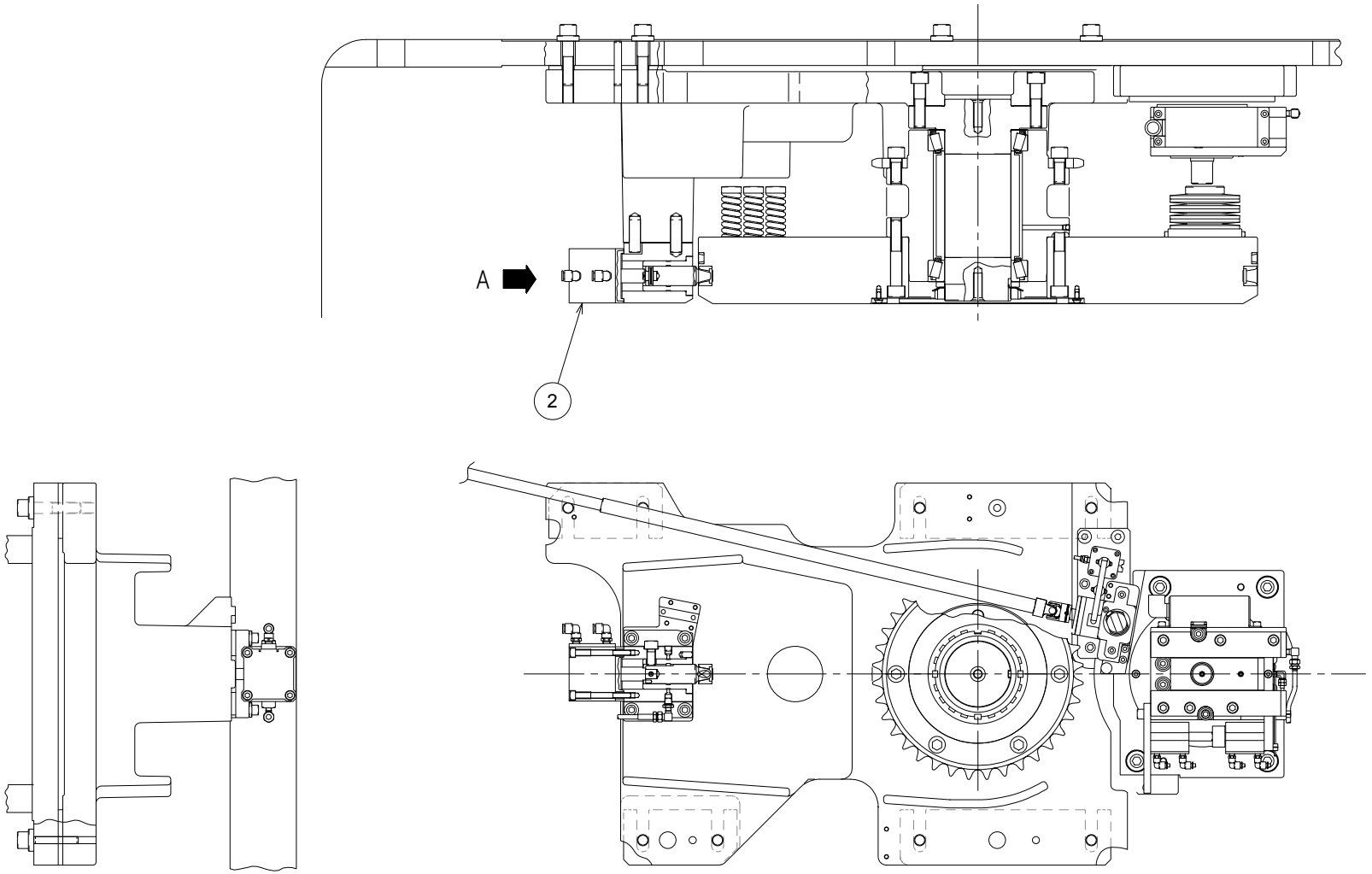
6875464
(6875460#1F)
(6875460#2C)

Unit No. 343 Turret AI(40ST-2AI)D-1/2"AI <Index Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900326 / 6875464	Index Pin ASSY	Index 2-14	1
2	74569659 / 6812587 A	Index Pin Housing		1
3	74389708 / P580208034	Plug for Piping / GOSHO Works	P10410	1
4	74722884 / P580013001	Bush for Piping / BAN SS	M-1/4X1/8	1
5	74722994 / P589223029	Hose Adapter / BRIDGESTONE	8021RG02 (Elbow)	1
6	74379122 / 6530302	Index Pin Bushing		1
7	74379123 / 6530303 B	Index Pin		1
8	74722785 / P337030080	Spring Pin / Ohkita	8X30AW	1
9	74454002 / 7831566 A	Air Cylinder (Compact Type) / SMC	CDQ2B80-30-DCK9747K with Index 1011	1
10	74777038 / P586563128	One Touch Fitting / SMC	KQ2L10-03S	2
11	74613264 / S420232---	Auto Switch / SMC	D-M9BL	2
12	74381569 / P330240022	Hex Socket Cap Screw	M10X100	4

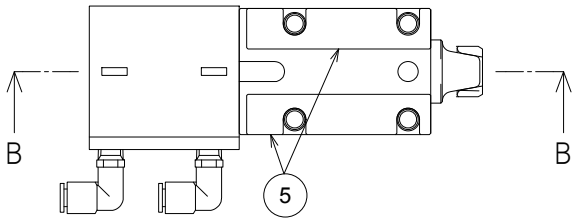
Unit No. 343 Turret AI(40ST-2AI)D-1/2"AI <Index Pin ASSY>

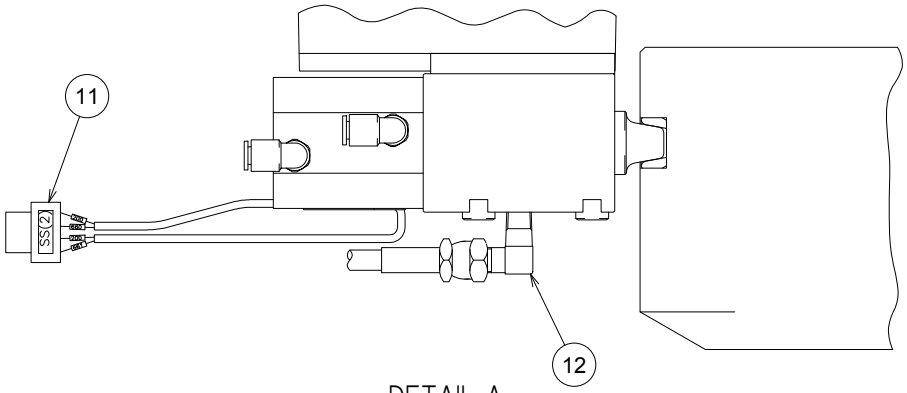
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389709 6572869 A	Hex Socket Cap Screw	(M16X30)	1
14	74180803 P337020056	Parallel Pin JIS	A-10X20	1



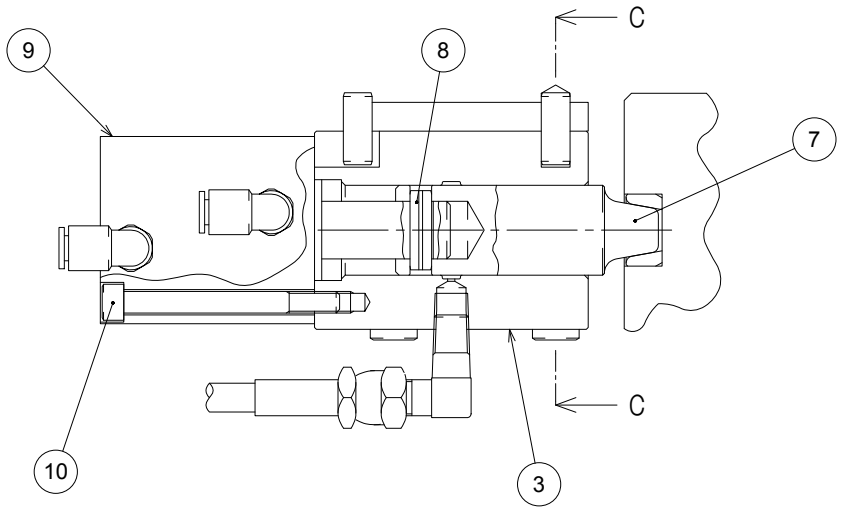
(1) Upper Base PDC ASSY

CE00571---
(6875470--H)

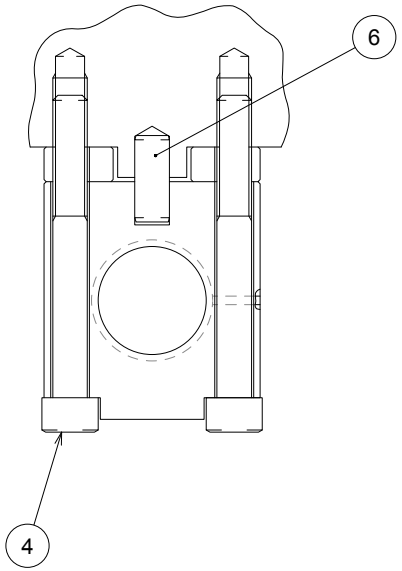




DETAIL A



SECTION B-B

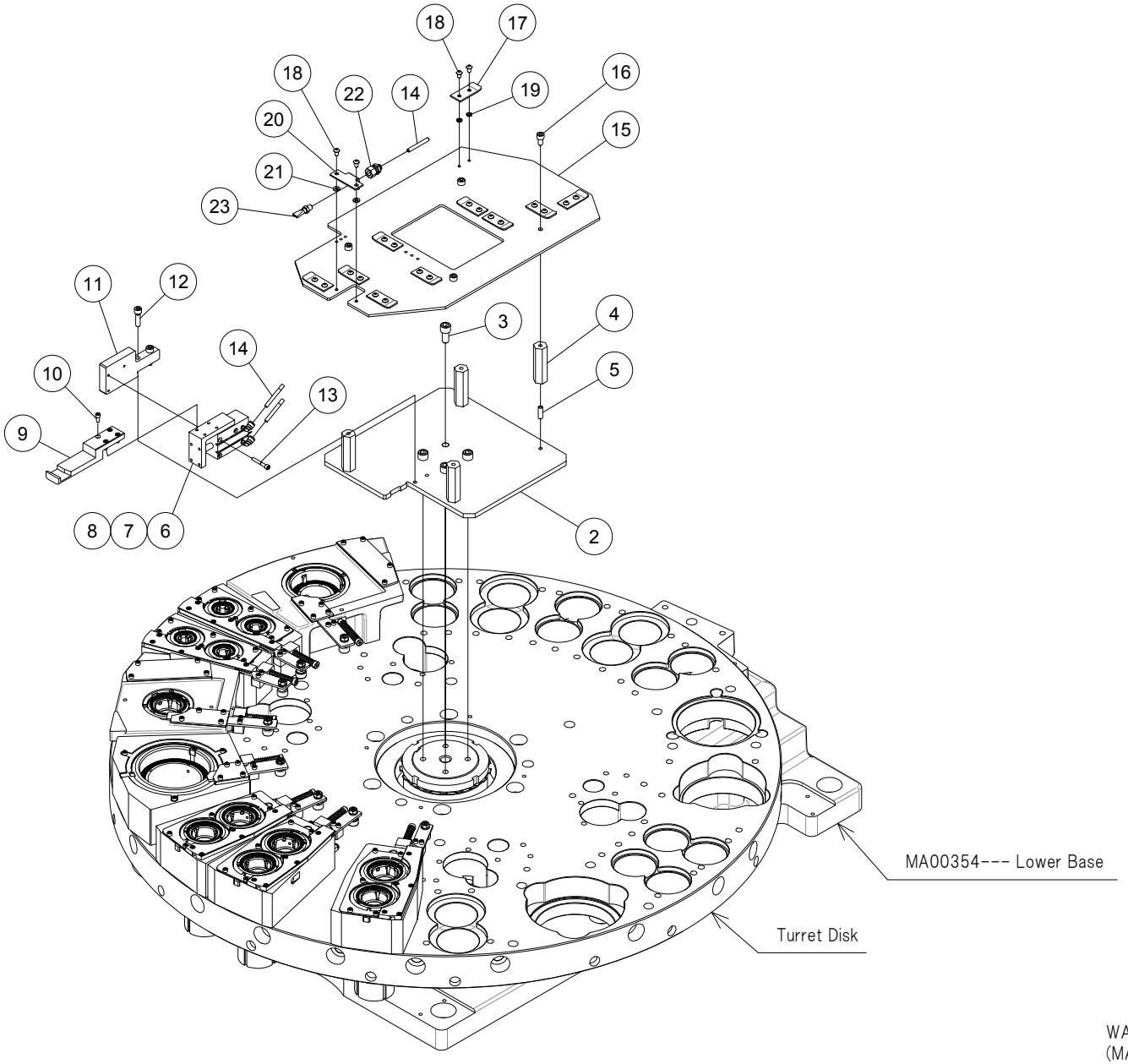


SECTION C-C

CE00571---
(6875470--H)

Unit No. 344 Turret AI(40ST-2AI)D-1/2"AI <Upper Base PDC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00571---	Upper Base PDC ASSY	Index 2-12	1
2	MA03076--A	Sub Index Pin ASSY Upper	Index 3-12	1
3	74420144 6812600 A	Sub Index Pin Housing		1
4	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
5	74420145 6812602	Spacer S	F16X9	2
6	74900655 P337054031	Parallel Pin MISUMI	MSTM8-25	2
7	74420146 6812601	Sub Index Pin		1
8	74420147 6812603	Spring Pin		1
9	74420148 7832827	Compact Type Cylinder CKD	SSD-L-40-20-T2H3	1
10	74354328 P330220018	Hex Socket Cap Screw	M6X60	4
11	74900484 MA03064---	Cable SS2		1
12	74569729 P589222237	Hose Adapter The Yokohama Rubber	1033-PT1/8-PF1/8	1



(1) Brush Support ASSY

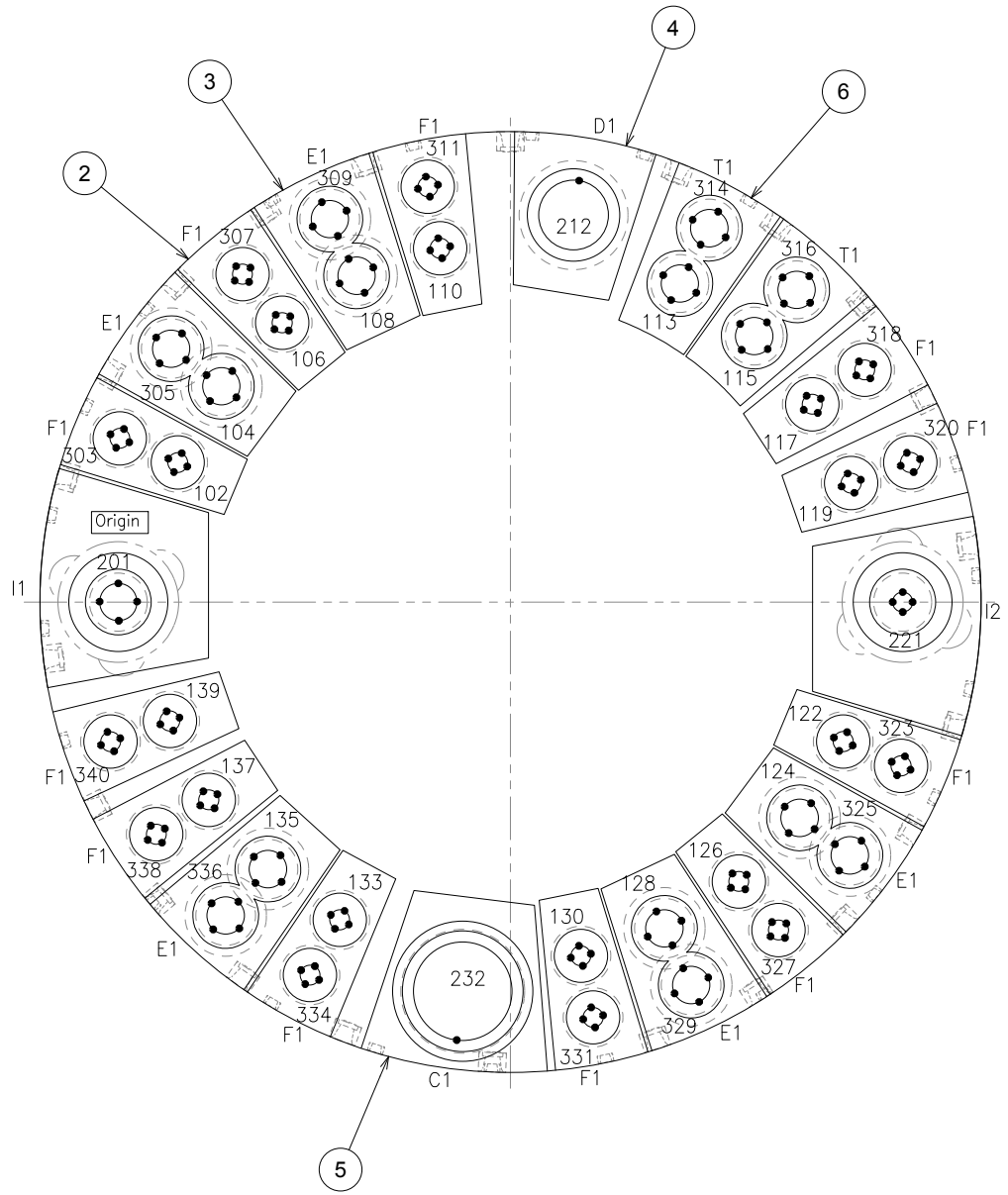
WA00370---
(MA03359---)

Unit No. 345 Turret AI(40ST-2AI)D-1/2"AI <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00370---	Brush Support ASSY	Index 2-24	1
2	74900450 MA01981--A	Brush Support Base Plate		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74900451 MA01982---	Stud		4
5	74560074 P330550042	Socket Set Screw JIS	M8X25(Flat Type)	4
6	74900334 7831713---	Cylinder SMC	MXH20-25-DCN504EN with Index 78	1
7	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
8	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
9	74900455 MA01987---	Release Hook		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74900452 MA01983--A	Cylinder Bracket		1
12	74183624 P330230008	Hex Socket Cap Screw	M8X30	2

Unit No. 345 Turret AI(40ST-2AI)D-1/2"AI <Brush Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304902 P330210012	Hex Socket Cap Screw	M5X35	3
14	74570235 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	3
15	74900490 MA03339---	Brush Support Plate		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
17	74900453 MA01985---	Hook		10
18	74183302 P334500013	Button Head Screw	M6X10	22
19	74900652 P336238659	Washer MISUMI	FWAS-D10-V6.5-T1.7	20
20	74900454 MA01986---	Nozzle Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	2
22	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
23	74900667 P557088010	Nozzle MISUMI	NZAL11	1
24	74900482 MA02585---	Cable DU-5	(SQ488489) / List Only	1

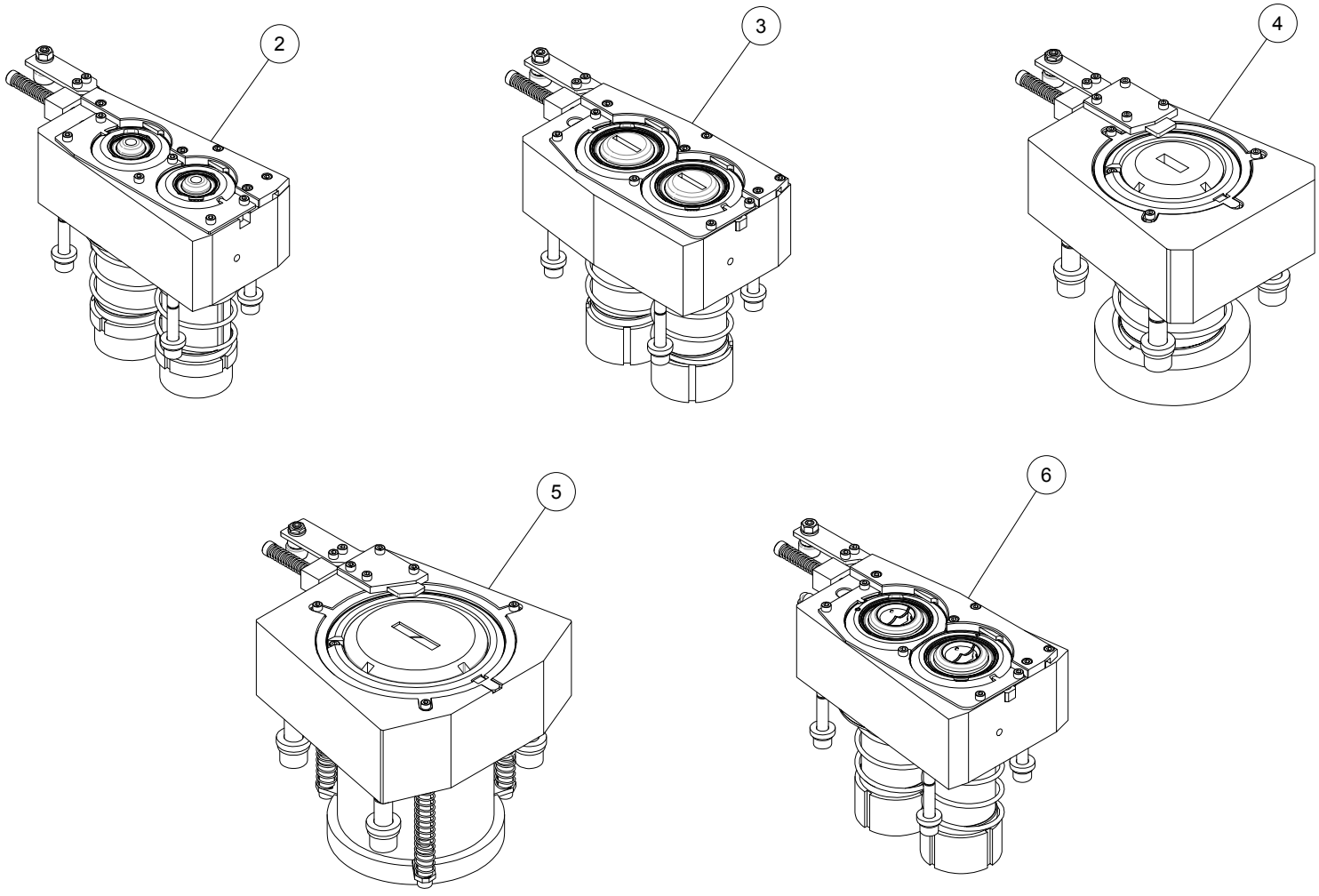


記号 Symbol	サイズ Size	ダイホルダー Die Holder	エジェクターパイプ Ejector Pipe	個数 Q'ty	金型個数 Tool Q'ty
C1	3·1/2"	MA00252--A	MA00254---	1	1
D1	2"	MA00266---	MA00268---	1	1
E1	1·1/4"	MA00591--A	MA01267---	5	10
F1	1/2"	MA00569--A	MA00571---	11	22
I1	AI (1·1/4")		MA01267---	1	1
I2	AI (1/2")		MA00571---	1	1
T1	TAP 1·1/4"	MA00667--A	MA01267---	2	4
			合 計 (Total)		40

(1) 40ST Lower Tool Kit

<40ST Die Holder Layout>

MA01262---
(MA04172---)

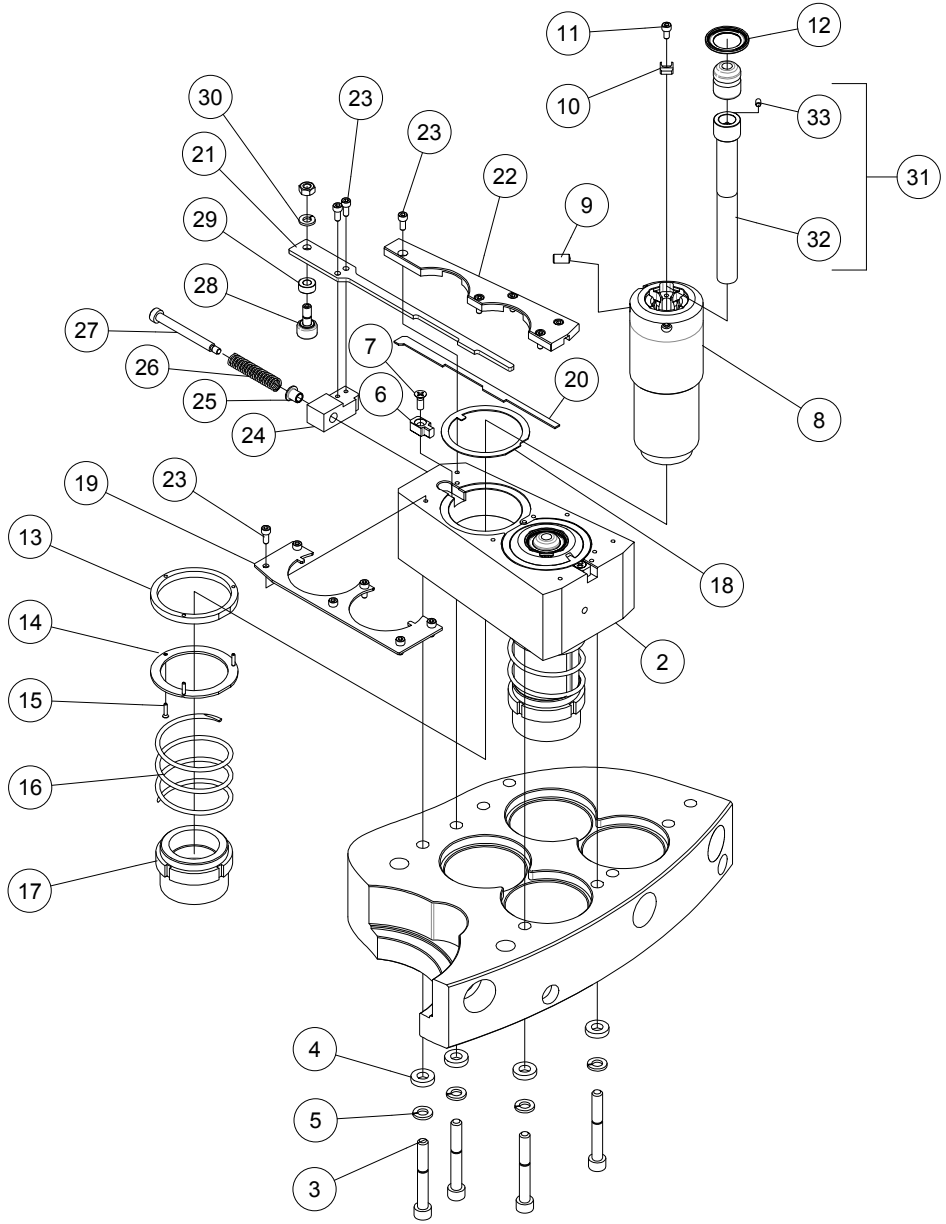


MA01262---

Unit No. 346 Turret AI(40ST-2AI)D-1/2"AI <40ST Lower Tool Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01262---	40ST Lower Tool Kit	Index 2-6	1
2	74403007 / MA08296---	1/2" Die Holder ASSY		11
3	74403008 / MA08294---	1-1/4" Die Holder ASSY		5
4	74900748 / MA00265--A	2" Die Holder ASSY		1
5	74900746 / MA00251--A	3-1/2" Die Holder ASSY		1
6	MA08301---	Tap Die Holder ASSY		2

Unit No. 347 Turret AI(40ST-2AI)D-1/2"AI <1/2" Die Holder ASSY>



(1) 1/2" Die Holder ASSY

MA08296---

Unit No. 347 Turret AI(40ST-2AI)D-1/2"AI <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08296---	1/2" Die Holder ASSY	Index 2-33	8
2	74900359 MA00569--A	Die Holder 1/2"		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401930 MA08295---	Lifter Pipe 1/2"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	4
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74387444 7400894 B	Cover Seal 1/2"		2

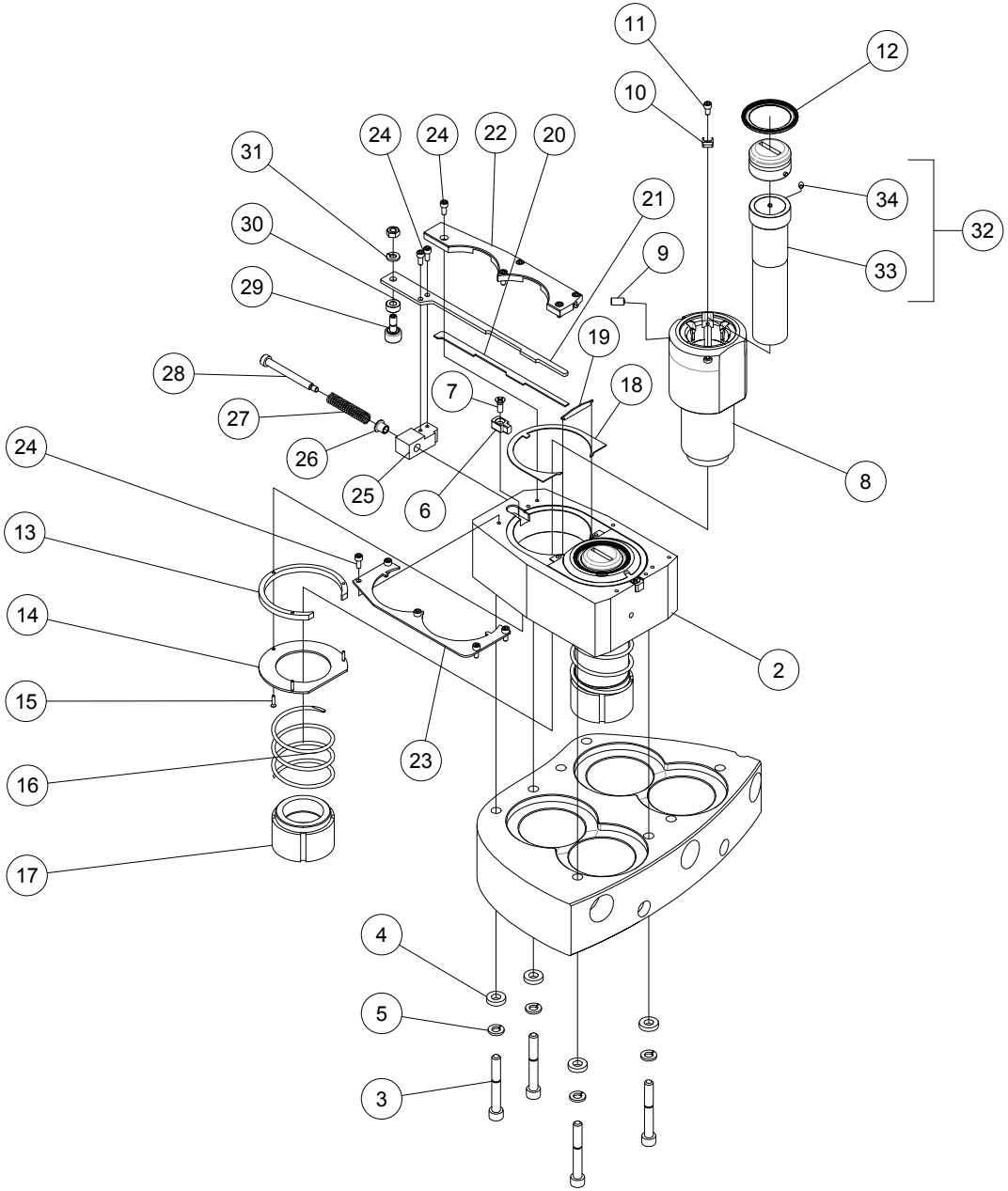
Unit No. 347 Turret Al(40ST-2Al)D-1/2"Al <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900363 MA00573---	Color 1/2"		2
14	74900362 MA00572--A	Stopper Plate 1/2"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900449 MA01287---	Lifter Pipe 1/2"		2
18	74900364 MA00574--B	Cover Seal A 1/2"		2
19	74900365 MA00575---	Seal Cover 1/2"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900356 MA00548---	Slide Stopper 1/2"		1
22	74900357 MA00549--B	Slide Stopper Holder 1/2"		1
23	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	13
24	74900448 MA01285---	Guide Holder		1

Unit No. 347 Turret Al(40ST-2Al)D-1/2"Al <1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
26	74900347 MA00287---	Spring		1
27	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
28	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
29	74900348 MA00288---	Collar		1
30	74183103 P336050006	Spring Washer JIS	8	1
31	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 3233	2
32	74900361 MA00571---	Ejector Pipe 1/2"		1
33	 7421419	Pin 1-1/4"		1

Unit No. 348 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" Die Holder ASSY>



(1) 1-1/4″ Die Holder ASSY

MA08294---

Unit No. 348 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08294---	1-1/4" Die Holder ASSY	Index 2-34	5
2	74900369 MA00591--A	1-1/4" Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401931 MA08293---	Lifter Pipe 1-1/4"		2
9	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
10	74900459 MA02406--B	Stopper Block		2
11	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
12	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2

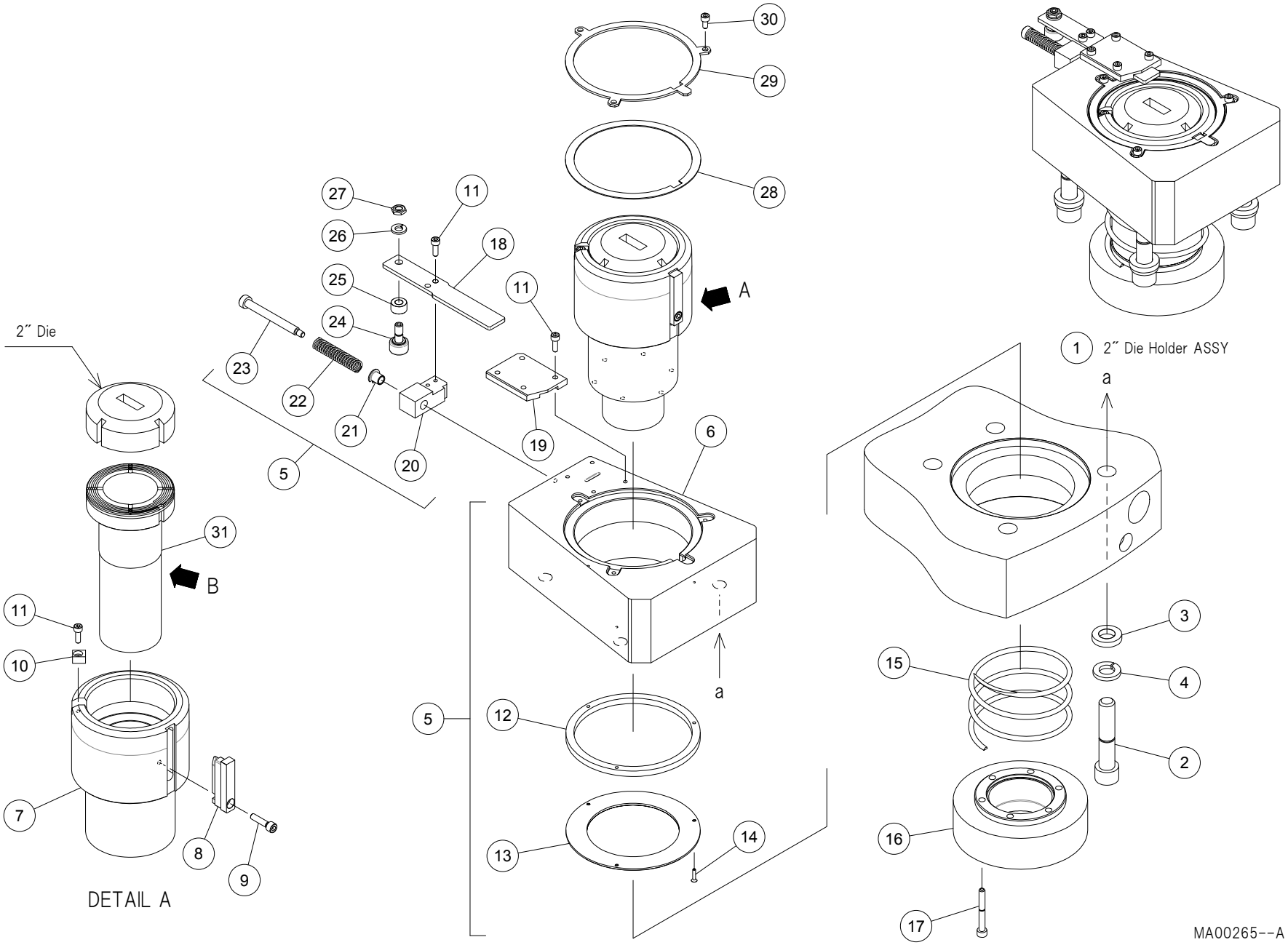
Unit No. 348 Turret Al(40ST-2Al)D-1/2"Al <1-1/4" Die Holder ASSY>

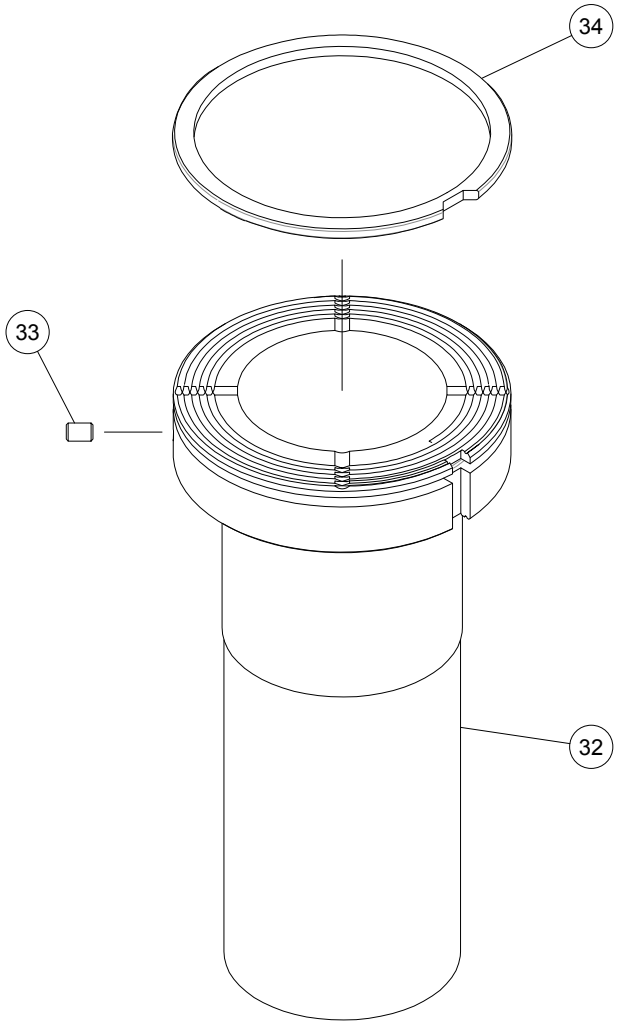
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900371 MA00593---	Color 1-1/4"		2
14	74900370 MA00592--A	Stopper Plate 1-1/4"		2
15	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
16	74900437 MA01269---	Return Spring 1-1/4"		2
17	74900438 MA01270---	Lifter Pipe 1-1/4"		2
18	74900439 MA01271--B	Cover Seal A 1-1/4"		2
19	74900440 MA01272---	Cover Seal B 1-1/4"		1
20	74900436 MA01268--A	Support Plate 1-1/4"		1
21	74900441 MA01273---	Slide Stopper 1-1/4"		1
22	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
23	74900386 MA00666---	Seal Cover (Tapping)		1
24	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12

Unit No. 348 Turret Al(40ST-2Al)D-1/2"Al <1-1/4" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
30	74900348 MA00288---	Collar		1
31	74183103 P336050006	Spring Washer JIS	8	1
32	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 3334	2
33	74900435 MA01267---	1-1/4 Ejector Pipe		1
34	 7421419	Pin 1-1/4"		1

Unit No. 349 Turret AI(40ST-2AI)D-1/2"AI-1/2 <2" Die Holder ASSY>





DETAIL B

(31) Ejector Pipe Kit 2

MA02413---

Unit No. 349 Turret AI(40ST-2AI)D-1/2"AI <2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900748 MA00265--A	2" Die Holder ASSY	Index 2-34	2
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900497 SPT0061---	Die Holder 2" ASSY	Index 6-34	1
6	74900341 MA00266---	Die Holder 2"		1
7	74900342 MA00267---	Lifter Pipe 2"		1
8	74900442 MA01276---	Die Key		1
9	74300611 P330220011	Hex Socket Cap Screw	M6X25	1
10	74900340 MA00264--A	Stopper Plate		1
11	74314403 P330210006	Hex Socket Cap Screw	M5X15	7
12	74900367 MA00579---	Color 2"		1

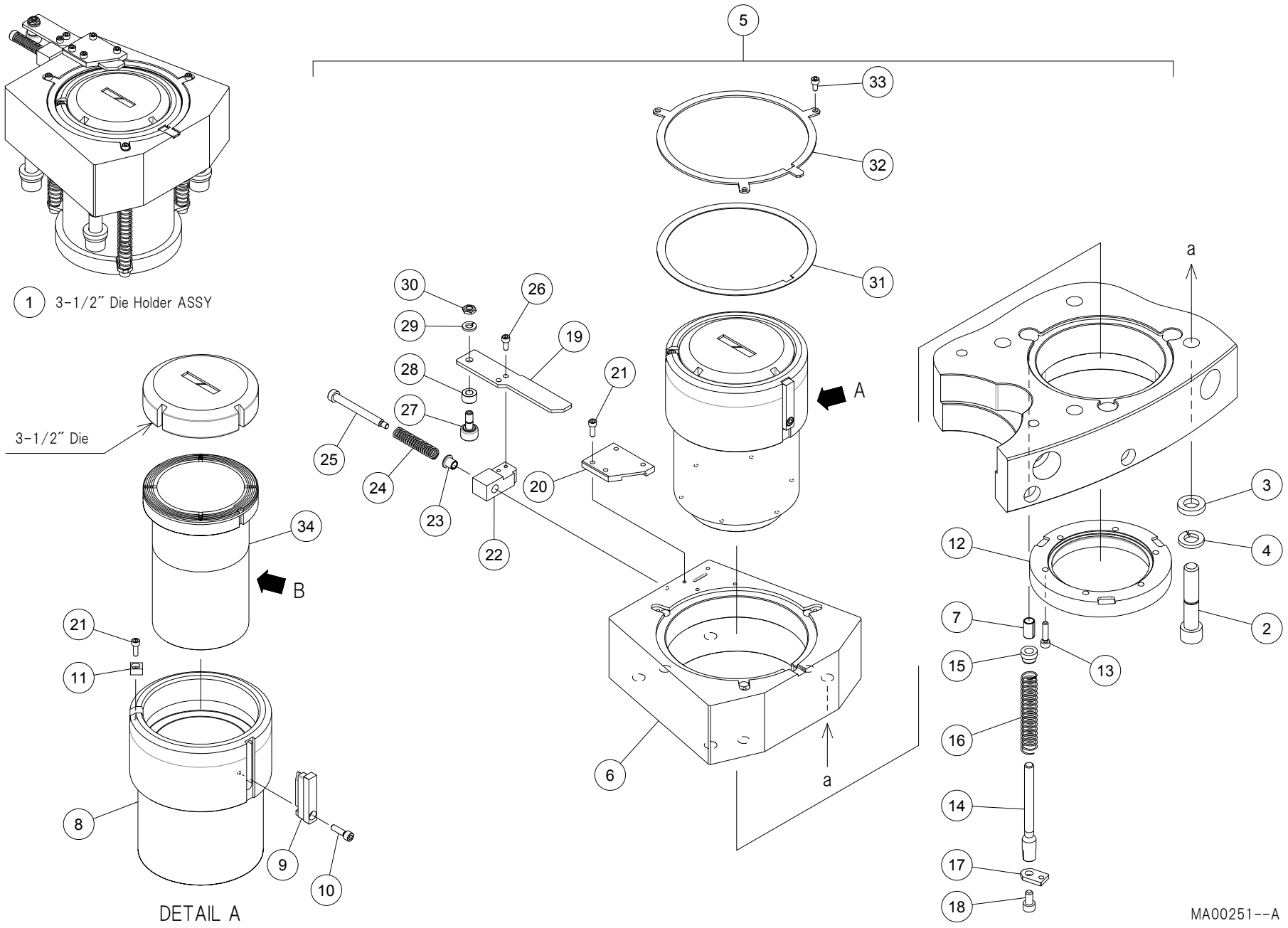
Unit No. 349 Turret AI(40ST-2AI)D-1/2"AI <2" Die Holder ASSY>

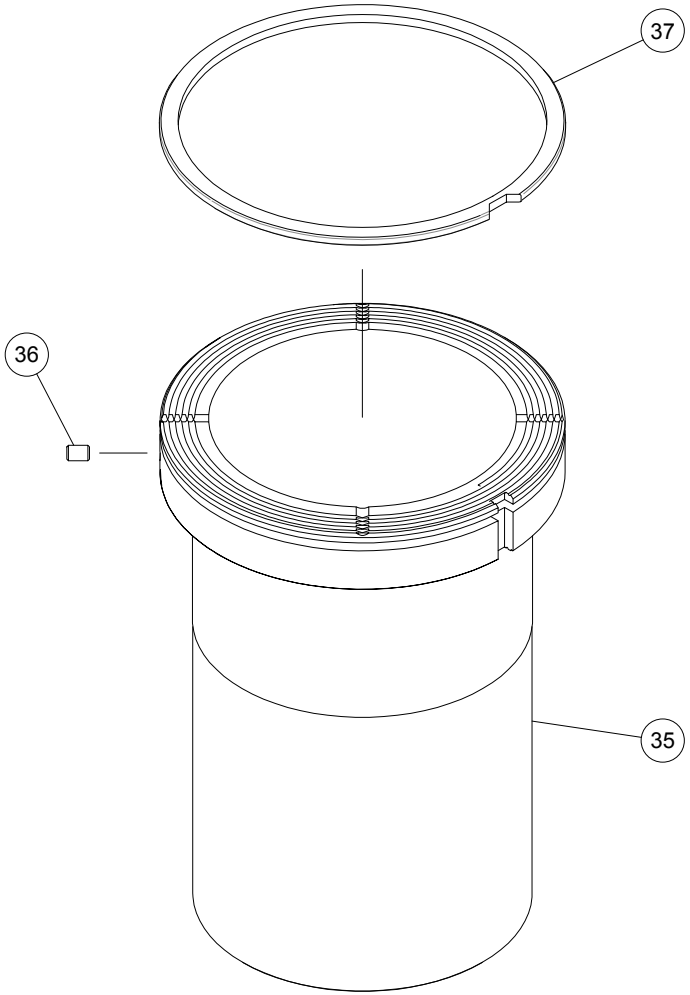
Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
13	74900368 MA00580---	Stopper Plate 2"		1
14	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	3
15	74900366 MA00578---	Return Spring 2"		1
16	74900344 MA00269---	Lifter Ring 2"		1
17	74183702 P330220016	Hex Socket Cap Screw	M6X50	6
18	74900352 MA00544---	Slide Stopper 2"		1
19	74900353 MA00545---	Slide Stopper Holder 2"		1
20	74900448 MA01285---	Guide Holder		1
21	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
22	74900347 MA00287---	Spring		1
23	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
24	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1

Unit No. 349 Turret AI(40ST-2AI)D-1/2"AI <2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900447 MA01284---	Color 3-1/2"		1
26	74183103 P336050006	Spring Washer JIS	8	1
27	74722743 P332000018	Nut JIS	M8(Thin)	1
28	74900345 MA00270---	Cover Seal 2"		1
29	74900406 MA00835---	Seal Cover 2"		1
30	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
31	74900466 MA02413---	Ejector Pipe Kit 2	Index 32-34	1
32	74900343 MA00268---	Ejector Pipe 2"		1
33	 7421419	Pin 1-1/4"		1
34	74900331 7831166---	Soft Wiper 2"	BHH-0088903F001	1

Unit No. 350 Turret AI(40ST-2AI)D-1/2"AI-1/2 <3-1/2" Die Holder ASSY>





DETAIL B

(34) Ejector Pipe Kit 3-1/2

MA02414---

Unit No. 350 Turret AI(40ST-2AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900746 MA00251--A	3-1/2" Die Holder ASSY	Index 2-37	1
2	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
3	74303705 6012794	Washer M16		4
4	74302902 P336050010	Spring Washer JIS	16	4
5	74900498 SPT0062---	Die Holder 3-1/2" ASSY	Index 6-37	1
6	74900336 MA00252--A	Die Holder 3-1/2"		1
7	74576234 P407002049	Bushing OILES Industry	70B-1020	3
8	74900337 MA00253--A	Lifter Pipe 3-1/2"		1
9	74900442 MA01276---	Die Key		1
10	74900645 P330220010	Hex Socket Cap Screw MOURI	M6X22	1
11	74900340 MA00264--A	Stopper Plate		1
12	74900339 MA00255--B	Lifter Pipe 3-1/2"		1

Unit No. 350 Turret AI(40ST-2AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
14	74900443 MA01278--A	Guide Shaft		3
15	74900444 MA01279--A	Spring Collar		3
16	74900446 MA01283---	Return Spring 3-1/2"		3
17	74900445 MA01280--A	Spring Block		3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	3
19	74900354 MA00546---	Slide Stopper 3-1/2"		1
20	74900355 MA00547---	Slide Stopper 3-1/2"		1
21	74314403 P330210006	Hex Socket Cap Screw	M5X15	5
22	74900448 MA01285---	Guide Holder		1
23	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
24	74900347 MA00287---	Spring		1

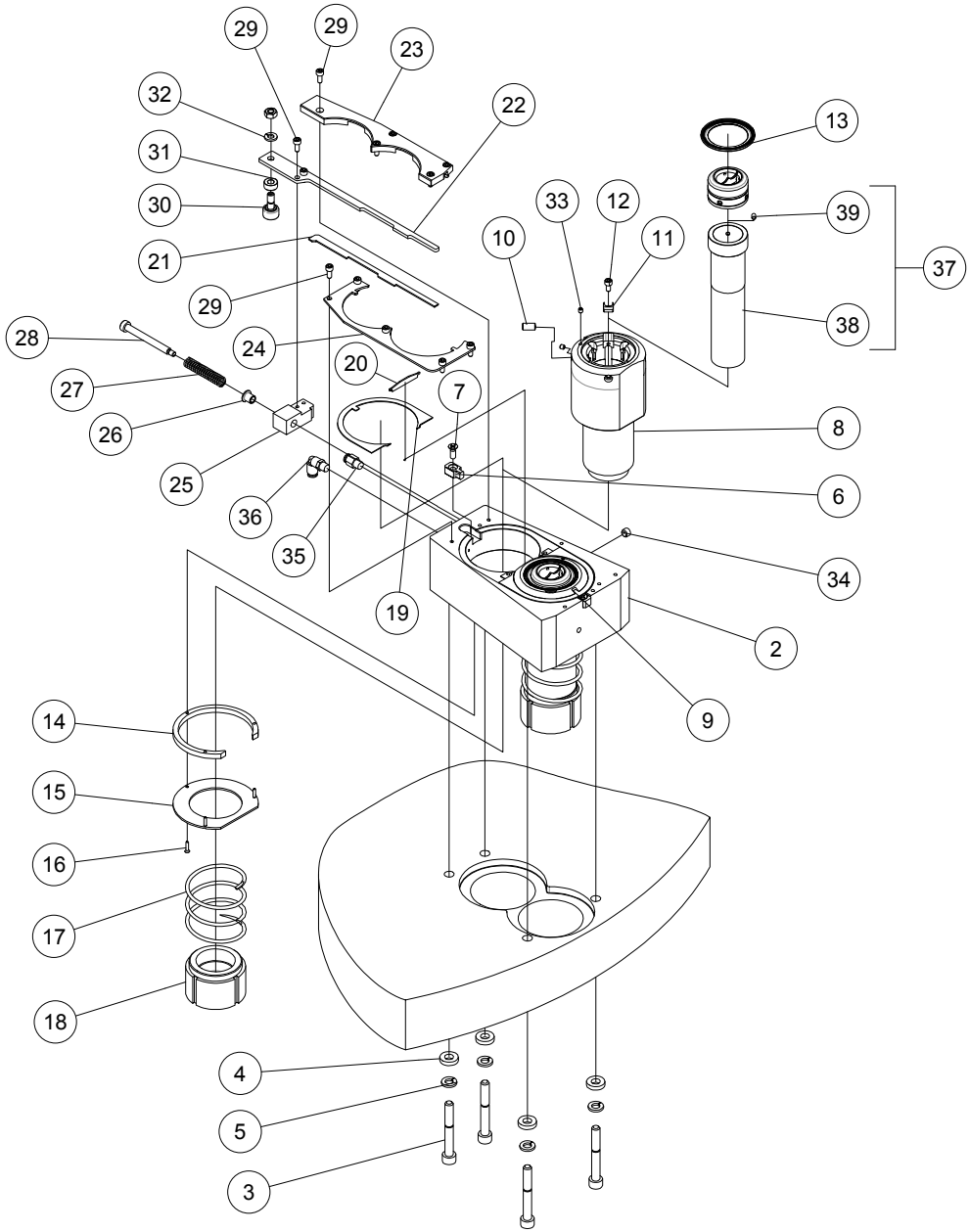
Unit No. 350 Turret AI(40ST-2AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
26	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	2
27	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
28	74900447 MA01284---	Color 3-1/2"		1
29	74183103 P336050006	Spring Washer JIS	8	1
30	74722743 P332000018	Nut JIS	M8(Thin)	1
31	74900346 MA00271--A	Cover Seal 3-1/2"		1
32	74900407 MA00836---	Seal Cover 3-1/2"		1
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
34	74900467 MA02414---	Ejector Pipe Kit 3-1/2	Index 35-37	1
35	74900338 MA00254---	Ejector Pipe 3-1/2"		1
36	 7421419	Pin 1-1/4"		1

Unit No. 350 Turret AI(40ST-2AI)D-1/2"AI <3-1/2" Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900332 7831167---	Soft Wiper SAKAGAMI	BHH-0125403F01	1

Unit No. 351 Turret AI(40ST-2AI)D-1/2"AI <Tap Die Holder ASSY>



1 Tap Die Holder ASSY

MA08301---

Unit No. 351 Turret AI(40ST-2AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08301---	Tap Die Holder ASSY	Index 2-39	2
2	74900387 MA00667--A	1-1/4" Tap Die Holder		1
3	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
4	74165309 0827013 B	Washer M10		4
5	74300519 P336050007	Spring Washer JIS	10	4
6	74165112 0488034 C	Die Key		2
7	74183320 P334110029	Flat Head Screw JIS	M6X16	2
8	74401933 MA08302---	Lifter Pipe Tap 1		1
9	74401934 MA08303---	Lifter Pipe Tap 2		1
10	74315024 P338182011	Ball Plunger JEC	BP-8-H	6
11	74900459 MA02406--B	Stopper Block		2
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 351 Turret AI(40ST-2AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		2
14	74900371 MA00593---	Color 1-1/4"		2
15	74900370 MA00592--A	Stopper Plate 1-1/4"		2
16	74900651 P334520066	Flat Head Bolt	M3X14(Trivalent Chromate Black)	6
17	74900437 MA01269---	Return Spring 1-1/4"		2
18	74900438 MA01270---	Lifter Pipe 1-1/4"		2
19	74900439 MA01271--B	Cover Seal A 1-1/4"		2
20	74900440 MA01272---	Cover Seal B 1-1/4"		1
21	74900436 MA01268--A	Support Plate 1-1/4"		1
22	74900441 MA01273---	Slide Stopper 1-1/4"		1
23	74900385 MA00665--A	Tap Slide Stopper Holder (Tapping)		1
24	74900386 MA00666---	Seal Cover (Tapping)		1

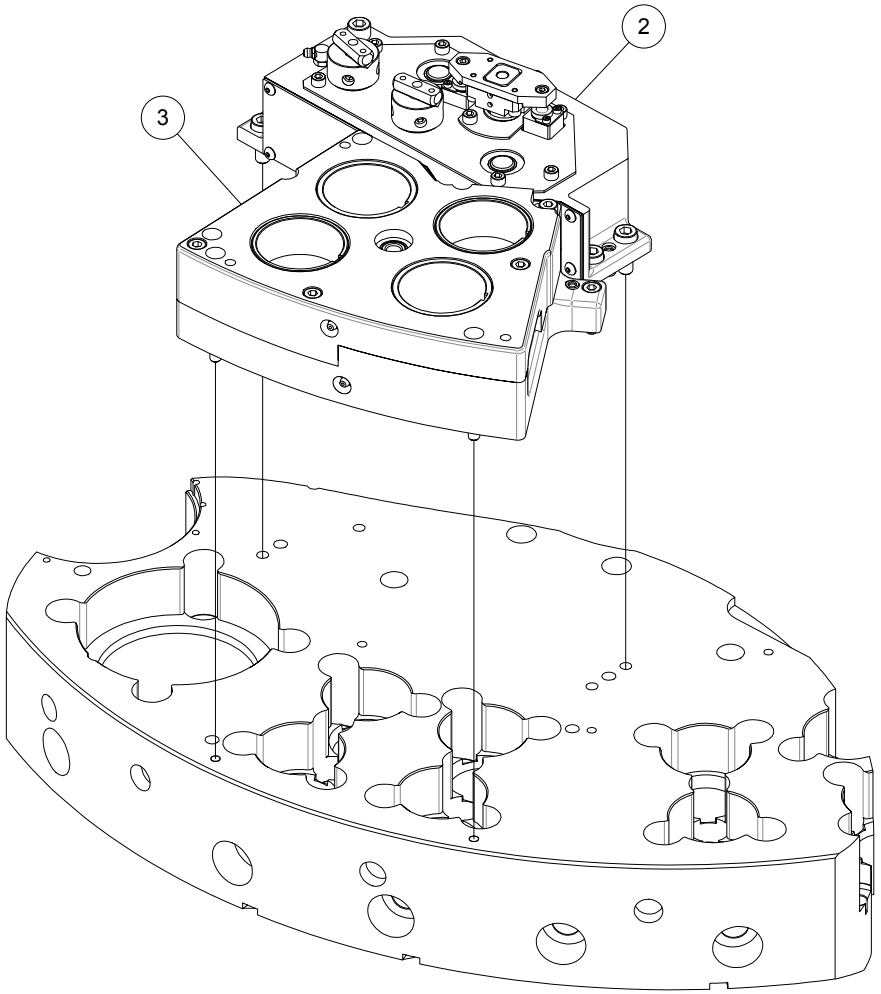
Unit No. 351 Turret AI(40ST-2AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
25	74900448 MA01285---	Guide Holder		1
26	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
27	74900347 MA00287---	Spring		1
28	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
29	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
30	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
31	74900348 MA00288---	Collar		1
32	74183103 P336050006	Spring Washer JIS	8	1
33	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	4
34	74777005 P580208022	Plug for Piping	PT-1/8	1
35	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
36	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1

Unit No. 351 Turret AI(40ST-2AI)D-1/2"AI <Tap Die Holder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900465 MA02412---	Ejector Pipe Kit 1-1/4	 Index 3839	2
38	74900435 MA01267---	1-1/4 Ejector Pipe		1
39	 7421419	Pin 1-1/4"		1

Unit No. 352 Turret AI(40ST-2AI)D-1/2"AI <Built in Tap ASSY>

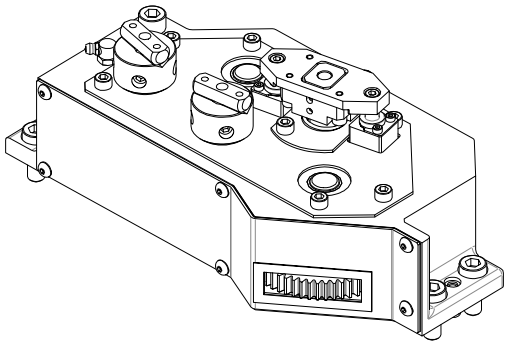


(1) Built in Tap ASSY

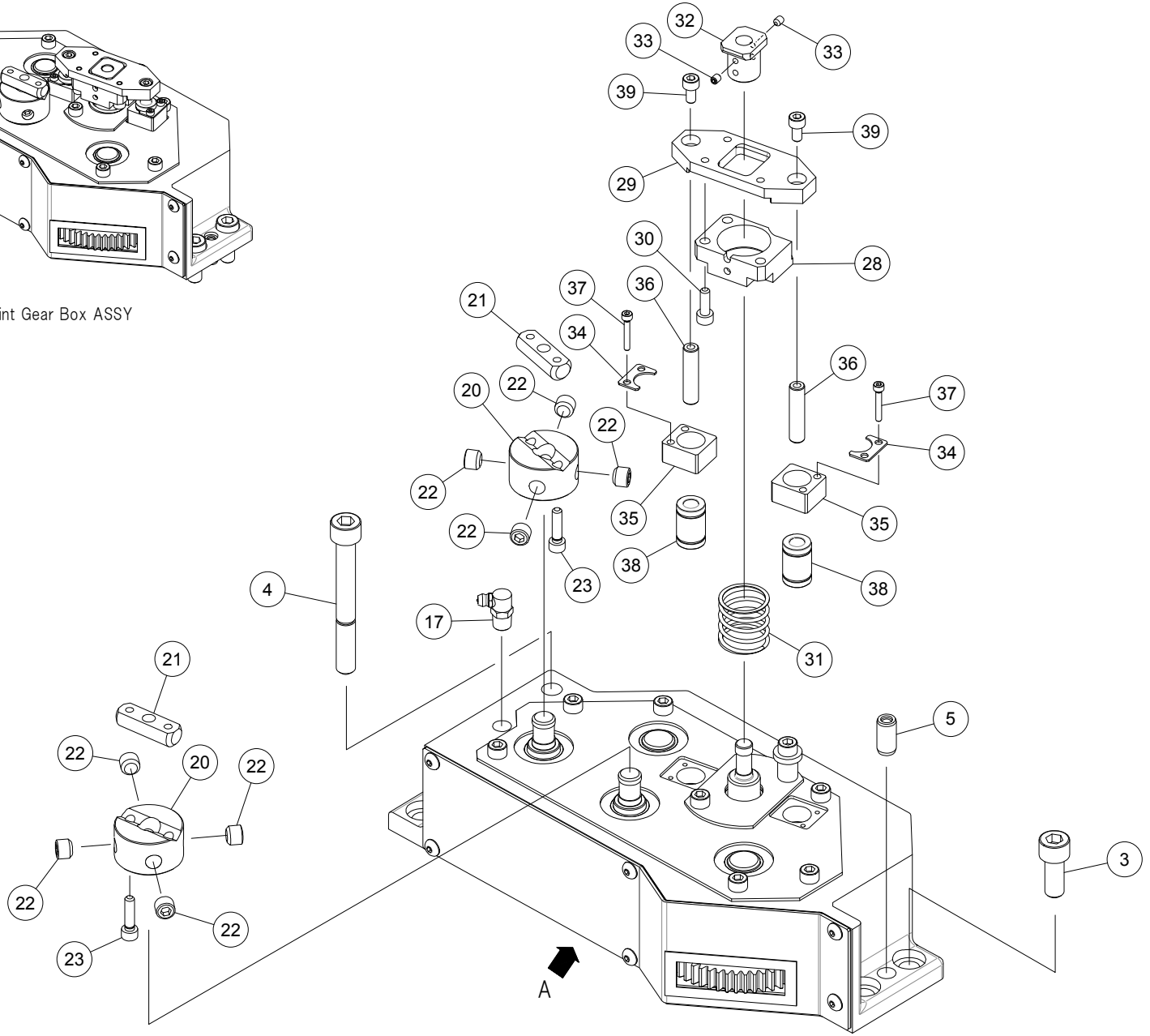
MA00867---
(MA00855---)
(3804910--B)

Unit No. 352 Turret AI(40ST-2AI)D-1/2"AI <Built in Tap ASSY>

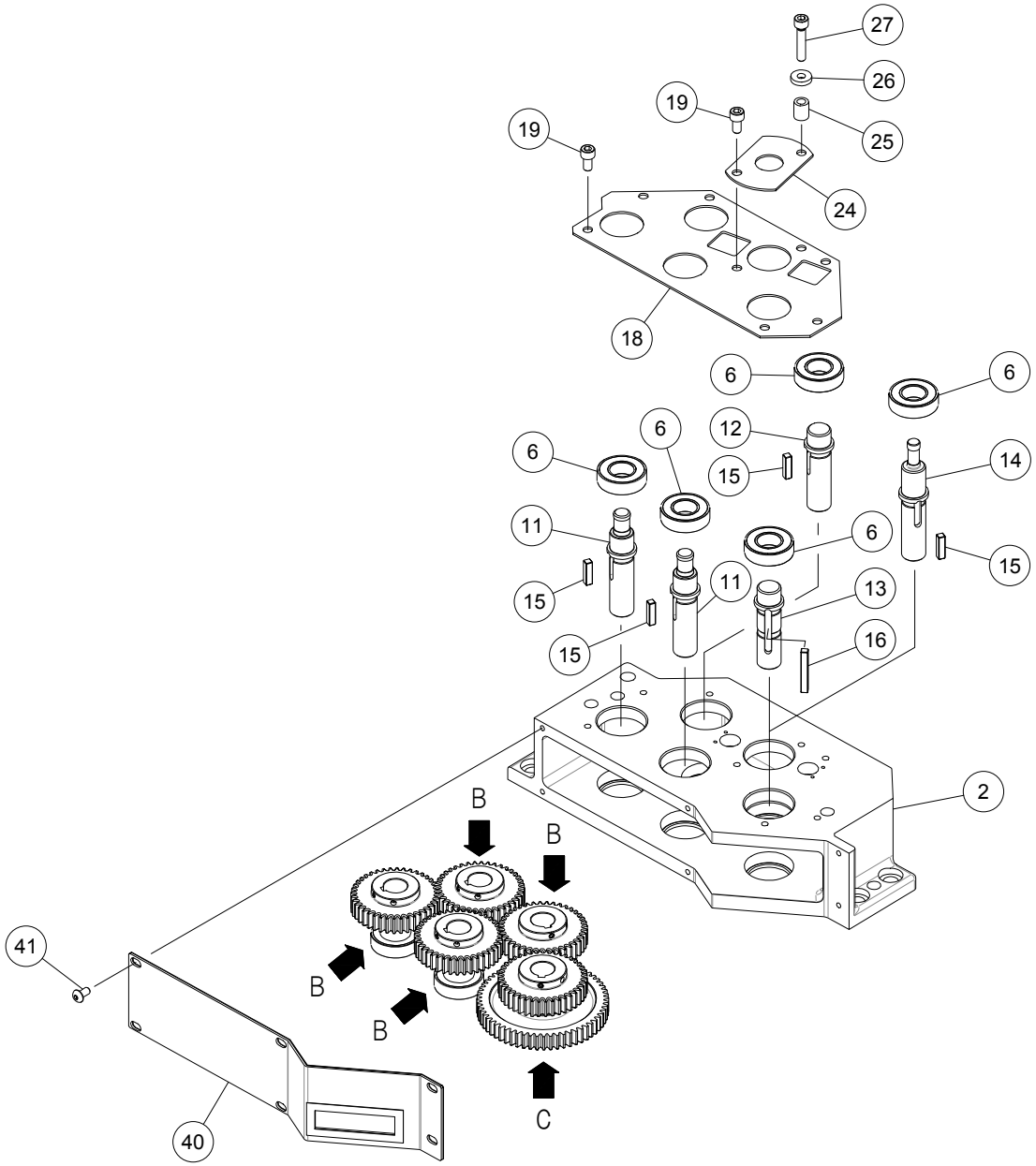
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00867---	Built in Tap ASSY	Index 23	1
2	74900418 MA00855---	Point Gear Box ASSY		1
3	74900319 3804910--B	Tool Gear Box ASSY		1



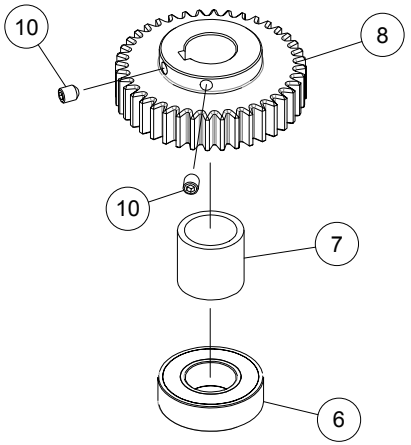
1 Point Gear Box ASSY



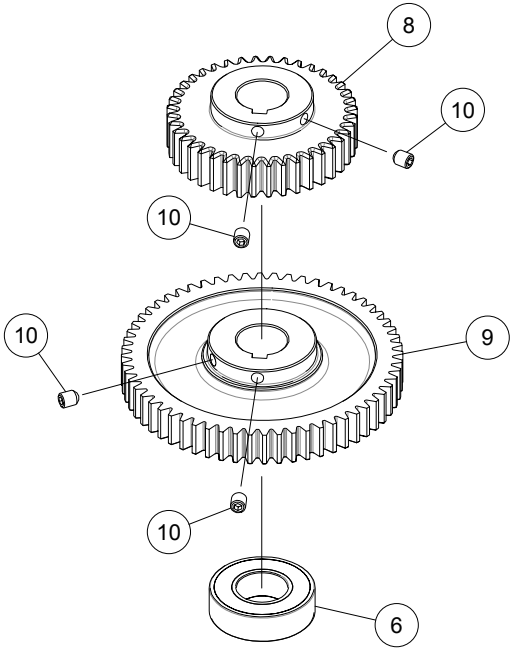
MA00855---



DETAIL A



DETAIL B



DETAIL C

MA00855---

Unit No. 353 Turret AI(40ST-2AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900418 MA00855---	Point Gear Box ASSY	Index 2-41	1
2	74900416 MA00851--A	Point Gear Box		1
3	74183636 P330240007	Hex Socket Cap Screw	M10X25	3
4	74900646 P330240019	Hex Socket Cap Screw MOURI	M10X85	1
5	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	2
6	74381349 P400010729	Deep Groove Ball Bearing NSK(equality)	6003ZZ	10
7	74900469 MA02429---	Shaft Collar		4
8	74900411 MA00845---	Drive Gear		5
9	74900412 MA00846---	Driven Gear		1
10	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	12
11	74900413 MA00847---	Drive Gear Shaft		2
12	74900414 MA00848---	Driven Gear Shaft 1		1

Unit No. 353 Turret AI(40ST-2AI)D-1/2"AI <Point Gear Box ASSY>

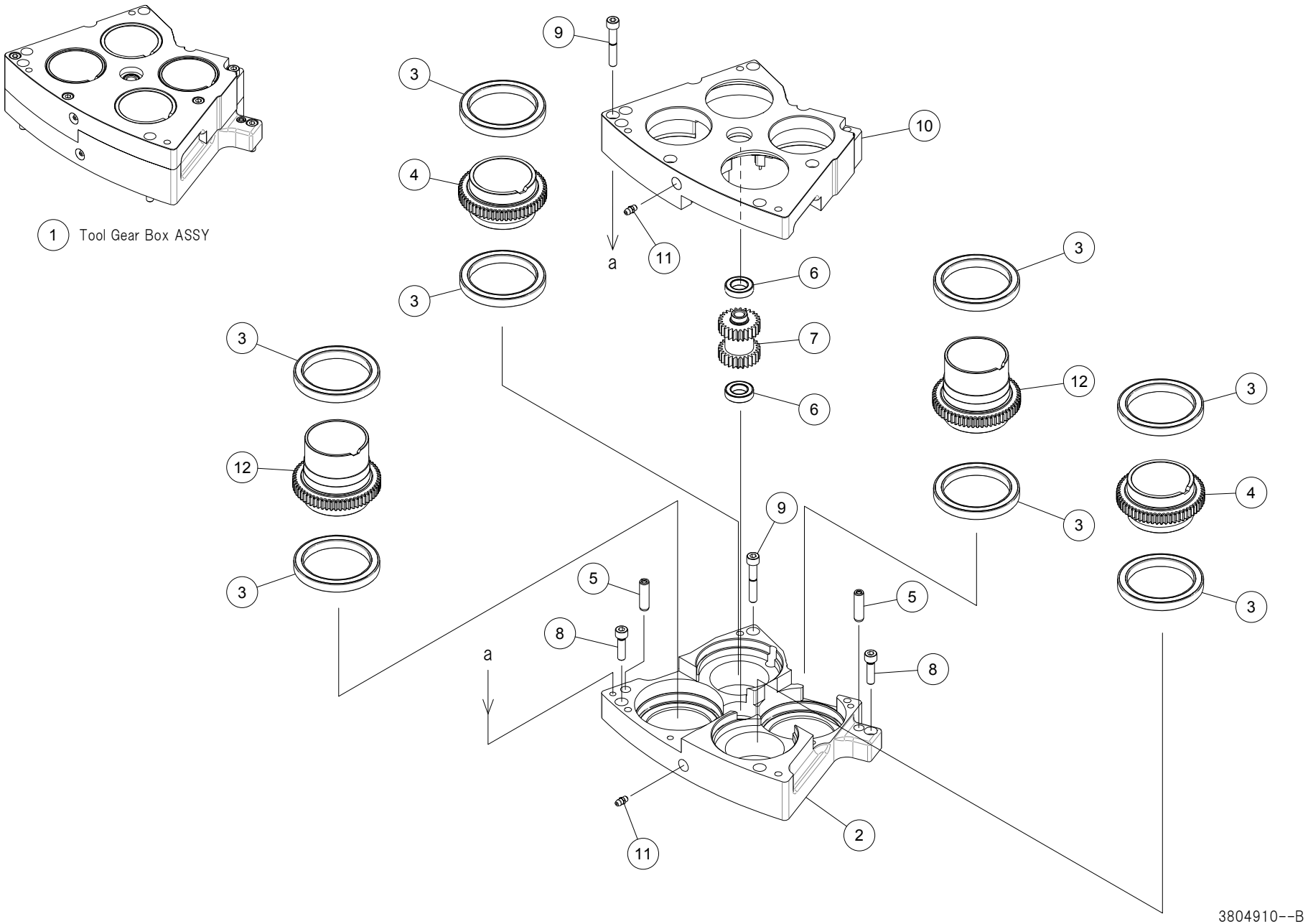
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900415 MA00849---	Driven Gear Shaft 2		1
14	74900489 MA03337---	Brake Shaft		1
15	74313508 P436000012	Parallel Key JIS	5X5X19	4
16	74900662 P436000345	Parallel Key JIS	5X5X35	1
17	74173415 P560600007	Grease Nipple KURITA	C-PT1/8	1
18	74900478 MA02544---	Top Cover		1
19	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	7
20	74900409 MA00843---	Pin Retainer		2
21	74741173 3804897	Driven Pin		2
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	8
23	74314404 P330210009	Hex Socket Cap Screw	M5X20	4
24	74900479 MA02545---	Spring Base Plate		1

Unit No. 353 Turret AI(40ST-2AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900408 MA00842---	Collar		1
26	74732449 0821819 A	Washer M6		1
27	74183614 P330220012	Hex Socket Cap Screw	M6X30	1
28	74900481 MA02549--A	Brake Head Holder B		1
29	74900488 MA03336---	Brake Head Holder A		1
30	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
31	74900403 MA00716---	Coil Spring		1
32	74900487 MA03335---	Brake Head		1
33	74900650 P330590006	Socket Set Screw JIS	M4X5(Dimple Type)	4
34	74900477 MA02543---	Stopper		2
35	74900476 MA02542---	Bush Holder		2
36	74900664 P446207178	Guide Bar MISUMI	SFJC8-34-5-2	2

Unit No. 353 Turret AI(40ST-2AI)D-1/2"AI <Point Gear Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74560391 P330200009	Hex Socket Cap Screw	M3X20	4
38	74900663 P446002014	LM Guide THK	LM8UU	2
39	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
40	74900410 MA00844---	Seal Cover		1
41	74183301 P334500009	Button Head Screw	M5X10	6

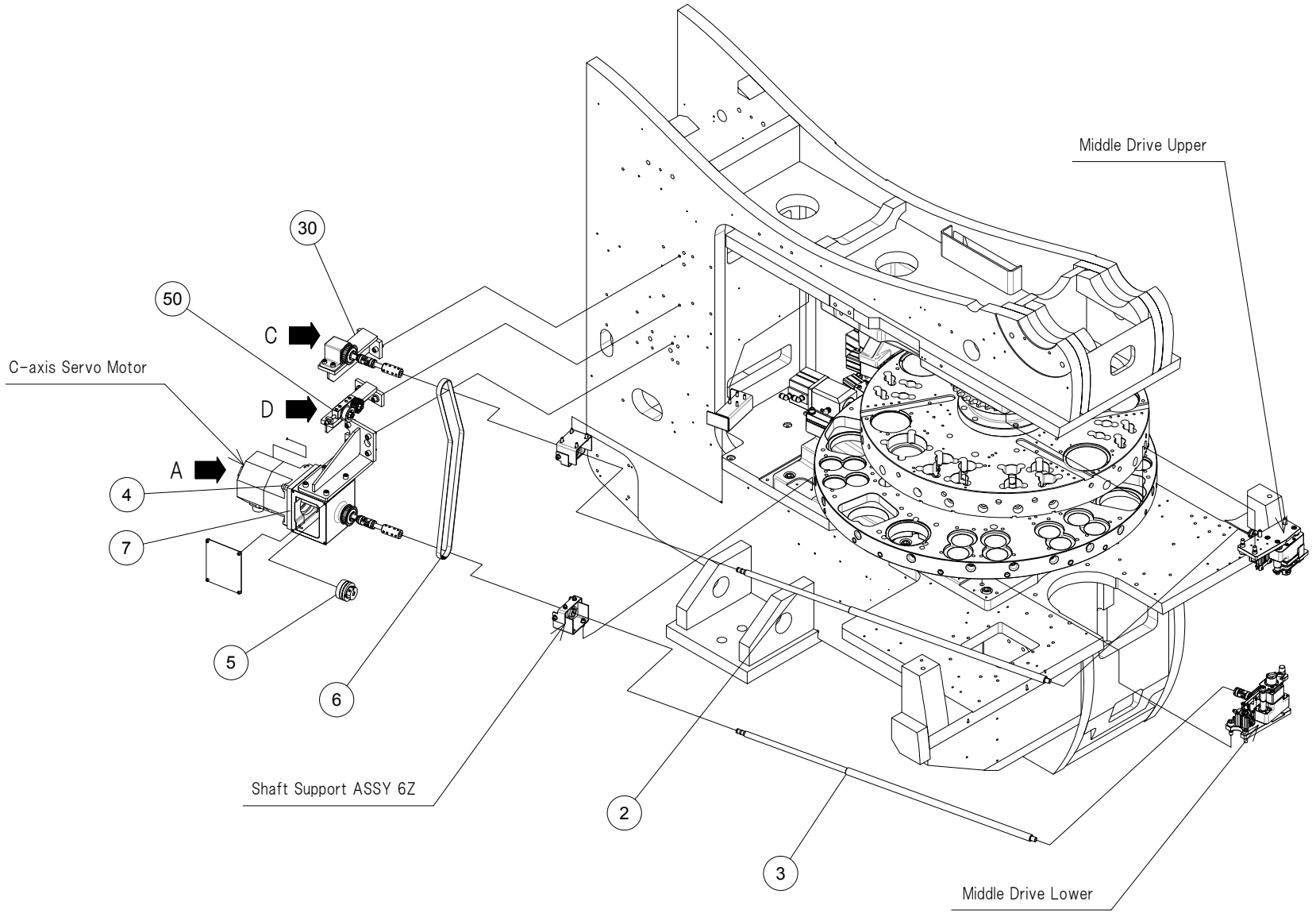

1 Tool Gear Box ASSY
9
3
10
4
11
a
6
3
7
3
12
6
3
12
3
4
3
3
9
5
5
8
8
a
11
2
3804910--B

Unit No. 354 Turret AI(40ST-2AI)D-1/2"AI <Tool Gear Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74900319 3804910--B	Tool Gear Box ASSY	Index 2-13	1
2	74775922 3804912 B	Bottom Tool Gear Box		1
3	74741189 P400017097	Deep Groove Ball Bearing NSK	6814ZZ	8
4	74775924 3804915--B	Tool Gear		2
5	74775927 P337050041	Parallel Pin Ohkita	10X35(Inner Screw)M6	2
6	74775928 P400010690	Deep Groove Ball Bearing NSK(equality)	6903ZZ	2
7	74775925 3804916 C	Idler Gear		1
8	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
9	74183630 P330230012	Hex Socket Cap Screw	M8X50	6
10	74900320 3804914--C	Upper Tool Gear Box		1
11	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
12	74775926 3804917--B	Tool Gear 2		2

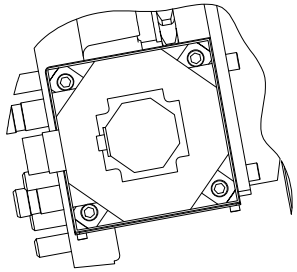
Unit No. 354 Turret AI(40ST-2AI)D-1/2"AI <Tool Gear Box ASSY>

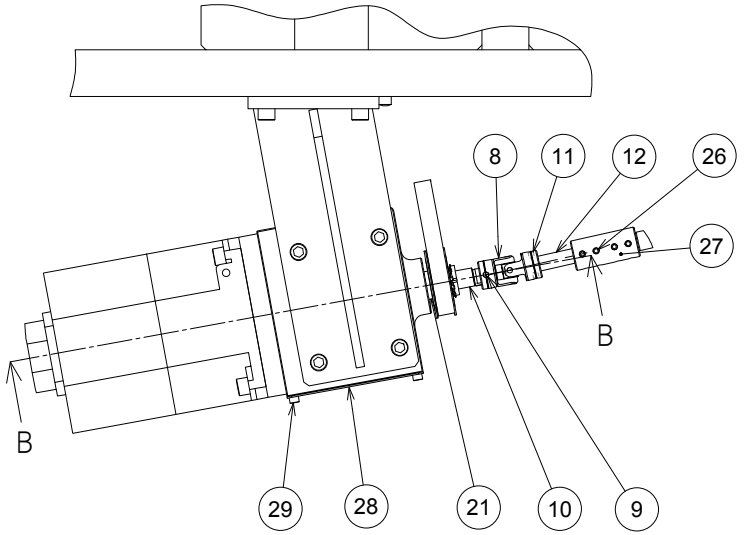
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74305507	Socket Set Screw	M6X30(Flat Type)	4
	P330550033	JIS	List Only	

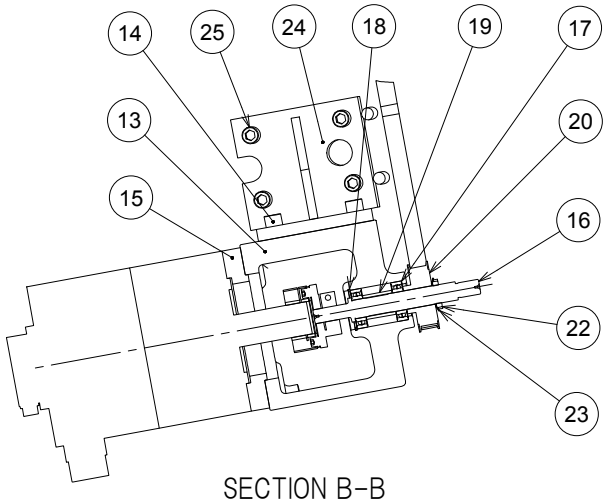


(1) AI Driving ASSY

CE01745---
(MA00868#1-)





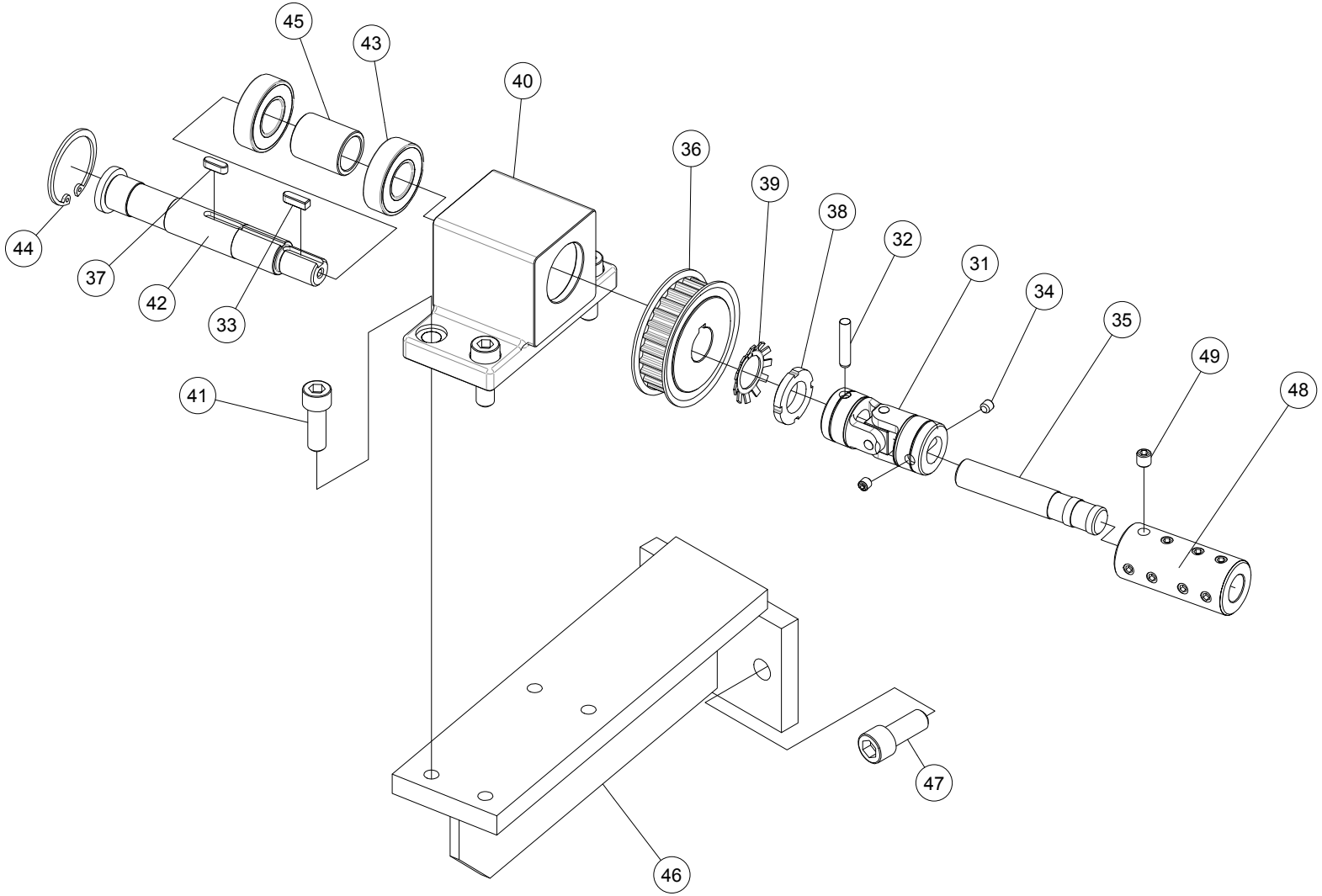


SECTION B-B

DETAIL A

(7) C-axis Motor Bracket ASSY

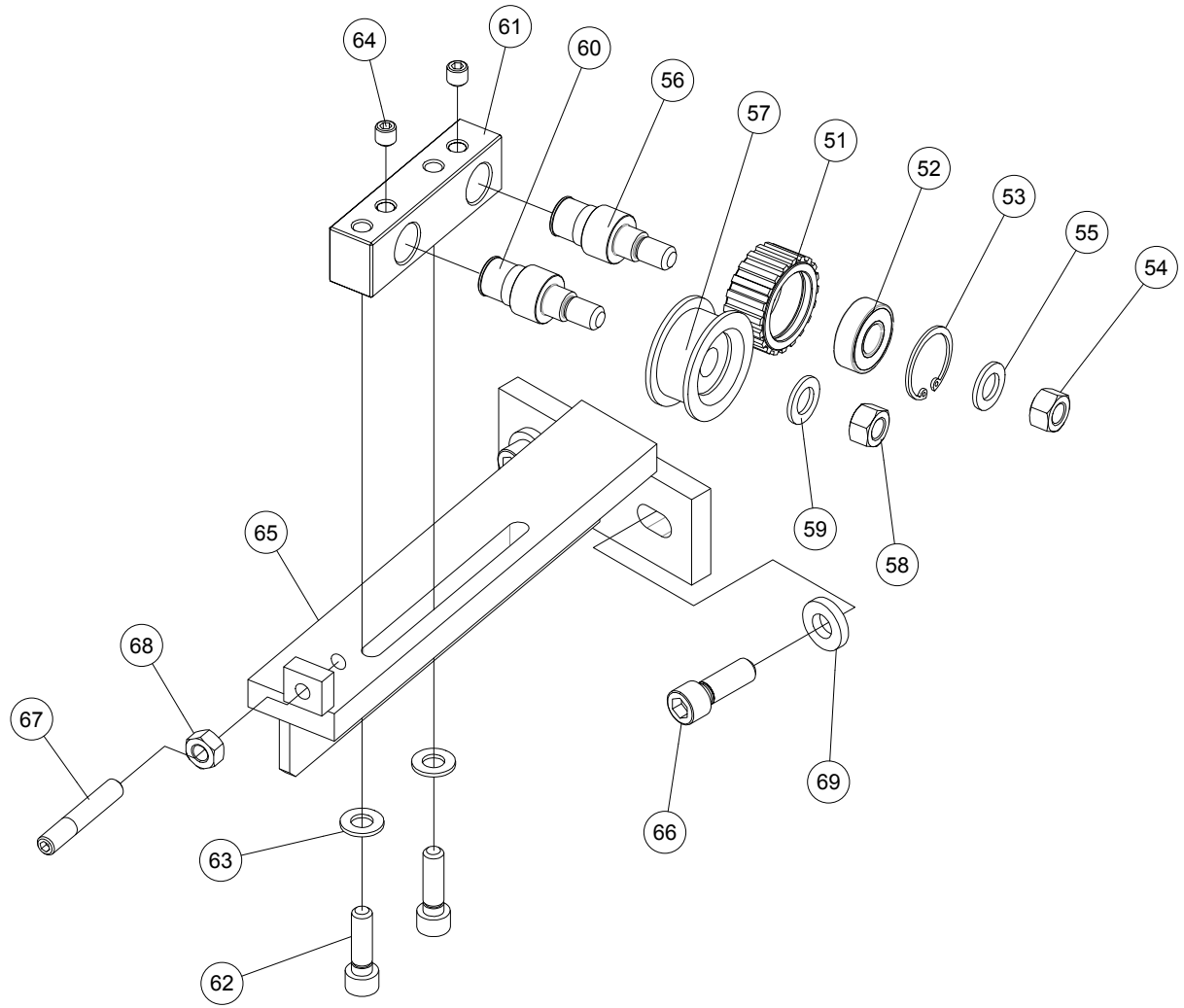
CE01746---
(MA00868#2-)



DETAIL C

(30) C-axis Pulley Bracket ASSY

6879096--A
(MA00868#1-)



DETAIL D

(50) C-axis Idler Bracket ASSY

CE01748---
(MA00868#1-)

Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01745---	AI Driving ASSY	Index 2-69	1
2	74570090 6813156	Center Shaft H	D25	1
3	74570091 6813157	Center Shaft L	D25	1
4	74304914 P330250010	Hex Socket Cap Screw	M12X55	4
5	74900661 P432176025	Coupling Miki Pulley	SFC-060SA2-15B-35B	1
6	74900643 P225143021	Synchronous Belt BANDO Chemical	150S8M1600	1
7	CE01746---	C-axis Motor Bracket ASSY	Index 8-29	1
8	74322357 7830034	Universal Joint KYOWA		1
9	74379608 P337020036	Parallel Pin JIS	A-6X30	1
10	74571414 6811101 A	Parallel Key 5X5X16		1
11	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
12	74382604 6501894 A	Connecting Shaft		1

Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900323 6813158	Motor Bracket		1
14	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
15	74900473 MA02531---	Motor Collar		1
16	74903477 6575813--A	Drive Shaft		1
17	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
18	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
19	74722450 6575804	Collar		1
20	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1
21	74575623 6811100 A	Parallel Key 5X5X15		1
22	74183502 P406030003	Lock Nut JIS	AN-04	1
23	74183512 P406040003	Locking Washer JIS	AW-04	1
24	74401935 CE01747---	Motor Base		1

Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
26	74322017 6501831	Connecting Block		1
27	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
28	74570093 6813159	Cover		1
29	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
30	 6879096--A	C-axis Pulley Bracket ASSY	 Index 31-49	1
31	74322357 7830034	Universal Joint KYOWA		1
32	74379608 P337020036	Parallel Pin JIS	A-6X30	1
33	74571414 6811101 A	Parallel Key 5X5X16		1
34	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	2
35	74382604 6501894 A	Connecting Shaft		1
36	74566020 7830661	Pulley BANDO Chemical	26S8M0150BF	1

Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

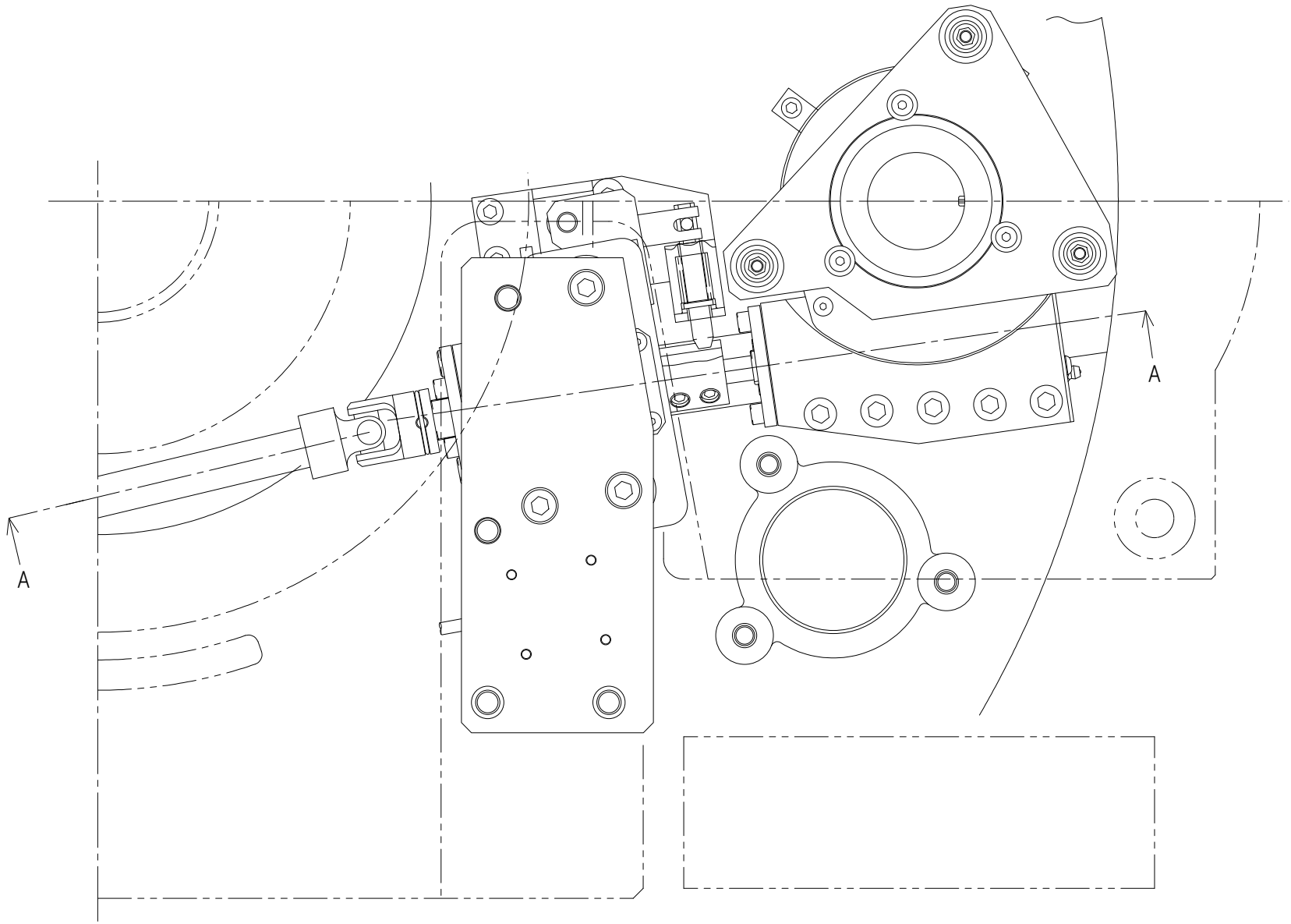
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74575623 6811100 A	Parallel Key 5X5X15		1
38	74183502 P406030003	Lock Nut JIS	AN-04	1
39	74183512 P406040003	Locking Washer JIS	AW-04	1
40	74382619 6575806 A	Bearing Holder		1
41	74183638 P330240008	Hex Socket Cap Screw	M10X30	4
42	74382624 6575814	Belt Shaft Lower		1
43	74776930 P400010753	Deep Groove Ball Bearing NSK(equality)	6004ZZ	2
44	74776935 P406108014	Locating Snap Ring OCHIAI	RTW-42	1
45	74722450 6575804	Collar		1
46	74401936 6879099--A	Driven Pulley Bracket		1
47	74183656 P330250005	Hex Socket Cap Screw	M12X30	2
48	74322017 6501831	Connecting Block		1

Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74722741 P330603010	Socket Set Screw SPS/UNBRAKO	M8X8(Knurled Cup Point)	8
50	 CE01748---	C-axis Idler Bracket ASSY	 Index 51-69	1
51	74382625 6575816	Idler Pulley	20S8M0150A	1
52	74575625 P400010705	Deep Groove Ball Bearing NSK(equality)	6202ZZ	1
53	74379580 P406108011	Locating Snap Ring OCHIAI	RTW-35	1
54	74776798 P332000007	Nut JIS	M12	1
55	74183031 P336000008	Washer JIS	12(Normal)	1
56	74382623 6575812	Idler Pin		1
57	74382614 P409238012	Idler IMAO Mfg	FIP2045	1
58	74776798 P332000007	Nut JIS	M12	1
59	74183031 P336000008	Washer JIS	12(Normal)	1
60	74382623 6575812	Idler Pin		1

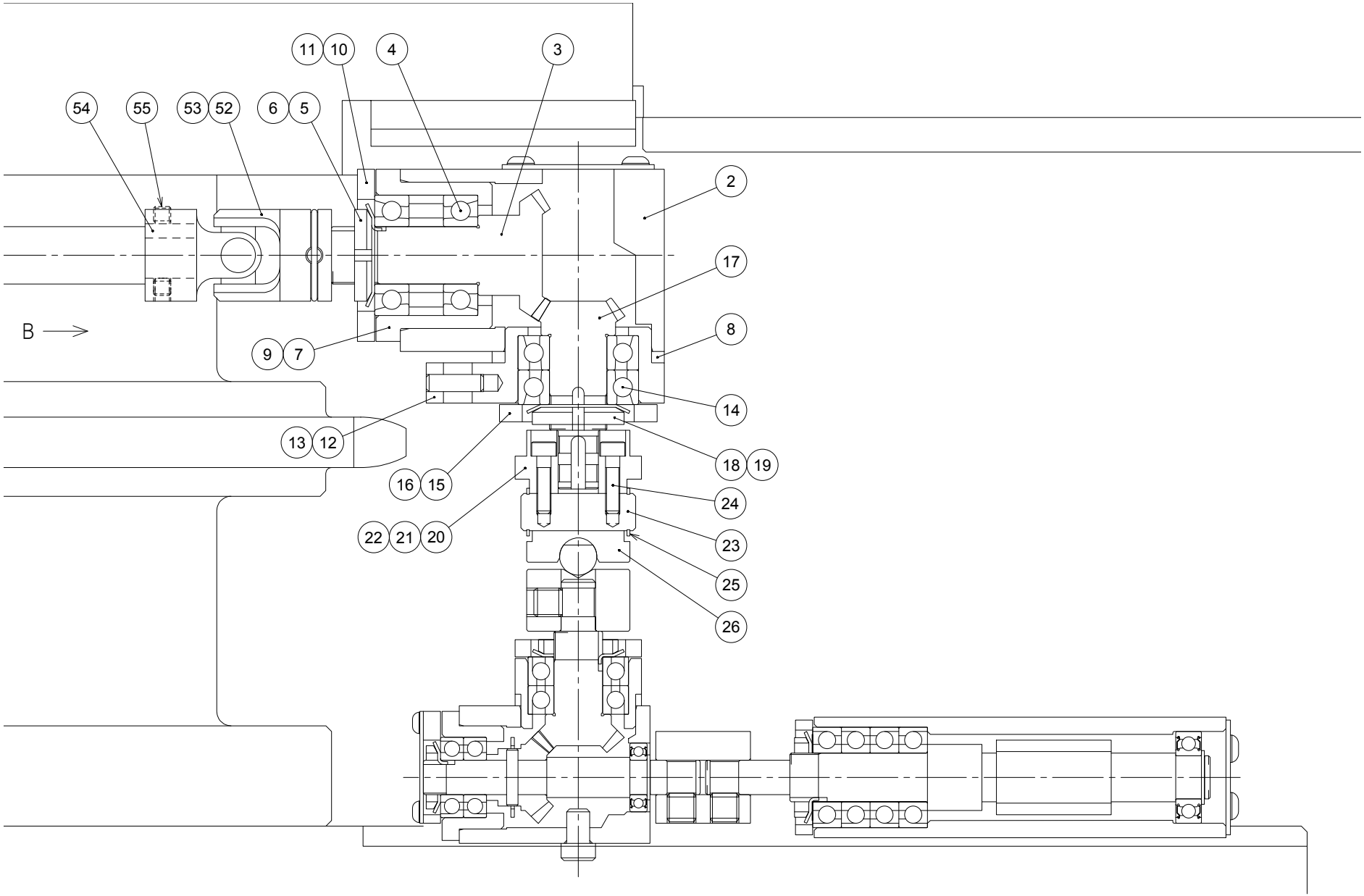
Unit No. 355 Turret AI(40ST-2AI)D-1/2"AI <AI Driving ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74570096 6813162	Idler Base	F32X25	1
62	74183640 P330240009	Hex Socket Cap Screw	M10X35	2
63	74183029 P336000007	Washer JIS	10(Normal)	2
64	74301604 P330590035	Socket Set Screw JIS	M10X10(Cup Point)	2
65	74401937 CE01749---	Idler Bracket		1
66	74183657 P330250006	Hex Socket Cap Screw	M12X35	2
67	74305519 P330550057	Socket Set Screw JIS	M10X45(Flat Point)	1
68	74776797 P332000006	Nut JIS	M10	1
69	74165310 0827014 B	Washer M12		2



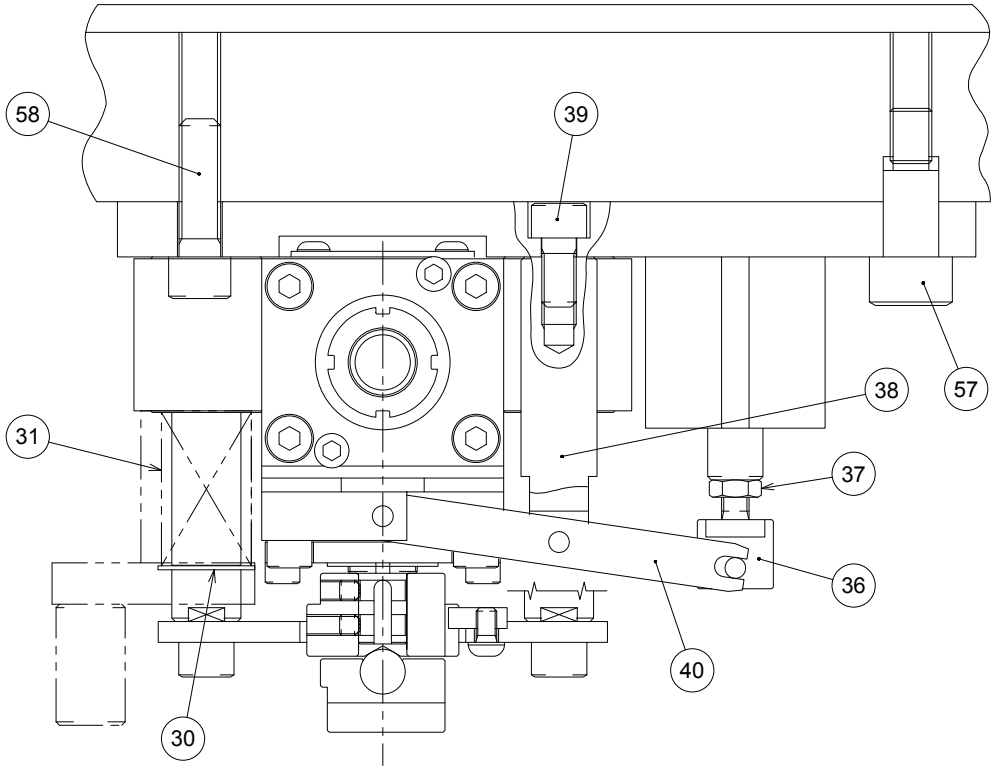
(1) Middle Driving Upper ASSY

MA03077---
(6875435 B)

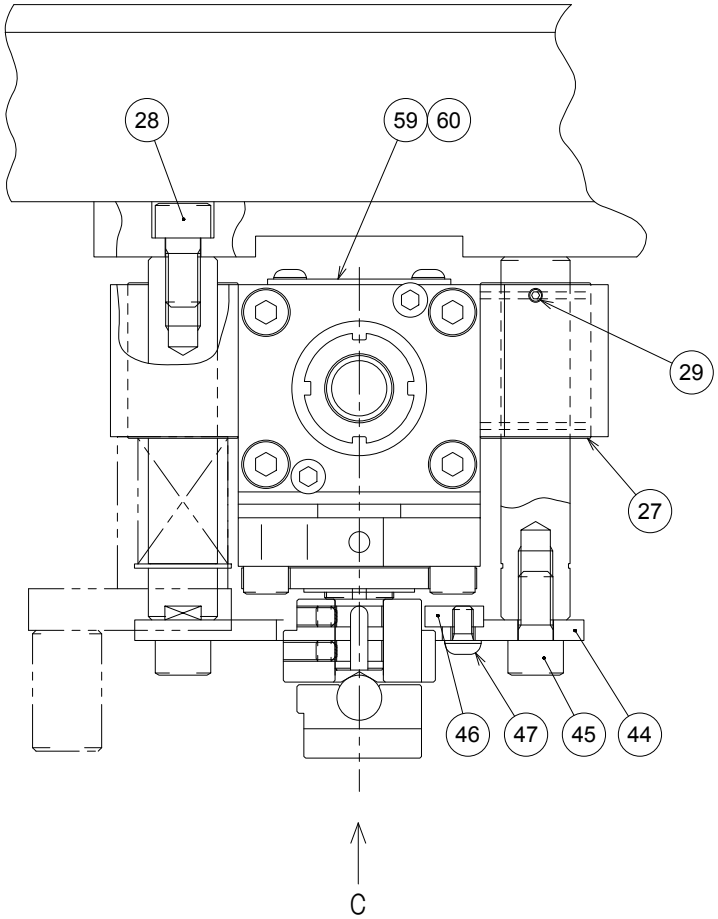


SECTION A-A

MA03077---
(6875435 B)

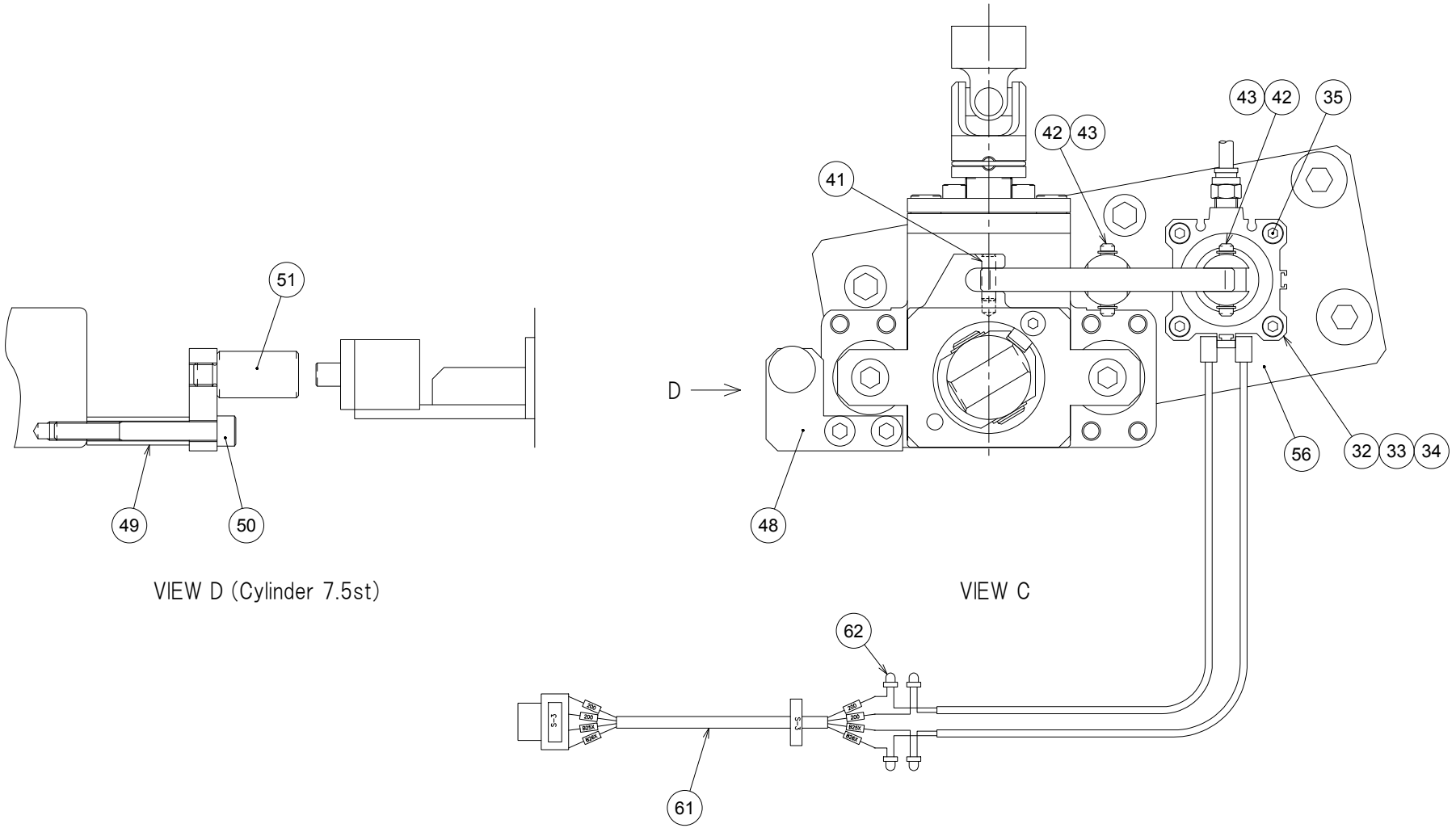


Cylinder 7.5st



VIEW B

MA03077---
(6875435 B)



MA03077---
(6875435 B)

Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900486 MA03077---	Middle Driving ASSY Upper	Index 2-62	1
2	74416391 6813135 D	Gear Box		1
3	74382635 6575823	Drive Bevel Gear		1
4	74565993 7830606	Ball Bearing Set NSK	EPBA20-13DB+KL12	1
5	74183502 P406030003	Lock Nut JIS	AN-04	1
6	74183512 P406040003	Locking Washer JIS	AW-04	1
7	74570104 6813136 A	Unit Case		1
8	74384527 6502897 B	Gear Adjusting Collar		2
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 6813137	Bearing Retainer A		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74570106 6813139 A	Point Case Upper		1

Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
14	74565995 7830605	Ball Bearing Set NSK	EPBA20-13DBCP10	1
15	74568287 6575827 B	Bearing Retainer B		1
16	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
17	74384534 6570283 A	Center Bevel Gear U		1
18	74183502 P406030003	Lock Nut JIS	AN-04	1
19	74183512 P406040003	Locking Washer JIS	AW-04	1
20	74570107 7401691 A	Point U		1
21	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
22	74571414 6811101 A	Parallel Key 5X5X16		1
23	74350701 0812100	Pin		1
24	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
26	74379584 6501943 B	Clamp Shaft		1
27	74570110 7830688	Stroke Bushing NIPPON BEARING	SR20B/SN20X105	2
28	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
29	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
30	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	2
31	74322009 6045724	UP Spring		2
32	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3334	1
33	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
34	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m)	1
35	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
36	74570112 6813142	Knuckle Joint		1

Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74722743 P332000018	Nut JIS	M8(Thin)	1
38	74570113 6813143	Stand		1
39	74183635 P330240006	Hex Socket Cap Screw	M10X20	1
40	74570114 6813145	Clamp Lever		1
41	74314719 P337020034	Parallel Pin JIS	A-6X20	1
42	74570115 6813144	A/I Cylinder Pin		2
43	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
44	74570116 6813146	Point Plate		1
45	74183635 P330240006	Hex Socket Cap Screw	M10X20	2
46	74322335 6502905	Key		1
47	74183302 P334500013	Button Head Screw	M6X10	1
48	74570117 6813151	Push Rod Arm H		1

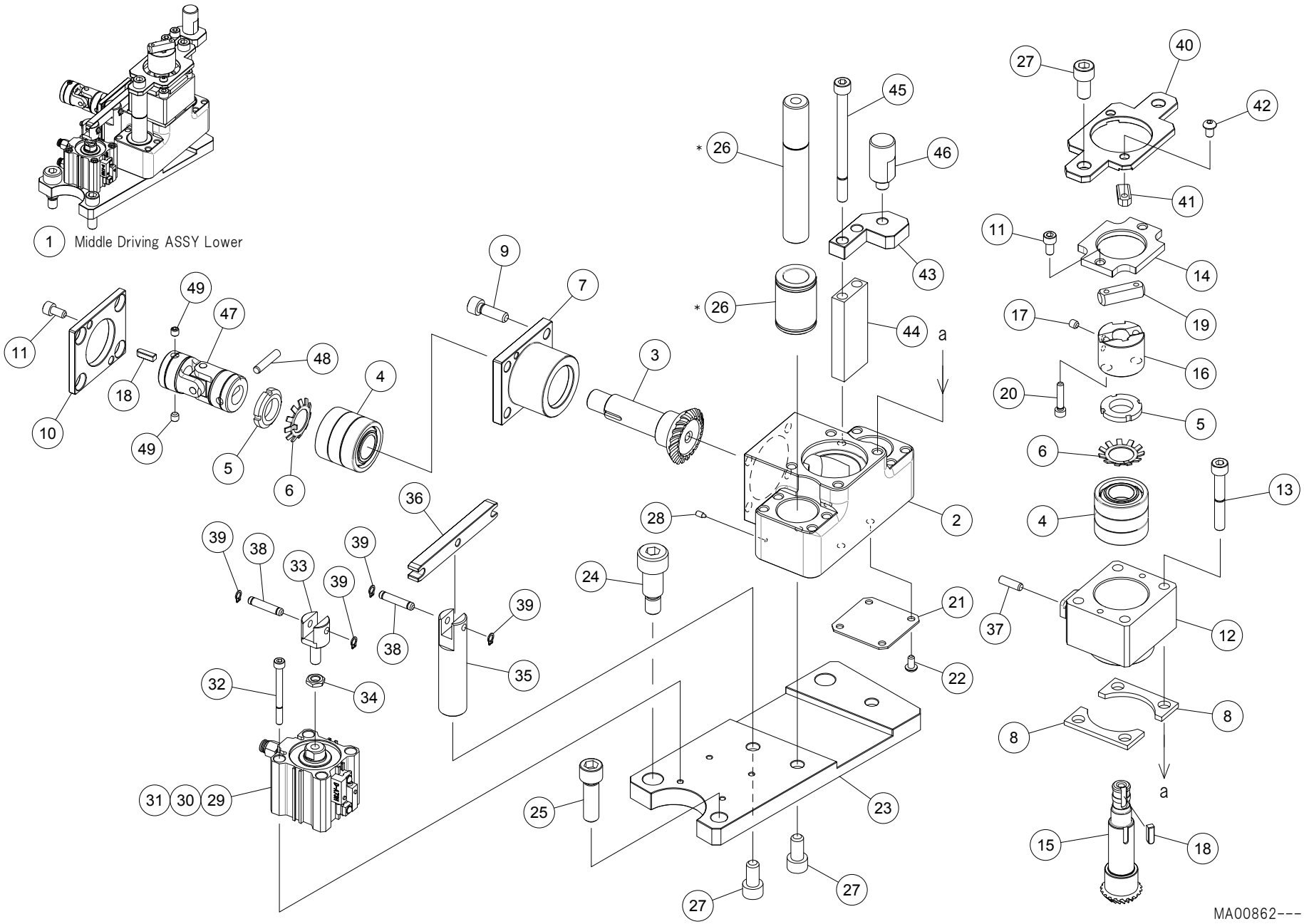
Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

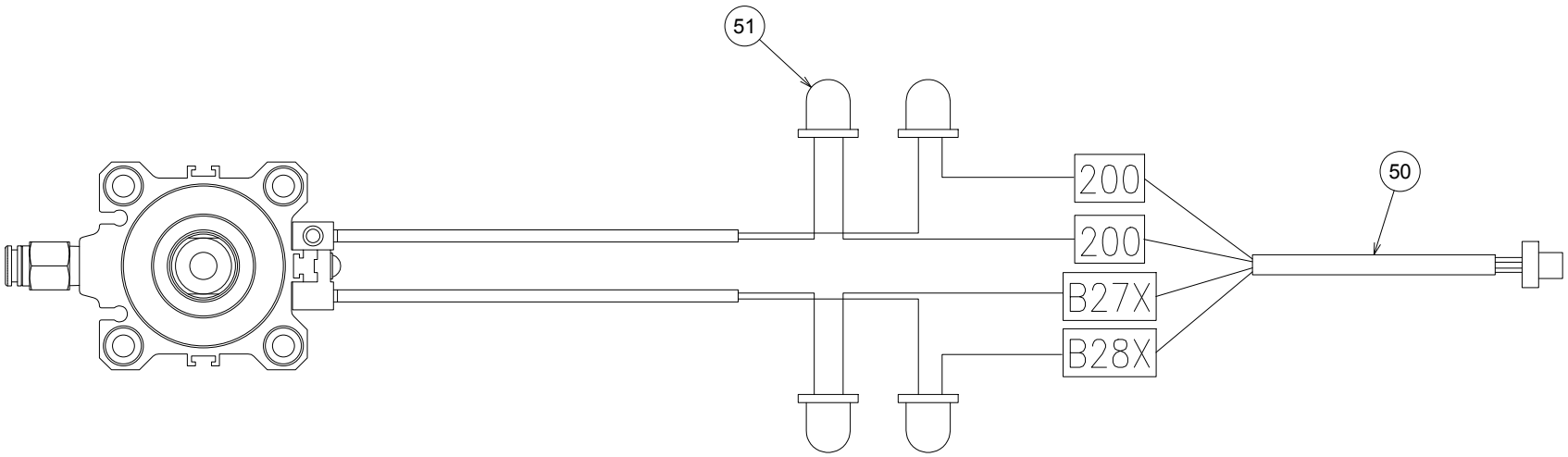
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570118 6813150	Spacer H		1
50	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
51	74386766 6593236	B Rod L1		1
52	74322357 7830034	Universal Joint KYOWA		1
53	74379608 P337020036	Parallel Pin JIS	A-6X30	1
54	74571414 6811101 A	Parallel Key 5X5X16		1
55	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
56	74570119 6813152	Gear Box Bracket Upper		1
57	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2
58	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
59	74379621 6520789	Spacer		1
60	74183301 P334500009	Button Head Screw	M5X10	4

Unit No. 356 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900483	Cable S-3		1
	MA03061---		(SQ6364)	
62	74382938	Terminal	CE-1	4
	P869150001	JIS		

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI-1/2 <Middle Driving ASSY Lower>





MA00862---

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900422 / MA00862---	Middle Driving ASSY Lower	Index 2-51	1
2	74416391 / 6813135 D	Gear Box		1
3	74382635 / 6575823	Drive Bevel Gear		1
4	74565993 / 7830606	Ball Bearing Set / NSK	EPBA20-13DB+KL12	2
5	74183502 / P406030003	Lock Nut / JIS	AN-04	2
6	74183512 / P406040003	Locking Washer / JIS	AW-04	2
7	74570104 / 6813136 A	Unit Case		1
8	74384527 / 6502897 B	Gear Adjusting Collar		2
9	74183623 / P330230007	Hex Socket Cap Screw	M8X25	4
10	74570105 / 6813137	Bearing Retainer A		1
11	74159711 / P330220004	Hex Socket Cap Screw / JIS	M6X12	4
12	74900384 / MA00664---	Point Case Lower		1

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
14	74568287 6575827 B	Bearing Retainer B		1
15	74900383 MA00663---	Center Bevel Gear L		1
16	74570122 7401702 A	Pin Retainer L		1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
18	74571414 6811101 A	Parallel Key 5X5X16		2
19	74776547 6501944 C	Driven Pin		1
20	74314405 P330210010	Hex Socket Cap Screw	M5X25	2
21	74379621 6520789	Spacer		1
22	74183301 P334500009	Button Head Screw	M5X10	4
23	74900382 MA00662---	Gear Box Bracket Lower		1
24	74387585 P338134074	Shoulder Screw MISUMI	MSB16-25	2

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Lower>

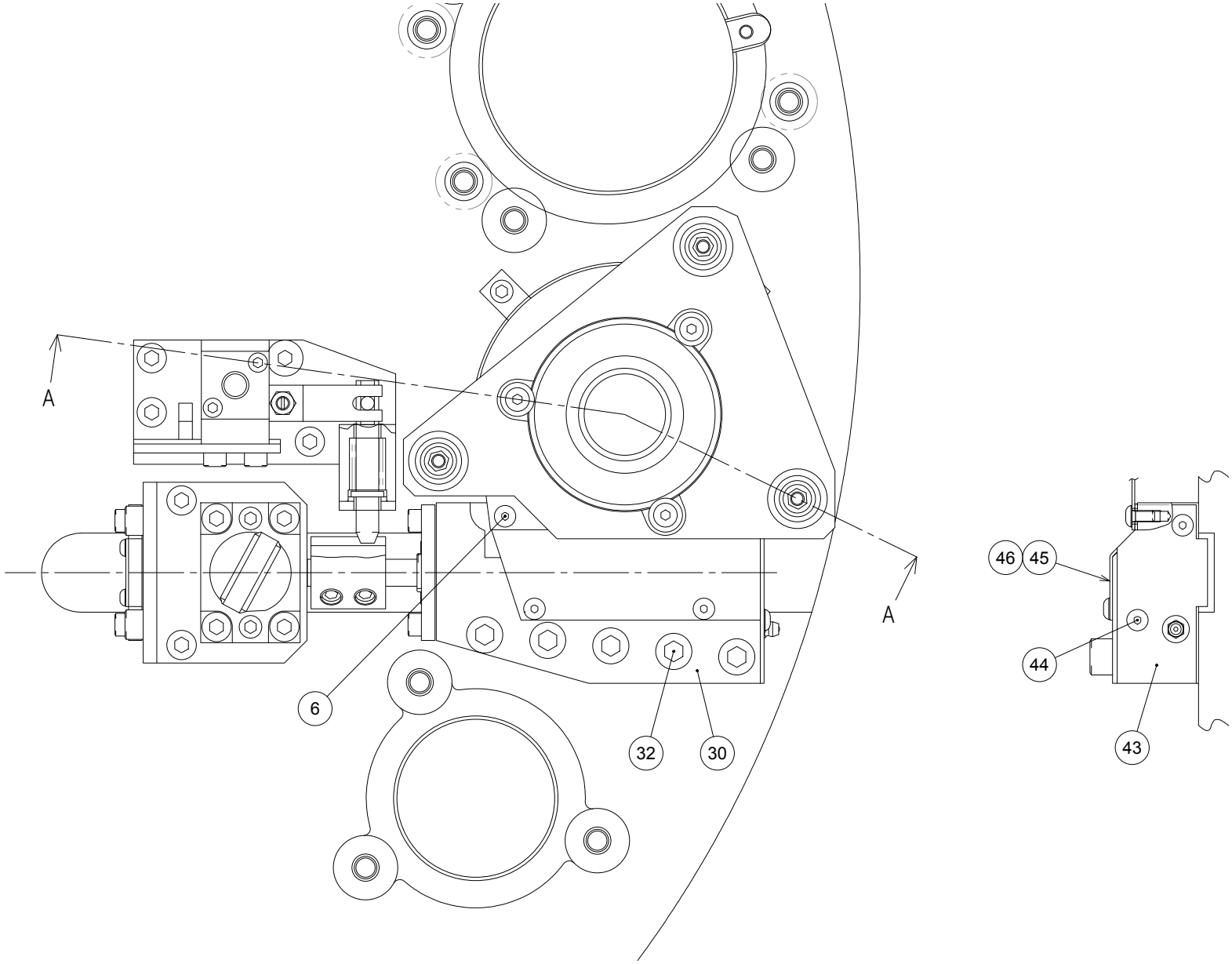
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	1
26	74900333 7831353---	Stroke Bushing NIPPON BEARING	SR20B/SN20X130	2
27	74183635 P330240006	Hex Socket Cap Screw	M10X20	5
28	74379606 P330570006	Socket Set Screw JIS	M4X8(Dog-end)	2
29	74570111 7832797	Air Cylinder (Compact Type) SMC	CQ2B40C-W1680-10 with Index 3031	1
30	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
31	74900669 P829008093	Auto Switch SMC	D-M9BV	1
32	74722702 P330210016	Hex Socket Cap Screw NISSAN NEJI	M5X55	4
33	74570112 6813142	Knuckle Joint		1
34	74722743 P332000018	Nut JIS	M8(Thin)	1
35	74570113 6813143	Stand		1
36	74570114 6813145	Clamp Lever		1

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314719 P337020034	Parallel Pin JIS	A-6X20	1
38	74570115 6813144	A/I Cylinder Pin		2
39	74318214 P406108030	Locating Snap Ring OCHIAI	STW-6	4
40	74570116 6813146	Point Plate		1
41	74570124 6813149	Key L		1
42	74183302 P334500013	Button Head Screw	M6X10	1
43	74570125 6813155	Push Rod Arm L		1
44	74900456 MA01988---	Spacer L		1
45	74183701 P330230023	Hex Socket Cap Screw MOURI	M8X105	2
46	74386766 6593236	B Rod L1		1
47	74322357 7830034	Universal Joint KYOWA		1
48	74379608 P337020036	Parallel Pin JIS	A-6X30	1

Unit No. 357 Turret AI(40ST-2AI)D-1/2"AI <Middle Driving ASSY Lower>

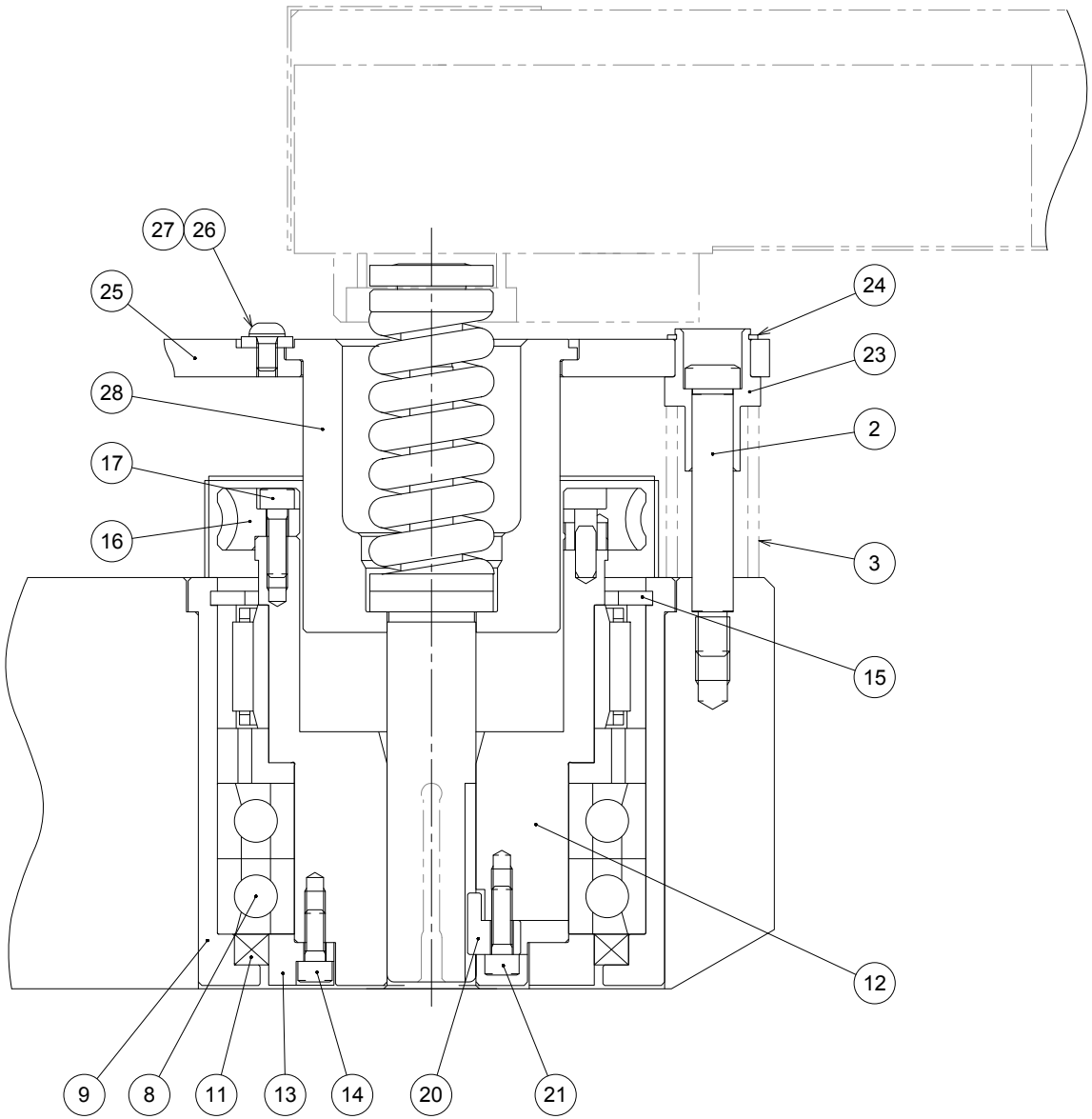
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74305504	Socket Set Screw	M6X6(Flat Type)	2
	P330550024	JIS		
50	74900468	Cable S-8		1
	MA02428--A		(SQ6566)	
51	74382938	Terminal	CE-1	4
	P869150001	JIS		



(1) 1/2"AI Turret ASSY Upper

(29) Worm Housing U1 ASSY

6882940--B

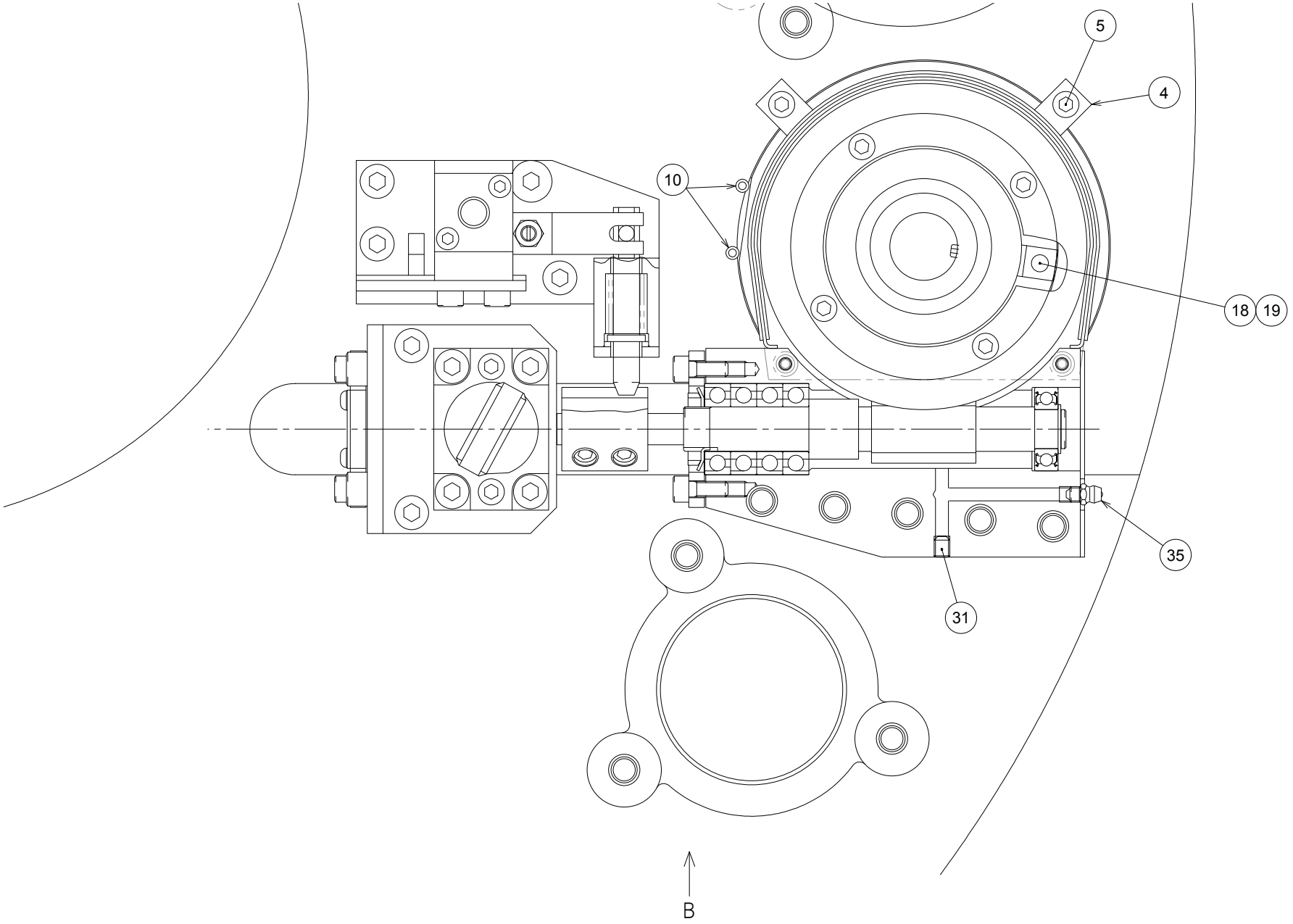


(22) Link Holder U1 ASSY

(7) Bearing Holder U1 ASSY

SECTION A-A

6882940--B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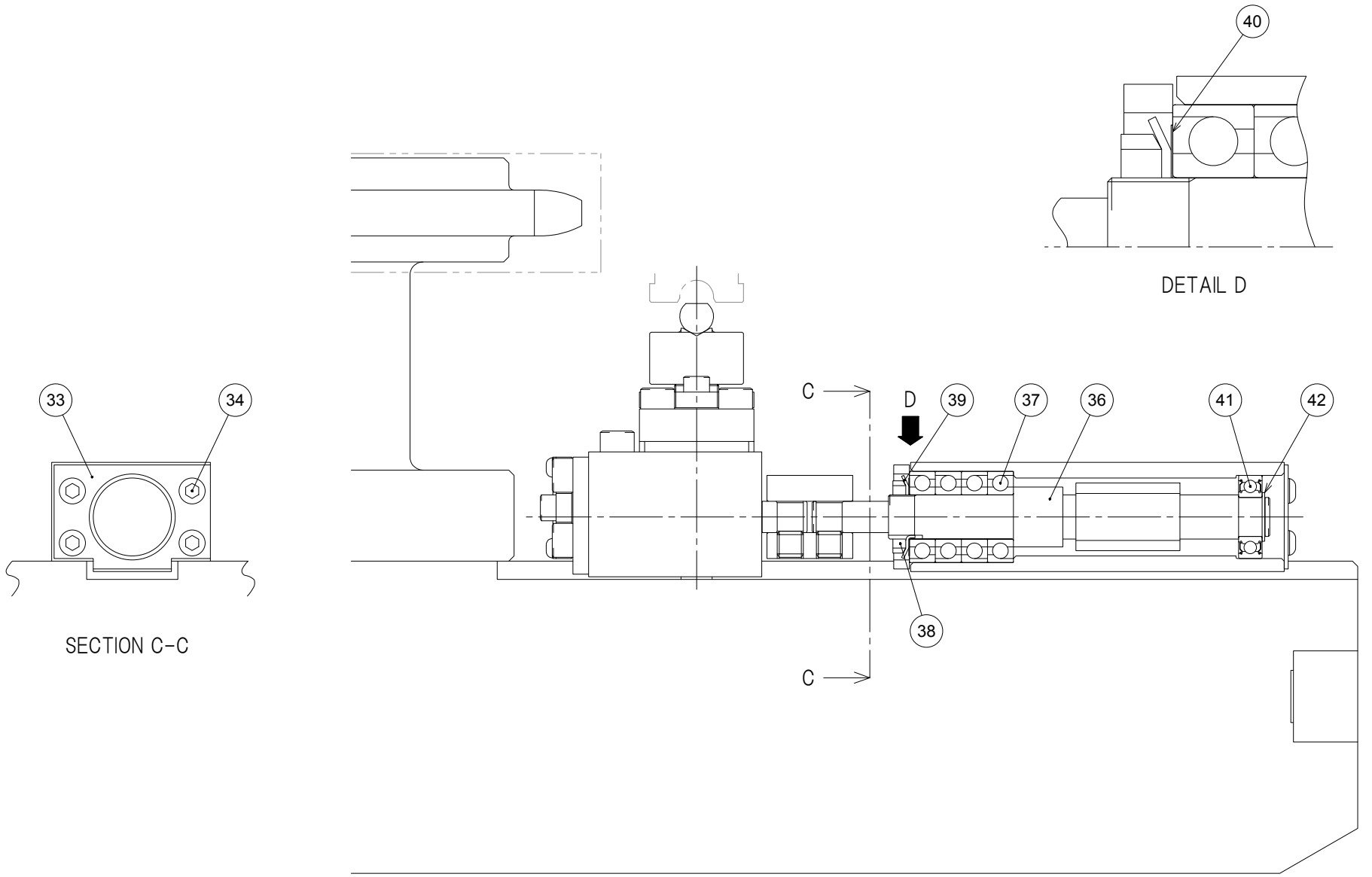
6882940--B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SECTION C-C
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VIEW B
6882940--B

Unit No. 358 Turret AI(40ST-2AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6882940--B	1/2"AI Turret ASSY Upper	Index 2-46	1
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74453067 6882944	Wheel Cover 1/2"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74403016 6882941--A	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74453059 6882813	Guide Holder 1/2"		1

Unit No. 358 Turret AI(40ST-2AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

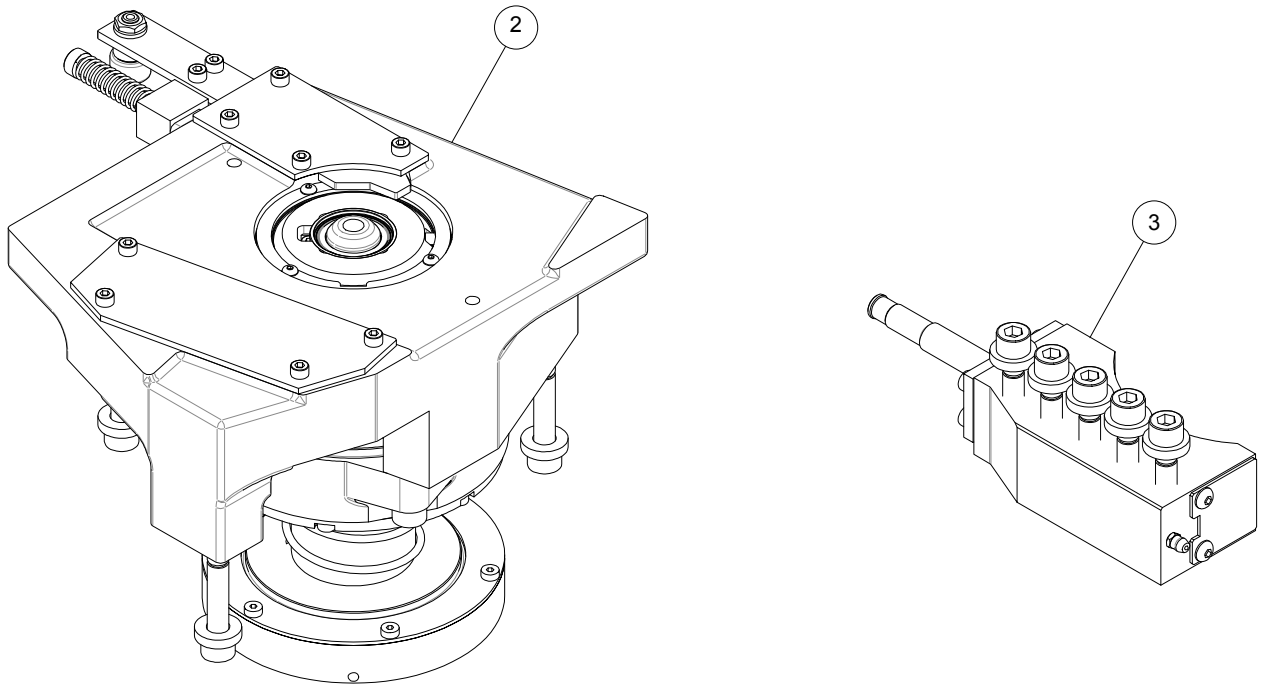
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74453060 6882945	Worm Wheel Upper		1
17	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6882942	Link Holder U1 ASSY	 Index 23-28	1
23	74453061 6882946	Lifter Collar 1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 358 Turret AI(40ST-2AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74453062 6882947	Link Holder 1/2"		1
26	74732449 0821819 A	Washer M6		3
27	74183302 P334500013	Button Head Screw	M6X10	3
28	74453063 6882948	Lifter Ring 1/2"		1
29	74901441 6882943	Worm Housing U1 ASSY	Index 30-46	1
30	74453064 6882949	1/2" Worm Housing U		1
31	74183123 P330550025	Socket Set Screw JIS	M6X8(Flat Point)	1
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 358 Turret AI(40ST-2AI)D-1/2"AI <1/2"AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
38	74183501 / P406030002	Lock Nut / JIS	AN-03	1
39	74183510 / P406040002	Locking Washer / JIS	AW-03	1
40	74313812 / 0822398	Seal		1
41	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
42	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
43	74453065 / 6882950 A	Cover 1		1
44	74183301 / P334500009	Button Head Screw	M5X10	2
45	74453066 / 6882951	Cover 2		1
46	74183301 / P334500009	Button Head Screw	M5X10	2



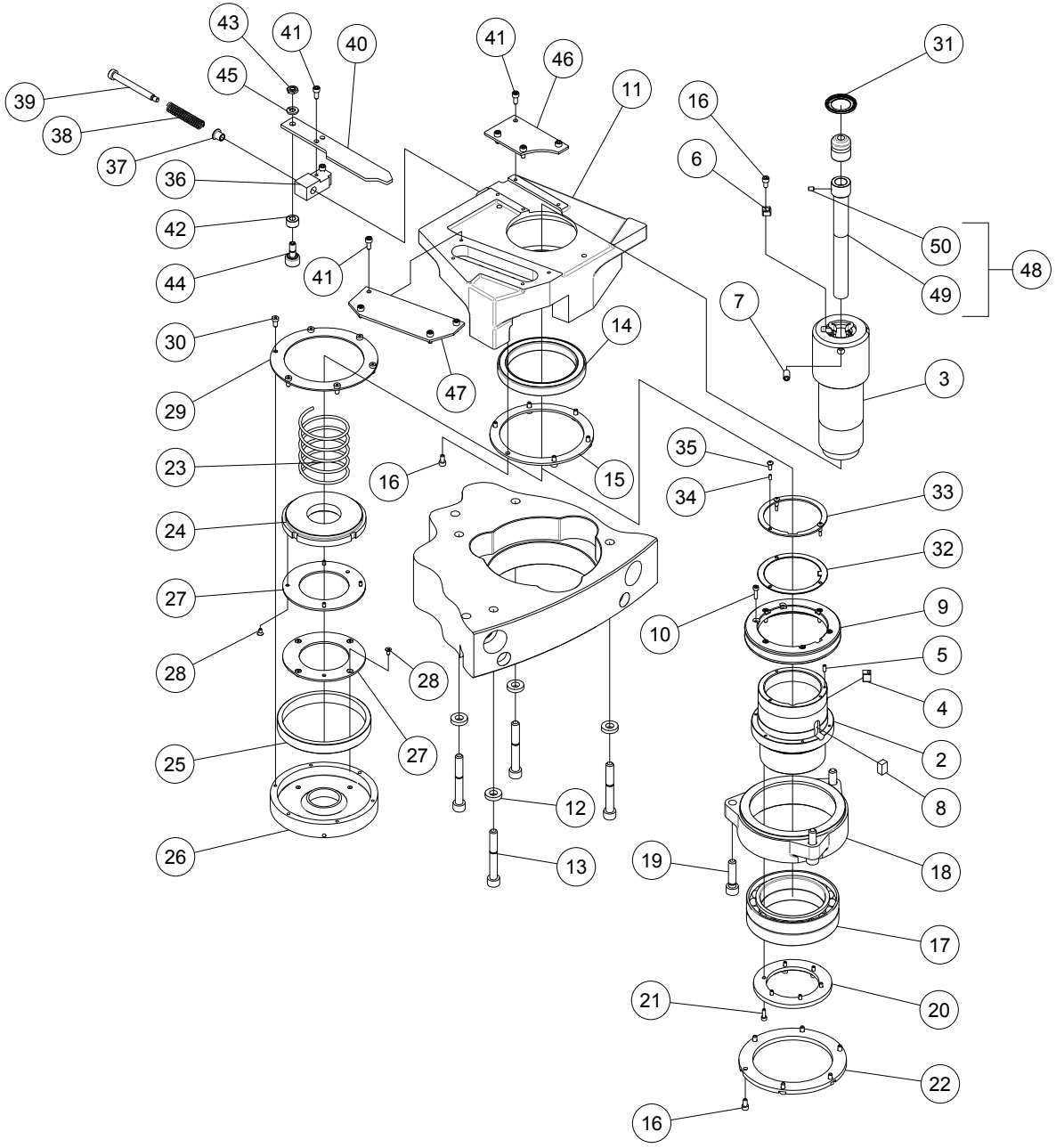
(1) 1/2"AI Turret ASSY Lower

MA08306---

Unit No. 359 Turret AI(40ST-2AI)D-1/2"AI <1/2"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08306---	1/2"AI Turret ASSY Lower	Index 23	1
2	MA08299---	Bearing Holder LH ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>



(1) Bearing Holder LH ASSY

MA08299---

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08299---	Bearing Holder LH ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401944 MA08300---	Lifter Pipe 1/2		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74315024 P338182011	Ball Plunger JEC	BP-8-H	2
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
14	74900657 P400010608	Deep Groove Ball Bearing NSK & others	6818ZZ	1
15	74900419 MA00856---	Bearing Stopper Upper		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 P404024083	Complex Bearing NTN	7917UADDB/GLP5	1
18	74900392 MA00678---	Bearing Holder L		1
19	74183642 P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	6
22	74900420 MA00857---	Bearing Stopper Lower		1
23	74900396 MA00682---	Return Spring 1-1/4AI		1
24	74900393 MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>

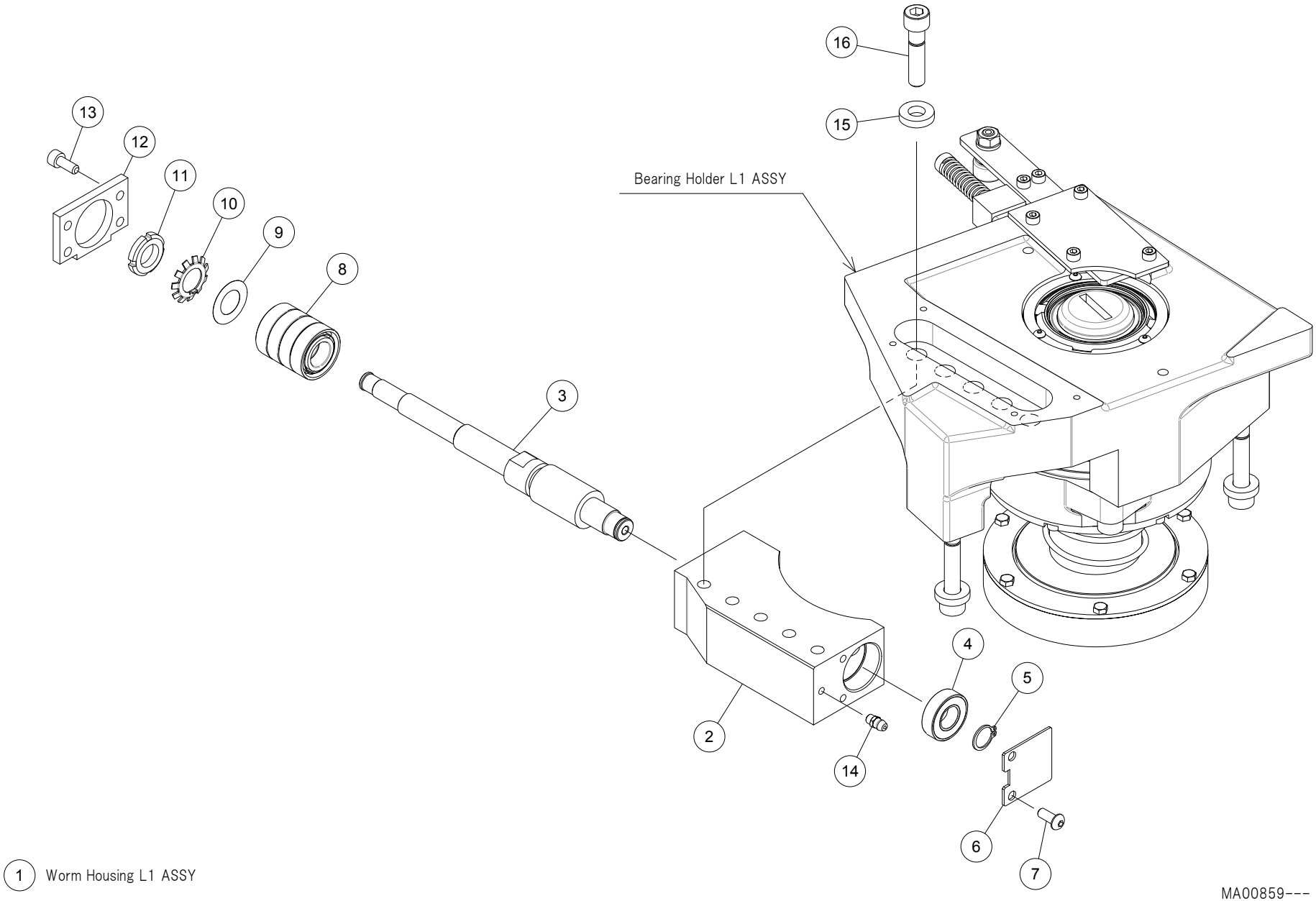
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74387444 7400894 B	Cover Seal 1/2"		1
32	74901444 MA04627---	Cover Seal 1/2AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900464 MA02411---	Ejector Pipe Kit 1/2	Index 4950	1

Unit No. 360 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder LH ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900361 MA00571---	Ejector Pipe 1/2"		1
50	 7421419	Pin 1-1/4"		1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Bearing Holder L1 ASSY
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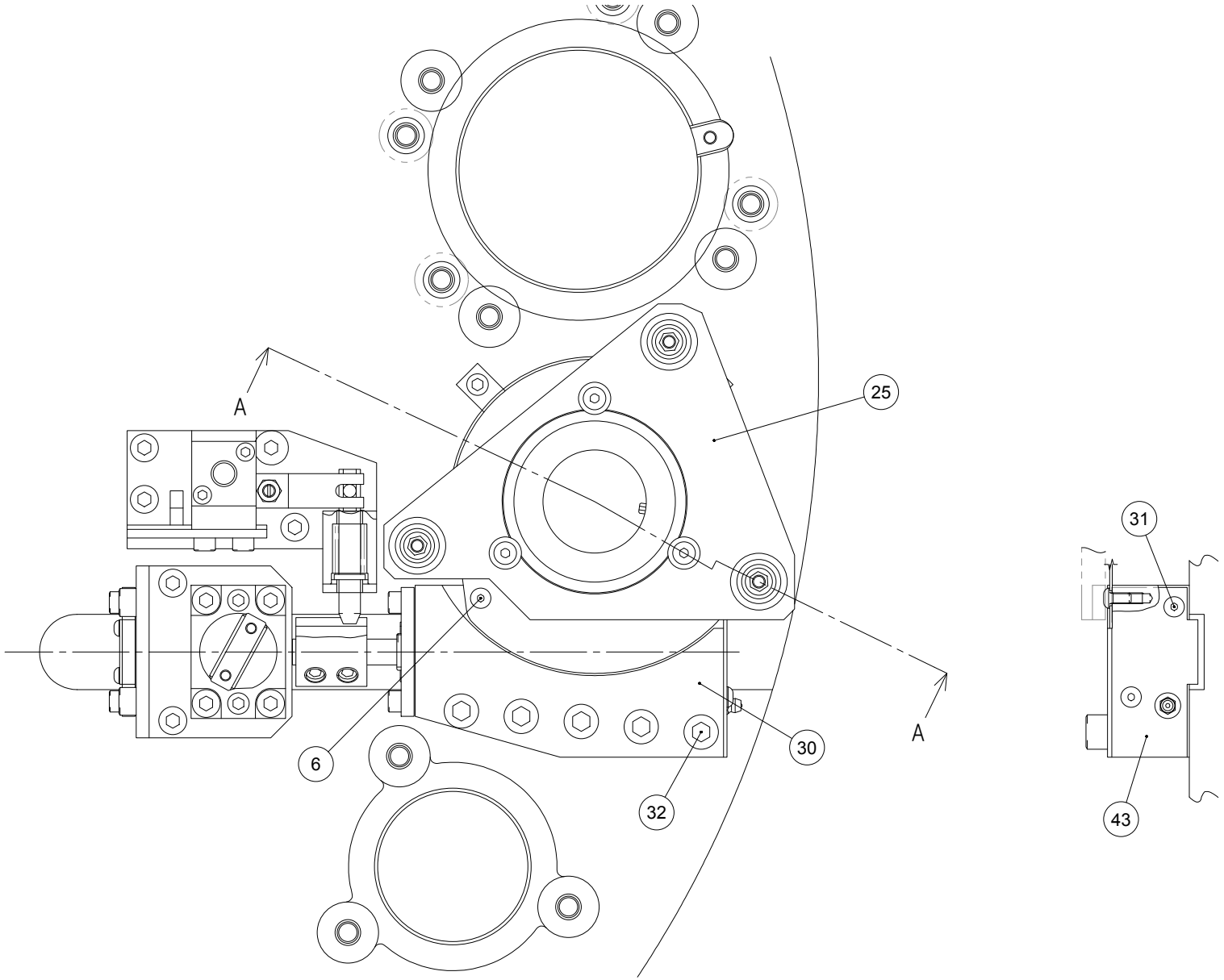
1 Worm Housing L1 ASSY
MA00859---

Unit No. 361 Turret AI(40ST-2AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

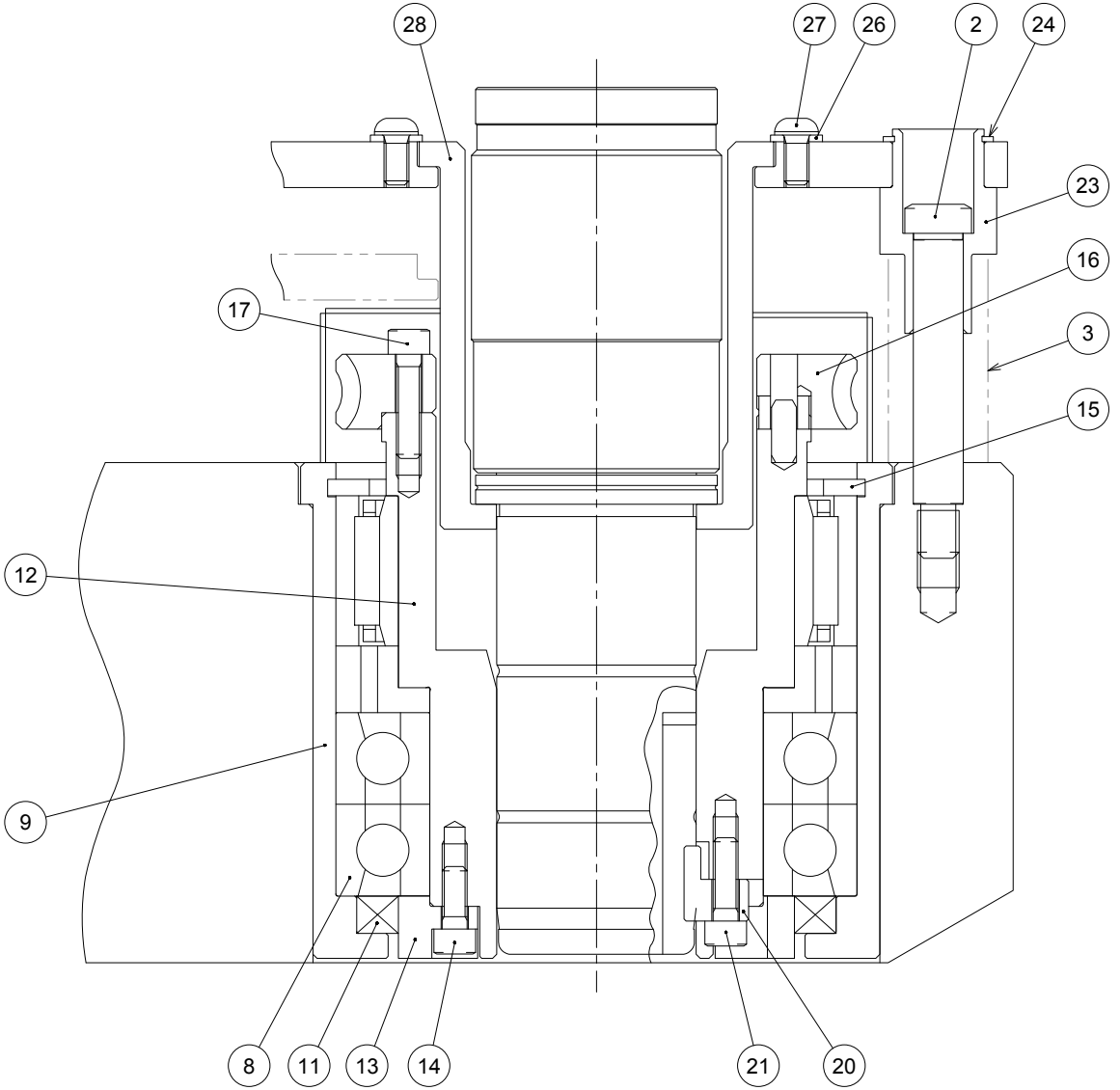
Unit No. 361 Turret AI(40ST-2AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



(1) 1-1/4" AI Turret ASSY Upper (22) Link Holder U1 ASSY (29) Worm Housing U1 ASSY

6875440--C

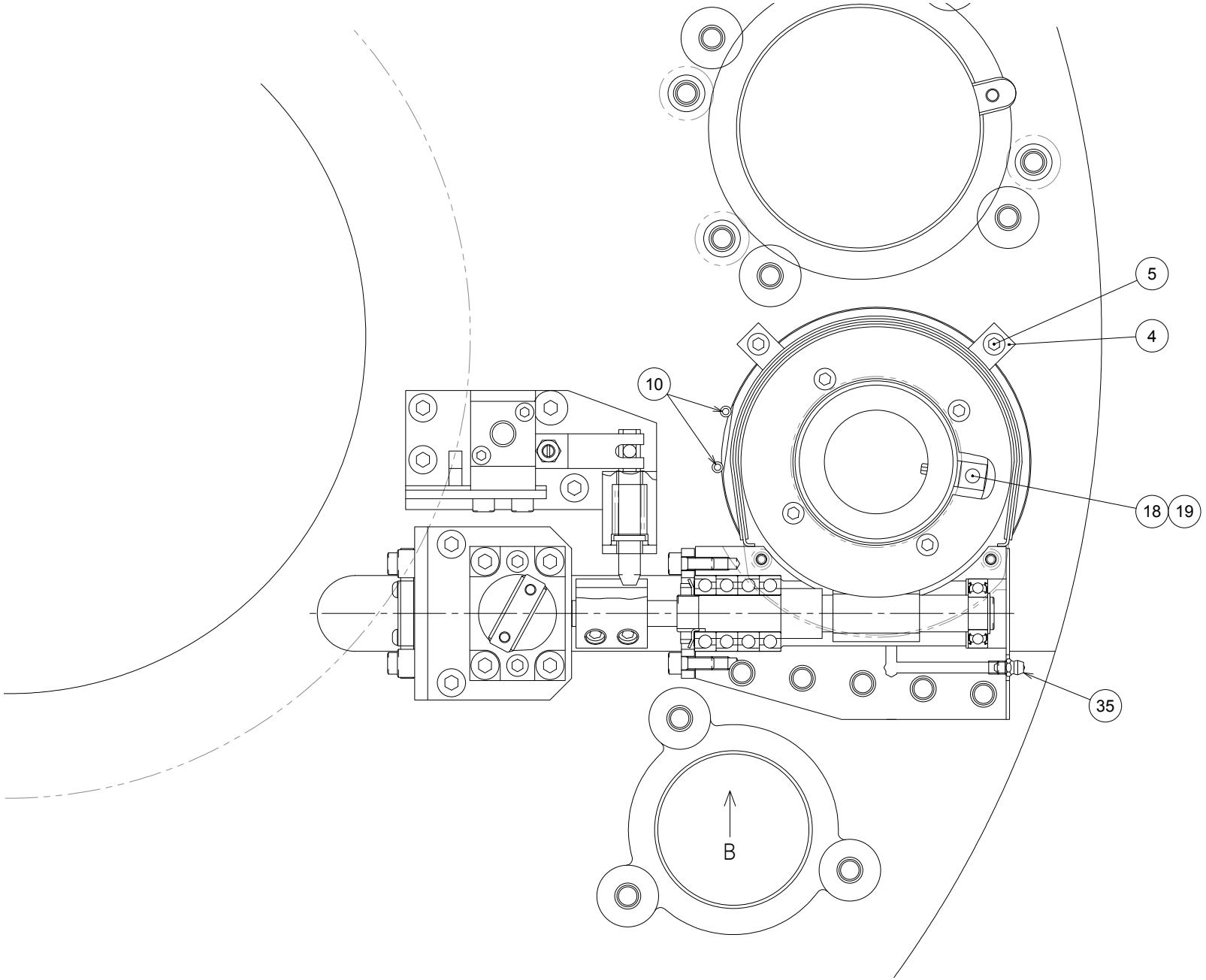


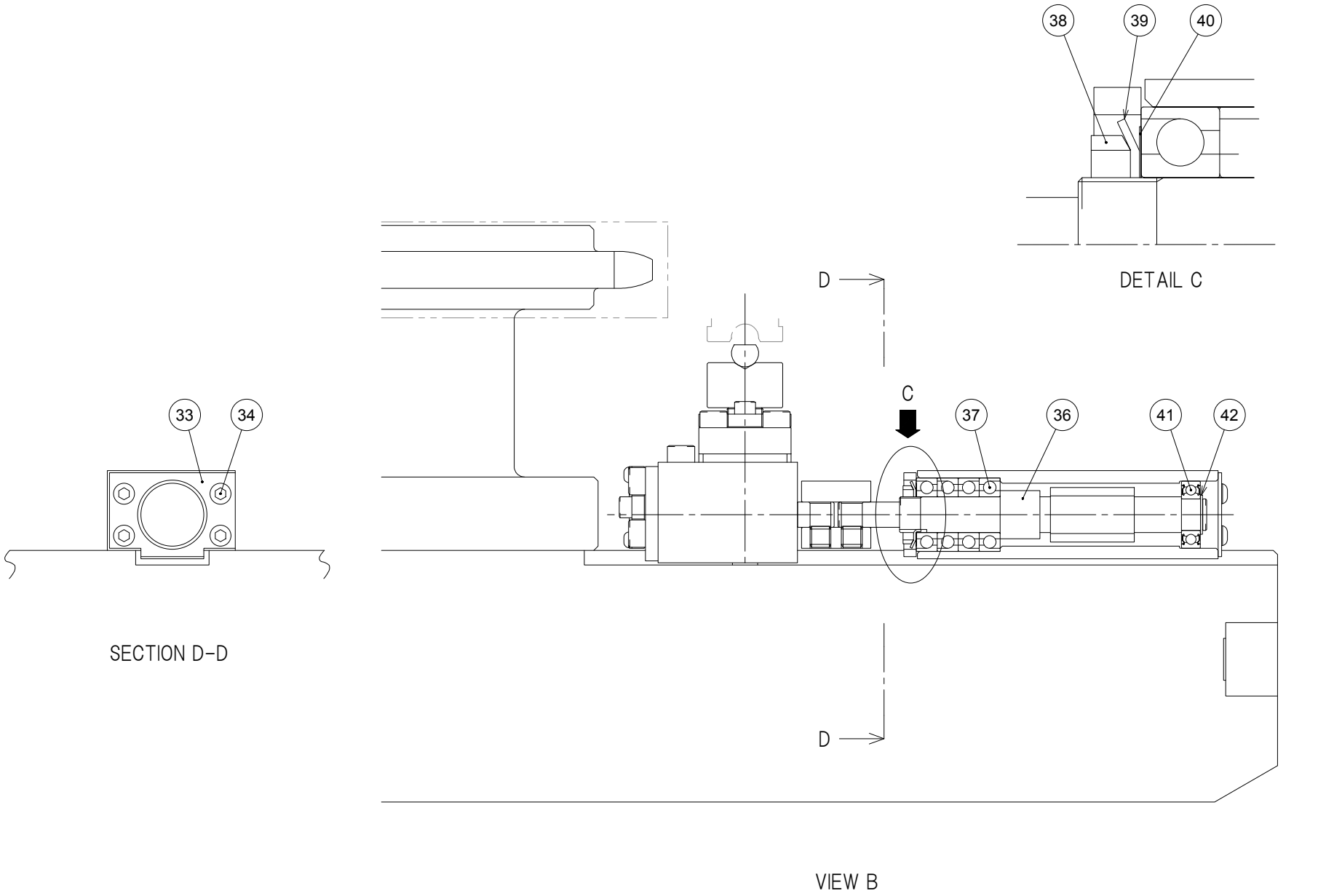
(7) Bearing Holder U1 ASSY

SECTION A-A

6875440--C

Unit No. 362 Turret AI(40ST-2AI)D-1/2"AI-3/4 <1-1/4" AI Turret ASSY Upper>

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6875440--C

Unit No. 362 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875440--C	1-1/4" AI Turret ASSY Upper	Index 2-43	2
2	74569846 3204978	Shoulder Screw		3
3	74569851 3204979 A	Spring 3-1/2"4-1/2"		3
4	74570133 6813134	Wheel Cover 1-1/4"		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
6	74183301 P334500009	Button Head Screw	M5X10	2
7	74903474 6875441---	Bearing Holder U1 ASSY	Index 8-21	1
8	74313903 7830023	Upper Pillow Block		1
9	74387590 7401711	Bearing Holder Upper		1
10	74900654 P337030039	Spring Pin Ohkita	5X15AW	2
11	74715314 P590122012	Oil Seal NOK	VC09511509	1
12	74570127 6813117 A	Guide Holder		1

Unit No. 362 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

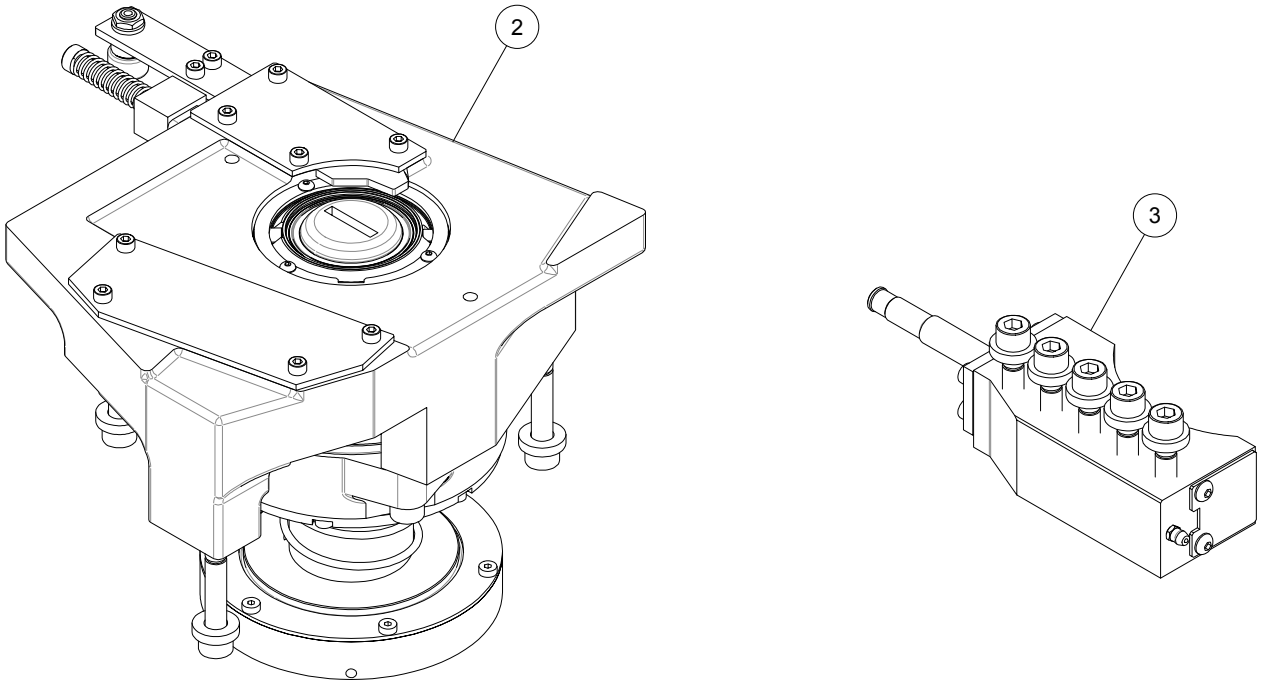
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74387593 7401713	Seal Retainer		1
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
15	74379646 P406108028	Locating Snap Ring OCHIAI	RTW-125	1
16	74570128 6813118	Worm Wheel Upper		1
17	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
18	74313917 0822421 A	Wheel Key Type-1		1
19	74776864 P337030056	Spring Pin Ohkita	6X15AW	1
20	74903475 3008133--A	1/2" Guide Key		1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
22	 6875442	Link Holder U1 ASSY	 Index 23-28	1
23	74571431 6811090	Lifter Collar 4-1/2"		3
24	74183428 P406108044	Locating Snap Ring OCHIAI	STW-22	3

Unit No. 362 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570131 6813131 A	Link Holder 1-1/4"		1
26	74732449 0821819 A	Washer M6		3
27	74183309 P334500014	Button Head Screw JIS	M6X12	3
28	74570132 6813122	Lifter Ring		1
29	74903479 6875443--A	Worm Housing U1 ASSY	Index 30-43	1
30	74903476 6813165--A	1-1/4" Worm Housing U		1
31	74183301 P334500009	Button Head Screw	M5X10	2
32	74183645 P330240013	Hex Socket Cap Screw	M10X55	5
33	74570135 6575856 A	Bearing Retainer E		1
34	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
35	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
36	74570136 6813123 A	Worm Shaft H 1-1/4"		1

Unit No. 362 Turret AI(40ST-2AI)D-1/2"AI <1-1/4" AI Turret ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74058544 / 7932023	4-Ball Bearings / NSK	7003DBB (Class 5)	1
38	74183501 / P406030002	Lock Nut / JIS	AN-03	1
39	74183510 / P406040002	Locking Washer / JIS	AW-03	1
40	74313812 / 0822398	Seal		1
41	74570322 / P400010701	Deep Groove Ball Bearing / NSK(equality)	6002ZZ	1
42	74776936 / P406108038	Locating Snap Ring / OCHIAI	STW-15	1
43	74322202 / 6501959	Cover		1

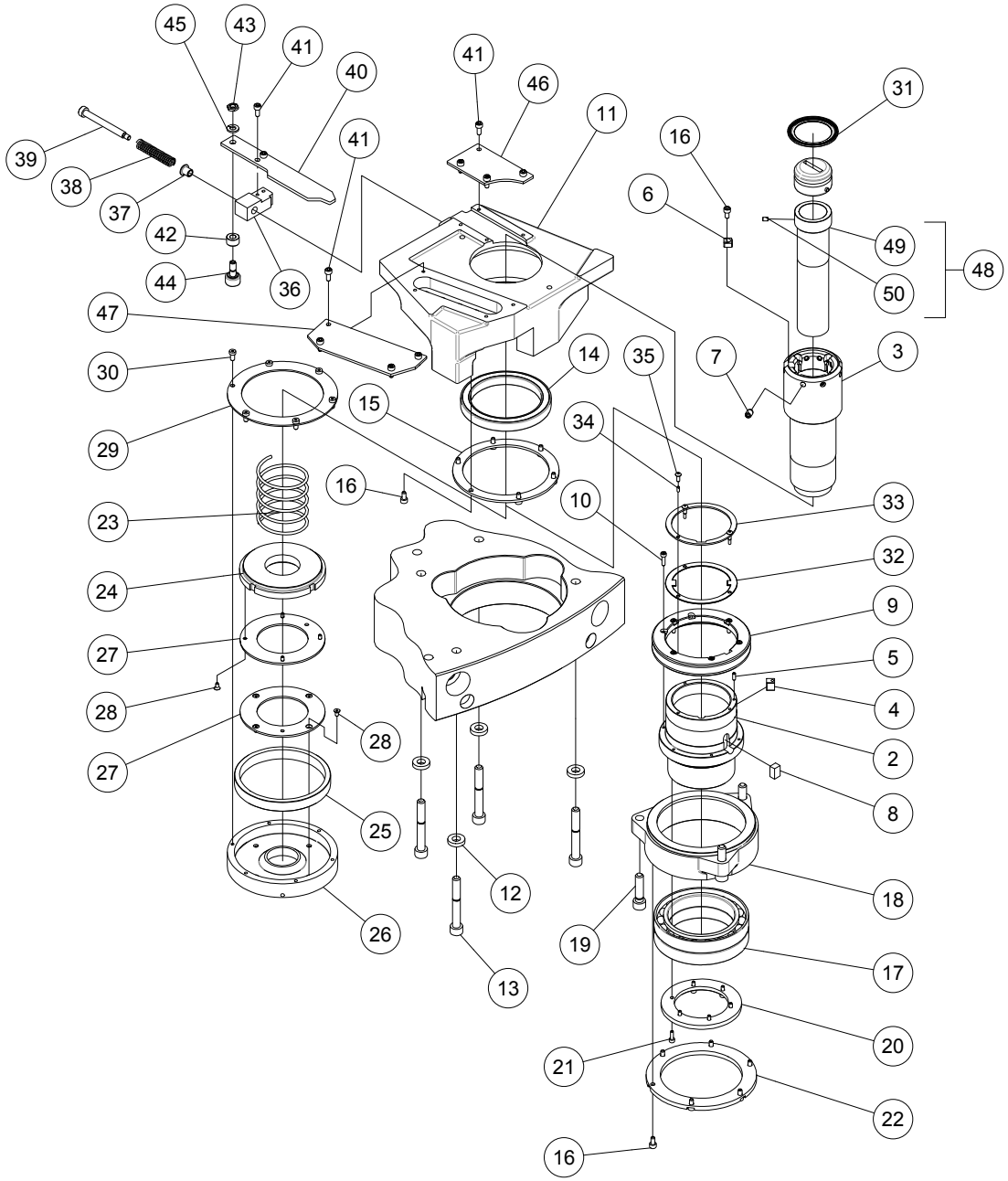


(1) 1-1/4″AI Turret ASSY Lower

MA08305---

Unit No. 363 Turret AI(40ST-2AI)D-1/2"AI <1-1/4"AI Turret ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08305---	1-1/4"AI Turret ASSY Lower	Index 23	2
2	MA08297---	Bearing Holder L1 ASSY		1
3	MA00859---	Worm Housing L1 ASSY		1



1 Bearing Holder L1 ASSY

MA08297---

Unit No. 364 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08297---	Bearing Holder L1 ASSY	Index 2-50	1
2	74401938 MA00674--C	Lifter Holder 1-1/4		1
3	74401939 MA08298---	Lifter Pipe 1-1/4AI		1
4	74900398 MA00691--A	Lifter Key		1
5	74383639 P330590008	Socket Set Screw JIS	M4X10(Cup Point)	1
6	74900459 MA02406--B	Stopper Block		1
7	74900671 P338184021	Ball Plunger MISUMI	BPK8	6
8	74379655 6570455	Lower Wheel Key		1
9	74900402 MA00707---	Worm Wheel		1
10	74183601 P330200018	Hex Socket Cap Screw	M4X15	7
11	74900475 MA02534--A	Die Spacer 1-1/4		1
12	74165309 0827013 B	Washer M10		4

Unit No. 364 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306323 P330240017	Hex Socket Cap Screw MOURI	M10X75	4
14	74900657 P400010608	Deep Groove Ball Bearing NSK & others	6818ZZ	1
15	74900419 MA00856---	Bearing Stopper Upper		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	13
17	74900658 P404024083	Complex Bearing NTN	7917UADDB/GLP5	1
18	74900392 MA00678---	Bearing Holder L		1
19	74183642 P330240010	Hex Socket Cap Screw	M10X40	3
20	74900397 MA00685---	Bearing Retainer 1-1/4AI		1
21	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	6
22	74900420 MA00857---	Bearing Stopper Lower		1
23	74900396 MA00682---	Return Spring 1-1/4AI		1
24	74900393 MA00679--A	Liter Ring 1-1/4AI		1

Unit No. 364 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder L1 ASSY>

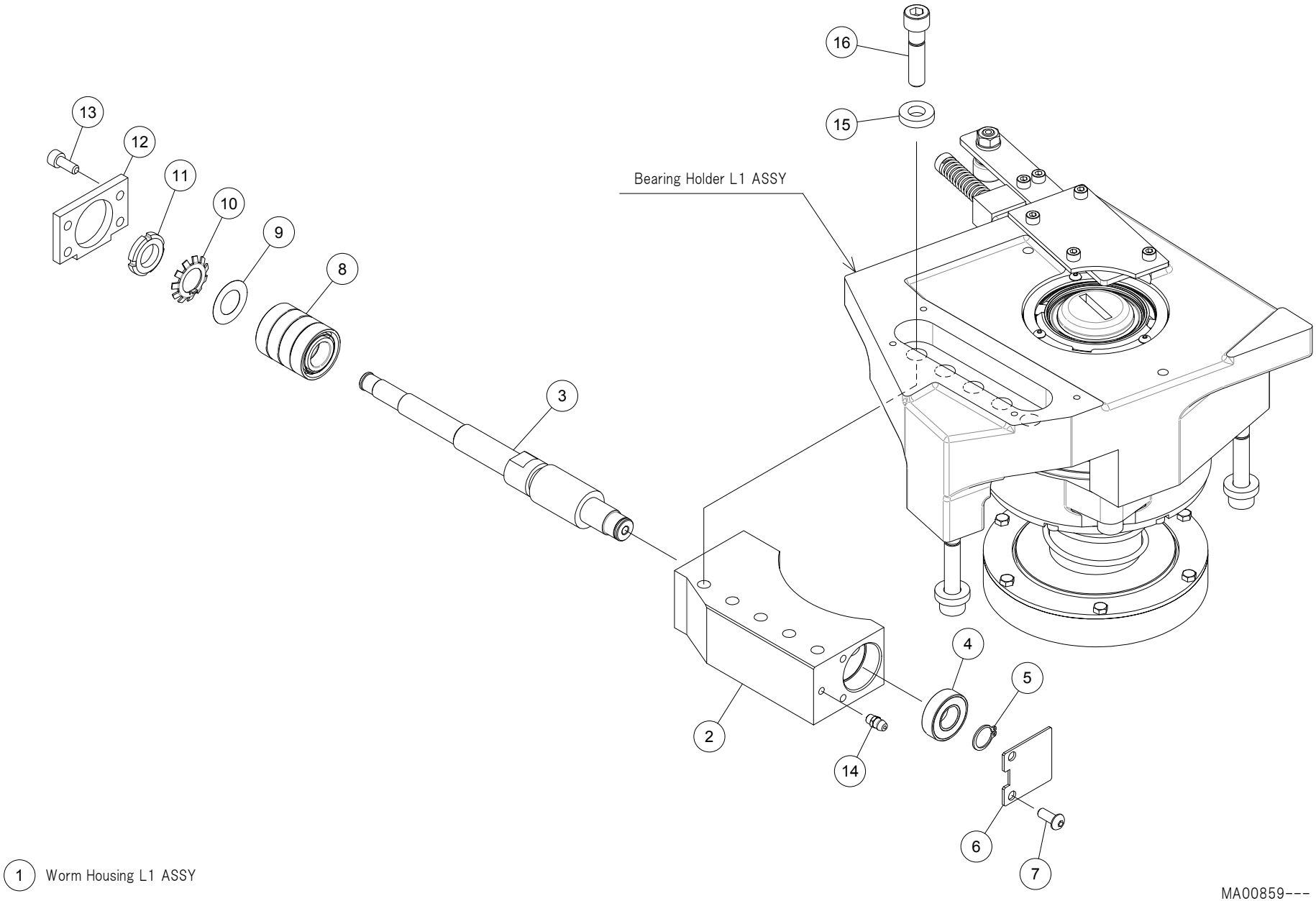
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900417 MA00852---	Slip Ring		1
26	74401940 MA00681--B	Lifter Ring Holder		1
27	74900349 MA00295--A	Slip Plate OILES Industry		2
28	74377125 P334520018	Flat Head Bolt NISSAN NEJI	M4X8	8
29	74401941 MA00680--A	Ring Stopper		1
30	74401942 P334704280	Special Screw MISUMI	CBSH5-10	6
31	74401932 7831448---	Cover Seal 1-1/4" HASHIMOTO		1
32	74900462 MA02409--A	Cover Seal 1-1/4AI		1
33	74900463 MA02410---	Cover Seal Retainer		1
34	74900358 MA00562---	Screw Stopper		3
35	74535012 P334500005	Button Head Screw	M4X10	3
36	74900448 MA01285---	Guide Holder		1

Unit No. 364 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900659 P407012013	Bushing OILES Industry	LFF-0810	1
38	74900347 MA00287---	Spring		1
39	74900656 P338134025	Shoulder Screw MISUMI	MSB8-70	1
40	74401943 MA08304---	Slide Stopper 1-1/4"AI		1
41	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10
42	74900447 MA01284---	Color 3-1/2"		1
43	74722743 P332000018	Nut JIS	M8(Thin)	1
44	74900660 P409100546	Cam Follower THK & others	CF8UUR-A	1
45	74183103 P336050006	Spring Washer JIS	8	1
46	74900480 MA02548--A	Slide Stopper Holder 1-1/4AI		1
47	74900426 MA00872---	Top Cover		1
48	74900465 MA02412---	Ejector Pipe Kit 1-1/4	Index 4950	1

Unit No. 364 Turret AI(40ST-2AI)D-1/2"AI <Bearing Holder L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900435 MA01267---	1-1/4 Ejector Pipe		1
50	 7421419	Pin 1-1/4"		1


16
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11
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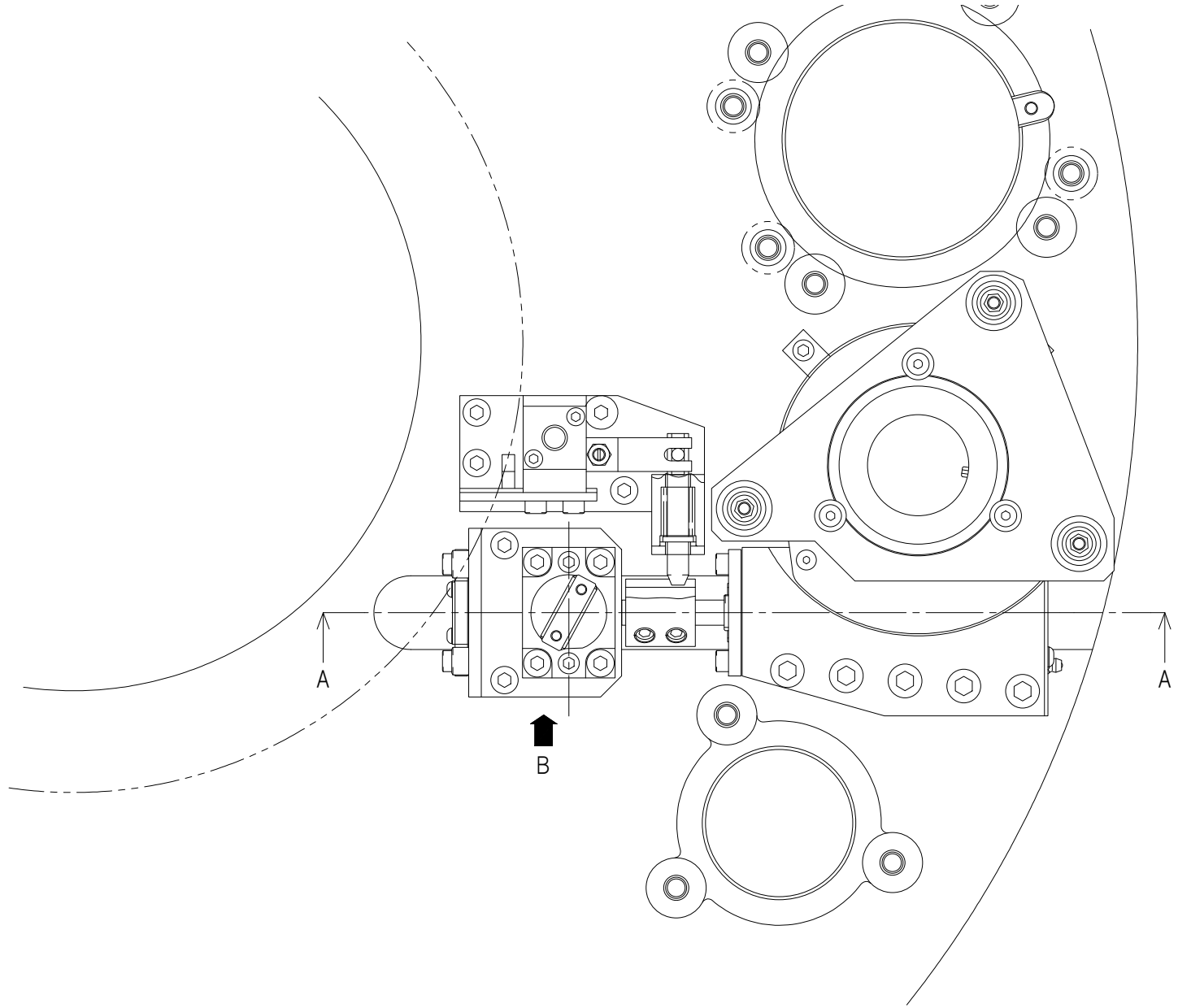
9
8
Bearing Holder L1 ASSY
3
4
5
2
14
6
7
1 Worm Housing L1 ASSY
MA00859---

Unit No. 365 Turret AI(40ST-2AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900421 MA00859---	Worm Housing L1 ASSY	Index 2-16	1
2	74900472 MA02529---	Worm Housing		1
3	74900423 MA00869---	Worm Shaft		1
4	74570322 P400010701	Deep Groove Ball Bearing NSK(equality)	6002ZZ	1
5	74776936 P406108038	Locating Snap Ring OCHIAI	STW-15	1
6	74900424 MA00870--A	Cover 1-1/4		1
7	74183302 P334500013	Button Head Screw	M6X10	2
8	74058544 7932023	4-Ball Bearings NSK	7003DBB (Class 5)	1
9	74313812 0822398	Seal		1
10	74183510 P406040002	Locking Washer JIS	AW-03	1
11	74183501 P406030002	Lock Nut JIS	AN-03	1
12	74570135 6575856 A	Bearing Retainer E		1

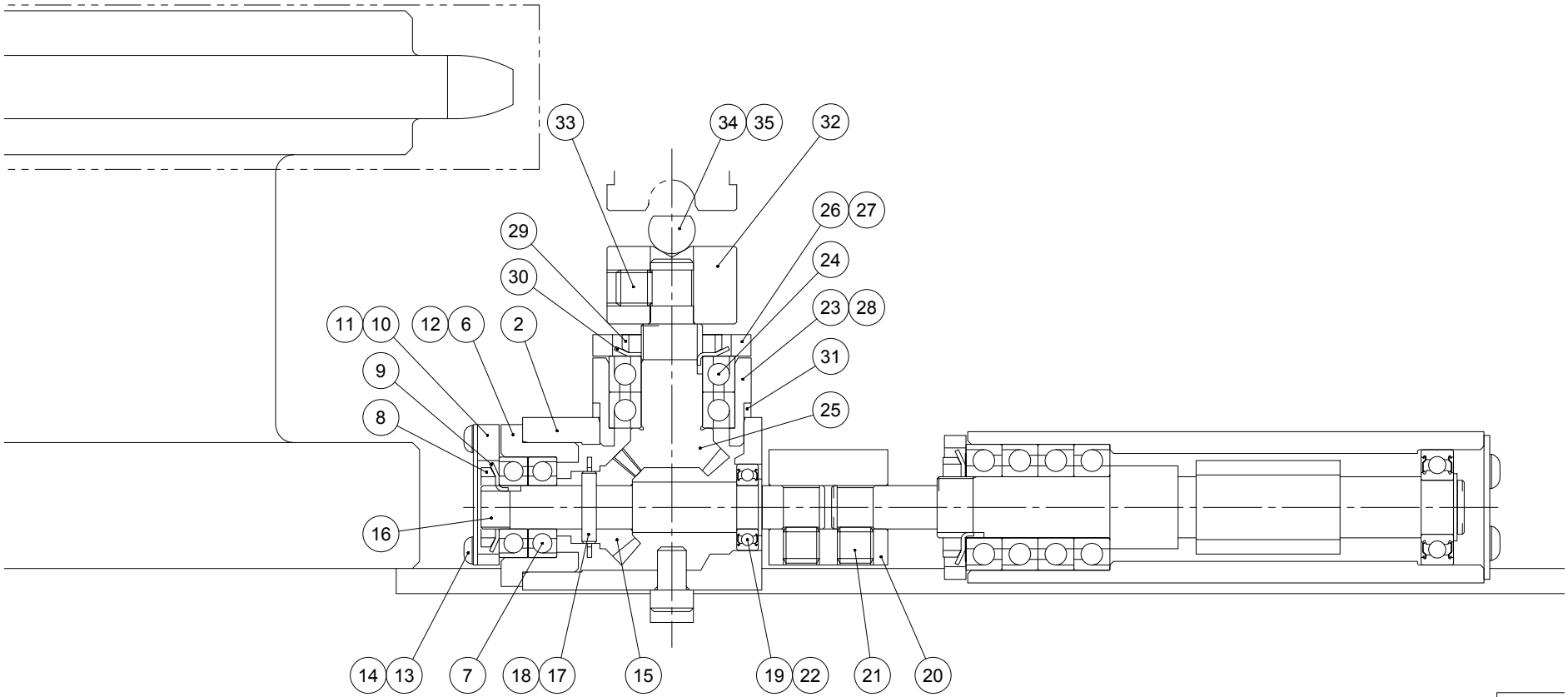
Unit No. 365 Turret AI(40ST-2AI)D-1/2"AI <Worm Housing L1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
14	74715320 P560600002	Grease Nipple JIS	A-MT6X1	1
15	74165309 0827013 B	Washer M10		5
16	74183643 P330240011	Hex Socket Cap Screw	M10X45	5



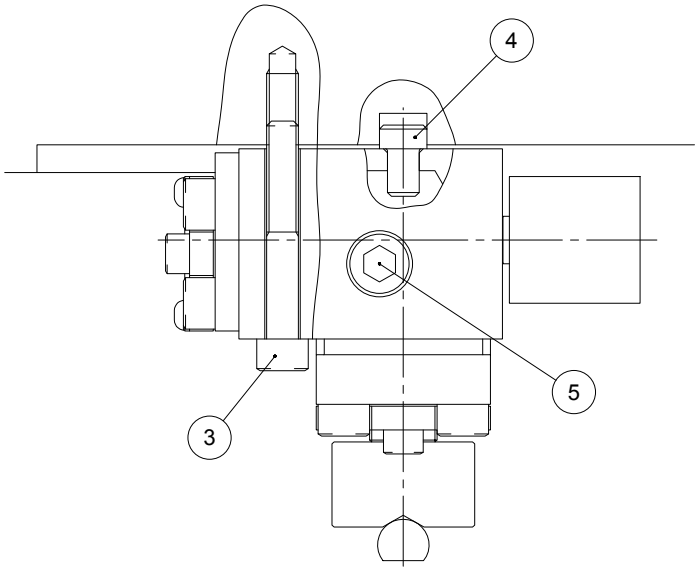
(1) Turret Drive ASSY Upper

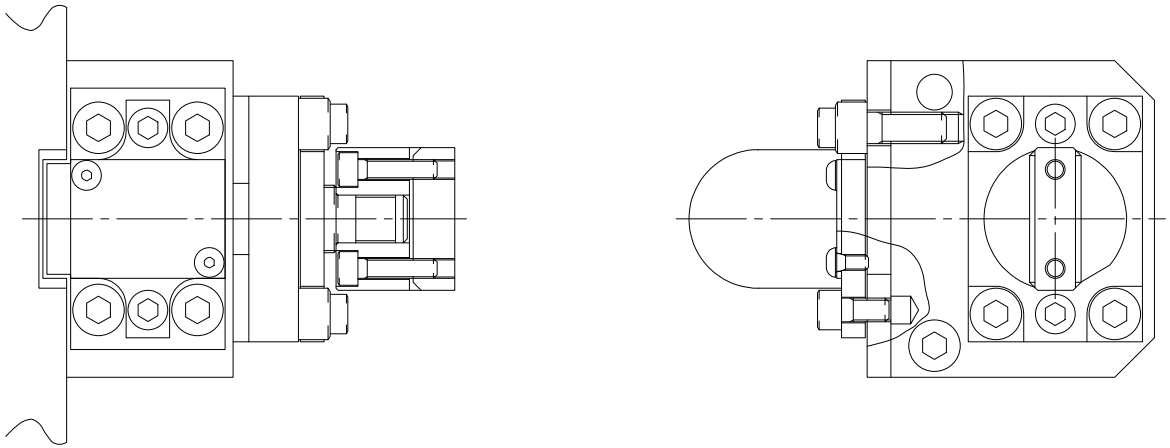
6813105 D



SECTION A-A

6813105 D





DETAIL B

6813105 D

Unit No. 366 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Upper>

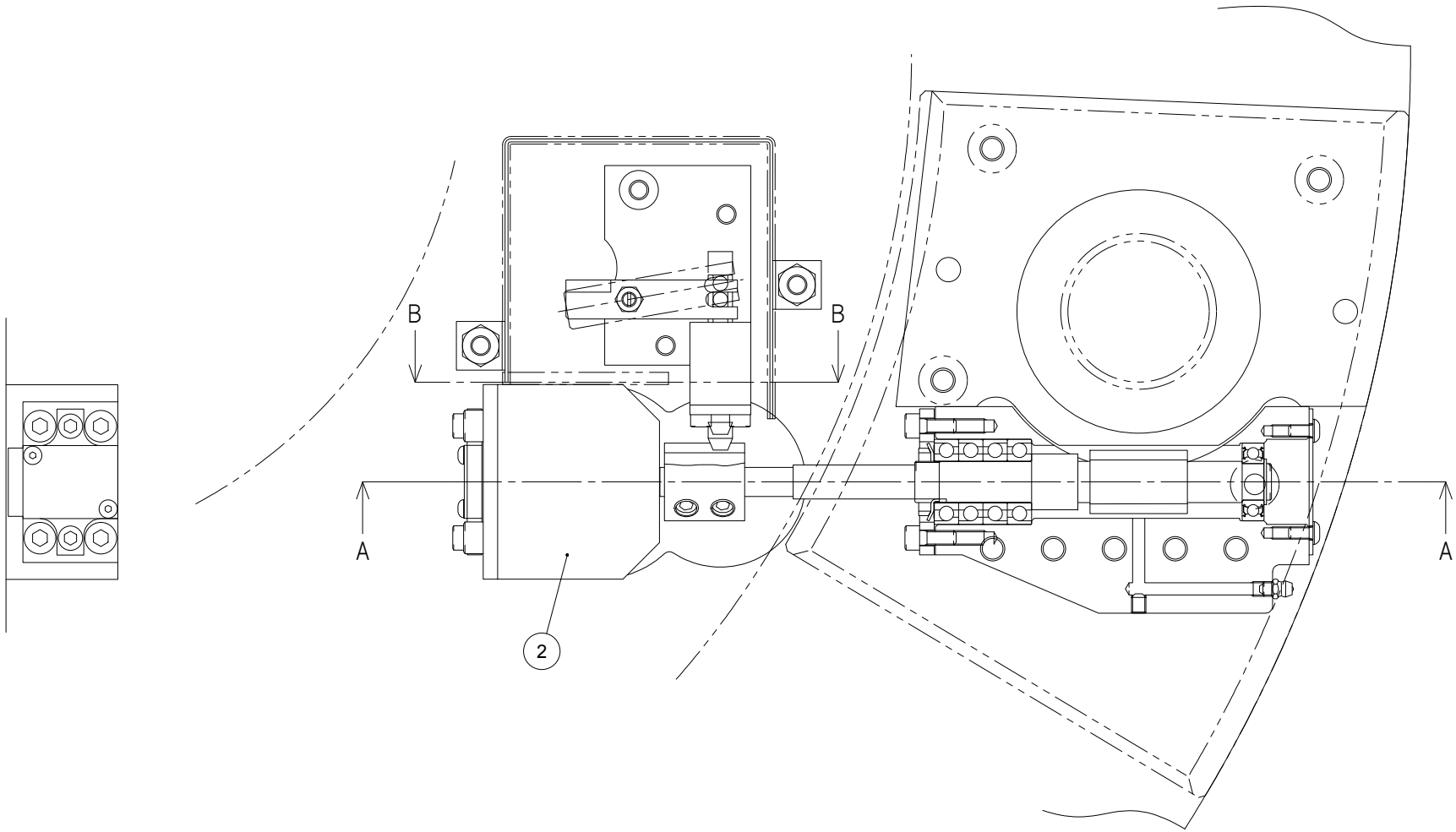
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74451785 6813105 D	Turret Drive ASSY Upper	Index 2-35	2
2	74570145 6813132 A	Gear Box U		1
3	74300561 P330230013	Hex Socket Cap Screw	M8X55	2
4	74387045 6575844 A	Locating Pin		1
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 366 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74322212 6501941 B	Coupling		1
21	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
22	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

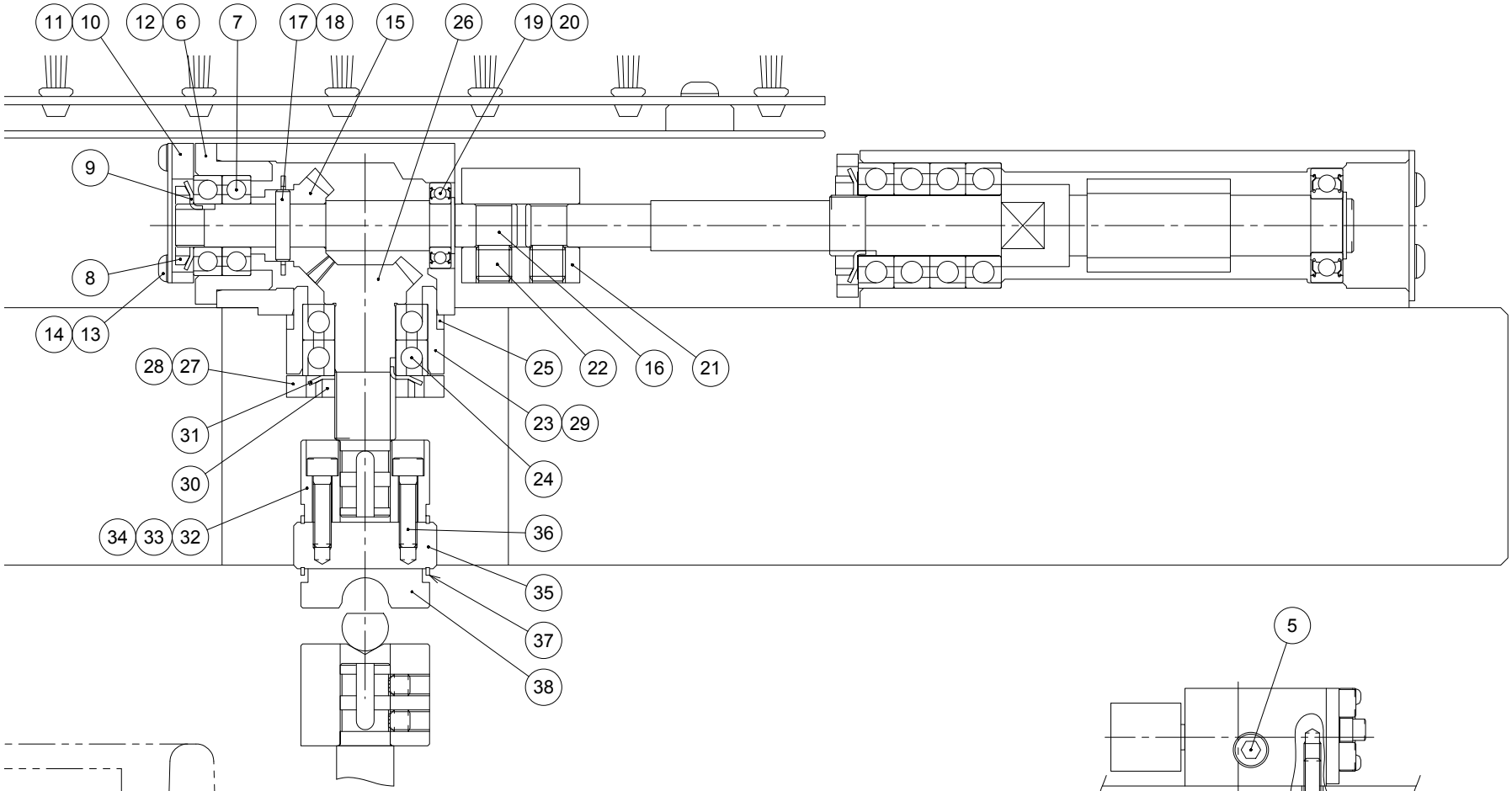
Unit No. 366 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Upper>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74382675 6502914 A	Drive Bevel Gear U		1
26	74382684 6575851 A	Bearing Retainer D		1
27	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
28	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
29	74183501 P406030002	Lock Nut JIS	AN-03	1
30	74183510 P406040002	Locking Washer JIS	AW-03	1
31	74570153 6502917 B	Gear Adjusting Collar 2		2
32	74566464 6501945 B	Pin Retainer U		1
33	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	2
34	74776547 6501944 C	Driven Pin		1
35	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

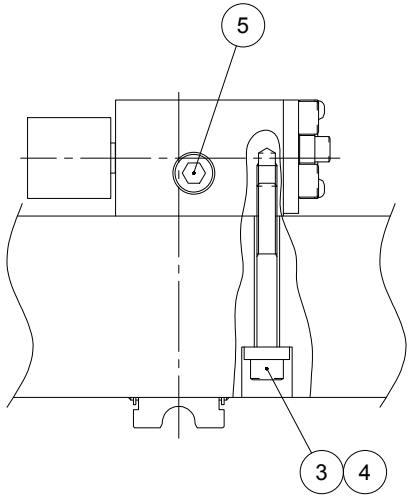


(1) Turret Drive ASSY Lower

6813106 D



SECTION A-A



SECTION B-B

6813106 D

Unit No. 367 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74000619 6813106 D	Turret Drive ASSY Lower	 Index 2-38	2
2	74570158 6813124 B	Gear Box L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1
6	74570147 6813125 A	Unit Case		1
7	74571425 P404027113	Complex Bearing NSK	7001ATYNDBMP5	1
8	74322448 P406034002	Lock Nut NTN	AN01	1
9	74379682 P406044003	Locking Washer NTN	AW01	1
10	74570149 6813126	Bearing Retainer C		1
11	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
12	74183623 P330230007	Hex Socket Cap Screw	M8X25	4

Unit No. 367 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Lower>

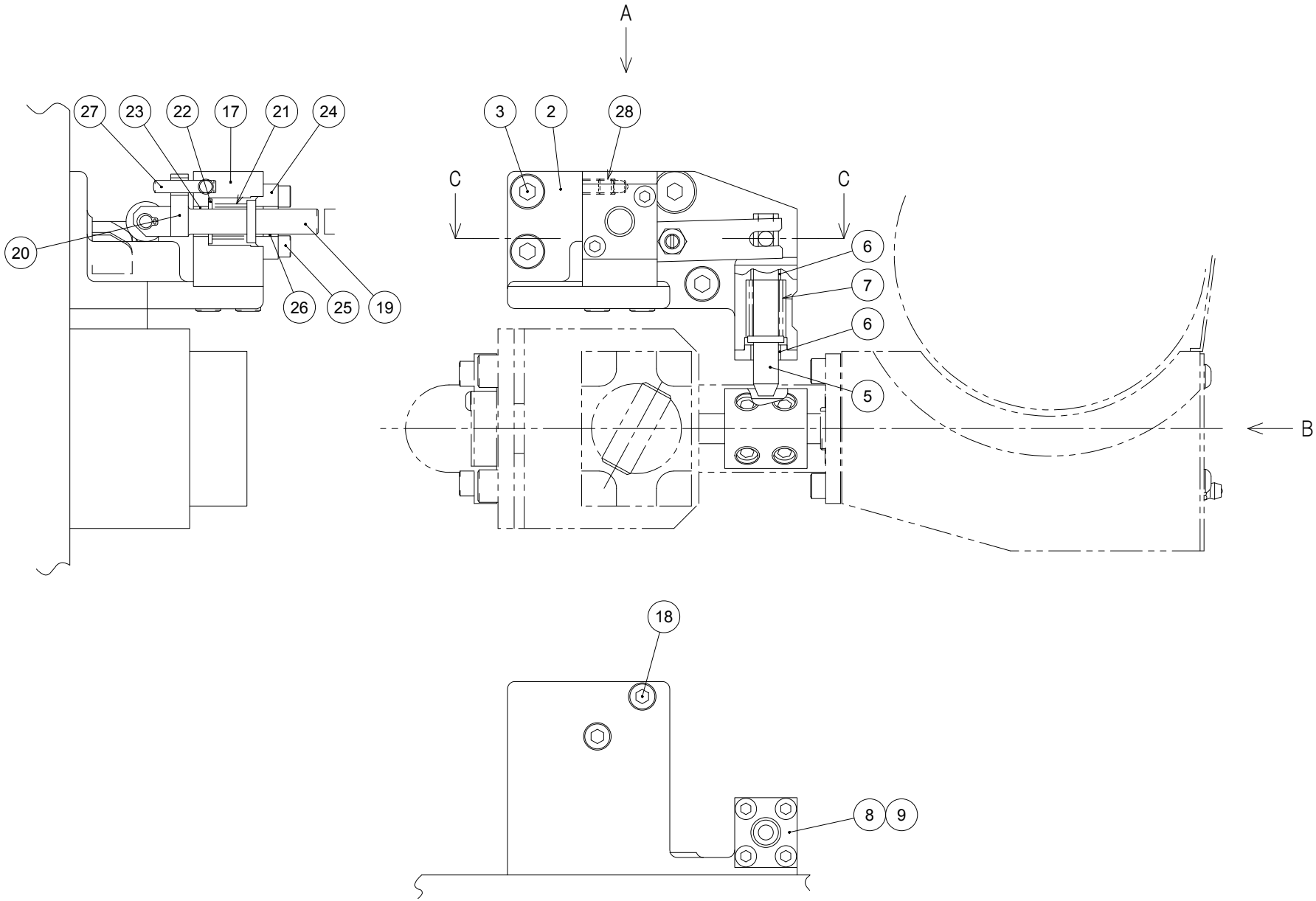
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74384569 6575853 A	Cap		1
14	74183304 P334500004	Button Head Screw JIS	M4X8	2
15	74813094 6575847	Driven Bevel Gear		1
16	74382681 6813127 A	Driven Shaft		1
17	74322601 P337020018	Parallel Pin JIS	A-4X20	1
18	74379683 P406108103	Locating Snap Ring OCHIAI	STW-23	1
19	74571426 P400010689	Deep Groove Ball Bearing NSK(equality)	6901ZZ	1
20	74165328 P406108035	Locating Snap Ring OCHIAI	STW-12	1
21	74322212 6501941 B	Coupling		1
22	74570151 P330550180	Socket Set Screw Tokyo Byora	M10X8(Knurled Cup-end)	4
23	74570152 6813128 A	Point Case		1
24	74566463 7830603	Ball Bearing Set NSK	EPBA17-4DBCP10	1

Unit No. 367 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570153 6502917 B	Gear Adjusting Collar 2		2
26	74570159 6813130	Drive Bevel Gear L		1
27	74382684 6575851 A	Bearing Retainer D		1
28	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
29	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
30	74183501 P406030002	Lock Nut JIS	AN-03	1
31	74183510 P406040002	Locking Washer JIS	AW-03	1
32	74387613 7401762 C	Point D		1
33	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup-end)	2
34	74571414 6811101 A	Parallel Key 5X5X16		1
35	74350701 0812100	Pin		1
36	74314404 P330210009	Hex Socket Cap Screw	M5X20	2

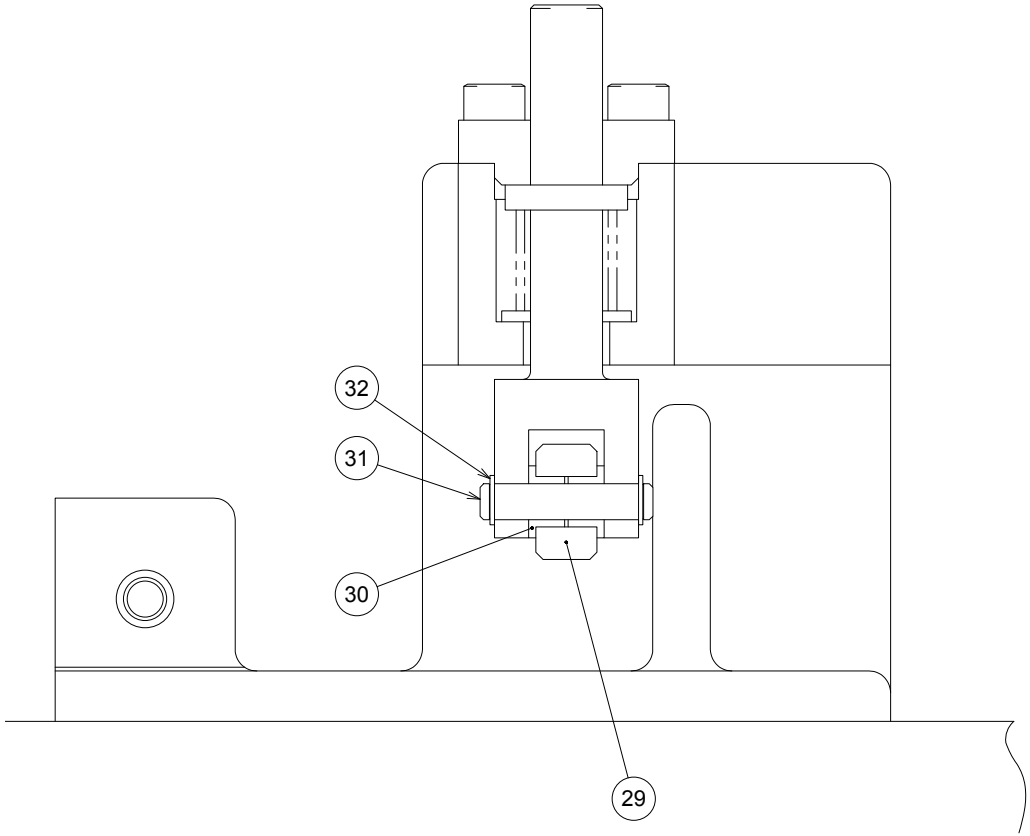
Unit No. 367 Turret AI(40ST-2AI)D-1/2"AI <Turret Drive ASSY Lower>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314622 P406108036	Locating Snap Ring OCHIAI	STW-13	2
38	74379584 6501943 B	Clamp Shaft		1

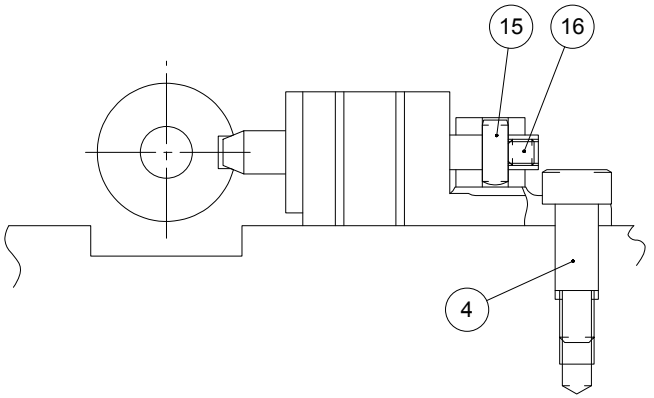


(1) Brake ASSY

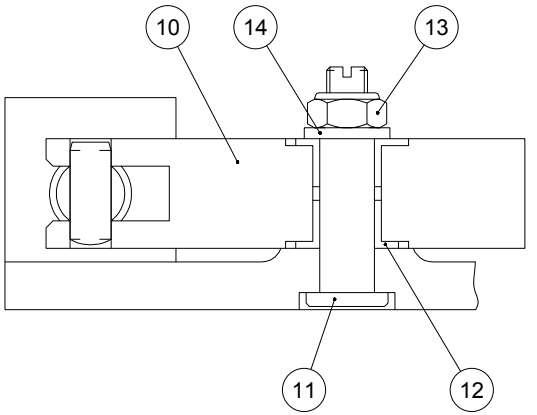
7401750--G



VIEW A



VIEW B



SECTION C-C

7401750--G

Unit No. 368 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

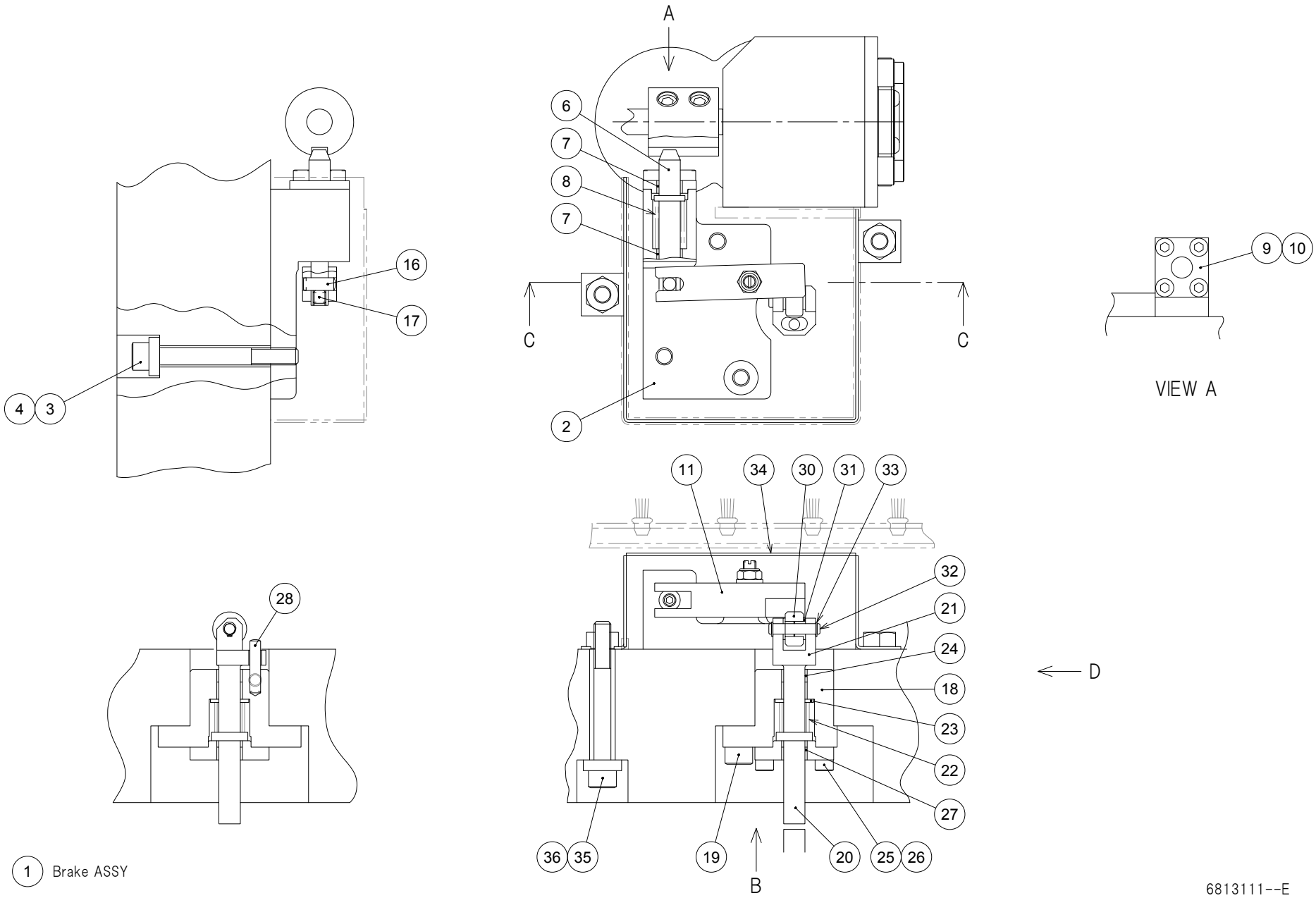
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900327 7401750--G	Brake ASSY	Index 2-32	2
2	74561489 7401751 B	Brake Bracket U		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
4	74322526 P338134004	Shoulder Screw MISUMI	MSB10-20	1
5	74566465 6501983 B	Brake Pin		1
6	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
7	74322010 6501985	Brake Spring 1		1
8	74322309 6501984	Cap		1
9	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
10	74562624 6501986 D	Lever		1
11	74322237 6501987 A	Pin 1		1
12	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2

Unit No. 368 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74387845 P337020270	Parallel Pin JIS	A-6X15	1
16	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
17	74387610 7401752	Brake Case U		1
18	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
19	74322112 6501989	Brake Rod U 1		1
20	74900328 7401753--C	Brake Rod U 2		1
21	74322011 6501991	Brake Spring 2		1
22	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
23	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
24	74322310 6501993	Cap U		1

Unit No. 368 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300614	Hex Socket Cap Screw	M5X12	2
	P330210004	JIS		
26	74570154	Bushing	DUB1006	1
	P407003201	DAIDO METAL		
27	74900653	Parallel Pin	A-5X25	1
	P337020273	JIS		
28	74305504	Socket Set Screw	M6X6(Flat Type)	1
	P330550024	JIS		
29	74562625	Roller		1
	6501998 A			
30	74570157	Bushing	DUF0504-10	2
	P407013073	DAIDO METAL		
31	74900321	Pin 2		1
	6501992--C			
32	74160219	Locating Snap Ring	STW-5	2
	P406108136	OCHIAI		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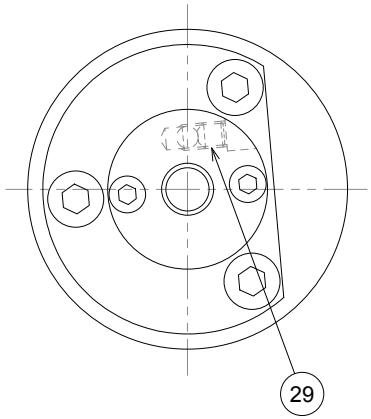
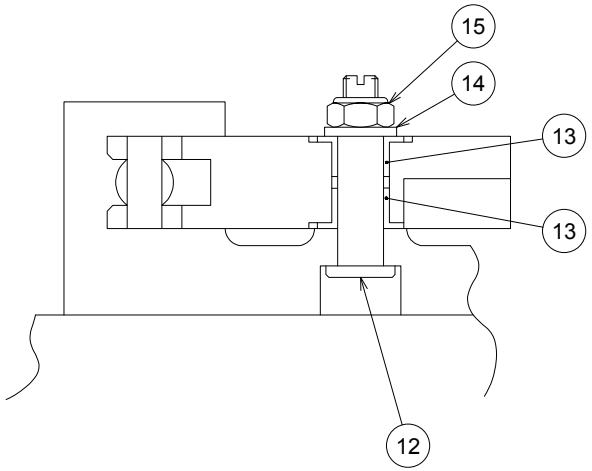
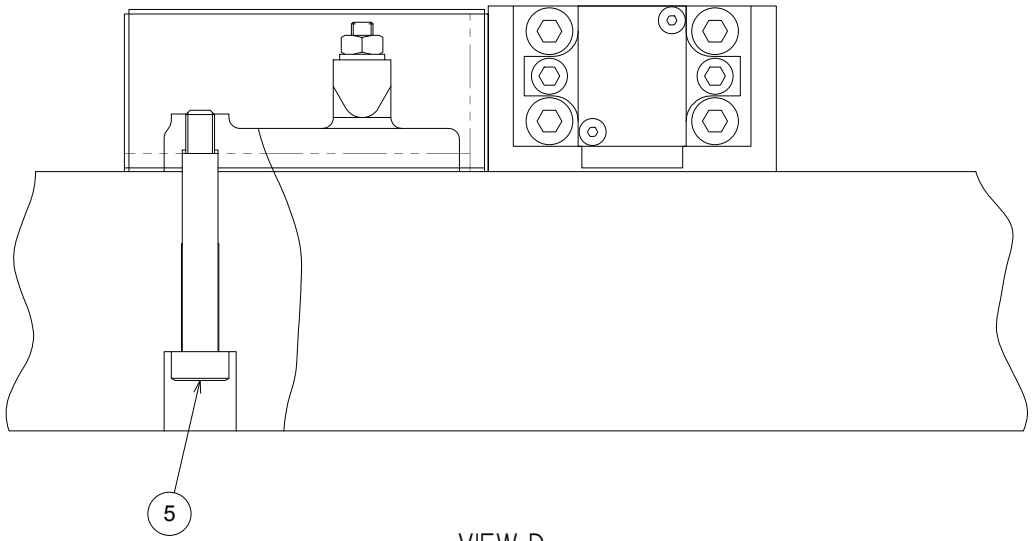
1 Brake ASSY
6813111--E



VIEW B



SECTION C-C



VIEW D

6813111--E

Unit No. 369 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

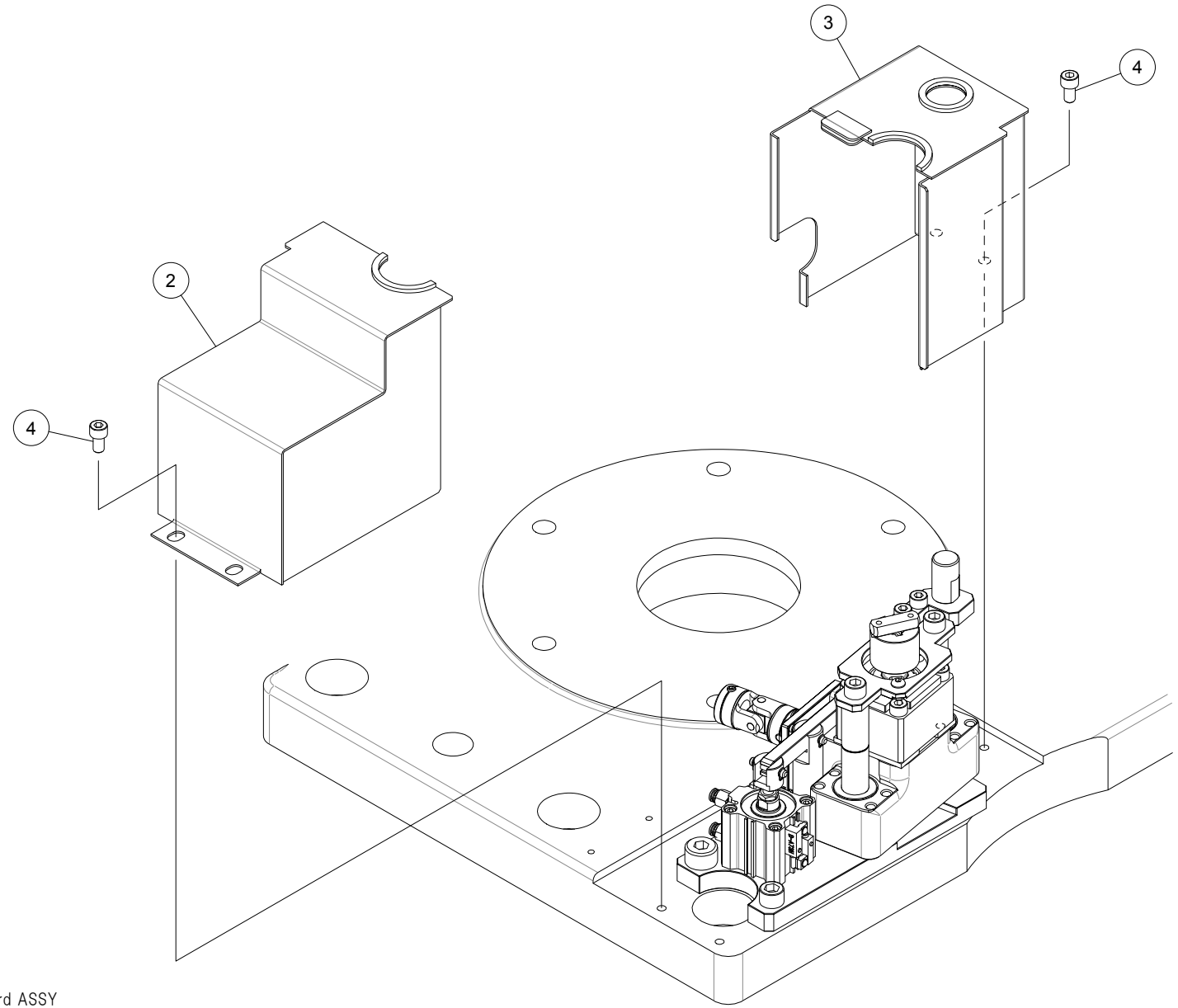
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6813111--E	Brake ASSY	Index 2-36	4
2	74900329 7401771--D	Brake Bracket L		1
3	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
4	74314204 0827367	Washer M8		2
5	74304023 P338134007	Shoulder Screw MISUMI	MSB10-55	1
6	74566465 6501983 B	Brake Pin		1
7	74570154 P407003201	Bushing DAIDO METAL	DUB1006	2
8	74322010 6501985	Brake Spring 1		1
9	74322309 6501984	Cap		1
10	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
11	74562624 6501986 D	Lever		1
12	74322237 6501987 A	Pin 1		1

Unit No. 369 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570155 P407013039	Bushing DAIDO METAL	DUF0806-15	2
14	74159714 P336000005	Washer JIS	6(Normal)	1
15	74716227 P332505003	Lock Nut FUJI SEIMITSU	M6X1.0(Type-2)-SS400	1
16	74387845 P337020270	Parallel Pin JIS	A-6X15	1
17	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
18	74387616 7401772	Brake Case L		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	3
20	74570162 6813133	Brake Rod L 1		1
21	74900330 7401773--B	Brake Rod L 2		1
22	74322011 6501991	Brake Spring 2		1
23	74570156 P407023021	Bushing DAIDO METAL	DUT08	1
24	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1

Unit No. 369 Turret AI(40ST-2AI)D-1/2"AI <Brake ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74322311 6501997	Cap L		1
26	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
27	74570154 P407003201	Bushing DAIDO METAL	DUB1006	1
28	74900653 P337020273	Parallel Pin JIS	A-5X25	1
29	74183121 P330603005	Socket Set Screw SPS/UNBRAKO	M6X6(Knurled Cup Point)	1
30	74562625 6501998 A	Roller		1
31	74570157 P407013073	Bushing DAIDO METAL	DUF0504-10	2
32	74900321 6501992--C	Pin 2		1
33	74160219 P406108136	Locating Snap Ring OCHIAI	STW-5	2
34	74903478 7401774--A	Scrap Guard		1
35	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
36	74314204 0827367	Washer M8		2

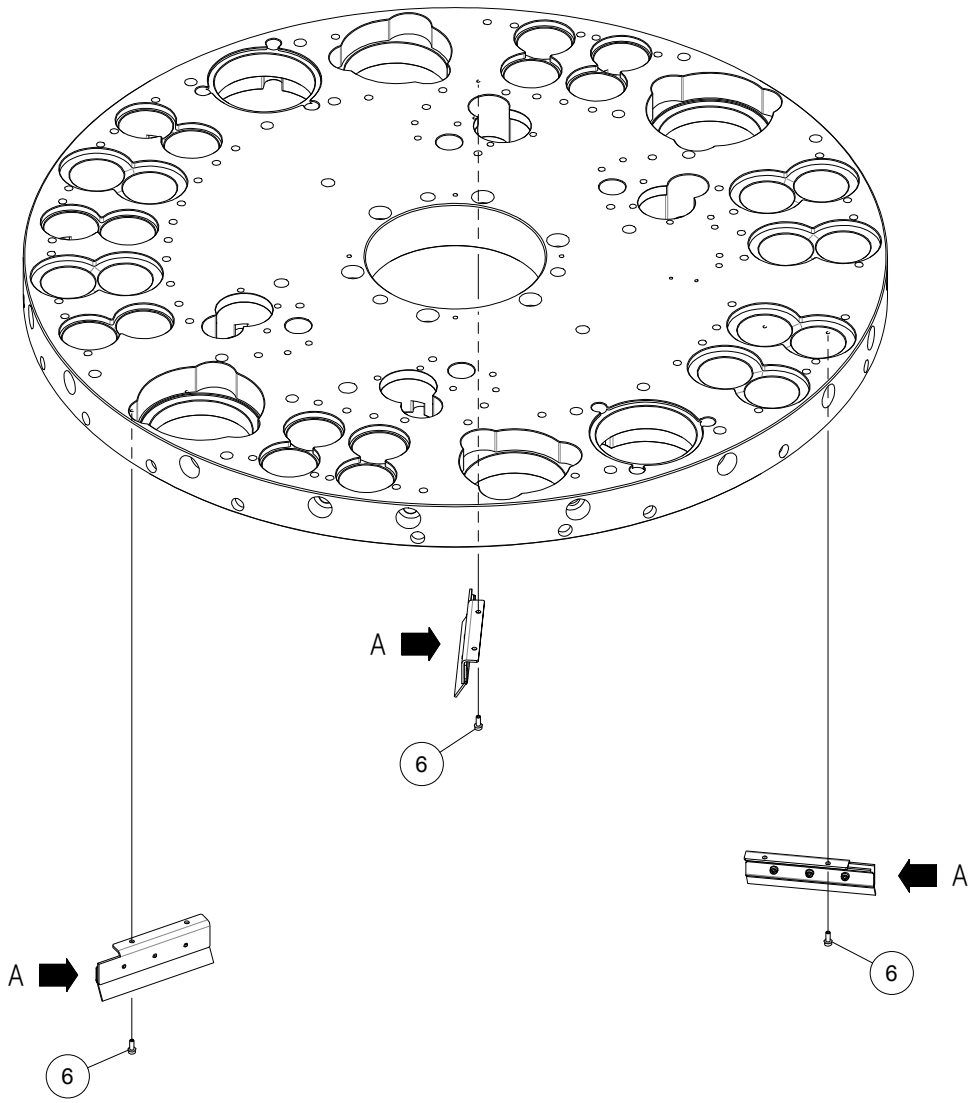


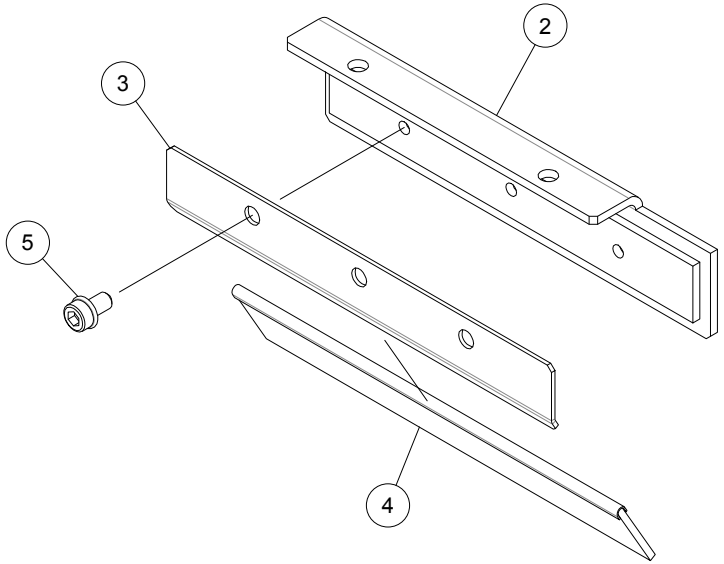
(1) Scrap Guard ASSY

MA00605---

Unit No. 370 Turret AI(40ST-2AI)D-1/2"AI <Scrap Guard ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00605---	Scrap Guard ASSY	Index 2-4	1
2	74900404 MA00728--A	Scrap Guard 1		1
3	74900405 MA00729--A	Scrap Guard 2		1
4	74183620 P330230004	Hex Socket Cap Screw	M8X15	5





DETAIL A

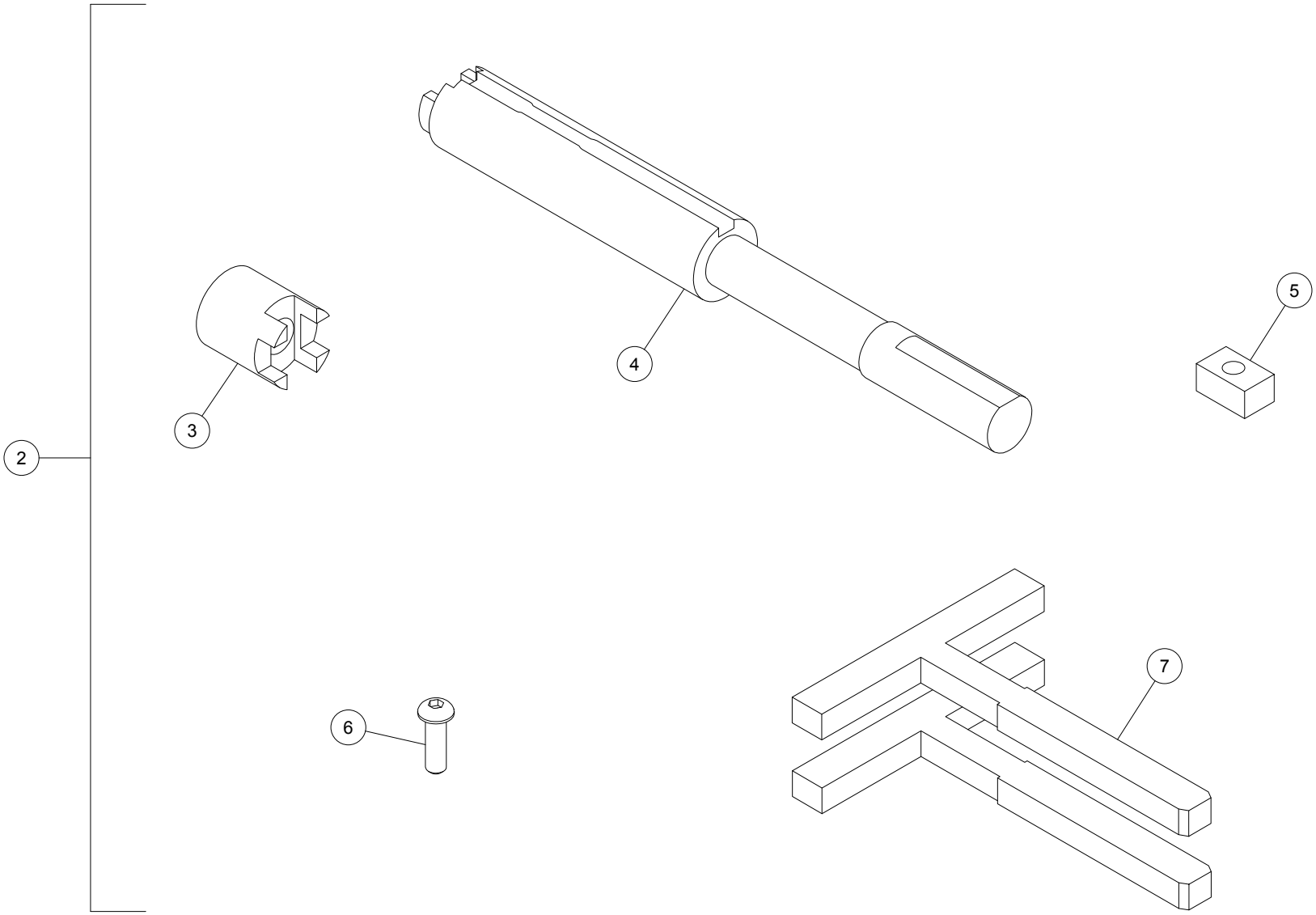
(1) Scraper ASSY

MA00606---

Unit No. 371 Turret AI(40ST-2AI)D-1/2"AI <Scraper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900372 / MA00606---	Scraper ASSY	Index 2-6	1
2	74900432 / MA01078--A	Bracket 1		3
3	74900433 / MA01079---	Bracket 2		3
4	74900427 / MA01060---	Brush		3
5	74776775 / P330468015	Flange Socket Bolt / NISSAN NEJI	M6X10	9
6	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	6

Unit No. 372 Turret AI(40ST-2AI)D-1/2"AI <1/2" T Jig ASSY>



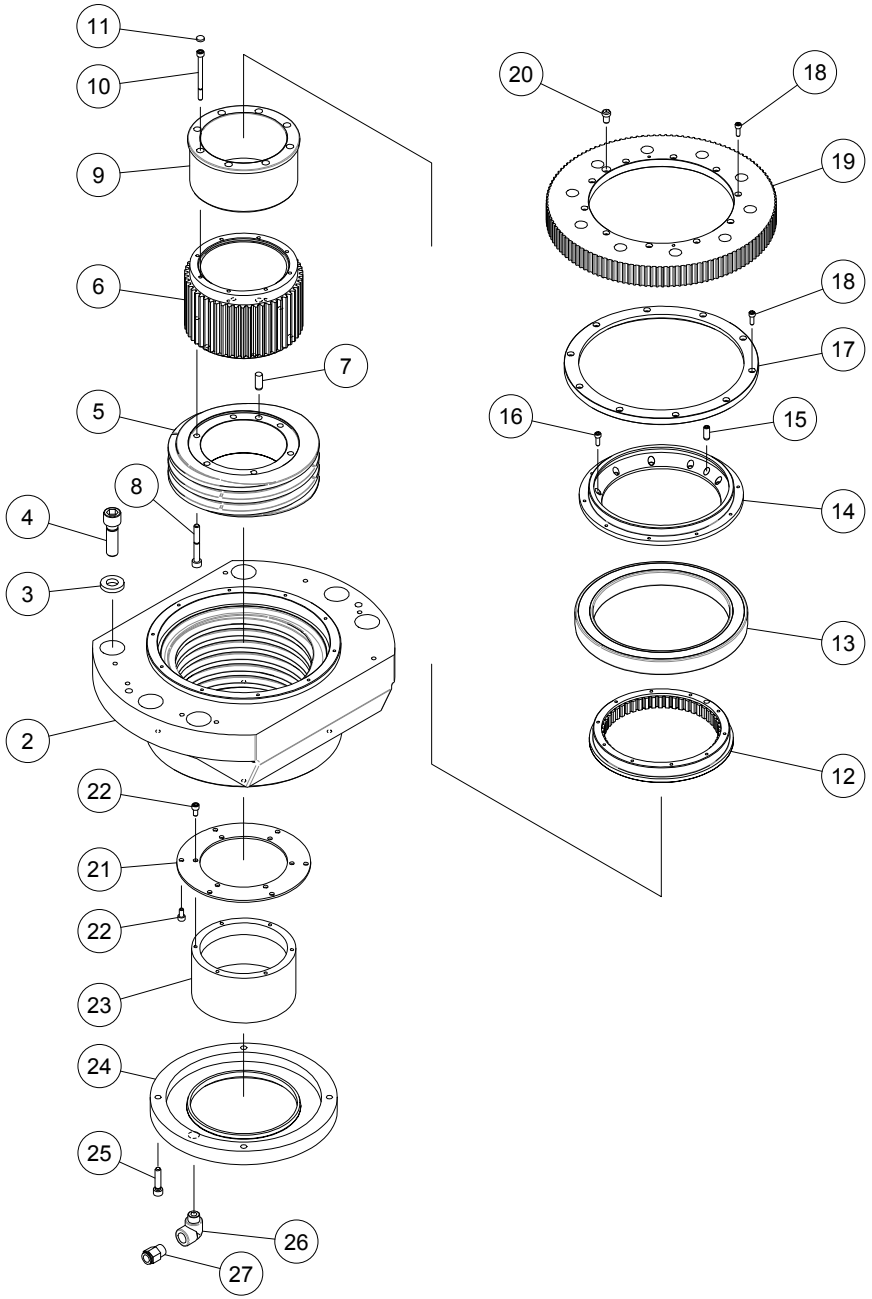
1 1/2″ T Jig ASSY

6824268

Unit No. 372 Turret AI(40ST-2AI)D-1/2"AI <1/2" T Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6824268	1/2" T Jig ASSY	Index 2-7	1
2	74901435 / 6824190	1/2" Center Setting Jig ASSY	Index 3-7	1
3	74901436 / 6824191	Die Jig 1/2"		1
4	74901437 / 6824192	Punch Jig 1/2"		1
5	74901438 / 6824193	Key 1/2"		1
6	74314603 / P334500016	Button Head Screw	M6X20	1
7	74901439 / 6824194	T-type Jig 1/2"		2

Unit No. 373 Upper and Lower Die <Die Lifter ASSY>



(1) Die Lifter ASSY

MA00240--C

Unit No. 373 Upper and Lower Die <Die Lifter ASSY>

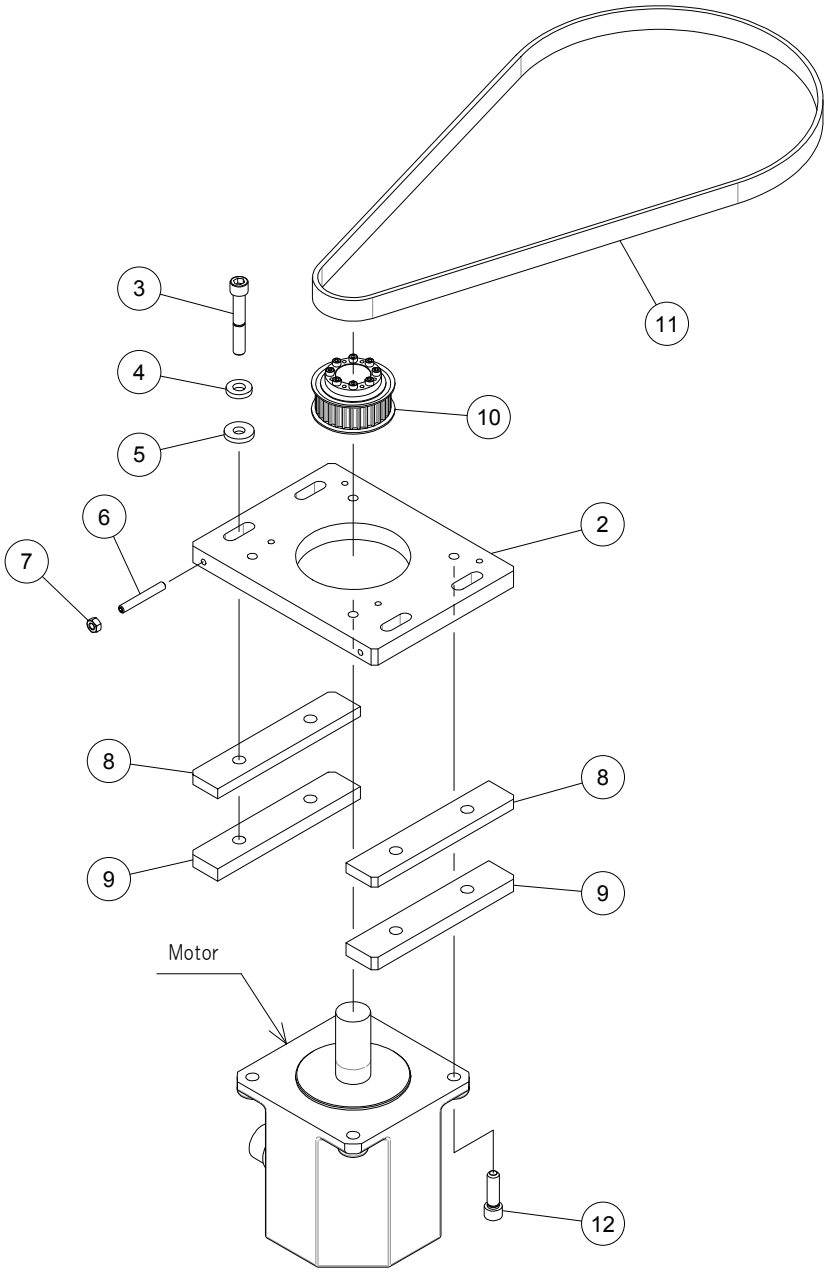
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900226 MA00240--C	Die Lifter ASSY	Index 2-27	1
2	74900244 MA01067--A	Screw Housing		1
3	74470270 0825718 B	Washer M16		6
4	74377038 P330260035	Hex Socket Cap Screw	M16X55	6
5	74900245 MA01069--A	Screw		1
6	74900230 MA00723---	Spline		1
7	74900623 P337020262	Parallel Pin JIS	A-10X25	1
8	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
9	74900231 MA00724--A	Lift Ram		1
10	74900621 P330220021	Hex Socket Cap Screw MOURI	M6X75	8
11	74900522 P229138017	Blind Plug THK	C6	8
12	74900227 MA00243--A	Spline Hub		1

Unit No. 373 Upper and Lower Die <Die Lifter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74470176 P400010764	Deep Groove Ball Bearing NSK(equality)	6838VV	1
14	74900316 MA04155--A	Bearing Holder Du Inside		1
15	74900624 P337054022	Parallel Pin MISUMI	MSTM8-20	1
16	74314403 P330210006	Hex Socket Cap Screw	M5X15	10
17	74900228 MA00244---	Bearing Holder Du Outside		1
18	74314403 P330210006	Hex Socket Cap Screw	M5X15	20
19	74900223 7831363---	Timing Pulley TSUBAKIMOTO CHAIN	PT126P8M25A	1
20	74570197 P337104017	Locating Pin MISUMI	JPDTA8-12	1
21	74900246 MA01075--A	Oil Flange		1
22	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	12
23	74900248 MA01077--B	Pipe		1
24	74900247 MA01076--A	Oil Catch		1

Unit No. 373 Upper and Lower Die <Die Lifter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183625 P330230009	Hex Socket Cap Screw	M8X35	4
26	74309830 P580052004	Elbow IHARA Science	SLC03-000J	1
27	74731843 P586538078	One Touch Fitting CKD	GWS12-10	1

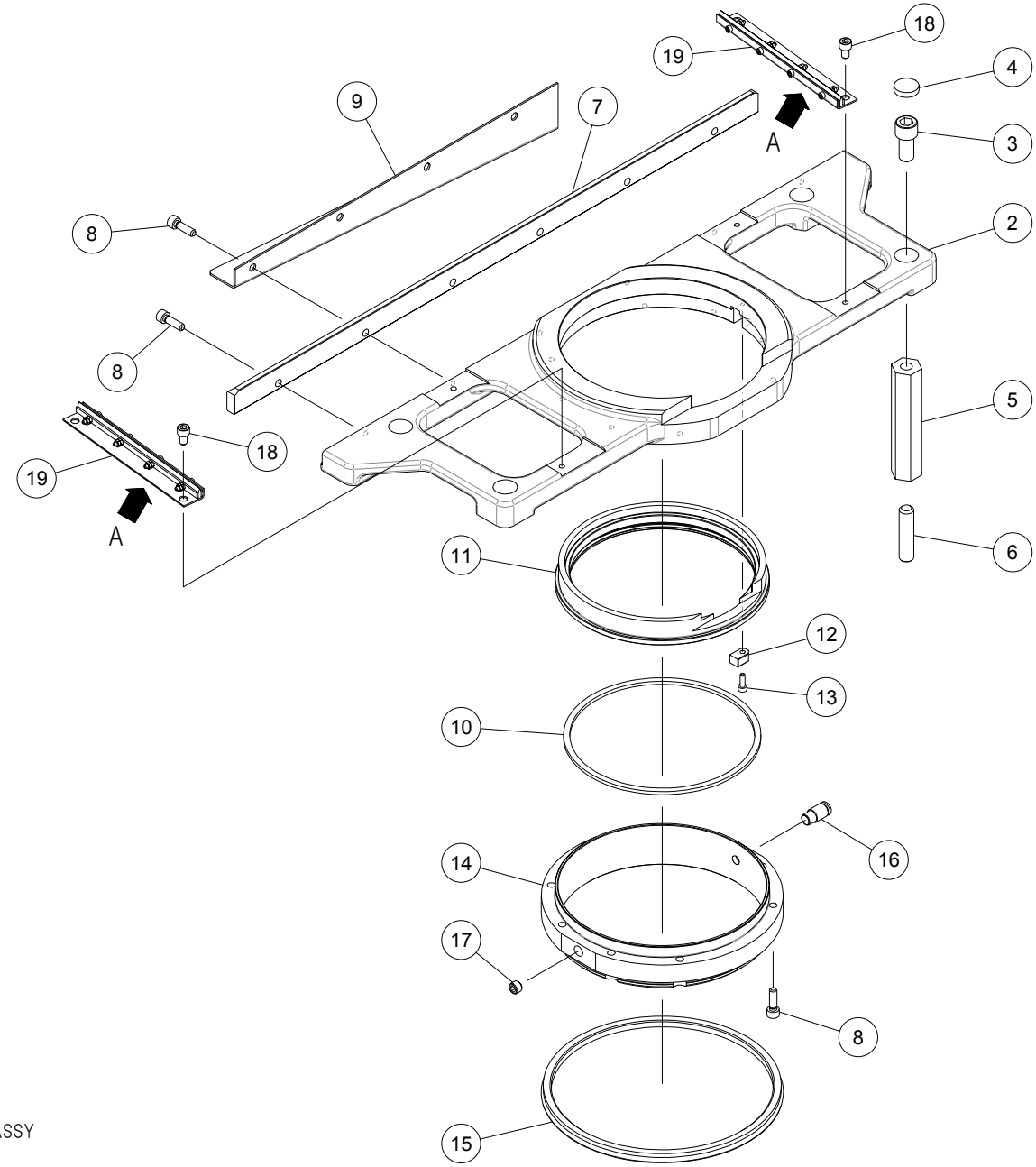


(1) DU Drive ASSY

MA00248--A

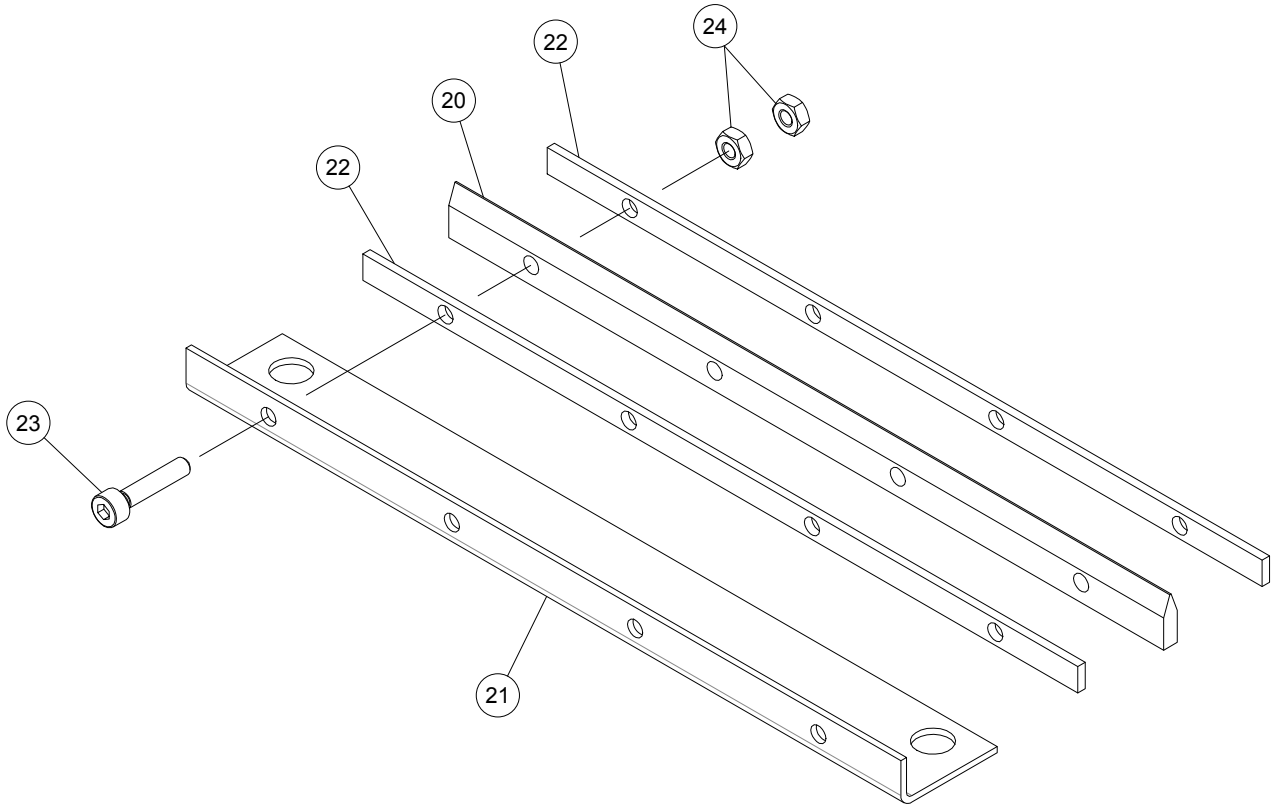
Unit No. 374 Upper and Lower Die <DU Drive ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00248--A	DU Drive ASSY	Index 2-12	1
2	74900229 MA00249--A	Motor Base		1
3	74306324 P330250014	Hex Socket Cap Screw MOURI	M12X75	4
4	74165310 0827014 B	Washer M12		4
5	74900622 P336238710	Washer MISUMI	WSJN-30-12-5	4
6	74564980 P330550154	Socket Set Screw MOURI	M8X60(Flat Type)	2
7	74776796 P332000005	Nut JIS	M8	2
8	74900317 MA04156---	Motor Base Bar A		2
9	74900318 MA04157---	Motor Base Bar B		2
10	74900628 P429004074	Pulley TSUBAKIMOTO CHAIN	30UP8M25AF-SS4835	1
11	74900619 P225148151	Synchronous Belt TSUBAKIMOTO CHAIN	BG1520UP8M25-HC	1
12	74183704 P330250007	Hex Socket Cap Screw	M12X40	4



(1) Attachment Base ASSY

MA03106---



DETAIL A

(19) Wiper ASSY

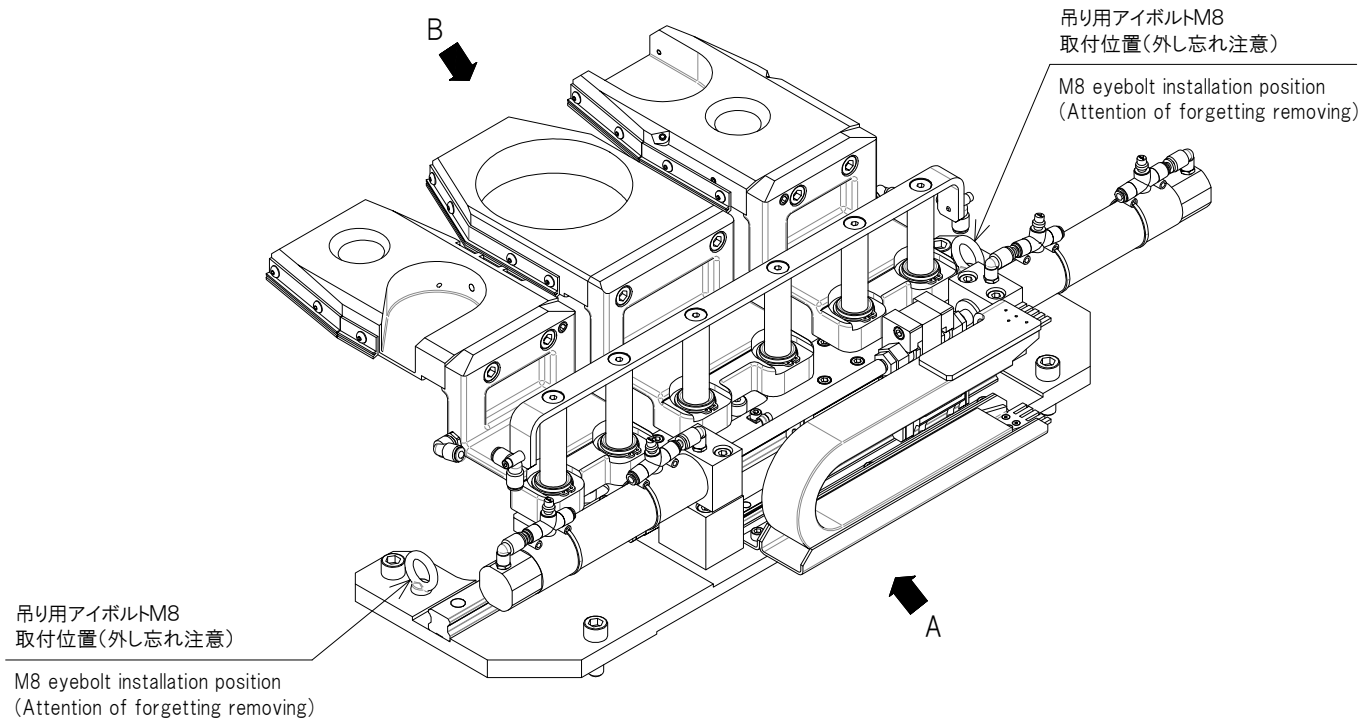
MA00773--B

Unit No. 375 Upper and Lower Die <Attachment Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03106---	Attachment Base ASSY	Index 2-24	1
2	74402974 MA03107--A	Attachment Base		1
3	74183654 P330250004	Hex Socket Cap Screw	M12X25	4
4	74382778 P229138016	Blind Plug THK	C12	4
5	74900314 MA03108---	Base Stud		4
6	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	4
7	74900232 MA00736--A	Guide Bar		1
8	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	14
9	74900289 MA01448---	Dust Cover		1
10	74900225 MA00145---	Soft Wiper		1
11	74900257 MA01386---	DU Ram Bush		1
12	74900224 MA00141---	Ram Bush Key		1

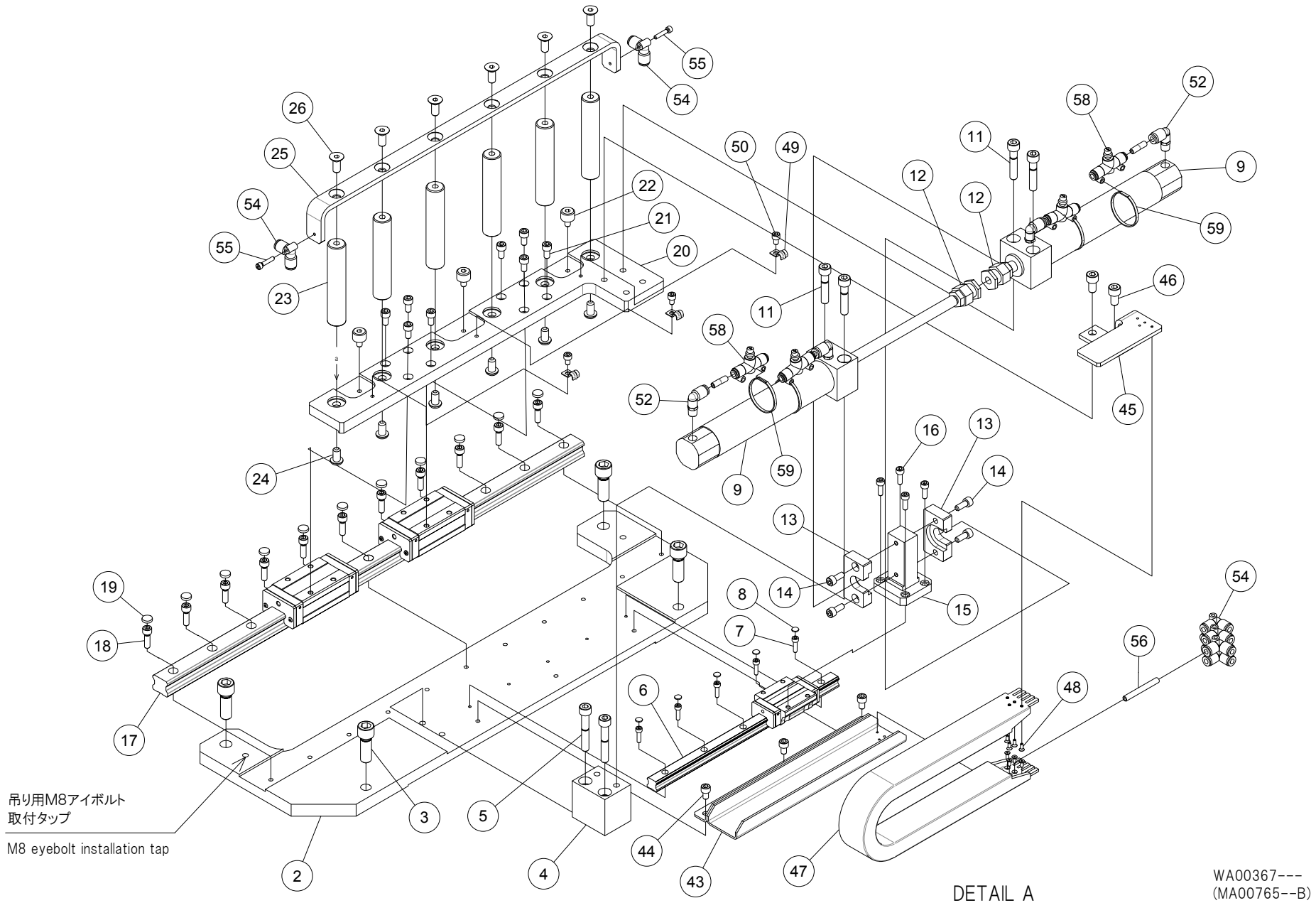
Unit No. 375 Upper and Lower Die <Attachment Base ASSY>

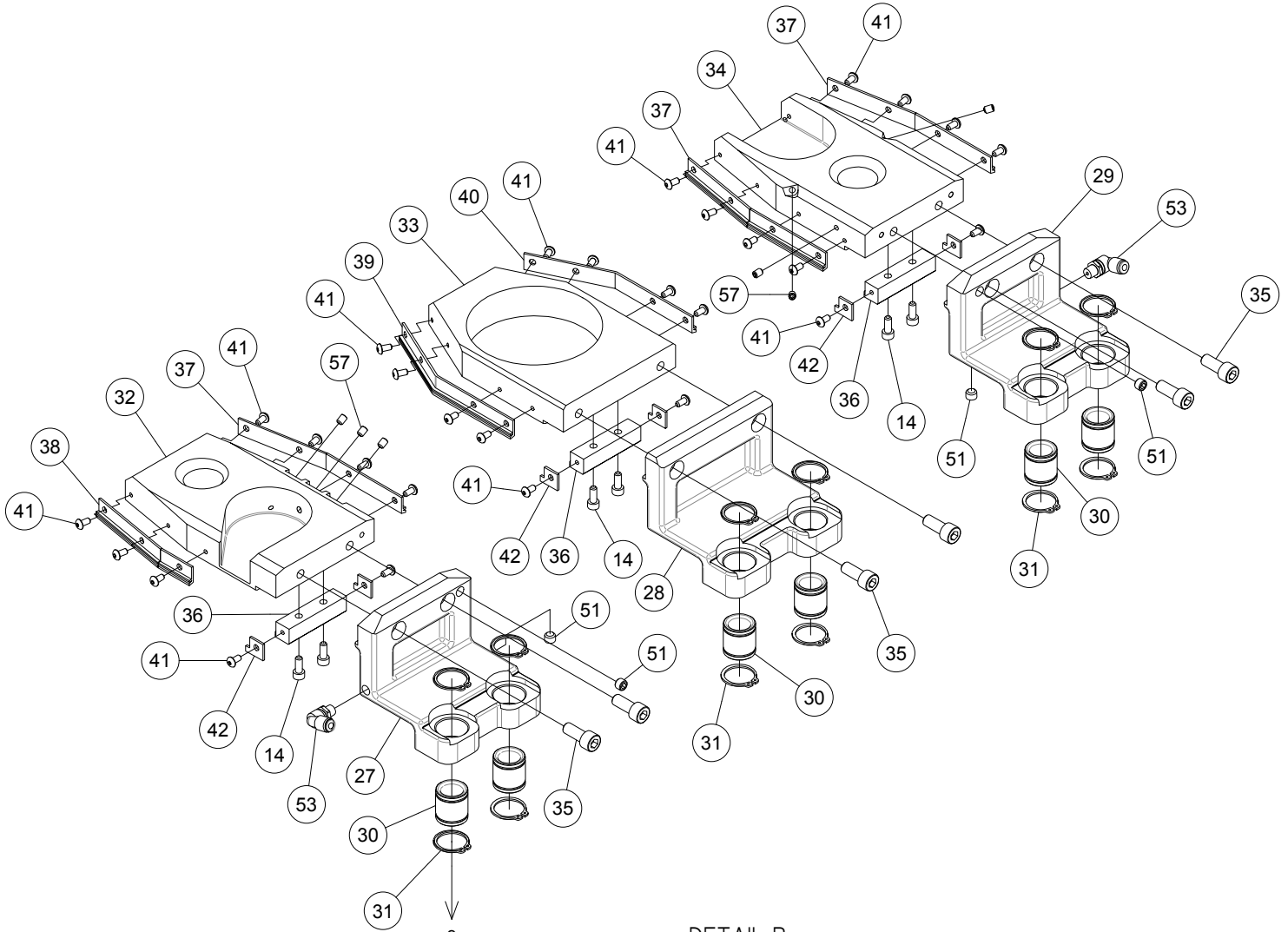
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	1
14	74900315 MA04153---	Lift Ram Guide Ring		1
15	74900642 P590178001	Oil Seal TRELLEBORG	TWVL01800-N6T50	1
16	74900639 P586533093	One Touch Fitting SMC	KQ2S06-01S	1
17	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1
18	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
19	74900242 MA00773--B	Wiper ASSY	Index 20-24	2
20	74900243 MA00775---	Wiper 2		1
21	74900240 MA00770---	Wiper Bracket		1
22	74900241 MA00772---	Plate		2
23	74319101 P330200006	Hex Socket Cap Screw	M3X15	4
24	74183201 P332000001	Nut JIS	M3	8



(1) Attachment Selector ASSY

WA00367---
(MA00765--B)


吊り用M8アイボルト
取付タップ
M8 eyebolt installation tap
DETAIL A
WA00367---
(MA00765--B)



DETAIL B

WA00367---
(MA00765--B)

Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00367---	Attachment Selector ASSY	Index 2-61	1
2	74900259 MA01396--A	Carriage Base		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	4
4	74900234 MA00746---	Cylinder Base		1
5	74183630 P330230012	Hex Socket Cap Screw	M8X50	2
6	74900631 P446062343	LM Guide THK	SHS15C1DD+280L	1
7	74183601 P330200018	Hex Socket Cap Screw	M4X15	5
8	74900620 P229138084	Blind Plug THK	C4	5
9	74900635 P550012968	Pneumatic Cylinder SMC	CDM2RA32-160A-A93L with Index 10	2
10	74900611 P829008014	Proximity Switch SMC	A93L (Lead Wire 3m)	2
11	74183627 P330230010	Hex Socket Cap Screw	M8X40	4
12	74900626 P409208030	Floating Joint MISUMI	FJR10-1.25-8	2

Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900627 P409708006	Holder MISUMI	HLRA16	2
14	74183608 P330220006	Hex Socket Cap Screw	M6X15	10
15	74900233 MA00745---	Cylinder Support		1
16	74314403 P330210006	Hex Socket Cap Screw	M5X15	4
17	74900630 P446062337	LM Guide THK	SHS25V2DD+640L	1
18	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	11
19	74900522 P229138017	Blind Plug THK	C6	11
20	74900258 MA01395---	Carriage		1
21	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	8
22	74900625 P338098078	Stopper Bolt MISUMI	UNAH6-10	3
23	74900633 P446207167	Guide Bar MISUMI	VFJW20-104-M8-N8	6
24	74183315 P334500019	Button Head Screw	M8X15	6

Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900266 MA01408---	Shaft Support		1
26	74387802 P334520023	Flat Head Bolt NISSAN NEJI	M8X20	6
27	74402975 MA00762--C	Attachment Bracket 100		1
28	74402976 MA00763--C	Attachment Bracket 200		1
29	74402977 MA00764--C	Attachment Bracket 300		1
30	74900236 MA00760---	Bush A		6
31	74379393 P406108047	Locating Snap Ring OCHIAI	STW-28	12
32	74900311 MA03104--A	Attachment 100		1
33	74900249 MA01330--A	Attachment 200		1
34	74900312 MA03105---	Attachment 300		1
35	74183636 P330240007	Hex Socket Cap Screw	M10X25	6
36	74900235 MA00752---	Attachment Hook		3

Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

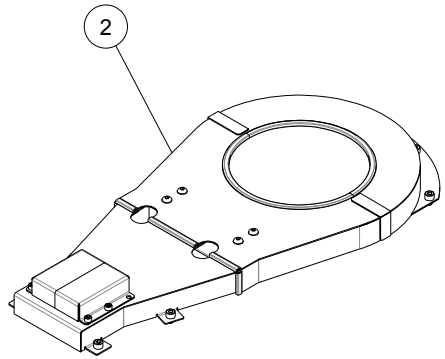
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900260 MA01397--A	Scraper A	LR-3S	3
38	74900303 MA02037---	Scraper D	LR-3S	1
39	74900263 MA01402--A	Scraper C L	LR-3S	1
40	74900264 MA01403--A	Scraper C R	LR-3S	1
41	74183301 P334500009	Button Head Screw	M5X10	29
42	74900250 MA01331---	Scraper B		6
43	74900262 MA01400---	Cable Carrier Bracket B		1
44	74776743 P330220003	Hex Socket Cap Screw	M6X10	3
45	74900261 MA01399--B	Cable Carrier Bracket A		1
46	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
47	74900629 P444002572	Cable Movable Guard Captain Industries	Z08-30-038-0-17	1
48	74776834 P334520043	Flat Head Bolt NISSAN NEJI	M3X8	8

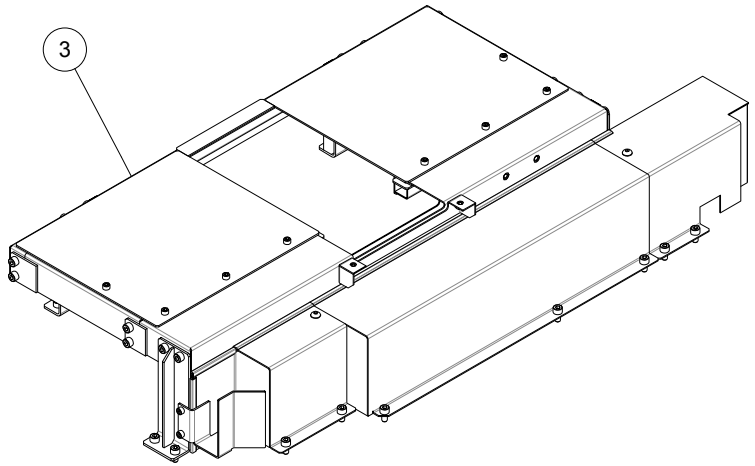
Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

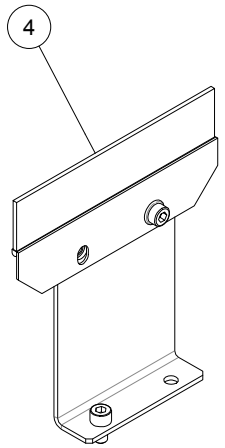
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74314525 P381017024	Saddle for Conduit DAIWA DENGYO	PZ0106	3
50	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	3
51	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	4
52	74613236 P586563145	One Touch Fitting SMC	KQ2V06-01S	4
53	74900593 P586563113	One Touch Fitting SMC	KSL06-01S	2
54	74777039 P586563165	One Touch Fitting SMC	KQ2L06-00	8
55	74183602 P330200021	Hex Socket Cap Screw	M4X20	2
56	74900790 P230222082	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-8M	1
57	74183123 P330550025	Socket Set Screw JIS	M6X8(Flat Point)	6
58	74776962 P555004046	Air Flow Control Valve CKD	SCL2-06-H66	4
59	74307821 P381058012	Cable Band SHIBAKEI	CV-150N	4
60	74900304 MA02582--A	Cable Add Works DU-2	(SQ484SQ485)	1

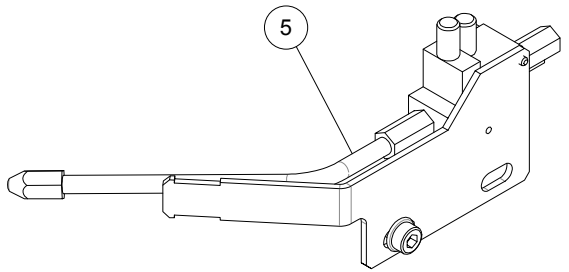
Unit No. 376 Upper and Lower Die <Attachment Selector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900305 MA02583--A	Cable Add Works DU-3	(SQ486SQ487)	1









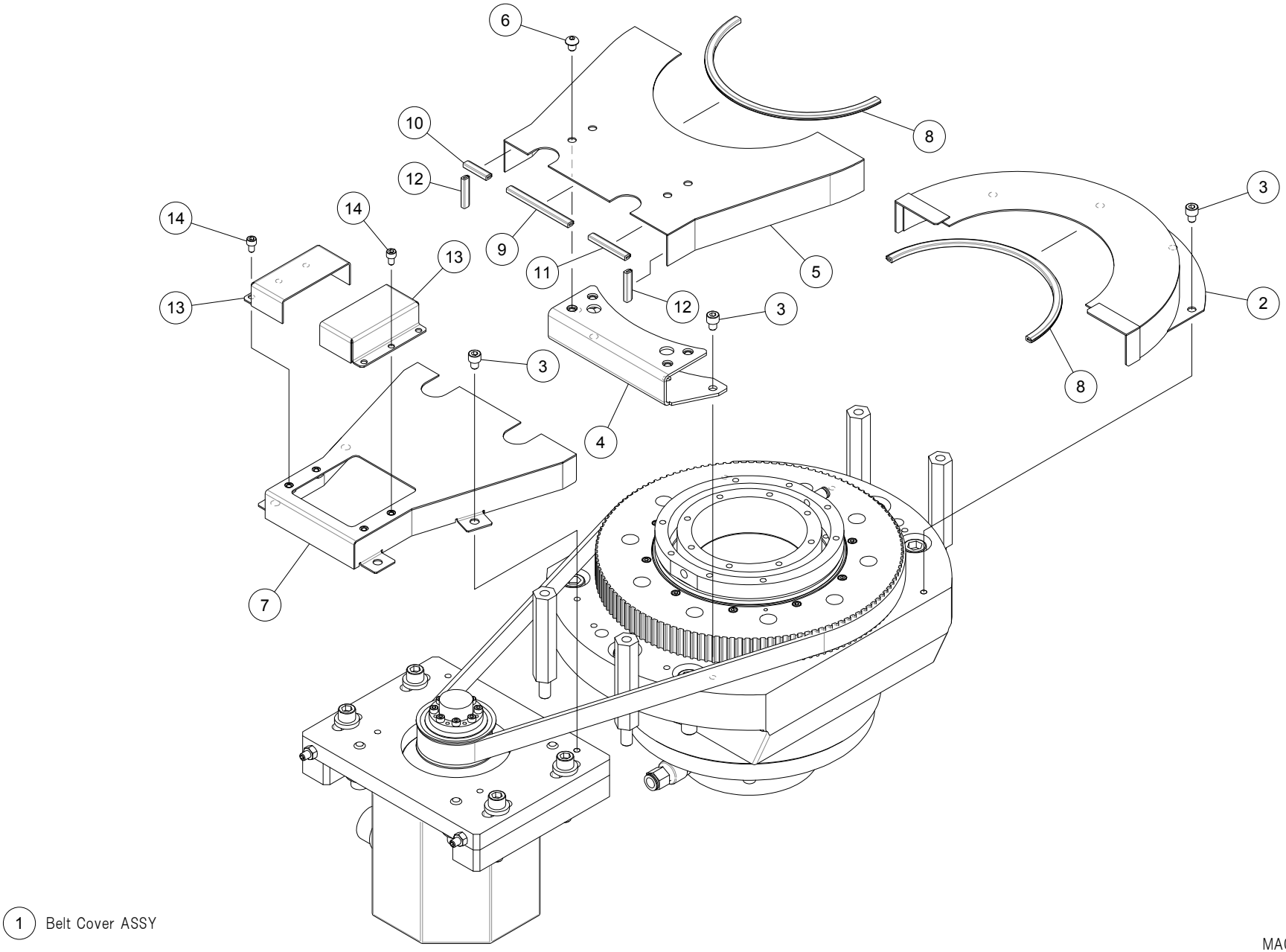
(1) Attachment Cover Total ASSY

WA00368---

Unit No. 377 Upper and Lower Die <Attachment Cover Total ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00368---	Attachment Cover Total ASSY	Index 2-6	1
2	MA01420--A	Belt Cover ASSY		1
3	MA01430--A	Selector Cover ASSY		1
4	MA01460---	Guard Brush ASSY		2
5	MA01405--A	Attachment Lubrication ASSY		1
6	WA00369---	Cover Shutter ASSY	List Only	1

Unit No. 378 Upper and Lower Die <Belt Cover ASSY>



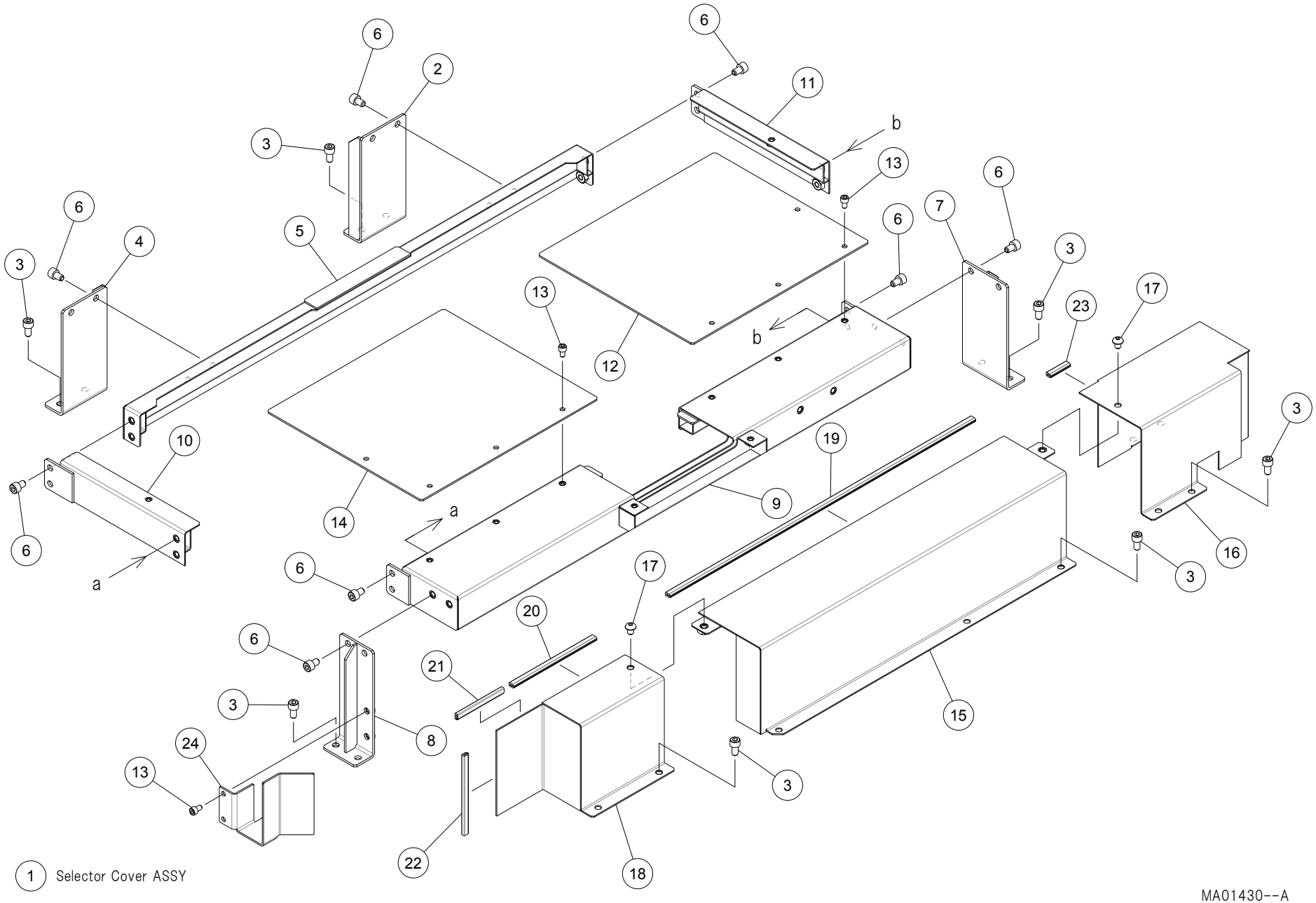
Unit No. 378 Upper and Lower Die <Belt Cover ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA01420--A	Belt Cover ASSY	 Index 2-14	1
2	74900267 MA01421---	Pulley Cover A		1
3	74354330 P330230001	Hex Socket Cap Screw	M8X10	12
4	74900269 MA01423---	Pulley Cover Bracket		1
5	74900268 MA01422---	Pulley Cover B		1
6	74300627 P334500017	Button Head Screw	M8X10	4
7	74900301 MA02033---	Motor Cover A		1
8	74900270 MA01425---	Rubber Packing 1		2
9	74900271 MA01426---	Rubber Packing 2		1
10	74900272 MA01427---	Rubber Packing 3		1
11	74900273 MA01428---	Rubber Packing 4		1
12	74900274 MA01429---	Rubber Packing 5		2

Unit No. 378 Upper and Lower Die <Belt Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900302 MA02034---	Motor Cover B		2
14	74776743 P330220003	Hex Socket Cap Screw	M6X10	4

Unit No. 379 Upper and Lower Die <Selector Cover ASSY>

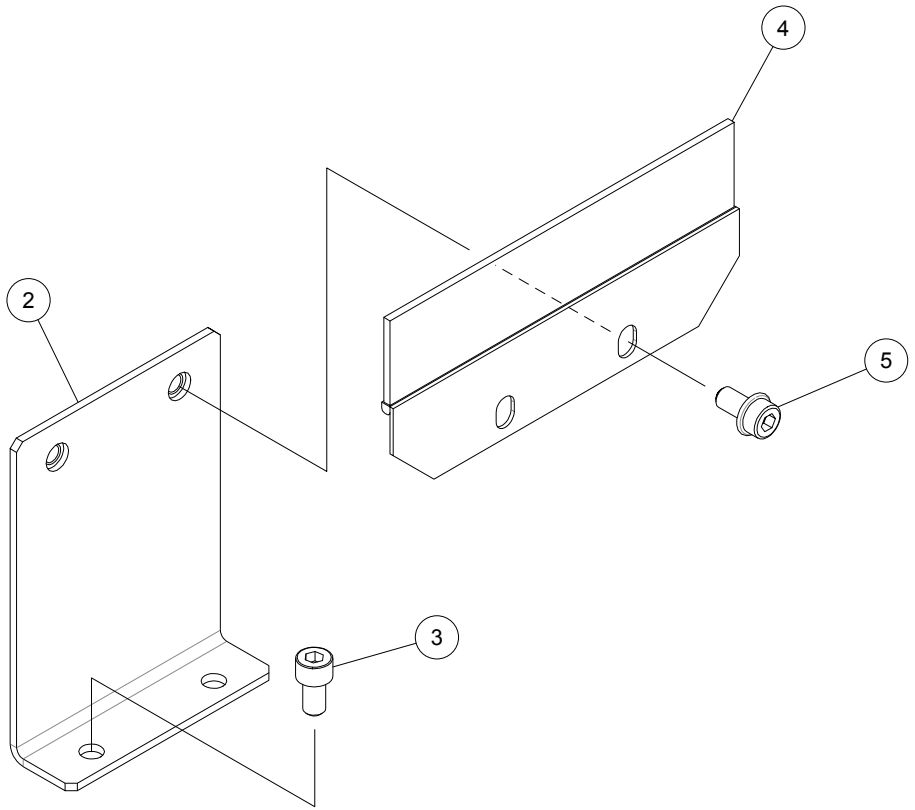


Unit No. 379 Upper and Lower Die <Selector Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ MA01430--A	Selector Cover ASSY /	/ Index 2-24	1
2	74900280 / MA01438---	Attachment Cover Bracket C /	/	1
3	74183620 / P330230004	Hex Socket Cap Screw /	M8X15 /	17
4	74900281 / MA01439---	Attachment Cover Bracket D /	/	1
5	74900275 / MA01432---	Attachment Cover B /	/	1
6	74183619 / P330230002	Hex Socket Cap Screw / JIS	M8X12 /	16
7	74900278 / MA01436---	Attachment Cover Bracket A /	/	1
8	74900279 / MA01437--A	Attachment Cover Bracket B /	/	1
9	74900254 / MA01335---	Attachment Cover A /	/	1
10	74900255 / MA01336---	Attachment Cover C-1 /	/	1
11	74900256 / MA01337---	Attachment Cover C-2 /	/	1
12	74900276 / MA01434---	Attachment Cover D /	/	1

Unit No. 379 Upper and Lower Die <Selector Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776743 P330220003	Hex Socket Cap Screw	M6X10	10
14	74900277 MA01435---	Attachment Cover E		1
15	74900299 MA01467---	Selector Cover A		1
16	74402978 MA01441--B	Selector Cover B		1
17	74300627 P334500017	Button Head Screw	M8X10	2
18	74900283 MA01442---	Selector Cover C		1
19	74900284 MA01443---	Rubber Packing 6		1
20	74900285 MA01444---	Rubber Packing 7		1
21	74900286 MA01445---	Rubber Packing 8		1
22	74900287 MA01446---	Rubber Packing 9		1
23	74900288 MA01447---	Rubber Packing 10		1
24	74900300 MA02031---	Piping Support Bracket		1

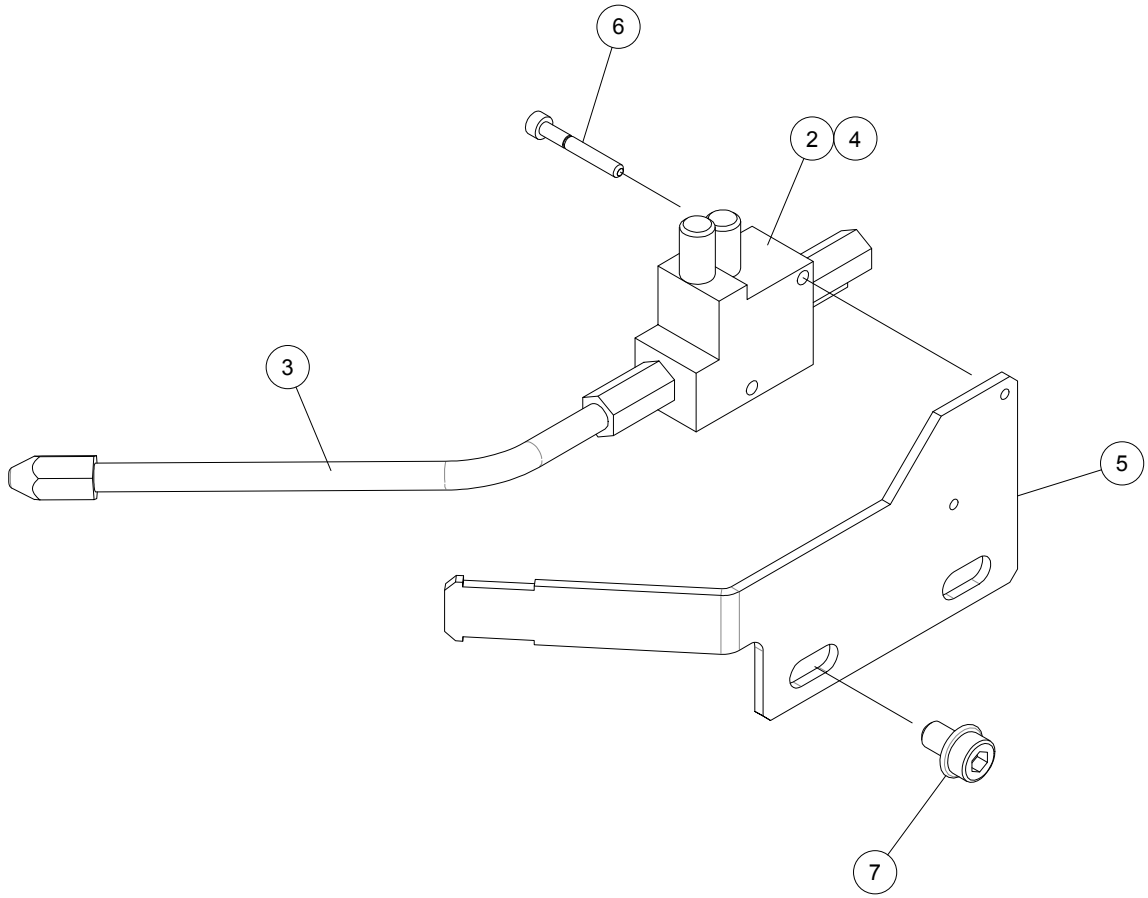


(1) Guard Brush ASSY

MA01460---

Unit No. 380 Upper and Lower Die <Guard Brush ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA01460---	Guard Brush ASSY 	 Index 2-5	2
2	74900295 MA01462---	Guard Brush Bracket 	 	1
3	74183620 P330230004	Hex Socket Cap Screw 	M8X15 	2
4	74900294 MA01461--A	Guard Brush 	 	1
5	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15 	2



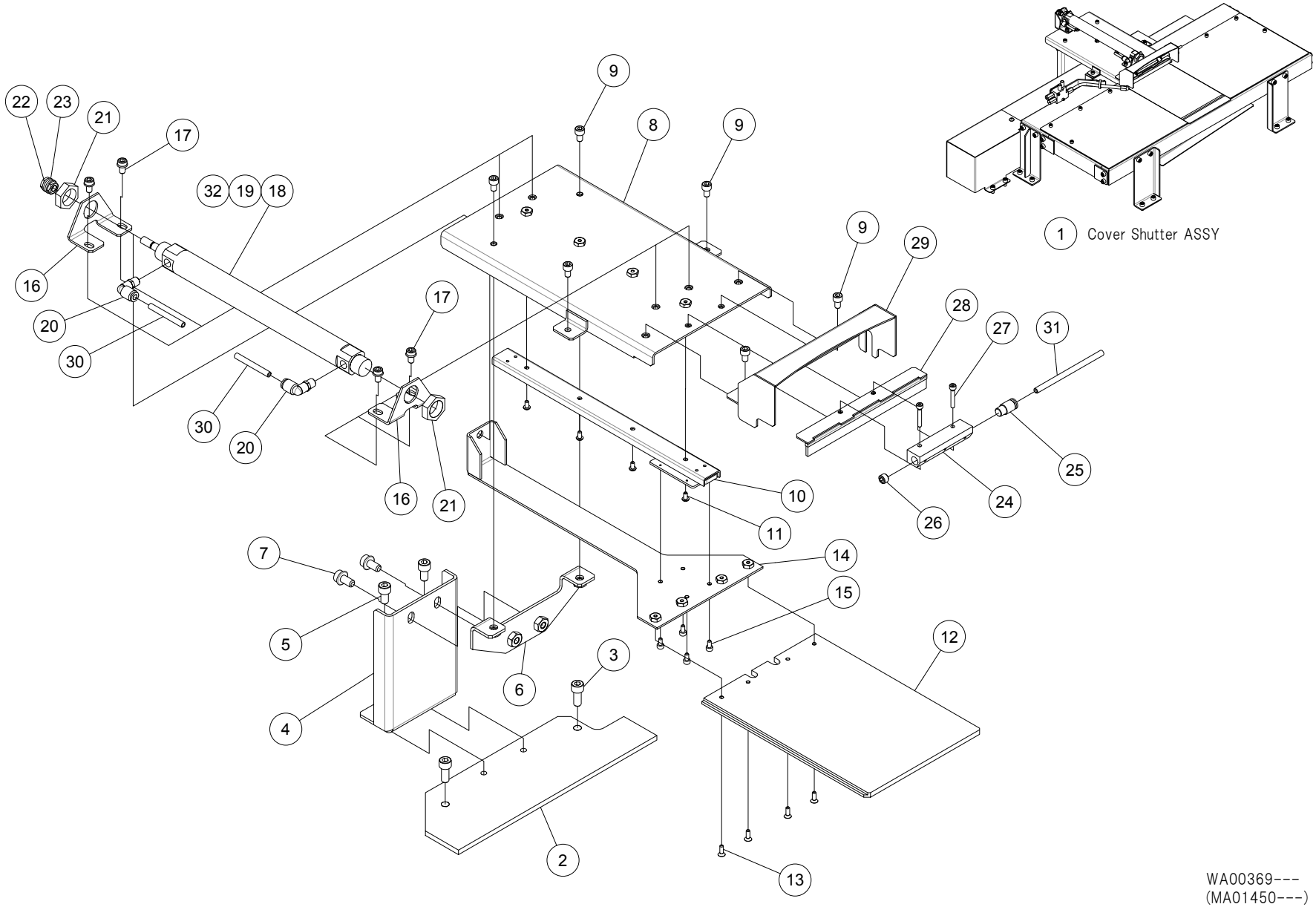
(1) Attachment Lubrication ASSY

MA01405--A

Unit No. 381 Upper and Lower Die <Attachment Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01405--A	Attachment Lubrication ASSY	Index 2-7	1
2	74900637 P560358002	Mixing Valve SMC	LMV220-20 with Index 34	1
3	74900638 P560478009	Copper Pipe Nozzle ASSY SMC	81023-31A-1	1
4	74900641 P590038086	O Ring SMC	123116-2	1
5	74900265 MA01407---	Mixing Valve Bracket		1
6	74183603 P330200023	Hex Socket Cap Screw	M4X30	2
7	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	2

Unit No. 382 Upper and Lower Die <Cover Shutter ASSY>



Unit No. 382 Upper and Lower Die <Cover Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00369---	Cover Shutter ASSY	Index 2-32	1
2	74900296 MA01463--A	Hole cap Plate		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	2
4	74900293 MA01459---	Cylinder Base Bracket B		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
6	74900292 MA01458---	Cylinder Base Bracket A		1
7	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
8	74900252 MA01333---	Cylinder Base		1
9	74776743 P330220003	Hex Socket Cap Screw	M6X10	6
10	74900632 P446122049	LM Guide THK	FBW2560XRUU+320L	1
11	74183304 P334500004	Button Head Screw JIS	M4X8	4
12	74900290 MA01451---	Shutter		1

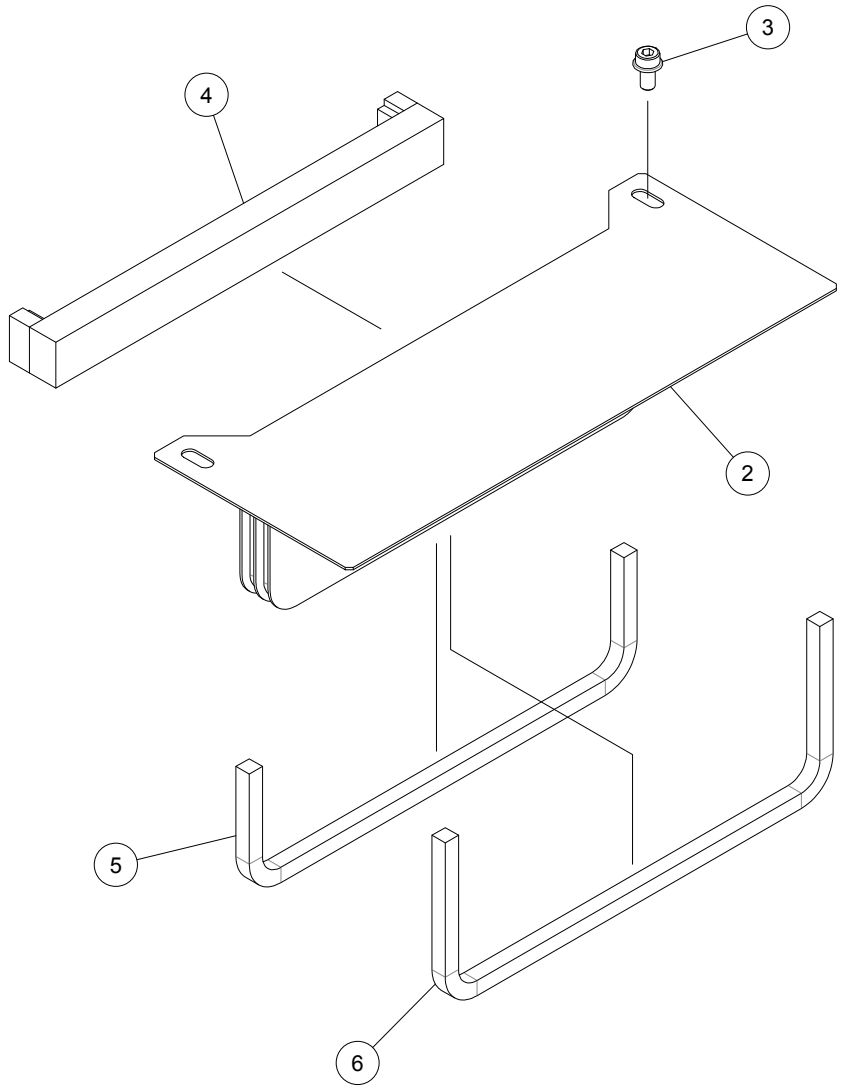
Unit No. 382 Upper and Lower Die <Cover Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74319110 P334520003	Flat Head Bolt NISSAN NEJI	M4X12	4
14	74900251 MA01332---	Shutter Bracket		1
15	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
16	74900297 MA01464---	Cylinder Bracket		2
17	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	4
18	74900634 P550012967	Pneumatic Cylinder SMC	CDM2B20-220A-A93L with Index 19	1
19	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m) SQ483SQ495	2
20	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	2
21	74900636 P550082079	Accessory for Air Cylinder SMC	SN-020B	2
22	74722743 P332000018	Nut JIS	M8(Thin)	2
23	74183103 P336050006	Spring Washer JIS	8	2
24	74900253 MA01334--B	Nozzle		1

Unit No. 382 Upper and Lower Die <Cover Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900639 P586533093	One Touch Fitting SMC	KQ2S06-01S	1
26	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1
27	74314402 P330200022	Hex Socket Cap Screw	M4X25	2
28	74900298 MA01465--A	Brush Guard		1
29	74900291 MA01457--B	Nozzle Cover		1
30	71345945 P230223146	Plastic Hose JUNKOSHA	SP4-06(Black)-1.5M	2
31	71345945 P230223287	Plastic Hose JUNKOSHA	SP4-06(Black)-1.2M	1
32	74900306 MA02605--A	Cable Add Works DU-25	(SQ483SQ495)	1

Unit No. 383 Upper and Lower Die <Du Seal Cover ASSY>

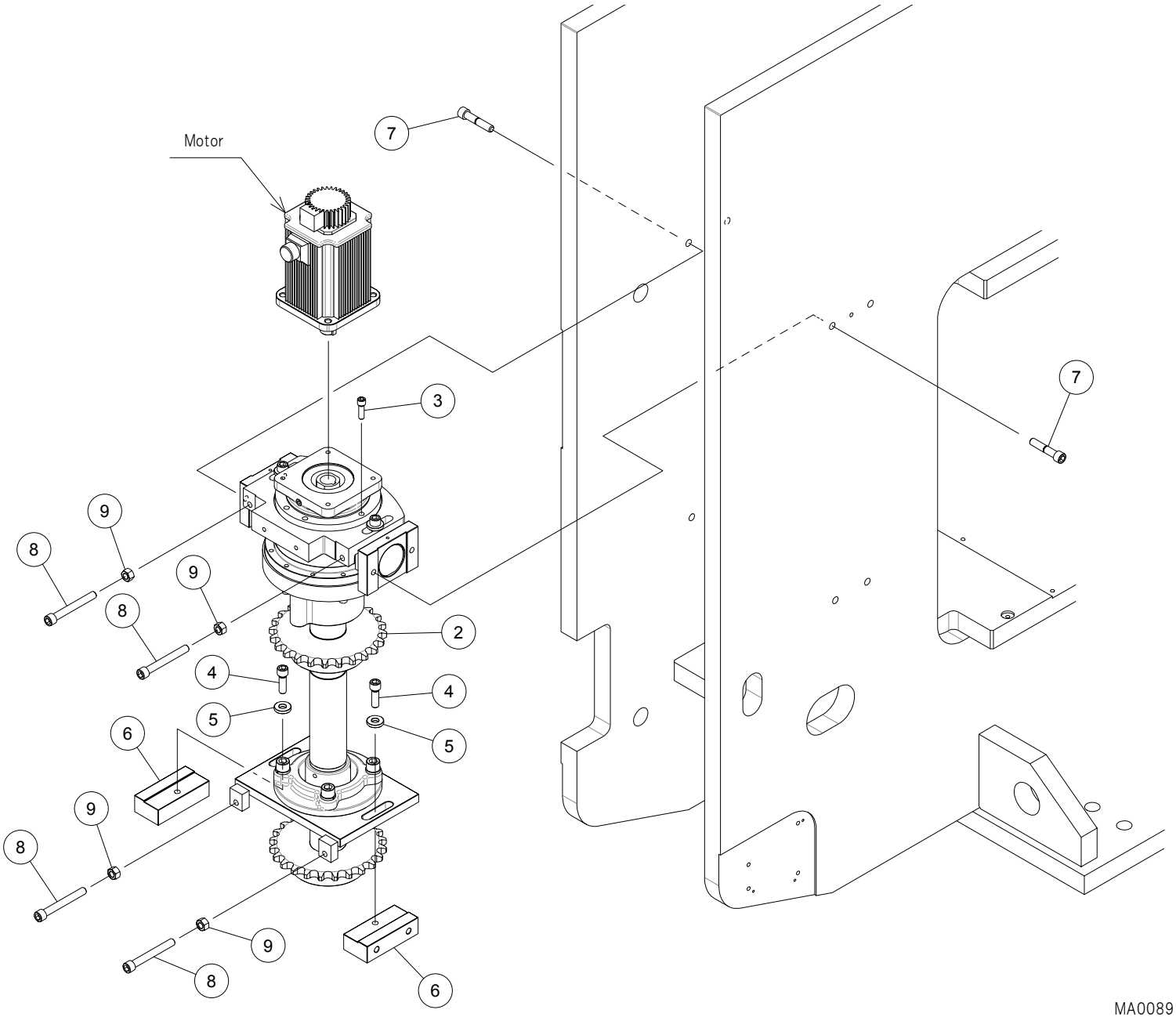


(1) Du Seal Cover ASSY

MA01326--A

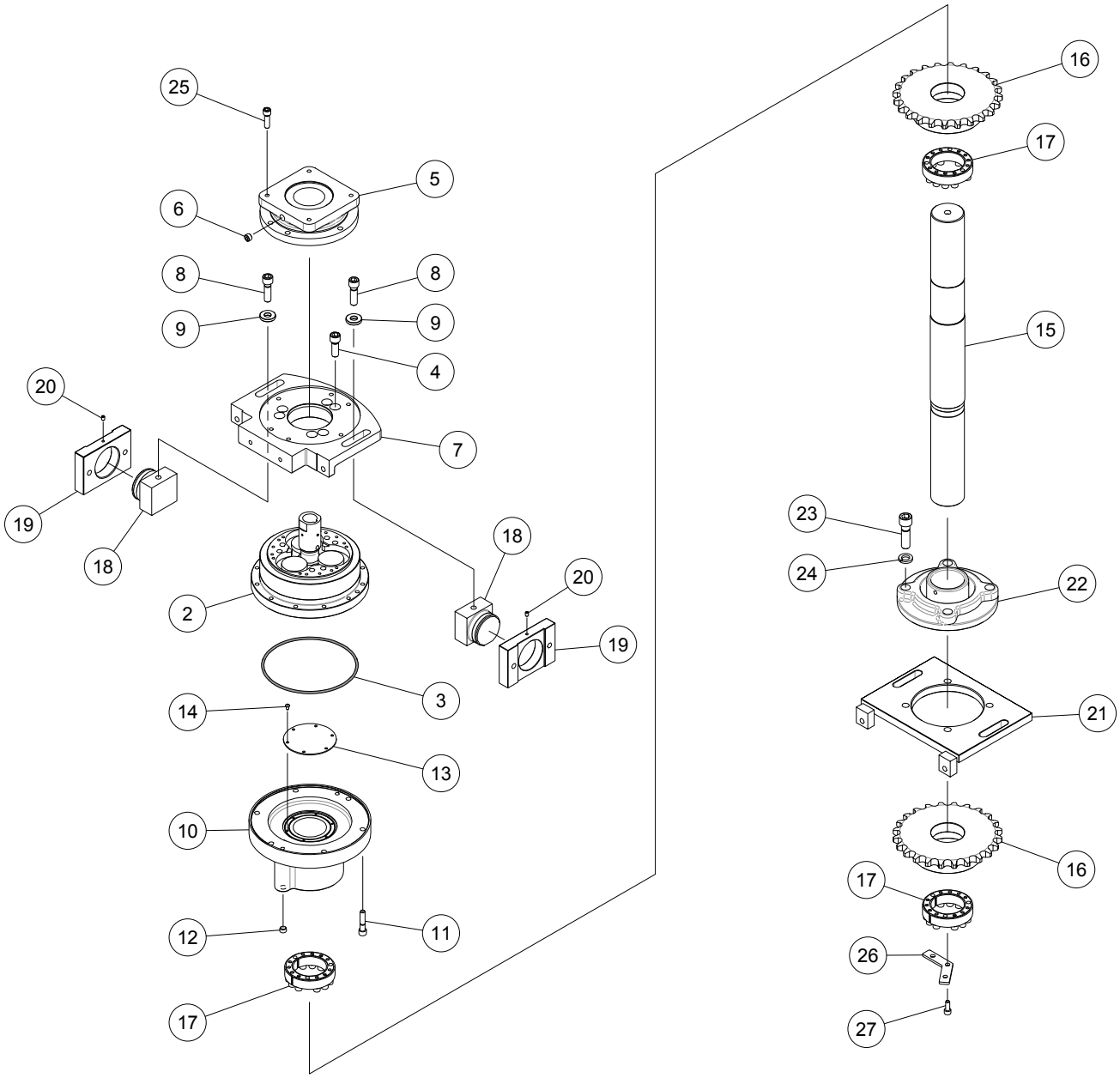
Unit No. 383 Upper and Lower Die <Du Seal Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Du Seal Cover ASSY		1
	MA01326--A		Index 2-6	
2	74900307	Du Seal Cover		1
	MA03100---			
3	74382078	Flange Socket Bolt	M8X15	2
	P330468006	NISSAN NEJI		
4	74900308	Du Seal Sponge 1	C4205	1
	MA03101---	INOAC		
5	74900309	Du Seal Sponge 2	C4205	1
	MA03102---	INOAC		
6	74900310	Du Seal Sponge 3	C4205	1
	MA03103---	INOAC		


Motor
7
3
9
8
2
4
5
6
1 T-axis Drive ASSY
MA00891---

Unit No. 384 T-axis

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00891---	T-axis Drive ASSY	Index 2-10	1
2	MA00890--A	T-axis Drive ASSY		1
3	74183704 / P330250007	Hex Socket Cap Screw	M12X40	6
4	74183663 / P330260034	Hex Socket Cap Screw	M16X50	2
5	74302325 / 0811632 A	Quenched Washer M16		2
6	74418365 / 6875322	Bracket B		2
7	74354509 / P330260040	Hex Socket Cap Screw	M16X80	8
8	74387118 / P330260070	Hex Socket Cap Screw	M16X130(All-thread)	4
9	74571585 / P332000009	Nut / JIS	M16	4
10	P238048010	Grease / Nabtesco	1kg / List Only	1



(1) T-axis Drive ASSY

MA00890--A

Unit No. 385 T-axis <T-axis Drive ASSY>

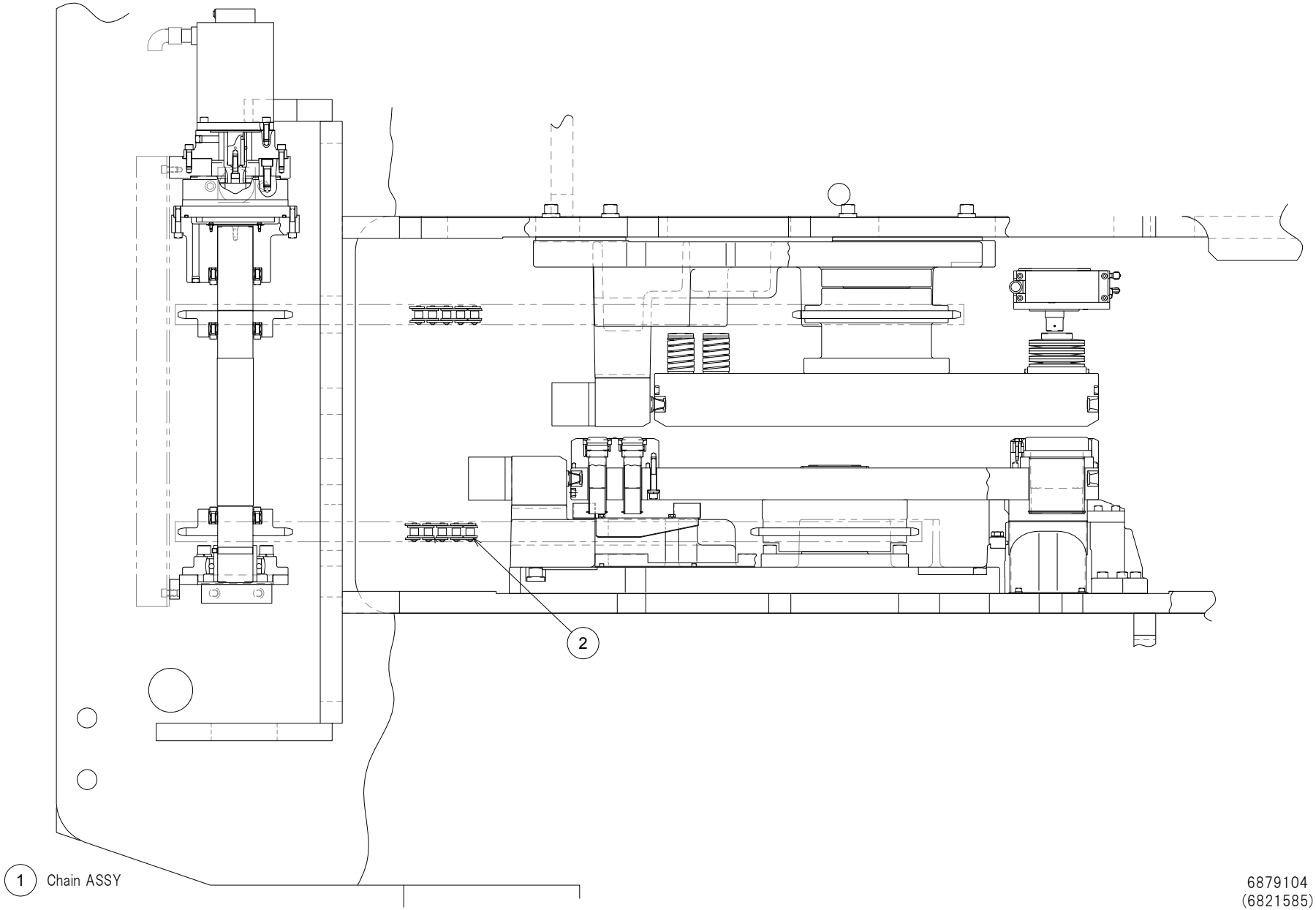
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00890--A	T-axis Drive ASSY	Index 2-27	1
2	74569677 7830618 A	Gear Reducer TEIJIN SEIKI	RV-160E-61	1
3	74571248 P590012038	O Ring NOK	1A-G220	1
4	74716101 P330260033	Hex Socket Cap Screw	M16X45	6
5	74569678 6812577	Motor Base		1
6	74389714 P557033007	Silencer TAIYO LTD.	PSA103	1
7	74569679 6812575	Base Plate		1
8	74377038 P330260035	Hex Socket Cap Screw	M16X55	2
9	74302325 0811632 A	Quenched Washer M16		2
10	74902258 MA00893--A	Driving Flange		1
11	74304914 P330250010	Hex Socket Cap Screw	M12X55	6
12	74702341 P580208003	Plug for Piping GOSHO Works	GM-3/8	1

Unit No. 385 T-axis <T-axis Drive ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74386841 6593833 A	Seal Plate		1
14	74183302 P334500013	Button Head Screw	M6X10	6
15	74902257 MA00892--A	Driving Shaft		1
16	74569684 6812567	Driving Sprocket		2
17	74613204 7831345---	Shaft Clamp Element MIKI PULLEY	PSL-G-80-T1	3
18	74613018 6810628--B	Guide Pin		2
19	74569686 6810626	Bracket A		2
20	74183128 P330550037	Socket Set Screw JIS	M8X10(Flat Type)	2
21	74417289 6871170	Tension Plate		1
22	74569687 7830619	Bearing Unit NTN	UCFC216/LP03Q1	1
23	74776766 P330270009	Hex Socket Cap Screw	M20X70	4
24	74301616 P336050012	Spring Washer JIS	20	4

Unit No. 385 T-axis <T-axis Drive ASSY>

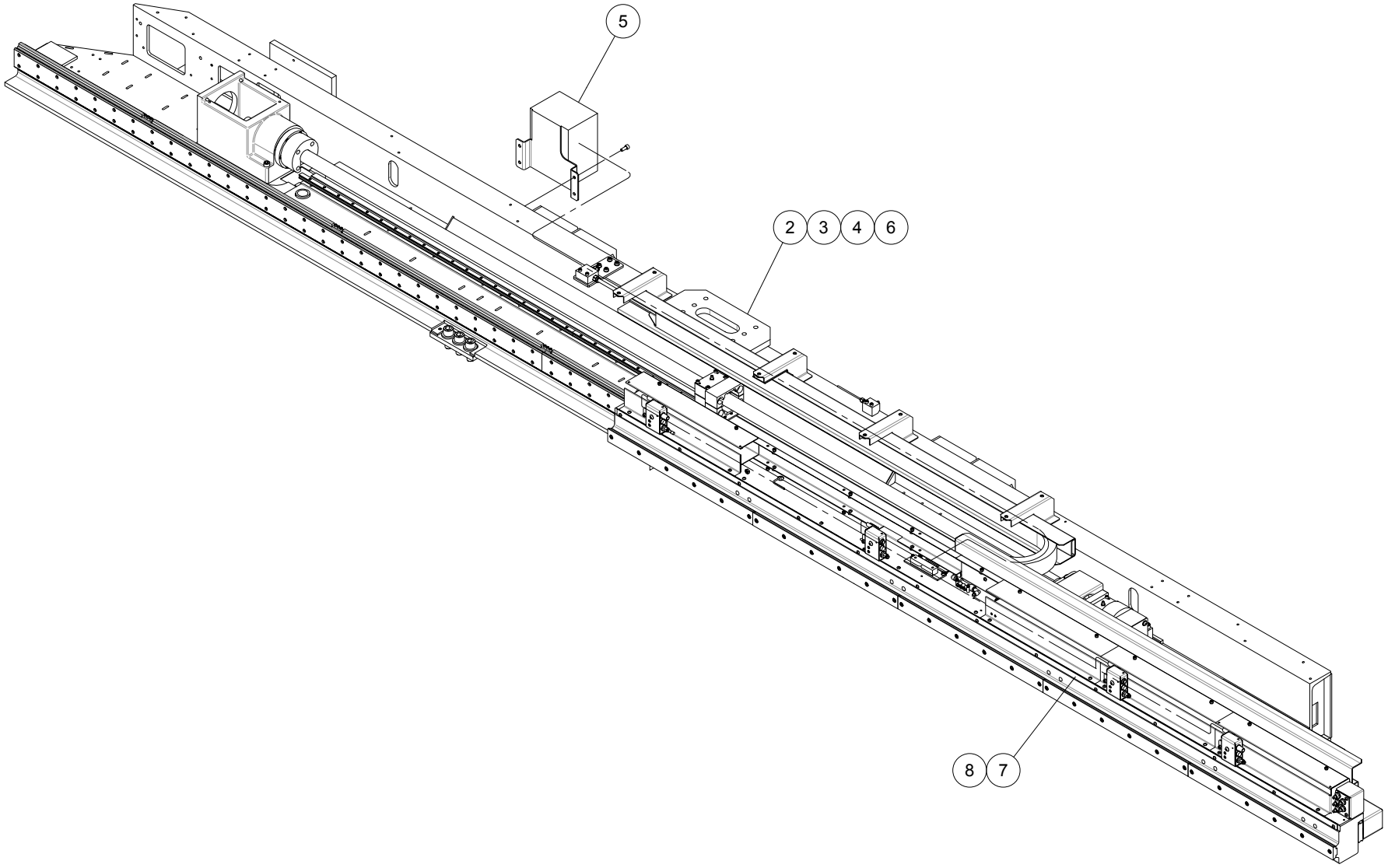
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
26	74451141 6893232	Driving Shaft Jig		1
27	74183636 P330240007	Hex Socket Cap Screw	M10X25	1



6879104
(6821585)

Unit No. 386 T-axis <Chain ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Chain ASSY		1
	6879104		Index 2	
2	74419624	Chain	RS100-100106L	1
	7831016	TSUBAKIMOTO CHAIN		



(1) Slide Module

CE01300---
(MA06840---)

Unit No. 387 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01300---	Slide Module	Index 2-8	1
2	CE01310---	Slide ASSY		1
3	CE01320---	Duct ASSY		1
4	MA06840---	Carriage Base Electric ASSY		1
5	MA01482---	X Junction Box ASSY		1
6	CE01330---	Carriage Cover Bracket Kit		1
7	6824662	Scale ASSY (mm)		1
8	6824663	Scale ASSY (inch)		1

< List Only >

CE01310---

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01310---	Slide ASSY	Index 2-74	1
2	74741687 3804616	Bearing Housing X		1
3	74354512 P330250015	Hex Socket Cap Screw	M12X80	4
4	74388280 6597110	Shim		1
5	74417309 6874308	Bearing Cover		1
6	74183315 P334500019	Button Head Screw	M8X15	2
7	74183027 P336000006	Washer JIS	8(Normal)	2
8	74417310 7830982	Complex Bearing NSK	6206DDUC3**DBCP6P5** AS2S	1
9	74703755 P406168011	Lock Nut FUJI SEIMITSU	FU06SC	1
10	74401947 7831425---	X-axis Ball Screw THK		1
11	74722933 P585536006	Bite Type Pipe Fitting AOI	ML-2061 (Male Elbow)	1
12	74183704 P330250007	Hex Socket Cap Screw	M12X40	4

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74421373 6826263	Motor Bracket		1
14	74306324 P330250014	Hex Socket Cap Screw MOURI	M12X75	2
15	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
16	74417313 7830981	Complex Bearing NSK	40TAC90BDDGSUC10PN7B WPHL	4
17	74613321 6598911--A	Locating Pin		1
18	74417314 6874302	X-axis Bearing Retainer		1
19	74183623 P330230007	Hex Socket Cap Screw	M8X25	6
20	74400476 MA06852---	Damper Drive		1
21	74401948 CE03501---	Spacer		1
22	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
23	74159714 P336000005	Washer JIS	6(Normal)	4
24	74563122 6598959	Collar L	D10	4

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74578875 P406168065	Lock Nut FUJI SEIMITSU	TFU08SC	1
26	74421374 6826259	Collar		1
27	74401949 7831427---	X-axis LM Guide		1
28	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	116
29	74389161 6598919	Stopper Piece		4
30	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
31	74812439 3806928 A	Bearing Block 1		2
32	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	8
33	74387794 P330550107	Socket Set Screw MOURI	M6X40(Flat Point)	8
34	74812440 3806929 A	Bearing Block 2		2
35	74740019 3803125	Shaft Support		4
36	74812441 3806930 A	Damper 4		1

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74400478 3803179---	Damper C1 (X) NBR		1
38	74810077 3805359	Collar	D8	8
39	74300665 P330223005	Hex Socket Cap Screw SPS/UNBRAKO	M6X15	8
40	74159714 P336000005	Washer JIS	6(Normal)	8
41	74740020 3831570	Joint Plate		1
42	74314401 P330200015	Hex Socket Cap Screw	M4X10	8
43	74183601 P330200018	Hex Socket Cap Screw	M4X15	8
44	74740021 7835407	LM Guide THK	SHS15V2SSE/2QZSSE-2890LT with Index 45	1
45	74401950 S40000517-	Grease Nipple THK	PB1021B-8.5L	2
46	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	45
47	 CE01316--A	Carriage Base ASSY		1
48	74563121 6598958	Collar S	D12	4

Unit No. 388 Slide

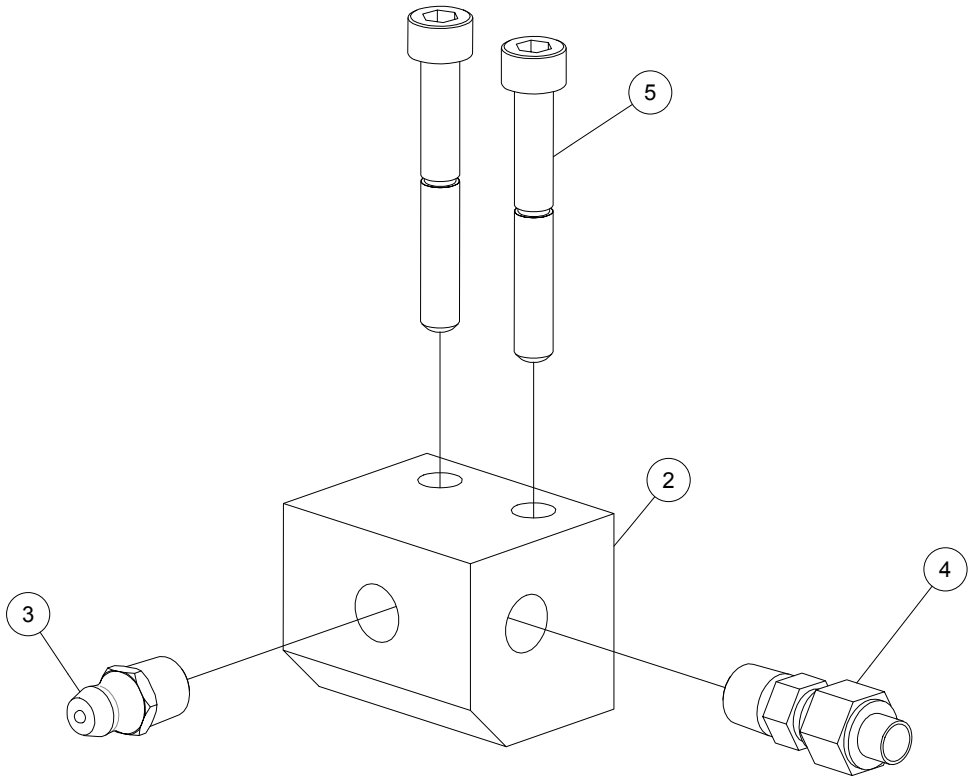
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74740017 3803124	Damper X		1
50	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
51	74400479 MA06856--A	X-axis Nut Bracket		1
52	74183704 P330250007	Hex Socket Cap Screw	M12X40	6
53	74401951 CE01313---	Carriage ASSY		1
54	74183624 P330230008	Hex Socket Cap Screw	M8X30	30
55	74777015 P585536001	Bite Type Pipe Fitting AOI	MH-1041 (Male Connector)	5
56	74421304 6874314	Guide Plate 1250		2
57	74183621 P330230006	Hex Socket Cap Screw	M8X20	22
58	74389170 P337010124	Taper Pin	8X30(Inner Screw)	3
59	74183706 P330270005	Hex Socket Cap Screw	M20X50	17
60	74415423 6826247	Washer M20		18

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74569699 6812631	Reamer Bolt		1
62	 MA06713---	Lubrication Block C/B ASSY		1
63	74575267 P230223198	Plastic Hose JUNKOSHA	AS1100-06(White)-1.2M	1
64	74810084 P230213027	Plastic Hose JUNKOSHA	AS1100-04(White)-5M	1
65	74575264 P230213033	Plastic Hose JUNKOSHA	AS1100-04(White)-1.7M	1
66	74575263 P230213034	Plastic Hose JUNKOSHA	AS1100-04(White)-1.2M	1
67	74575262 P230213035	Plastic Hose JUNKOSHA	AS1100-04(White)-0.7M	1
68	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	3
69	74776743 P330220003	Hex Socket Cap Screw	M6X10	3
70	74776910 P381058026	Cable Band KITAGAWA	SKB-1M	11
71	74176714 P560600004	Grease Nipple	A-PT1/8	2
72	74401952 CE01314--A	Guide Bracket		1

Unit No. 388 Slide

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74776776	Flange Socket Bolt	M8X35	4
	P330468016	NISSAN NEJI		
74		Lubrication Panel ASSY		1
	3834447---			

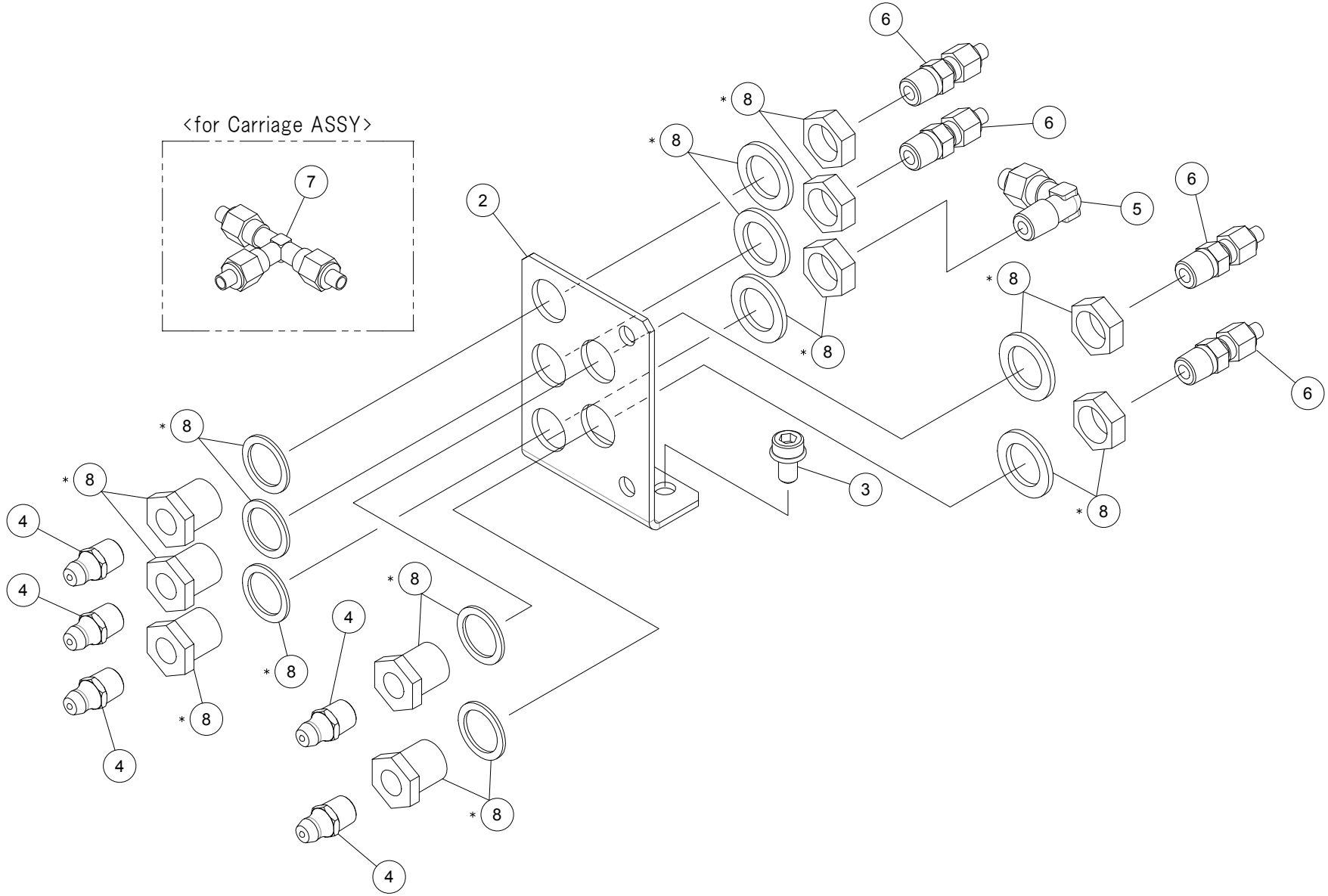


(1) Lubrication Block C/B ASSY

MA06713---

Unit No. 389 Slide <Lubrication Block C/B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lubrication Block C/B ASSY		1
	MA06713---		Index 2-5	
2	74568682	Lubrication Block C/B		1
	6820596			
3	74176714	Grease Nipple	A-PT1/8	1
	P560600004			
4	74777012	Bite Type Pipe Fitting	PN-6X4-PT1/8-BS	1
	P585535004	JUNKOSHA		
5	74183617	Hex Socket Cap Screw	M6X45	2
	P330220015			



(1) Lubrication Panel ASSY C/R

3834447---

Unit No. 390 Slide <Lubrication Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lubrication Panel ASSY C/R		1
	3834447---		Index 2-8	
2	74902044	Bracket		1
	3834285--A			
3	74776775	Flange Socket Bolt	M6X10	2
	P330468015	NISSAN NEJI		
4	74176714	Grease Nipple	A-PT1/8	5
	P560600004			
5	74302913	Bite Type Pipe Fitting	PL-6X4-PT1/8-BS	1
	P585565001	JUNKOSHA		
6	74777014	Bite Type Pipe Fitting	PN-4X2.5-PT1/8-BS	4
	P585535020	JUNKOSHA		
7	74903318	Bite Type Pipe Fitting	PTU-4X2.5-BS	1
	P585605031	JUNKOSHA	for Carriage ASSY	
8	74382915	Bite Type Pipe Fitting	PF-1/8-1/8-BS	5
	P585555001	JUNKOSHA		

< List Only >

CE01320---

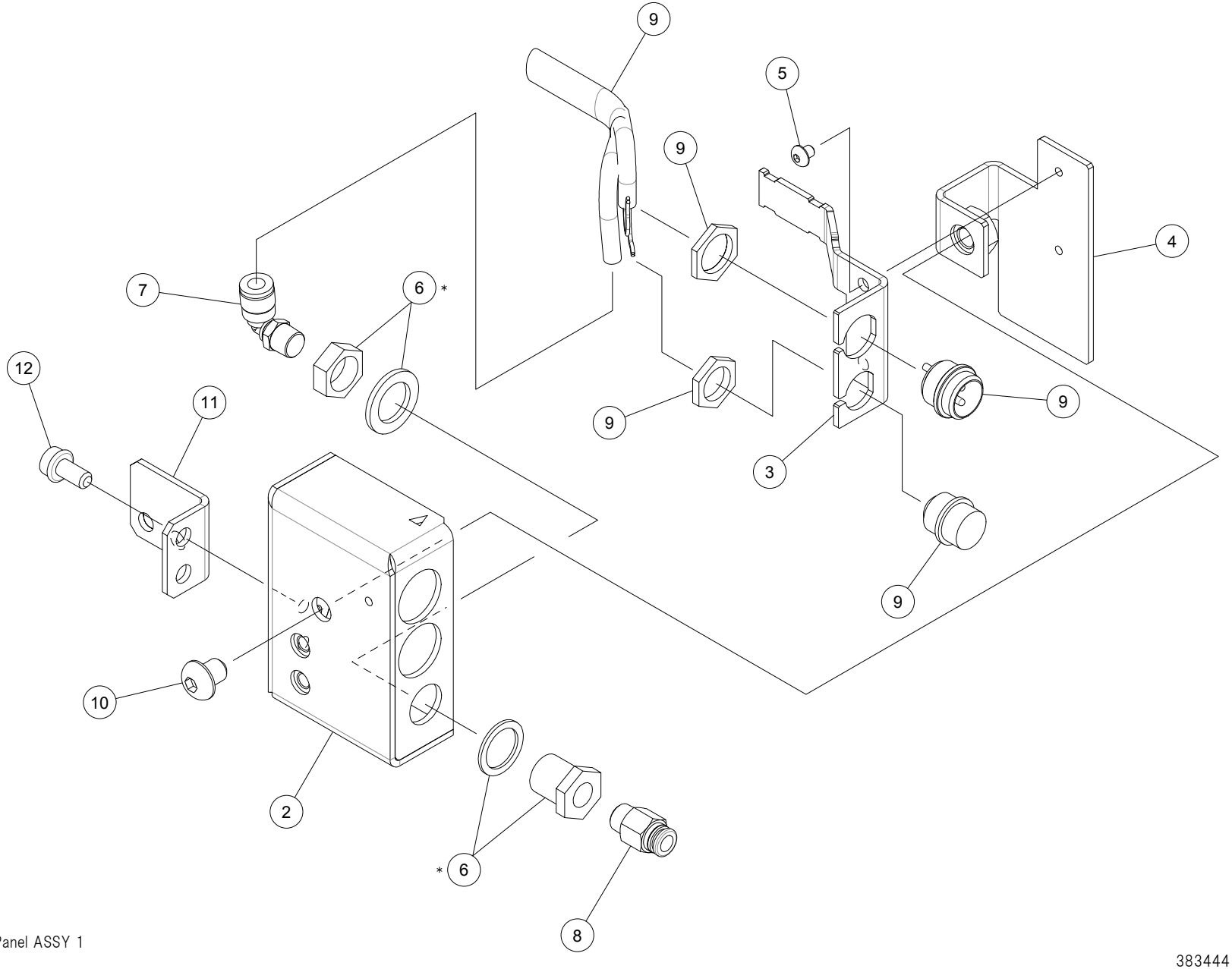
Unit No. 391 Slide <Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01320---	Duct ASSY	Index 2-16	1
2	3834441--A	Junction Panel ASSY 1		1
3	3834442--A	Junction Panel ASSY 2		1
4	3834443--A	Junction Panel ASSY 3		1
5	3834444--A	Junction Panel ASSY 4		1
6	CE01321--A	Clump Hose Guide Kit		1
7	CE01322---	Cover ASSY		1
8	6870953	Piping Block A ASSY		1
9	74903083 P230242094	Plastic Hose NITTA MOORE	N2-4-10X8(Black)-4M	1
10	74568611 P586703001	One Touch Fitting SMC	KM13-06-10-3 (One-touch Fittings Manifold)	1
11	74314402 P330200022	Hex Socket Cap Screw	M4X25	2
12	74183022 P336000003	Washer JIS	4(Small Round)	2

Unit No. 391 Slide <Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74420480	One Touch Fitting	KQ2L10-99	2
	P586533126	SMC		
14	74613232	One Touch Fitting	KQ2L10-00	1
	P586533117	SMC		
15	74452612	One Touch Fitting	KQ2L06-10	1
	P586563244	SMC		
16	74777056	Pneumatic Plug	KQ2P-06	1
	P586643007	SMC		

Unit No. 392 Slide <Junction Panel ASSY 1>

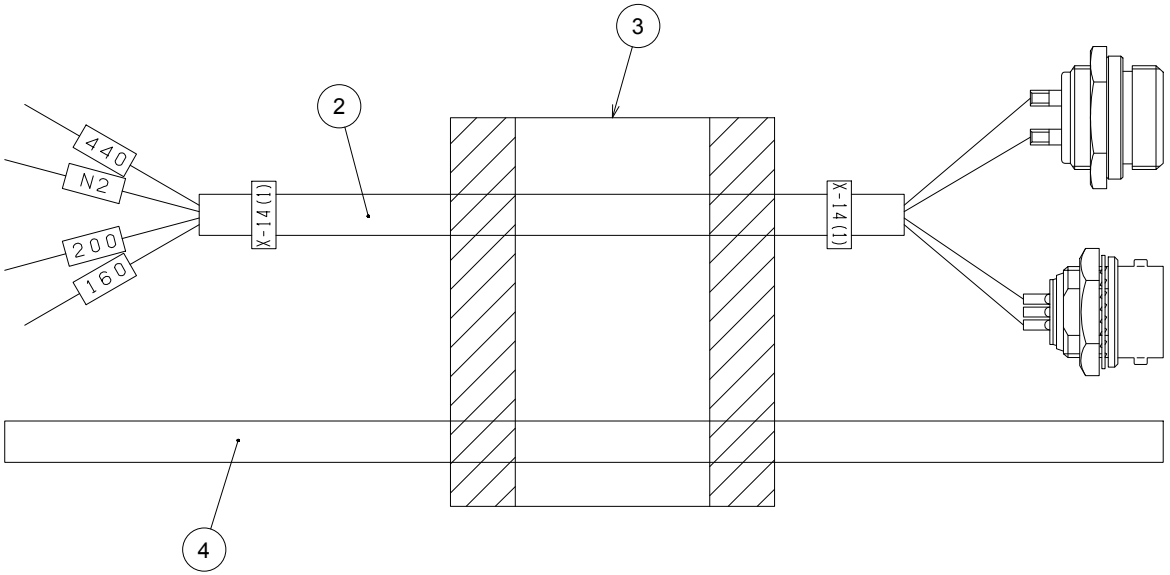


(1) Junction Panel ASSY 1

3834441--A

Unit No. 392 Slide <Junction Panel ASSY 1>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3834441--A	Junction Panel ASSY 1	Index 2-12	1
2	74902047 3834310--D	Panel 1		1
3	74902048 3834311--A	Panel 2		1
4	74902064 3834460--A	Panel 3		1
5	74388461 P334500036	Button Head Screw JIS	M4X5	2
6	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	1
7	74903323 P586563055	One Touch Fitting SMC	KJL06-01S	1
8	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
9	74903928 3834457---	Cable ASSY 1		1
10	74300627 P334500017	Button Head Screw	M8X10	1
11	74902065 3834461---	Fixed Bracket		1
12	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4

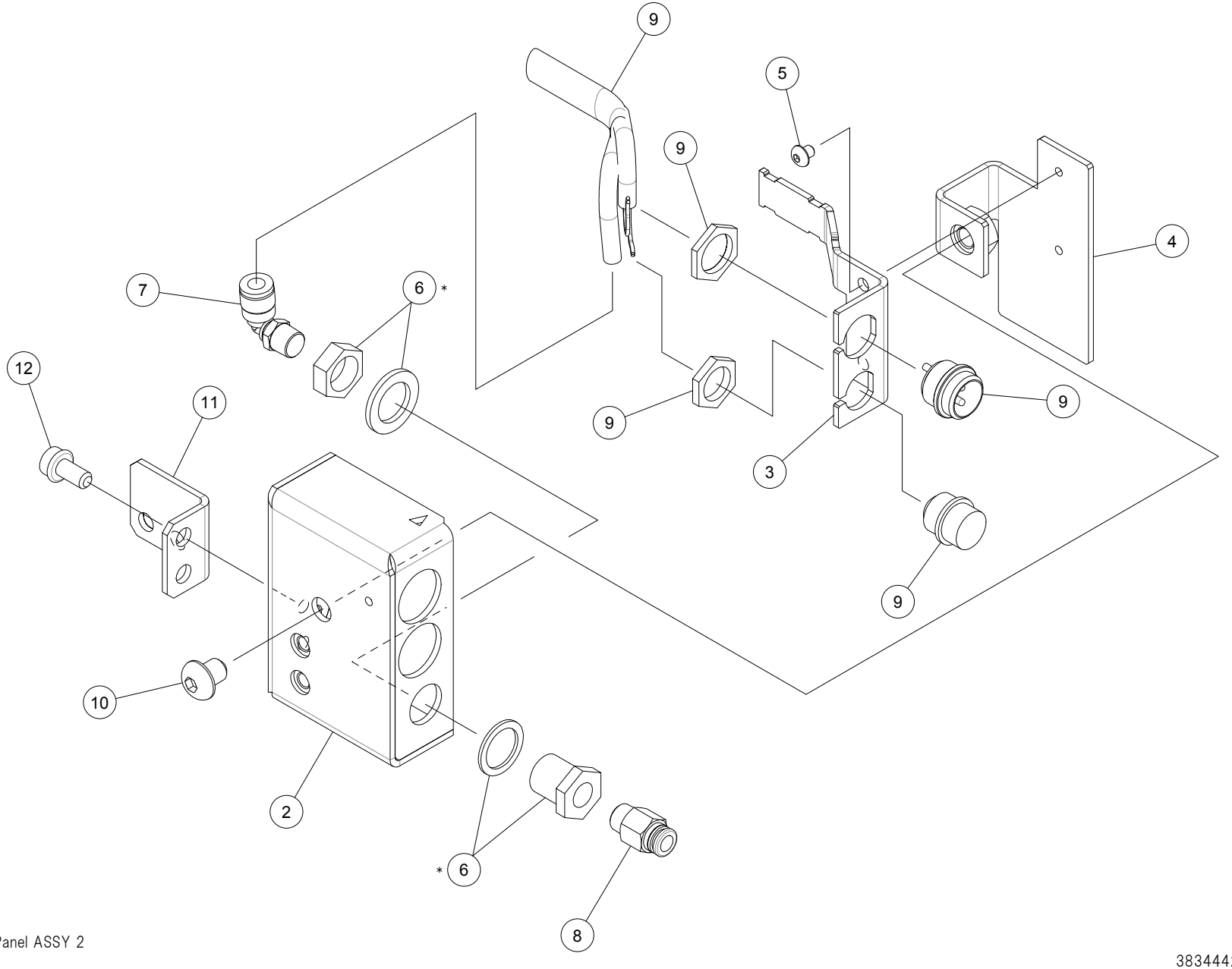


(1) Cable ASSY 1

3834457---

Unit No. 393 Slide <Cable ASSY 1>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903928	Cable ASSY 1		1
	3834457---		Index 2-4	
2	74902061	Cable X-14 (1)		1
	3834456---		(SQ175)	
3	74903100	Tube	F(Z)13X0.3(Black)-0.4M	1
	P230348049	SEI		
4	74381905	Plastic Hose	U2-4-6X4(Black)-2.2M	1
	P230222086	NITTA MOORE		

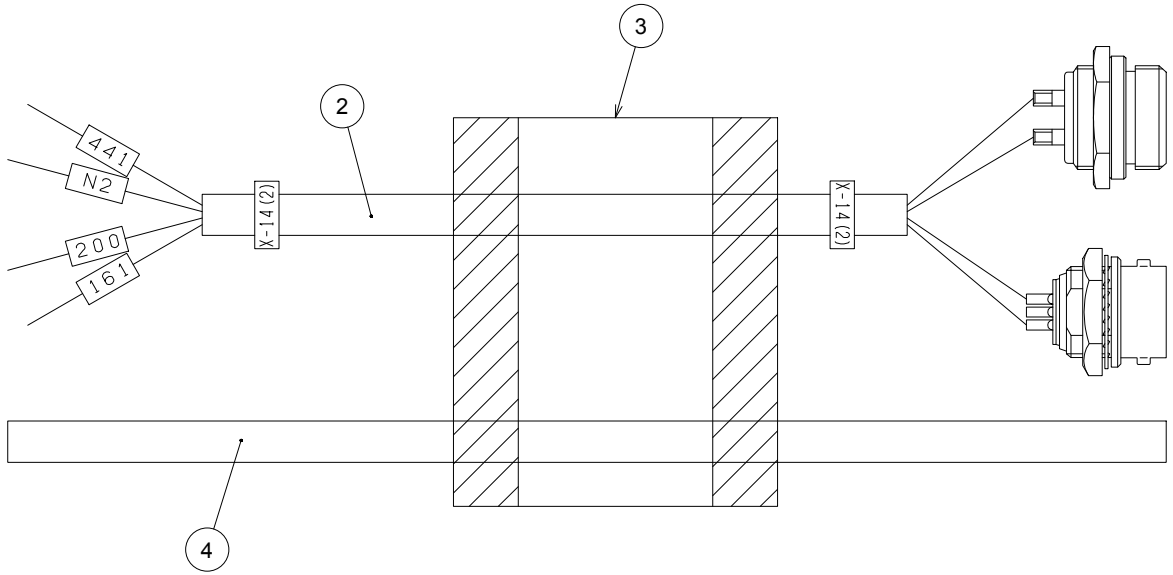


(1) Junction Panel ASSY 2

3834442--A

Unit No. 394 Slide <Junction Panel ASSY 2>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3834442--A	Junction Panel ASSY 2	Index 2-12	1
2	74902047 3834310--D	Panel 1		1
3	74902048 3834311--A	Panel 2		1
4	74902064 3834460--A	Panel 3		1
5	74388461 P334500036	Button Head Screw JIS	M4X5	2
6	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	1
7	74903323 P586563055	One Touch Fitting SMC	KJL06-01S	1
8	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
9	74903929 3834465---	Cable ASSY 2		1
10	74300627 P334500017	Button Head Screw	M8X10	1
11	74902065 3834461---	Fixed Bracket		1
12	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4

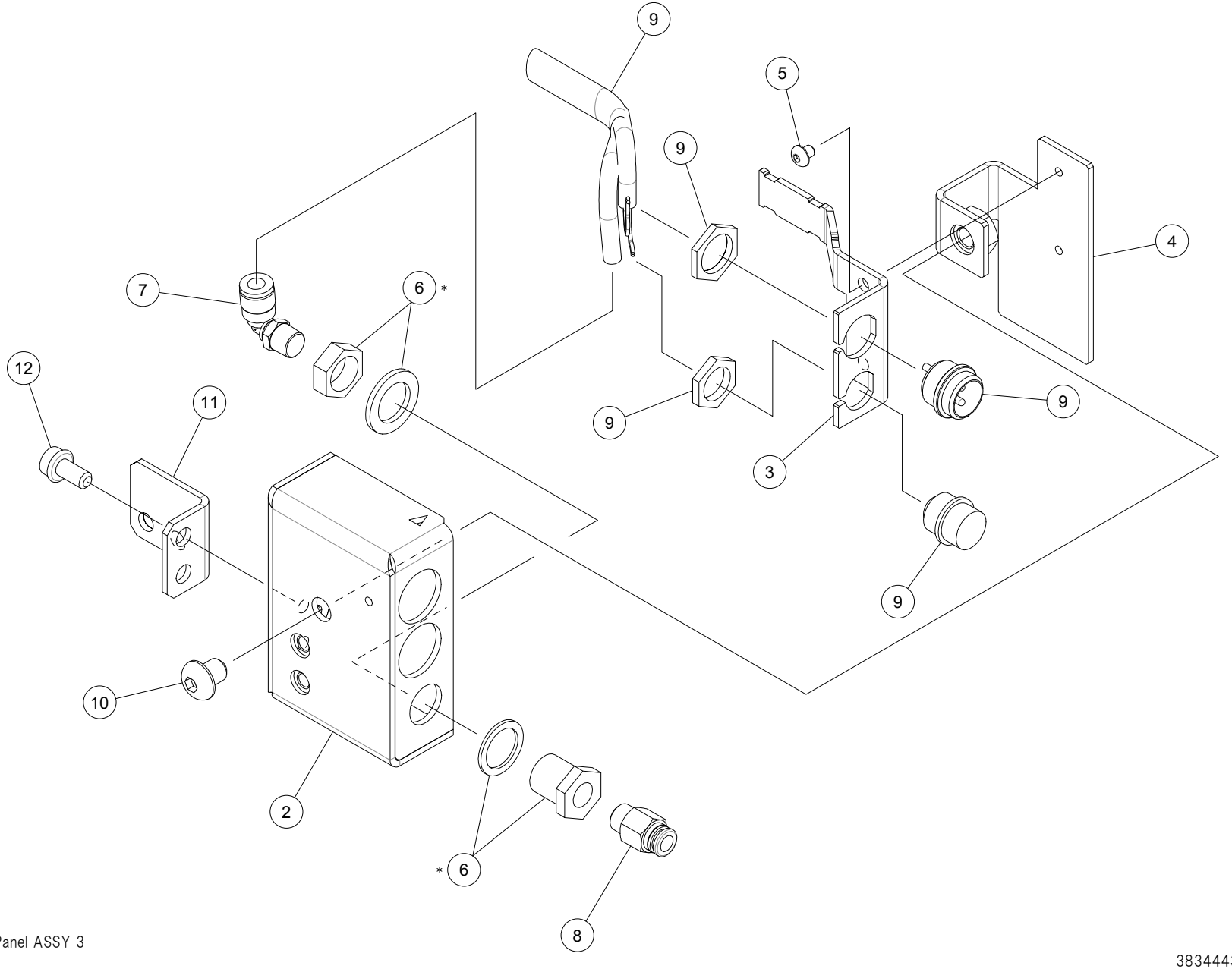


(1) Cable ASSY 2

3834465---

Unit No. 395 Slide <Cable ASSY 2>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903929	Cable ASSY 2		1
	3834465---		Index 2-4	
2	74902066	Cable X-14 (2)		1
	3834462--A		(SQ176)	
3	74903101	Tube	F(Z)13X0.3(Black)-1.2M	1
	P230348050	SEI		
4	74381905	Plastic Hose	U2-4-6X4(Black)-2.2M	1
	P230222086	NITTA MOORE		

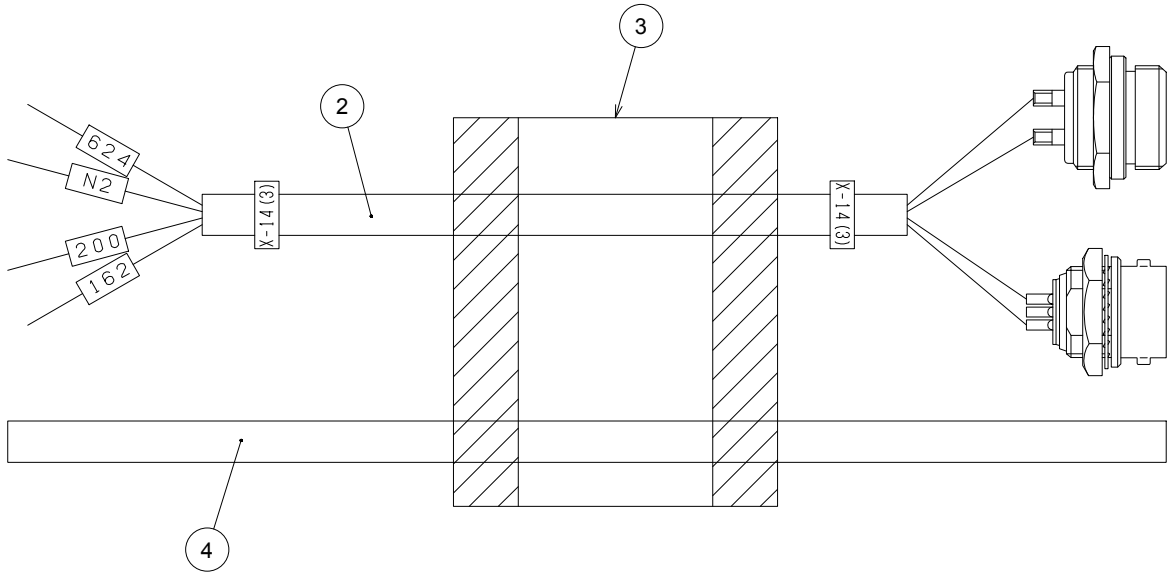


(1) Junction Panel ASSY 3

3834443--A

Unit No. 396 Slide <Junction Panel ASSY 3>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3834443--A	Junction Panel ASSY 3	Index 2-12	1
2	74902047 3834310--D	Panel 1		1
3	74902048 3834311--A	Panel 2		1
4	74902064 3834460--A	Panel 3		1
5	74388461 P334500036	Button Head Screw JIS	M4X5	2
6	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	1
7	74903323 P586563055	One Touch Fitting SMC	KJL06-01S	1
8	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
9	74903930 3834466---	Cable ASSY 3		1
10	74300627 P334500017	Button Head Screw	M8X10	1
11	74902065 3834461---	Fixed Bracket		1
12	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4

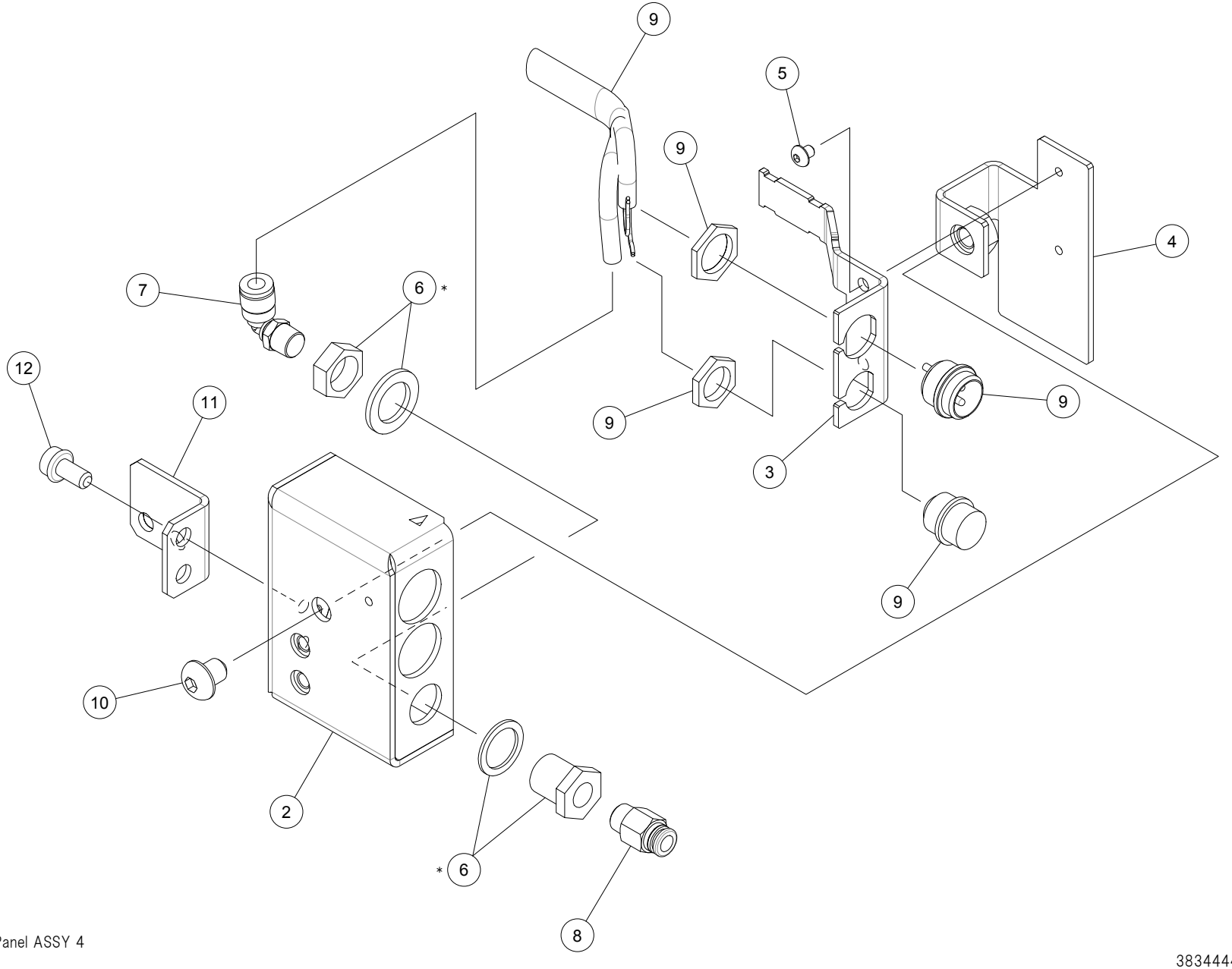


(1) Cable ASSY 3

3834466---

Unit No. 397 Slide <Cable ASSY 3>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903930	Cable ASSY 3		1
	3834466---		Index 2-4	
2	74902067	Cable X-14 (3)		1
	3834463---		(SQ177)	
3	74903101	Tube	F(Z)13X0.3(Black)-1.2M	1
	P230348050	SEI		
4	74381905	Plastic Hose	U2-4-6X4(Black)-2.2M	1
	P230222086	NITTA MOORE		

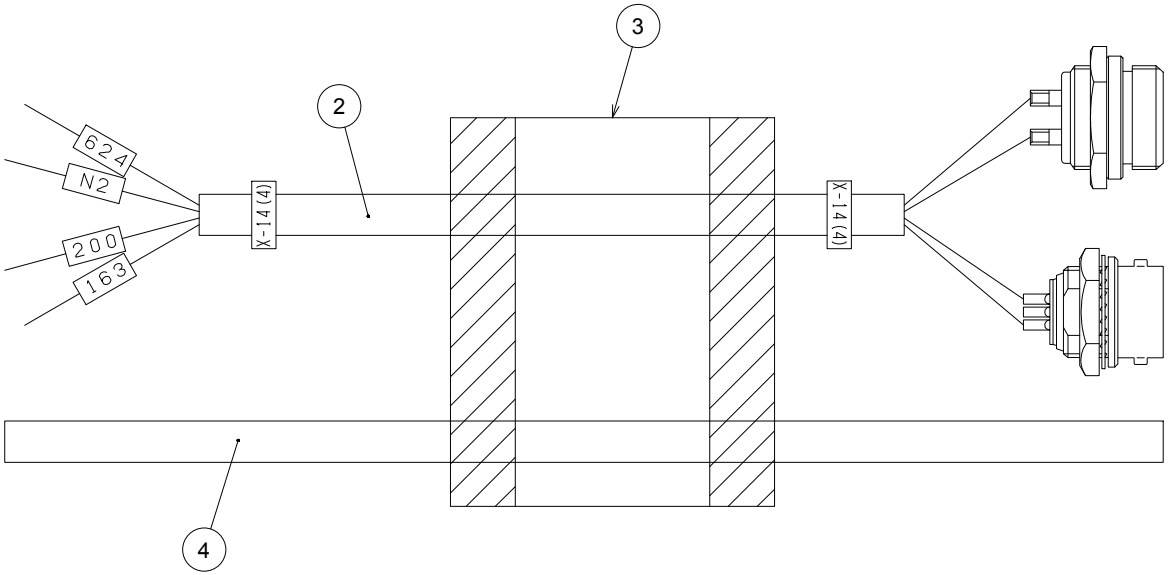


(1) Junction Panel ASSY 4

3834444--A

Unit No. 398 Slide <Junction Panel ASSY 4>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3834444--A	Junction Panel ASSY 4	Index 2-12	1
2	74902047 3834310--D	Panel 1		1
3	74902048 3834311--A	Panel 2		1
4	74902064 3834460--A	Panel 3		1
5	74388461 P334500036	Button Head Screw JIS	M4X5	2
6	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	1
7	74903323 P586563055	One Touch Fitting SMC	KJL06-01S	1
8	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	1
9	74903931 3834467---	Cable ASSY 4		1
10	74300627 P334500017	Button Head Screw	M8X10	1
11	74902065 3834461---	Fixed Bracket		1
12	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4



(1) Cable ASSY 4

3834467---

Unit No. 399 Slide <Cable ASSY 4>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74903931	Cable ASSY 4		1
	3834467---		Index 2-4	
2	74902068	Cable X-14 4		1
	3834464---		(SQ117)	
3	74903100	Tube	F(Z)13X0.3(Black)-0.4M	1
	P230348049	SEI		
4	74570449	Plastic Hose	U2-4-6X4(Black)-1.5M	1
	P230222103	NITTA MOORE		

< List Only >

CE01321--A

Unit No. 400 Slide <Clump Hose Guide Kit>

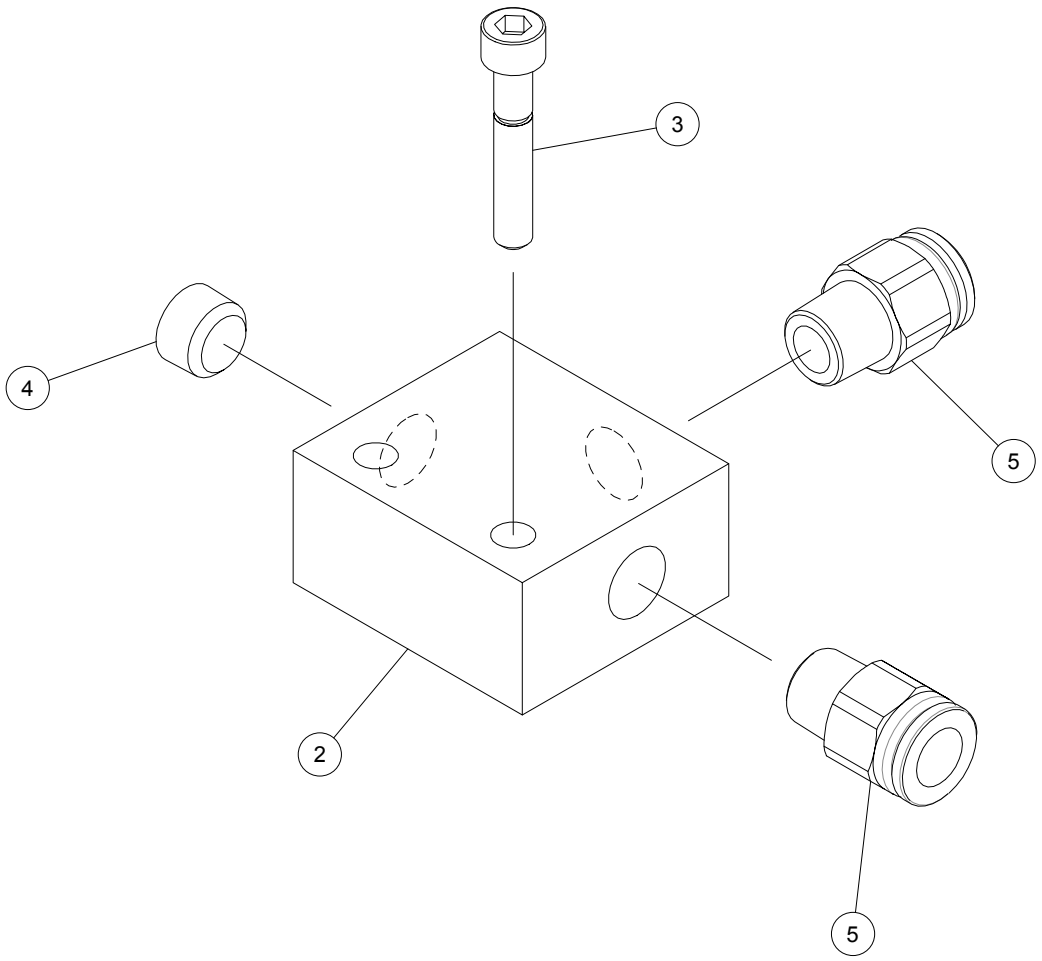
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Clump Hose Guide Kit		1
	CE01321--A		Index 2-11	
2	74401953	Fixed Hose Guide		1
	CE01323--A			
3	74382078	Flange Socket Bolt	M8X15	6
	P330468006	NISSAN NEJI		
4	74401954	Cable Movable Guard	TKP0450W38-R95-IA+KA-L37	1
	P444008794	TSUBAKIMOTO CHAIN		
5	74183302	Button Head Screw	M6X10	8
	P334500013			
6	74401955	Movable Hose Guide		1
	CE01324---			
7	74382078	Flange Socket Bolt	M8X15	8
	P330468006	NISSAN NEJI		
8	74415529	Manifold Bracket		1
	6827451			
9	74385450	Flange Socket Bolt	M8X20	4
	P330468001	NISSAN NEJI		
10	74401956	Fixed Hose Guide Bracket		1
	CE01326---			
11	74382078	Flange Socket Bolt	M8X15	4
	P330468006	NISSAN NEJI		

< List Only >

CE01322---

Unit No. 401 Slide <Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01322---	Cover ASSY	Index 2-11	1
2	74401957 CE01325--A	Base R		1
3	74902057 3834452--A	Cover 1		1
4	74902058 3834453--A	Cover 2		1
5	74902059 3834454---	Cover 3		2
6	74902060 3834455--B	Cover 4		3
7	74902062 3834458--A	Cover 5		2
8	74902063 3834459---	Cover 6		1
9	74902043 3834277--A	Panel Cover		1
10	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	14
11	74183302 P334500013	Button Head Screw	M6X10	22

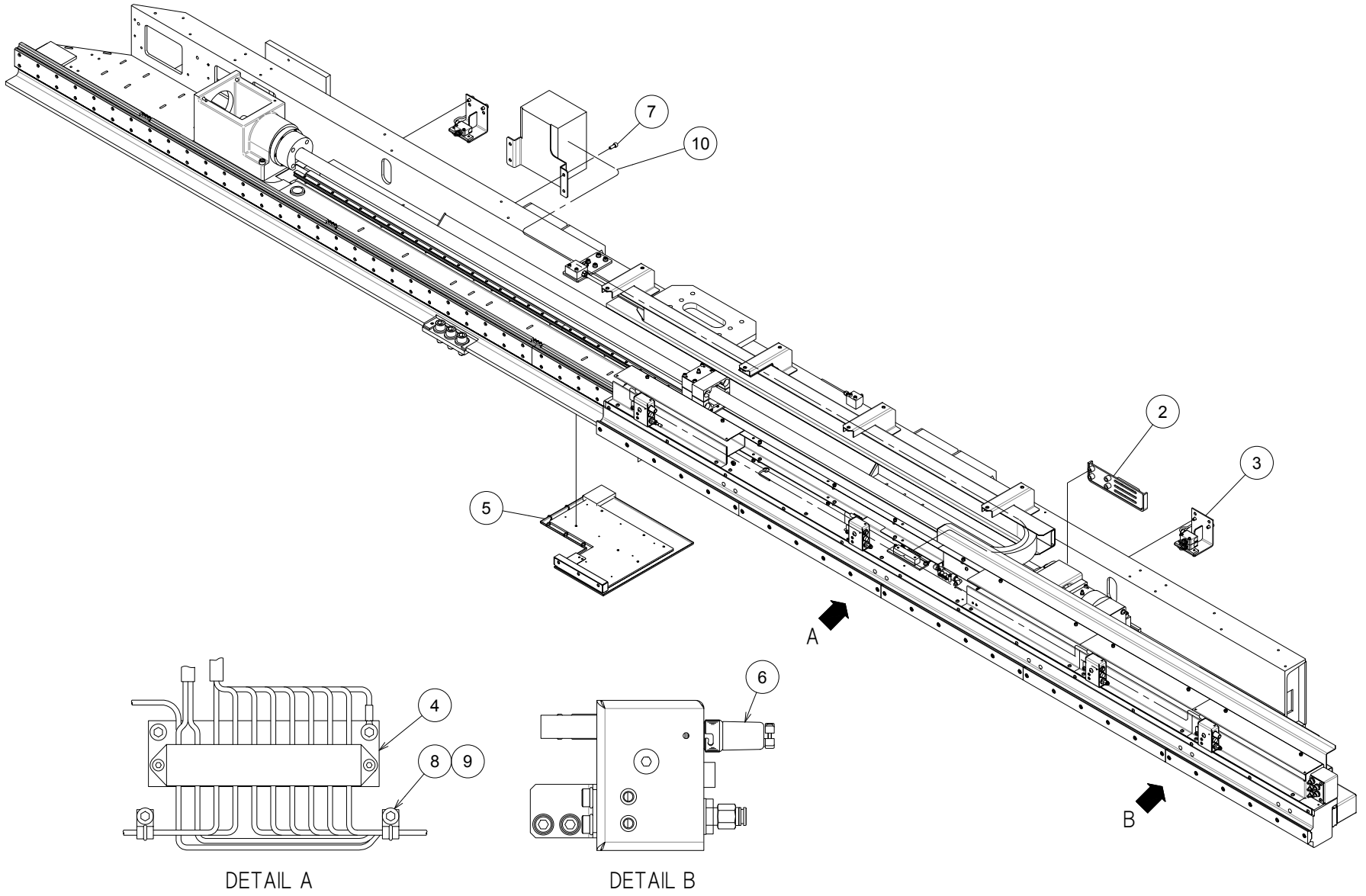


(1) Piping Block A ASSY

6870953

Unit No. 402 Slide <Piping Block A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Piping Block A ASSY		1
	6870953		Index 2-5	
2	74561698	Piping Block A		1
	6597197 A			
3	74183615	Hex Socket Cap Screw	M6X35	2
	P330220013			
4	74706210	Plug for Piping	GM-1/4	1
	P580208002	GOSHO Works		
5	74310013	One Touch Fitting	EC10-PT1/4	2
	P586534007	NITTA MOORE		

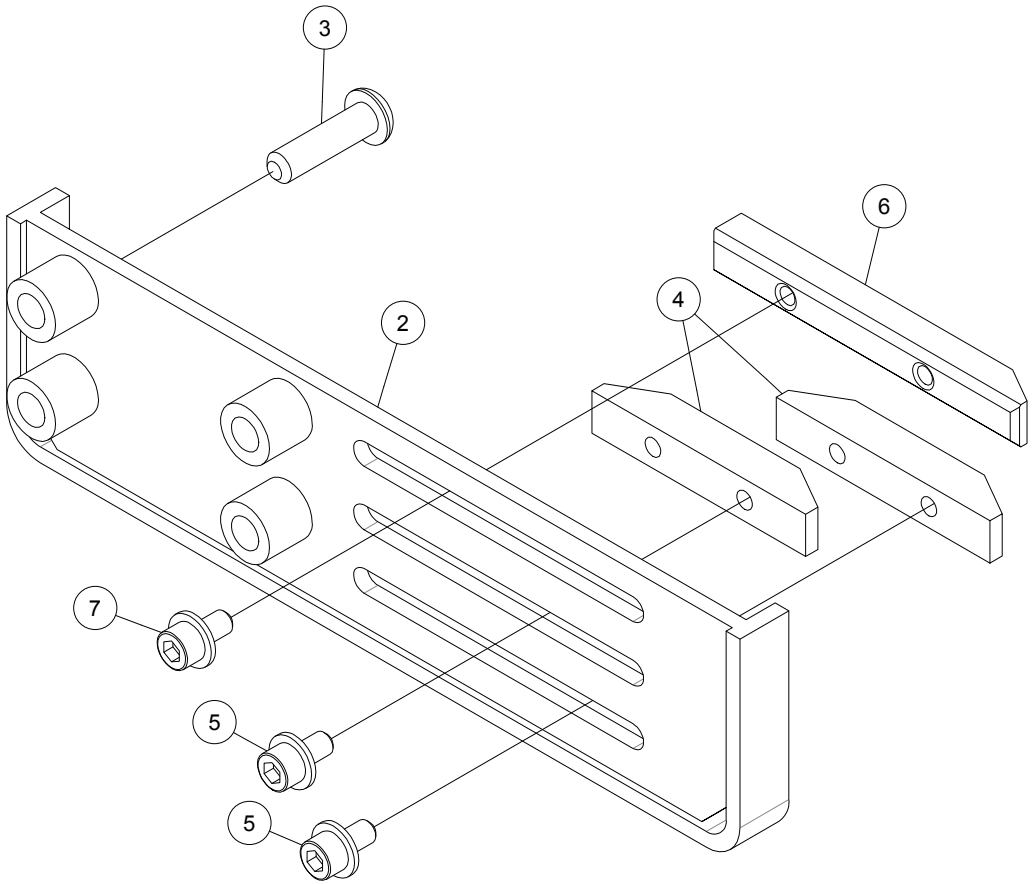


(1) Carriage Base Electric ASSY

MA06840---

Unit No. 403 Slide <Carriage Base Electric ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06840---	Carriage Base Electric ASSY	Index 2-10	1
2	3830226	X-axis Dog Bracket ASSY		1
3	MA01472---	X-axis LS ASSY		1
4	MA06887---	Slide Cable Terminal Block ASSY		1
5	MA06849---	Override Detection ASSY		1
6	74417327 6871656	Jumper Connector		2
7	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
8	74382777 P381017069	Saddle for Conduit DAIWA DENGYO	PZ0112(D6.2)	10
9	74776743 P330220003	Hex Socket Cap Screw	M6X10	10
10	74902280 MA01477--A	Cable X-4		1

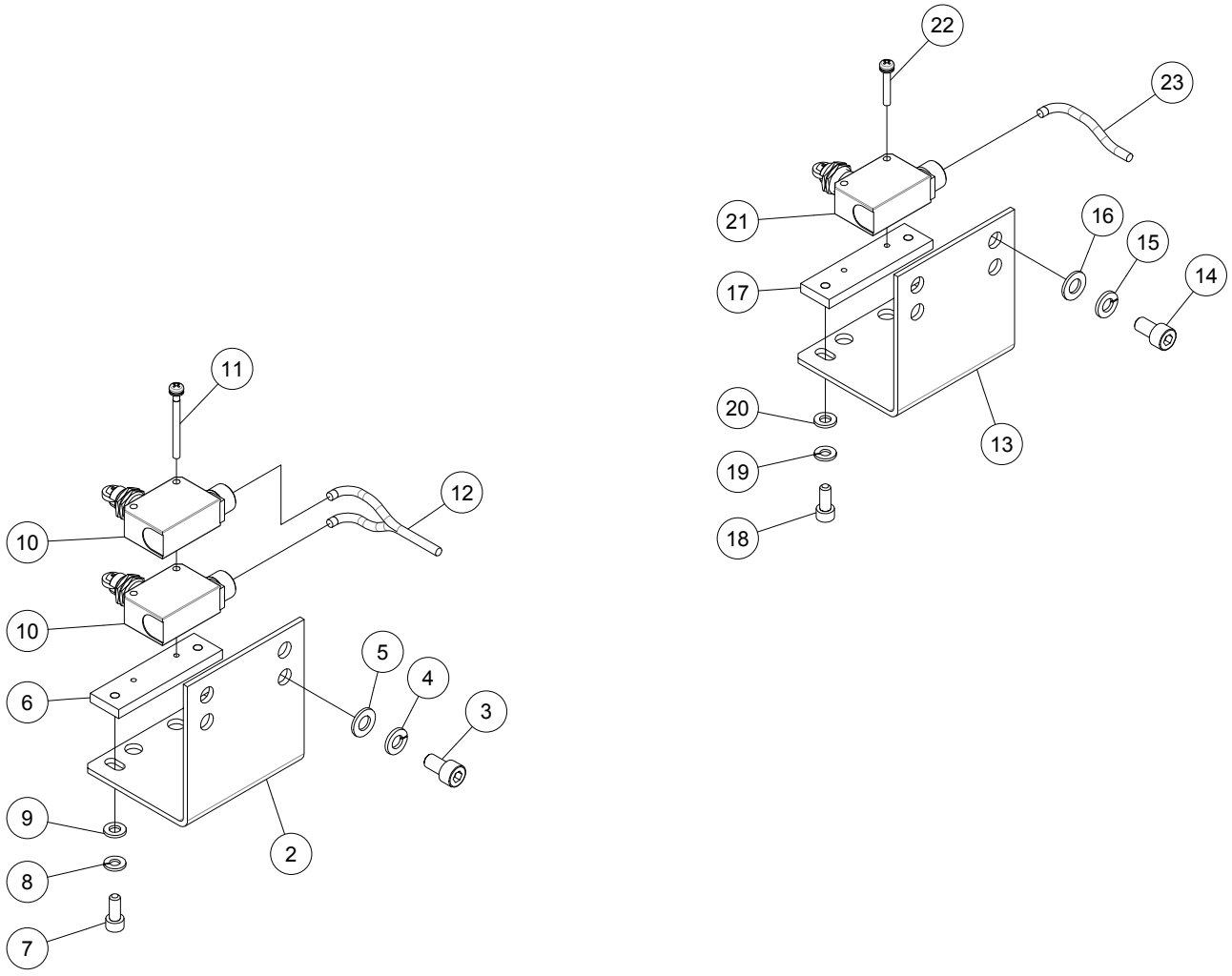


(1) X-axis Dog Bracket ASSY

3830226---

Unit No. 404 Slide <X-axis Dog Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830226	X-axis Dog Bracket ASSY	Index 2-7	1
2	74810612 3805315	Dog Bracket X		1
3	74565073 P334500063	Button Head Screw	M8X35	4
4	74306902 0818707 A	Dog OT		2
5	74388246 P330498012	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M6X12	4
6	74306908 0808516 A	Dog B		1
7	74388246 P330498012	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M6X12	2



(1) X-axis LS ASSY

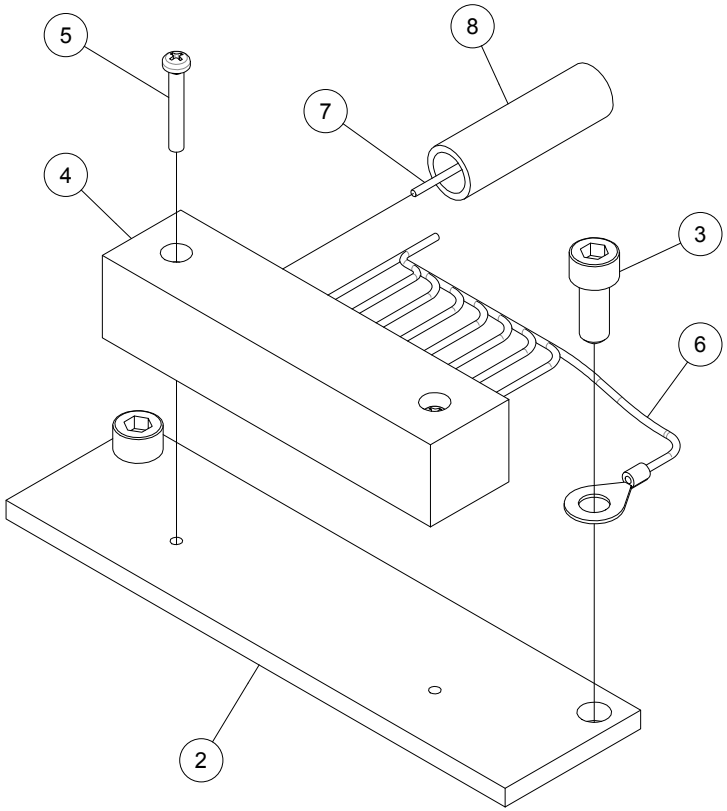
MA01472---

Unit No. 405 Slide <X-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ MA01472---	X-axis LS ASSY /	/ Index 2-23	1
2	74810613 / 3805316	LS Bracket /	/	1
3	74183620 / P330230004	Hex Socket Cap Screw /	M8X15 /	2
4	74183103 / P336050006	Spring Washer / JIS	8 /	2
5	74183027 / P336000006	Washer / JIS	8(Normal) /	2
6	74810614 / 3805319	LS Spacer /	/	1
7	74183608 / P330220006	Hex Socket Cap Screw /	M6X15 /	2
8	74178737 / P336050005	Spring Washer / JIS	6 /	2
9	74159714 / P336000005	Washer / JIS	6(Normal) /	2
10	74332707 / P828013004	Limit Switch / YAMATAKE	SL1-A /	2
11	74575296 / P334200122	Sems Pan Head Screw / SANKO Industry	M4X45(Chromate P-4) /	2
12	74902279 / MA01476--A	Cable X-2 /	/	1

Unit No. 405 Slide <X-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74810613 3805316	LS Bracket		1
14	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
15	74183103 P336050006	Spring Washer JIS	8	2
16	74183027 P336000006	Washer JIS	8(Normal)	2
17	74810614 3805319	LS Spacer		1
18	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
19	74178737 P336050005	Spring Washer JIS	6	2
20	74159714 P336000005	Washer JIS	6(Normal)	2
21	74332707 P828013004	Limit Switch YAMATAKE	SL1-A	1
22	74575297 P334200119	Sems Pan Head Screw SANKO Industry	M4X25(Chromate P-4)	2
23	74902278 MA01475--A	Cable X-1		1

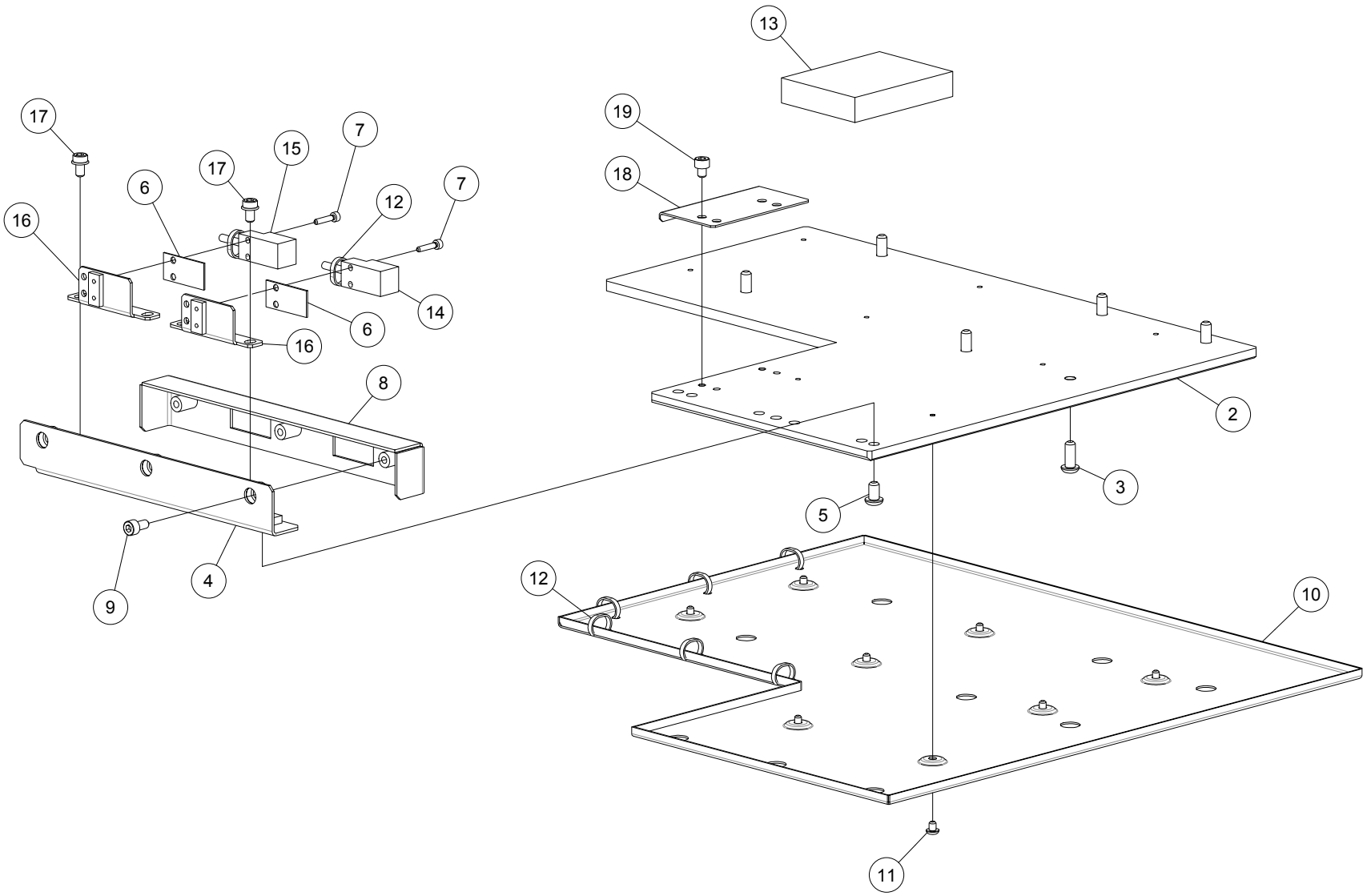


(1) Slide Cable Terminal Block ASSY

MA06887---

Unit No. 406 Slide <Slide Cable Terminal Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06887---	Slide Cable Terminal Block ASSY	Index 2-8	1
2	74453075 6818037	Bracket		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
4	74453076 P864208003	Terminal Block WEIDMULLER	BK12CRN	1
5	74307619 P334100009	Pan Head Screw JIS	M3X20	2
6	74400491 MA06886---	Cable X-14		1
7	74400492 MA06885---	Cable X-9		1
8	74903093 P230252097	Plastic Hose NITTA MOORE	N2-4-12X9(Black)-2.1M	1



(1) Override Detection ASSY

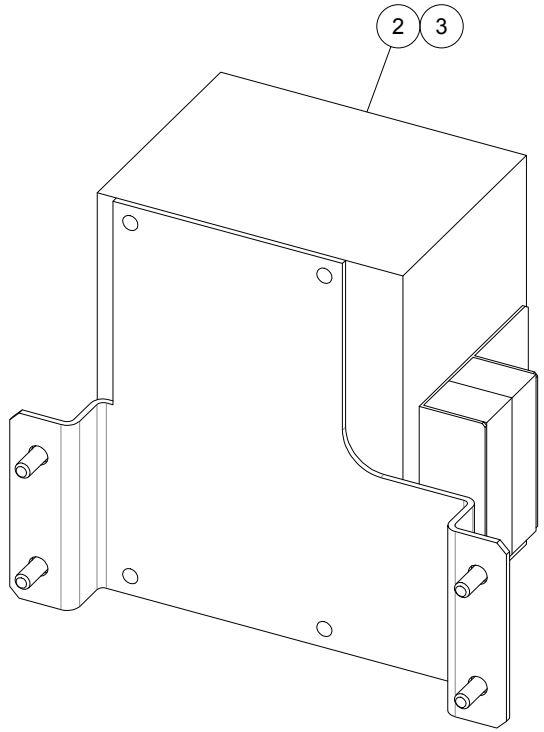
MA06849---

Unit No. 407 Slide <Override Detection ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06849---	Override Detection ASSY	Index 2-19	1
2	74400493 MA06861--A	Detection Plate Bracket		1
3	74183310 P334500015	Button Head Screw	M6X15	6
4	74812510 3809542 B	Sensor Bracket Base		1
5	74183302 P334500013	Button Head Screw	M6X10	3
6	74417342 6877900	Insulating Plate		2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	4
8	74812511 3809543 A	Sensor Cover		1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
10	74400494 MA06862---	Cable Cover 1		1
11	74388461 P334500036	Button Head Screw JIS	M4X5	8
12	74776910 P381058026	Cable Band KITAGAWA	SKB-1M	12

Unit No. 407 Slide <Override Detection ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74415636 6827507	Rubber Sponge		1
14	74400495 MA06883---	Cable X-5		1
15	74400496 MA06884---	Cable X-7		1
16	74812513 3809545 A	Sensor Bracket		2
17	74776778 P330468030	Flange Socket Bolt	M5X8 NISSAN NEJI	4
18	74400497 MA06863--A	Cable Cover 2		1
19	74383352 P330210001	Hex Socket Cap Screw	M5X6 MOURI	2



(1) X Junction Box ASSY

7835584---

Unit No. 408 Slide <X Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01482---	X Junction Box ASSY	Index 23	1
2	74401705 7835584---	X Junction Box ASSY SANKO Electronics		1
3	74401707 7856155---	NEMLX Board SANKO Electronics		1

< List Only >

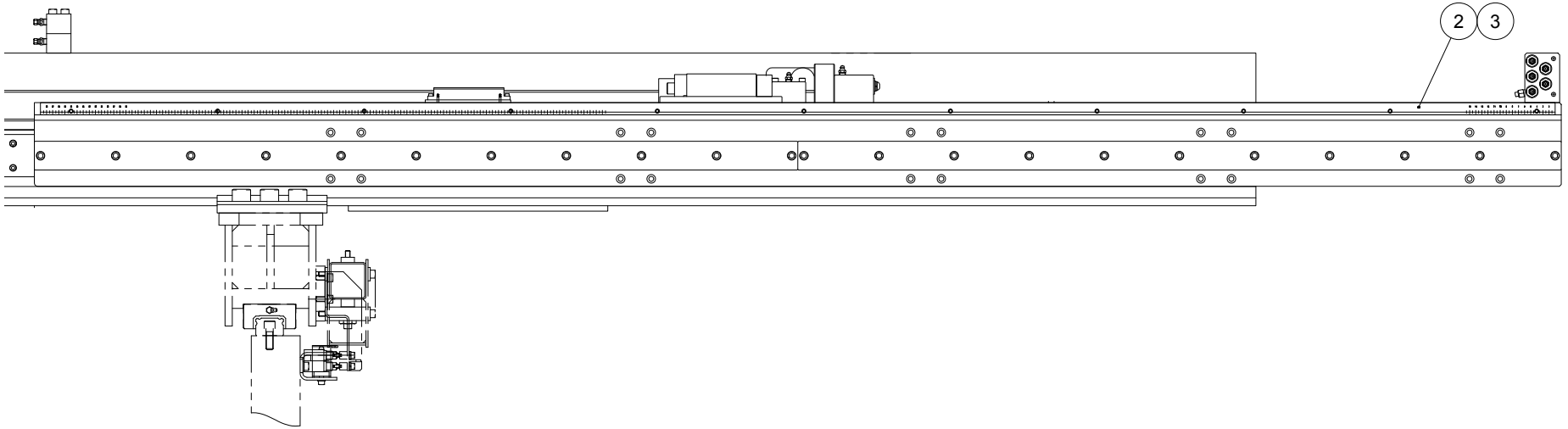
CE01330---

Unit No. 409 Slide <Carriage Cover Bracket Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01330---	Carriage Cover Bracket Kit	Index 2-14	1
2	74810029 3806997	Cover Bracket A		1
3	74810030 3806998	Cover Bracket B		3
4	74183621 P330230006	Hex Socket Cap Screw	M8X20	14
5	74183103 P336050006	Spring Washer JIS	8	14
6	74183027 P336000006	Washer JIS	8(Normal)	14
7	74401958 CE01338---	Cover Bracket		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
9	74401959 CE01336---	Stud L126	H22	2
10	74314812 P330550045	Socket Set Screw JIS	M8X35(Flat Point)	2
11	74401960 CE01337---	Stud L109	H22	2
12	74314812 P330550045	Socket Set Screw JIS	M8X35(Flat Point)	2

Unit No. 409 Slide <Carriage Cover Bracket Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401961 CE01333---	Stud L83	H22	2
14	74314812 P330550045	Socket Set Screw JIS	M8X35(Flat Point)	2

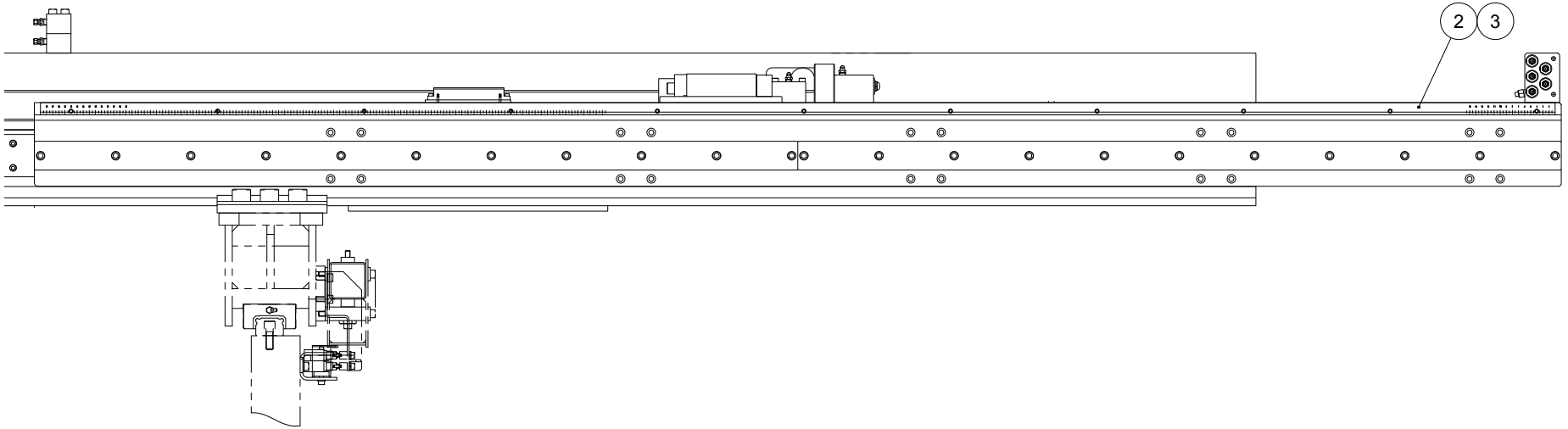


(1) Scale ASSY (mm)

6824662
(3834469#1-)

Unit No. 410 Slide <Scale ASSY(mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6824662	Scale ASSY (mm)	Index 23	1
2	74575177 / 6824660	Scale 2500 (mm)		1
3	74183302 / P334500013	Button Head Screw	M6X10	11

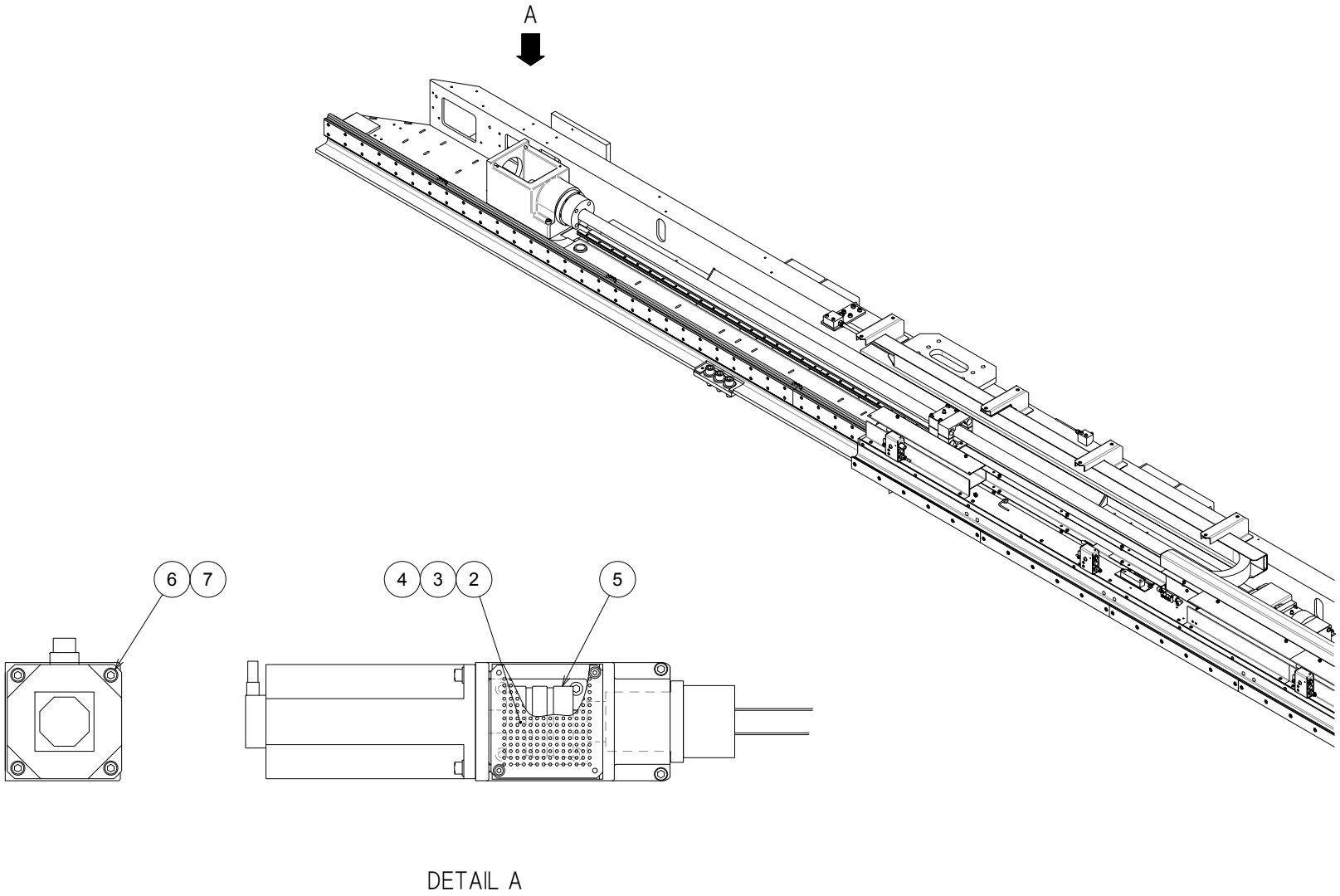


(1) Scale ASSY (inch)

6824663
(3834469#1-)

Unit No. 411 Slide <Scale ASSY(inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6824663	Scale ASSY (inch)	Index 23	1
2	74575176 / 6824661	Scale 2500 (Inch)		1
3	74183302 / P334500013	Button Head Screw	M6X10	11



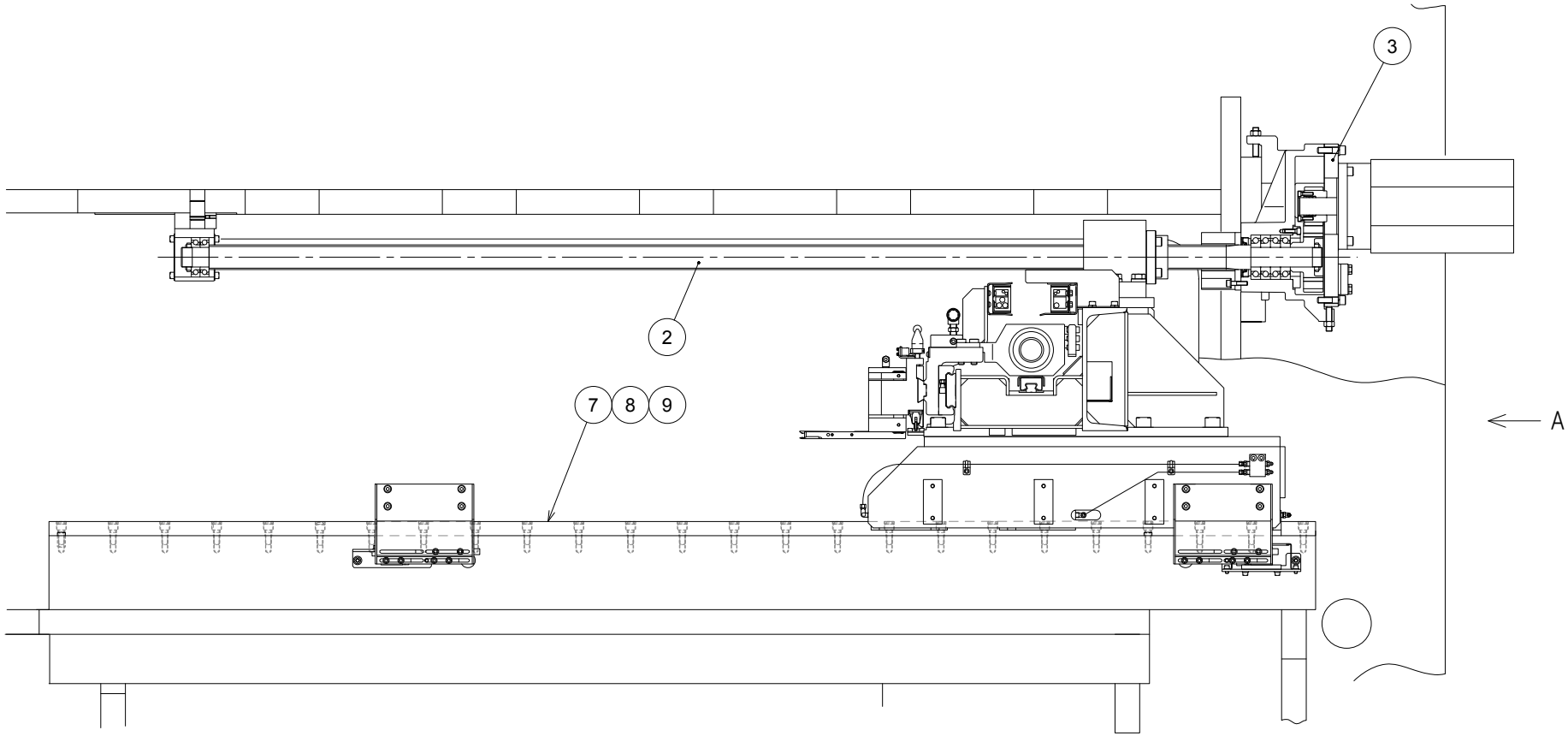
DETAIL A

(1) Motor Installation Kit

6874291--A

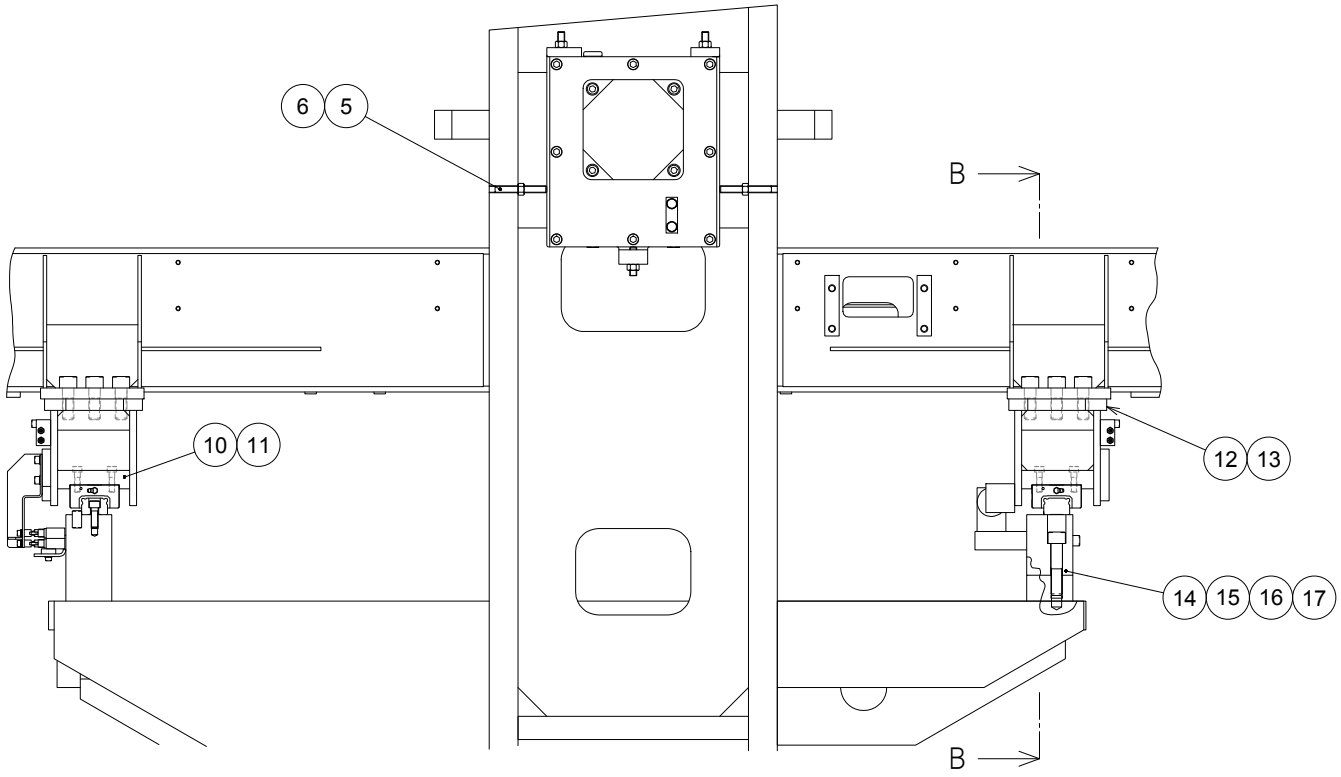
Unit No. 412 Slide <Motor Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6874291--A	Motor Installation Kit	Index 2-7	1
2	74400504 6874305--A	Motor Cover		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74183027 P336000006	Washer JIS	8(Normal)	2
5	74415044 7830758 A	Coupling Miki Pulley		1
6	74183657 P330250006	Hex Socket Cap Screw	M12X35	4
7	74183031 P336000008	Washer JIS	12(Normal)	4

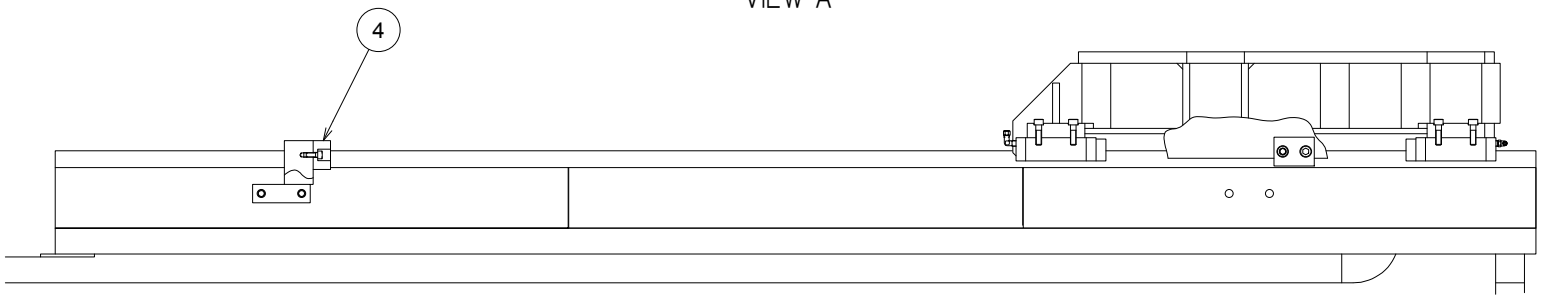


(1) Y-axis ASSY

CE01440---
(3805481#1B)



VIEW A



SECTION B-B

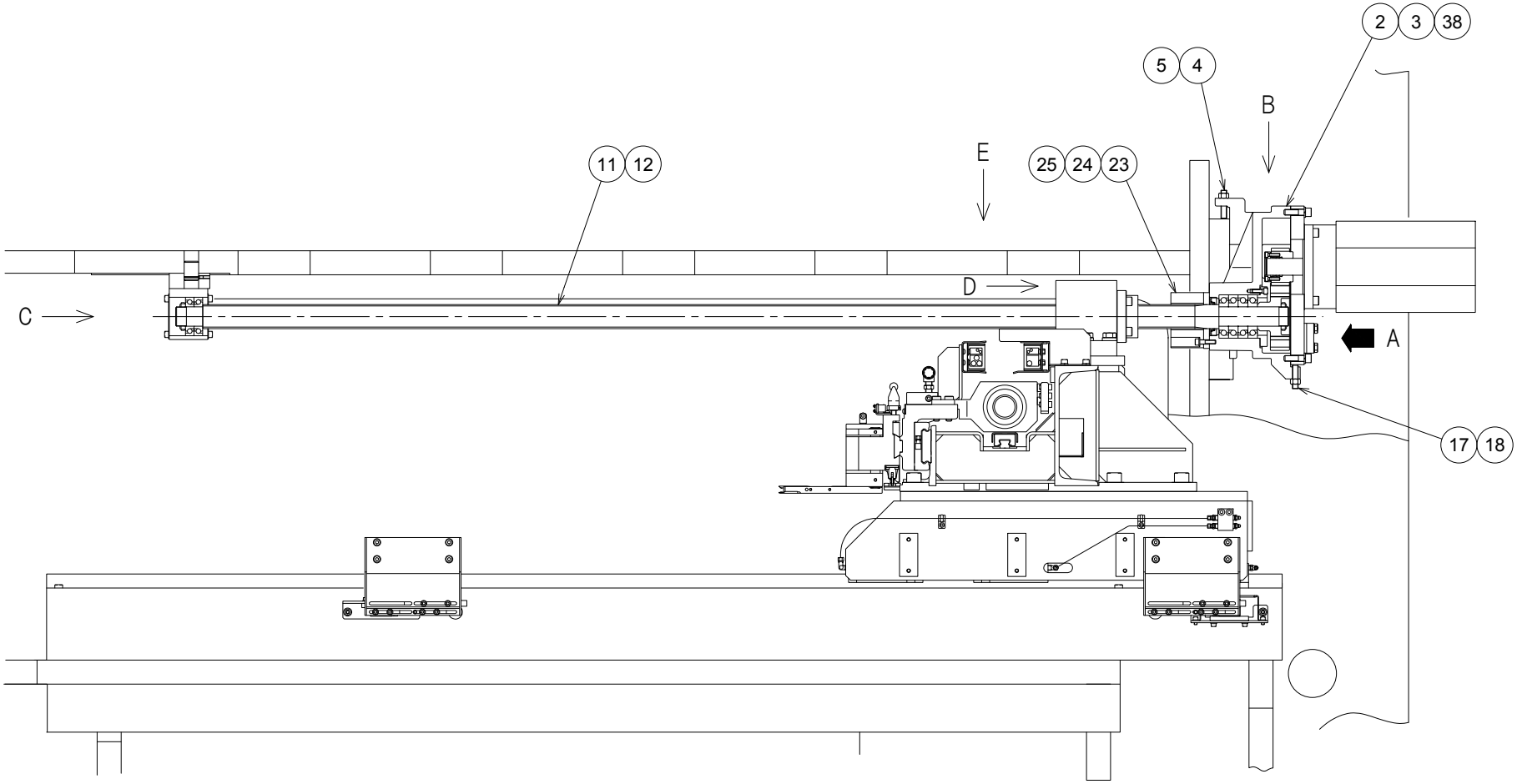
CE01440---
(3805481#1B)

Unit No. 413 Y-axis

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01440---	Y-axis ASSY	Index 2-17	1
2	CE01442---	Y-axis Ball Screw ASSY		1
3	6871702	Y Motor Installation Kit		1
4	CE01443---	Damper (-YR) ASSY		1
5	74388313 P330550153	Socket Set Screw MOURI	M12X90(Flat Point)	2
6	74776798 P332000007	Nut JIS	M12	2
7	74419696 7830897--C	Y-axis LM Guide THK	SVR45R3QZSSC0E+2255LH-II(A)	2
8	74183656 P330250005	Hex Socket Cap Screw	M12X30	44
9	74810093 P337020079	Parallel Pin JIS	A-16X30	2
10	74901988 3806954--B	Support Bracket F		1
11	74183640 P330240009	Hex Socket Cap Screw	M10X35	12
12	74901989 3806955--A	Support Bracket R		1

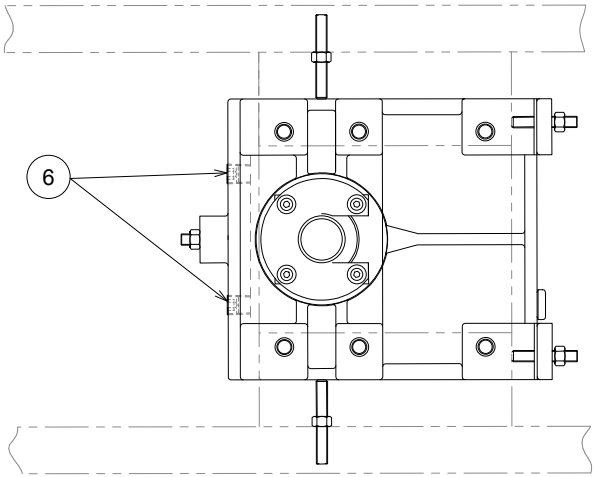
Unit No. 413 Y-axis

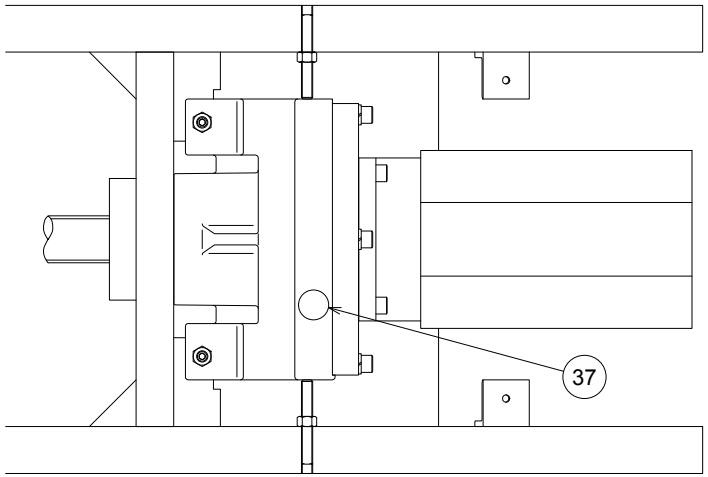
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183640 P330240009	Hex Socket Cap Screw	M10X35	12
14	74810096 3806951	LM Guide Base A		1
15	74810097 3806952 A	LM Guide Base B		1
16	74401962 CE01445---	LM Guide Base C		1
17	74776769 P330270013	Hex Socket Cap Screw	M20X90	11



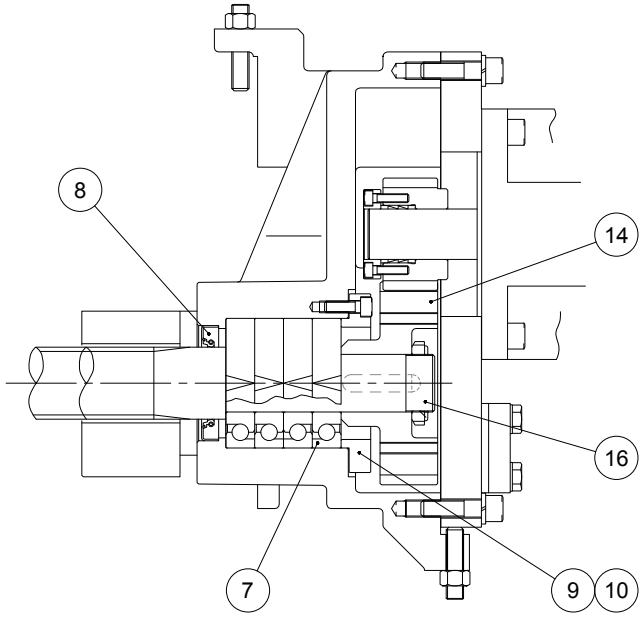
(1) Y-axis Ball Screw ASSY

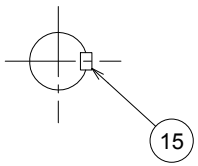
CE01442---
(3805481#1B)





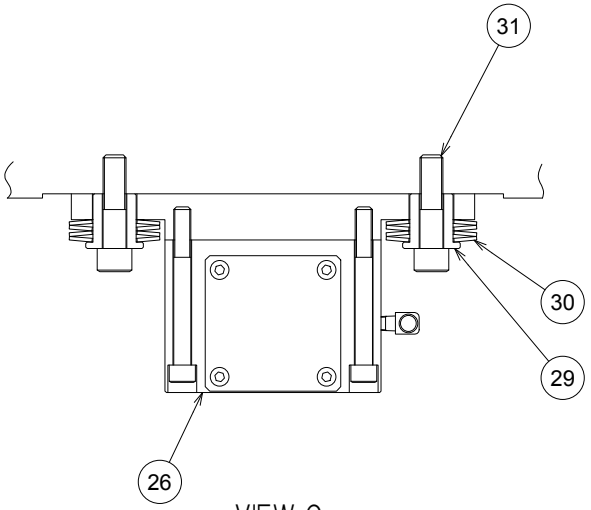
DETAIL A



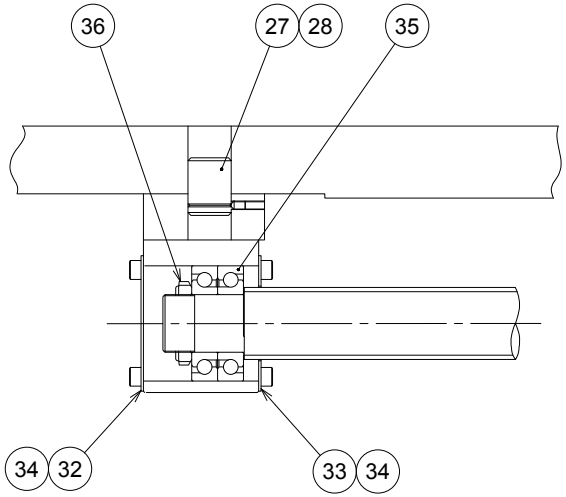


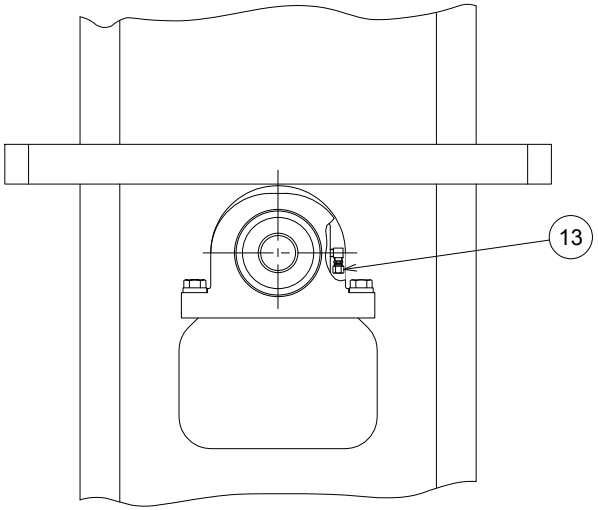
VIEW B

CE01442---
(3805481#1B)

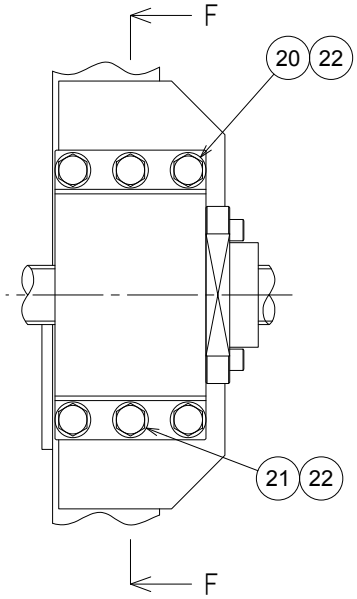


VIEW C

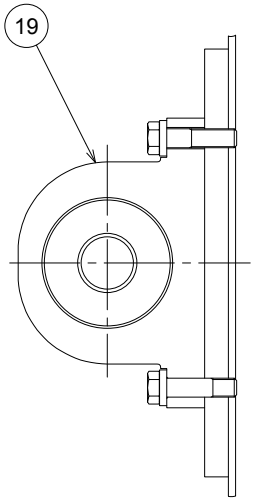




VIEW D



VIEW E



SECTION F-F

CE01442---
(3805481#1B)

Unit No. 414 Y-axis <Y-axis Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01442---	Y-axis Ball Screw ASSY	Index 2-38	1
2	74902086 6876482--B	Y-axis Gear Box ASSY		1
3	74903128 P330260042	Hex Socket Cap Screw	M16X90	6
4	74305517 P330550067	Socket Set Screw JIS	M12X60(Flat Point)	2
5	74776798 P332000007	Nut JIS	M12	2
6	74380195 P580208004	Plug for Piping GOSHO Works	GM-1/2	2
7	74388315 P404020541	Complex Bearing NSK & others	40TAC90BSUC10PN7B	4
8	74417354 P590102113	Oil Seal NOK	SB05008012	1
9	74388316 6597133	Y-axis Bearing Retainer		1
10	74183621 P330230006	Hex Socket Cap Screw	M8X20	6
11	74401963 7831426---	Y-axis Ball Screw NSK		1
12	74183704 P330250007	Hex Socket Cap Screw	M12X40	4

Unit No. 414 Y-axis <Y-axis Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74777012 P585535004	Bite Type Pipe Fitting JUNKOSHA	PN-6X4-PT1/8-BS	1
14	74569721 6826691	Y-axis Driven Gear		1
15	74417355 6597135 A	Key (Driven Gear)		1
16	74903252 P406168003	Lock Nut FUJI SEIMITSU	FU08SC	1
17	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	1
18	74776798 P332000007	Nut JIS	M12	1
19	74453078 3830187	Y-axis Nut Holder		1
20	74419244 P330060082	Bolt JIS	M16X65-12.9	5
21	74569726 6812669	Reamer Bolt		1
22	74303705 6012794	Washer M16		6
23	74415431 6826278	Damper +Y		1
24	74159712 P330230018	Hex Socket Cap Screw	M8X80	4

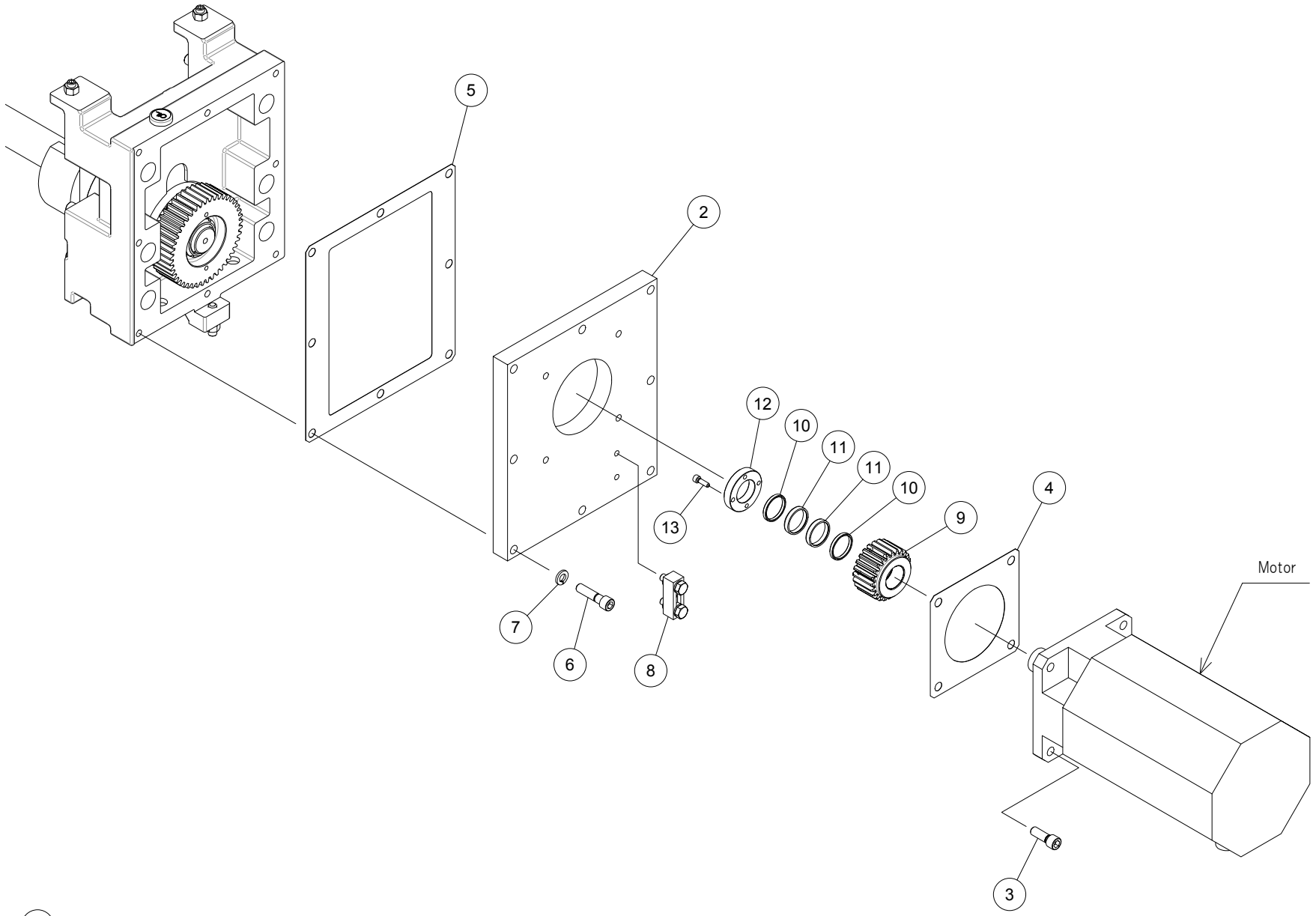
Unit No. 414 Y-axis <Y-axis Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183027 P336000006	Washer JIS	8(Normal)	4
26	74417357 6874261	Bearing Case (Y Driven)		1
27	74388330 6593438 A	Guide Shaft		1
28	74534629 P330580020	Socket Set Screw JIS	M6X10(Truncated Cone Point)	1
29	74385237 6593439	Conical Spring Washer Guide		2
30	74305428 P336155005	Conical Spring Washer HHK	MDS30-1	8
31	74384110 P330260037	Hex Socket Cap Screw	M16X65	2
32	74417358 6874262	Bearing Cover		1
33	74561631 6597141 A	Bearing Cover R		2
34	74354330 P330230001	Hex Socket Cap Screw	M8X10	6
35	74417359 7830983	Complex Bearing NSK	6208DDUC3**DBCP13P5** AV2S	1
36	74571252 P406168056	Lock Nut FUJI SEIMITSU	FU08SS	1

Unit No. 414 Y-axis <Y-axis Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74561632	Oil Cap	RCB-TYPE2-23	1
	P549038017	NOK		
38	74902071	Washer M16		6
	6043239			

Unit No. 415 Y-axis <Y Motor Installation Kit>



1 Y Motor Installation Kit

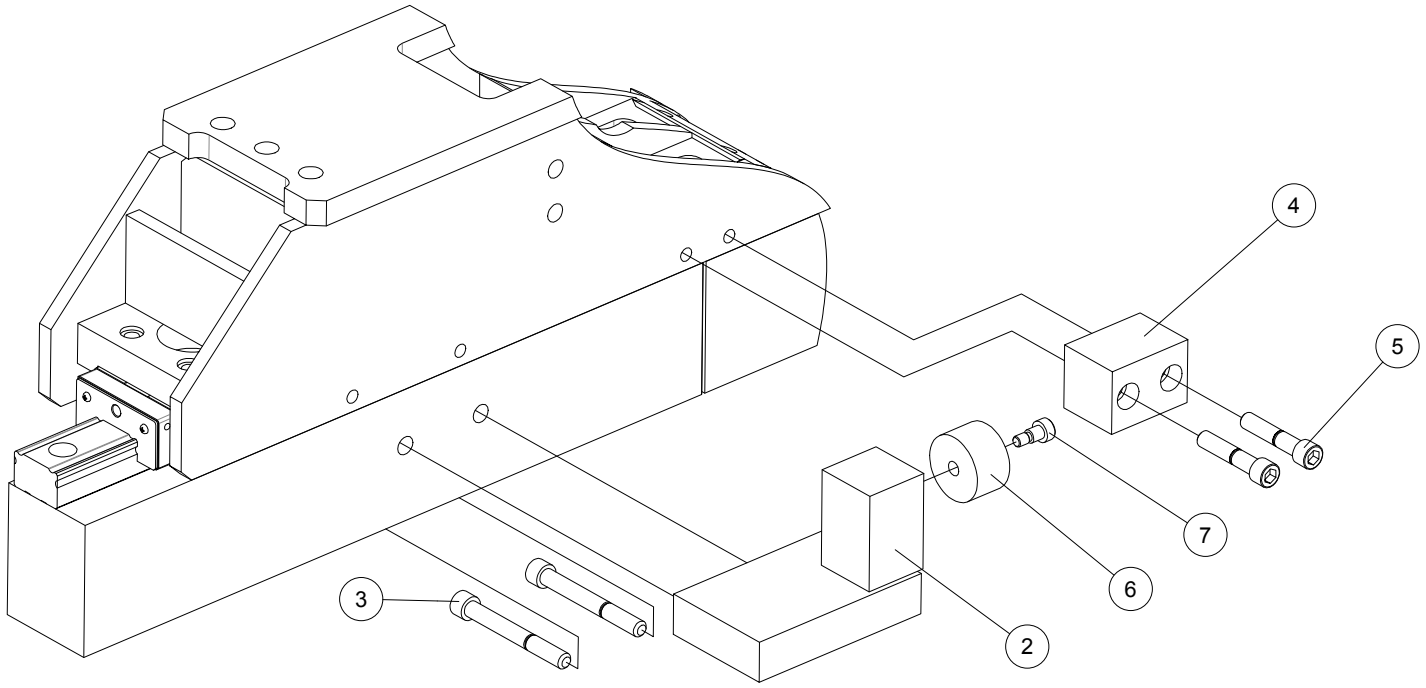
6871702

Unit No. 415 Y-axis <Y Motor Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6871702	Y Motor Installation Kit	Index 2-13	1
2	74389175 6597136 A	Motor Bracket		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	4
4	74161701 0805560	Packing		1
5	74389176 6597149 A	Packing		1
6	74183659 P330250009	Hex Socket Cap Screw	M12X50	8
7	74183104 P336050008	Spring Washer JIS	12	8
8	74389177 P600103040	Level Gauge KOHO	AP-1-40 (with Float)	1
9	74569723 6826692	Y-axis Drive Gear		1
10	74562740 0805558 B	Spacer		2
11	74382755 P432308019	Shaft Clamp Element PETA	PSV3001-35X40	2
12	74161632 0815519	Flange Terminal		1

Unit No. 415 Y-axis <Y Motor Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183611 / P330220009	Hex Socket Cap Screw / JIS	M6X20 /	4



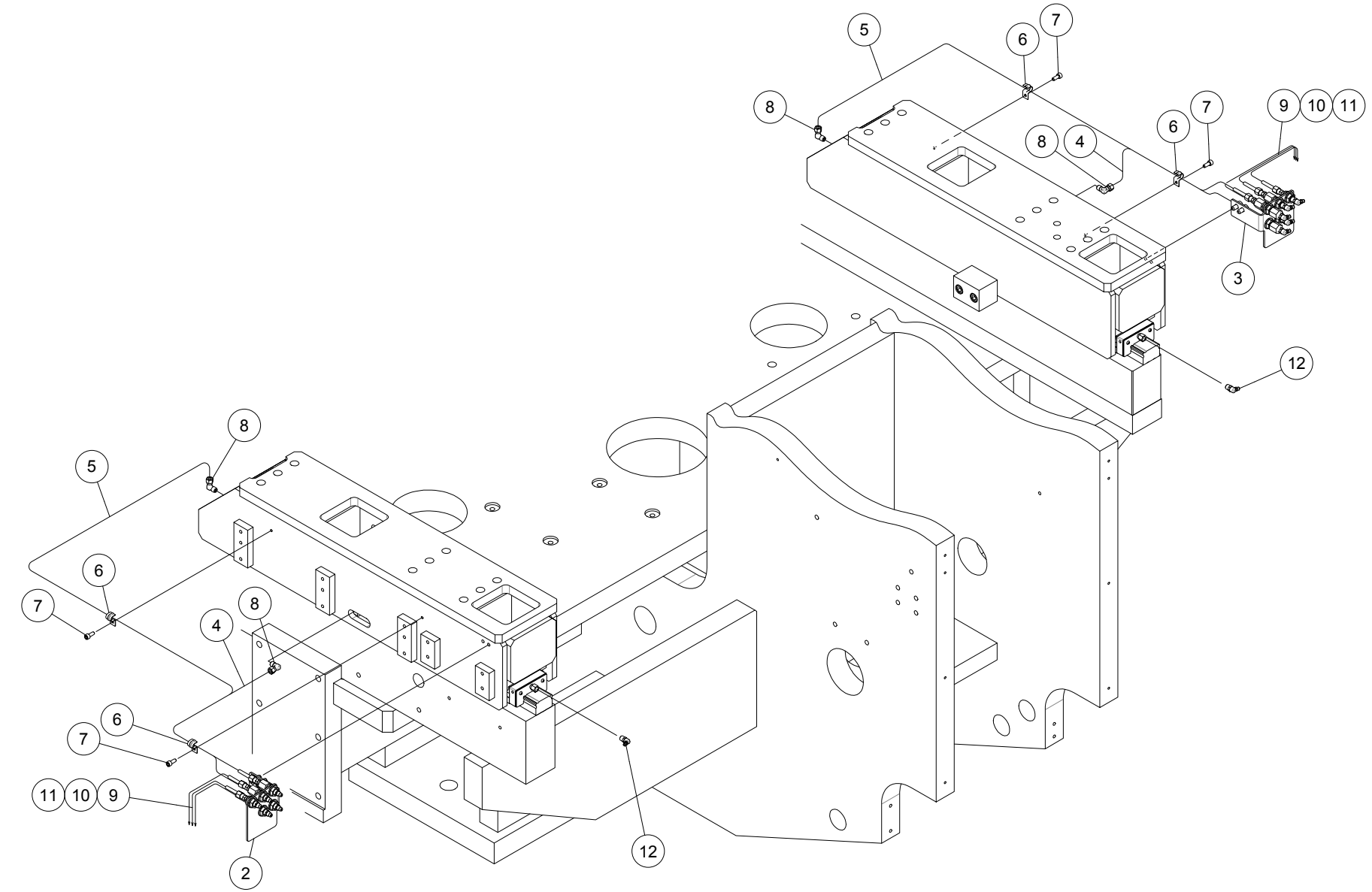
(1) Damper (-YR) ASSY

CE01443---

Unit No. 416 Y-axis <Damper (-YR) ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01443---	Damper (-YR) ASSY	Index 2-7	1
2	74401964 CE01446---	Stopper R		1
3	74354504 P330250018	Hex Socket Cap Screw	M12X100	2
4	74569735 7564908	Damper Block	S50-70	1
5	74183705 P330250011	Hex Socket Cap Screw	M12X60	2
6	74415434 6820486 A	Damper -Y	D50	1
7	74776872 P338134062	Shoulder Screw MISUMI	MSB10-10	1

Unit No. 417 Y-axis <Y-axis Lubrication ASSY>

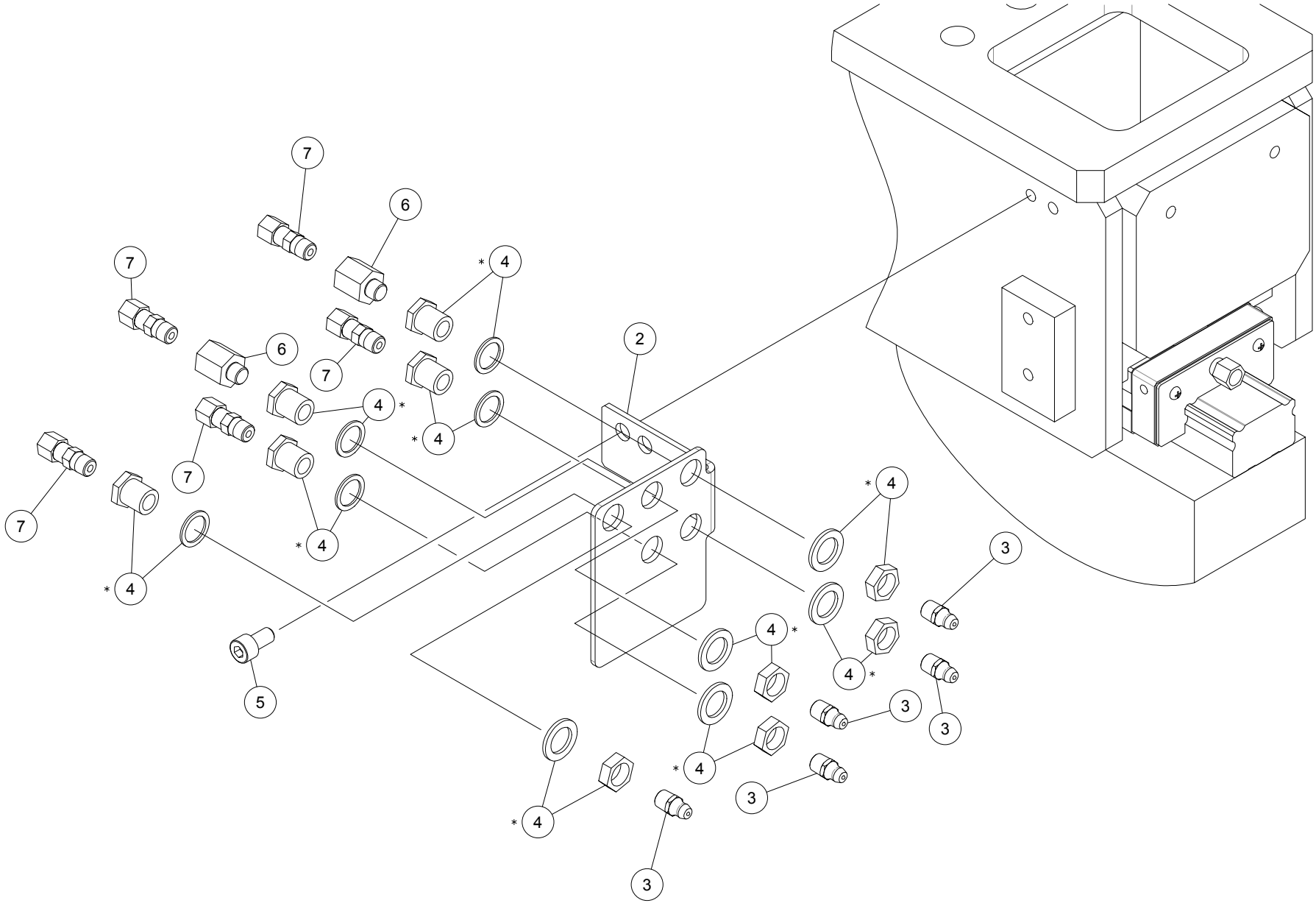


(1) Y-axis Lubrication ASSY

CE01444---
(CE01150---)

Unit No. 417 Y-axis <Y-axis Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01444---	Y-axis Lubrication ASSY	Index 2-12	1
2	CE01151---	Lubricating Bracket (YF) ASSY		1
3	CE01152---	Lubricating Bracket (YR) ASSY		1
4	74417360 P230224044	Plastic Hose AOI	AX-1206(White)-0.5M	2
5	74731211 P230224078	Plastic Hose AOI	AX-1206(White)-5M	2
6	74176050 P381017001	Saddle for Conduit DAIWA DENGYO	CH-6	4
7	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
8	74722933 P585536006	Bite Type Pipe Fitting AOI	ML-2061 (Male Elbow)	4
9	74570269 P230224086	Plastic Hose AOI	AX-1206(White)-2M	2
10	74176050 P381017001	Saddle for Conduit DAIWA DENGYO	CH-6	4
11	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
12	74176715 P560600006	Grease Nipple KURITA	B-PT1/8	2

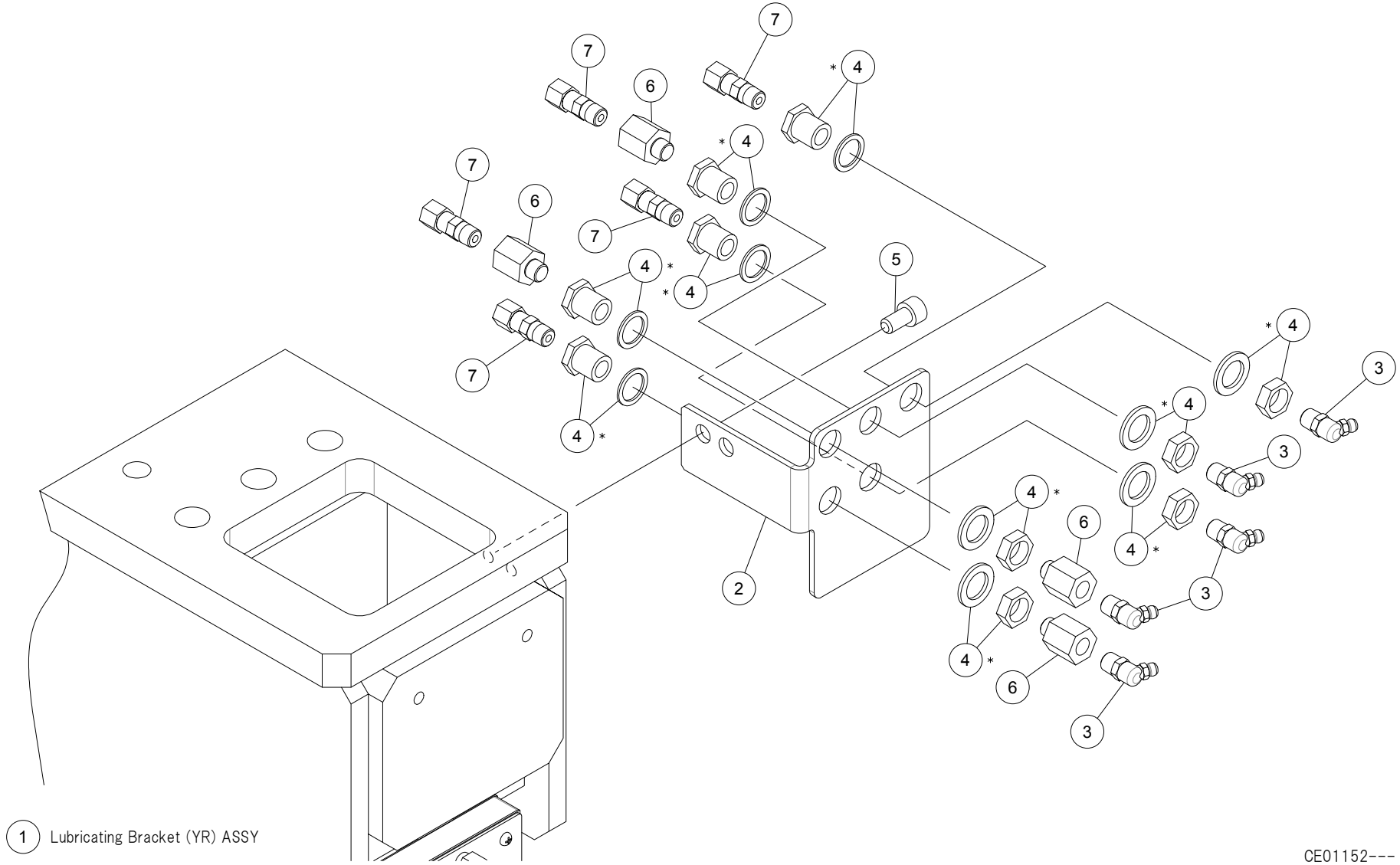


(1) Lubricating Bracket (YF) ASSY

CE01151---

Unit No. 418 Y-axis <Lubricating Bracket (YF) ASSY>

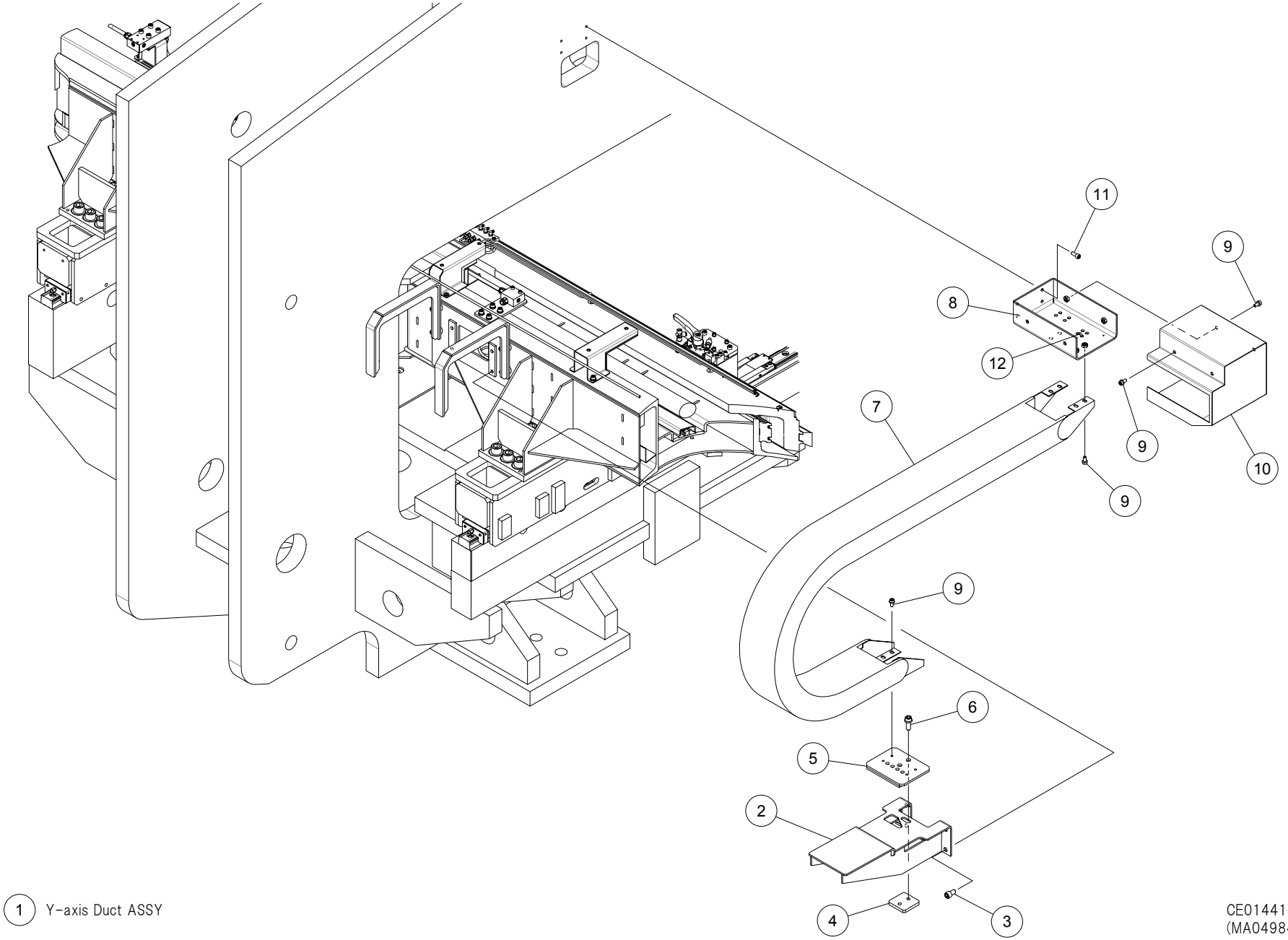
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01151---	Lubricating Bracket (YF) ASSY	Index 2-7	1
2	74400519 CE01153---	Lubrication Bracket YF		1
3	74176714 P560600004	Grease Nipple	A-PT1/8	5
4	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	5
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
6	74415541 P580008008	Socket for Piping The Yokohama Rubber	2040-PT1/8	2
7	74570523 P585538009	Bite Type Pipe Fitting IHARA Science	KC6-R1/8-B-1	5


1 Lubricating Bracket (YR) ASSY
CE01152---

Unit No. 419 Y-axis <Lubricating Bracket (YR) ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01152---	Lubricating Bracket (YR) ASSY	Index 2-7	1
2	74400520 CE01154---	Lubrication Bracket YR		1
3	74176715 P560600006	Grease Nipple KURITA	B-PT1/8	5
4	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	5
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
6	74415541 P580008008	Socket for Piping The Yokohama Rubber	2040-PT1/8	4
7	74570523 P585538009	Bite Type Pipe Fitting IHARA Science	KC6-R1/8-B-1	5

Unit No. 420 Y-axis <Piping Duct Y ASSY>

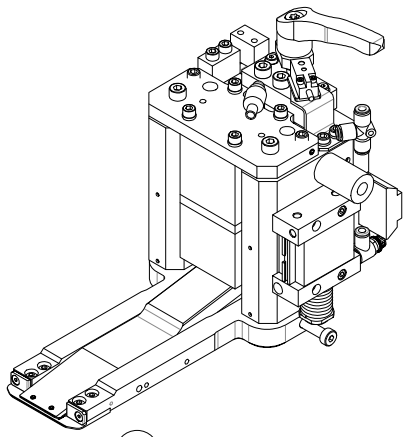


(1) Y-axis Duct ASSY

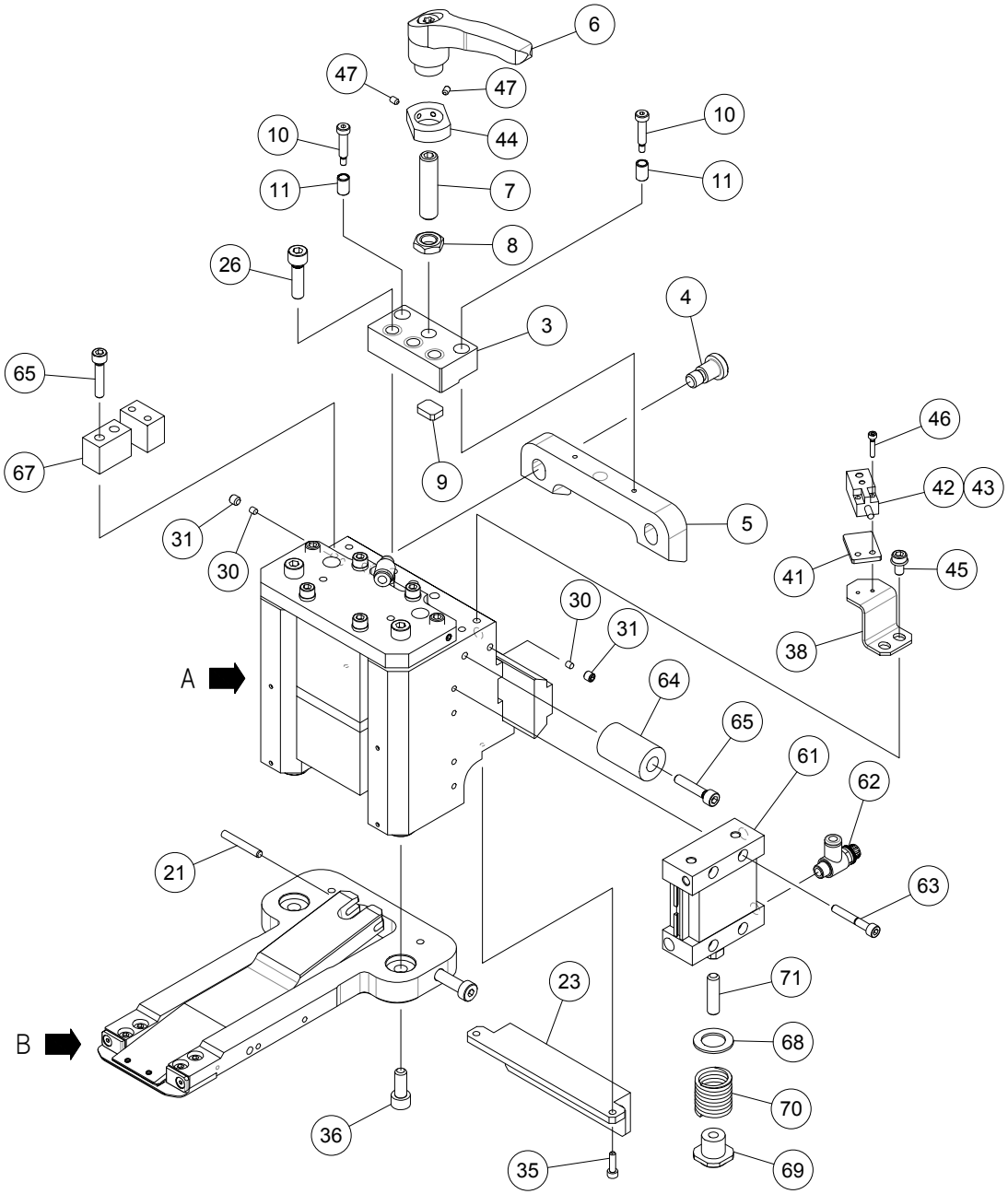
CE01441---
(MA04984---)

Unit No. 420 Y-axis <Piping Duct Y ASSY>

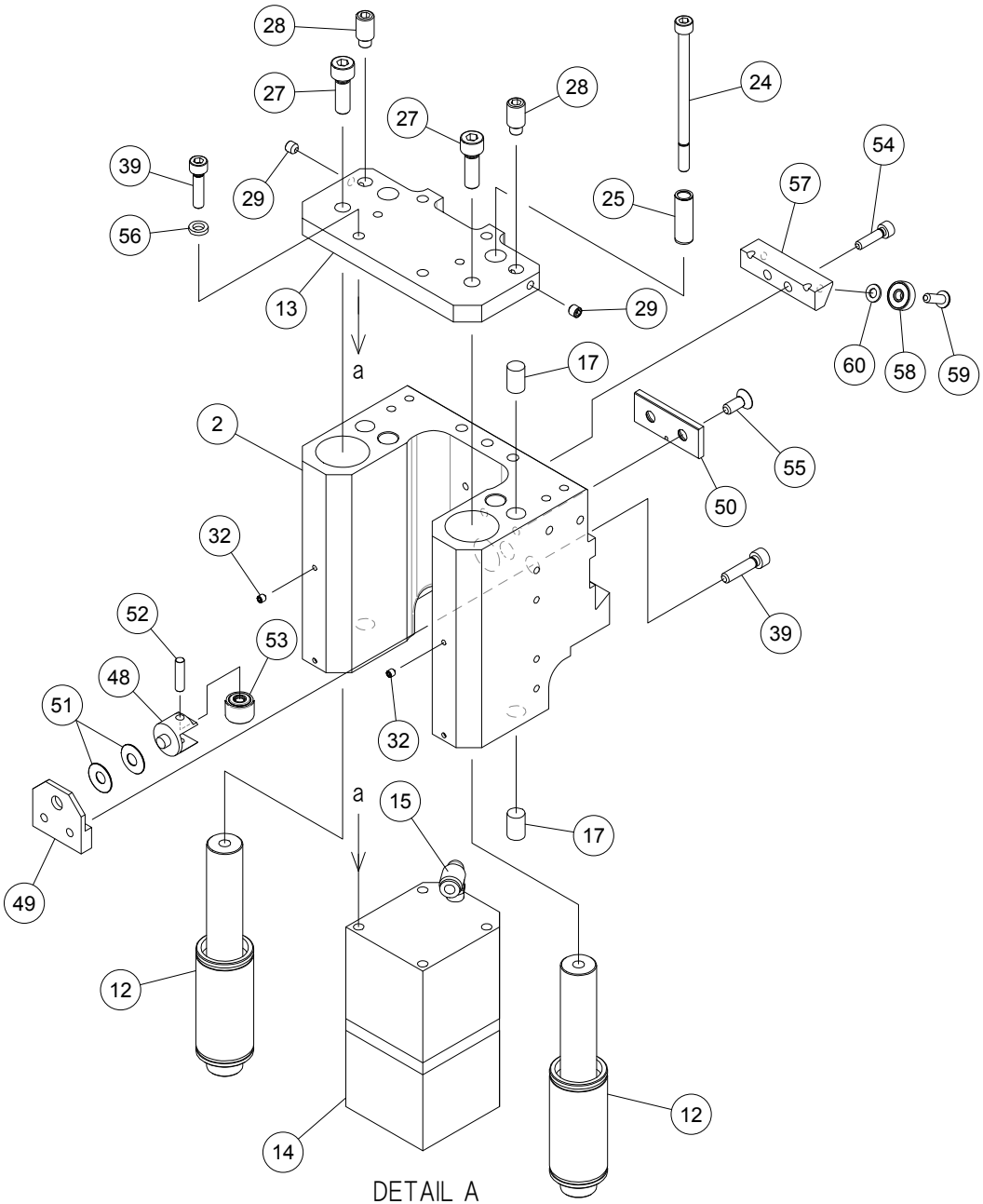
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01441---	Y-axis Duct ASSY	Index 2-12	1
2	74902684 MA04988---	Bracket Lower		1
3	74183653 P330250003	Hex Socket Cap Screw	M12X20	4
4	74741203 3833302	Nut Plate		1
5	74902683 MA04987---	Slide Plate		1
6	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	2
7	74388402 7830414	Runner Flex TSUBAKIMOTO CHAIN		1
8	74419887 6828734 A	Duct Bracket Upper	T4.5	1
9	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
10	74415523 6828735	Duct Wiring Cover Upper	T1.6	1
11	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	12
12	74307822 P381058013	Cable Band SHIBAKEI	CV-200N	12



1 Loading Workclamp ASSY

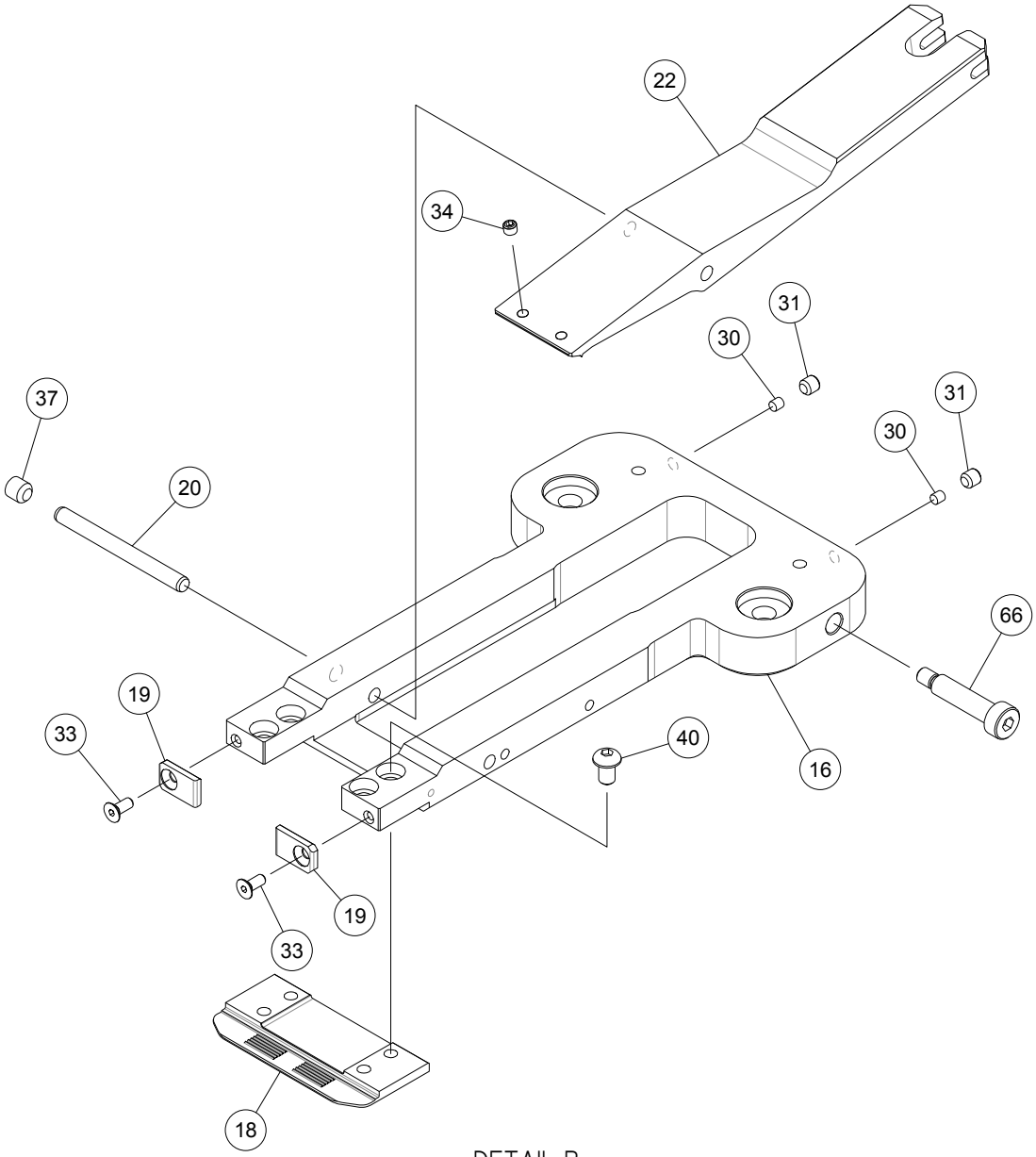


MA03304--A



DETAIL A

MA03304--A



DETAIL B

MA03304--A

Unit No. 421 Loading Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403038 MA03304--A	Loading Workclamp ASSY	Index 2-71	3
2	74403039 MA03306--A	Clamp Housing		1
3	74453970 6894833	Lever Block		1
4	74450255 6891271	Pressure Pin		2
5	74450256 6891272	Lock Plate		1
6	74453971 P437354061	Lever IMAO Mfg	FKF12-SV	1
7	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	1
8	74183212 P332000020	Nut JIS	M12(Thin)	1
9	74080520 6894834--A	Plate		1
10	74776873 P338134069	Shoulder Screw MISUMI	MSB5.5-20	2
11	74450258 P320065245	Coil Spring MISUMI	WT8-20	2
12	74450259 7831148	Stroke Bearing THK	STF203270+151L	2

Unit No. 421 Loading Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613021 6891268--A	Roof Plate		1
14	74450261 7831646	Cylinder SMC	CQP2A50-24-DCJ234CJ with Index 15	1
15	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
16	74902501 MA03307--A	Clamp Base		1
17	74901759 0806009--A	Cushion		4
18	74902503 MA03309---	Clamp Plate		1
19	74450265 6891298	Stopper Plate		2
20	74571118 0826285	Parallel Pin		1
21	74450266 P337054019	Parallel Pin MISUMI	MS5-35	1
22	74902499 MA03302---	Clamper		1
23	74451840 3809552 A	Sensor Dog	L50X50X6	1
24	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	2

Unit No. 421 Loading Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303505 0826218	Hook Spring		2
26	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
27	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
28	74776790 P330570033	Socket Set Screw JIS	M10X20(Long Dog Point)	2
29	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	2
30	74303816 0806073	Insert		4
31	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	4
32	74183112 P330580006	Socket Set Screw JIS	M4X5(Truncated Cone Point)	4
33	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
34	74305513 0826186	Socket Set Screw	M5X6	2
35	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
36	74183621 P330230006	Hex Socket Cap Screw	M8X20	2

Unit No. 421 Loading Workclamp

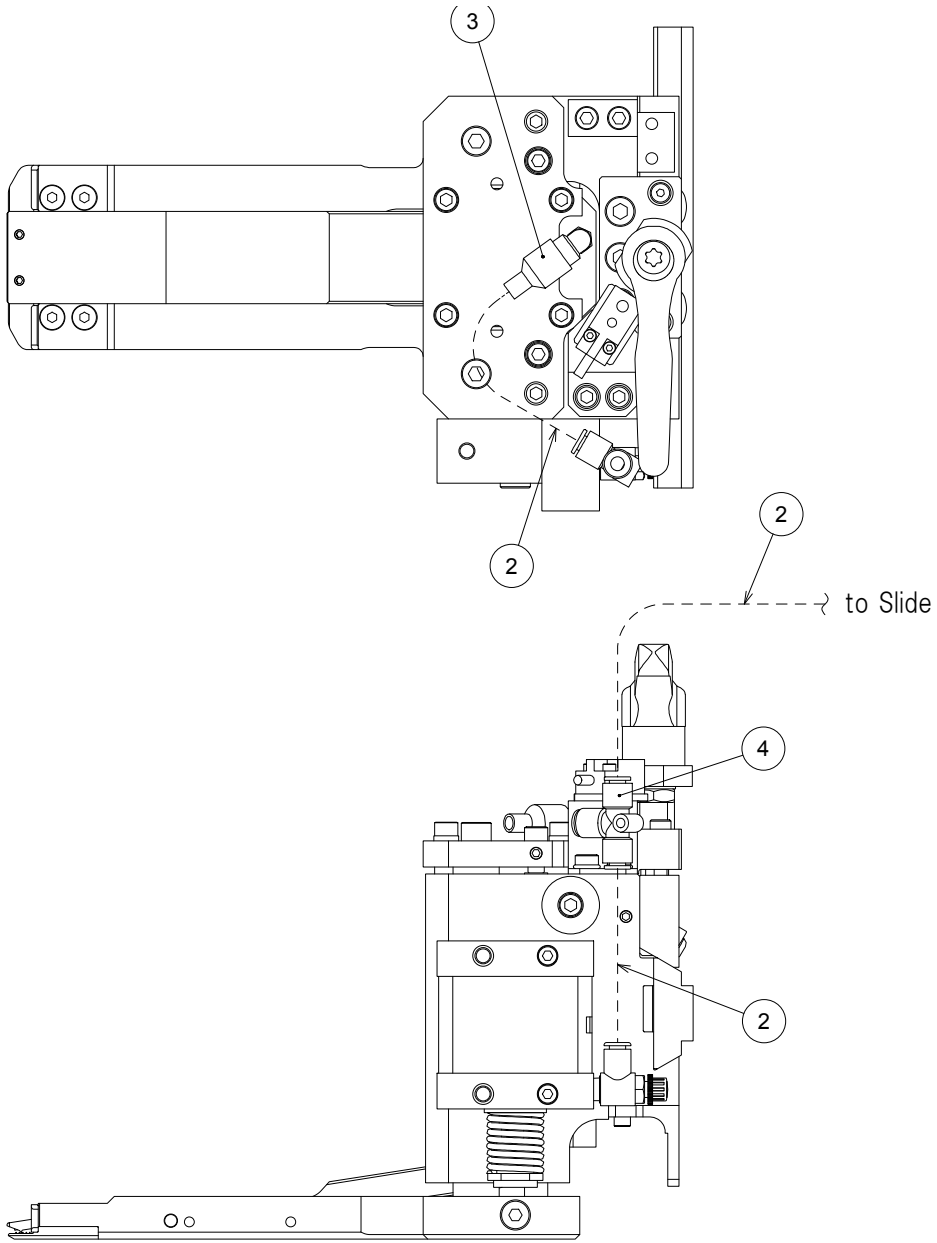
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74383659 P330590023	Socket Set Screw JIS	M8X8(Cup Point)	1
38	74902046 3834287---	Sensor Bracket		1
39	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
40	74183302 P334500013	Button Head Screw	M6X10	4
41	74571342 6827529	Insulating Plate		1
42	74902049 3834315---	Sensor Cable	with Index 43	1
43	74902899 S420360---	Proximity Switch YAMATAKE	FL2R-4J6HD	1
44	74450269 6891287	Dog		1
45	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
46	74354301 P330200007	Hex Socket Cap Screw JIS	M3X16	2
47	74776793 P330590007	Socket Set Screw JIS	M4X6(Cup Point)	2
48	74317823 6016671 A	Retainer		1

Unit No. 421 Loading Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74317827 6016672	Clamping Plate		1
50	74450270 6891283	Plate		1
51	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
52	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
53	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
54	74314404 P330210009	Hex Socket Cap Screw	M5X20	2
55	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	2
56	74450271 P336308004	Locking Washer NORD LOCK JAPAN	NL6SS	4
57	74450272 6891285	Roller Bracket		1
58	74382417 P400007019	Ball Bearing NSK	625ZZ1MC3E	2
59	74355302 P334500041	Button Head Screw	M5X15	2
60	74776840 P336000080	Washer	5(Normal)	2

Unit No. 421 Loading Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903266 / P550032011	Air Cylinder / SMC	MUB32-10T	1
62	74386176 / P555002056	Speed Controller / SMC	AS2201F-01-06S	1
63	74304902 / P330210012	Hex Socket Cap Screw	M5X35	2
64	74450796 / P229258051	Stopper / MISUMI	AZXS25-40-M6-21	1
65	74183614 / P330220012	Hex Socket Cap Screw	M6X30	3
66	74379250 / P338134019	Shoulder Screw / MISUMI	MSB8-30	1
67	74902045 / 3834286--B	Connector Block		1
68	74902042 / 3834268--A	Washer		1
69	74902502 / MA03308---	Pull Lot		1
70	74902041 / 3834267---	Spring		1
71	74776785 / P330550043	Socket Set Screw / JIS	M8X30(Flat Point)	1

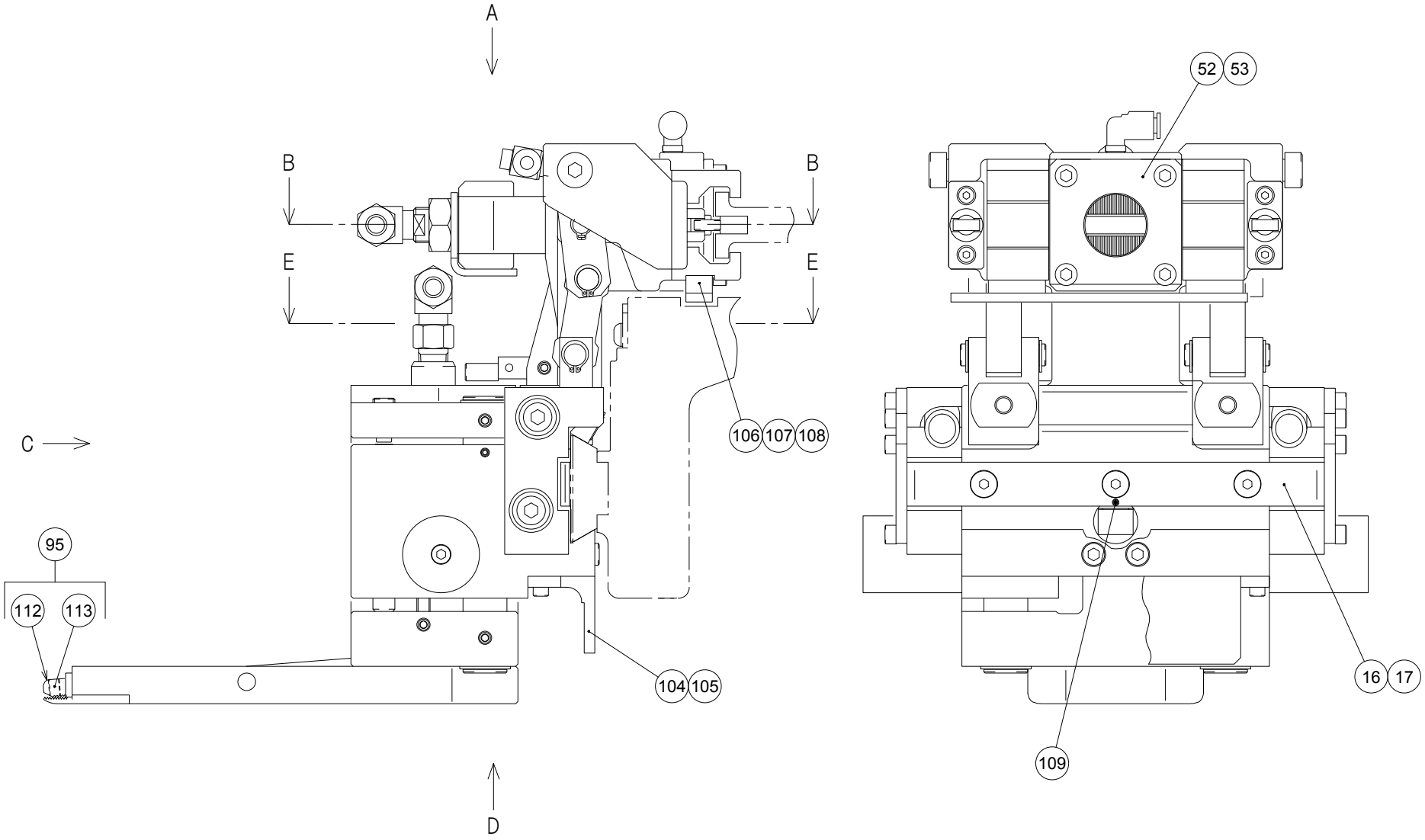


(1) Loading Workclamp Piping ASSY

MA03305---
(MA03304---)

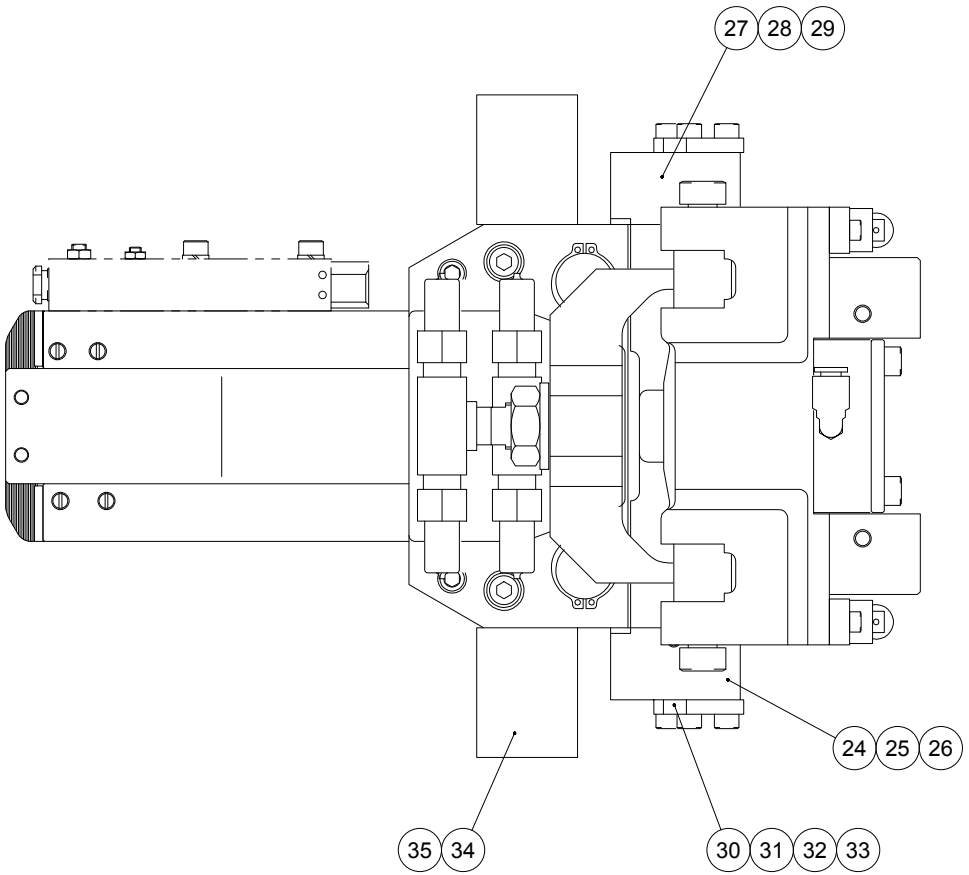
Unit No. 422 Loading Workclamp <Piping>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Loading Workclamp Piping ASSY		2
	MA03305---		Index 2-4	
2	74903073	Plastic Hose	SP4-06(Black)-0.175M	3
	P230223149	JUNKOSHA		
3	74777064	Accessory for One Touch Fitting	CAP-06	1
	P586685004	JUNKOSHA		
4	74903334	One Touch Fitting	KRT06-00	1
	P586593036	SMC		

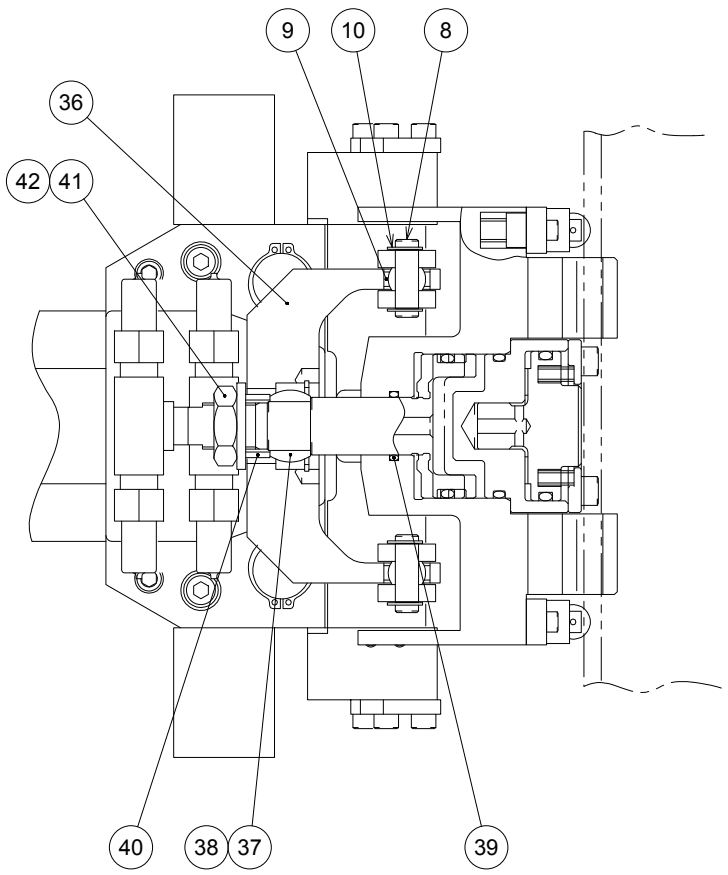


(1) C/P Clamp (2)(111) Sub ASSY

MA03360---
(3809560 D)

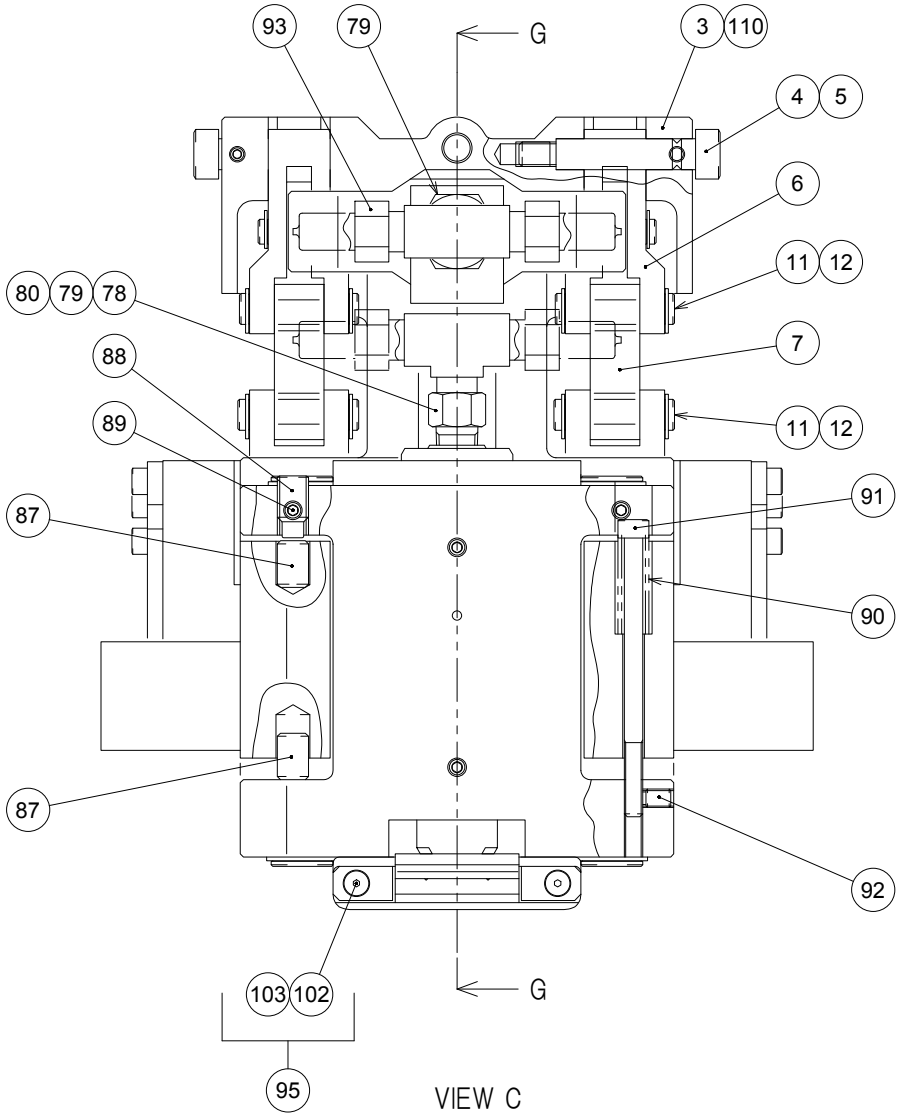


VIEW A



SECTION B-B

MA03360---
(3809560 D)



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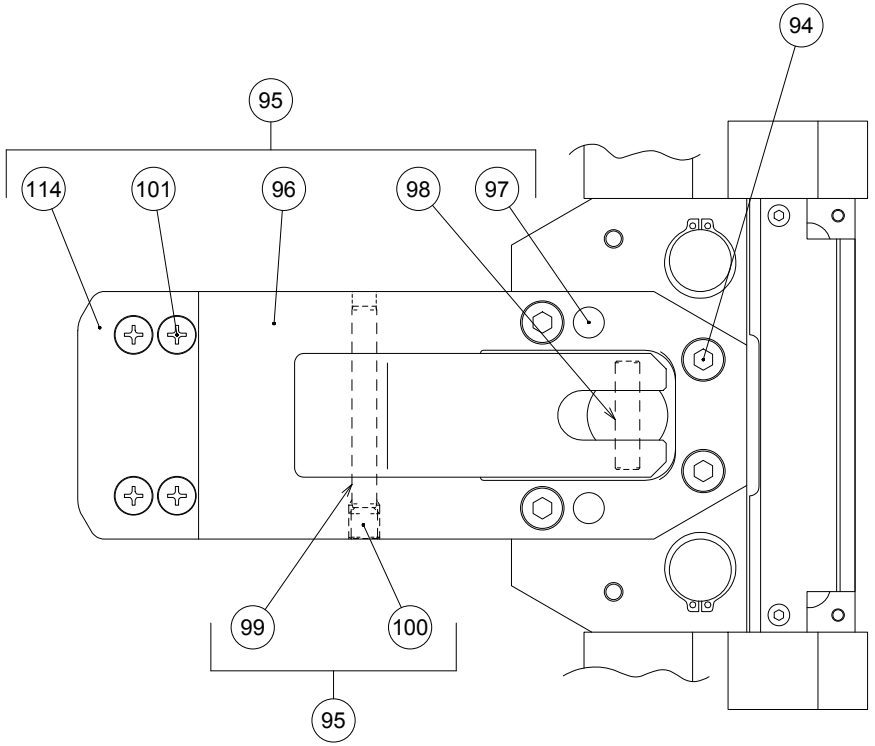
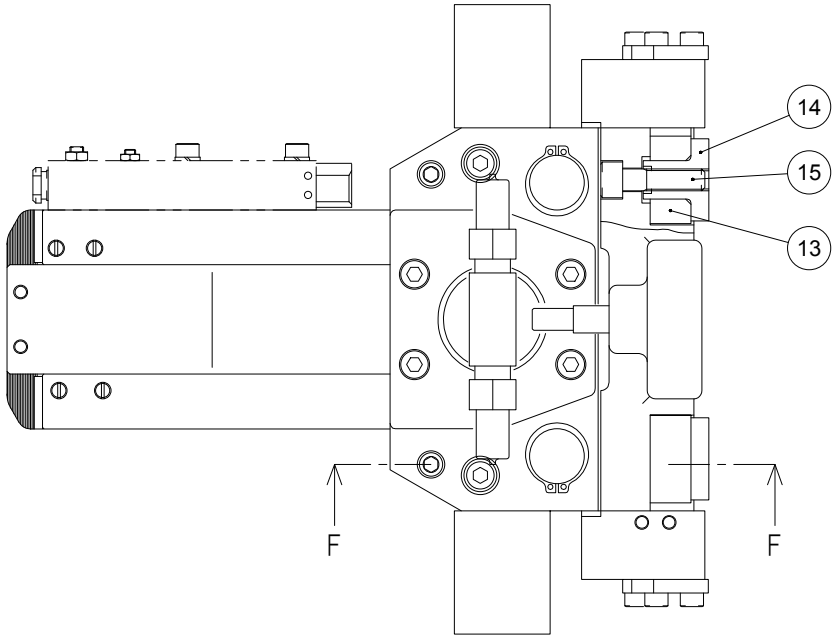
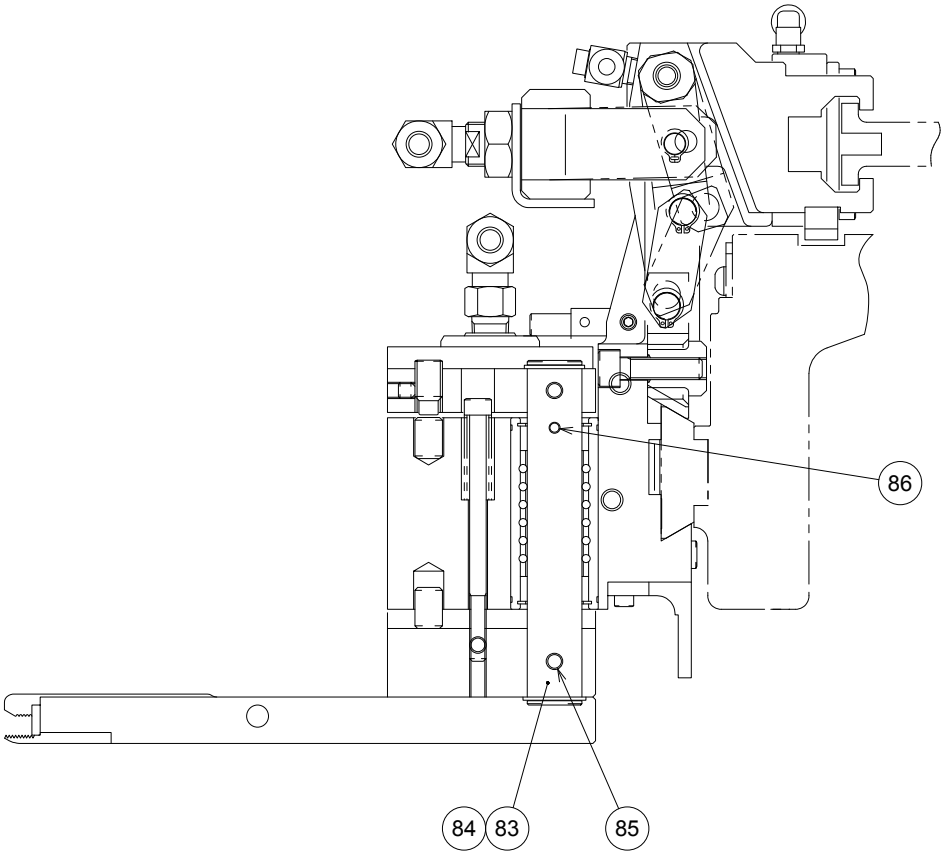


VIEW D

MA03360---
(3809560 D)

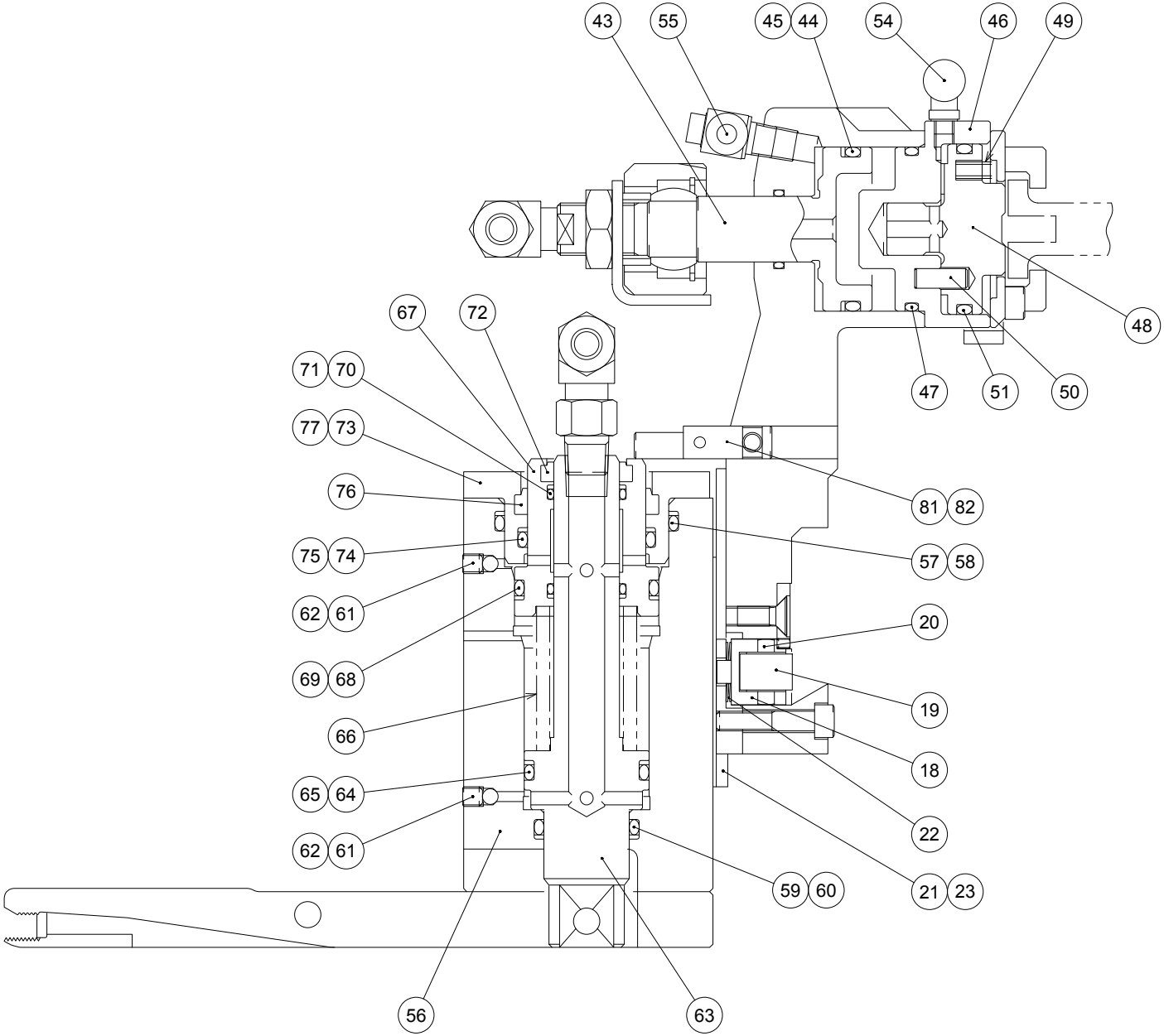


SECTION E-E



SECTION F-F

MA03360---
(3809560 D)



SECTION G-G

MA03360---
(3809560 D)

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03360---	C/P Clamp	Index 2-114	1
2	74403043 MA03367--B	Loading Workclamp ASSY C/P	Index 3-110	2
3	74902079 6820625--C	Clamp Housing		1
4	74317809 6016663	Shoulder Screw		2
5	74161717 P330580013	Socket Set Screw JIS	M5X8(Sharp Type)	2
6	74453233 6016664 B	Arm A		2
7	74453234 6016665 A	Arm B		2
8	74317902 6016666	Pin B		2
9	74318210 P409143006	Spherical Bearing IKO	GE8E	2
10	74314615 P406108031	Locating Snap Ring OCHIAI	STW-8	4
11	74317901 6016667	Pin A		4
12	74183425 P406108033	Locating Snap Ring OCHIAI	STW-10	8

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74453235 6016668 C	Lock Plate		2
14	74317911 6016669 A	Pressure Nut		2
15	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
16	74573646 6016670 A	Plate		1
17	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	3
18	74317823 6016671 A	Retainer		1
19	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
20	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
21	74317827 6016672	Clamping Plate		1
22	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
23	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
24	74569436 6820626	Bracket Side R		1

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74573649 P409100540	Cam Follower THK & others	CF6UU	1
26	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
27	74569437 6820627	Bracket Side L		1
28	74573649 P409100540	Cam Follower THK & others	CF6UU	1
29	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
30	74318009 6013538 A	Scraper 1	SSH#100	2
31	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
32	74318010 6013539	Scraper 2	SSH#100	2
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
34	74317329 6016676 A	Stopper		2
35	74314406 P330210011	Hex Socket Cap Screw	M5X30	2
36	74453236 6910316 C	Arm Lock		1

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74318209	Spherical Bearing	GE17ES	1
	P409143005	IKO		
38	74318215	Locating Snap Ring	BR30	1
	P406104001	NTN		
39	74318219	O Ring	1A-P20	1
	P590002018	NOK		
40	74318023	Collar		1
	6013552 A			
41	74183215	Nut	M16(Thin)	1
	P332000022	JIS		
42	74812171	Stopper Plate		1
	6910309 A			
43	74565291	Piston A		1
	6910304 C			
44	74571333	O Ring	1A-P44	1
	P590002043	NOK		
45	74565301	Backup Ring	T2-P44	1
	P590042096	NOK		
46	74565294	Cap Cylinder		1
	6910306 A			
47	74706144	O Ring	1A-G45	1
	P590012005	NOK		
48	74812172	Piston B		1
	6820572 A			

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74565297	Coil Spring	WH5-15	6
	P320065150	MISUMI		
50	74387845	Parallel Pin	A-6X15	1
	P337020270	JIS		
51	74573662	O Ring	1A-P46	1
	P590002045	NOK		
52	74183616	Hex Socket Cap Screw	M6X40	4
	P330220014			
53	74565296	Cylinder Cover	F60X60	1
	6910307			
54	74812173	One Touch Fitting	KAL06-M6	1
	P586563217	SMC		
55	74812174	One Touch Fitting	KRV06-01S	1
	P586563216	SMC		
56	74416430	Cylinder		1
	0826253 C			
57	74317108	O Ring	1A-P50	1
	P590002049	NOK		
58	74317112	Backup Ring	T2-P50	1
	P590042044	NOK		
59	74903338	O Ring	1A-P26	1
	P590002026	NOK		
60	74116015	Backup Ring	T2-P26	1
	P590042008	NOK		

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74316027 P406000002	Steel Ball (for Bearing) JIS	3/16	2
62	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
63	74901760 0826254--F	Piston		1
64	74314825 P590002033	O Ring NOK	1A-P32	1
65	74717104 P590042042	Backup Ring NOK	T2-P32	1
66	74453609 0826255 B	Return Spring		1
67	74371563 0826256 B	Piston B		1
68	74316014 P590002038	O Ring NOK	1A-P38	1
69	74316019 P590042043	Backup Ring NOK	T2-P38	1
70	74318219 P590002018	O Ring NOK	1A-P20	2
71	74318217 P590042041	Backup Ring NOK	T2-P20	2
72	74318236 P590303024	Wiper Ring SAKAGAMI	SDR-20	1

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74380326 0826257 B	Cylinder Cover		1
74	74316013 P590002037	O Ring NOK	1A-P36	1
75	74316018 P590042045	Backup Ring NOK	T2-P36	1
76	74318237 P590303025	Wiper Ring SAKAGAMI	SDR-36	1
77	74183608 P330220006	Hex Socket Cap Screw	M6X15	6
78	74812175 P580000052	Socket for Piping KOYO	SXS-82810	1
79	74812176 P580107007	Tee KOYO	SMT-81810	2
80	74718723 P589026003	Quick Connect Joint NITTO KOHKI	1P-SUS	2
81	74317903 0826252 A	Stop Pin		1
82	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
83	74902113 7830778--A	Stroke Bearing THK	STF203270+126L(B)	2
84	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	4

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	4
86	74183112 P330580006	Socket Set Screw JIS	M4X5(Sharp Type)	4
87	74901759 0806009--A	Cushion		4
88	74776790 P330570033	Socket Set Screw JIS	M10X20(Dog-end)	2
89	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	2
90	74303505 0826218	Hook Spring		2
91	74304955 P330220024	Hex Socket Cap Screw	M6X90	2
92	74812177 P338298009	Socket Set Screw with Pad MISUMI	SBCP6-8	2
93	74453516 P589026038	Quick Connect Joint NITTO KOHKI	1P-SS400	2
94	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
95	74901758 SPT0134---	C/P Clamp Base ASSY	MA03371---MA03372---0826274 & others Index 96-103112-114	1
96	74902515 MA03371---	Clamp Base (Hydraulic)		1

Unit No. 423 C/P Workclamp

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74562190 P337054046	Parallel Pin MISUMI	MSTM10-30	2
98	74571154 P337020048	Parallel Pin JIS	A-8X35	1
99	74571153 0826286	Parallel Pin		1
100	74301604 P330590035	Socket Set Screw JIS	M10X10(Dimple Type)	1
101	74161590 0826035	Flat Head Screw	M6X12-SUS304	4
102	74421338 0816026 D	Stopper Plate		2
103	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
104	74451840 3809552 A	Sensor Dog	L50X50X6	1
105	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
106	74318027 6013554	Detection Bar		1
107	74570242 6820571	Spacer	F12X8-26	2
108	74776835 P334520055	Flat Head Bolt NISSAN NEJI	M5X20	2

Unit No. 423 C/P Workclamp

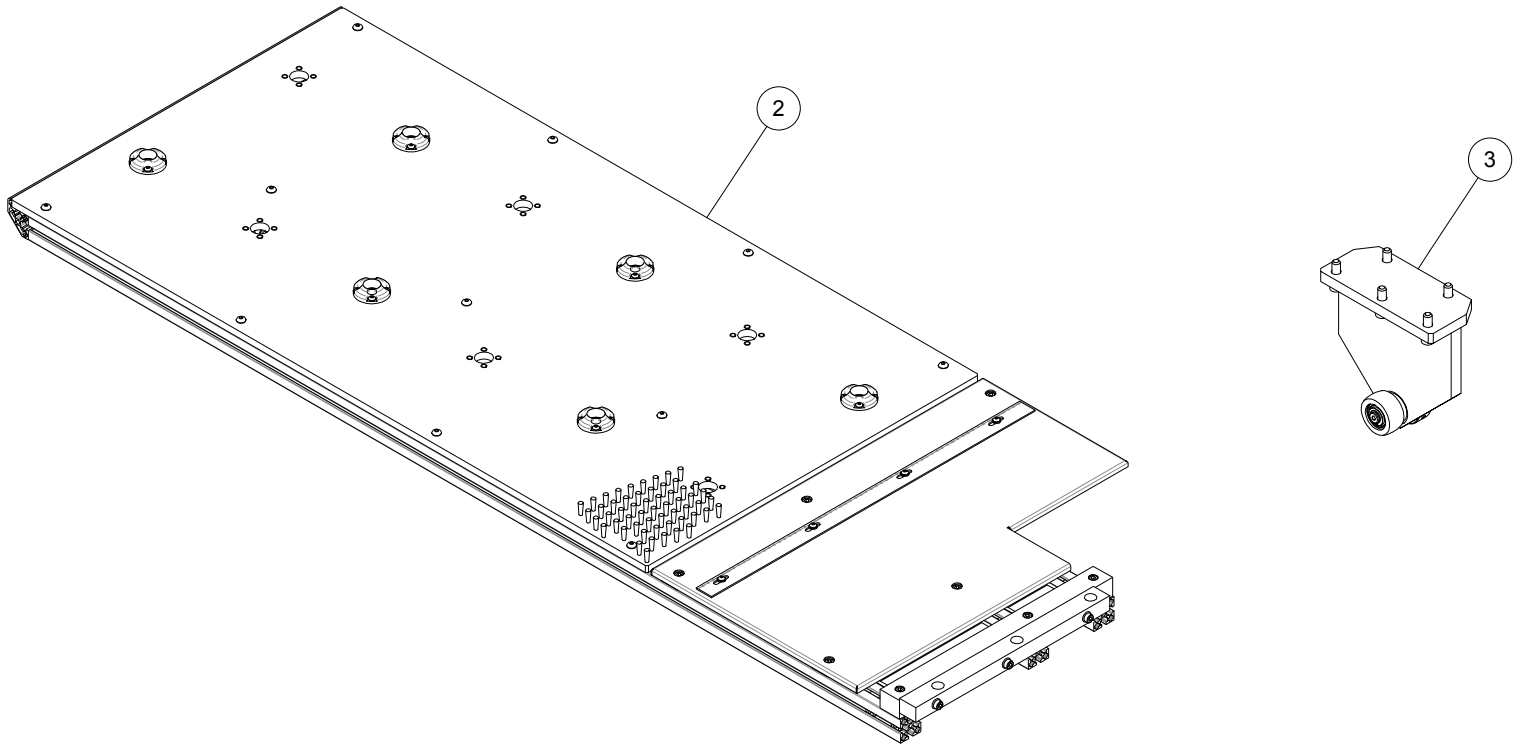
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74903134 P330550148	Socket Set Screw MOURI	M3X4(Flat Type)-A2-70	1
110	74902514 MA03370---	Clamp Housing Add Works		1
111	 MA03368---	L10MM (C/P) ASSY	 Index 112-114	2
112	74902516 MA03372---	Clamper (Hydraulic 10mm)		1
113	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	2
114	74161578 0826274	Clamping Plate (Hydraulic)		1

< List Only >

CE02250---

Unit No. 424 Brush Table <Main Body Front Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02250---	Main Body Front Table ASSY	Index 2-10	1
2	74401965 CE02251---	Sub Guide Arm F		2
3	74716101 P330260033	Hex Socket Cap Screw	M16X45	12
4	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
5	74401966 CE02252---	LM Guide Rail		1
6	74400354 7831413---	LM Guide NSK		1
7	74183624 P330230008	Hex Socket Cap Screw	M8X30	22
8	74415463 6871143	Adjusting Block		1
9	74389207 6597275	Shim 1		1
10	74388357 P337030132	Spring Pin JIS	13X40AW	2

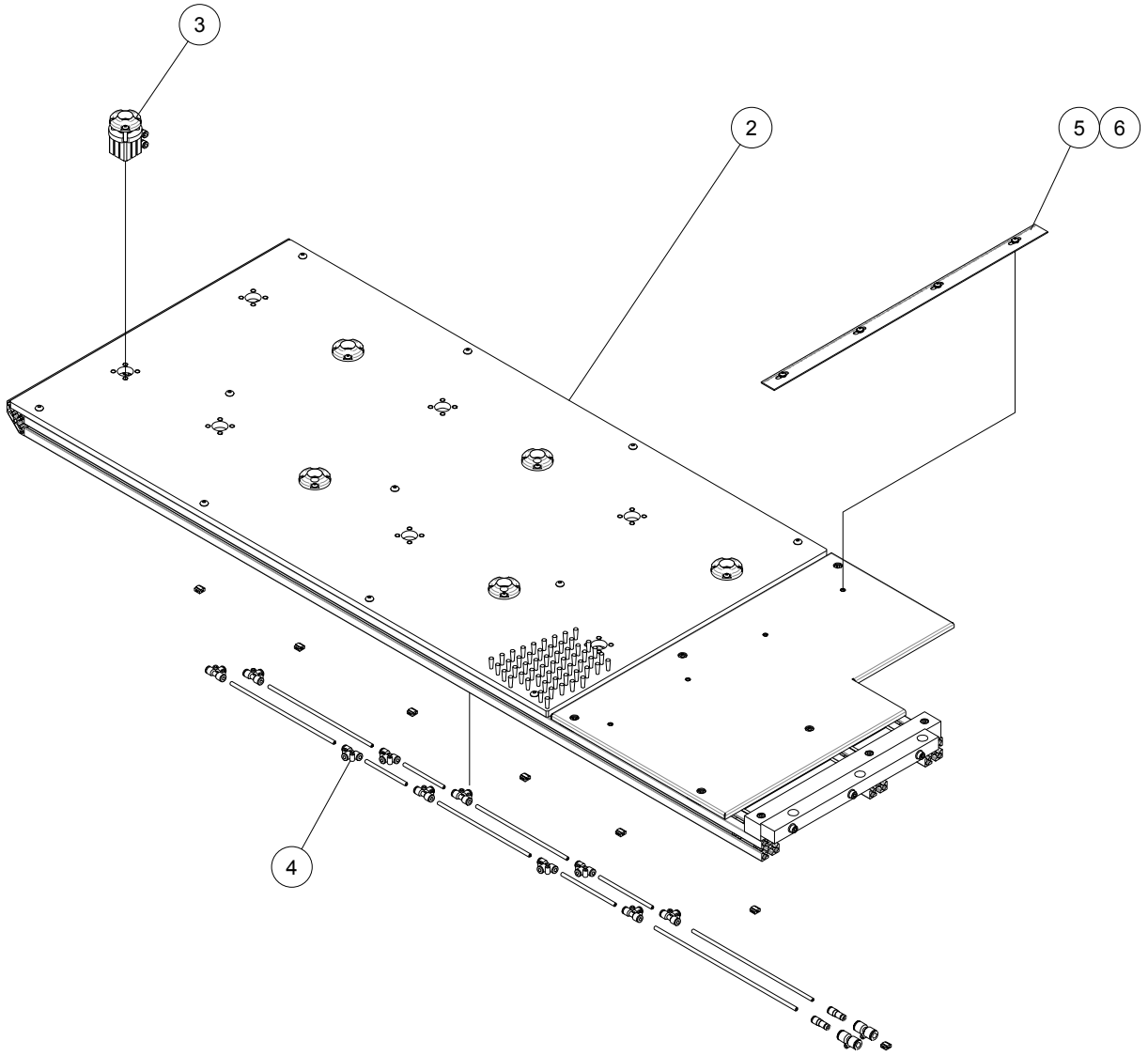


(1) Front Movable Table ASSY

CE02051---

Unit No. 425 Brush Table <Front Movable Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02051---	Front Movable Table ASSY	Index 2-4	1
2	CE01506--A	F Movable Table ASSY		1
3	CE02053---	Support Roller ASSY		1
4	CE02052---	F Movable Table Installation Kit	List Only	1

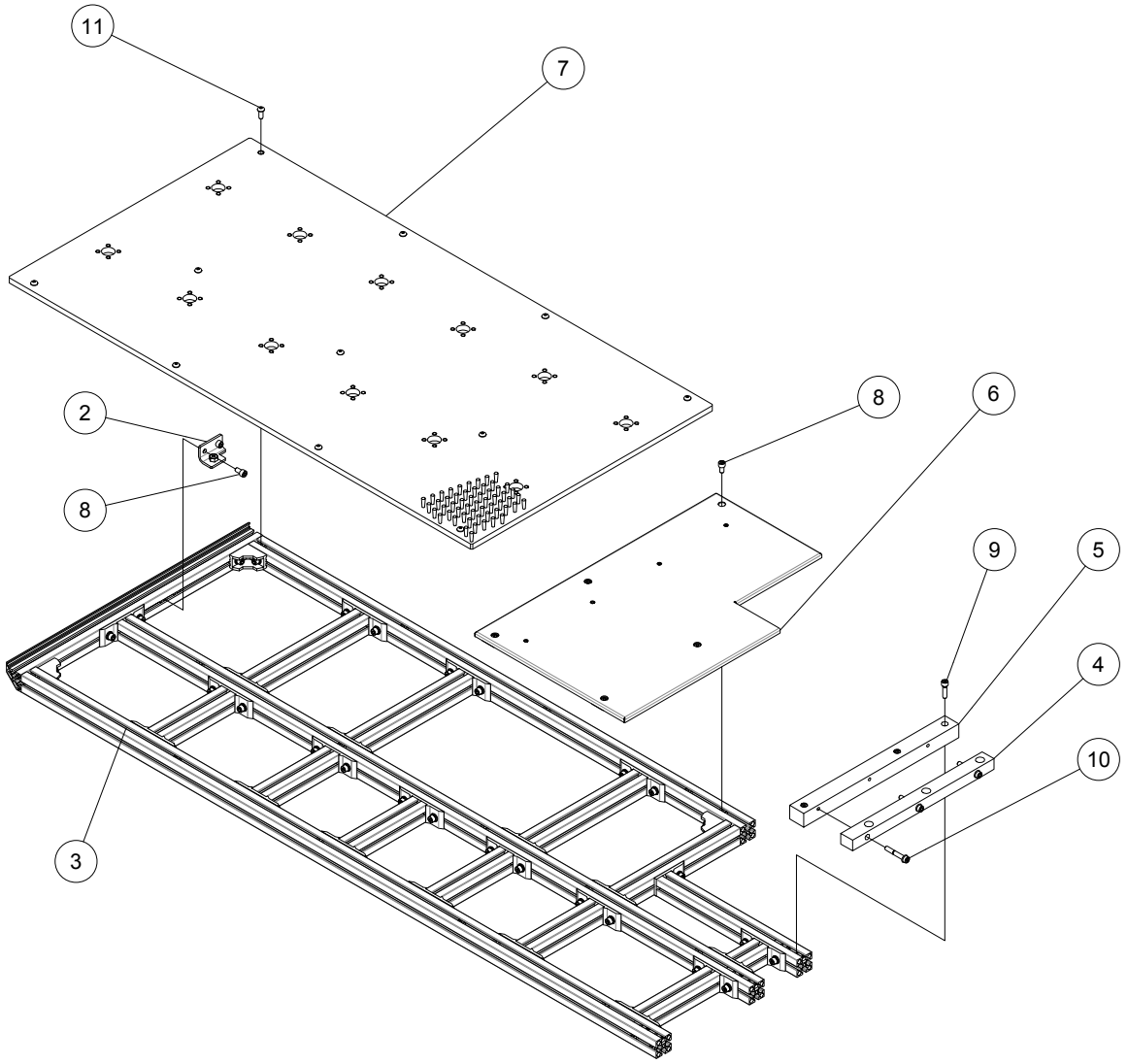


(1) F Movable Table ASSY

CE01506--A

Unit No. 426 Brush Table <F Movable Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01506--A	F Movable Table ASSY	Index 2-6	1
2	CE01507--A	F Movable Table Brush ASSY		1
3	6894867--A	F/B Up (Movable Table)		6
4	CE01630---	F Movable Table Piping Kit		1
5	CE01620---	Moving Table Kit (mm)		1
6	CE01622---	Scale F Moving Table Kit (inch)		1

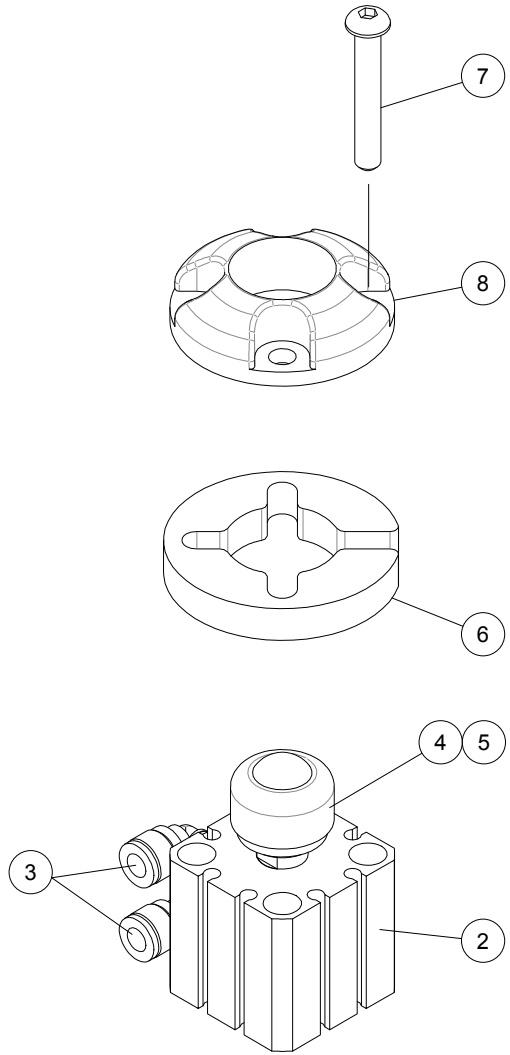


(1) F Movable Table Brush ASSY

CE01507--A

Unit No. 427 Brush Table <F Movable Table Brush ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01507--A	F Movable Table Brush ASSY	Index 2-11	1
2	74415467 6828651 A	Angle		1
3	74401967 7831418--A	Movable Table F NIC		1
4	74400356 CE00814---	Table Spacer 1		1
5	74400357 CE00815---	Table Spacer 2		1
6	74400358 CE01574---	Cover Table S		1
7	74400359 CE00820---	MDF Brush I-1		1
8	74183620 P330230004	Hex Socket Cap Screw	M8X15	7
9	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
10	74417391 P330468024	Flange Socket Bolt NISSAN NEJI	M8X50	3
11	74183316 P334500020	Button Head Screw	M8X20	11

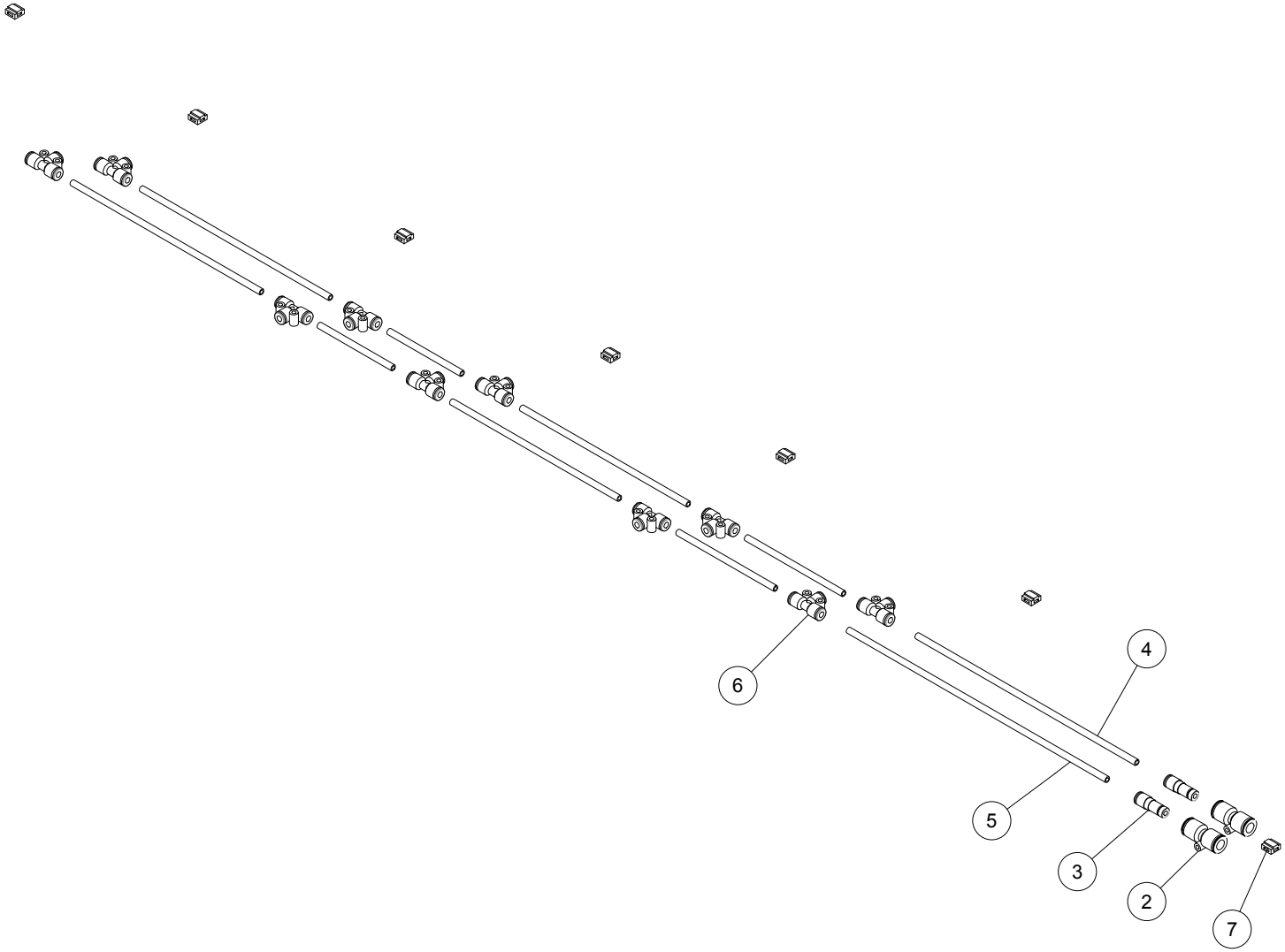


(1) F/B Up (Movable Table)

6894867--A

Unit No. 428 Brush Table <F/B Up(Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6894867--A	F/B Up (Movable Table)	Index 2-8	7
2	74613745 7831680--A	Cylinder SMC	CQSB25-15 with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	24
4	74613749 SPT0023---	PLANEVEYOR ATEC	PV20B-AM4	12
5	74613246 S420120---	Washer SMC	M8 (1.6t)	12
6	74417294 6875692	Cylinder Collar		1
7	74776829 P334500037	Button Head Screw JIS	M6X40	4
8	74453517 6894886	Free Bearing Guide		1



(1) F Movable Table Piping Kit

CE01630---

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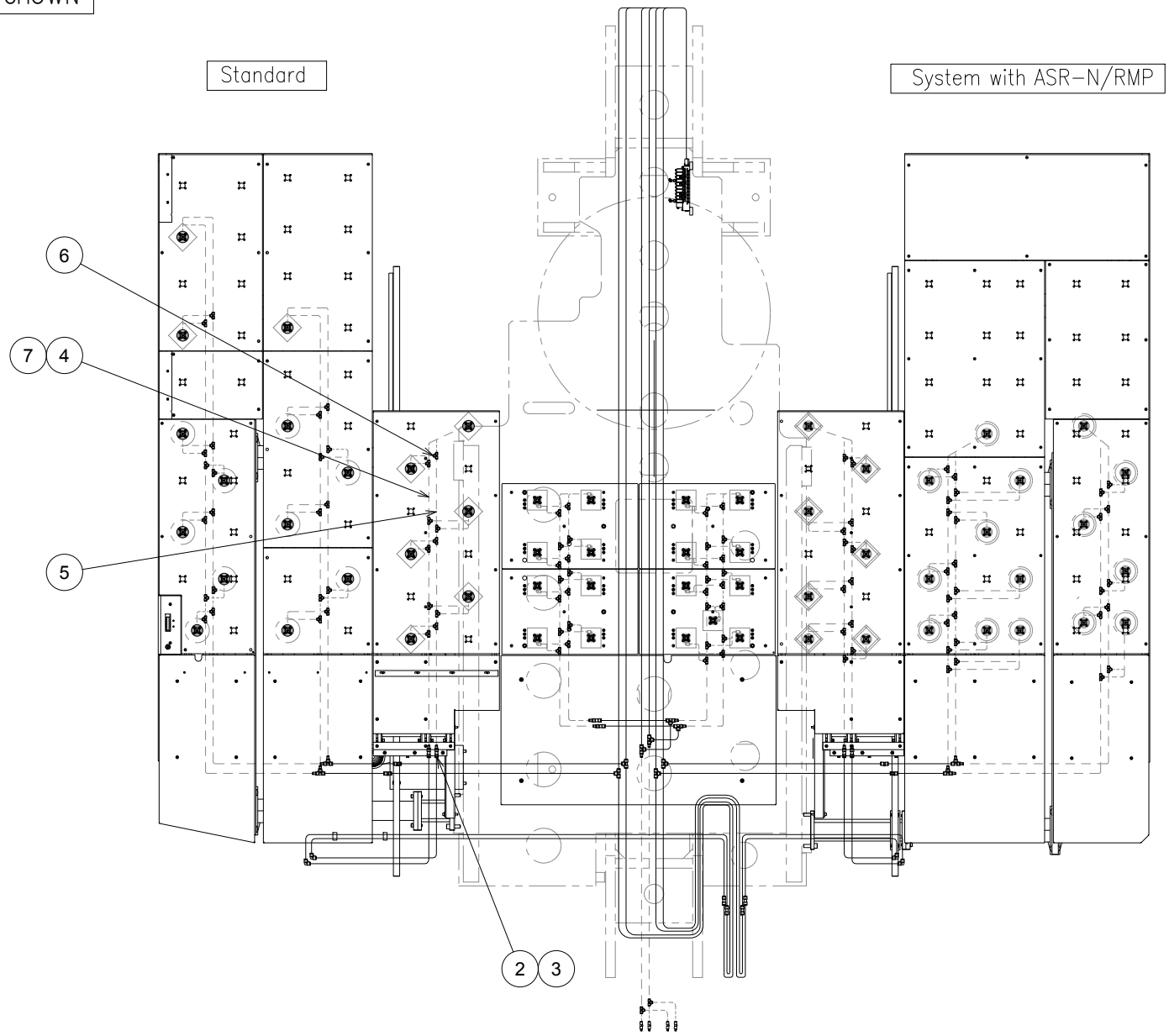
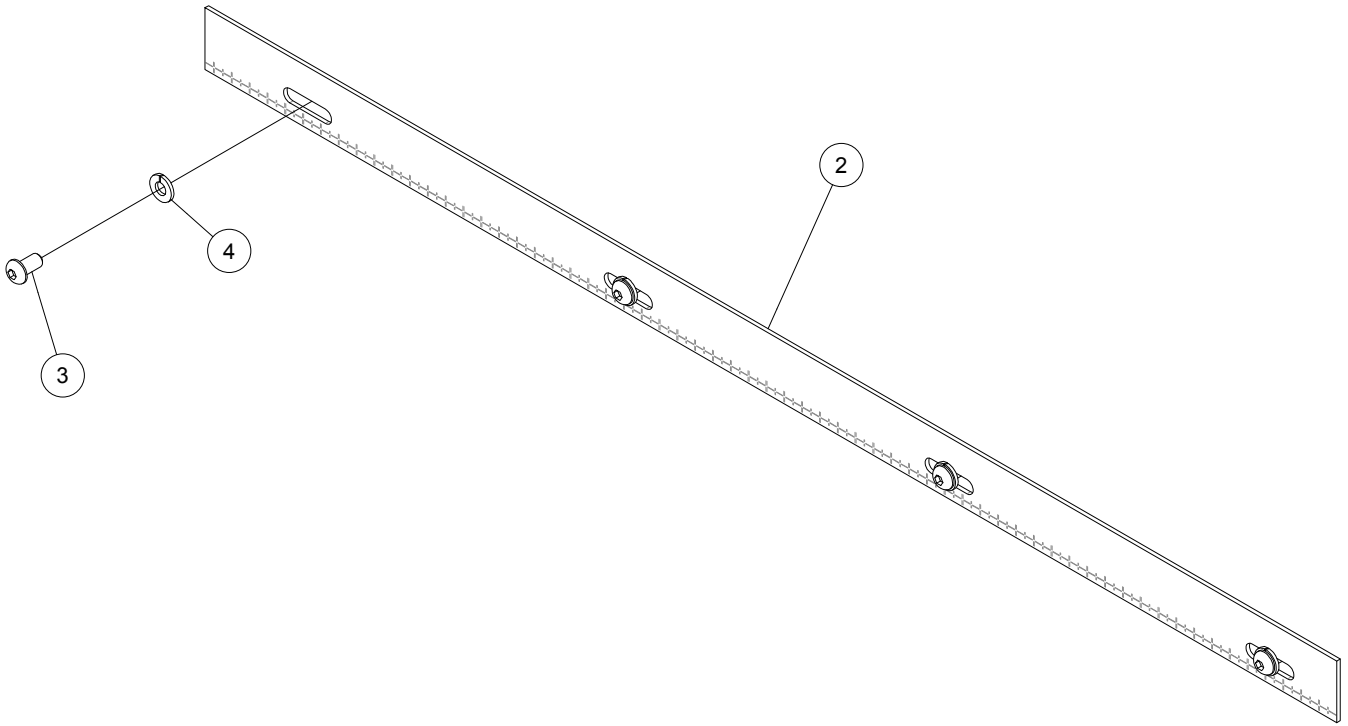


CE01630---
(CE03219---)

Unit No. 429 Brush Table <F Movable Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01630---	F Movable Table Piping Kit	Index 2-7	1
2	74382404 / P586604021	One Touch Fitting / NITTA MOORE	EUC10	2
3	74562784 / P586654002	One Touch Fitting / NITTA MOORE	ER6-10	2
4	74415492 / P230222148	Plastic Hose / NITTA MOORE	N2-4-6X4(Blue)-10M	1
5	74415488 / P230222149	Plastic Hose / NITTA MOORE	N2-4-6X4(Red)-10M	1
6	74338327 / P586604012	One Touch Fitting / NITTA MOORE	EUT6	10
7	74901397 / P379608003	Clip / NIC AUTOTEC	ATC-68-P100	7

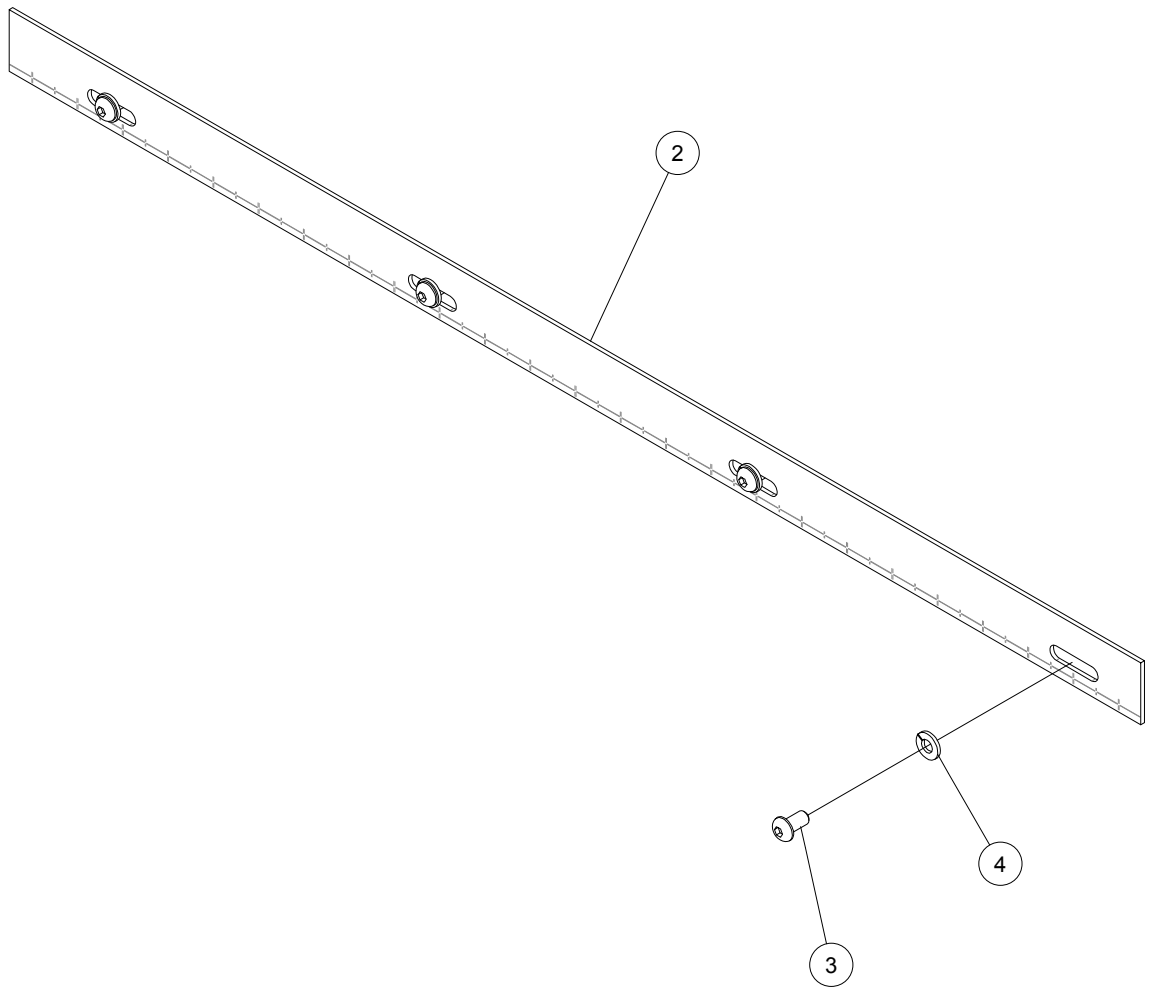


(1) Scale (F Moving Table) Kit (mm)

CE01620---

Unit No. 430 Brush Table <Scale (F Moving Table) Kit (mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01620---	Scale (F Moving Table) Kit (mm)	Index 2-4	1
2	74401968 CE01621---	Scale C (mm)		1
3	74183309 P334500014	Button Head Screw JIS	M6X12	4
4	74178737 P336050005	Spring Washer JIS	6	4



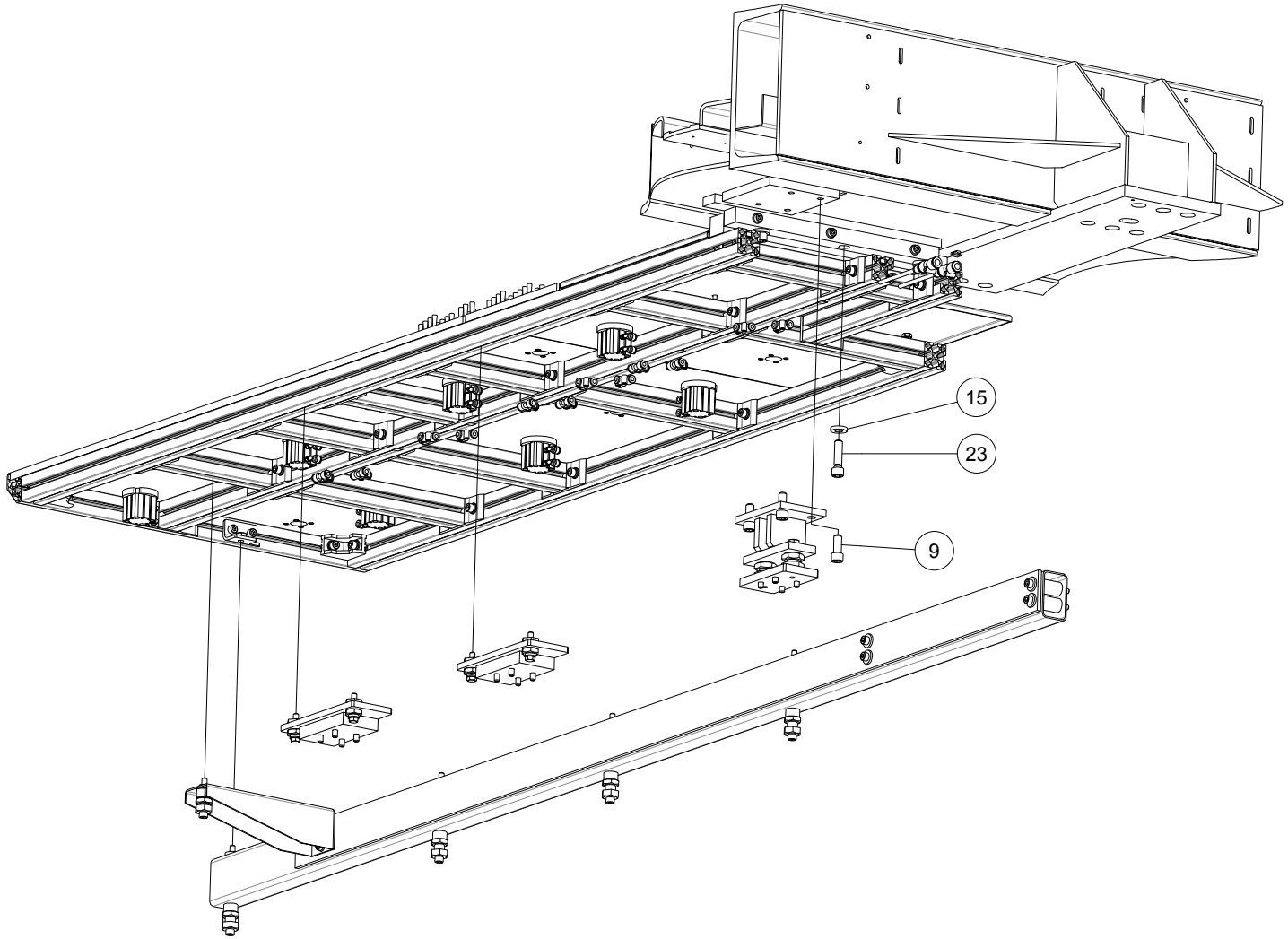
(1) Scale F Moving Table Kit inch

CE01622---

Unit No. 431 Brush Table <Scale (F Moving Table) Kit (inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01622---	Scale F Moving Table Kit (inch)	Index 2-4	1
2	74401969 / CE01623---	Scale C (inch)		1
3	74183309 / P334500014	Button Head Screw / JIS	M6X12	4
4	74178737 / P336050005	Spring Washer / JIS	6	4

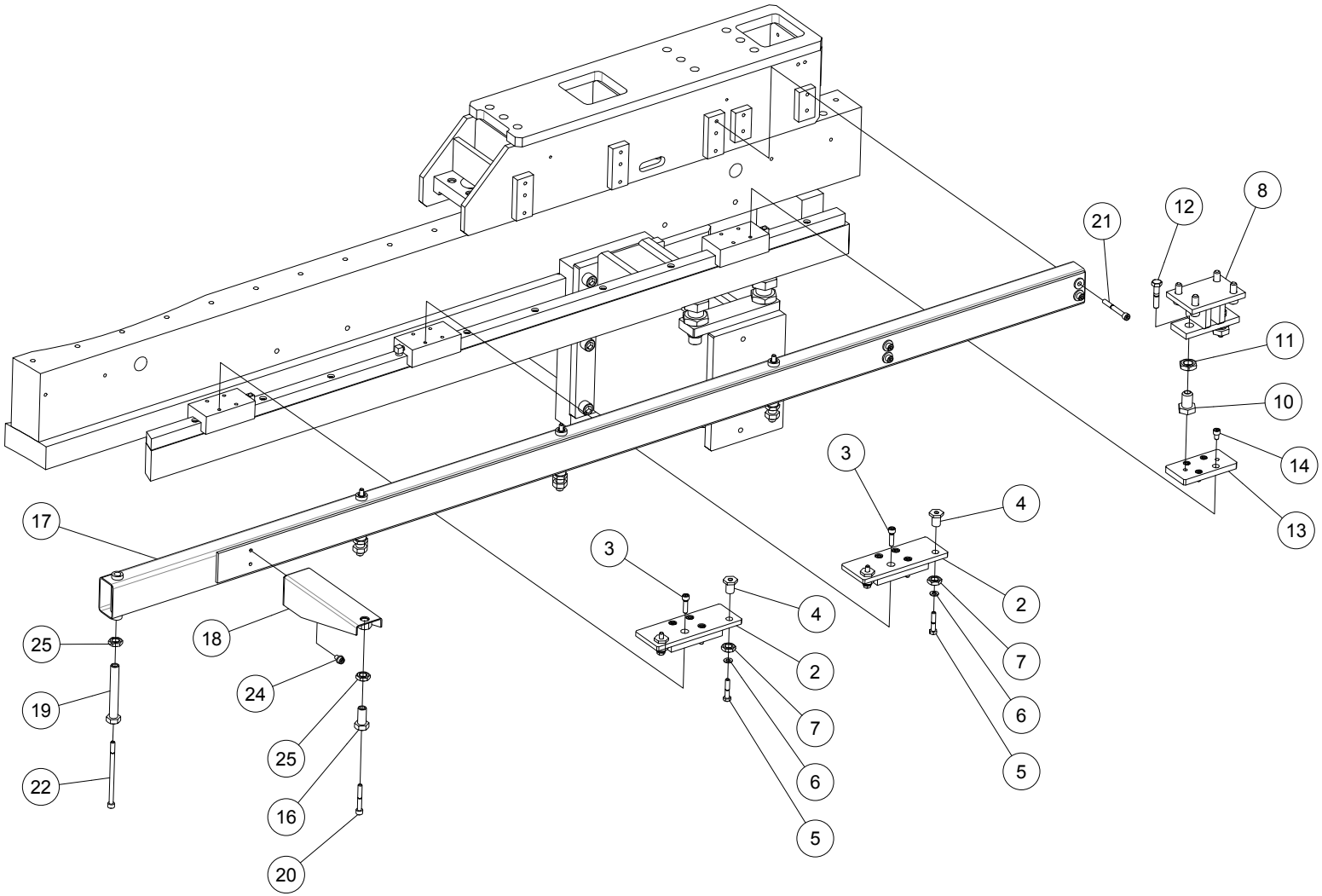
EMZ3612M2 IS SHOWN



(1) F Movable Table Installation Kit

CE02052---
(CE01907---)

EMZ3612M2 IS SHOWN



CE02052---
(CE01907---)

Unit No. 432 Brush Table <F Movable Table Installation Kit>

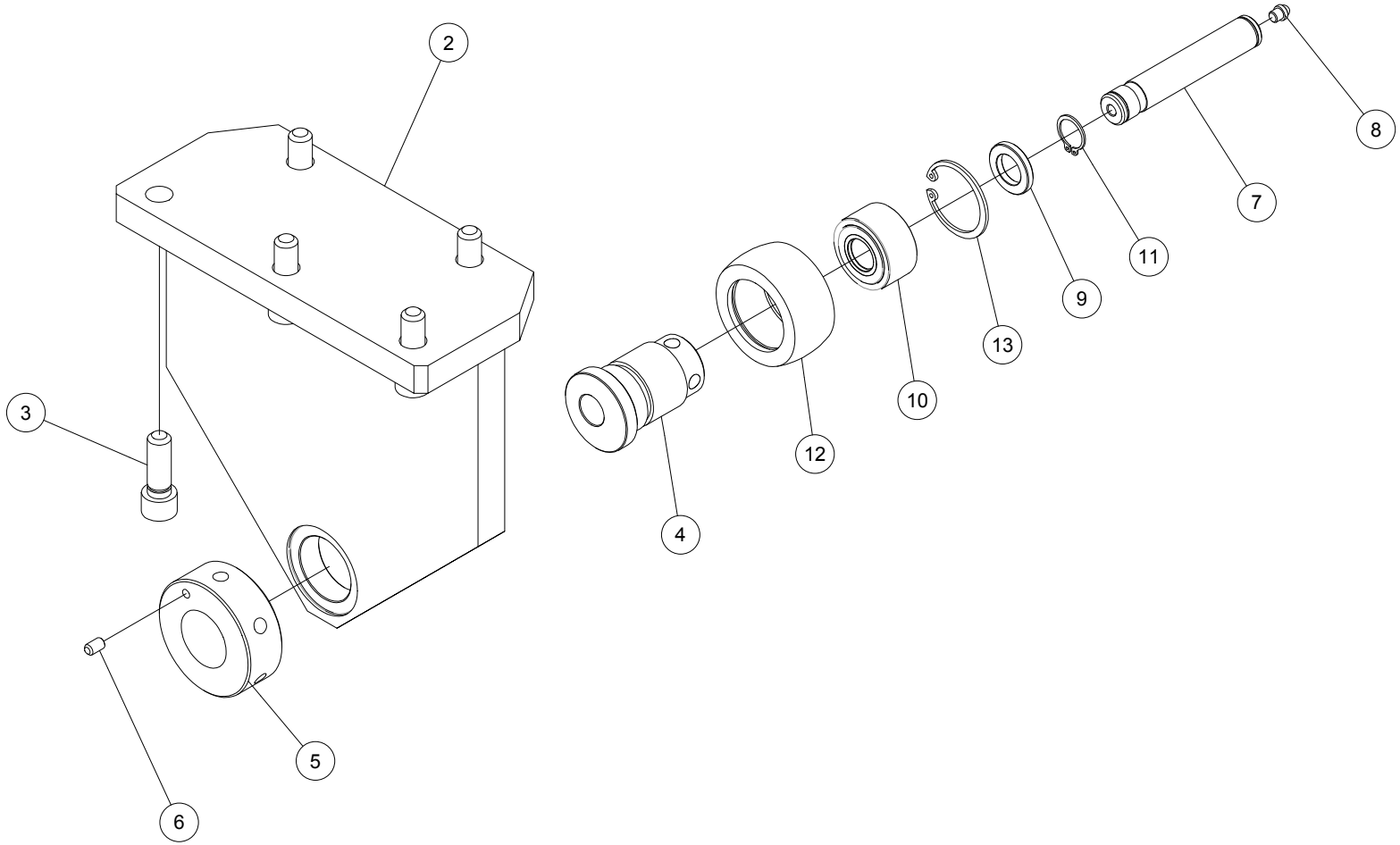
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02052---	F Movable Table Installation Kit	Index 2-25	1
2	74400363 / CE01866---	LM Support F		2
3	74183624 / P330230008	Hex Socket Cap Screw	M8X30	8
4	74417367 / 6871174	Adjust Bolt M16		4
5	79316335 / P330030011	Bolt	M8X40	4
6	74183027 / P336000006	Washer / JIS	8(Normal)	4
7	74183215 / P332000022	Nut / JIS	M16(Thin)	4
8	74401970 / CE01868--A	Movable Table Bracket		1
9	74183656 / P330250005	Hex Socket Cap Screw	M12X30	4
10	74417369 / 6871176	Adjust Bolt M20		2
11	74901389 / P332000023	Nut / JIS	M20(Thin)	2
12	74901387 / P330040010	Bolt	M10X50	2

Unit No. 432 Brush Table <F Movable Table Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417392 6871177	LM Plate	F65X12	1
14	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	4
15	74165310 0827014 B	Washer M12		3
16	74450197 6892765	Adjust Bolt S M16		1
17	74401971 CE01511---	Table Guide F		1
18	74400366 CE00813---	Table Bracket I		1
19	74901528 MA02467---	Adjust Bolt 112.5	M16X130(Continuous Thread)	3
20	74300561 P330230013	Hex Socket Cap Screw	M8X55	1
21	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
22	74901388 P330230028	Hex Socket Cap Screw MOURI	M8X135	3
23	74183658 P330250008	Hex Socket Cap Screw	M12X45	3
24	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	2

Unit No. 432 Brush Table <F Movable Table Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183215	Nut	M16(Thin)	4
	P332000022	JIS		



(1) Support Roller ASSY

CE02053---

Unit No. 433 Brush Table <Support Roller ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02053---	Support Roller ASSY	Index 2-13	1
2	74401972 CE02054---	Support Roller Bracket		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	5
4	74304743 0823190 A	Eccentric Bolt		1
5	74304419 823047	Nut		1
6	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Point)	2
7	74011518 0823191 B	Roller Pin		1
8	74577669 P560608004	Grease Nipple THK	NP6X5	1
9	74011091 0823189 B	Spacer		2
10	74568566 P409112059	Roller Follower THK & others	NART17R	1
11	74159525 P406108040	Locating Snap Ring OCHIAI	STW-17	2
12	74161131 0823188 A	Roller Cushion		1

Unit No. 433 Brush Table <Support Roller ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74159529	Locating Snap Ring	RTW-40	1
	P406108013	OCHIAI		

< List Only >

CE02055---

Unit No. 434 Brush Table <F Stationary Table M J>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02055---	F Stationary Table M J	Index 23	1
2	CE02059---	F Stationary Table ASSY		1
3	CE01983---	F Stationary Table Name Plate Kit J		1

< List Only >

CE02059---

Unit No. 435 Brush Table <F Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02059---	F Stationary Table ASSY	Index 2-19	1
2	CE02060---	F Stationary Table Base ASSY		1
3	CE02065---	F Stationary Table Frame A ASSY		1
4	CE02025---	F Stationary Table Frame B ASSY		1
5	CE02067---	F Stationary Brush A ASSY		1
6	CE01531--A	F Stationary Brush B ASSY		1
7	WA00151--A	F/B Up (Stationary Table)		10
8	6894867--A	F/B Up (Movable Table)		3
9	CE02076---	F Stationary Table Piping Kit		1
10	CE00653---	Junction Box F ASSY		1
11	CE02075---	Junction Box FC ASSY		1
12	CE01616---	Cable ASSY		1

Unit No. 435 Brush Table <F Stationary Table ASSY>

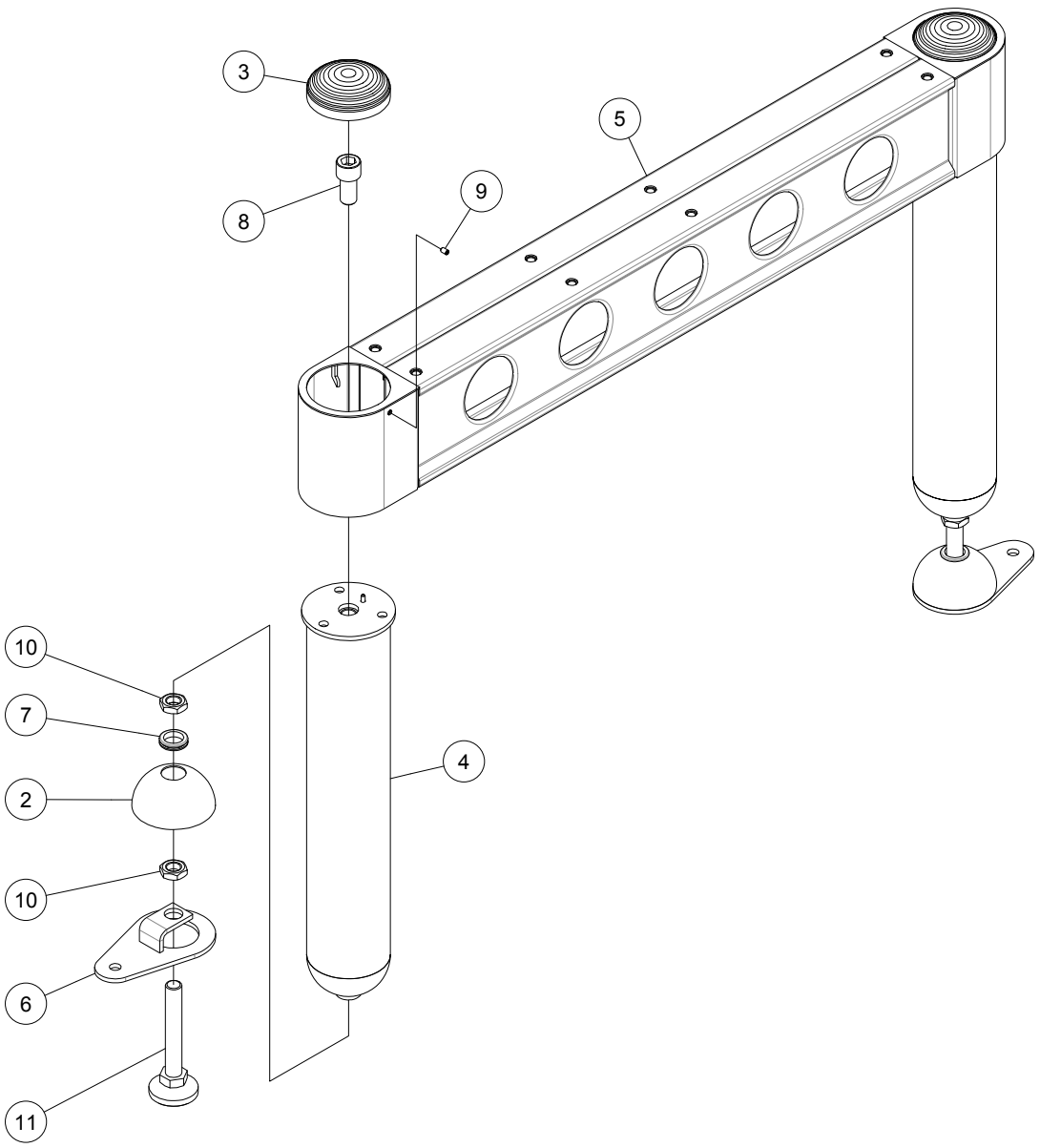
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	6870990 C	X-gauge Block ASSY		1
14	6823658	X-gauge Block Cover ASSY		1
15	6818048---	Electric Pneumatic ASSY		1
16	6533890	Support Plate ASSY		1
17	CE01624---	Scale (F Stationary Table) Kit (mm)		1
18	CE01627---	Scale (F Stationary Table) ASSY (inch)		1
19	CE01979---	Locating Kit		2

< List Only >

CE02060---

Unit No. 436 Brush Table <F Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02060---	F Stationary Table Base ASSY	Index 2-8	1
2	CE02061---	Side Table Support F ASSY		1
3	CE02063---	Side Table Base F ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	2

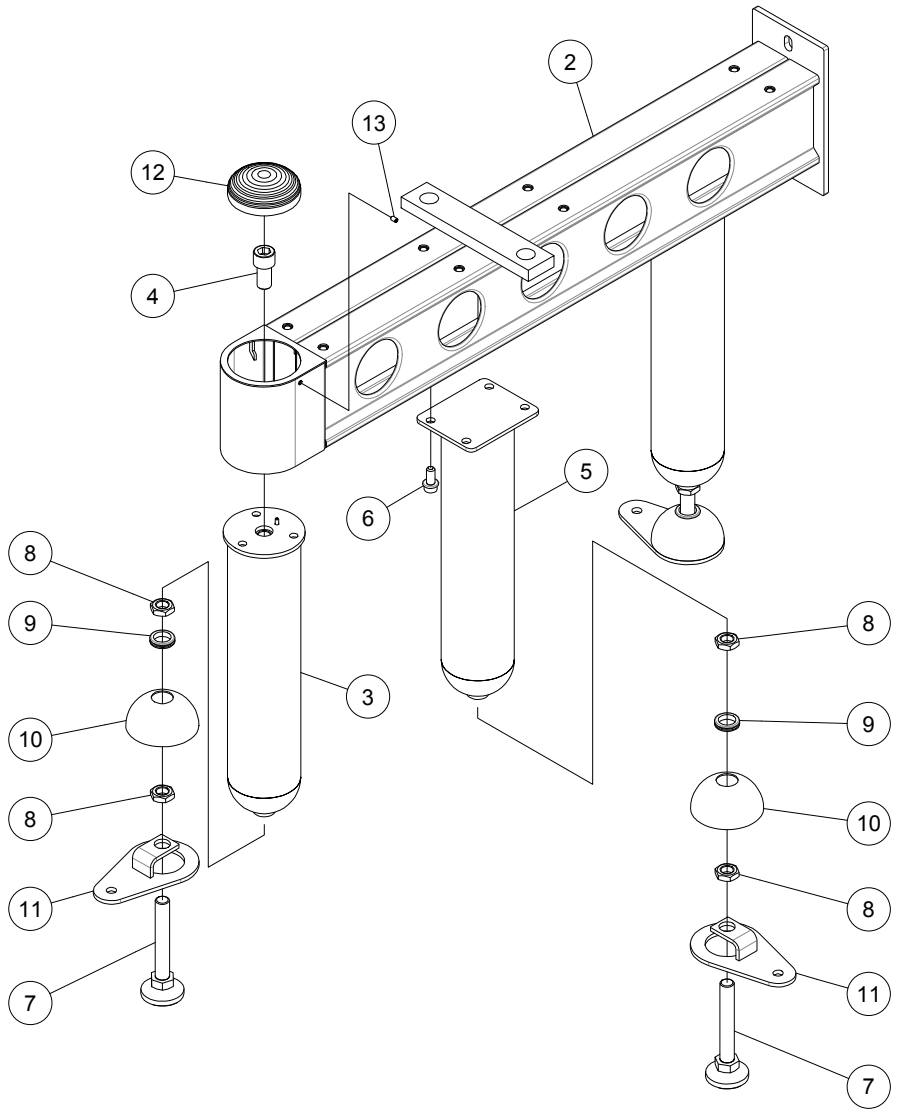


(1) Side Table Support F ASSY

CE02061---
(CE01943---)

Unit No. 437 Brush Table <Side Table Support F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02061---	Side Table Support F ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74419473 6879686	Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
10	74901389 P332000023	Nut JIS	M20(Thin)	4
11	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	2



(1) Side Table Base F ASSY

CE02063---
(CE01941---)

Unit No. 438 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02063---	Side Table Base F ASSY	Index 2-13	2
2	74401975 CE02064---	Side Table Base F		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 438 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

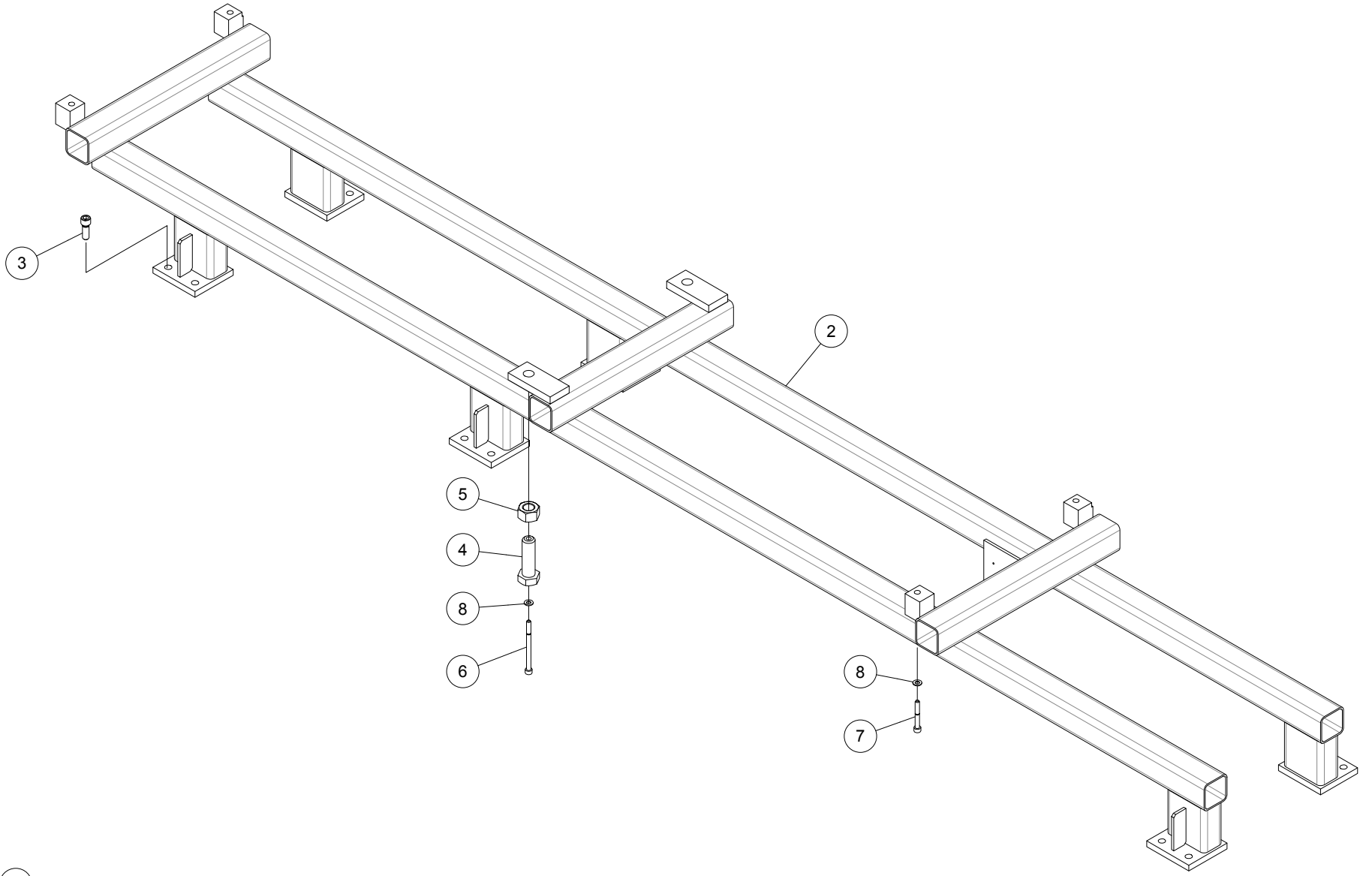
< List Only >

CE02065---

Unit No. 439 Brush Table <F Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02065---	F Stationary Table Frame A ASSY	Index 2-8	1
2	74401977 / CE02066---	Side Table Frame F1		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	2
5	74776800 / P332000011	Nut / JIS	M24	2
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	2
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 / P336000006	Washer / JIS	8(Normal)	6

Unit No. 440 Brush Table <F Stationary Table Frame B ASSY>



(1) F Stationary Table Frame B ASSY

CE02025---
(CE01882--A)

Unit No. 440 Brush Table <F Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02025---	F Stationary Table Frame B ASSY	Index 2-8	1
2	74401978 CE02026---	Side Table Frame F2		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	3
5	74776800 P332000011	Nut JIS	M24	3
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	3
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 P336000006	Washer JIS	8(Normal)	9

< List Only >

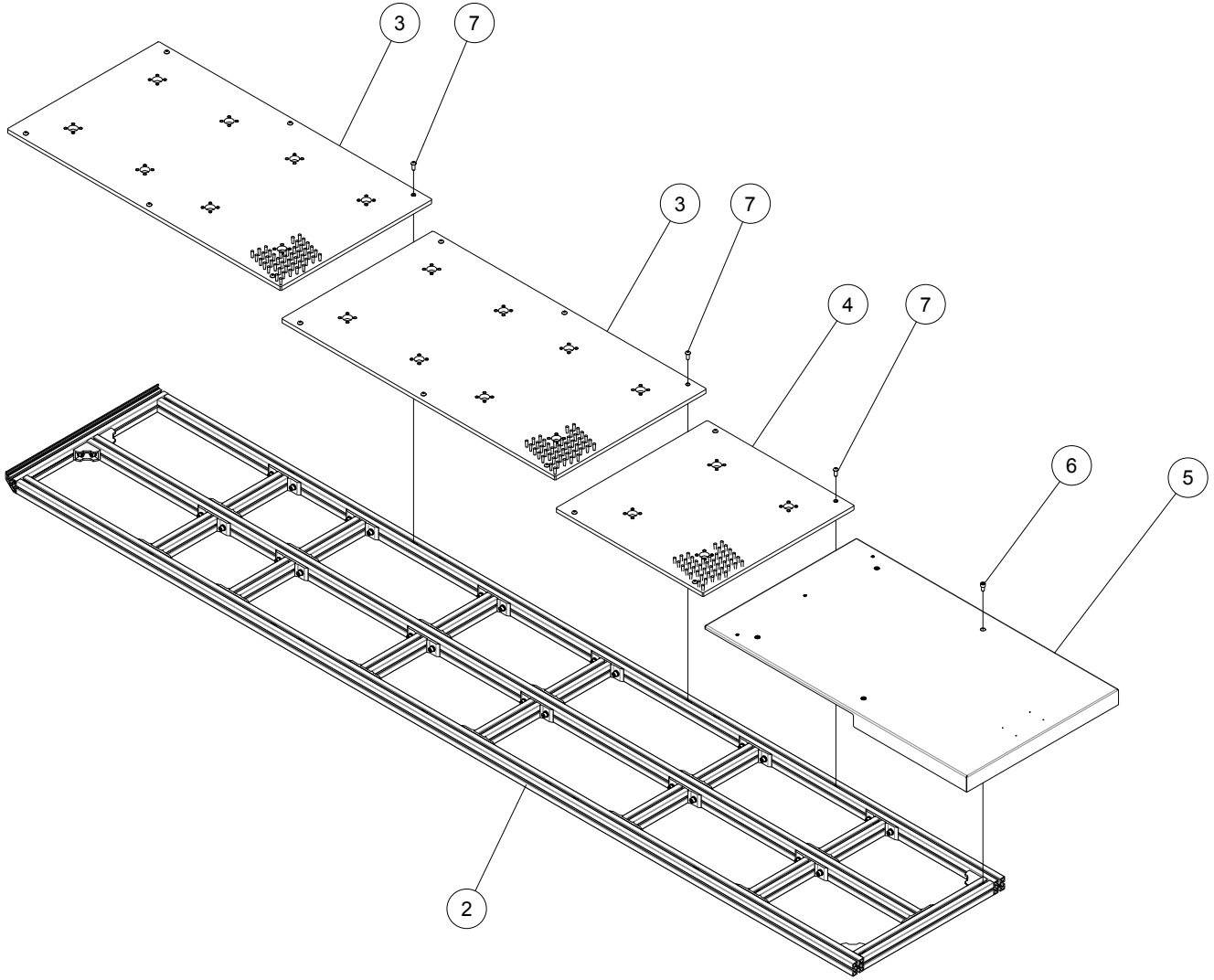
CE02067---

Unit No. 441 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02067---	F Stationary Brush A ASSY	Index 2-13	1
2	74401979 7831430---	Stationary Table (F) A NIC		1
3	74401980 CE02068---	MDF Brush K-5		1
4	74401981 CE02069---	MDF Brush K-6		1
5	74401982 CE02070---	MDF Brush K-11		1
6	74401983 CE02071---	Cover Table F-1		1
7	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
8	74183316 P334500020	Button Head Screw	M8X20	16
9	74453518 6894885	MDF Brush Guard		2
10	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
11	74159714 P336000005	Washer JIS	6(Normal)	4
12	74178737 P336050005	Spring Washer JIS	6	4

Unit No. 441 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795	Nut	M6	4
	P332000004	JIS		

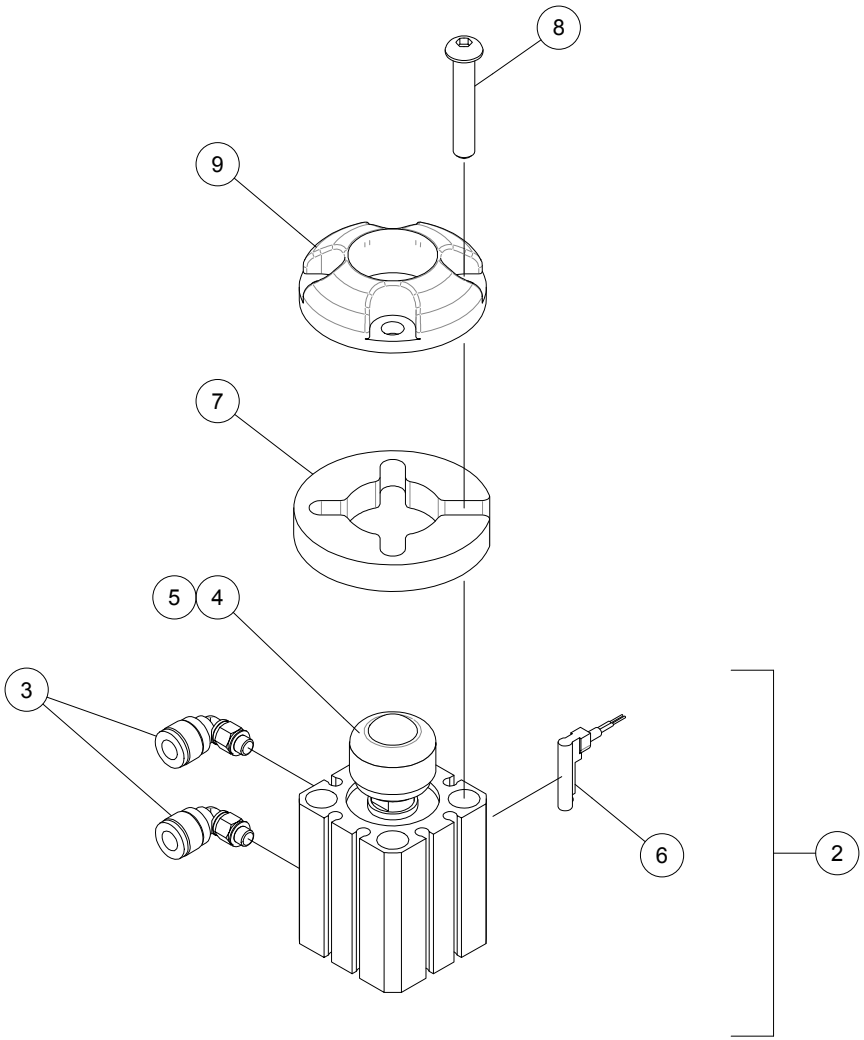


(1) F Stationary Brush B ASSY

CE01531--A

Unit No. 442 Brush Table <F Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01531--A	F Stationary Brush B ASSY	Index 2-7	1
2	74401984 7831421---	Stationary Table (F) B NIC		1
3	74401985 CE01532---	MDF Brush K-12		2
4	74401986 CE01533---	MDF Brush K-13		1
5	74401987 CE02072---	Cover Table F-2		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	16

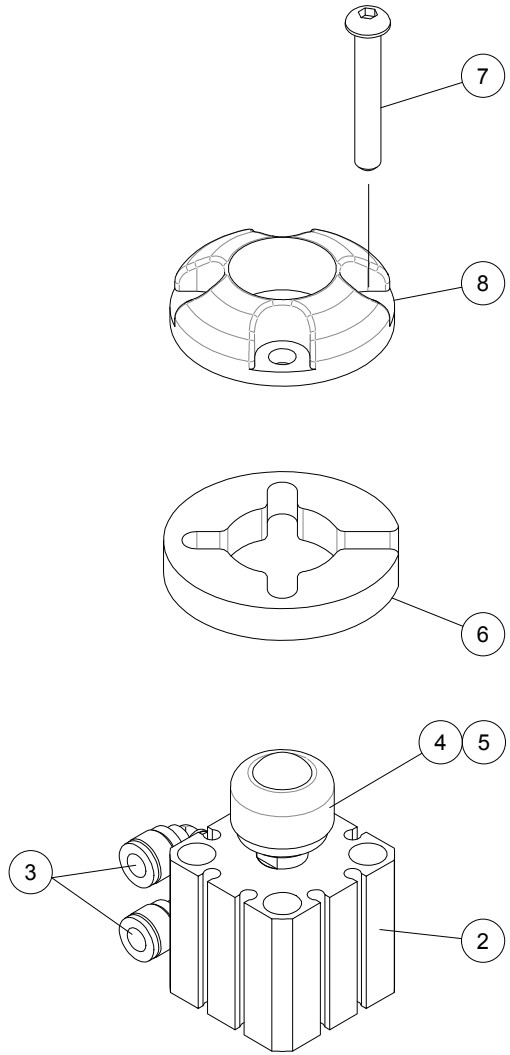


(1) F/B Up (Stationary Table)

WA00151--A

Unit No. 443 Brush Table <F/B Up(Stationary Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00151--A	F/B Up (Stationary Table)	Index 2-9	25
2	74613455 / 7831720--A	Cylinder / SMC	CDQSB25-15-DCN070EN / with Index 3-6	1
3	74613235 / P586563125	One Touch Fitting / SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 / SPT0023---	PLANEVEYOR / ATEC	PV20B-AM4	1
5	74613246 / S420120---	Washer / SMC	M8 (1.6t)	1
6	74901413 / P829008096	Auto Switch / SMC	D-A90VL	1
7	74417294 / 6875692	Cylinder Collar		1
8	74387325 / P334500059	Button Head Screw / JIS	M6X35	4
9	74453517 / 6894886	Free Bearing Guide		1

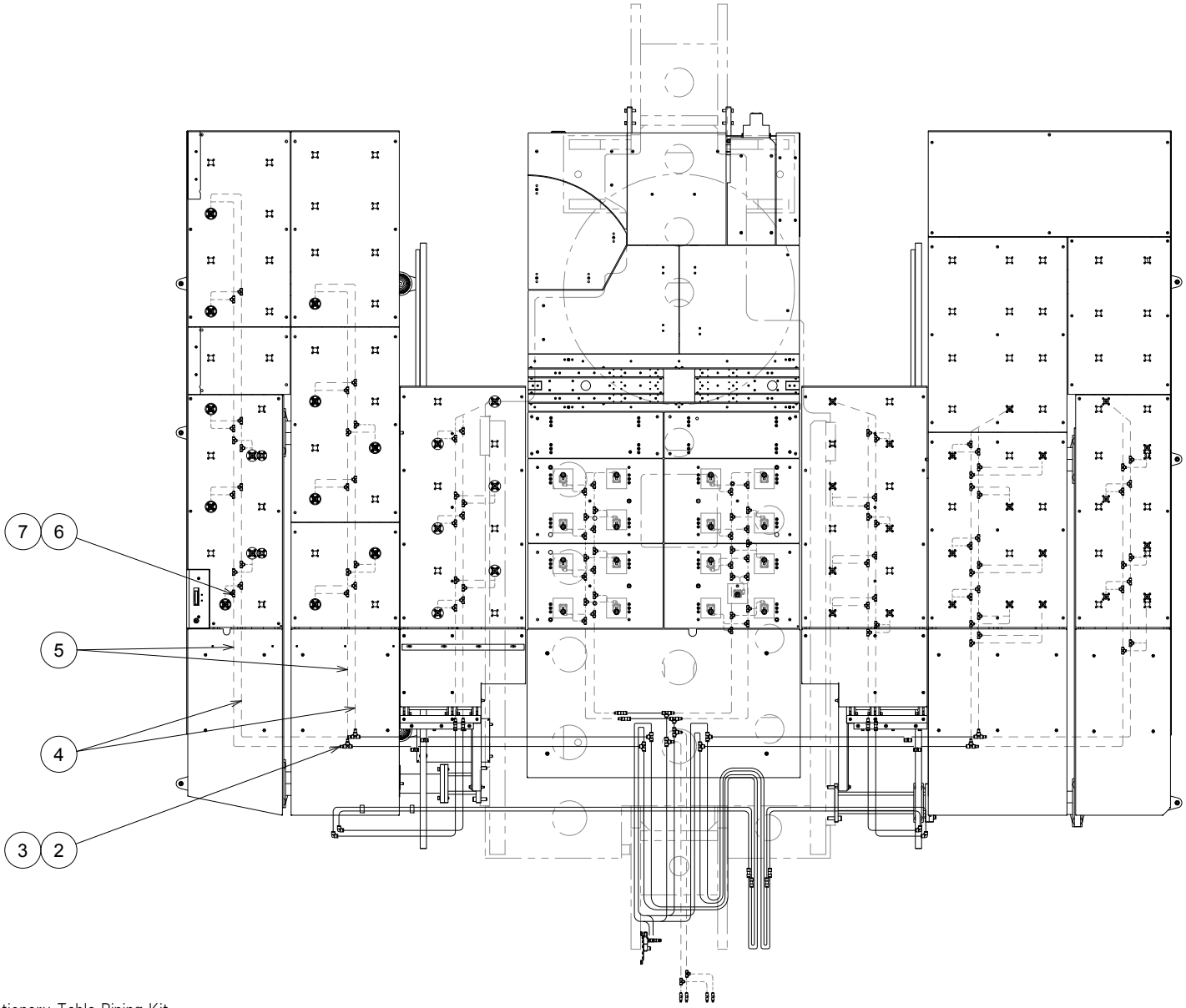


(1) F/B Up (Movable Table)

6894867--A

Unit No. 444 Brush Table <F/B Up(Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6894867--A	F/B Up (Movable Table)	Index 2-8	7
2	74613745 7831680--A	Cylinder SMC	CQSB25-15 with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	24
4	74613749 SPT0023---	PLANEVEYOR ATEC	PV20B-AM4	12
5	74613246 S420120---	Washer SMC	M8 (1.6t)	12
6	74417294 6875692	Cylinder Collar		1
7	74776829 P334500037	Button Head Screw JIS	M6X40	4
8	74453517 6894886	Free Bearing Guide		1

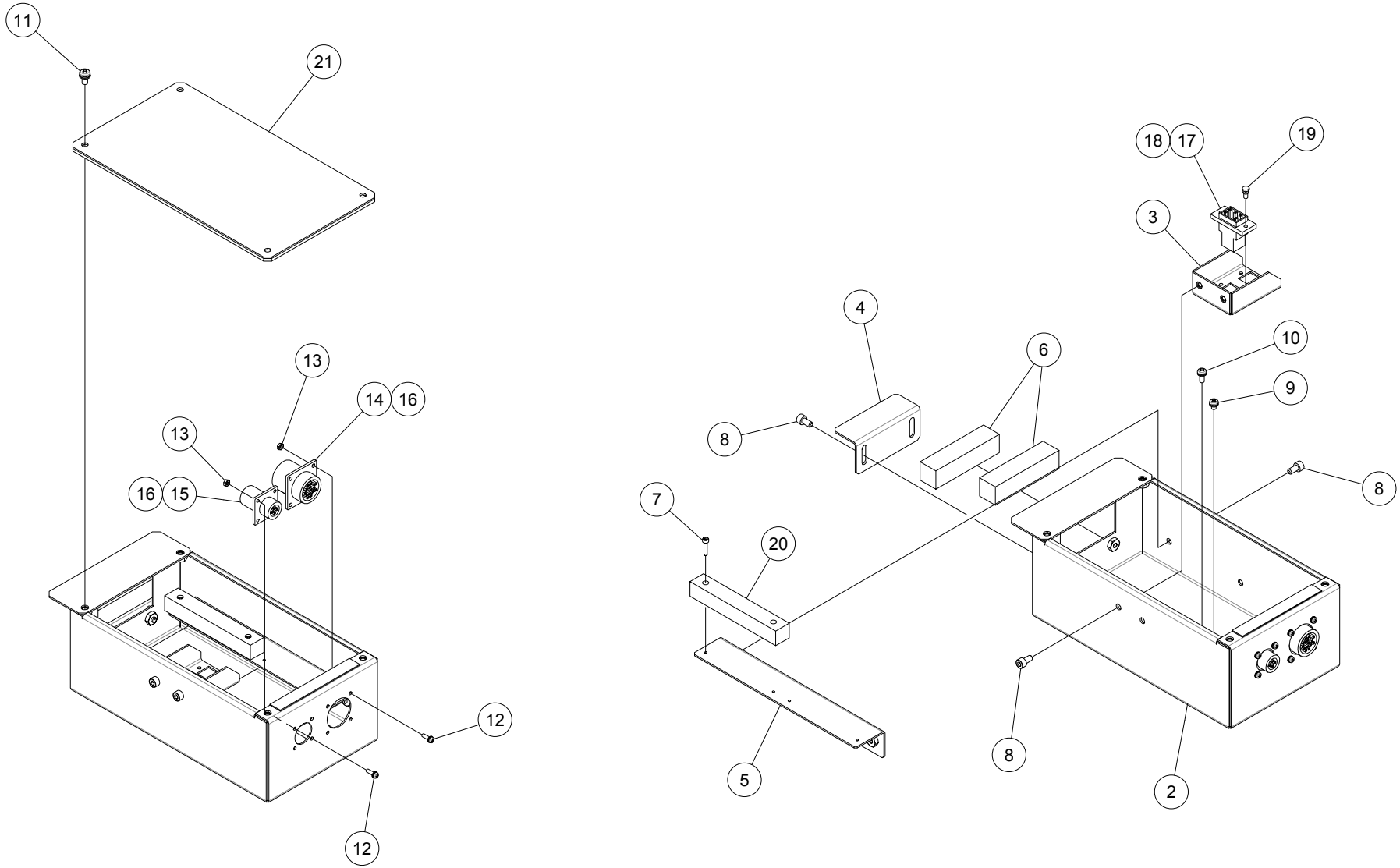


(1) F Stationary Table Piping Kit

CE02076---
(CE02077---)

Unit No. 445 Brush Table <Stationary Front Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Stationary Table Piping Kit		1
	CE02076---		Index 2-7	
2	74379378	One Touch Fitting	EUT10	2
	P586604013	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	4
	P586654002	NITTA MOORE		
4	74569815	Plastic Hose	U2-4-6X4(Blue)-10M	2
	P230222104	NITTA MOORE		
5	74569814	Plastic Hose	U2-4-6X4(Red)-10M	2
	P230222105	NITTA MOORE		
6	74338327	One Touch Fitting	EUT6	22
	P586604012	NITTA MOORE		
7	74901397	Clip	ATC-68-P100	15
	P379608003	NIC AUTOTEC		



(1) Junction Box F ASSY

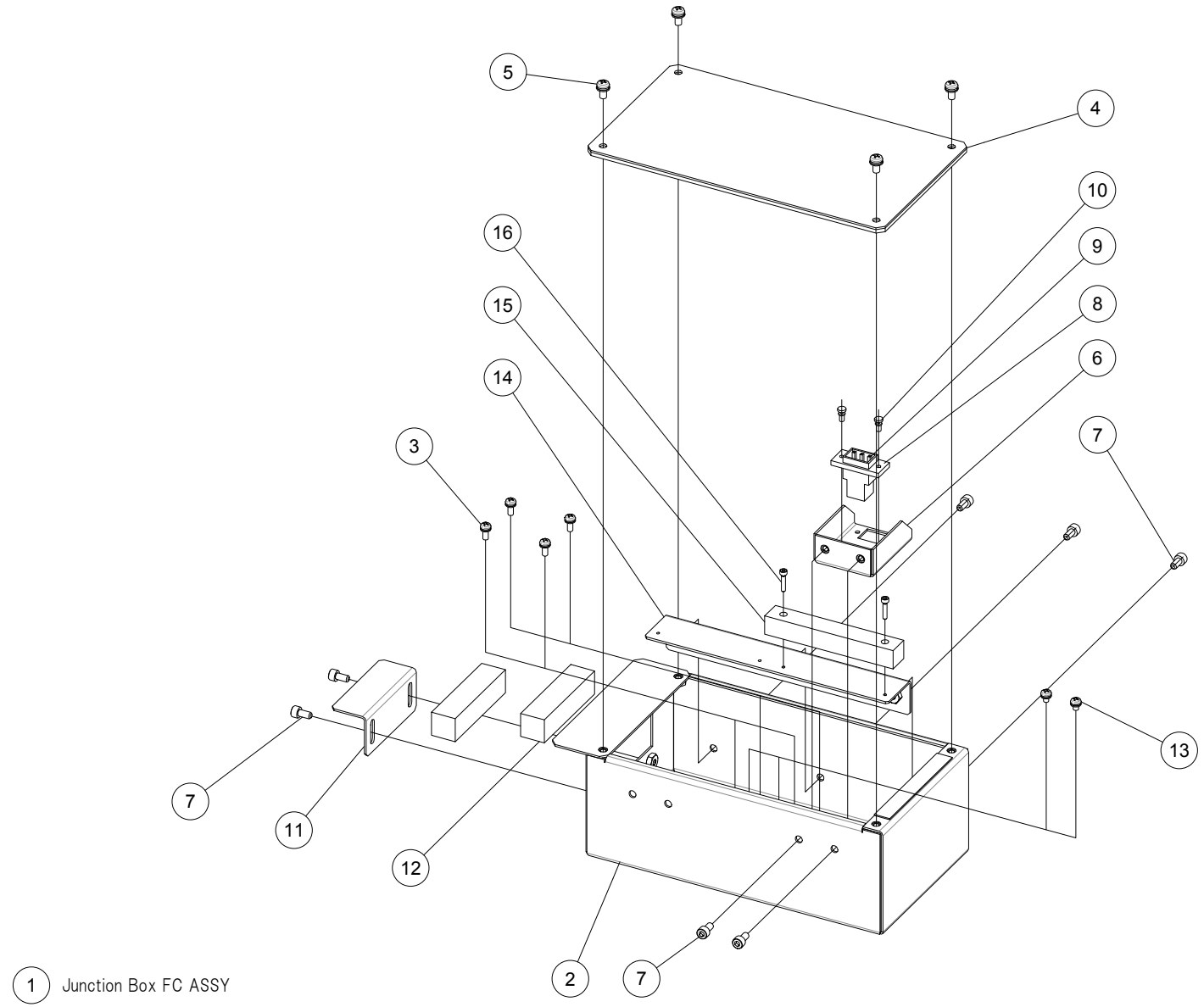
CE00653---

Unit No. 446 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00653---	Junction Box F ASSY	Index 2-21	1
2	74400389 CE00830---	Junction Box F		1
3	74901476 MA01117---	Housing Plate FC		1
4	74901477 MA01118---	Cable Clamp FC		1
5	74901478 MA01119---	Bracket		1
6	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
8	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
9	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3
10	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
11	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
12	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	8

Unit No. 446 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183201	Nut	M3	8
	P332000001	JIS		
14	74521705	Plastic Round Connector	206036-1	1
	P862032003	AMP		
15	74565182	Plastic Round Connector	206061-1	1
	P862032012	AMP		
16	74450170	Plug Type Terminal	66099-3	18
	P862142082	AMP		
17	74386501	Rectangle Connector	178803-3	1
	P862042068	AMP		
18	74489980	Plug Type Terminal	175289-2	5
	P862142029	AMP		
19	74386505	Accessory for Connector	900128-2 (Push Rivet)	2
	P862182002	AMP		
20	74569809	Block Terminal	MK4/16KRG	1
	P864008047	WEIDMULLER		
21	74901661	Junction Box Cover		1
	WA00219---			



(1) Junction Box FC ASSY

CE02075---

Unit No. 447 Brush Table <Junction Box FC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02075---	Junction Box FC ASSY	Index 2-16	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74901476 MA01117---	Housing Plate FC		1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
8	74386501 P862042068	Rectangle Connector AMP	178803-3	1
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	3
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
11	74901477 MA01118---	Cable Clamp FC		1
12	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2

Unit No. 447 Brush Table <Junction Box FC ASSY>

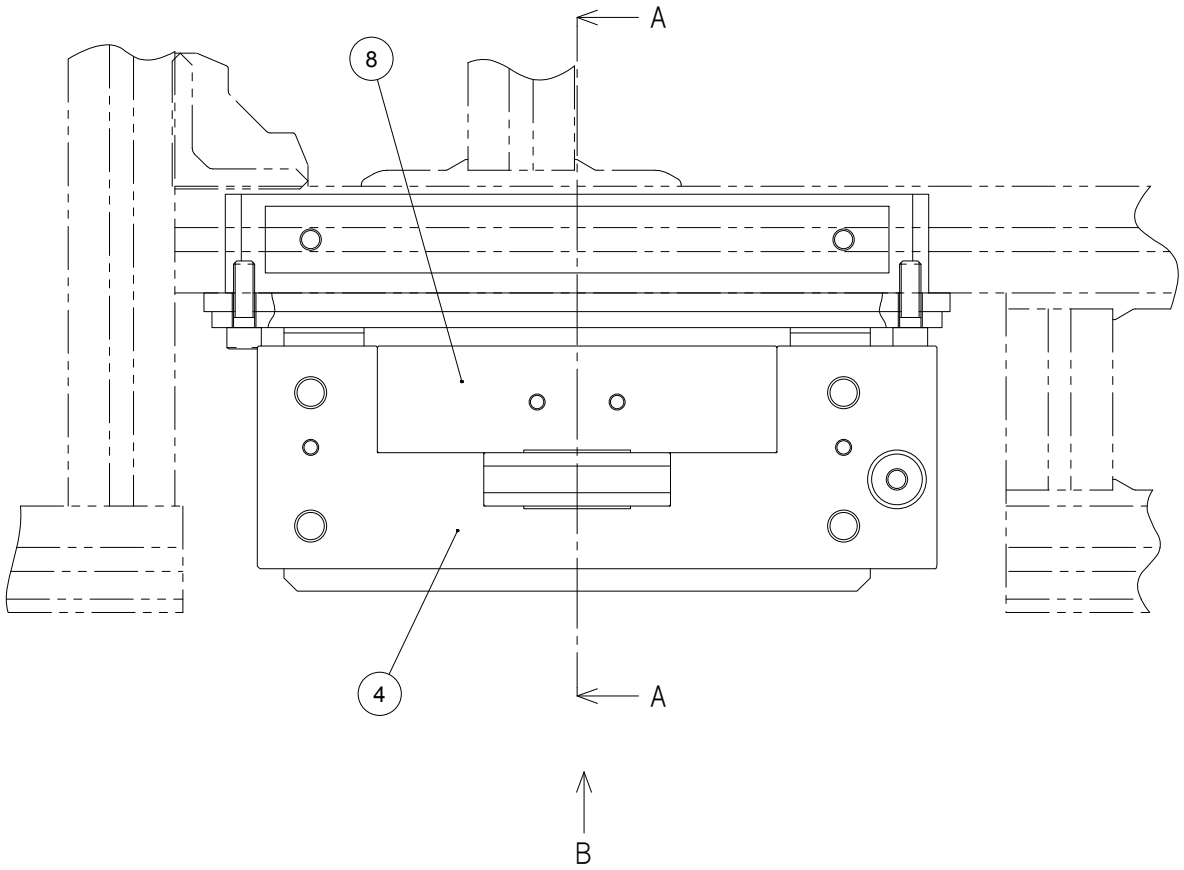
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	2
14	74901478 MA01119---	Bracket		1
15	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
16	74319101 P330200006	Hex Socket Cap Screw	M3X15	2

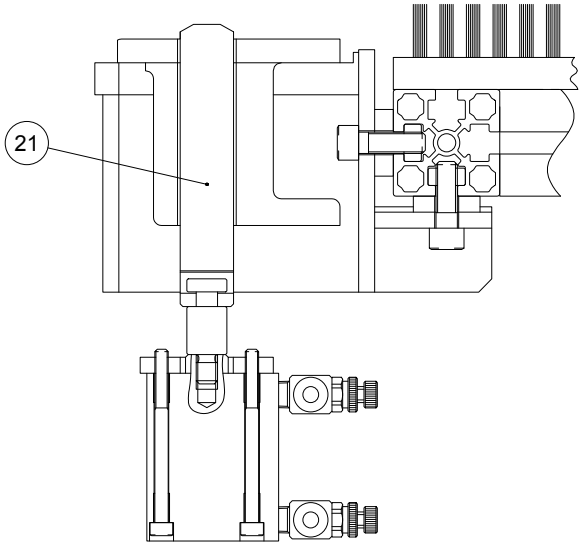
< List Only >

CE01616---

Unit No. 448 Brush Table <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01616---	Cable ASSY	Index 2	1
2	74400390 / CE00831---	Cable CH-1		1



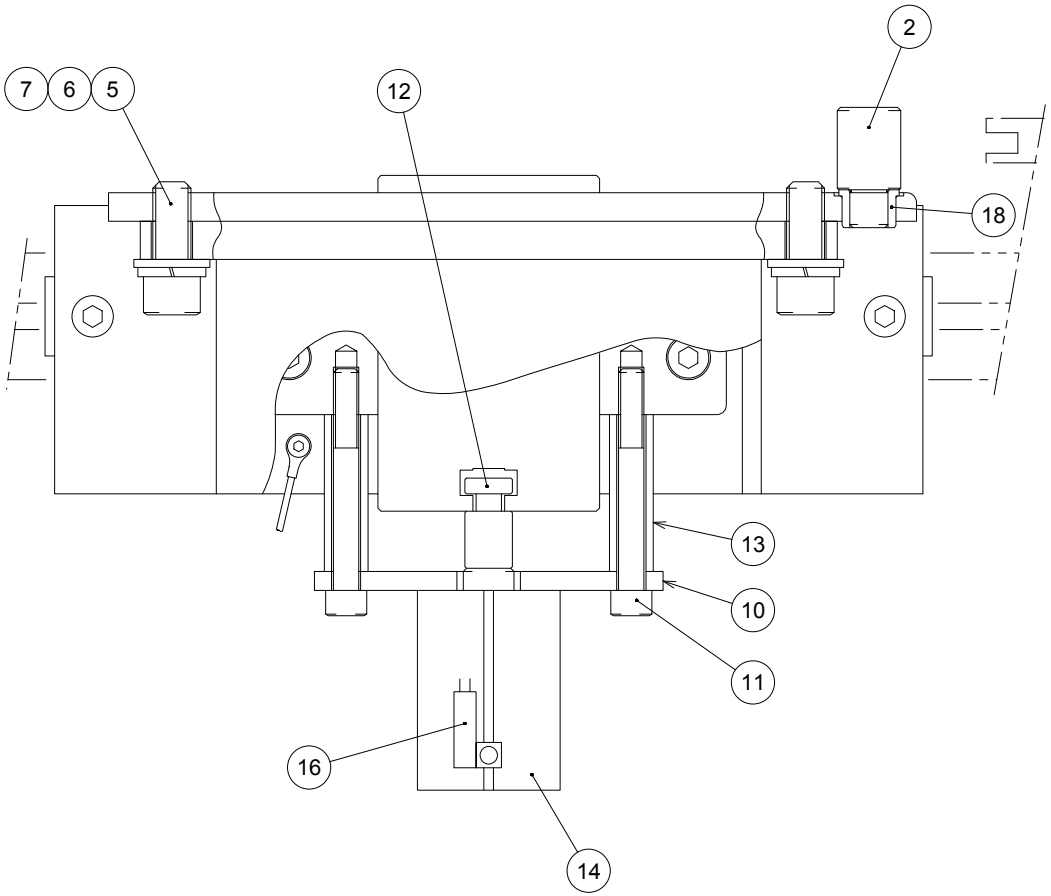


SECTION A-A

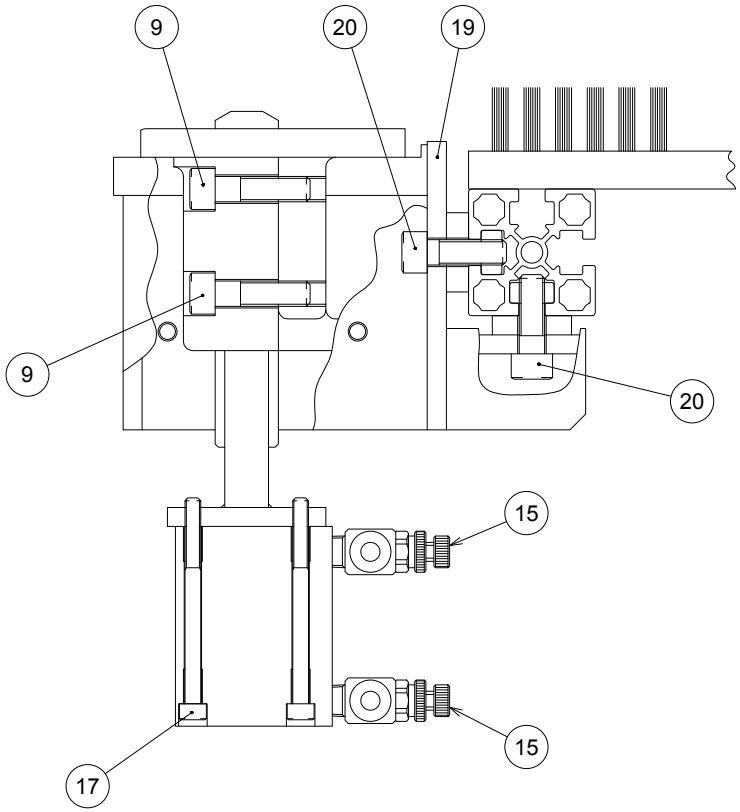
(1) X-gauge Block ASSY

(3) Pneumatic X-gauge Block ASSY

6870990 C



VIEW B



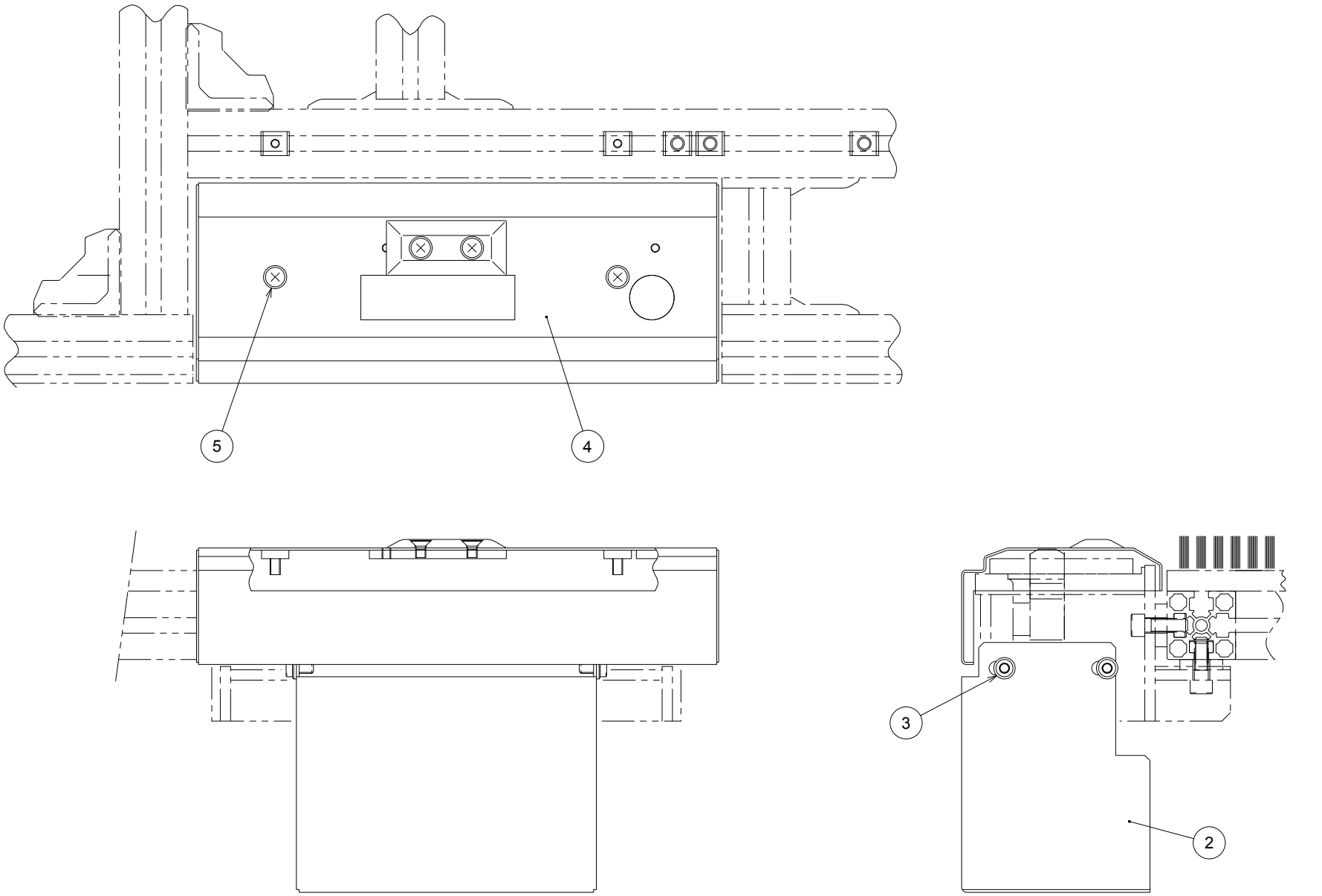
6870990 C

Unit No. 449 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6870990 C	X-gauge Block ASSY	Index 2-21	1
2	74389510 6572979 B	Stopper Pin		1
3	6870992	Pneumatic X-gauge Block ASSY	Index 4-21	1
4	74382322 6572986 E	Locating Pin Guide A		1
5	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
6	74183104 P336050008	Spring Washer JIS	12	4
7	74183031 P336000008	Washer JIS	12(Normal)	4
8	74382103 6572978 B	Locating Pin Guide		1
9	74183624 P330230008	Hex Socket Cap Screw	M8X30	4
10	74722137 6533802	Cylinder Guide B		1
11	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
12	74382319 6533803 A	Locating Pin Collar		1

Unit No. 449 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74382007 6533807	Cylinder Guide A		2
14	74415497 7832807 A	Cylinder SMC	CDQ2B32D-W0501-30 with Index 1516	1
15	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	2
16	74901621 S40000543-	Auto Switch SMC	D-A73HL	1
17	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	4
18	74387377 6578599 B	Stopper Pin Bushing		1
19	74578845 6597285 B	Locating Pin Bracket		1
20	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
21	74382318 6533801	Stopper		1



1 X-gauge Block Cover ASSY

6823658

Unit No. 450 Brush Table <Cover>

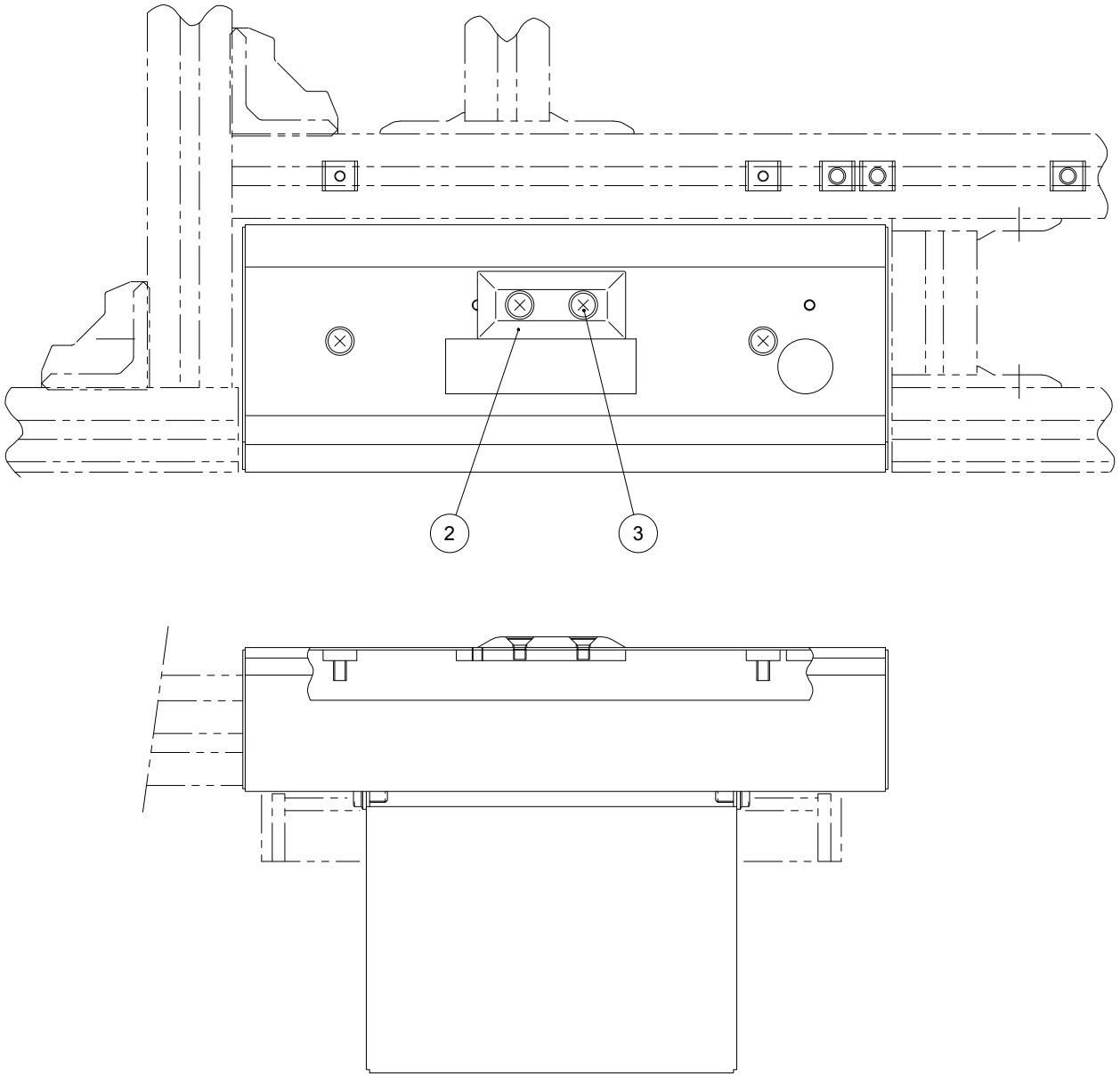
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		X-gauge Block Cover ASSY		1
	6823658		Index 2-5	
2	74575629	Side Cover		1
	6813196 A			
3	74776775	Flange Socket Bolt	M6X10	4
	P330468015	NISSAN NEJI		
4	74571329	X-gauge Block Cover A		1
	6823659			
5	74305021	Flat Head Bolt	M6X15	2
	P334520001	NISSAN NEJI		

< List Only >

6818048---

Unit No. 451 Brush Table <Electric Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Electric Pneumatic ASSY		1
	6818048---		Index 2-10	
2	74401253	X-gauge Block Solenoid	VQZ3121-5YZ-02-F-X52	1
	7832809	SMC	Index 3-6	
3	74368207	Silencer	AN103-01	1
	P557032003	SMC		
4	74569148	One Touch Fitting	KQ2L06-02S	1
	P586623032	SMC		
5	74453537	One Touch Fitting	KQ2S10-02S	1
	P586533066	SMC		
6	74901409	Pilot Solenoid Valve	VQZ3121-5YZ-02-F	1
	P556002712	SMC		
7	74413041	Hex Socket Cap Screw	M4X8	2
	P330200014			
8	74569814	Plastic Hose	U2-4-6X4(Red)-2M	1
	P230222101	NITTA MOORE		
9	74569815	Plastic Hose	U2-4-6X4(Blue)-2M	1
	P230222102	NITTA MOORE		
10	74575280	Cable Y-12 (1)		1
	6827575			

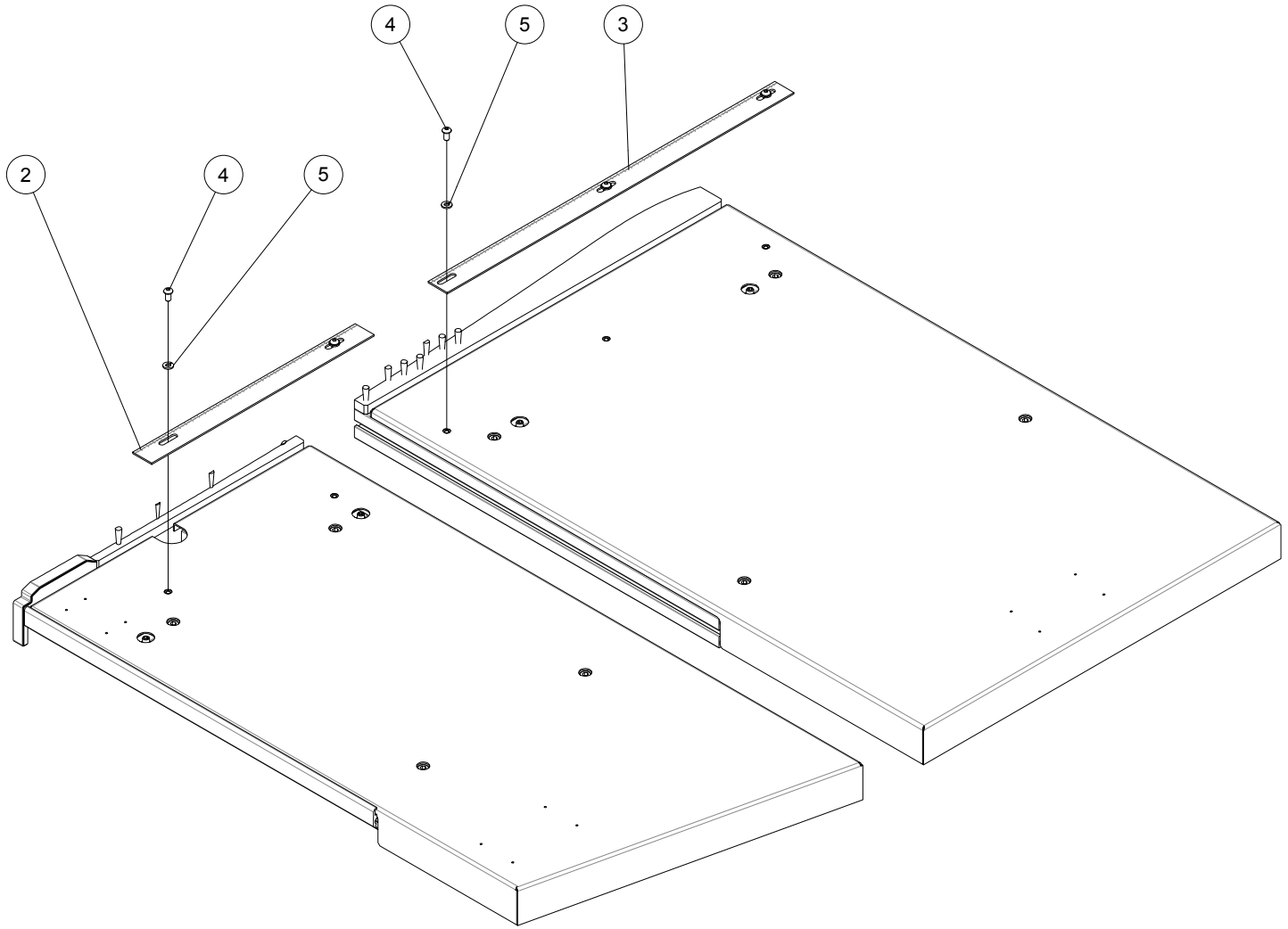


(1) Support Plate ASSY

6533890
(6823658)

Unit No. 452 Brush Table <Support Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6533890	Support Plate ASSY	Index 23	1
2	74305715 0819402 A	Support Plate		1
3	74355104 P334520014	Flat Head Bolt NISSAN NEJI	M6X20	2

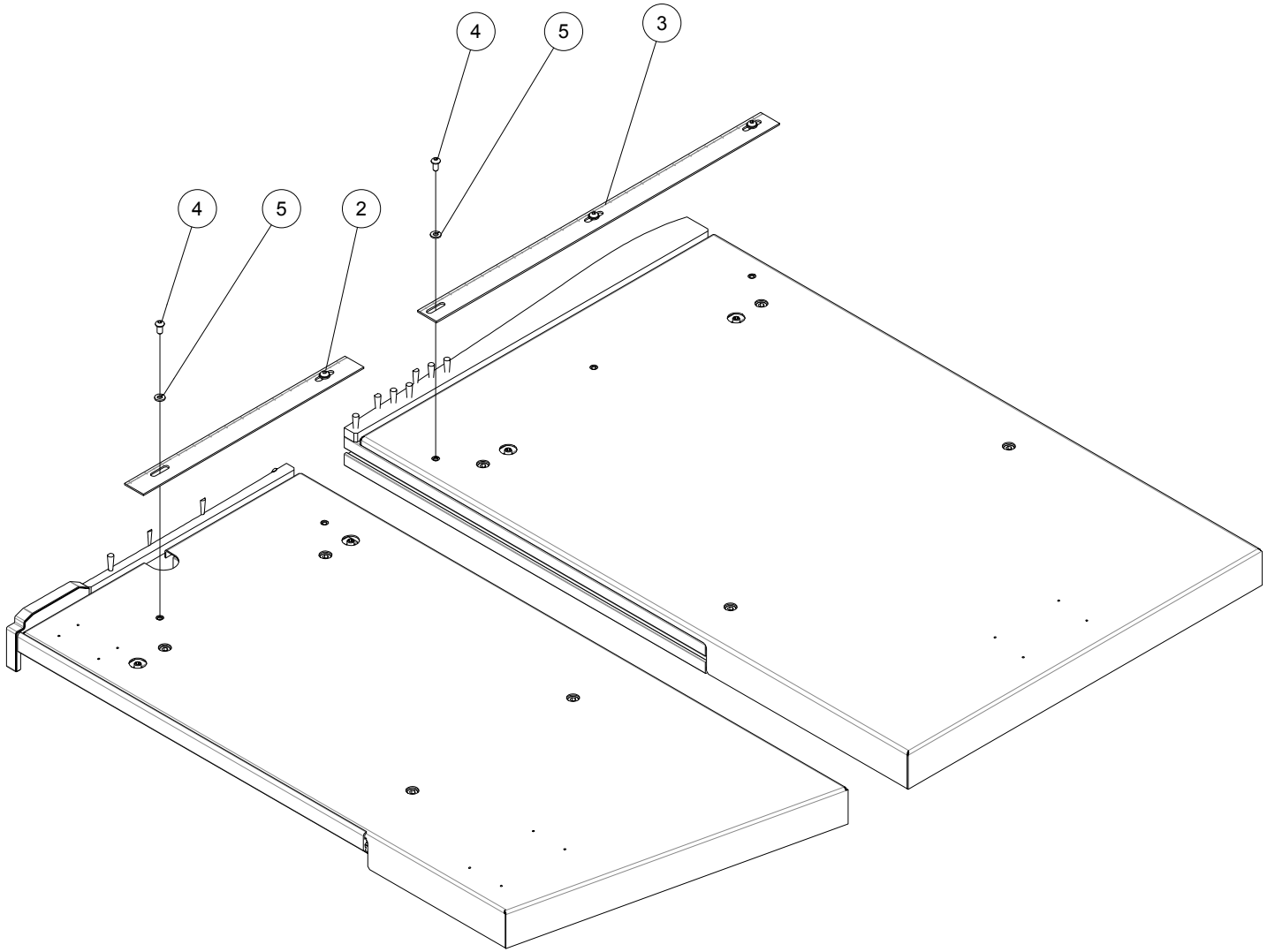


(1) Scale (F Stationary Table) Kit (mm)

CE01624---

Unit No. 453 Brush Table <Scale (F Stationary Table) Kit (mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01624---	Scale (F Stationary Table) Kit (mm)	Index 2-5	1
2	74401988 / CE01625---	Scale A (mm)		1
3	74401989 / CE01626---	Scale B (mm)		1
4	74183309 / P334500014	Button Head Screw / JIS	M6X12	5
5	74178737 / P336050005	Spring Washer / JIS	6	5

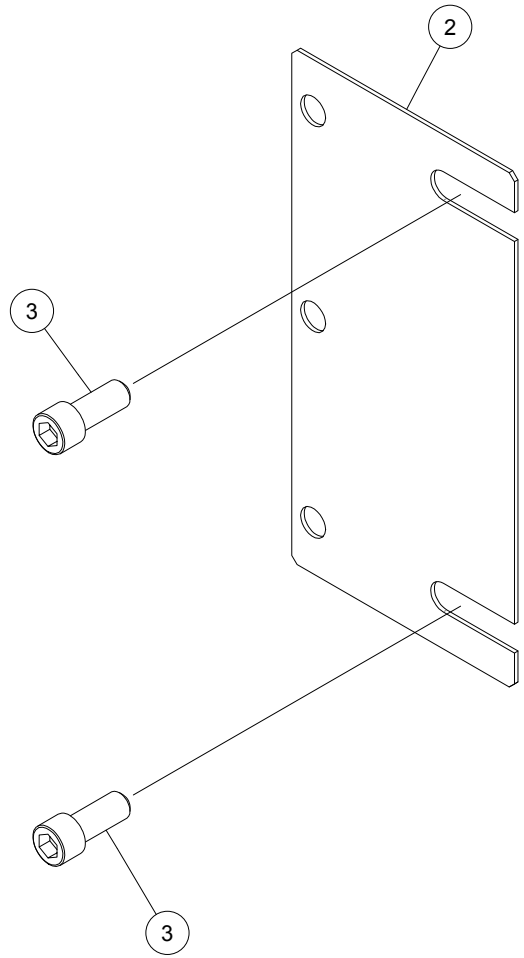


(1) Scale (F Stationary Table) ASSY (inch)

CE01627---

Unit No. 454 Brush Table <Scale (F Stationary Table) ASSY (inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01627---	Scale (F Stationary Table) ASSY (inch)	Index 2-5	1
2	74401990 CE01628---	Scale A (inch)		1
3	74401991 CE01629---	Scale B (inch)		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	5
5	74178737 P336050005	Spring Washer JIS	6	5

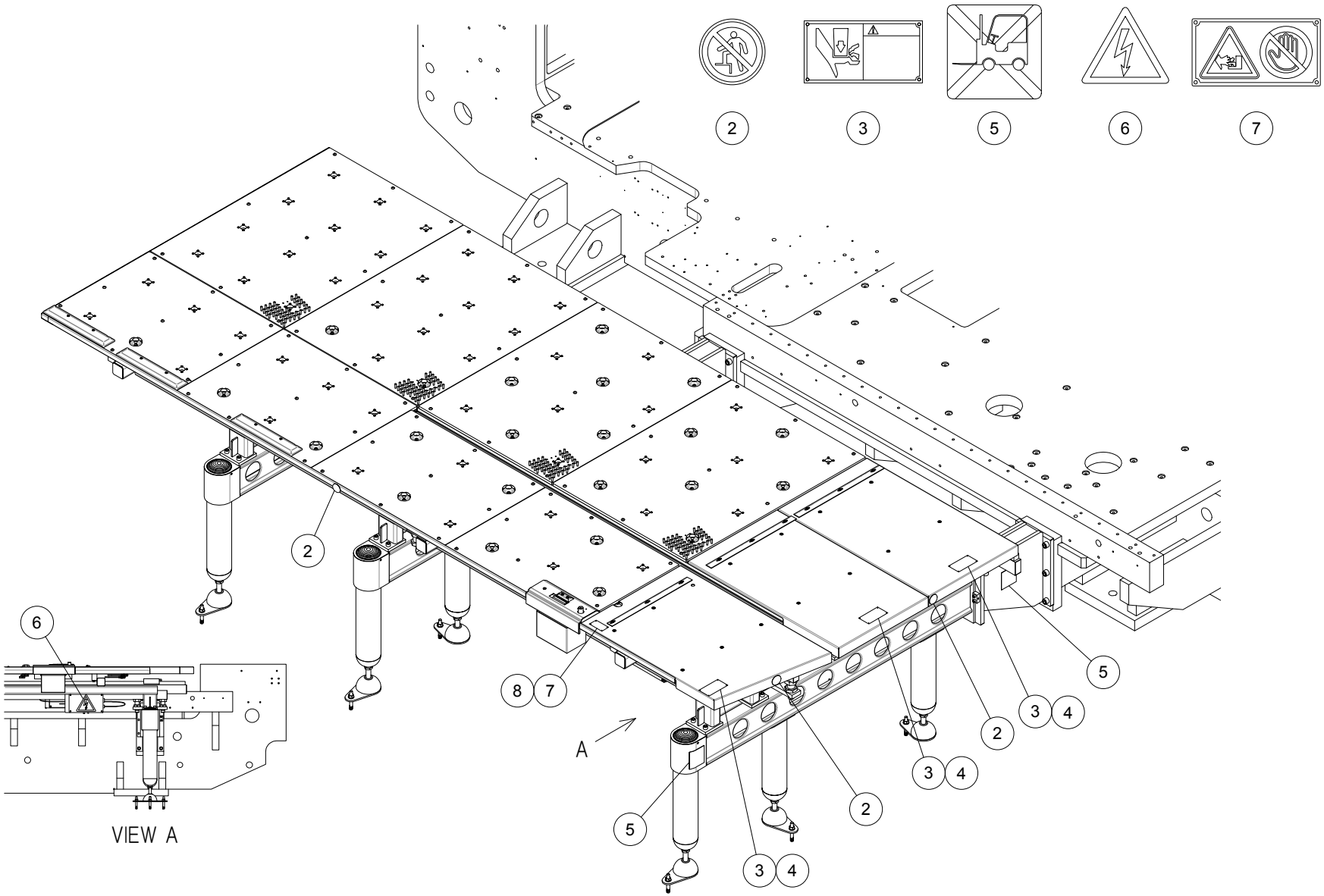


(1) Locating Kit

CE01979---

Unit No. 455 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 / CE01899---	Shim		1
3	74183656 / P330250005	Hex Socket Cap Screw	M12X30	2



(1) F Stationary Table Name Plate Kit J

CE01983---

Unit No. 456 Brush Table <F Stationary Table Name Plate Kit J>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01983---	F Stationary Table Name Plate Kit J	Index 2-9	1
2	74902622 MA04190---	Warning Plate		5
3	74776542 6045128	Warning Plate 3		3
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	12
5	74419879 3809313	Caution Plate		4
6	74379098 P360200003	Charging Mark JIS	JISB6015-80H	2
7	74450205 1669508	Warning Plate	H00C22Z02	1
8	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
9	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6

< List Only >

CE02056---

Unit No. 457 Brush Table <F Stationary Table M CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02056---	F Stationary Table M CE	Index 23	1
2	CE02059---	F Stationary Table ASSY		1
3	CE01984---	F Stationary Table Name Plate Kit CE		1

< List Only >

CE02059---

Unit No. 458 Brush Table <F Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02059---	F Stationary Table ASSY	Index 2-19	1
2	CE02060---	F Stationary Table Base ASSY		1
3	CE02065---	F Stationary Table Frame A ASSY		1
4	CE02025---	F Stationary Table Frame B ASSY		1
5	CE02067---	F Stationary Brush A ASSY		1
6	CE01531--A	F Stationary Brush B ASSY		1
7	WA00151--A	F/B Up (Stationary Table)		10
8	6894867--A	F/B Up (Movable Table)		3
9	CE02076---	F Stationary Table Piping Kit		1
10	CE00653---	Junction Box F ASSY		1
11	CE02075---	Junction Box FC ASSY		1
12	CE01616---	Cable ASSY		1

Unit No. 458 Brush Table <F Stationary Table ASSY>

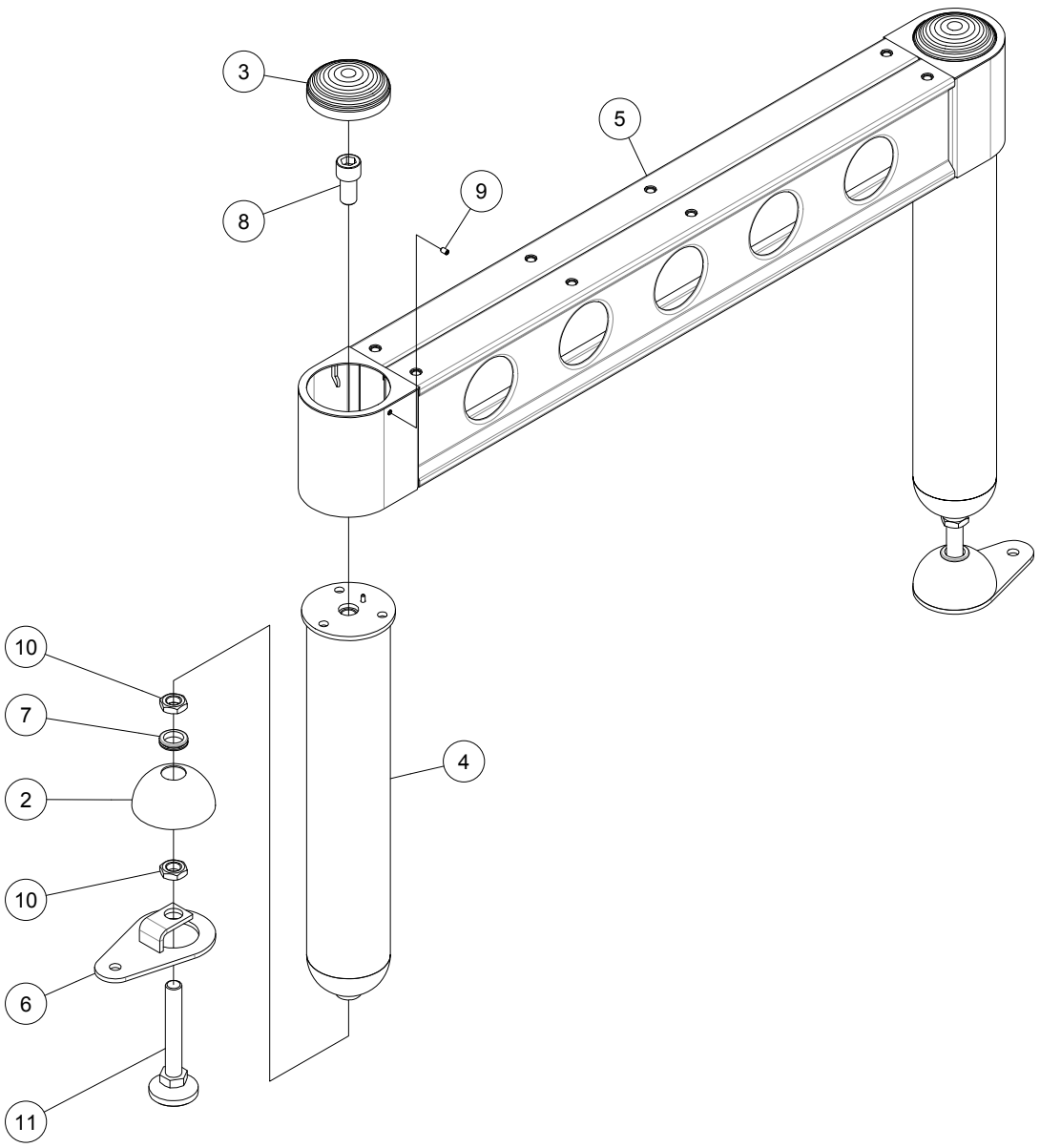
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	6870990 C	X-gauge Block ASSY		1
14	6823658	X-gauge Block Cover ASSY		1
15	6818048---	Electric Pneumatic ASSY		1
16	6533890	Support Plate ASSY		1
17	CE01624---	Scale (F Stationary Table) Kit (mm)		1
18	CE01627---	Scale (F Stationary Table) ASSY (inch)		1
19	CE01979---	Locating Kit		2

< List Only >

CE02060---

Unit No. 459 Brush Table <F Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02060---	F Stationary Table Base ASSY	Index 2-8	1
2	CE02061---	Side Table Support F ASSY		1
3	CE02063---	Side Table Base F ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	2

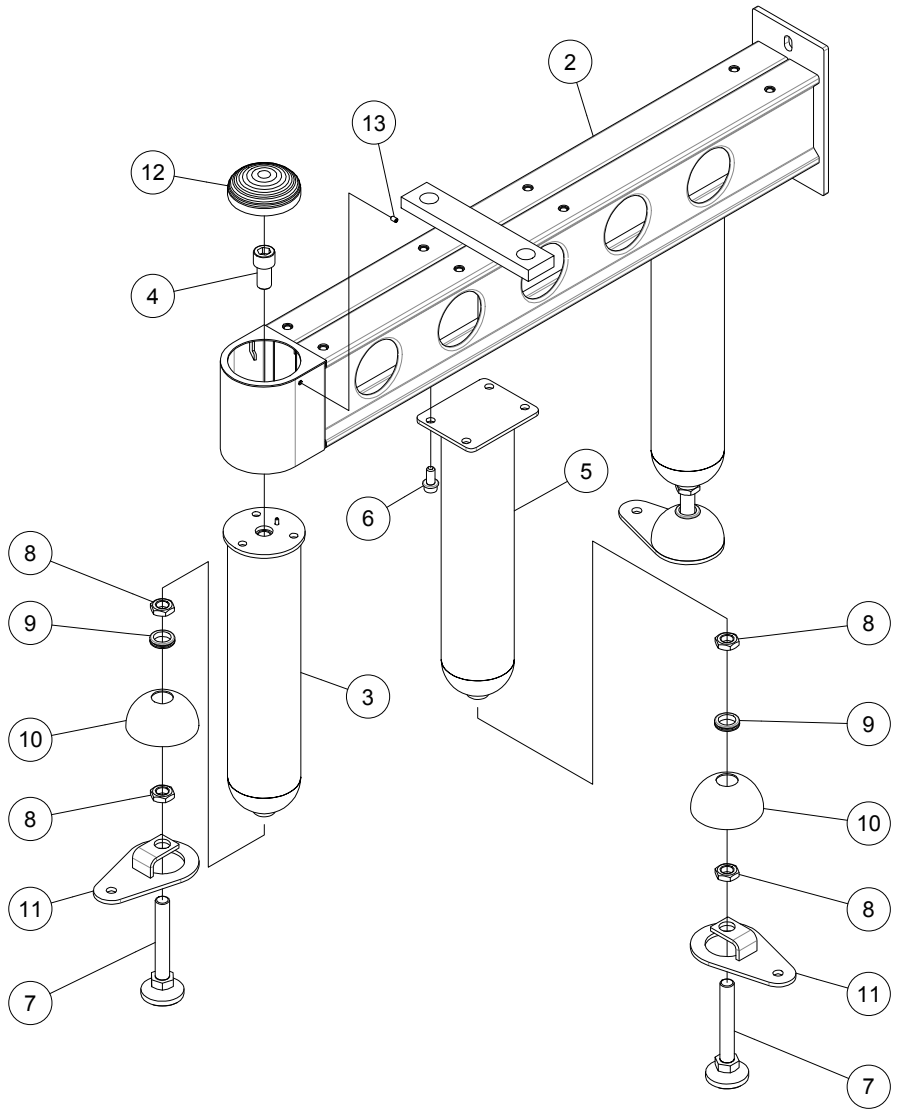


(1) Side Table Support F ASSY

CE02061---
(CE01943---)

Unit No. 460 Brush Table <Side Table Support F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02061---	Side Table Support F ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74419473 6879686	Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
10	74901389 P332000023	Nut JIS	M20(Thin)	4
11	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	2



(1) Side Table Base F ASSY

CE02063---
(CE01941---)

Unit No. 461 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02063---	Side Table Base F ASSY	Index 2-13	2
2	74401975 CE02064---	Side Table Base F		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 461 Brush Table <Side Table Base F ASSY>

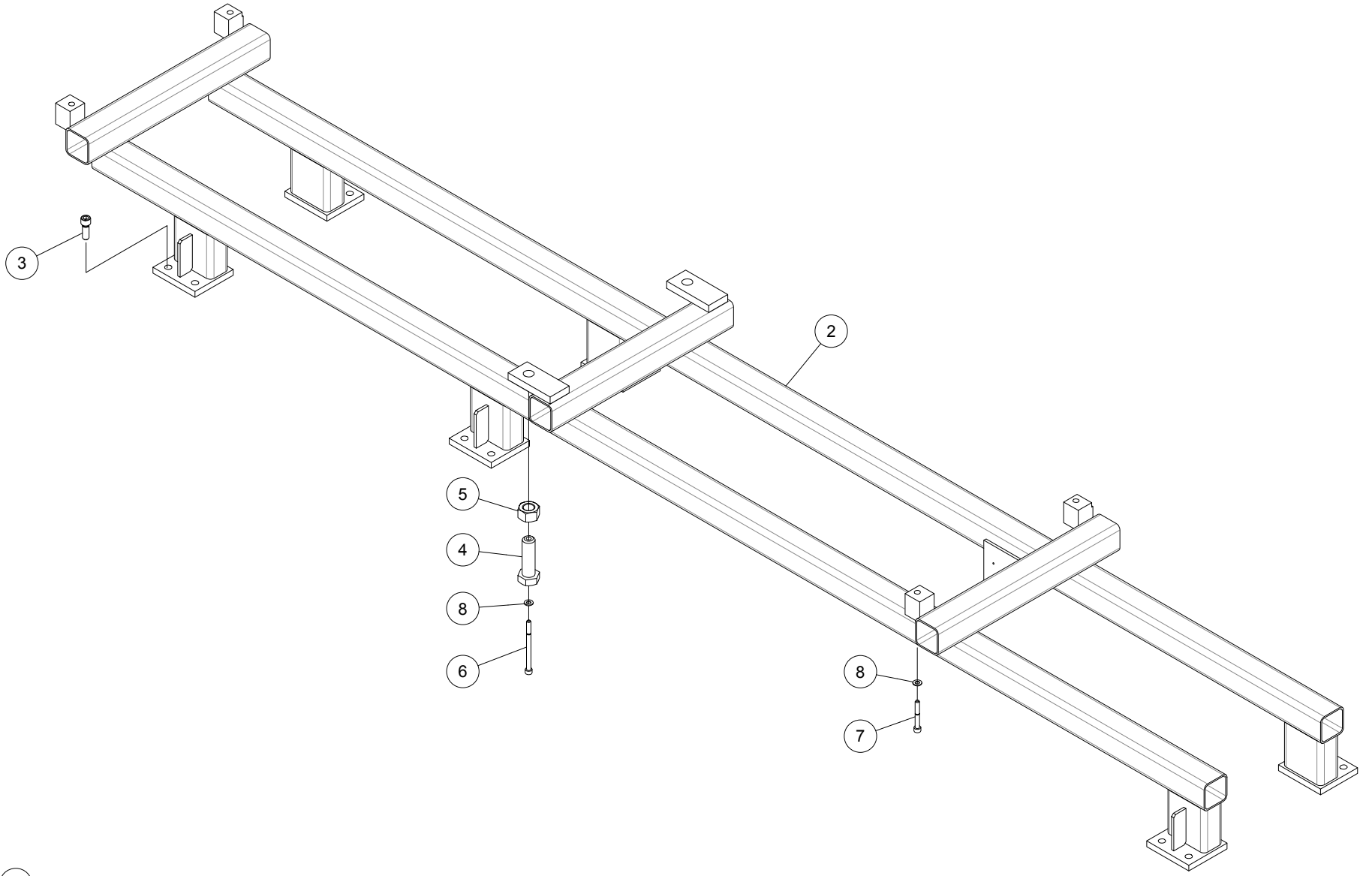
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	1

< List Only >

CE02065---

Unit No. 462 Brush Table <F Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02065---	F Stationary Table Frame A ASSY	Index 2-8	1
2	74401977 CE02066---	Side Table Frame F1		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	2
5	74776800 P332000011	Nut JIS	M24	2
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	2
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 P336000006	Washer JIS	8(Normal)	6



(1) F Stationary Table Frame B ASSY

CE02025---
(CE01882--A)

Unit No. 463 Brush Table <F Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02025---	F Stationary Table Frame B ASSY	Index 2-8	1
2	74401978 CE02026---	Side Table Frame F2		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	3
5	74776800 P332000011	Nut JIS	M24	3
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	3
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 P336000006	Washer JIS	8(Normal)	9

< List Only >

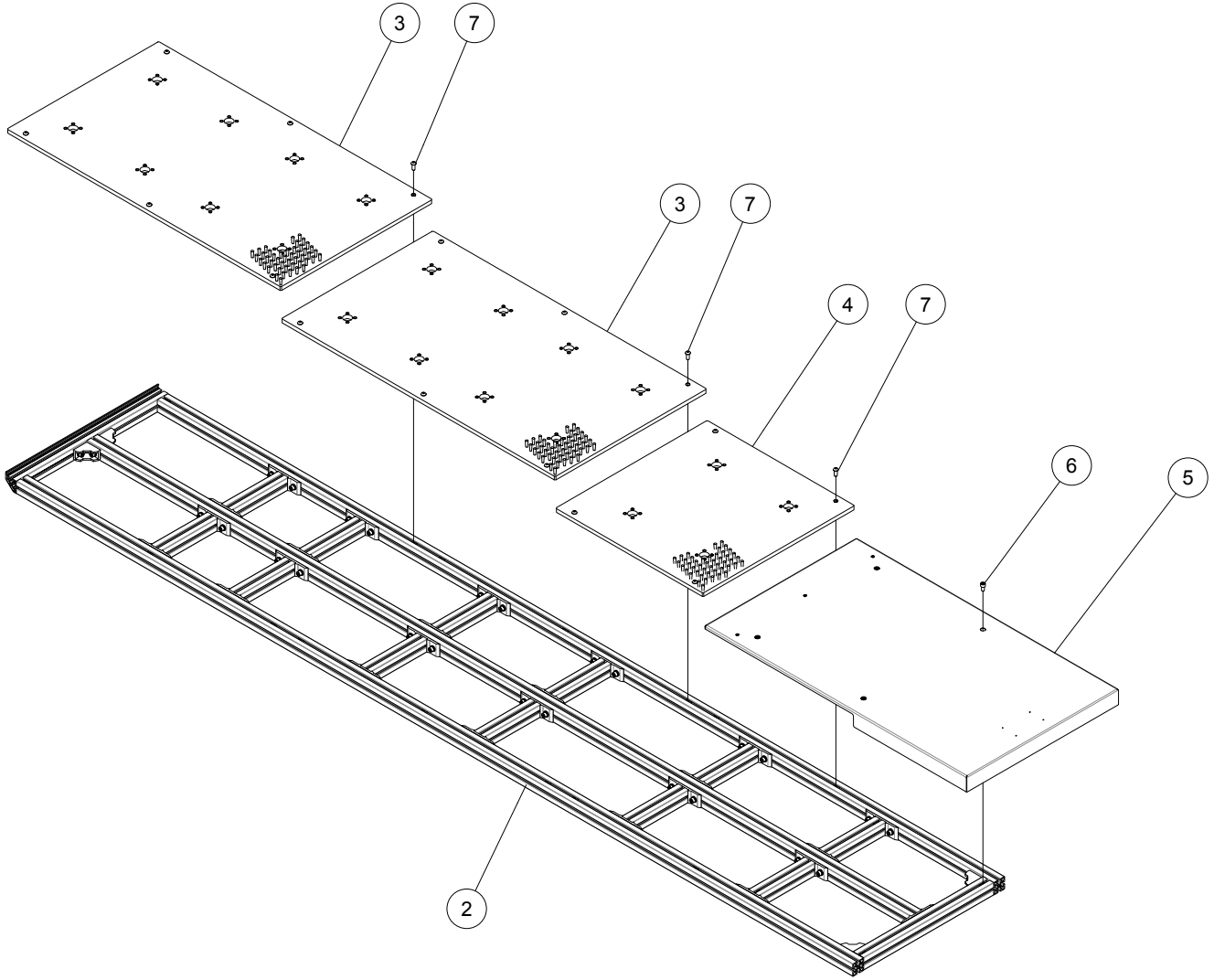
CE02067---

Unit No. 464 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02067---	F Stationary Brush A ASSY	Index 2-13	1
2	74401979 7831430---	Stationary Table (F) A NIC		1
3	74401980 CE02068---	MDF Brush K-5		1
4	74401981 CE02069---	MDF Brush K-6		1
5	74401982 CE02070---	MDF Brush K-11		1
6	74401983 CE02071---	Cover Table F-1		1
7	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
8	74183316 P334500020	Button Head Screw	M8X20	16
9	74453518 6894885	MDF Brush Guard		2
10	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
11	74159714 P336000005	Washer JIS	6(Normal)	4
12	74178737 P336050005	Spring Washer JIS	6	4

Unit No. 464 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795	Nut	M6	4
	P332000004	JIS		

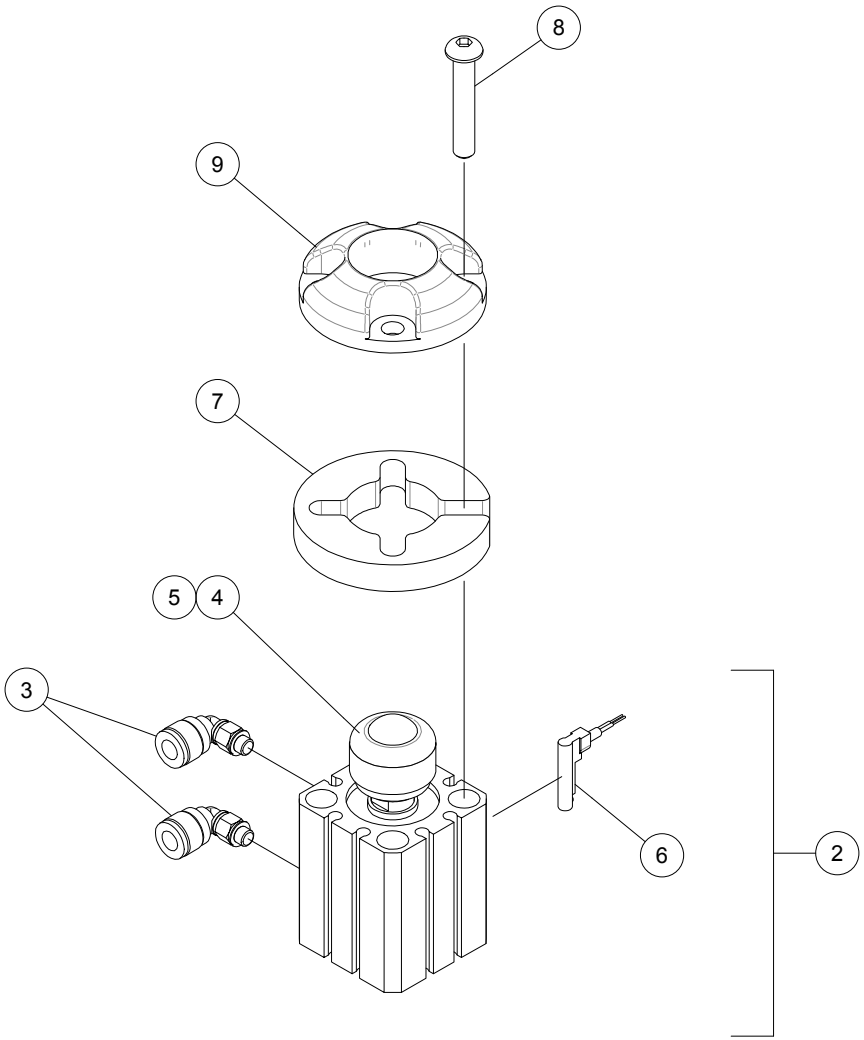


(1) F Stationary Brush B ASSY

CE01531--A

Unit No. 465 Brush Table <F Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01531--A	F Stationary Brush B ASSY	Index 2-7	1
2	74401984 7831421---	Stationary Table (F) B NIC		1
3	74401985 CE01532---	MDF Brush K-12		2
4	74401986 CE01533---	MDF Brush K-13		1
5	74401987 CE02072---	Cover Table F-2		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	16

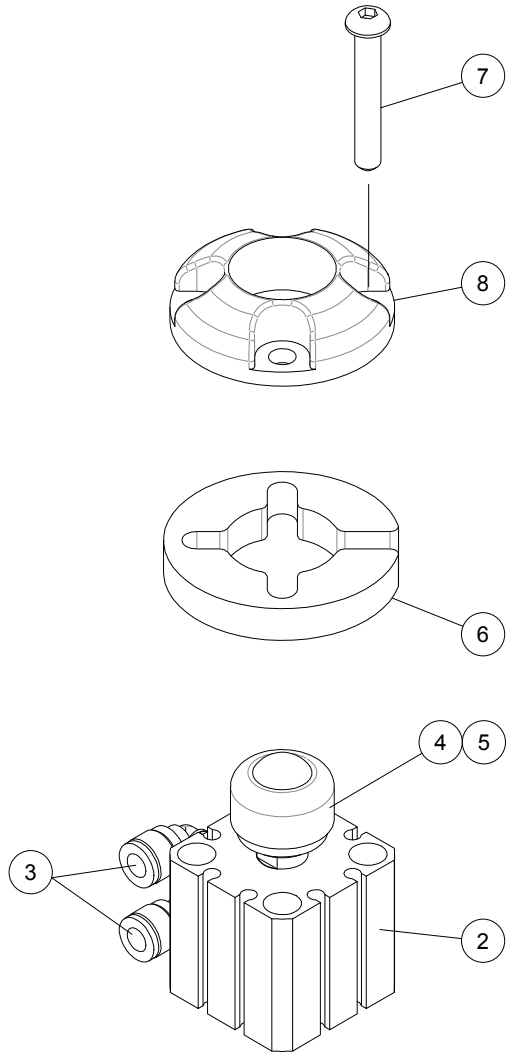


(1) F/B Up (Stationary Table)

WA00151--A

Unit No. 466 Brush Table <F/B Up(Stationary Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F/B Up (Stationary Table)		25
	WA00151--A		Index 2-9	
2	74613455	Cylinder	CDQSB25-15-DCN070EN	1
	7831720--A	SMC	with Index 3-6	
3	74613235	One Touch Fitting	KQ2L06-M5 (Union Elbow)	2
	P586563125	SMC		
4	74613749	PLANEVEYOR	PV20B-AM4	1
	SPT0023---	ATEC		
5	74613246	Washer	M8 (1.6t)	1
	S420120---	SMC		
6	74901413	Auto Switch	D-A90VL	1
	P829008096	SMC		
7	74417294	Cylinder Collar		1
	6875692			
8	74387325	Button Head Screw	M6X35	4
	P334500059	JIS		
9	74453517	Free Bearing Guide		1
	6894886			

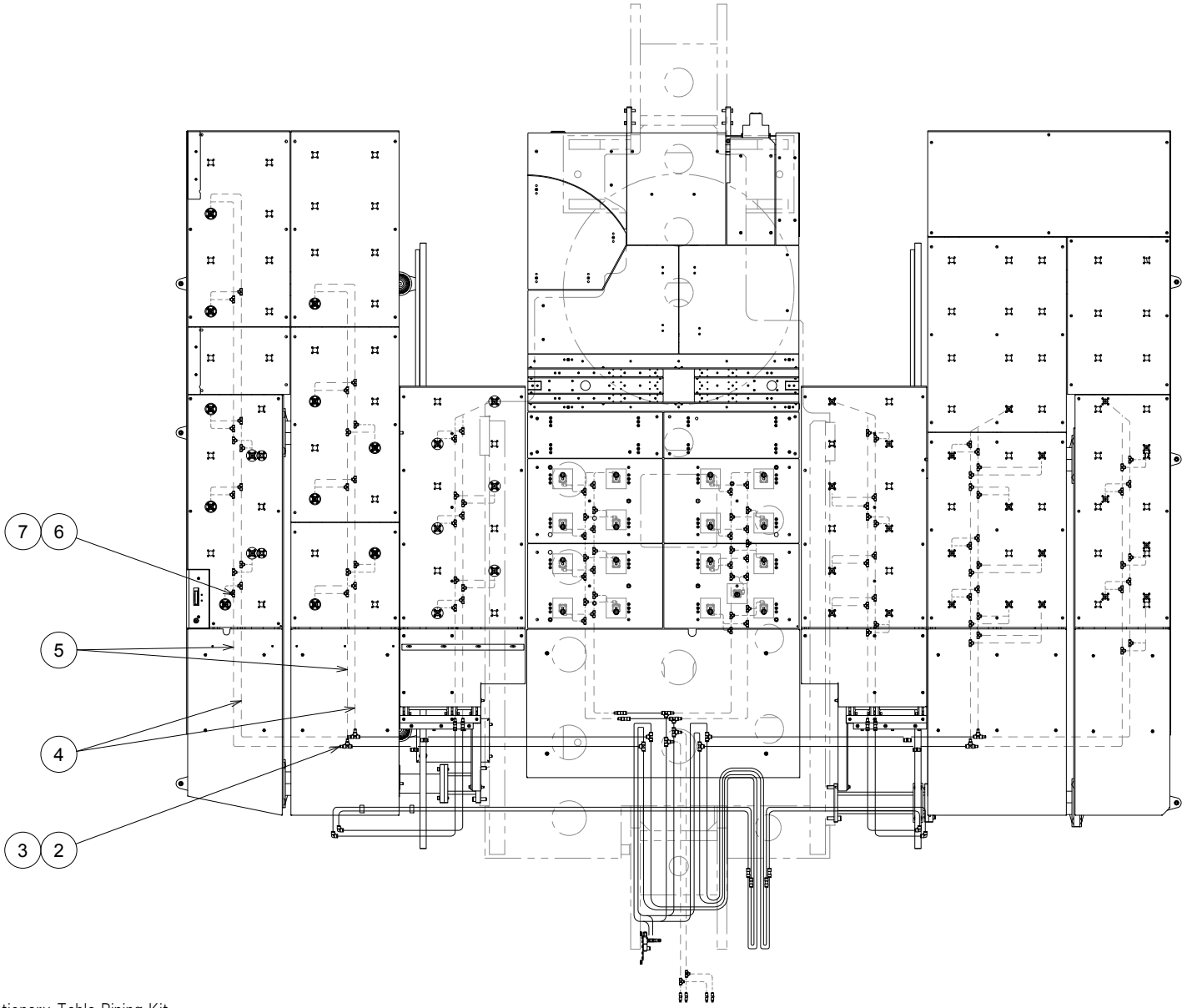


(1) F/B Up (Movable Table)

6894867--A

Unit No. 467 Brush Table <F/B Up(Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6894867--A	F/B Up (Movable Table)	Index 2-8	7
2	74613745 7831680--A	Cylinder SMC	CQSB25-15 with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	24
4	74613749 SPT0023---	PLANEVEYOR ATEC	PV20B-AM4	12
5	74613246 S420120---	Washer SMC	M8 (1.6t)	12
6	74417294 6875692	Cylinder Collar		1
7	74776829 P334500037	Button Head Screw JIS	M6X40	4
8	74453517 6894886	Free Bearing Guide		1

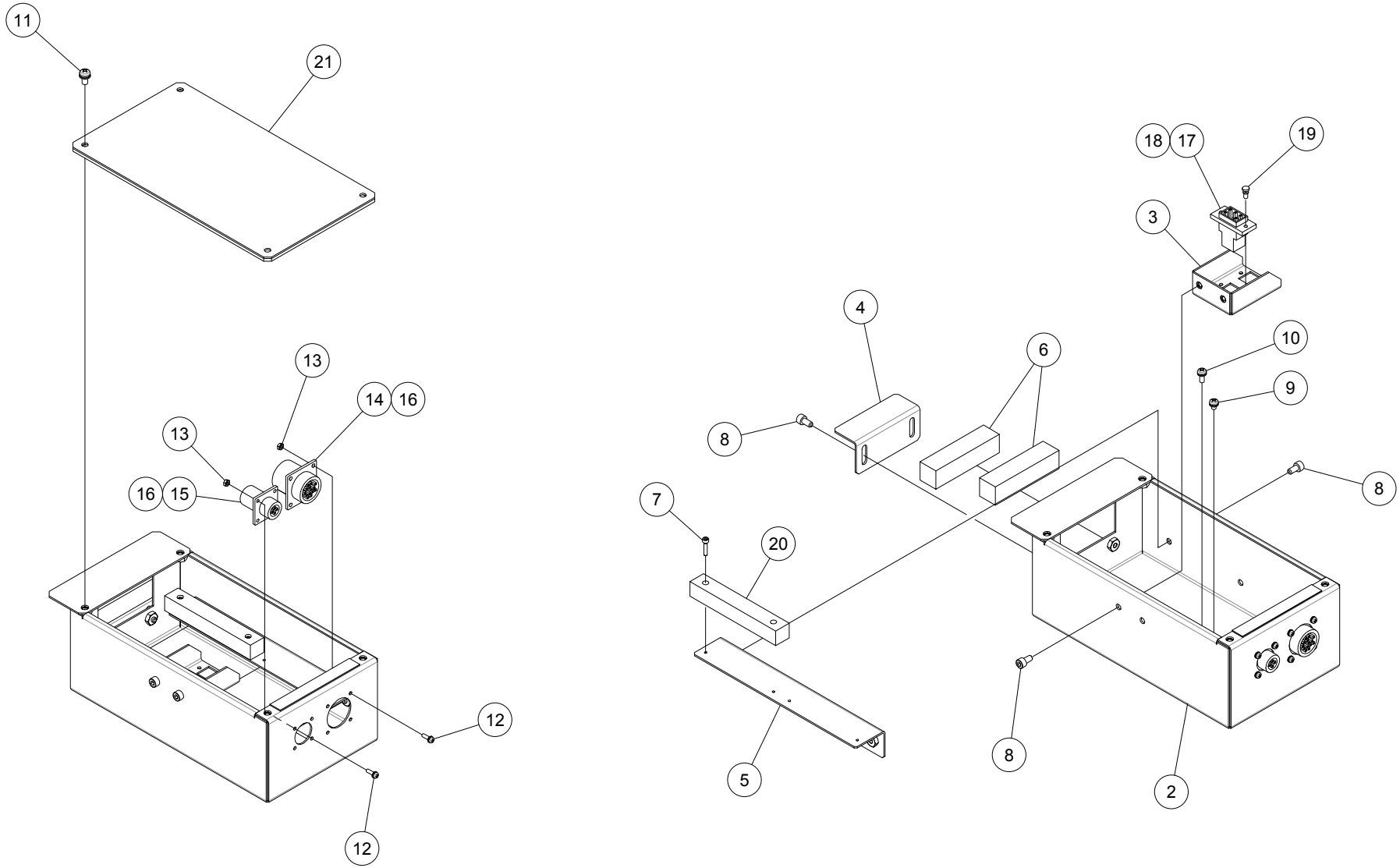


(1) F Stationary Table Piping Kit

CE02076---
(CE02077---)

Unit No. 468 Brush Table <Stationary Front Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02076---	F Stationary Table Piping Kit	Index 2-7	1
2	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
3	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	4
4	74569815 P230222104	Plastic Hose NITTA MOORE	U2-4-6X4(Blue)-10M	2
5	74569814 P230222105	Plastic Hose NITTA MOORE	U2-4-6X4(Red)-10M	2
6	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	22
7	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	15



(1) Junction Box F ASSY

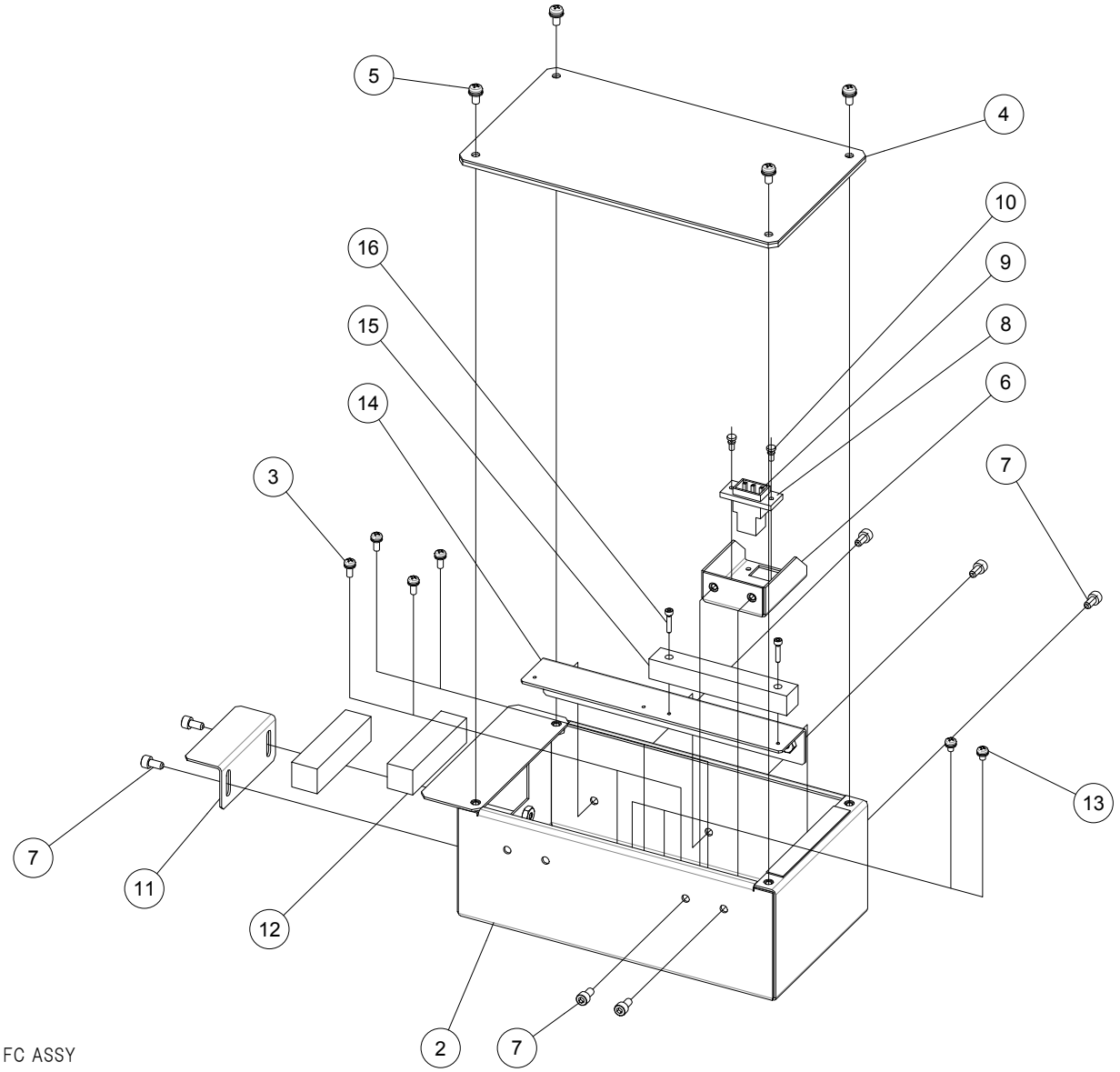
CE00653---

Unit No. 469 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00653---	Junction Box F ASSY	Index 2-21	1
2	74400389 CE00830---	Junction Box F		1
3	74901476 MA01117---	Housing Plate FC		1
4	74901477 MA01118---	Cable Clamp FC		1
5	74901478 MA01119---	Bracket		1
6	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
8	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
9	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3
10	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
11	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
12	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	8

Unit No. 469 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183201 / P332000001	Nut / JIS	M3	8
14	74521705 / P862032003	Plastic Round Connector / AMP	206036-1	1
15	74565182 / P862032012	Plastic Round Connector / AMP	206061-1	1
16	74450170 / P862142082	Plug Type Terminal / AMP	66099-3	18
17	74386501 / P862042068	Rectangle Connector / AMP	178803-3	1
18	74489980 / P862142029	Plug Type Terminal / AMP	175289-2	5
19	74386505 / P862182002	Accessory for Connector / AMP	900128-2 (Push Rivet)	2
20	74569809 / P864008047	Block Terminal / WEIDMULLER	MK4/16KRG	1
21	74901661 / WA00219---	Junction Box Cover		1



(1) Junction Box FC ASSY

CE02075---

Unit No. 470 Brush Table <Junction Box FC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02075---	Junction Box FC ASSY	Index 2-16	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74901476 MA01117---	Housing Plate FC		1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
8	74386501 P862042068	Rectangle Connector AMP	178803-3	1
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	3
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
11	74901477 MA01118---	Cable Clamp FC		1
12	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2

Unit No. 470 Brush Table <Junction Box FC ASSY>

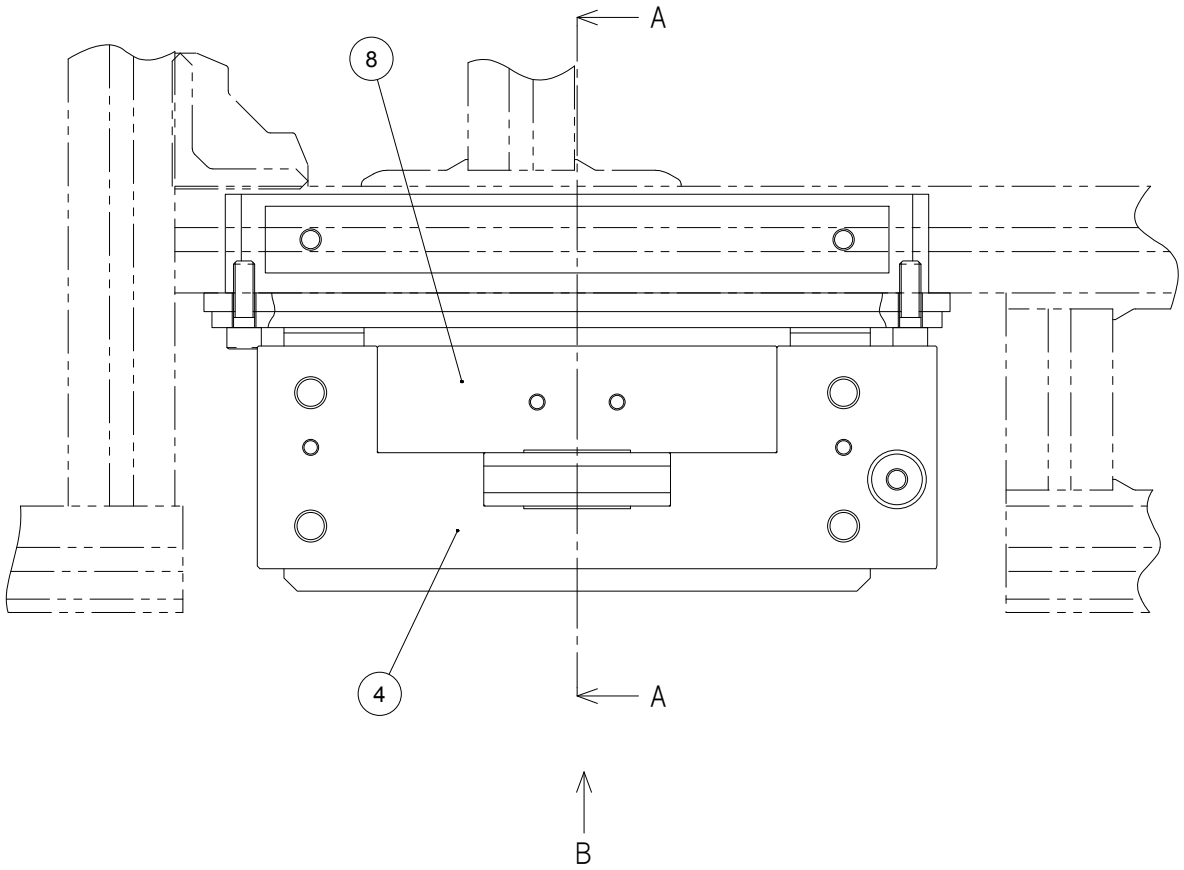
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	2
14	74901478 MA01119---	Bracket		1
15	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
16	74319101 P330200006	Hex Socket Cap Screw	M3X15	2

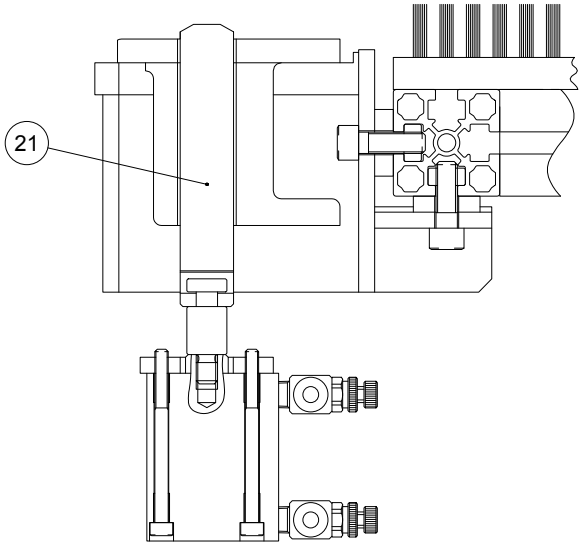
< List Only >

CE01616---

Unit No. 471 Brush Table <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01616---	Cable ASSY	Index 2	1
2	74400390 / CE00831---	Cable CH-1		1



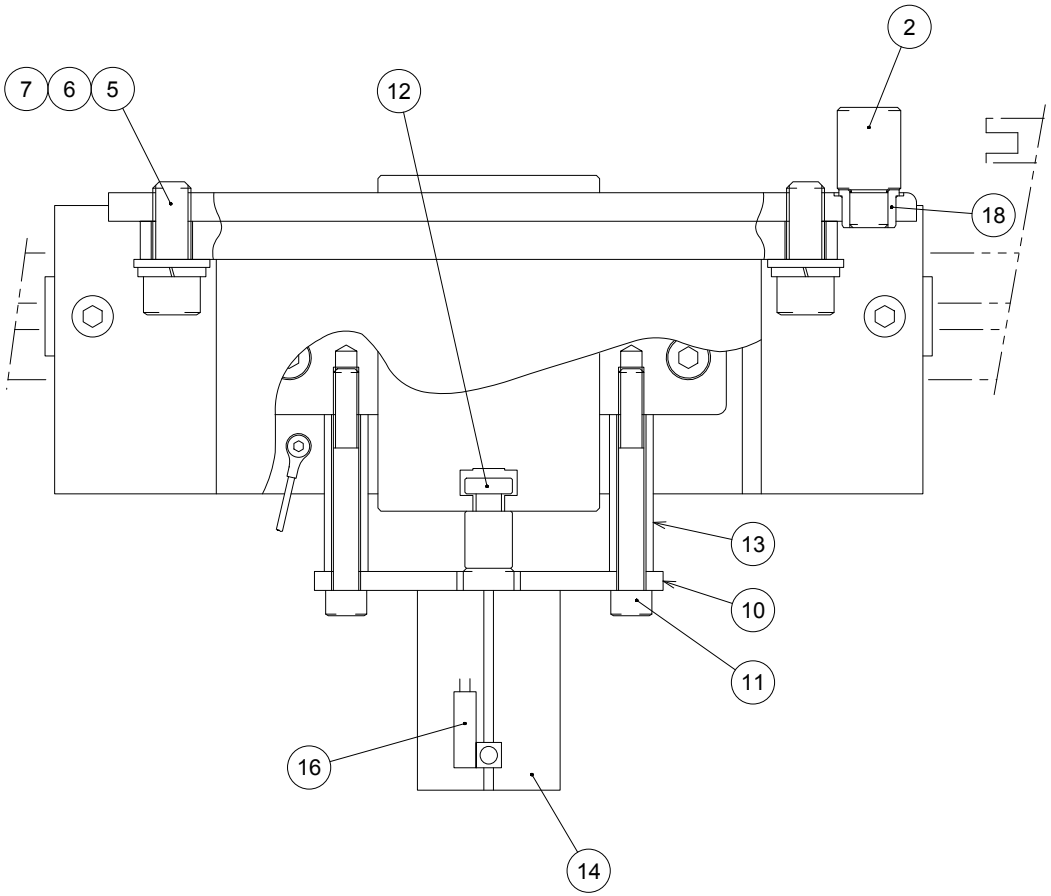


SECTION A-A

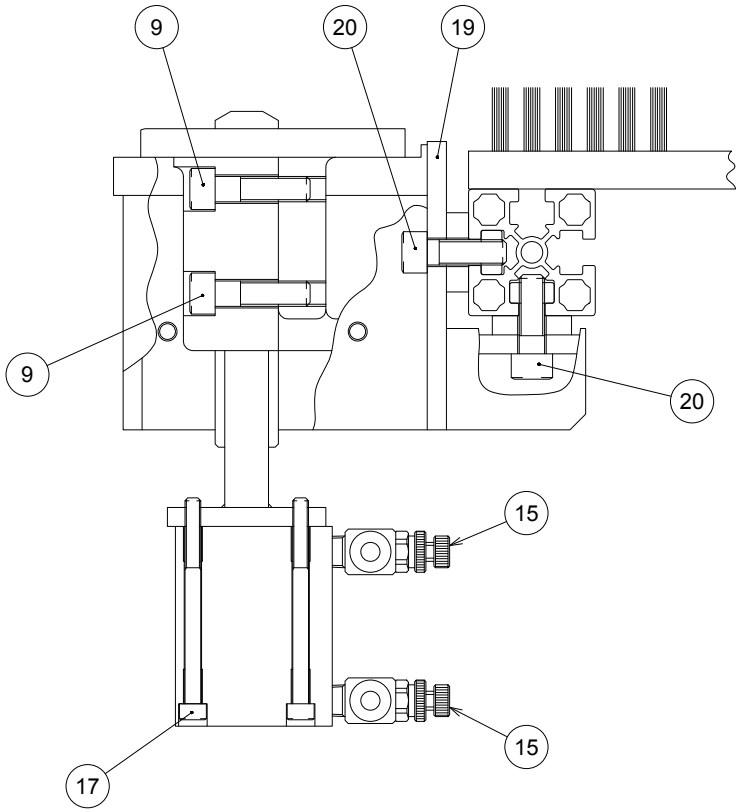
(1) X-gauge Block ASSY

(3) Pneumatic X-gauge Block ASSY

6870990 C



VIEW B



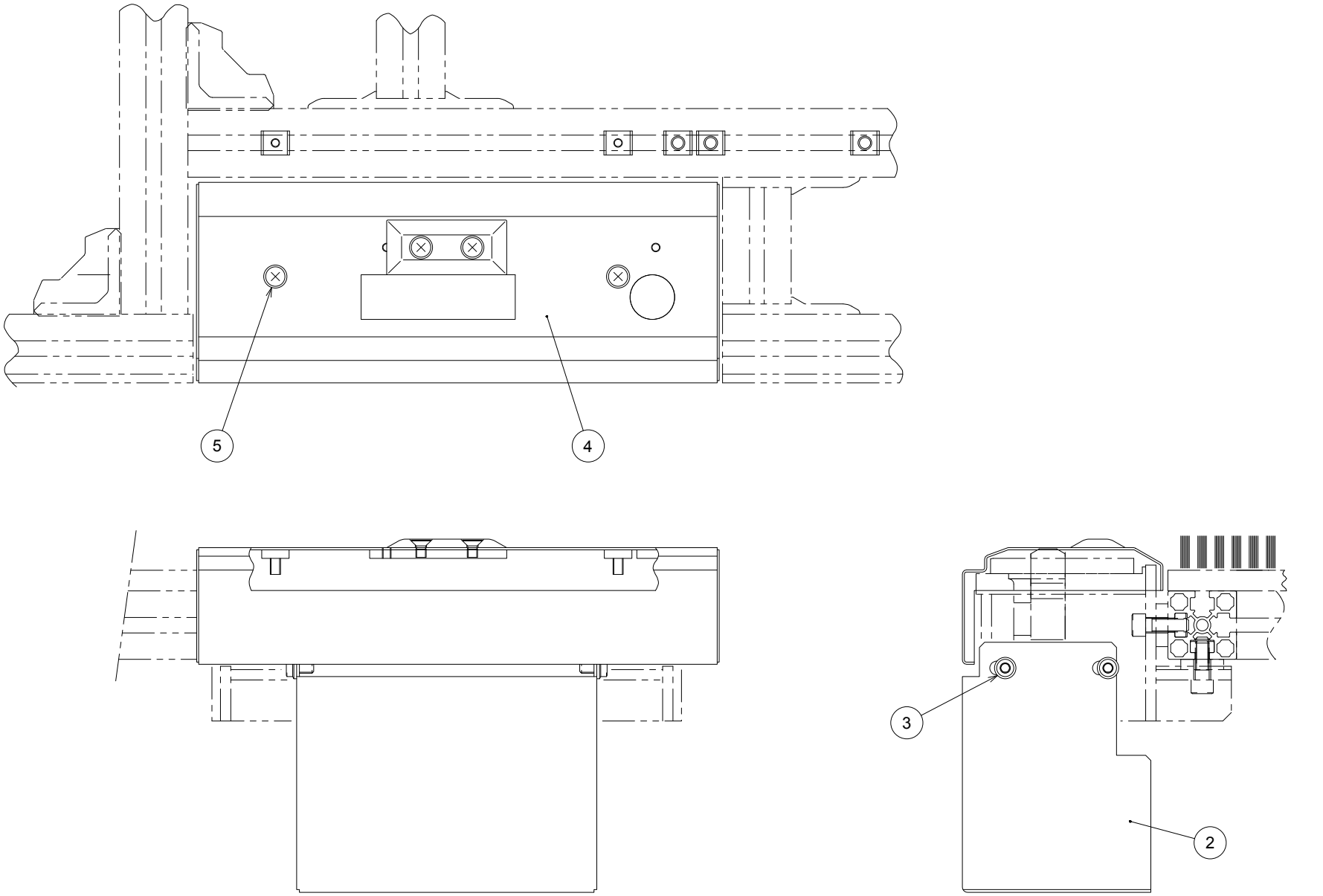
6870990 C

Unit No. 472 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6870990 C	X-gauge Block ASSY	Index 2-21	1
2	74389510 / 6572979 B	Stopper Pin		1
3	6870992	Pneumatic X-gauge Block ASSY	Index 4-21	1
4	74382322 / 6572986 E	Locating Pin Guide A		1
5	74183656 / P330250005	Hex Socket Cap Screw	M12X30	4
6	74183104 / P336050008	Spring Washer / JIS	12	4
7	74183031 / P336000008	Washer / JIS	12(Normal)	4
8	74382103 / 6572978 B	Locating Pin Guide		1
9	74183624 / P330230008	Hex Socket Cap Screw	M8X30	4
10	74722137 / 6533802	Cylinder Guide B		1
11	74183632 / P330230016	Hex Socket Cap Screw	M8X70	2
12	74382319 / 6533803 A	Locating Pin Collar		1

Unit No. 472 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74382007 6533807	Cylinder Guide A		2
14	74415497 7832807 A	Cylinder SMC	CDQ2B32D-W0501-30 with Index 1516	1
15	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	2
16	74901621 S40000543-	Auto Switch SMC	D-A73HL	1
17	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	4
18	74387377 6578599 B	Stopper Pin Bushing		1
19	74578845 6597285 B	Locating Pin Bracket		1
20	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
21	74382318 6533801	Stopper		1



1 X-gauge Block Cover ASSY

6823658

Unit No. 473 Brush Table <Cover>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		X-gauge Block Cover ASSY		1
	6823658		Index 2-5	
2	74575629	Side Cover		1
	6813196 A			
3	74776775	Flange Socket Bolt	M6X10	4
	P330468015	NISSAN NEJI		
4	74571329	X-gauge Block Cover A		1
	6823659			
5	74305021	Flat Head Bolt	M6X15	2
	P334520001	NISSAN NEJI		

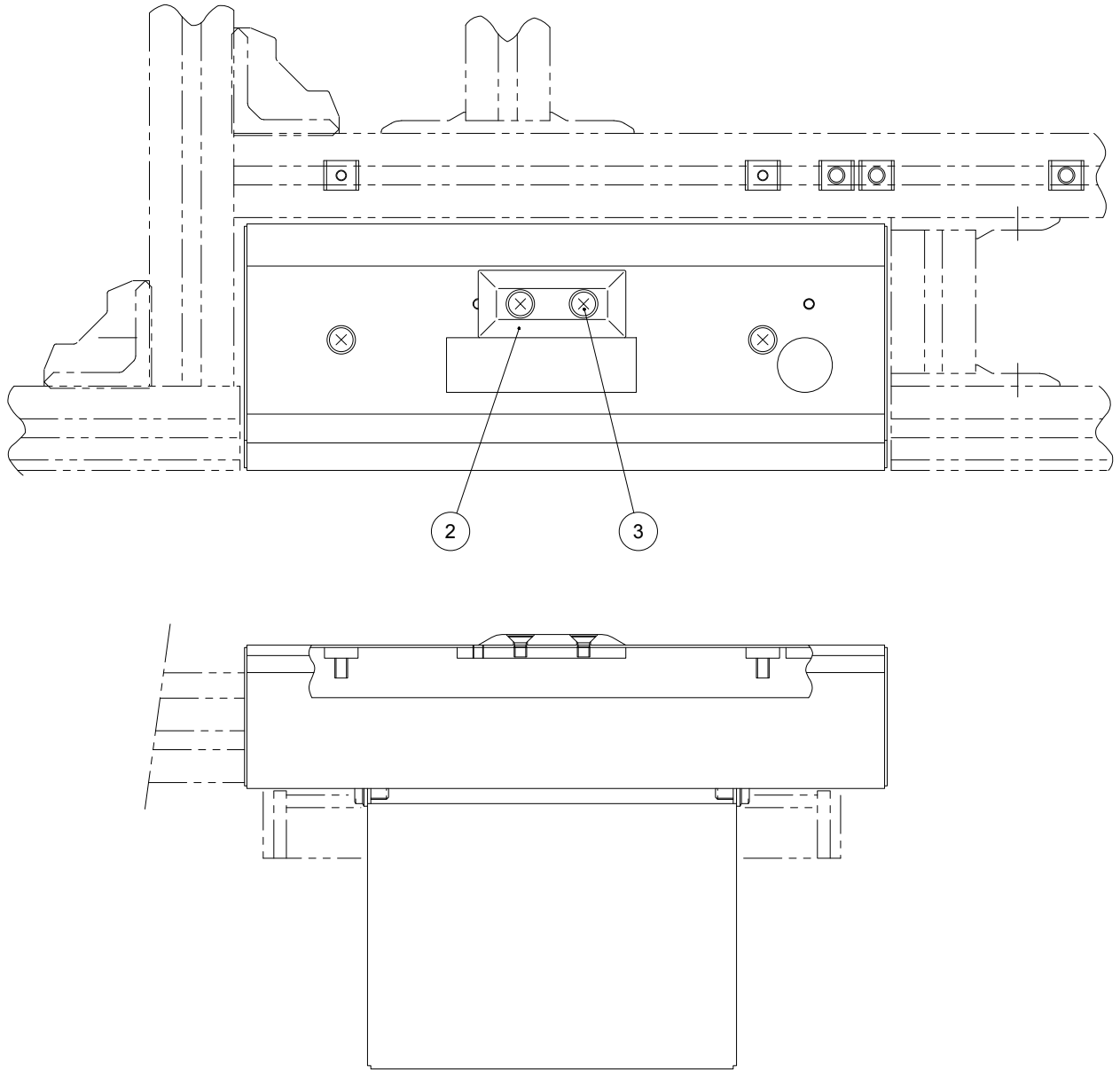
< List Only >

6818048---

Unit No. 474 Brush Table <Electric Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Electric Pneumatic ASSY		1
	6818048---		Index 2-10	
2	74401253	X-gauge Block Solenoid	VQZ3121-5YZ-02-F-X52	1
	7832809	SMC	Index 3-6	
3	74368207	Silencer	AN103-01	1
	P557032003	SMC		
4	74569148	One Touch Fitting	KQ2L06-02S	1
	P586623032	SMC		
5	74453537	One Touch Fitting	KQ2S10-02S	1
	P586533066	SMC		
6	74901409	Pilot Solenoid Valve	VQZ3121-5YZ-02-F	1
	P556002712	SMC		
7	74413041	Hex Socket Cap Screw	M4X8	2
	P330200014			
8	74569814	Plastic Hose	U2-4-6X4(Red)-2M	1
	P230222101	NITTA MOORE		
9	74569815	Plastic Hose	U2-4-6X4(Blue)-2M	1
	P230222102	NITTA MOORE		
10	74575280	Cable Y-12 (1)		1
	6827575			

Unit No. 475 Brush Table <Support Plate ASSY>

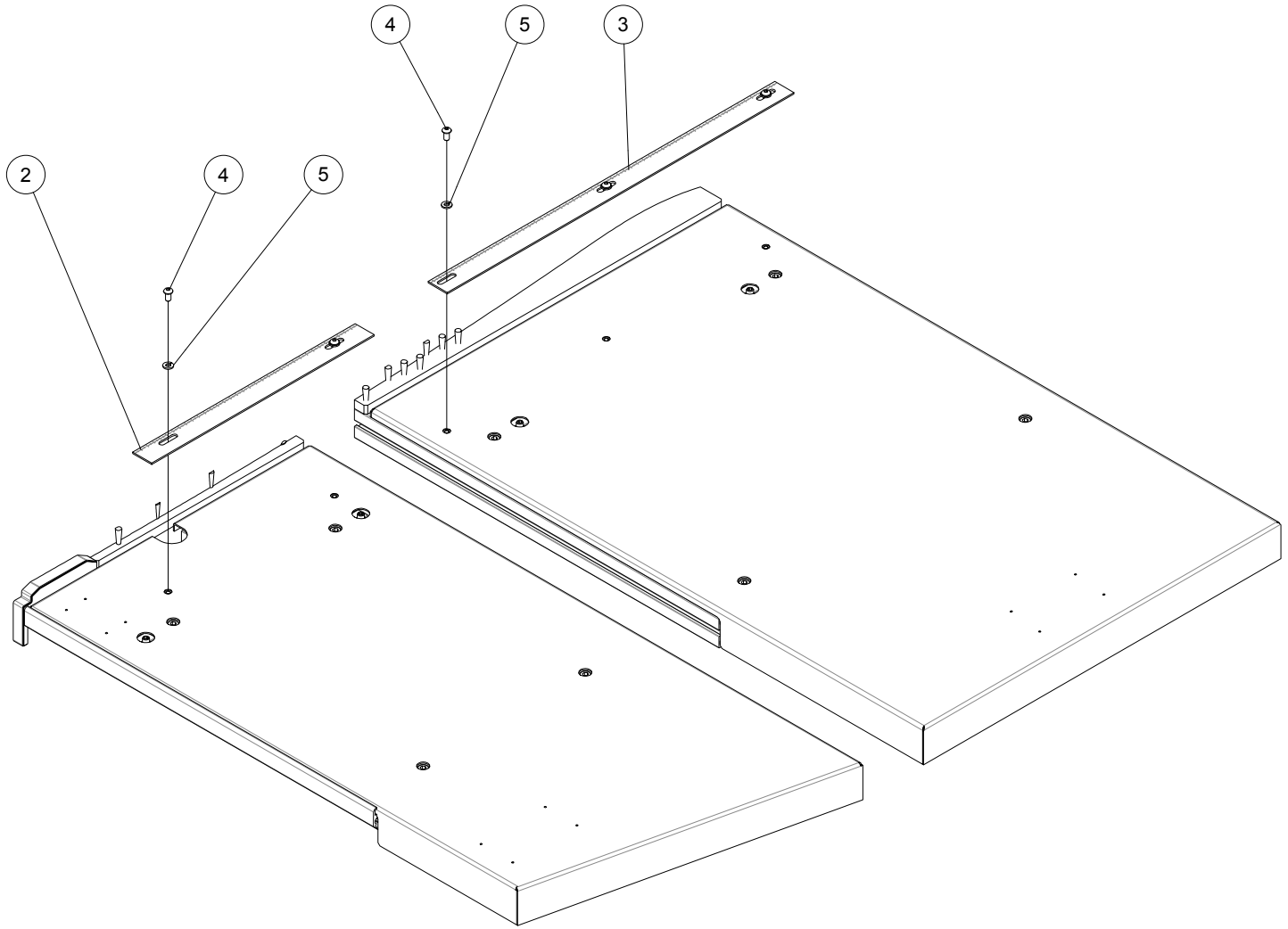


(1) Support Plate ASSY

6533890
(6823658)

Unit No. 475 Brush Table <Support Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6533890	Support Plate ASSY	Index 23	1
2	74305715 0819402 A	Support Plate		1
3	74355104 P334520014	Flat Head Bolt NISSAN NEJI	M6X20	2

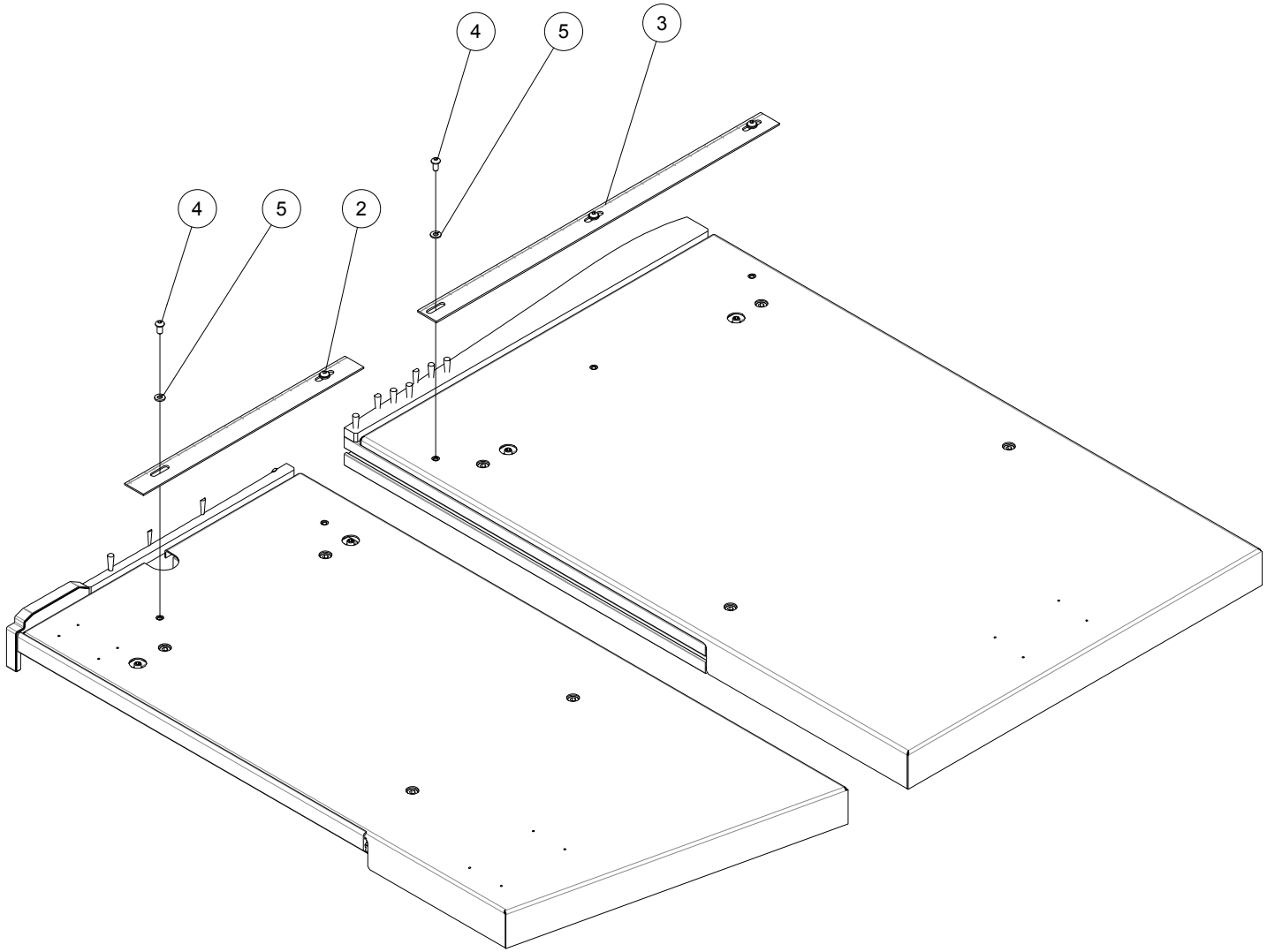


(1) Scale (F Stationary Table) Kit (mm)

CE01624---

Unit No. 476 Brush Table <Scale (F Stationary Table) Kit (mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01624---	Scale (F Stationary Table) Kit (mm)	Index 2-5	1
2	74401988 / CE01625---	Scale A (mm)		1
3	74401989 / CE01626---	Scale B (mm)		1
4	74183309 / P334500014	Button Head Screw / JIS	M6X12	5
5	74178737 / P336050005	Spring Washer / JIS	6	5

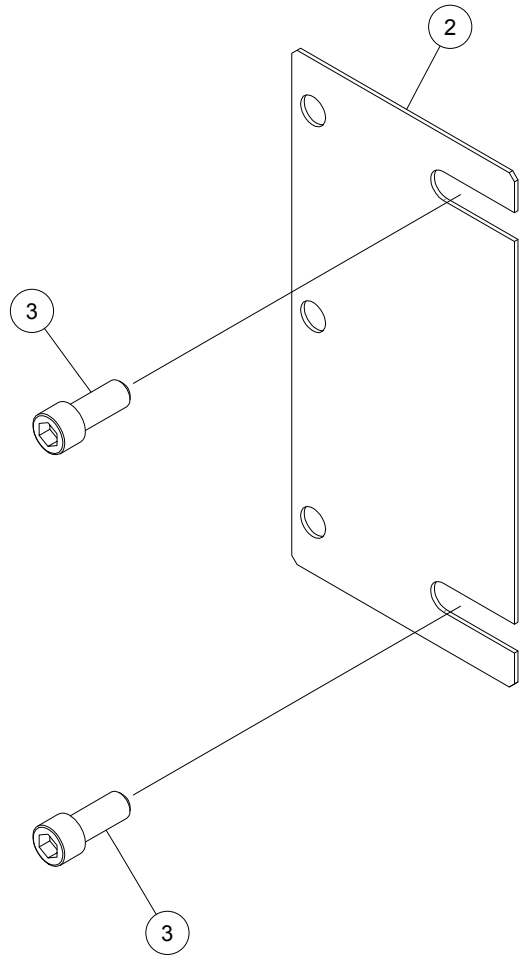


(1) Scale (F Stationary Table) ASSY (inch)

CE01627---

Unit No. 477 Brush Table <Scale (F Stationary Table) ASSY (inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01627---	Scale (F Stationary Table) ASSY (inch)	Index 2-5	1
2	74401990 CE01628---	Scale A (inch)		1
3	74401991 CE01629---	Scale B (inch)		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	5
5	74178737 P336050005	Spring Washer JIS	6	5

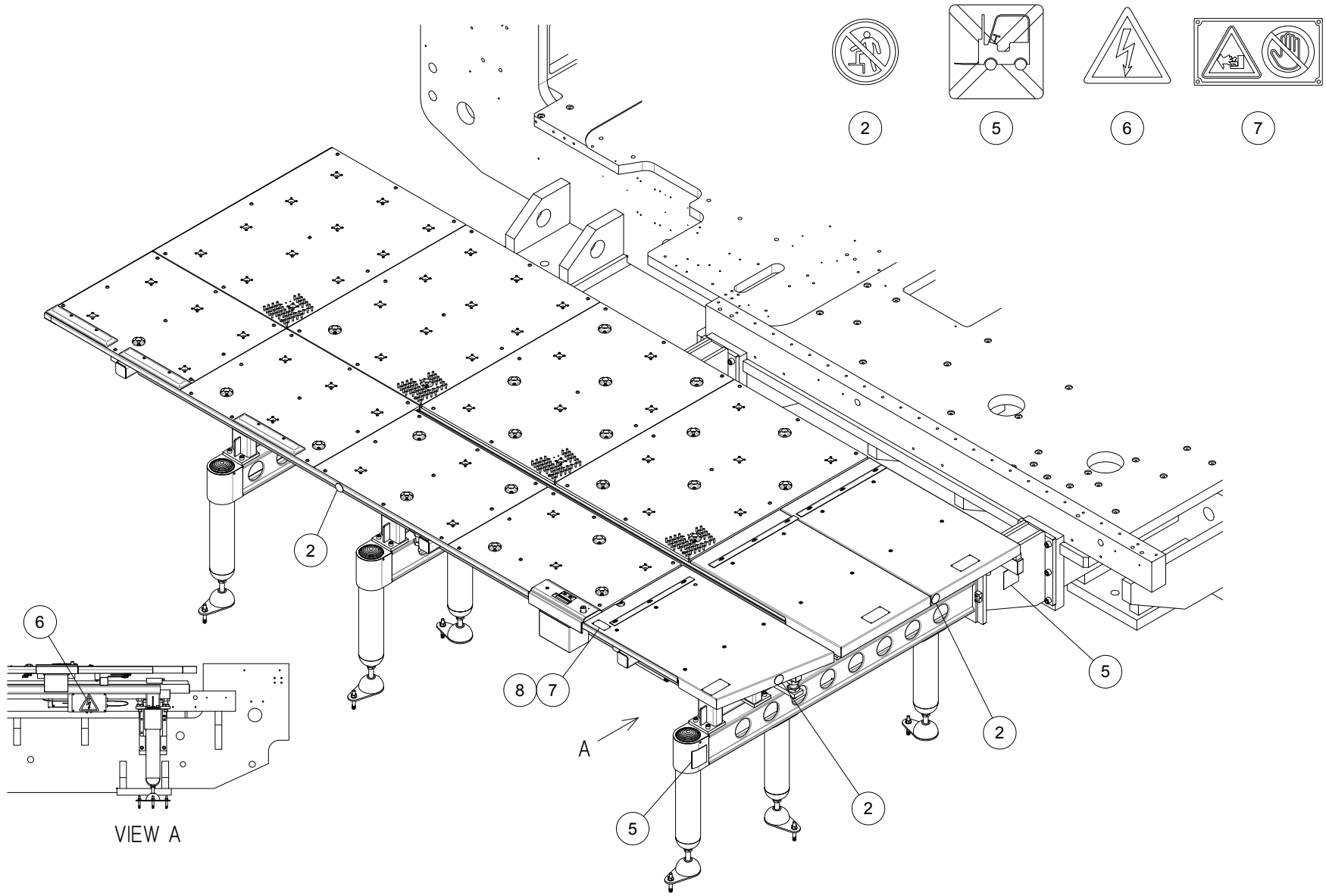


(1) Locating Kit

CE01979---

Unit No. 478 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 / CE01899---	Shim		1
3	74183656 / P330250005	Hex Socket Cap Screw	M12X30	2



(1) F Stationary Table Name Plate Kit CE

CE01984---

Unit No. 479 Brush Table <F Stationary Table Name Plate Kit CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01984---	F Stationary Table Name Plate Kit CE	Index 2-9	1
2	74902622 MA04190---	Warning Plate		5
3	74901536 MA02938---	Stationary Table Sticker 1 Export	List Only	1
4	74901537 MA02939---	Stationary Table Sticker 2 Export	List Only	1
5	74419480 3809322	Caution Plate		4
6	74379098 P360200003	Charging Mark JIS	JISB6015-80H	2
7	74450205 1669508	Warning Plate	H00C22Z02	1
8	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4
9	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6

< List Only >

CE02057---

Unit No. 480 Brush Table <F Stationary Table M E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02057---	F Stationary Table M E	Index 23	1
2	CE02059---	F Stationary Table ASSY		1
3	CE01985---	F Stationary Table Name Plate Kit E		1

< List Only >

CE02059---

Unit No. 481 Brush Table <F Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02059---	F Stationary Table ASSY	Index 2-19	1
2	CE02060---	F Stationary Table Base ASSY		1
3	CE02065---	F Stationary Table Frame A ASSY		1
4	CE02025---	F Stationary Table Frame B ASSY		1
5	CE02067---	F Stationary Brush A ASSY		1
6	CE01531--A	F Stationary Brush B ASSY		1
7	WA00151--A	F/B Up (Stationary Table)		10
8	6894867--A	F/B Up (Movable Table)		3
9	CE02076---	F Stationary Table Piping Kit		1
10	CE00653---	Junction Box F ASSY		1
11	CE02075---	Junction Box FC ASSY		1
12	CE01616---	Cable ASSY		1

Unit No. 481 Brush Table <F Stationary Table ASSY>

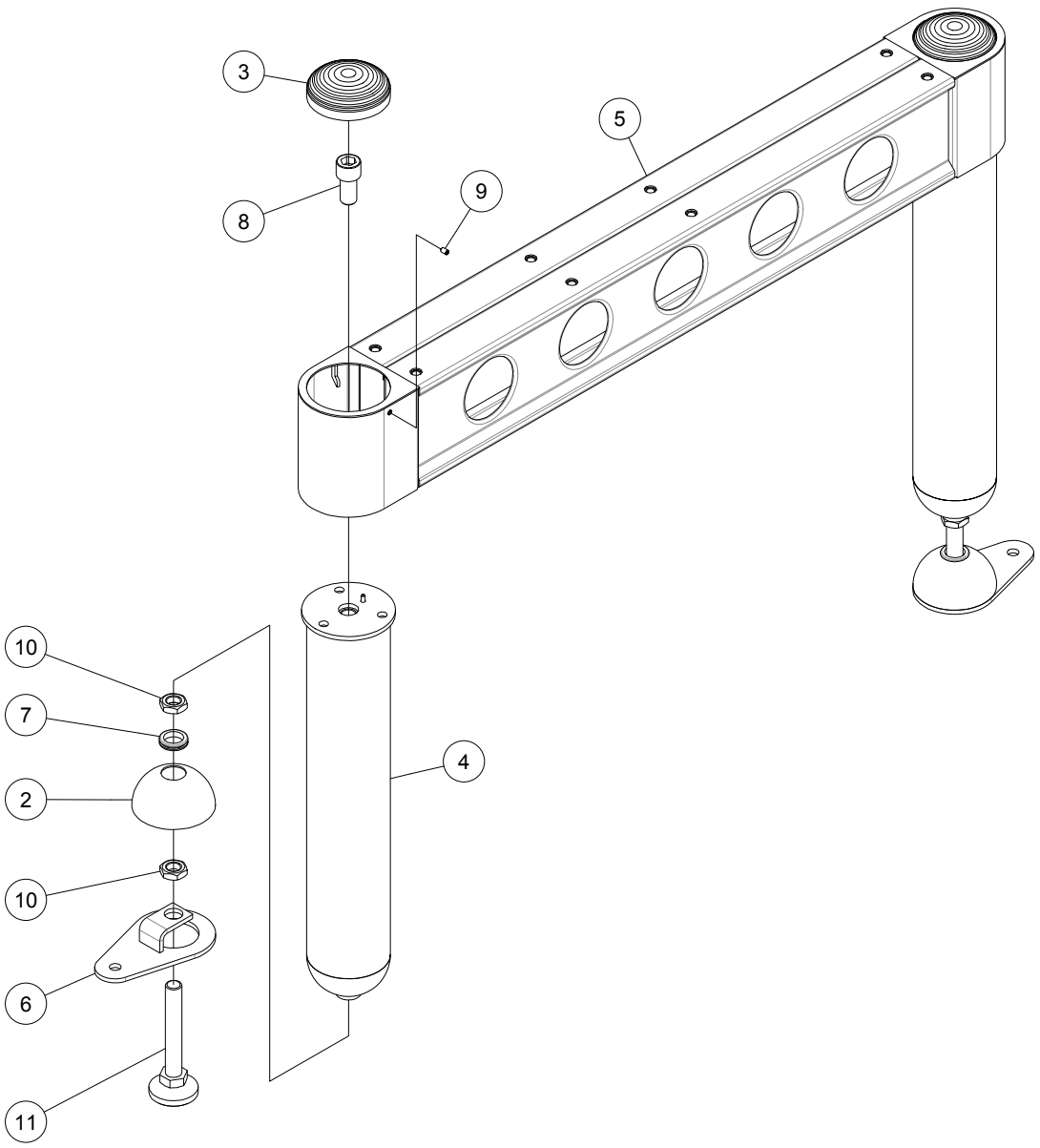
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	6870990 C	X-gauge Block ASSY		1
14	6823658	X-gauge Block Cover ASSY		1
15	6818048---	Electric Pneumatic ASSY		1
16	6533890	Support Plate ASSY		1
17	CE01624---	Scale (F Stationary Table) Kit (mm)		1
18	CE01627---	Scale (F Stationary Table) ASSY (inch)		1
19	CE01979---	Locating Kit		2

< List Only >

CE02060---

Unit No. 482 Brush Table <F Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02060---	F Stationary Table Base ASSY	Index 2-8	1
2	CE02061---	Side Table Support F ASSY		1
3	CE02063---	Side Table Base F ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	2

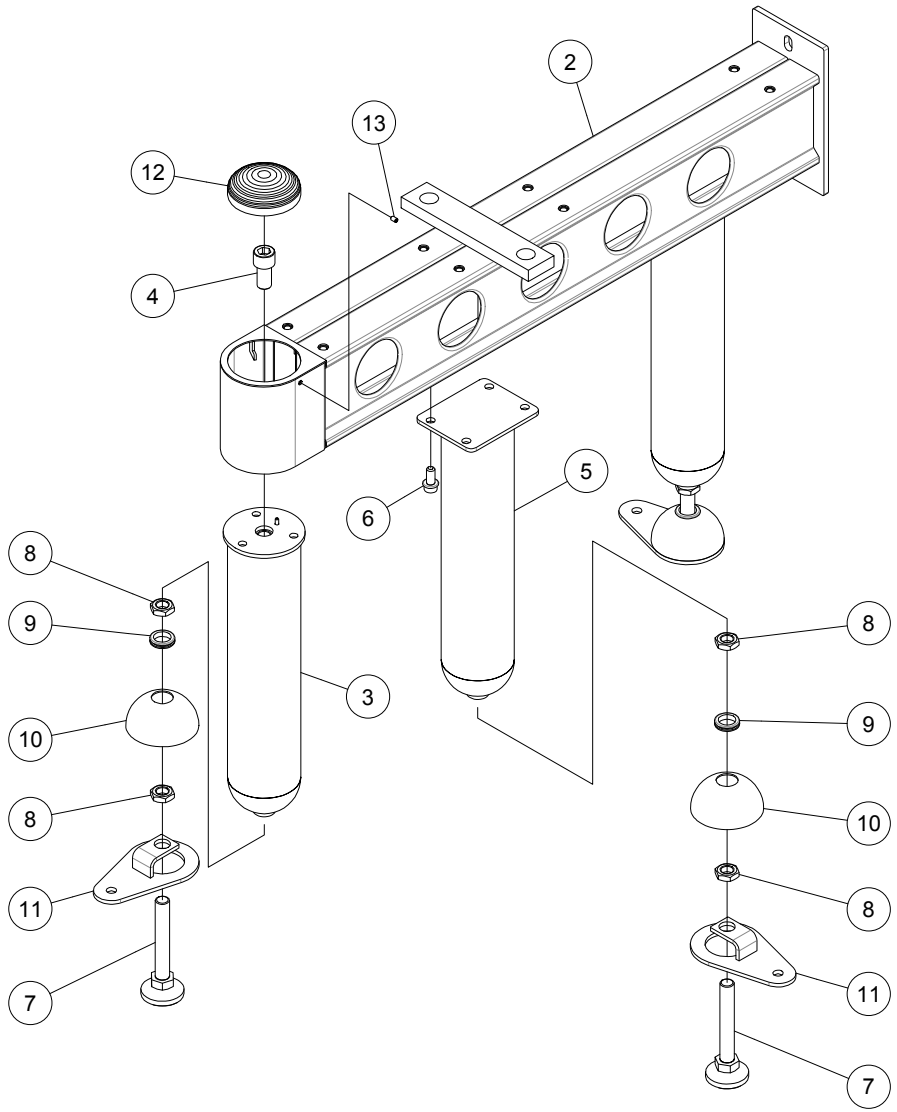


(1) Side Table Support F ASSY

CE02061---
(CE01943---)

Unit No. 483 Brush Table <Side Table Support F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02061---	Side Table Support F ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74419473 6879686	Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
10	74901389 P332000023	Nut JIS	M20(Thin)	4
11	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	2



(1) Side Table Base F ASSY

CE02063---
(CE01941---)

Unit No. 484 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02063---	Side Table Base F ASSY	Index 2-13	2
2	74401975 CE02064---	Side Table Base F		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 484 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	1

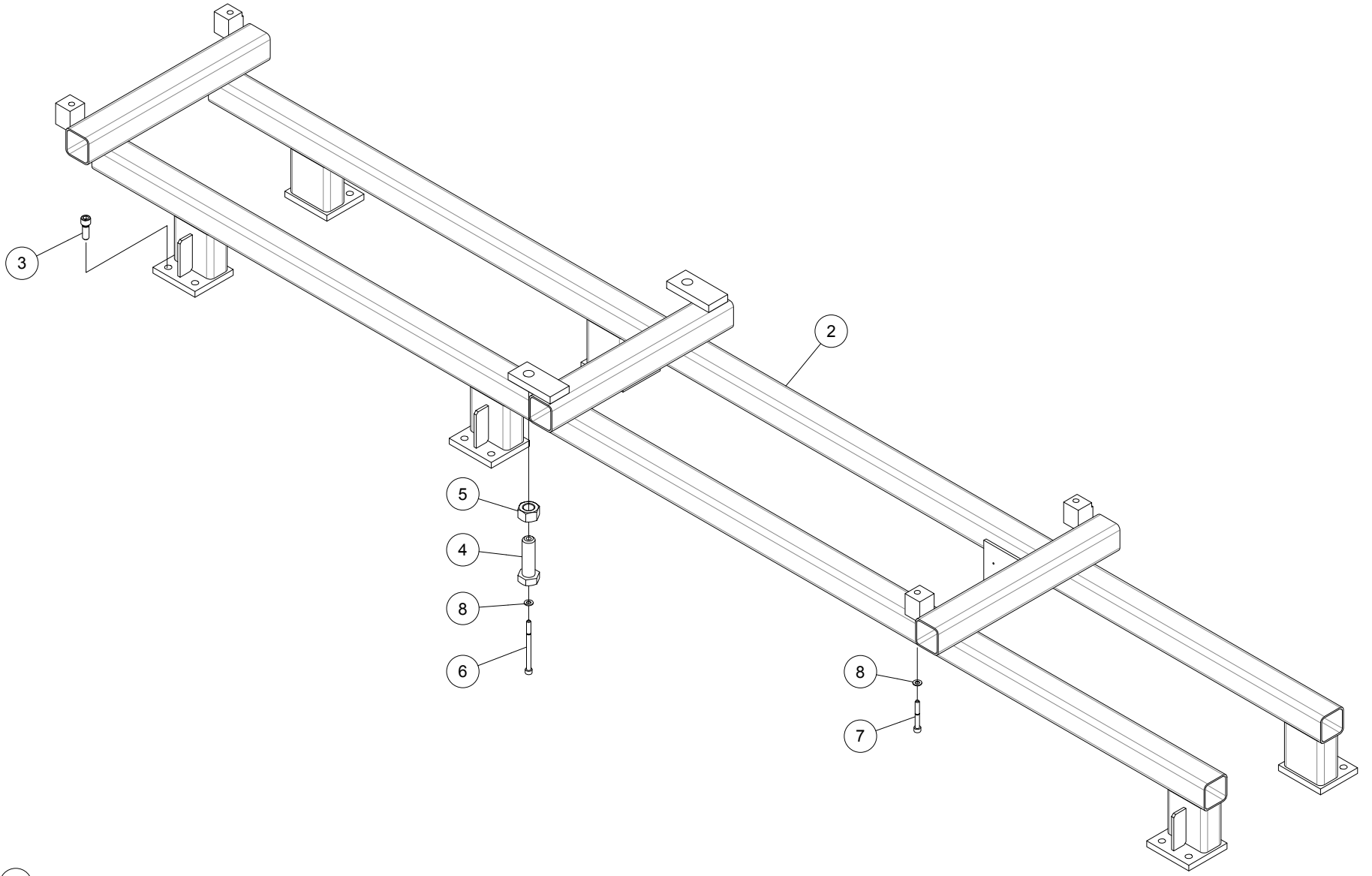
< List Only >

CE02065---

Unit No. 485 Brush Table <F Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02065---	F Stationary Table Frame A ASSY	Index 2-8	1
2	74401977 CE02066---	Side Table Frame F1		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	2
5	74776800 P332000011	Nut JIS	M24	2
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	2
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 P336000006	Washer JIS	8(Normal)	6

Unit No. 486 Brush Table <F Stationary Table Frame B ASSY>



(1) F Stationary Table Frame B ASSY

CE02025---
(CE01882--A)

Unit No. 486 Brush Table <F Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02025---	F Stationary Table Frame B ASSY	Index 2-8	1
2	74401978 CE02026---	Side Table Frame F2		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	3
5	74776800 P332000011	Nut JIS	M24	3
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	3
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 P336000006	Washer JIS	8(Normal)	9

< List Only >

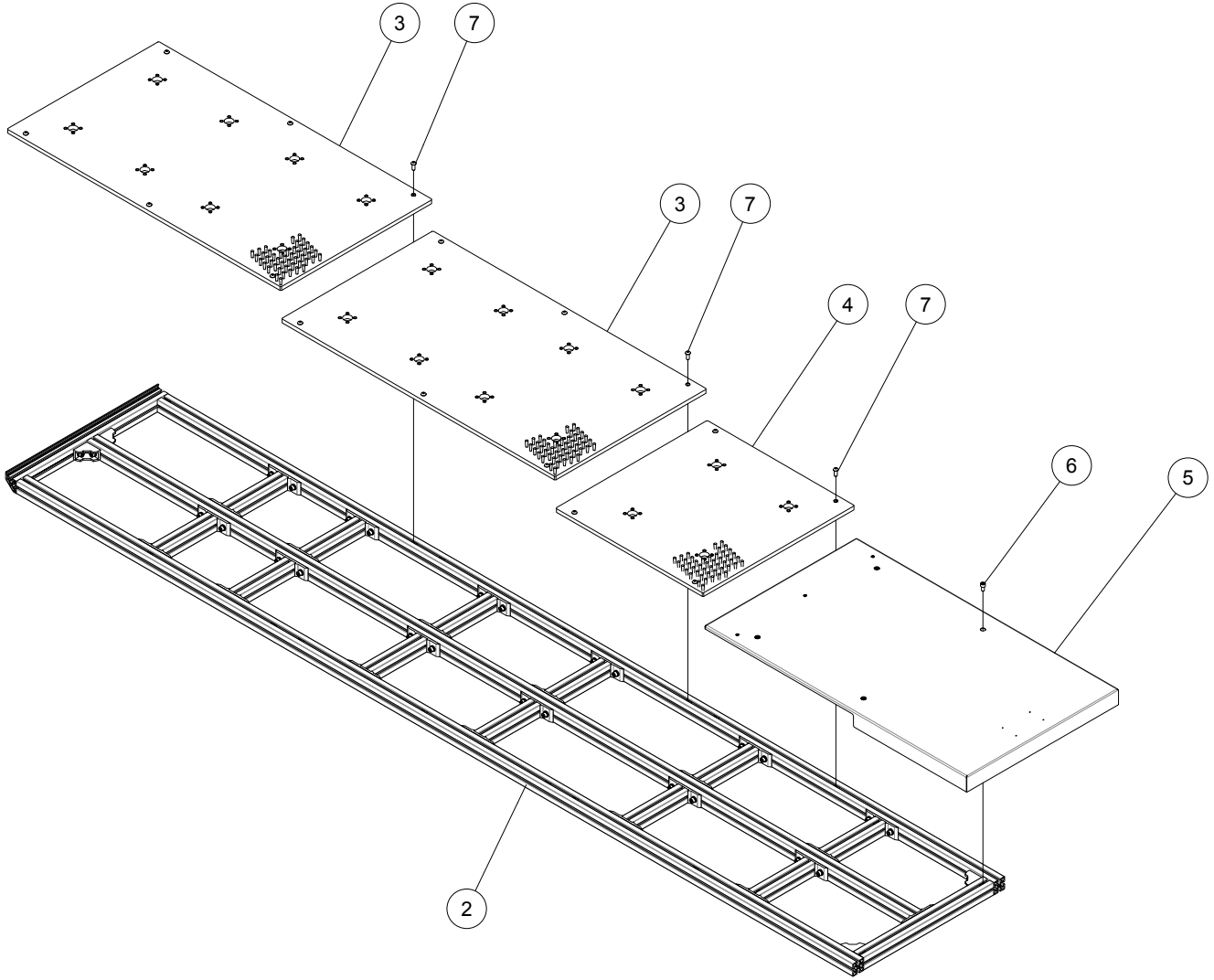
CE02067---

Unit No. 487 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02067---	F Stationary Brush A ASSY	Index 2-13	1
2	74401979 7831430---	Stationary Table (F) A NIC		1
3	74401980 CE02068---	MDF Brush K-5		1
4	74401981 CE02069---	MDF Brush K-6		1
5	74401982 CE02070---	MDF Brush K-11		1
6	74401983 CE02071---	Cover Table F-1		1
7	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
8	74183316 P334500020	Button Head Screw	M8X20	16
9	74453518 6894885	MDF Brush Guard		2
10	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
11	74159714 P336000005	Washer JIS	6(Normal)	4
12	74178737 P336050005	Spring Washer JIS	6	4

Unit No. 487 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795	Nut	M6	4
	P332000004	JIS		

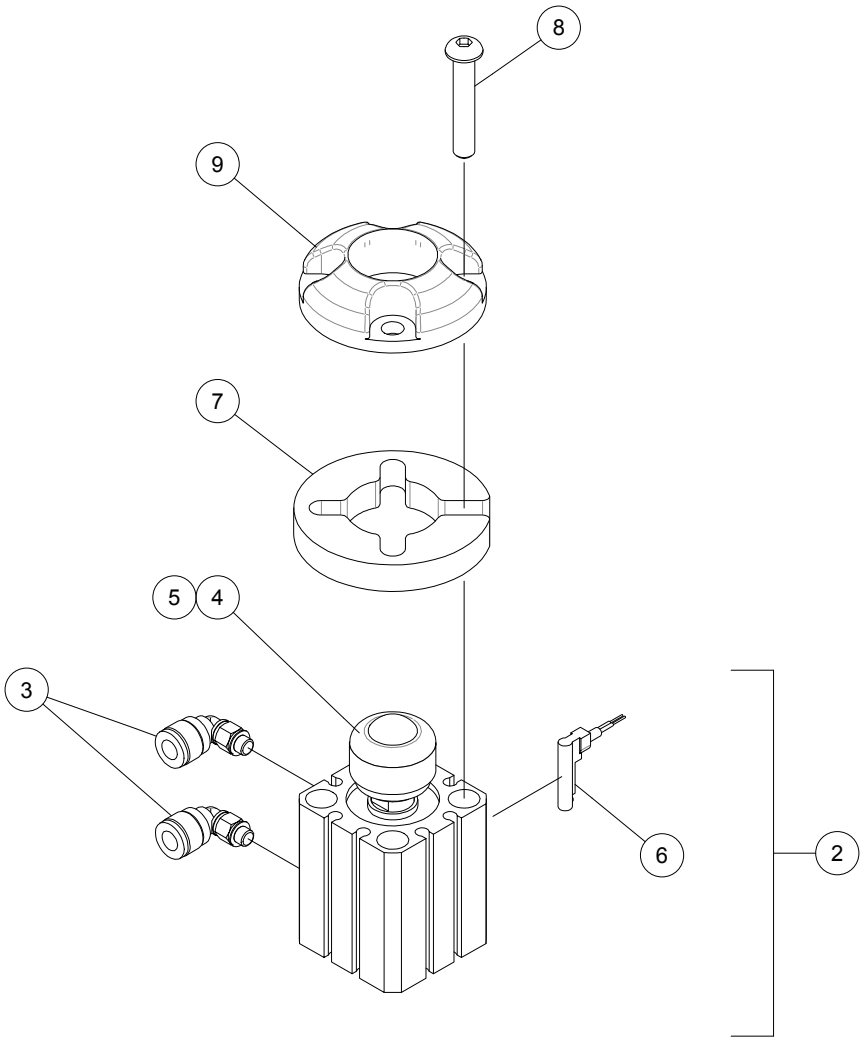


(1) F Stationary Brush B ASSY

CE01531--A

Unit No. 488 Brush Table <F Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01531--A	F Stationary Brush B ASSY	Index 2-7	1
2	74401984 7831421---	Stationary Table (F) B NIC		1
3	74401985 CE01532---	MDF Brush K-12		2
4	74401986 CE01533---	MDF Brush K-13		1
5	74401987 CE02072---	Cover Table F-2		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	16

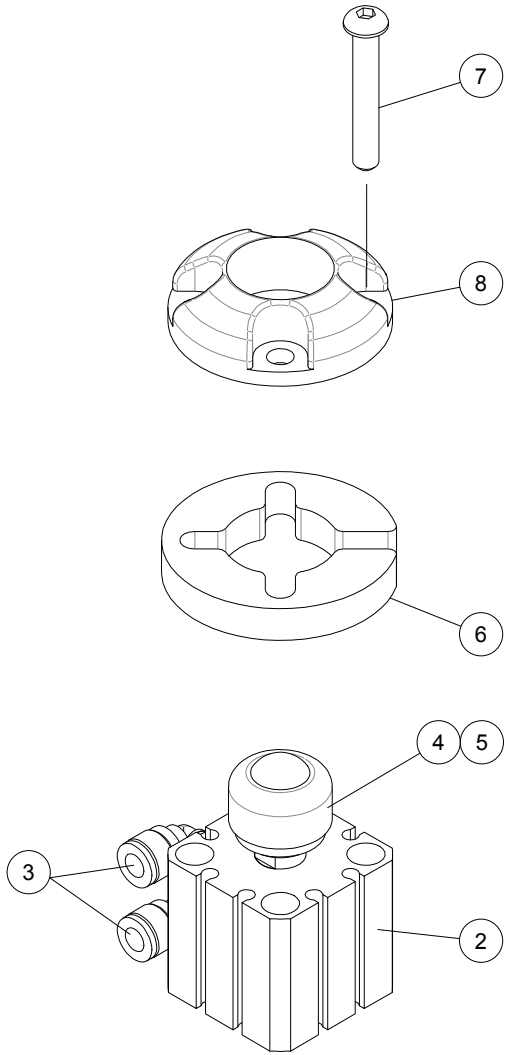


(1) F/B Up (Stationary Table)

WA00151--A

Unit No. 489 Brush Table <F/B Up(Stationary Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00151--A	F/B Up (Stationary Table)	Index 2-9	25
2	74613455 / 7831720--A	Cylinder / SMC	CDQSB25-15-DCN070EN / with Index 3-6	1
3	74613235 / P586563125	One Touch Fitting / SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 / SPT0023---	PLANEVEYOR / ATEC	PV20B-AM4	1
5	74613246 / S420120---	Washer / SMC	M8 (1.6t)	1
6	74901413 / P829008096	Auto Switch / SMC	D-A90VL	1
7	74417294 / 6875692	Cylinder Collar		1
8	74387325 / P334500059	Button Head Screw / JIS	M6X35	4
9	74453517 / 6894886	Free Bearing Guide		1

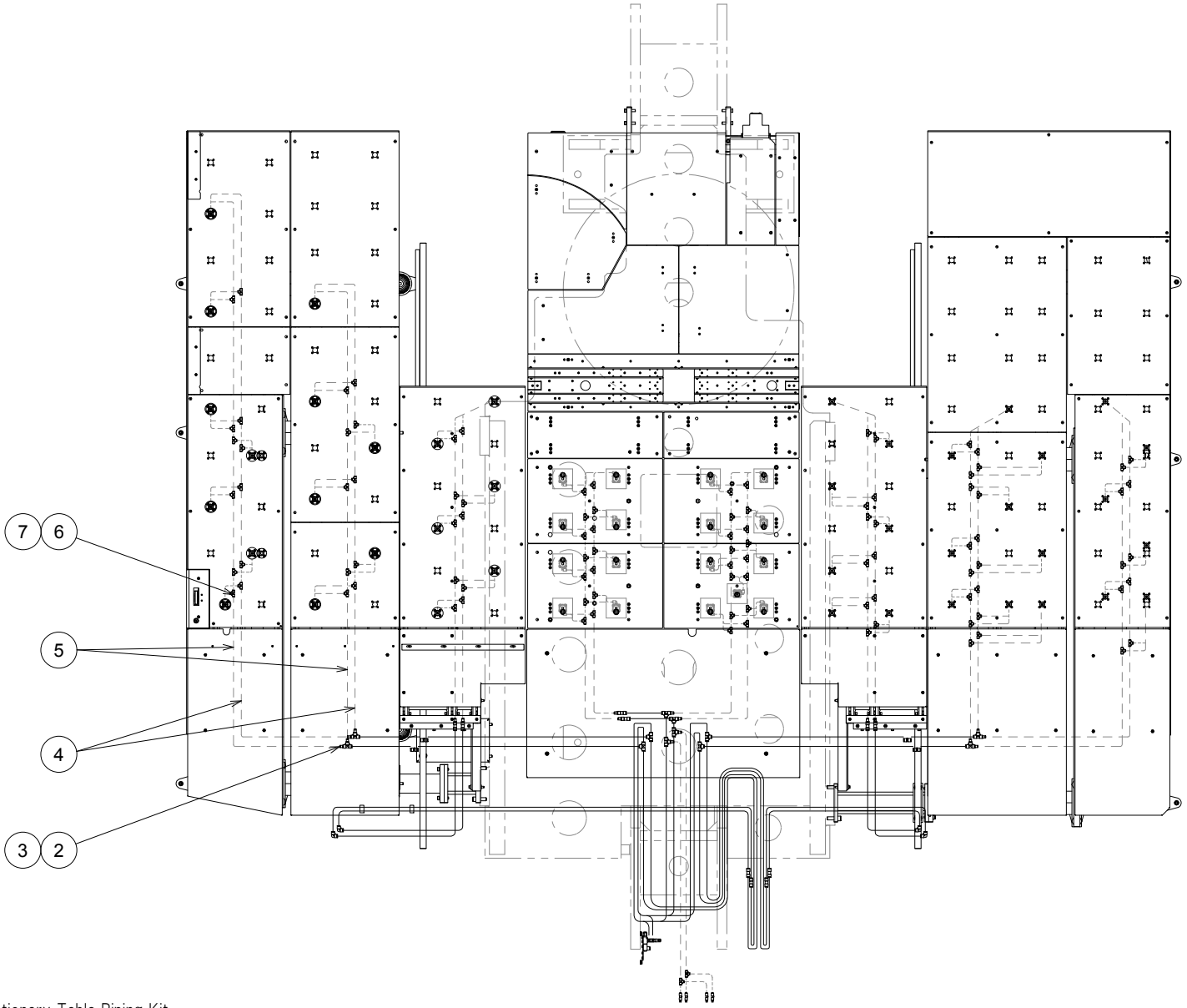


(1) F/B Up (Movable Table)

6894867--A

Unit No. 490 Brush Table <F/B Up(Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6894867--A	F/B Up (Movable Table)	Index 2-8	7
2	74613745 7831680--A	Cylinder SMC	CQSB25-15 with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	24
4	74613749 SPT0023---	PLANEVEYOR ATEC	PV20B-AM4	12
5	74613246 S420120---	Washer SMC	M8 (1.6t)	12
6	74417294 6875692	Cylinder Collar		1
7	74776829 P334500037	Button Head Screw JIS	M6X40	4
8	74453517 6894886	Free Bearing Guide		1

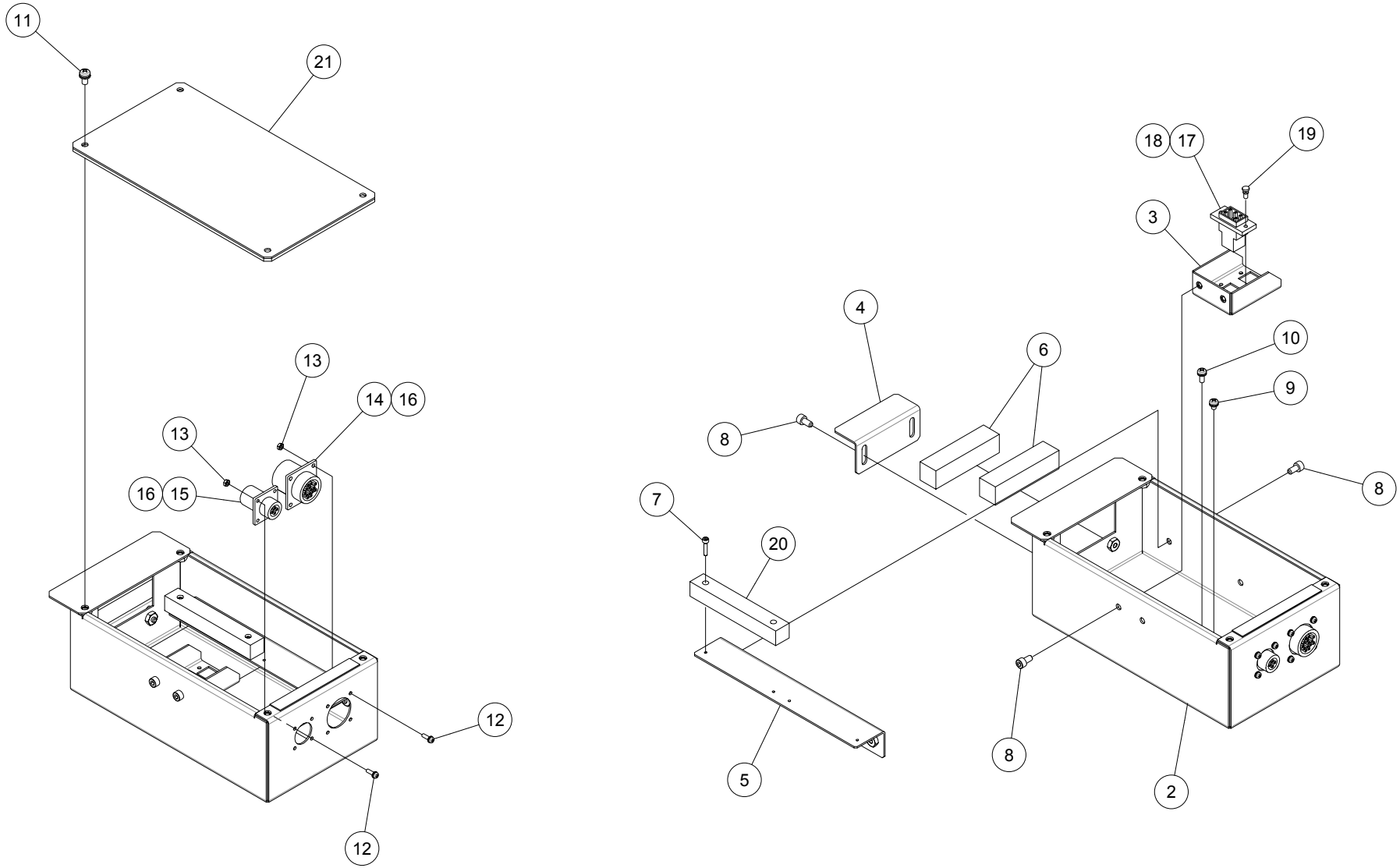


(1) F Stationary Table Piping Kit

CE02076---
(CE02077---)

Unit No. 491 Brush Table <Stationary Front Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02076---	F Stationary Table Piping Kit	Index 2-7	1
2	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
3	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	4
4	74569815 P230222104	Plastic Hose NITTA MOORE	U2-4-6X4(Blue)-10M	2
5	74569814 P230222105	Plastic Hose NITTA MOORE	U2-4-6X4(Red)-10M	2
6	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	22
7	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	15



(1) Junction Box F ASSY

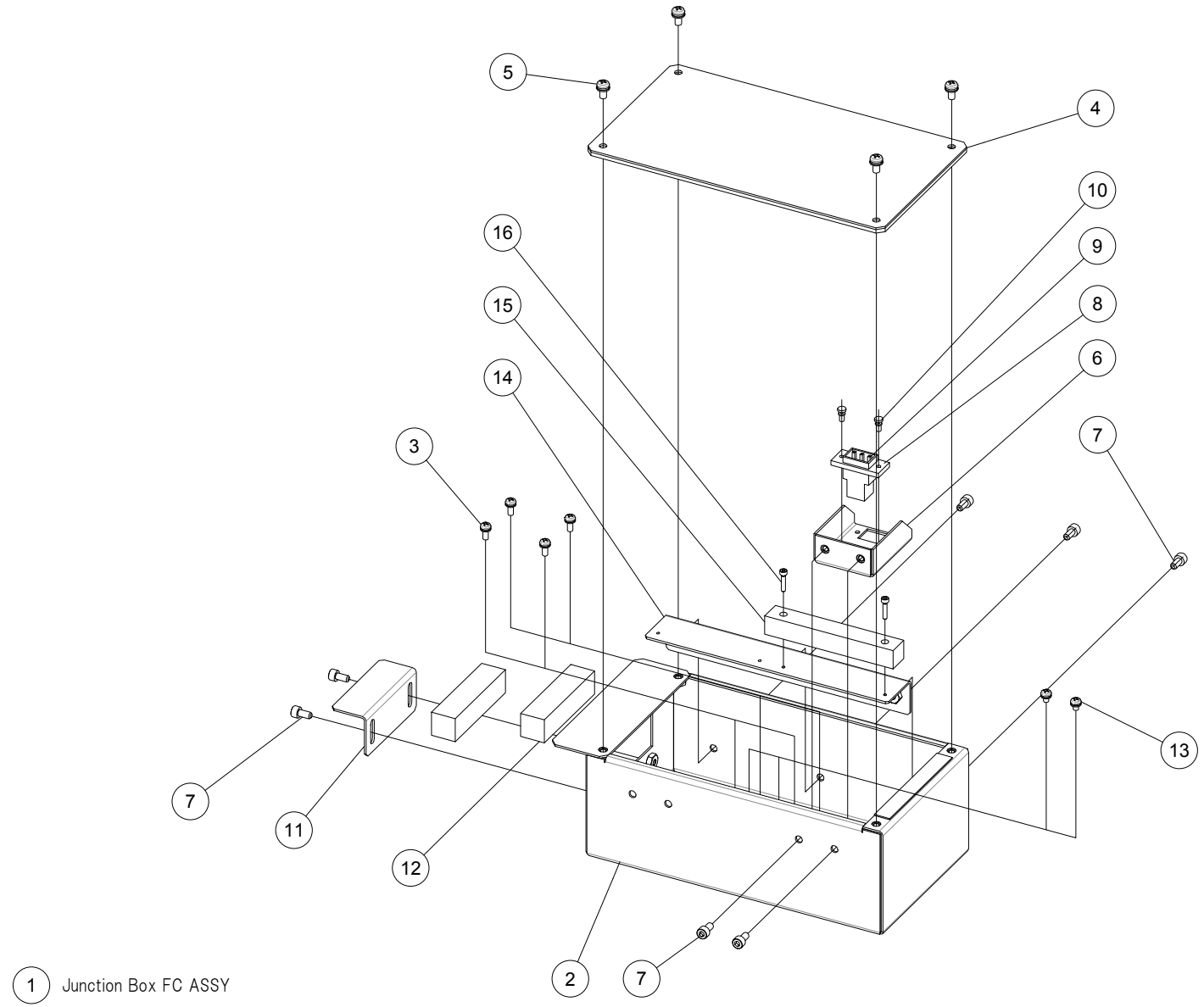
CE00653---

Unit No. 492 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00653---	Junction Box F ASSY	Index 2-21	1
2	74400389 CE00830---	Junction Box F		1
3	74901476 MA01117---	Housing Plate FC		1
4	74901477 MA01118---	Cable Clamp FC		1
5	74901478 MA01119---	Bracket		1
6	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
8	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
9	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3
10	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
11	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
12	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	8

Unit No. 492 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183201 / P332000001	Nut / JIS	M3	8
14	74521705 / P862032003	Plastic Round Connector / AMP	206036-1	1
15	74565182 / P862032012	Plastic Round Connector / AMP	206061-1	1
16	74450170 / P862142082	Plug Type Terminal / AMP	66099-3	18
17	74386501 / P862042068	Rectangle Connector / AMP	178803-3	1
18	74489980 / P862142029	Plug Type Terminal / AMP	175289-2	5
19	74386505 / P862182002	Accessory for Connector / AMP	900128-2 (Push Rivet)	2
20	74569809 / P864008047	Block Terminal / WEIDMULLER	MK4/16KRG	1
21	74901661 / WA00219---	Junction Box Cover /	/	1



(1) Junction Box FC ASSY

CE02075---

Unit No. 493 Brush Table <Junction Box FC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02075---	Junction Box FC ASSY	Index 2-16	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74901476 MA01117---	Housing Plate FC		1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
8	74386501 P862042068	Rectangle Connector AMP	178803-3	1
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	3
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
11	74901477 MA01118---	Cable Clamp FC		1
12	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2

Unit No. 493 Brush Table <Junction Box FC ASSY>

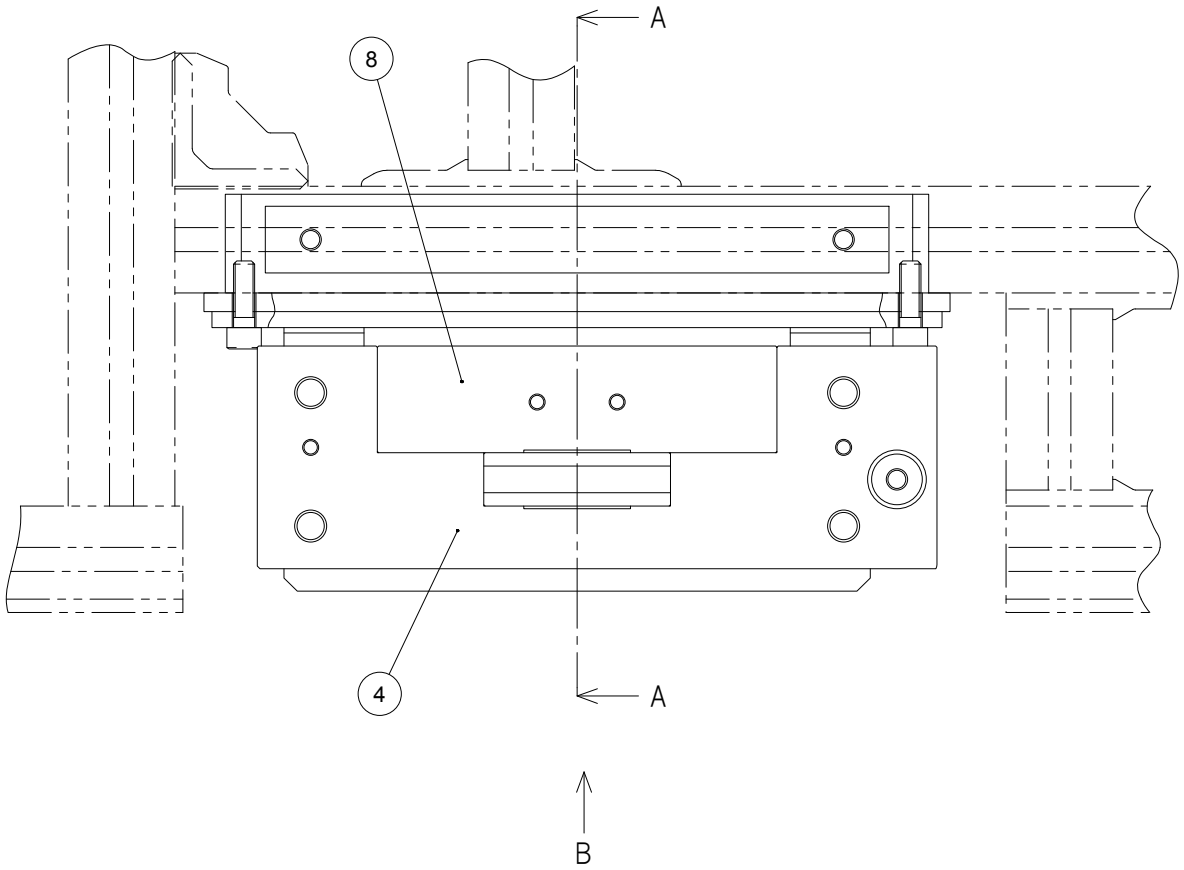
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	2
14	74901478 MA01119---	Bracket		1
15	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
16	74319101 P330200006	Hex Socket Cap Screw	M3X15	2

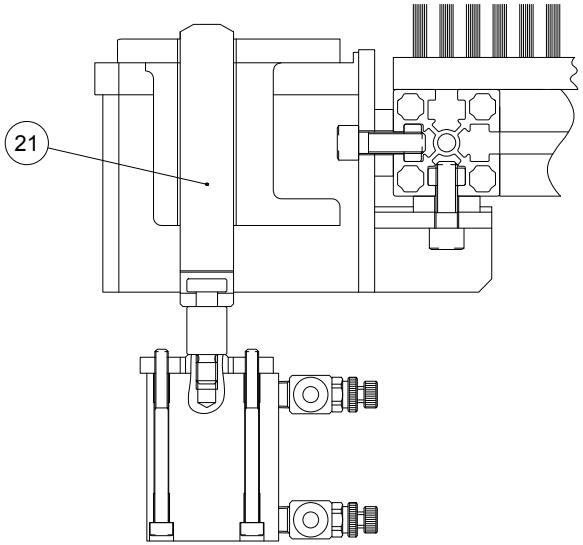
< List Only >

CE01616---

Unit No. 494 Brush Table <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01616---	Cable ASSY	Index 2	1
2	74400390 / CE00831---	Cable CH-1		1



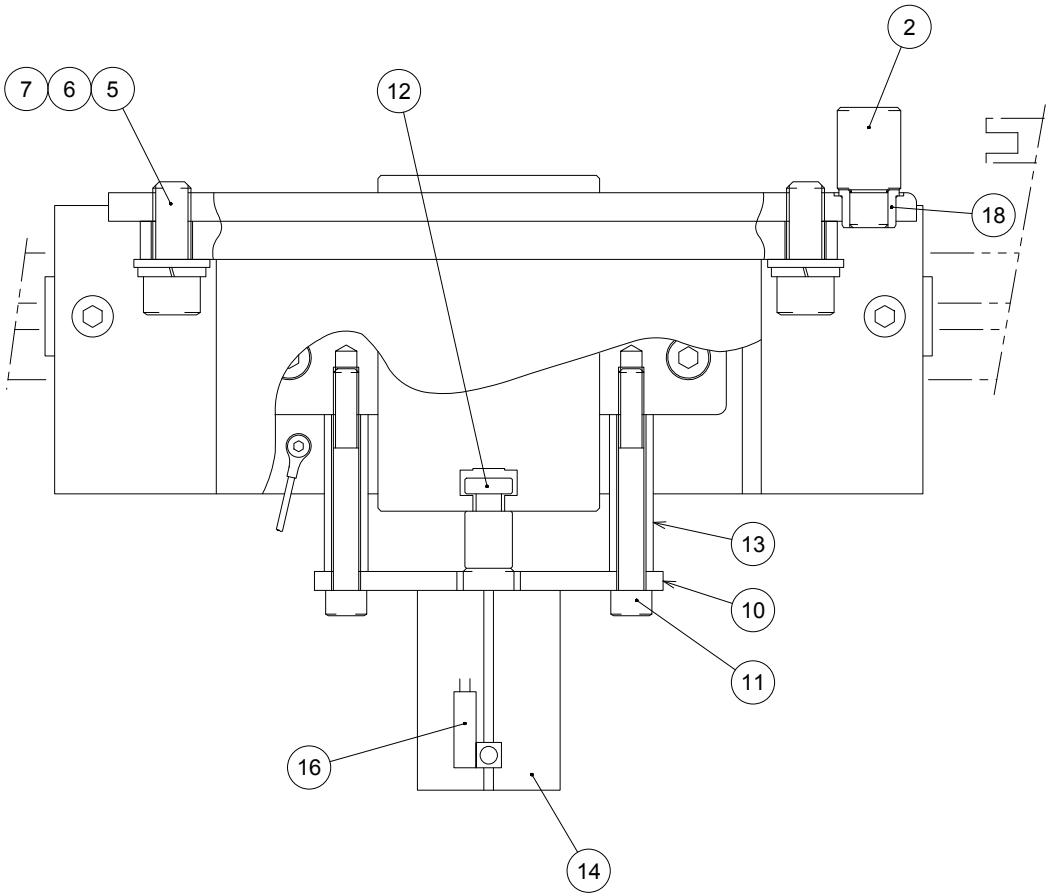


SECTION A-A

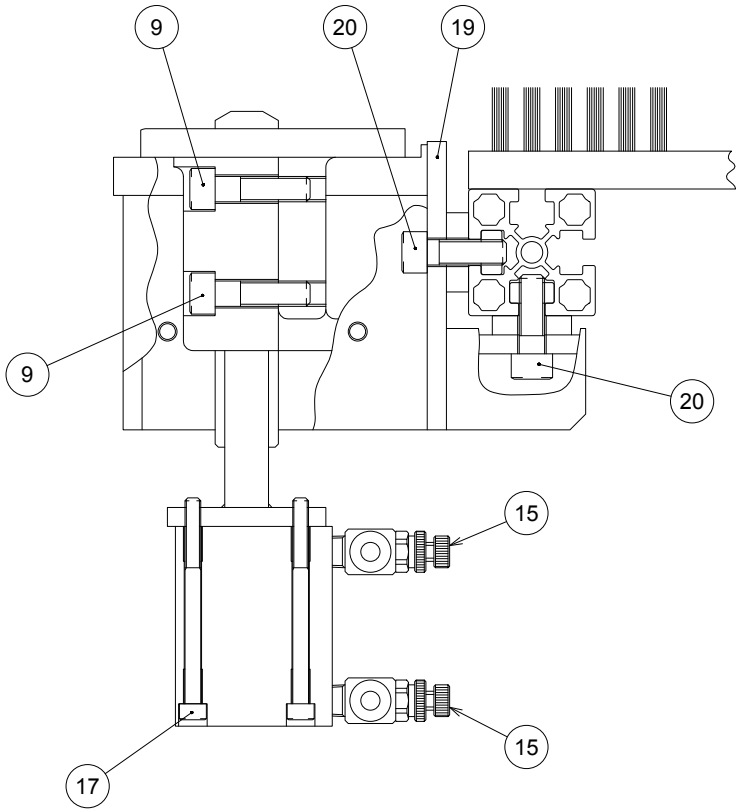
(1) X-gauge Block ASSY

(3) Pneumatic X-gauge Block ASSY

6870990 C



VIEW B



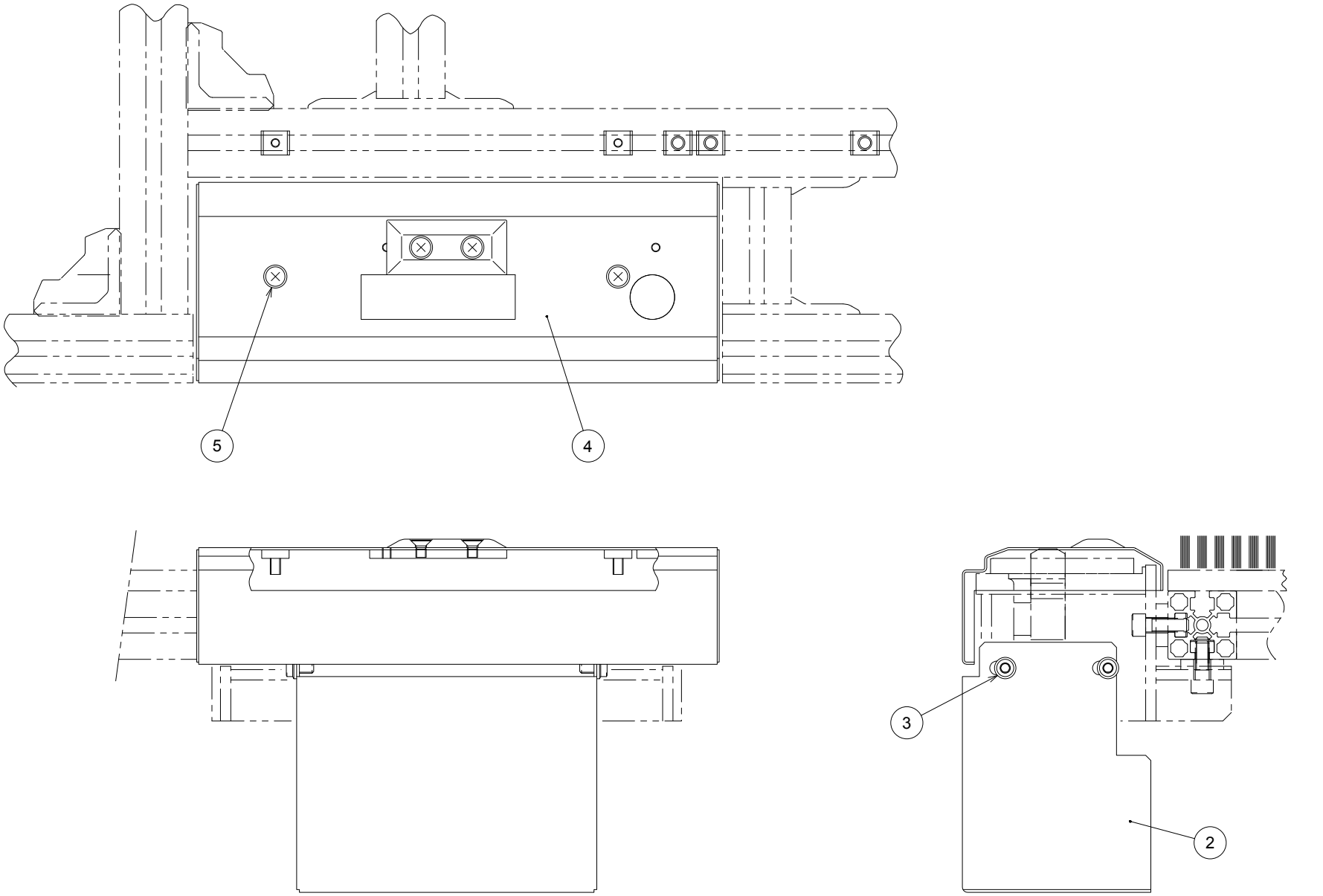
6870990 C

Unit No. 495 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6870990 C	X-gauge Block ASSY	Index 2-21	1
2	74389510 / 6572979 B	Stopper Pin		1
3	6870992	Pneumatic X-gauge Block ASSY	Index 4-21	1
4	74382322 / 6572986 E	Locating Pin Guide A		1
5	74183656 / P330250005	Hex Socket Cap Screw	M12X30	4
6	74183104 / P336050008	Spring Washer / JIS	12	4
7	74183031 / P336000008	Washer / JIS	12(Normal)	4
8	74382103 / 6572978 B	Locating Pin Guide		1
9	74183624 / P330230008	Hex Socket Cap Screw	M8X30	4
10	74722137 / 6533802	Cylinder Guide B		1
11	74183632 / P330230016	Hex Socket Cap Screw	M8X70	2
12	74382319 / 6533803 A	Locating Pin Collar		1

Unit No. 495 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74382007 6533807	Cylinder Guide A		2
14	74415497 7832807 A	Cylinder SMC	CDQ2B32D-W0501-30 with Index 1516	1
15	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	2
16	74901621 S40000543-	Auto Switch SMC	D-A73HL	1
17	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	4
18	74387377 6578599 B	Stopper Pin Bushing		1
19	74578845 6597285 B	Locating Pin Bracket		1
20	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
21	74382318 6533801	Stopper		1



1 X-gauge Block Cover ASSY

6823658

Unit No. 496 Brush Table <Cover>

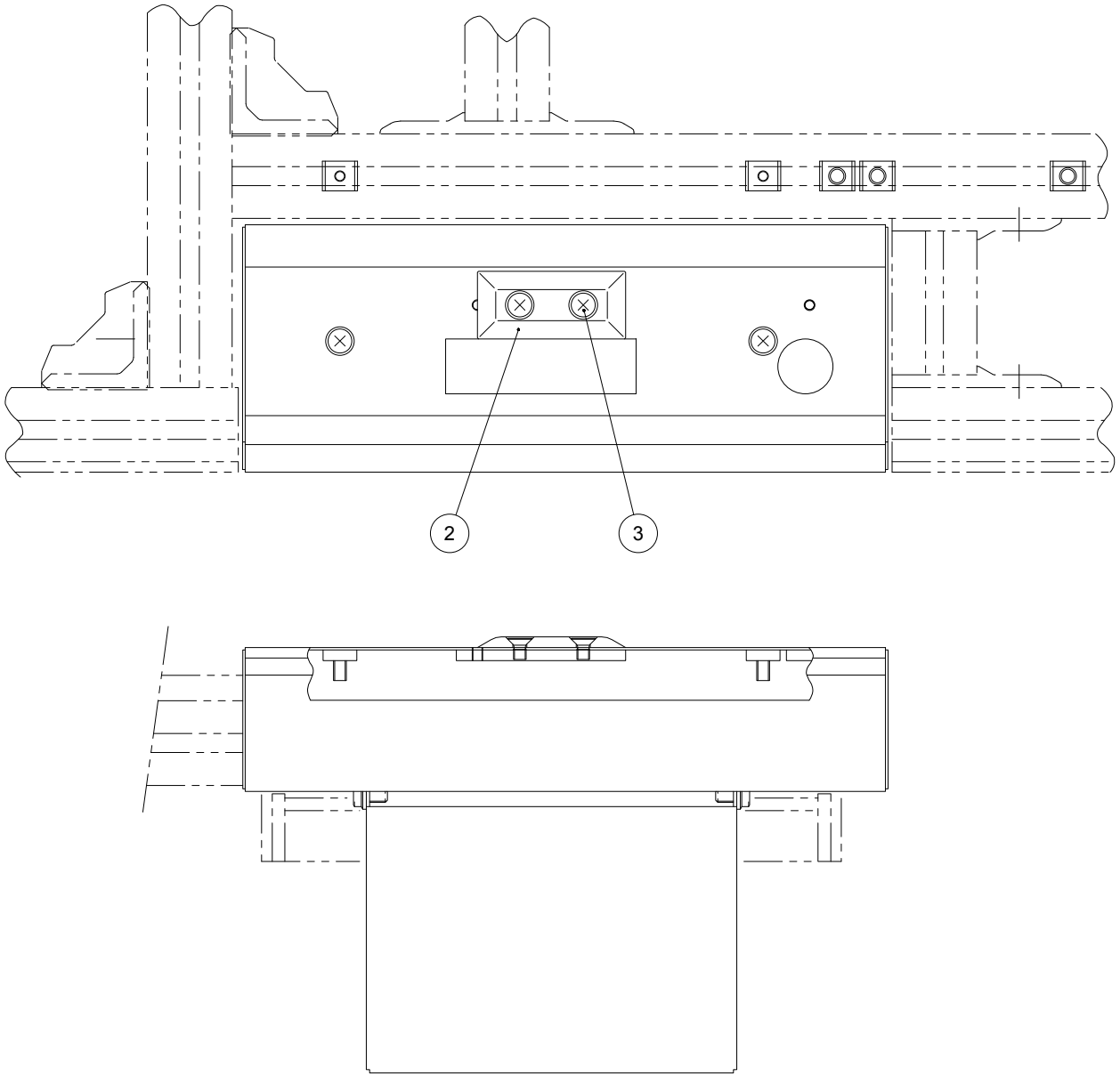
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		X-gauge Block Cover ASSY		1
	6823658		Index 2-5	
2	74575629	Side Cover		1
	6813196 A			
3	74776775	Flange Socket Bolt	M6X10	4
	P330468015	NISSAN NEJI		
4	74571329	X-gauge Block Cover A		1
	6823659			
5	74305021	Flat Head Bolt	M6X15	2
	P334520001	NISSAN NEJI		

< List Only >

6818048---

Unit No. 497 Brush Table <Electric Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Electric Pneumatic ASSY		1
	6818048---		Index 2-10	
2	74401253	X-gauge Block Solenoid	VQZ3121-5YZ-02-F-X52	1
	7832809	SMC	Index 3-6	
3	74368207	Silencer	AN103-01	1
	P557032003	SMC		
4	74569148	One Touch Fitting	KQ2L06-02S	1
	P586623032	SMC		
5	74453537	One Touch Fitting	KQ2S10-02S	1
	P586533066	SMC		
6	74901409	Pilot Solenoid Valve	VQZ3121-5YZ-02-F	1
	P556002712	SMC		
7	74413041	Hex Socket Cap Screw	M4X8	2
	P330200014			
8	74569814	Plastic Hose	U2-4-6X4(Red)-2M	1
	P230222101	NITTA MOORE		
9	74569815	Plastic Hose	U2-4-6X4(Blue)-2M	1
	P230222102	NITTA MOORE		
10	74575280	Cable Y-12 (1)		1
	6827575			

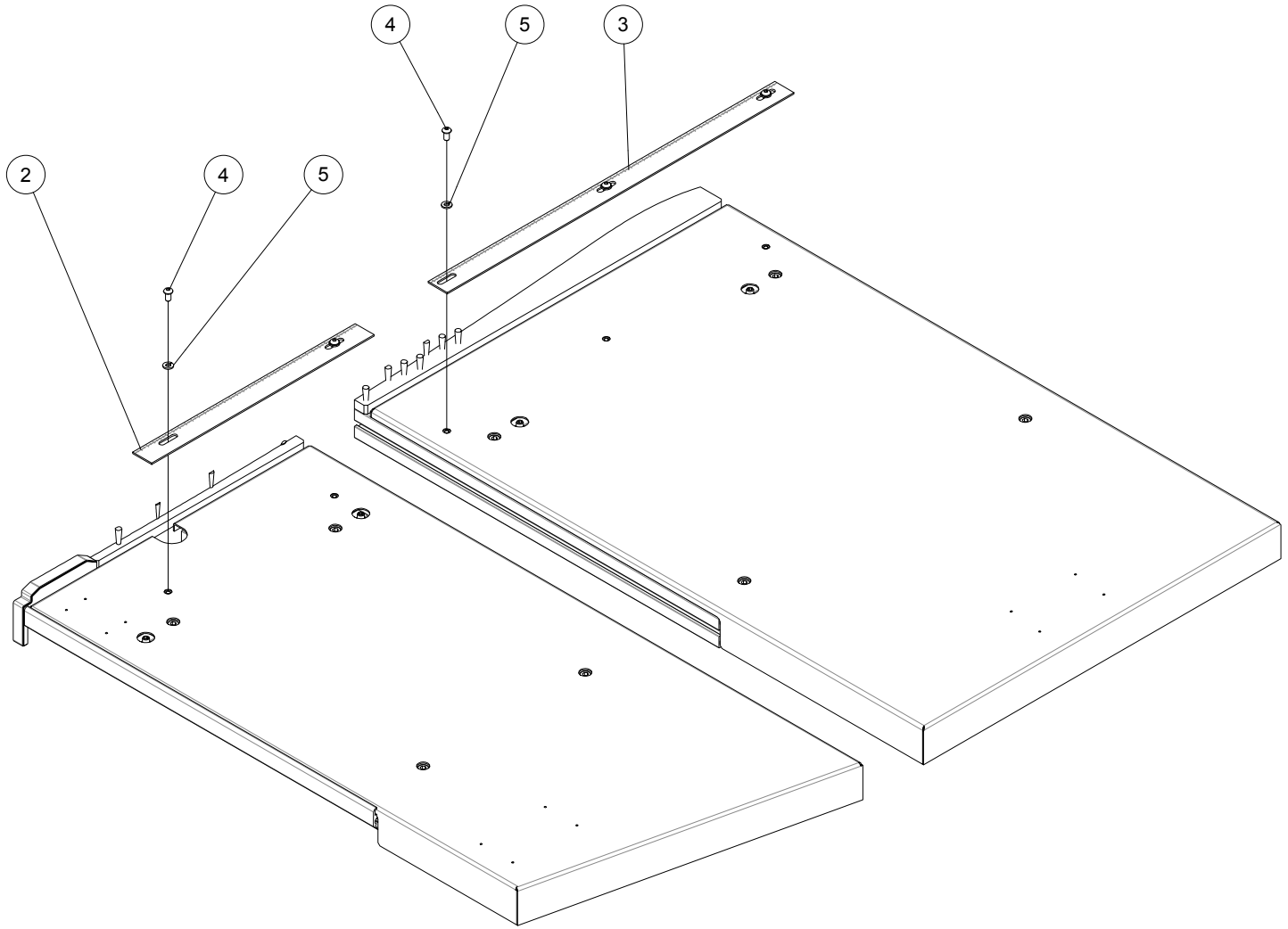


(1) Support Plate ASSY

6533890
(6823658)

Unit No. 498 Brush Table <Support Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Support Plate ASSY		1
	6533890		Index 23	
2	74305715	Support Plate		1
	0819402 A			
3	74355104	Flat Head Bolt	M6X20	2
	P334520014	NISSAN NEJI		

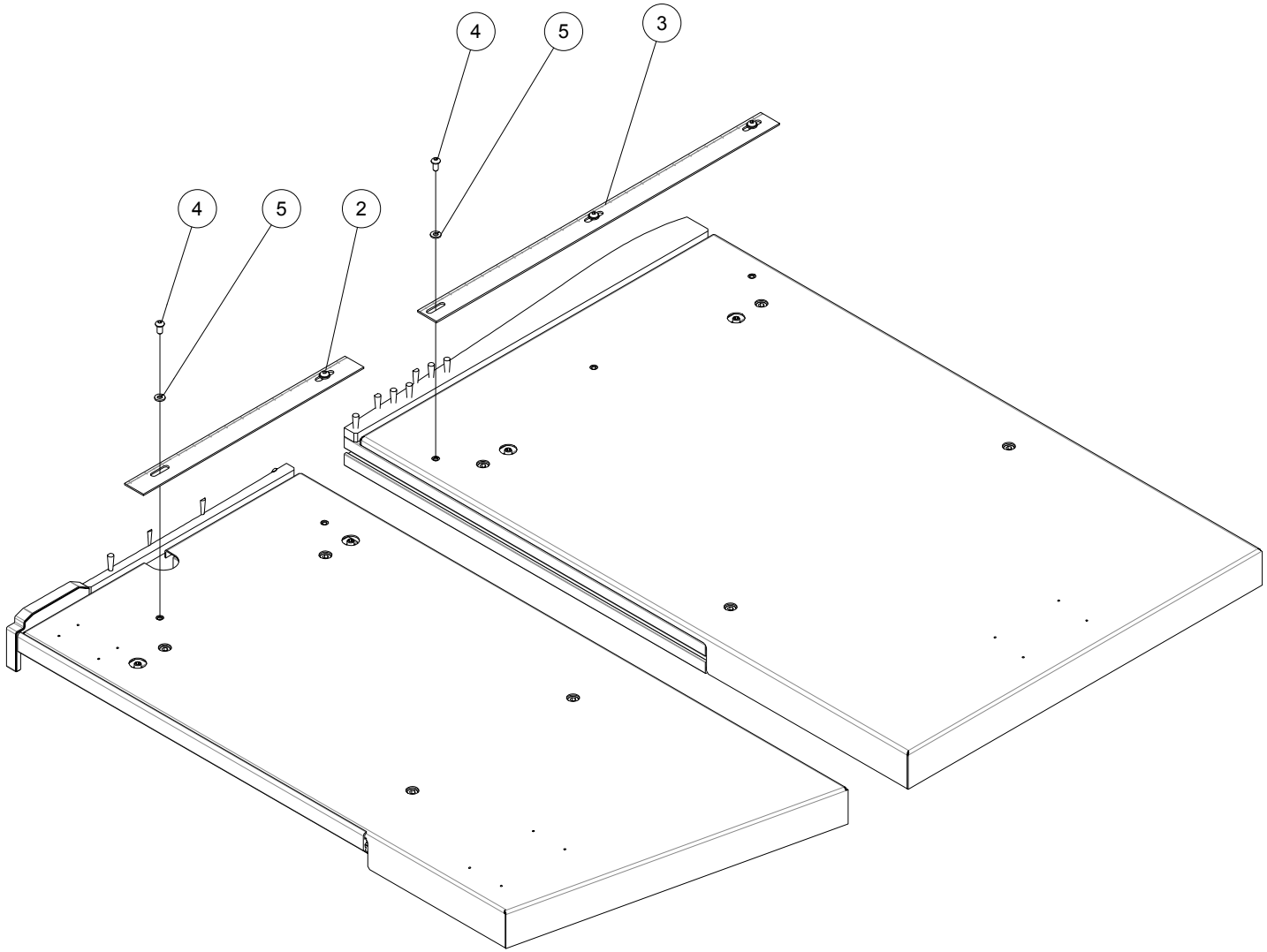


(1) Scale (F Stationary Table) Kit (mm)

CE01624---

Unit No. 499 Brush Table <Scale (F Stationary Table) Kit (mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01624---	Scale (F Stationary Table) Kit (mm)	Index 2-5	1
2	74401988 / CE01625---	Scale A (mm)		1
3	74401989 / CE01626---	Scale B (mm)		1
4	74183309 / P334500014	Button Head Screw / JIS	M6X12	5
5	74178737 / P336050005	Spring Washer / JIS	6	5

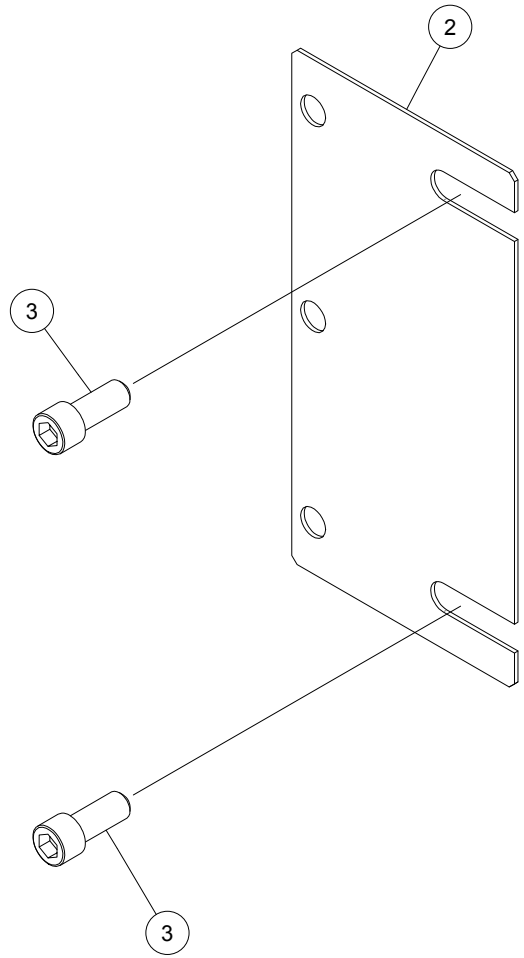


(1) Scale (F Stationary Table) ASSY (inch)

CE01627---

Unit No. 500 Brush Table <Scale (F Stationary Table) ASSY (inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01627---	Scale (F Stationary Table) ASSY (inch)	Index 2-5	1
2	74401990 CE01628---	Scale A (inch)		1
3	74401991 CE01629---	Scale B (inch)		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	5
5	74178737 P336050005	Spring Washer JIS	6	5

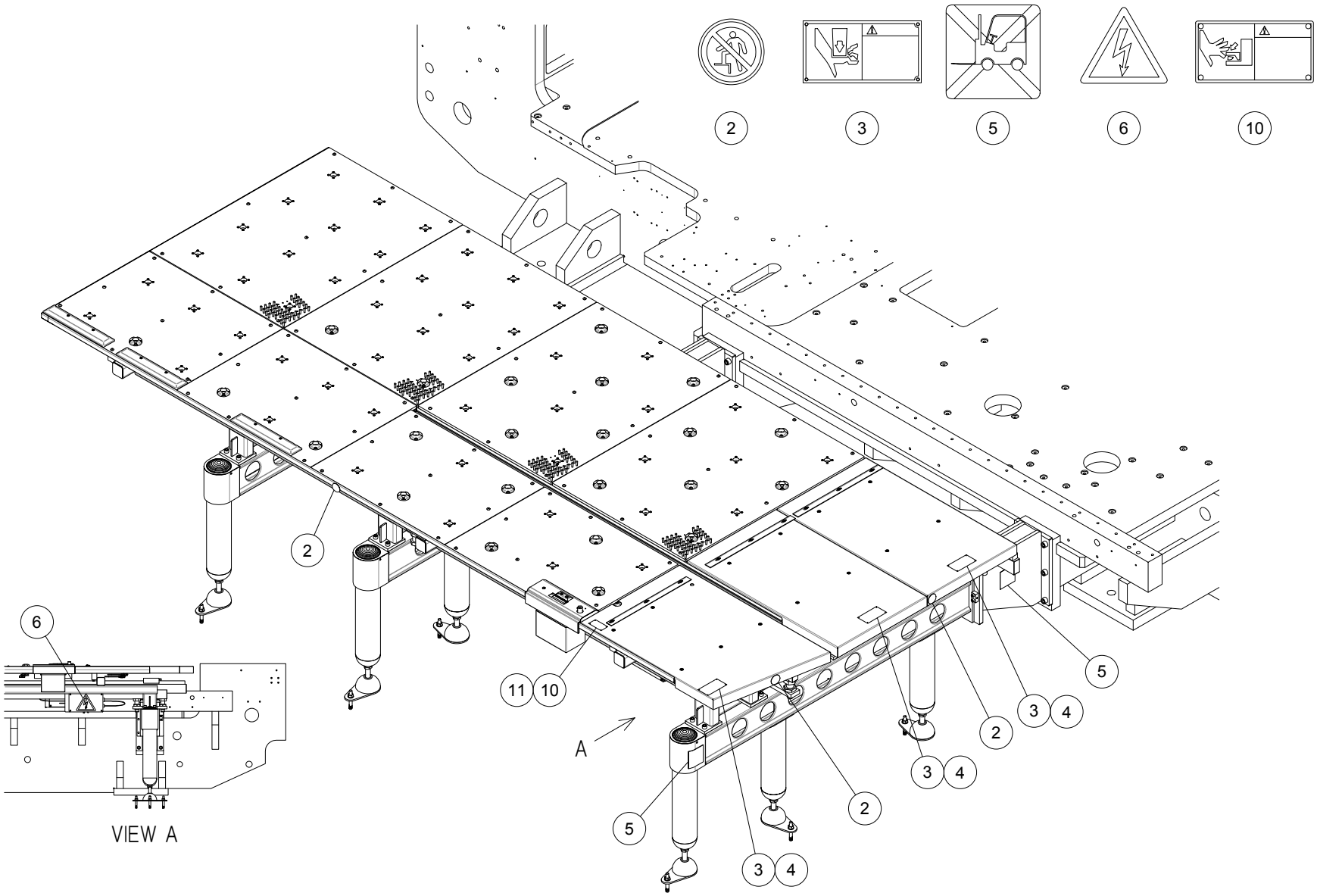


(1) Locating Kit

CE01979---

Unit No. 501 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 / CE01899---	Shim		1
3	74183656 / P330250005	Hex Socket Cap Screw	M12X30	2



(1) F Stationary Table Name Plate Kit E

CE01985---

Unit No. 502 Brush Table <F Stationary Table Name Plate Kit E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01985---	F Stationary Table Name Plate Kit E	Index 2-11	1
2	74902622 MA04190---	Warning Plate		5
3	74776543 6045924	Warning Plate 3		3
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	12
5	74419480 3809322	Caution Plate		4
6	74379098 P360200003	Charging Mark JIS	JISB6015-80H	2
7	74901536 MA02938---	Stationary Table Sticker 1 Export	List Only	1
8	74901537 MA02939---	Stationary Table Sticker 2 Export	List Only	1
9	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6
10	74613009 1665004	Caution Plate E		1
11	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4

< List Only >

CE02058---

Unit No. 503 Brush Table <F Stationary Table M C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02058---	F Stationary Table M C	Index 23	1
2	CE02059---	F Stationary Table ASSY		1
3	CE01986---	F Stationary Table Name Plate Kit C		1

< List Only >

CE02059---

Unit No. 504 Brush Table <F Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02059---	F Stationary Table ASSY	Index 2-19	1
2	CE02060---	F Stationary Table Base ASSY		1
3	CE02065---	F Stationary Table Frame A ASSY		1
4	CE02025---	F Stationary Table Frame B ASSY		1
5	CE02067---	F Stationary Brush A ASSY		1
6	CE01531--A	F Stationary Brush B ASSY		1
7	WA00151--A	F/B Up (Stationary Table)		10
8	6894867--A	F/B Up (Movable Table)		3
9	CE02076---	F Stationary Table Piping Kit		1
10	CE00653---	Junction Box F ASSY		1
11	CE02075---	Junction Box FC ASSY		1
12	CE01616---	Cable ASSY		1

Unit No. 504 Brush Table <F Stationary Table ASSY>

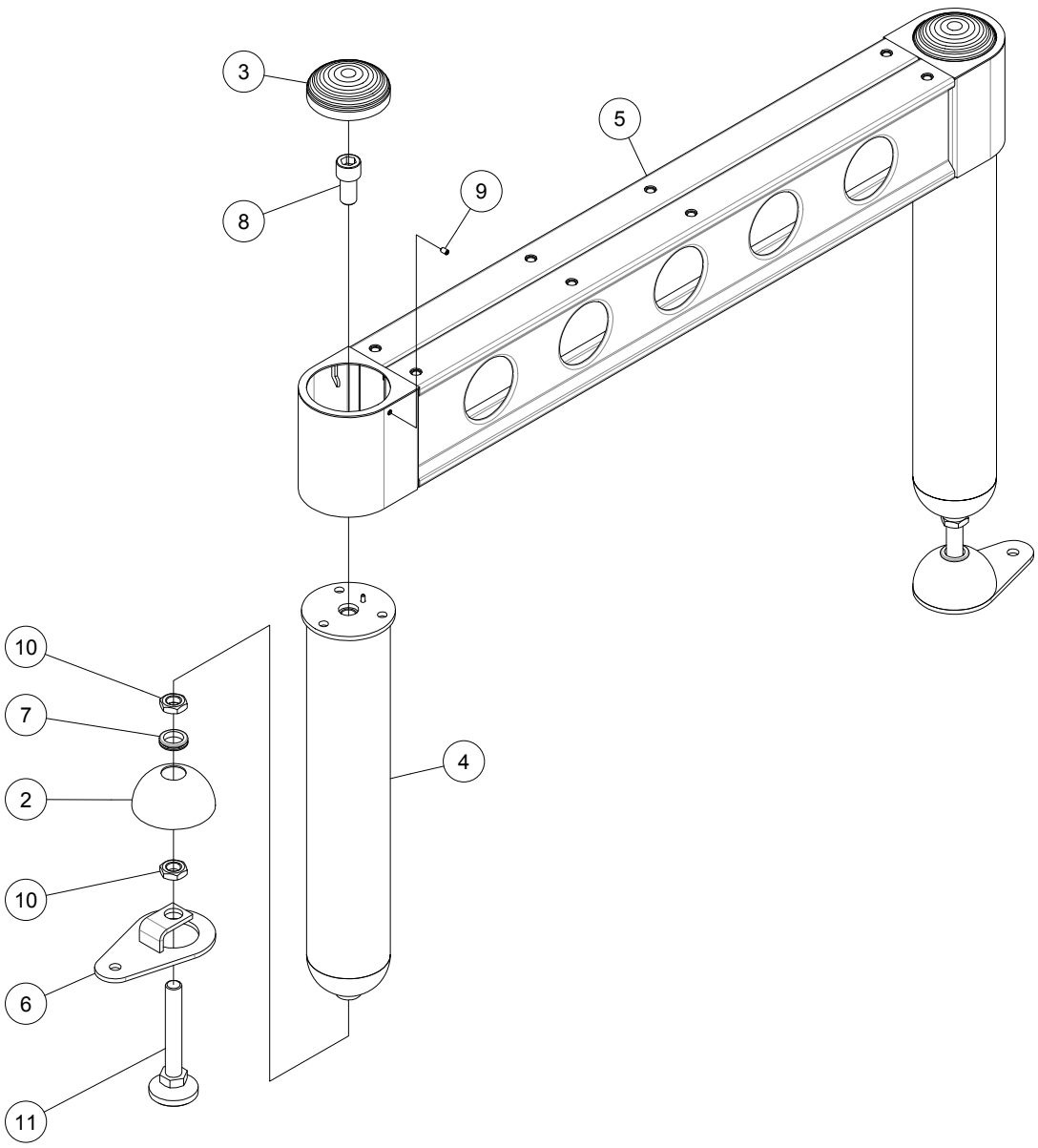
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	6870990 C	X-gauge Block ASSY		1
14	6823658	X-gauge Block Cover ASSY		1
15	6818048---	Electric Pneumatic ASSY		1
16	6533890	Support Plate ASSY		1
17	CE01624---	Scale (F Stationary Table) Kit (mm)		1
18	CE01627---	Scale (F Stationary Table) ASSY (inch)		1
19	CE01979---	Locating Kit		2

< List Only >

CE02060---

Unit No. 505 Brush Table <F Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02060---	F Stationary Table Base ASSY	Index 2-8	1
2	CE02061---	Side Table Support F ASSY		1
3	CE02063---	Side Table Base F ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	2

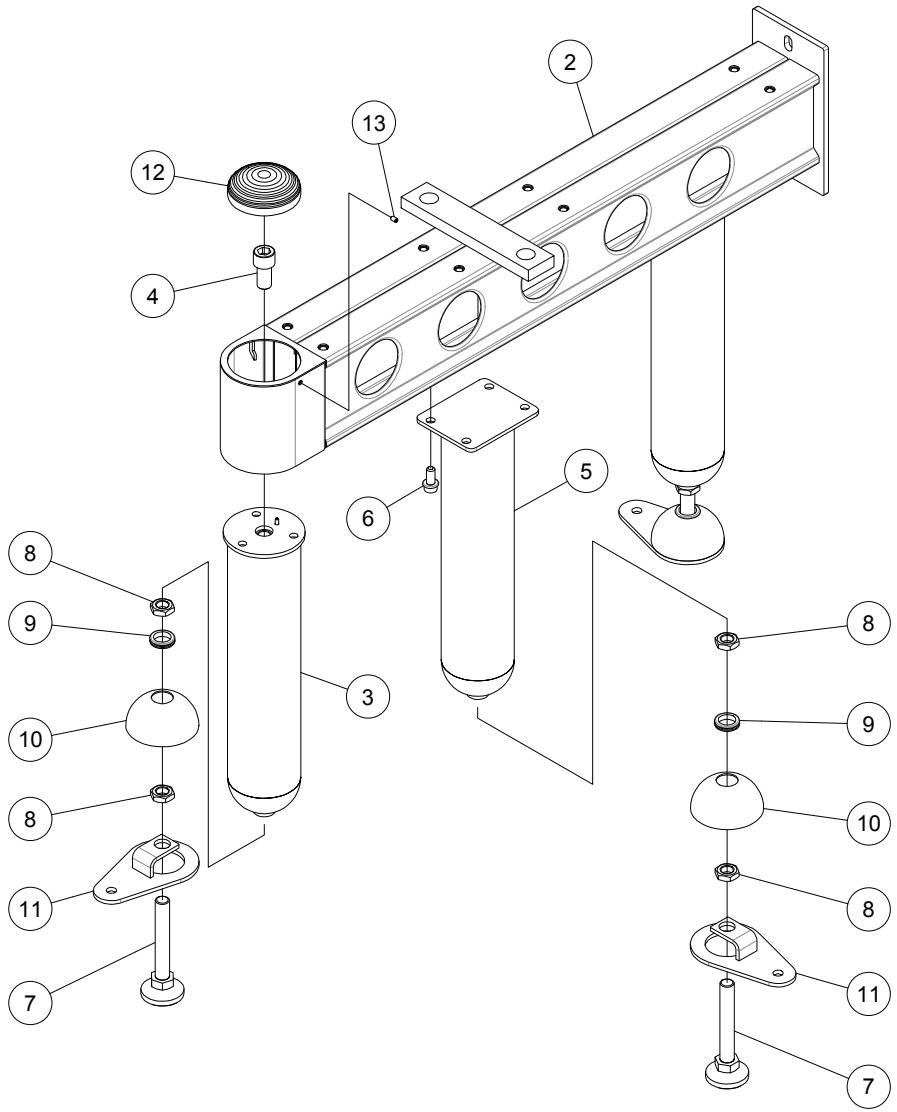


(1) Side Table Support F ASSY

CE02061---
(CE01943---)

Unit No. 506 Brush Table <Side Table Support F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02061---	Side Table Support F ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74419473 6879686	Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
10	74901389 P332000023	Nut JIS	M20(Thin)	4
11	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	2



(1) Side Table Base F ASSY

CE02063---
(CE01941---)

Unit No. 507 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02063---	Side Table Base F ASSY	Index 2-13	2
2	74401975 CE02064---	Side Table Base F		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 507 Brush Table <Side Table Base F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

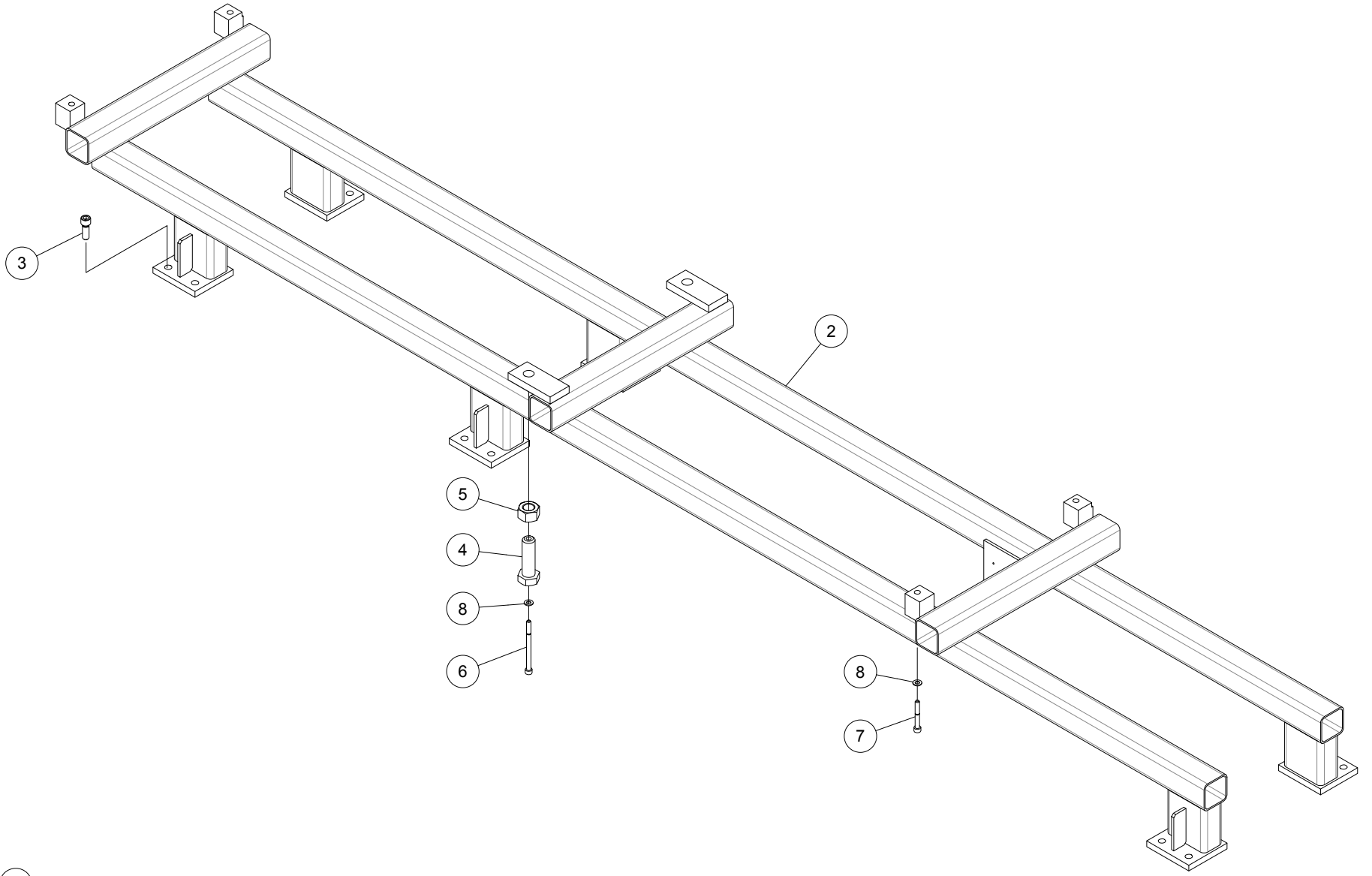
< List Only >

CE02065---

Unit No. 508 Brush Table <F Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02065---	F Stationary Table Frame A ASSY	Index 2-8	1
2	74401977 CE02066---	Side Table Frame F1		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	2
5	74776800 P332000011	Nut JIS	M24	2
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	2
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 P336000006	Washer JIS	8(Normal)	6

Unit No. 509 Brush Table <F Stationary Table Frame B ASSY>



(1) F Stationary Table Frame B ASSY

CE02025---
(CE01882--A)

Unit No. 509 Brush Table <F Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02025---	F Stationary Table Frame B ASSY	Index 2-8	1
2	74401978 / CE02026---	Side Table Frame F2		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	3
5	74776800 / P332000011	Nut / JIS	M24	3
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	3
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 / P336000006	Washer / JIS	8(Normal)	9

< List Only >

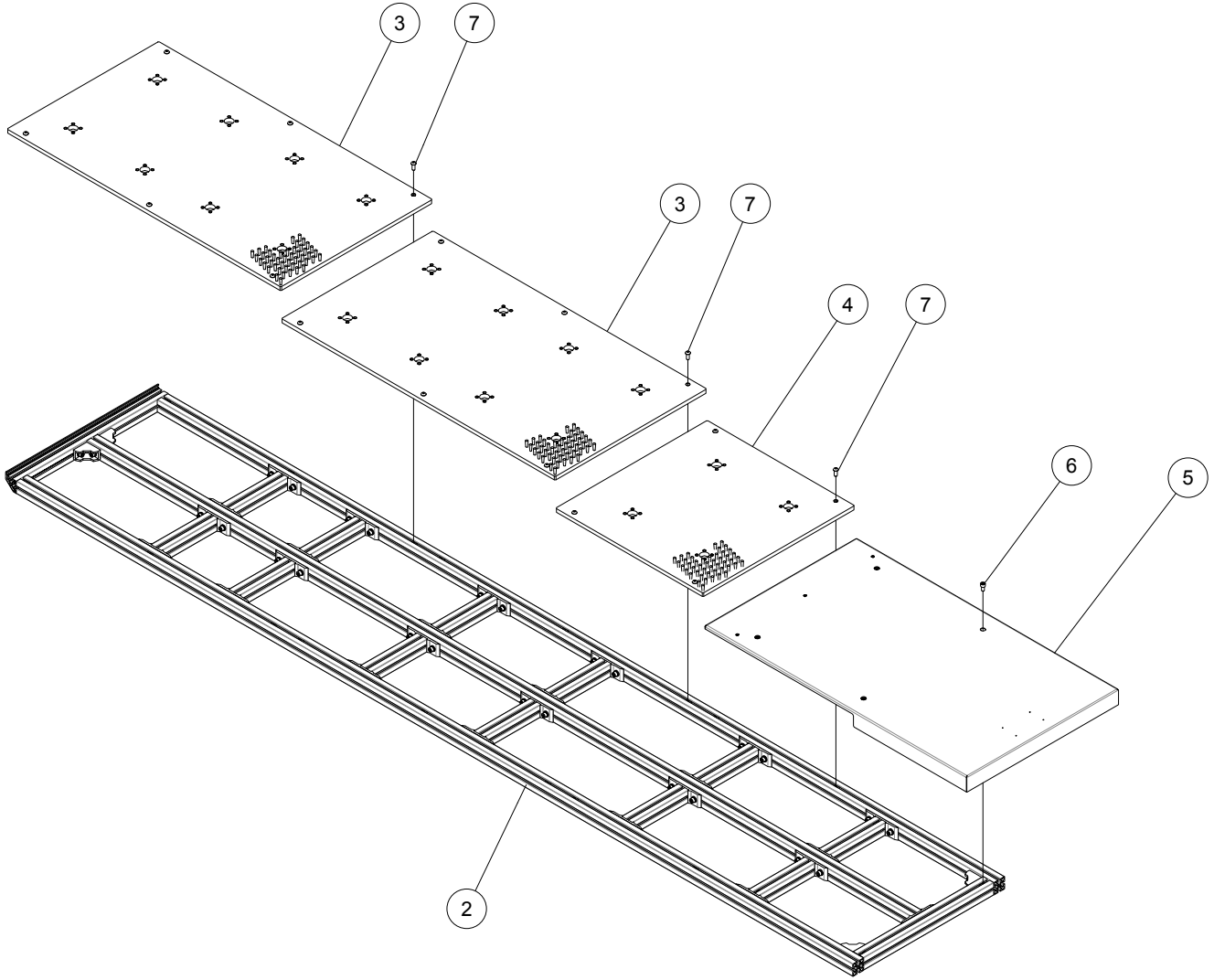
CE02067---

Unit No. 510 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02067---	F Stationary Brush A ASSY	Index 2-13	1
2	74401979 7831430---	Stationary Table (F) A NIC		1
3	74401980 CE02068---	MDF Brush K-5		1
4	74401981 CE02069---	MDF Brush K-6		1
5	74401982 CE02070---	MDF Brush K-11		1
6	74401983 CE02071---	Cover Table F-1		1
7	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
8	74183316 P334500020	Button Head Screw	M8X20	16
9	74453518 6894885	MDF Brush Guard		2
10	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
11	74159714 P336000005	Washer JIS	6(Normal)	4
12	74178737 P336050005	Spring Washer JIS	6	4

Unit No. 510 Brush Table <F Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795	Nut	M6	4
	P332000004	JIS		

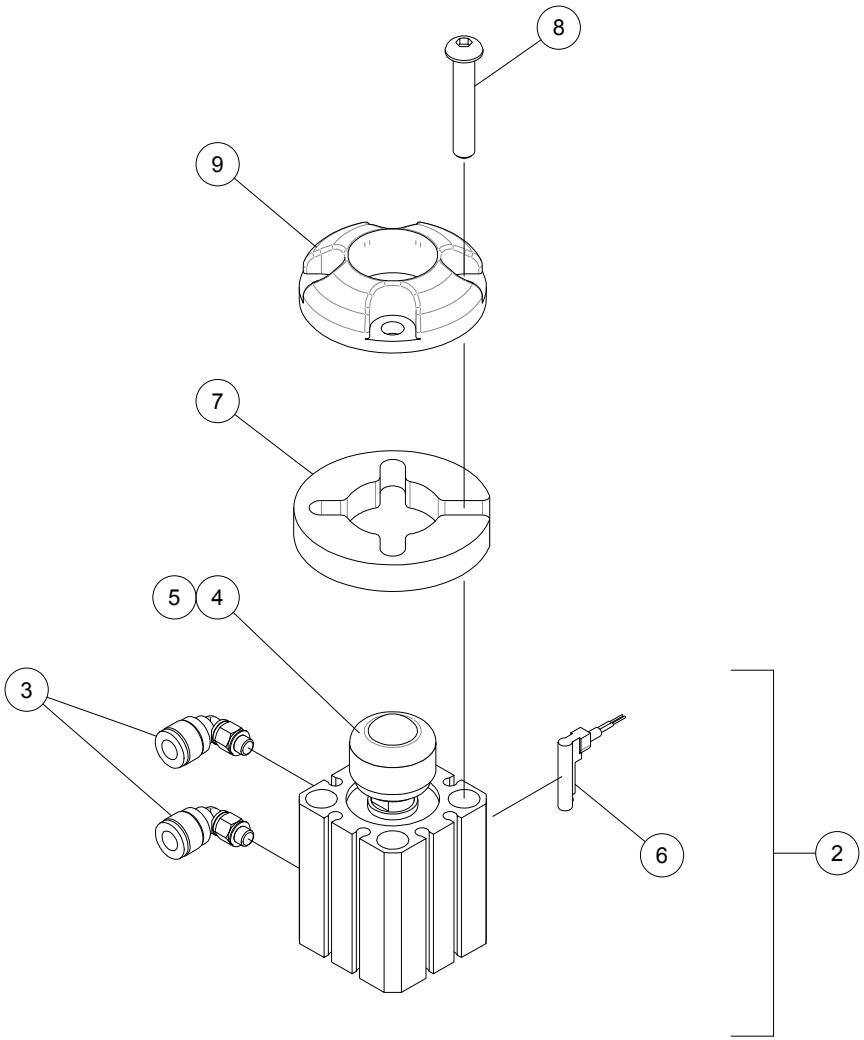


(1) F Stationary Brush B ASSY

CE01531--A

Unit No. 511 Brush Table <F Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Stationary Brush B ASSY		1
	CE01531--A		Index 2-7	
2	74401984	Stationary Table (F) B		1
	7831421---	NIC		
3	74401985	MDF Brush K-12		2
	CE01532---			
4	74401986	MDF Brush K-13		1
	CE01533---			
5	74401987	Cover Table F-2		1
	CE02072---			
6	74183620	Hex Socket Cap Screw	M8X15	4
	P330230004			
7	74183316	Button Head Screw	M8X20	16
	P334500020			

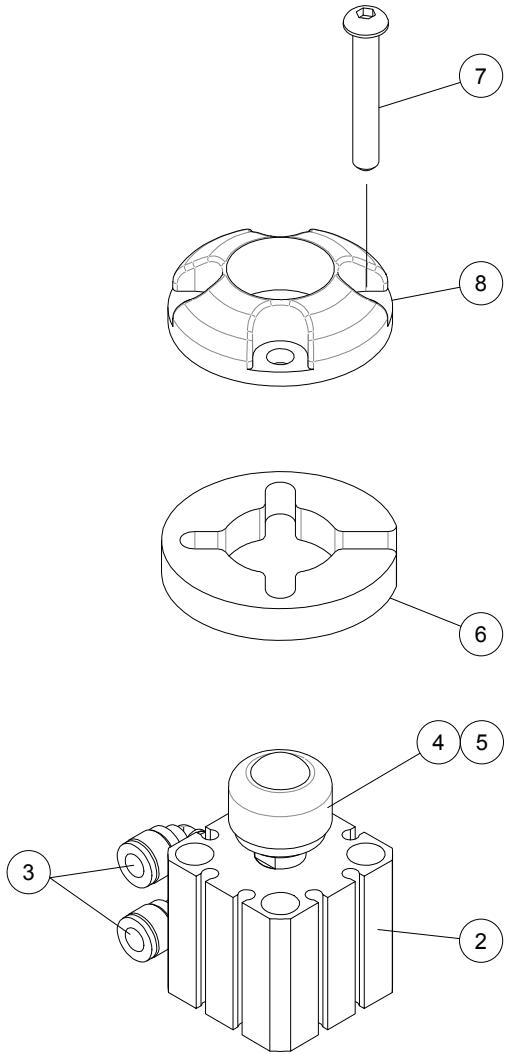


(1) F/B Up (Stationary Table)

WA00151--A

Unit No. 512 Brush Table <F/B Up(Stationary Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00151--A	F/B Up (Stationary Table)	Index 2-9	25
2	74613455 / 7831720--A	Cylinder / SMC	CDQSB25-15-DCN070EN / with Index 3-6	1
3	74613235 / P586563125	One Touch Fitting / SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 / SPT0023---	PLANEVEYOR / ATEC	PV20B-AM4	1
5	74613246 / S420120---	Washer / SMC	M8 (1.6t)	1
6	74901413 / P829008096	Auto Switch / SMC	D-A90VL	1
7	74417294 / 6875692	Cylinder Collar		1
8	74387325 / P334500059	Button Head Screw / JIS	M6X35	4
9	74453517 / 6894886	Free Bearing Guide		1

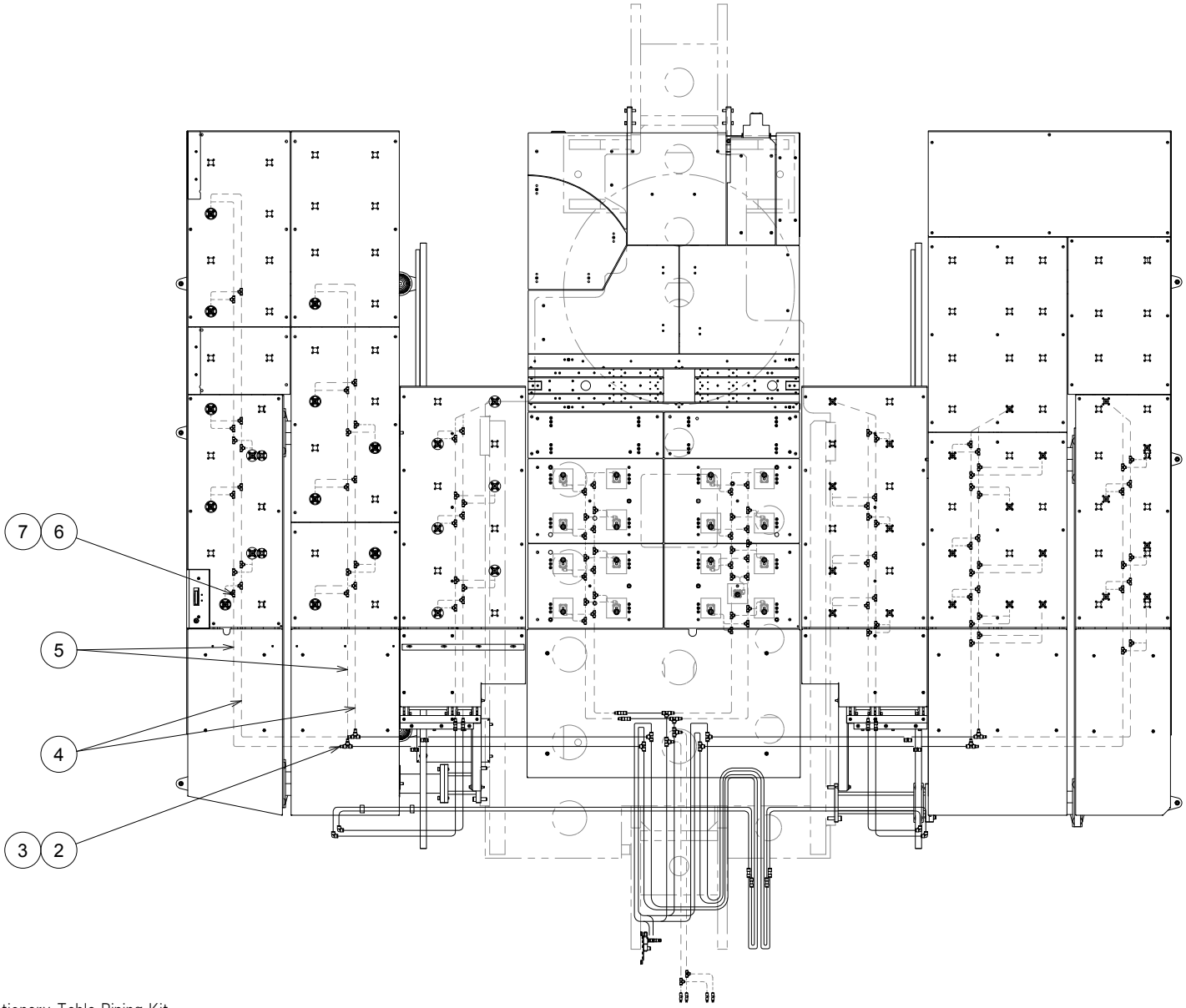


(1) F/B Up (Movable Table)

6894867--A

Unit No. 513 Brush Table <F/B Up(Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6894867--A	F/B Up (Movable Table)	Index 2-8	7
2	74613745 7831680--A	Cylinder SMC	CQSB25-15 with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	24
4	74613749 SPT0023---	PLANEVEYOR ATEC	PV20B-AM4	12
5	74613246 S420120---	Washer SMC	M8 (1.6t)	12
6	74417294 6875692	Cylinder Collar		1
7	74776829 P334500037	Button Head Screw JIS	M6X40	4
8	74453517 6894886	Free Bearing Guide		1

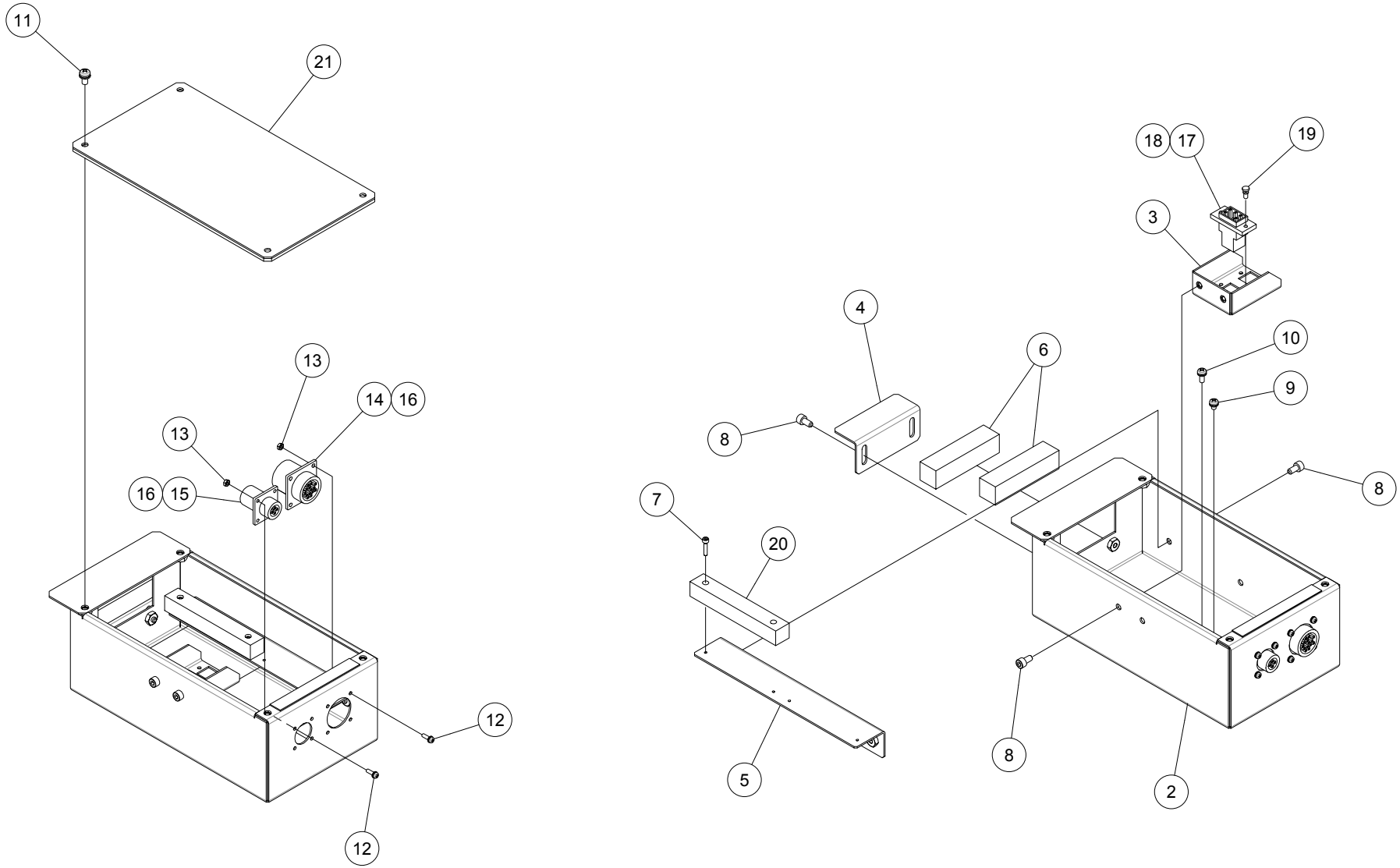


(1) F Stationary Table Piping Kit

CE02076---
(CE02077---)

Unit No. 514 Brush Table <Stationary Front Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Stationary Table Piping Kit		1
	CE02076---		Index 2-7	
2	74379378	One Touch Fitting	EUT10	2
	P586604013	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	4
	P586654002	NITTA MOORE		
4	74569815	Plastic Hose	U2-4-6X4(Blue)-10M	2
	P230222104	NITTA MOORE		
5	74569814	Plastic Hose	U2-4-6X4(Red)-10M	2
	P230222105	NITTA MOORE		
6	74338327	One Touch Fitting	EUT6	22
	P586604012	NITTA MOORE		
7	74901397	Clip	ATC-68-P100	15
	P379608003	NIC AUTOTEC		



(1) Junction Box F ASSY

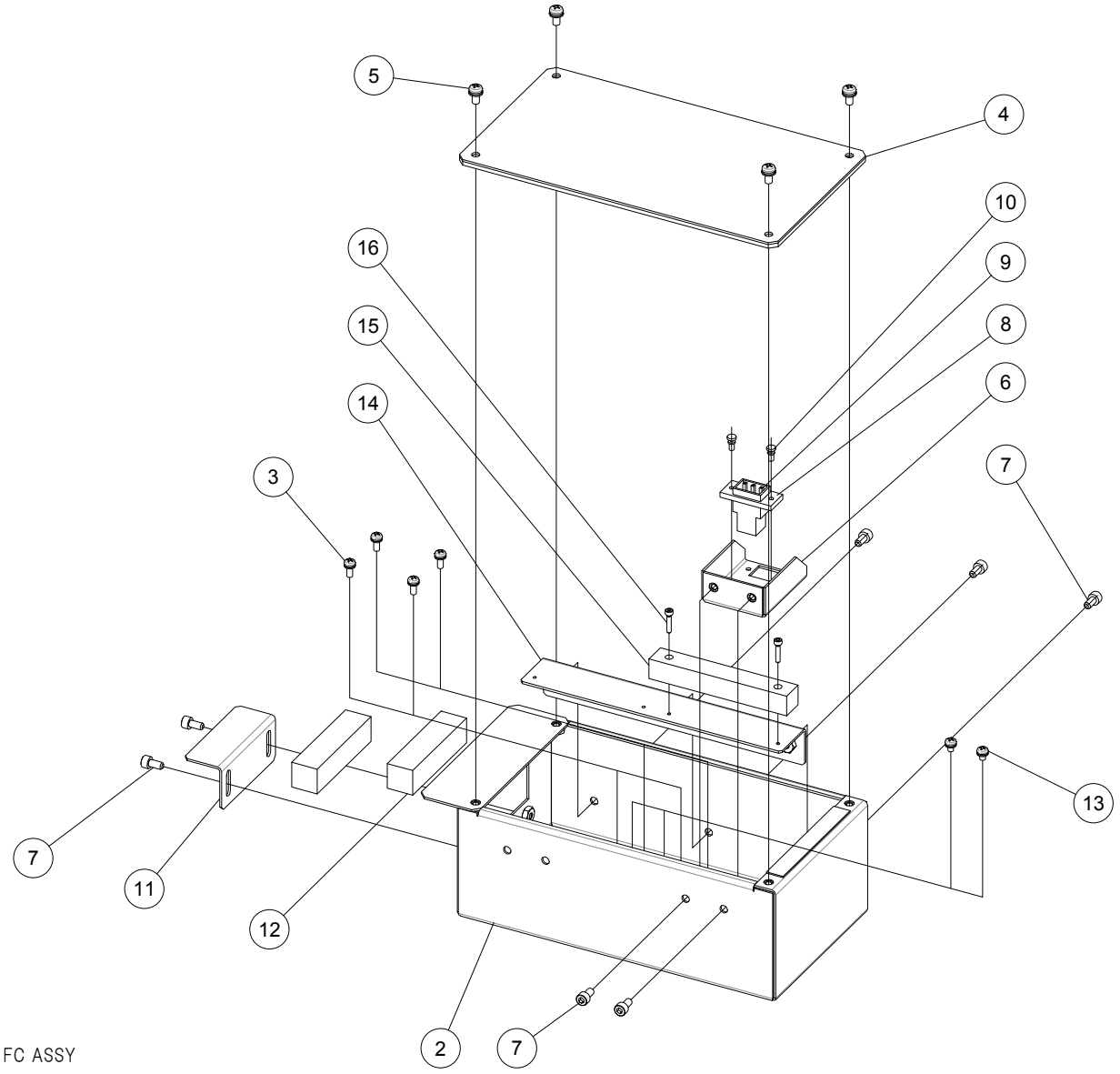
CE00653---

Unit No. 515 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00653---	Junction Box F ASSY	Index 2-21	1
2	74400389 CE00830---	Junction Box F		1
3	74901476 MA01117---	Housing Plate FC		1
4	74901477 MA01118---	Cable Clamp FC		1
5	74901478 MA01119---	Bracket		1
6	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
8	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
9	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3
10	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
11	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
12	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	8

Unit No. 515 Brush Table <Junction Box F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183201	Nut	M3	8
	P332000001	JIS		
14	74521705	Plastic Round Connector	206036-1	1
	P862032003	AMP		
15	74565182	Plastic Round Connector	206061-1	1
	P862032012	AMP		
16	74450170	Plug Type Terminal	66099-3	18
	P862142082	AMP		
17	74386501	Rectangle Connector	178803-3	1
	P862042068	AMP		
18	74489980	Plug Type Terminal	175289-2	5
	P862142029	AMP		
19	74386505	Accessory for Connector	900128-2 (Push Rivet)	2
	P862182002	AMP		
20	74569809	Block Terminal	MK4/16KRG	1
	P864008047	WEIDMULLER		
21	74901661	Junction Box Cover		1
	WA00219---			



(1) Junction Box FC ASSY

CE02075---

Unit No. 516 Brush Table <Junction Box FC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02075---	Junction Box FC ASSY	Index 2-16	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74901476 MA01117---	Housing Plate FC		1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	7
8	74386501 P862042068	Rectangle Connector AMP	178803-3	1
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	3
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
11	74901477 MA01118---	Cable Clamp FC		1
12	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2

Unit No. 516 Brush Table <Junction Box FC ASSY>

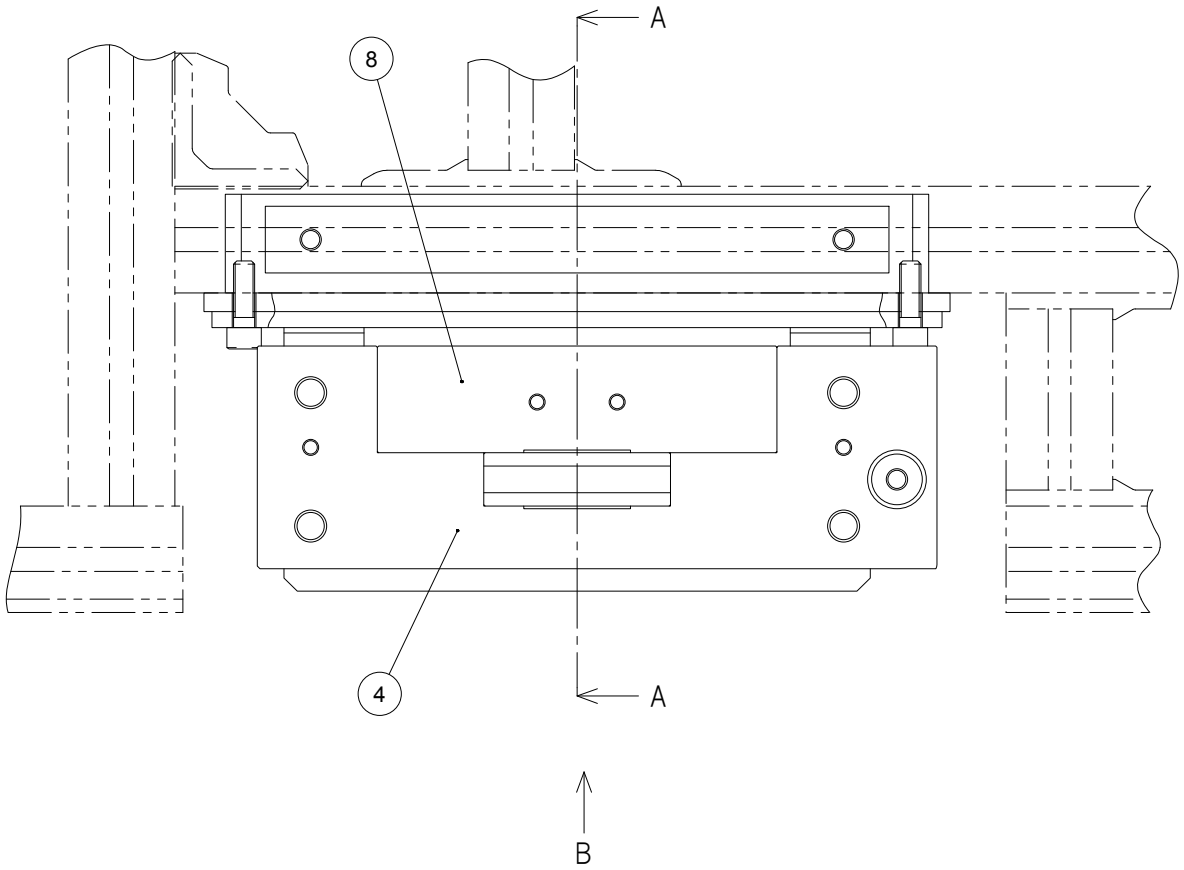
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	2
14	74901478 MA01119---	Bracket		1
15	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
16	74319101 P330200006	Hex Socket Cap Screw	M3X15	2

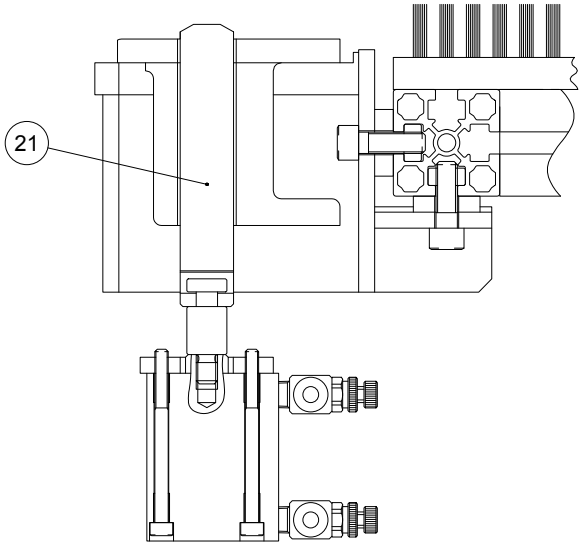
< List Only >

CE01616---

Unit No. 517 Brush Table <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01616---	Cable ASSY	Index 2	1
2	74400390 / CE00831---	Cable CH-1		1



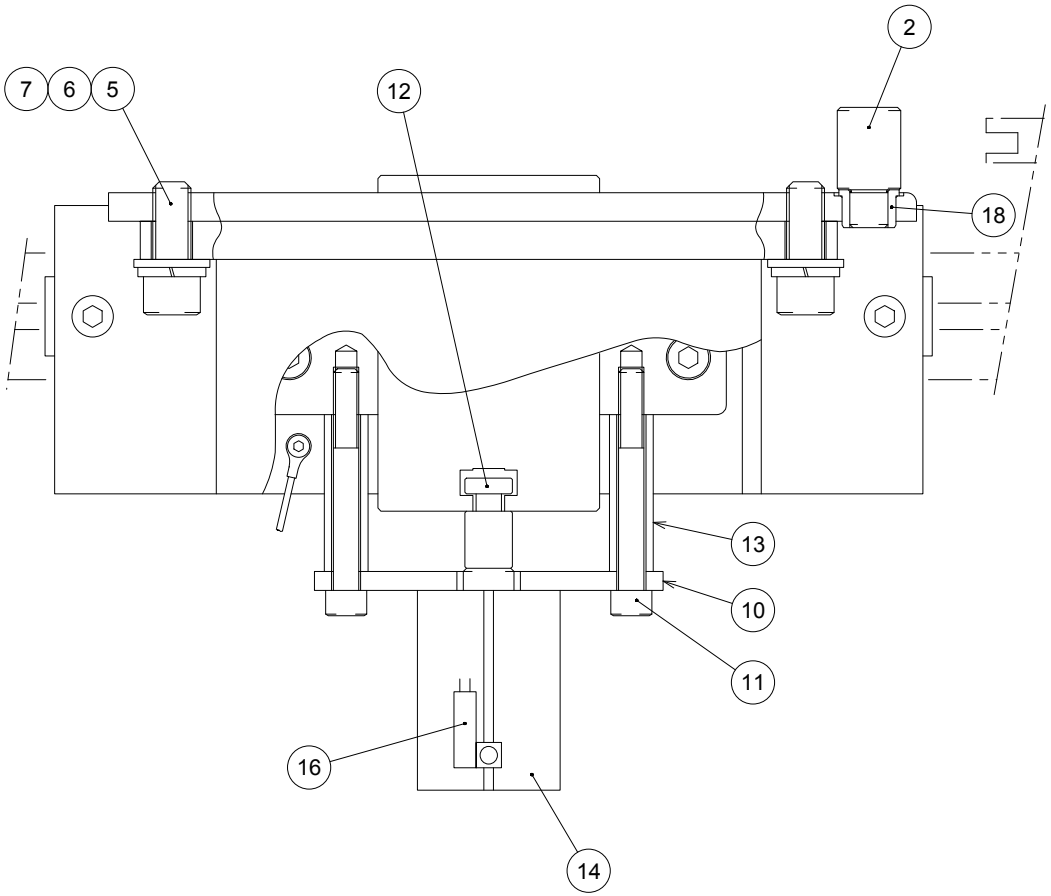


SECTION A-A

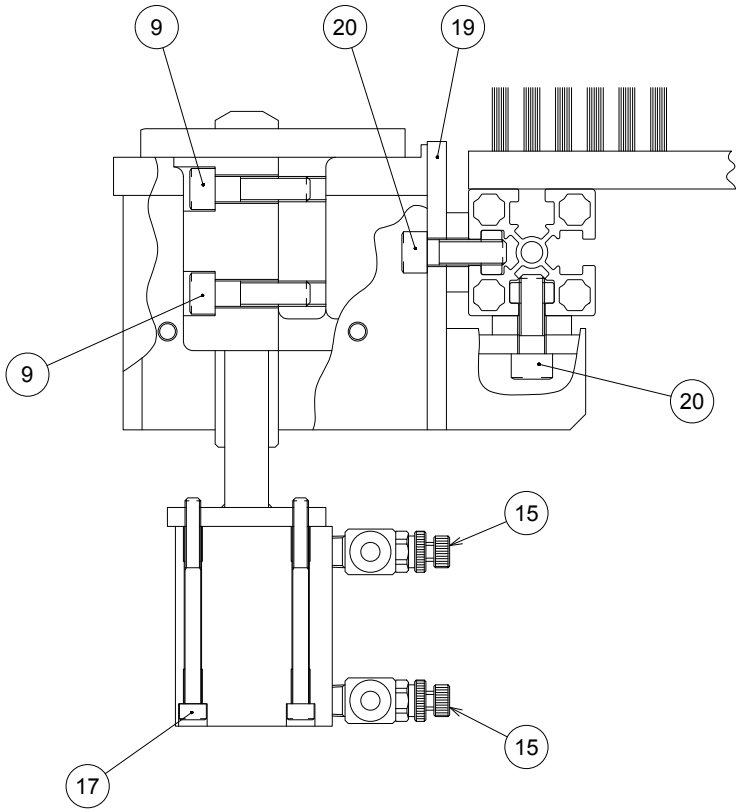
(1) X-gauge Block ASSY

(3) Pneumatic X-gauge Block ASSY

6870990 C



VIEW B



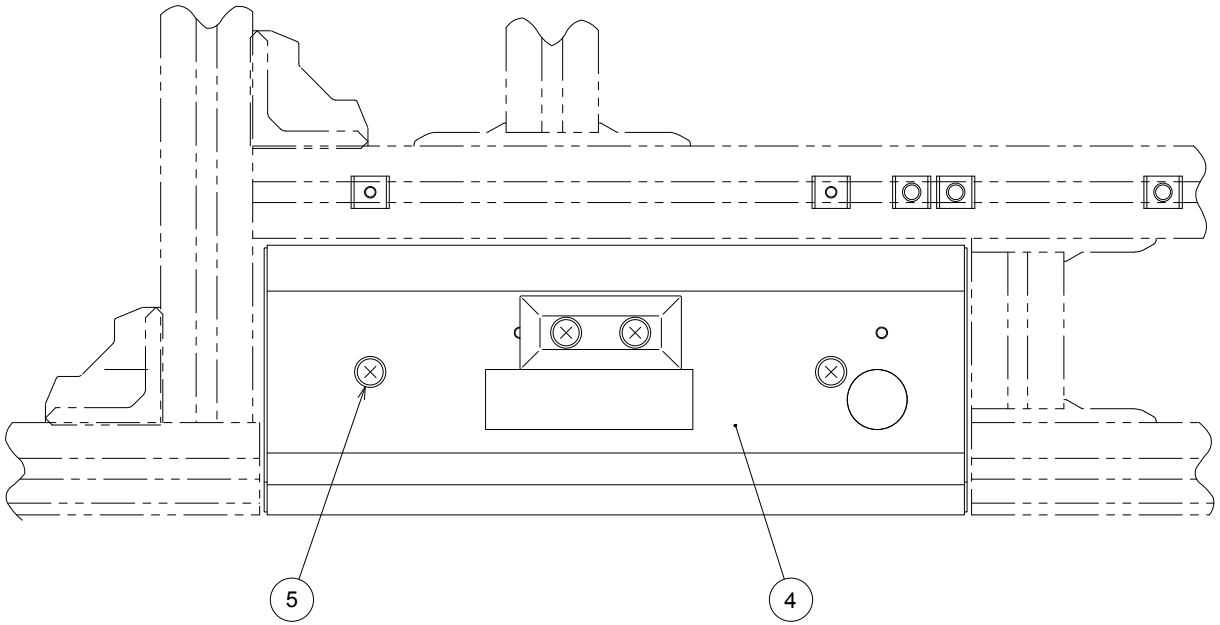
6870990 C

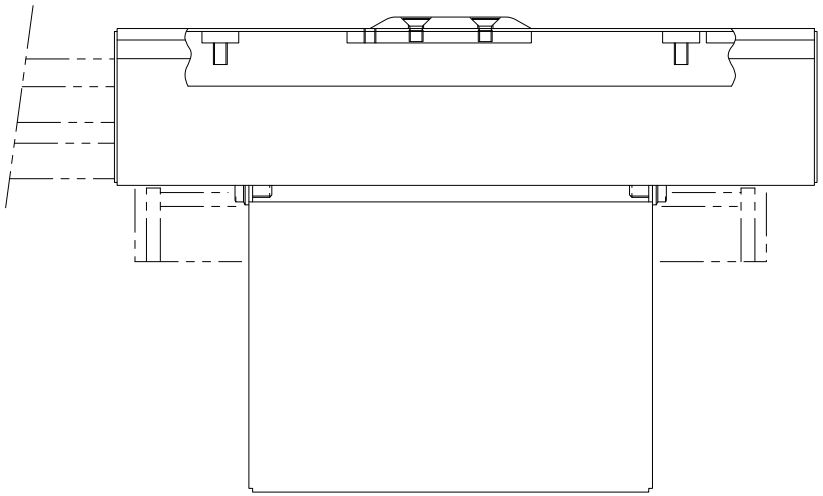
Unit No. 518 Brush Table <X-gauge Block ASSY>

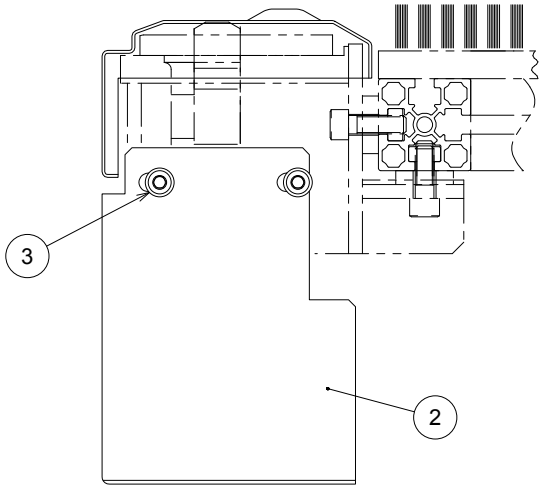
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6870990 C	X-gauge Block ASSY	Index 2-21	1
2	74389510 6572979 B	Stopper Pin		1
3	6870992	Pneumatic X-gauge Block ASSY	Index 4-21	1
4	74382322 6572986 E	Locating Pin Guide A		1
5	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
6	74183104 P336050008	Spring Washer JIS	12	4
7	74183031 P336000008	Washer JIS	12(Normal)	4
8	74382103 6572978 B	Locating Pin Guide		1
9	74183624 P330230008	Hex Socket Cap Screw	M8X30	4
10	74722137 6533802	Cylinder Guide B		1
11	74183632 P330230016	Hex Socket Cap Screw	M8X70	2
12	74382319 6533803 A	Locating Pin Collar		1

Unit No. 518 Brush Table <X-gauge Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74382007 6533807	Cylinder Guide A		2
14	74415497 7832807 A	Cylinder SMC	CDQ2B32D-W0501-30 with Index 1516	1
15	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	2
16	74901621 S40000543-	Auto Switch SMC	D-A73HL	1
17	74716106 P330210018	Hex Socket Cap Screw NISSAN NEJI	M5X65	4
18	74387377 6578599 B	Stopper Pin Bushing		1
19	74578845 6597285 B	Locating Pin Bracket		1
20	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
21	74382318 6533801	Stopper		1







(1) X-gauge Block Cover ASSY

6823658

Unit No. 519 Brush Table <Cover>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		X-gauge Block Cover ASSY		1
	6823658		Index 2-5	
2	74575629	Side Cover		1
	6813196 A			
3	74776775	Flange Socket Bolt	M6X10	4
	P330468015	NISSAN NEJI		
4	74571329	X-gauge Block Cover A		1
	6823659			
5	74305021	Flat Head Bolt	M6X15	2
	P334520001	NISSAN NEJI		

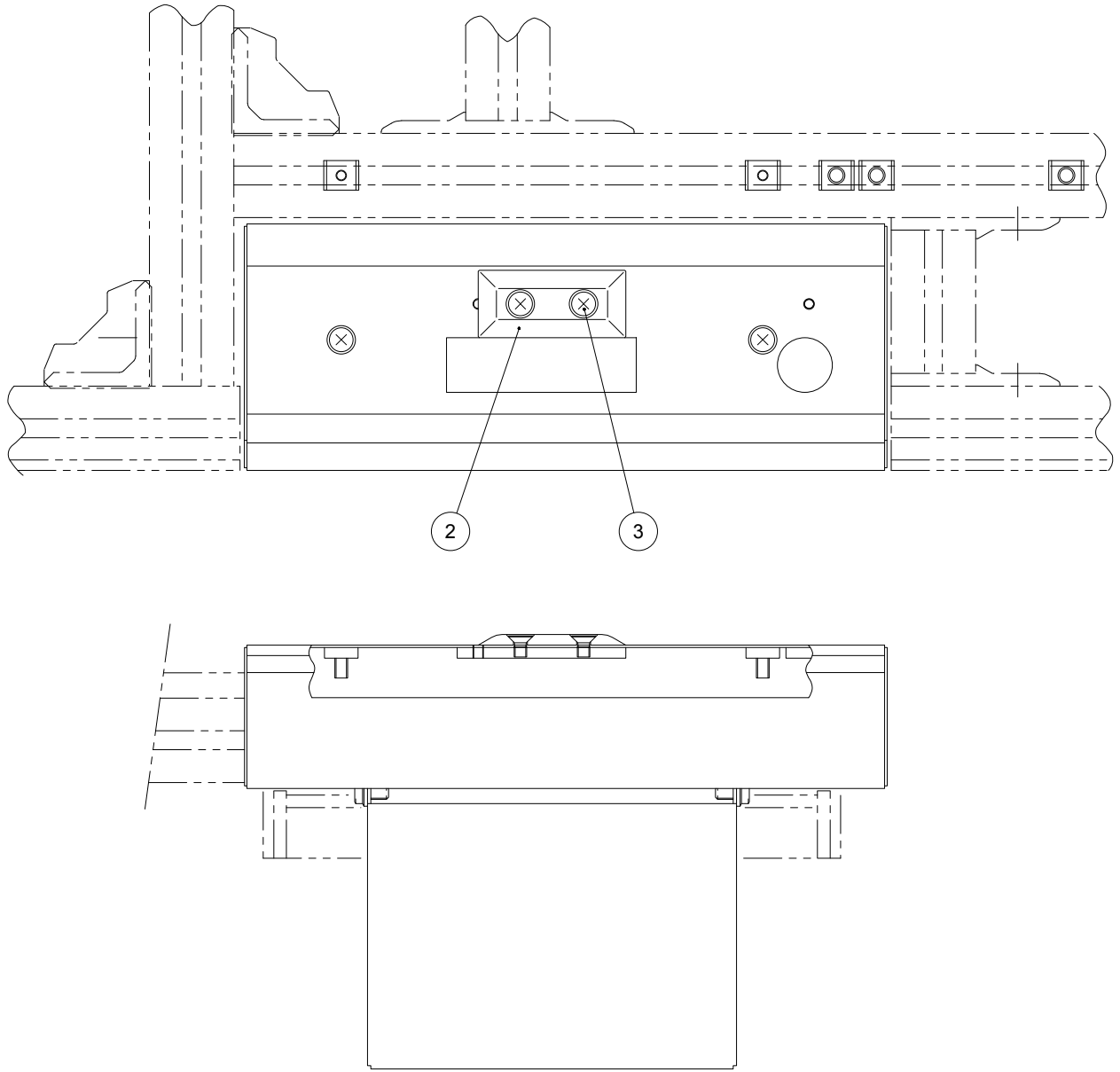
< List Only >

6818048---

Unit No. 520 Brush Table <Electric Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Electric Pneumatic ASSY		1
	6818048---		Index 2-10	
2	74401253	X-gauge Block Solenoid	VQZ3121-5YZ-02-F-X52	1
	7832809	SMC	Index 3-6	
3	74368207	Silencer	AN103-01	1
	P557032003	SMC		
4	74569148	One Touch Fitting	KQ2L06-02S	1
	P586623032	SMC		
5	74453537	One Touch Fitting	KQ2S10-02S	1
	P586533066	SMC		
6	74901409	Pilot Solenoid Valve	VQZ3121-5YZ-02-F	1
	P556002712	SMC		
7	74413041	Hex Socket Cap Screw	M4X8	2
	P330200014			
8	74569814	Plastic Hose	U2-4-6X4(Red)-2M	1
	P230222101	NITTA MOORE		
9	74569815	Plastic Hose	U2-4-6X4(Blue)-2M	1
	P230222102	NITTA MOORE		
10	74575280	Cable Y-12 (1)		1
	6827575			

Unit No. 521 Brush Table <Support Plate ASSY>

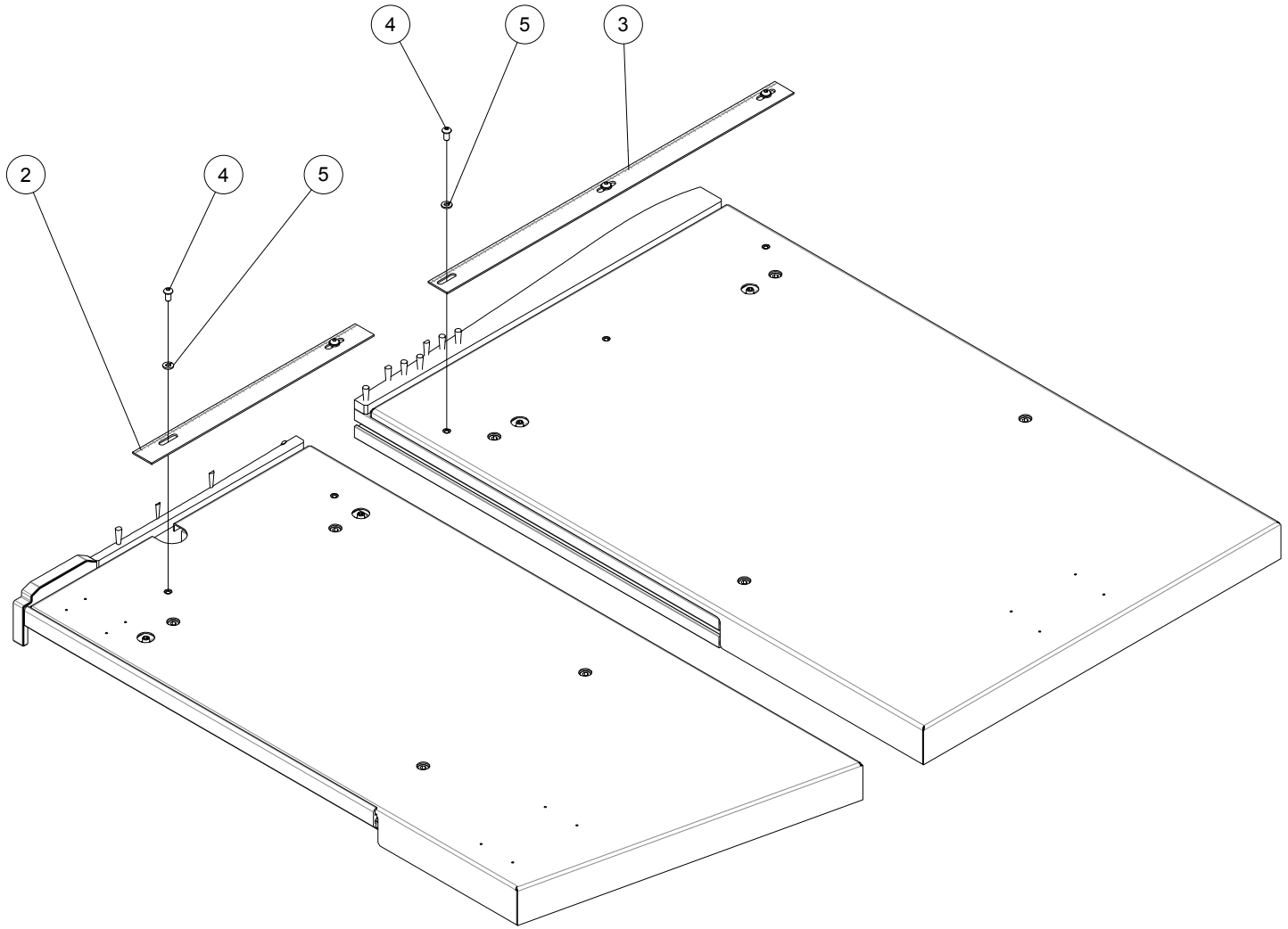


(1) Support Plate ASSY

6533890
(6823658)

Unit No. 521 Brush Table <Support Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6533890	Support Plate ASSY	Index 23	1
2	74305715 / 0819402 A	Support Plate		1
3	74355104 / P334520014	Flat Head Bolt / NISSAN NEJI	M6X20	2

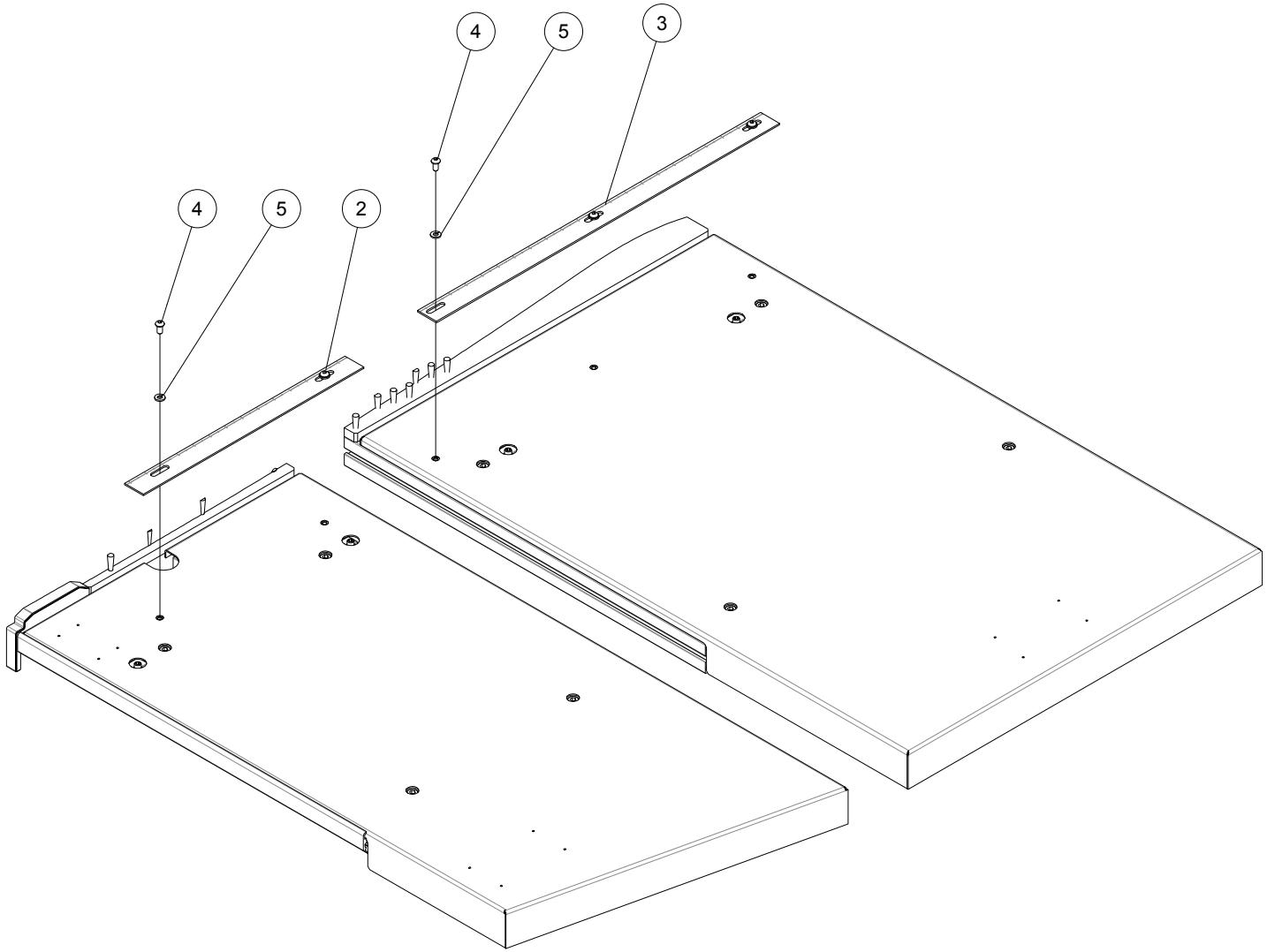


(1) Scale (F Stationary Table) Kit (mm)

CE01624---

Unit No. 522 Brush Table <Scale (F Stationary Table) Kit (mm)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01624---	Scale (F Stationary Table) Kit (mm)	Index 2-5	1
2	74401988 / CE01625---	Scale A (mm)		1
3	74401989 / CE01626---	Scale B (mm)		1
4	74183309 / P334500014	Button Head Screw / JIS	M6X12	5
5	74178737 / P336050005	Spring Washer / JIS	6	5

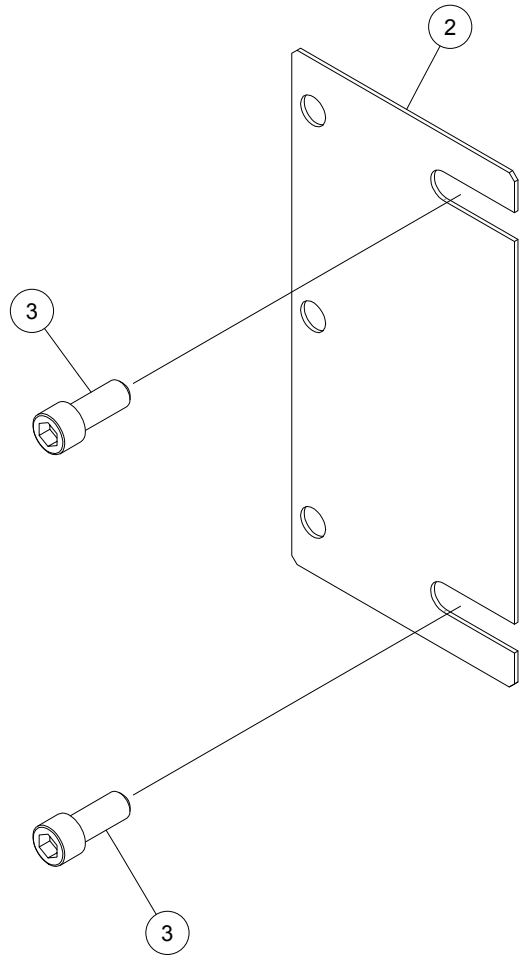


(1) Scale (F Stationary Table) ASSY (inch)

CE01627---

Unit No. 523 Brush Table <Scale (F Stationary Table) ASSY (inch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01627---	Scale (F Stationary Table) ASSY (inch)	Index 2-5	1
2	74401990 CE01628---	Scale A (inch)		1
3	74401991 CE01629---	Scale B (inch)		1
4	74183309 P334500014	Button Head Screw JIS	M6X12	5
5	74178737 P336050005	Spring Washer JIS	6	5

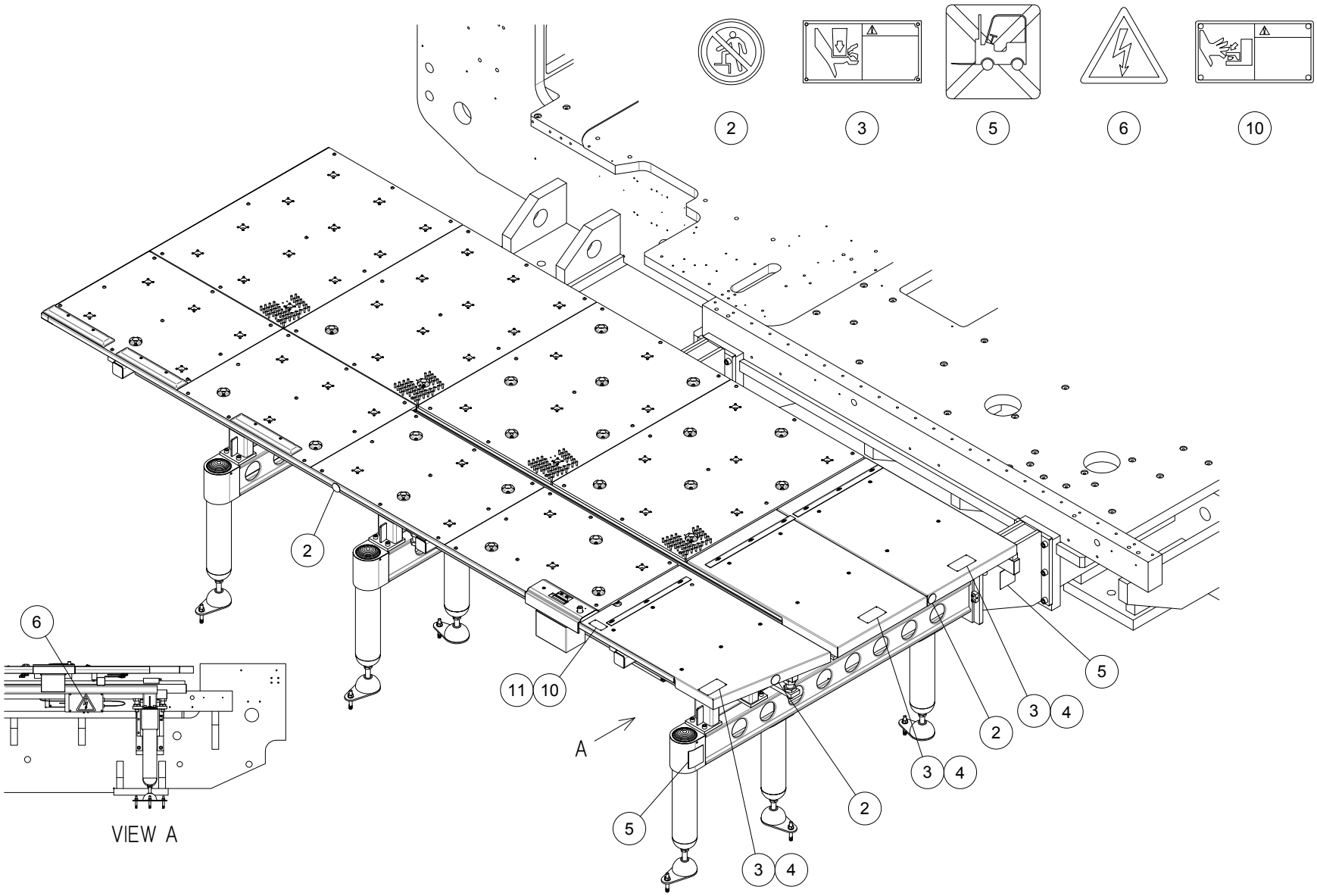


(1) Locating Kit

CE01979---

Unit No. 524 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 CE01899---	Shim		1
3	74183656 P330250005	Hex Socket Cap Screw	M12X30	2

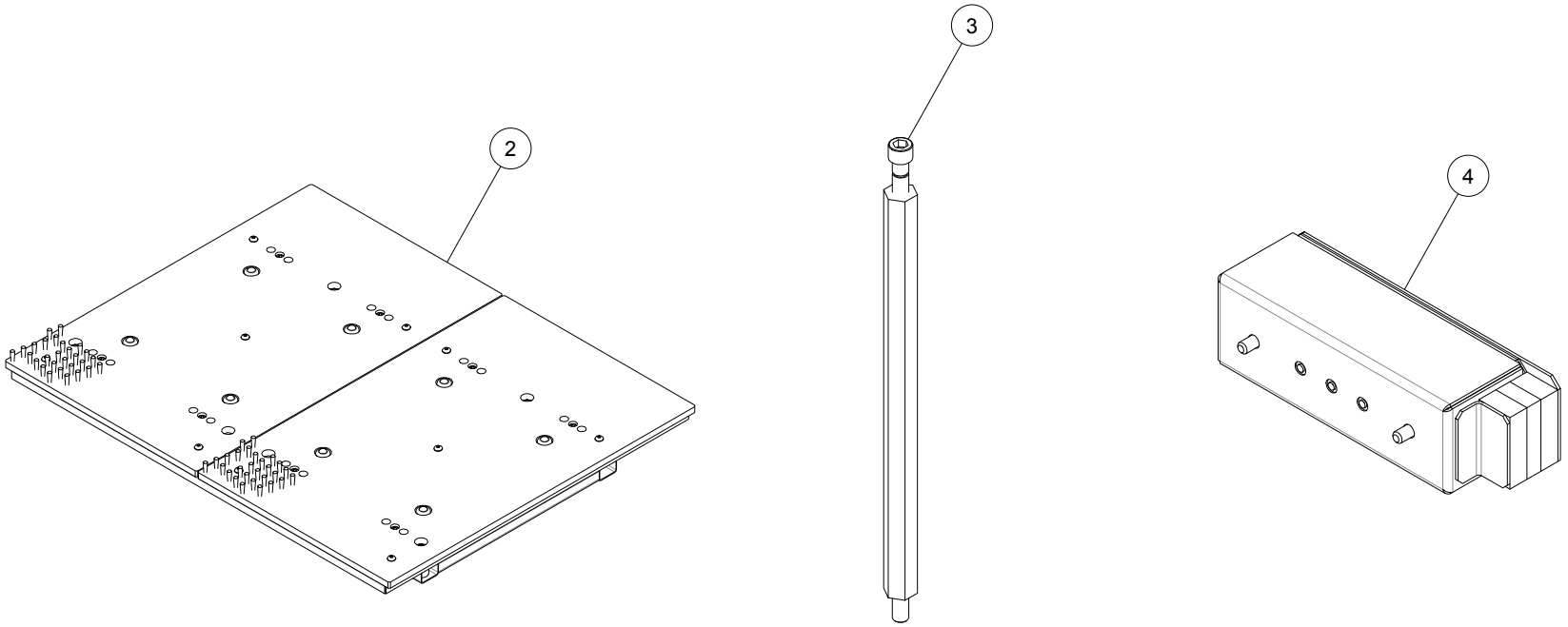


(1) F Stationary Table Name Plate Kit C

CE01986---

Unit No. 525 Brush Table <F Stationary Table Name Plate Kit C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01986---	F Stationary Table Name Plate Kit C	Index 2-11	1
2	74902622 MA04190---	Warning Plate		5
3	74415924 6816795	Warning Plate 3		3
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	12
5	74419478 3809319	Caution Plate		4
6	74379098 P360200003	Charging Mark JIS	JISB6015-80H	2
7	74901536 MA02938---	Stationary Table Sticker 1 Export	List Only	1
8	74901537 MA02939---	Stationary Table Sticker 2 Export	List Only	1
9	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6
10	74901449 1665261 A	Caution Plate		1
11	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	4

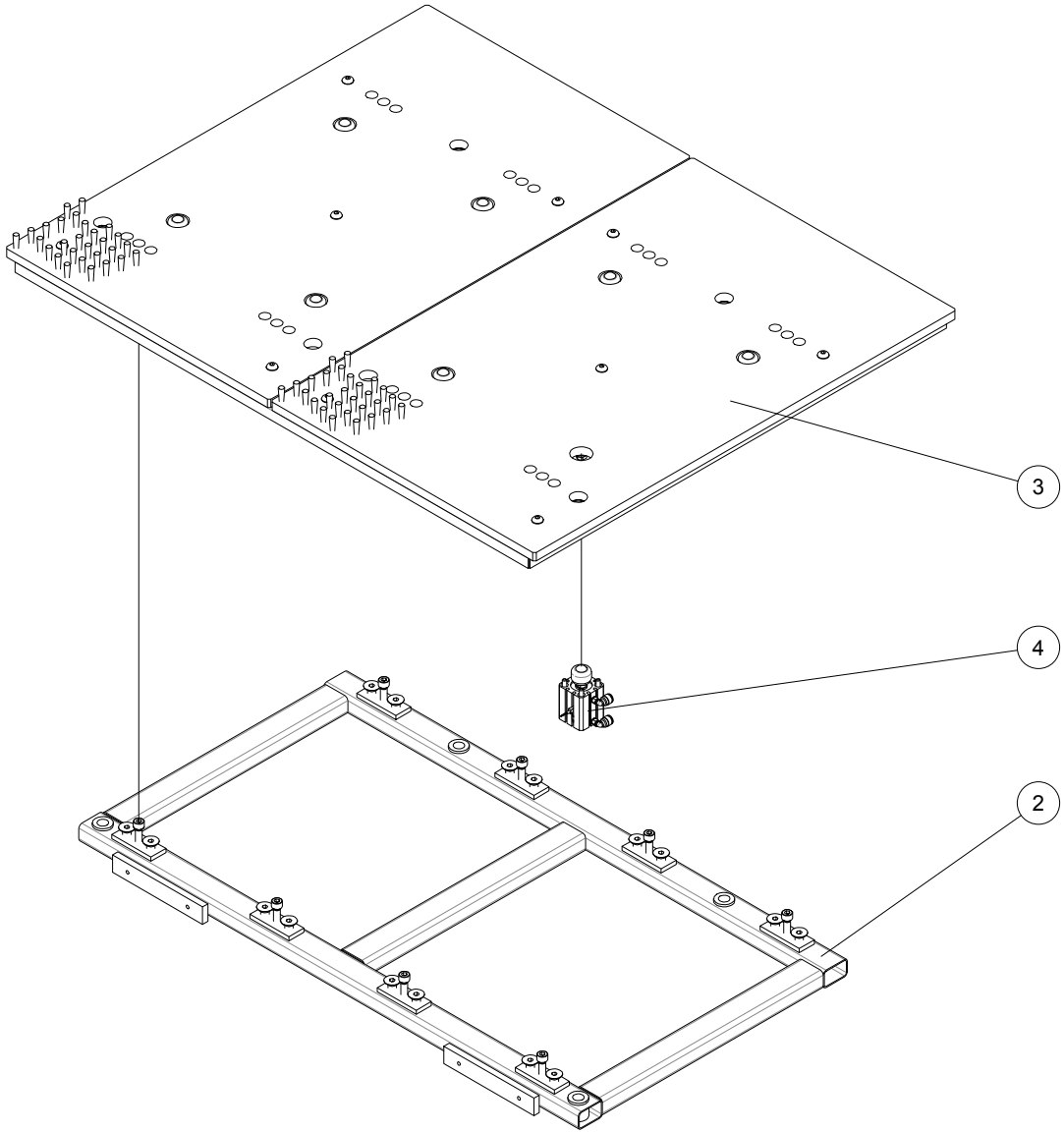


(1) Center Table ASSY

CE01411---

Unit No. 526 Brush Table <Center Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01411---	Center Table ASSY	Index 2-7	1
2	CE01381---	Center Table F ASSY		1
3	CE01383---	Center Table Installation Kit		1
4	MA00997---	Junction Box C ASSY		1
5	CE01412---	Center Table R ASSY	List Only	1
6	3830149	Name Plate ASSY	List Only	1
7	CE00881---	Cable CTB ASSY	List Only	1

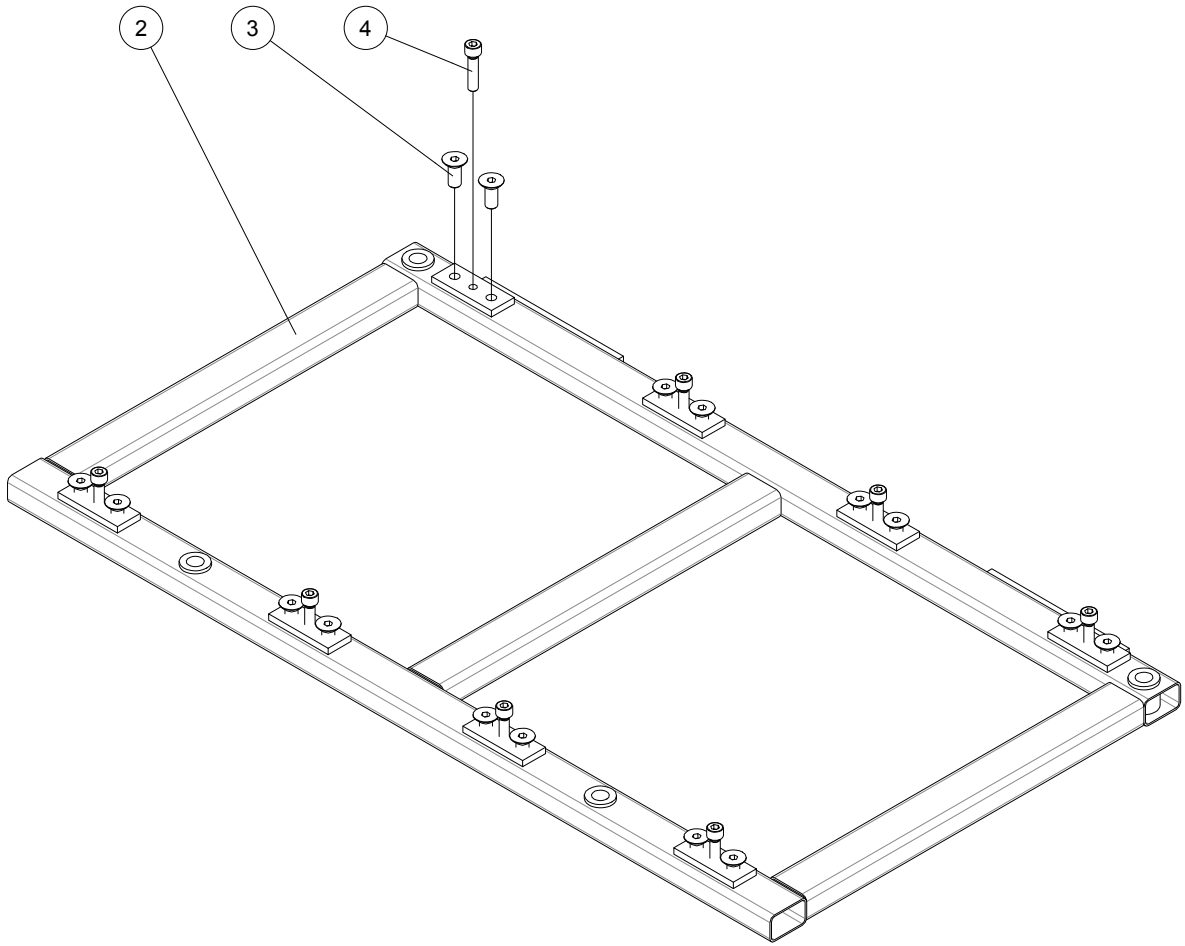


(1) Center Table F ASSY

CE01381---

Unit No. 527 Brush Table <Center Table F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01381---	Center Table F ASSY	Index 2-5	1
2	CE01385---	Center Table Base ASSY		1
3	CE01386---	Center Brush ASSY		1
4	CE00871---	Free-motion Bearing ASSY CTB		8
5	CE01392---	Center Table Piping Kit	List Only	1



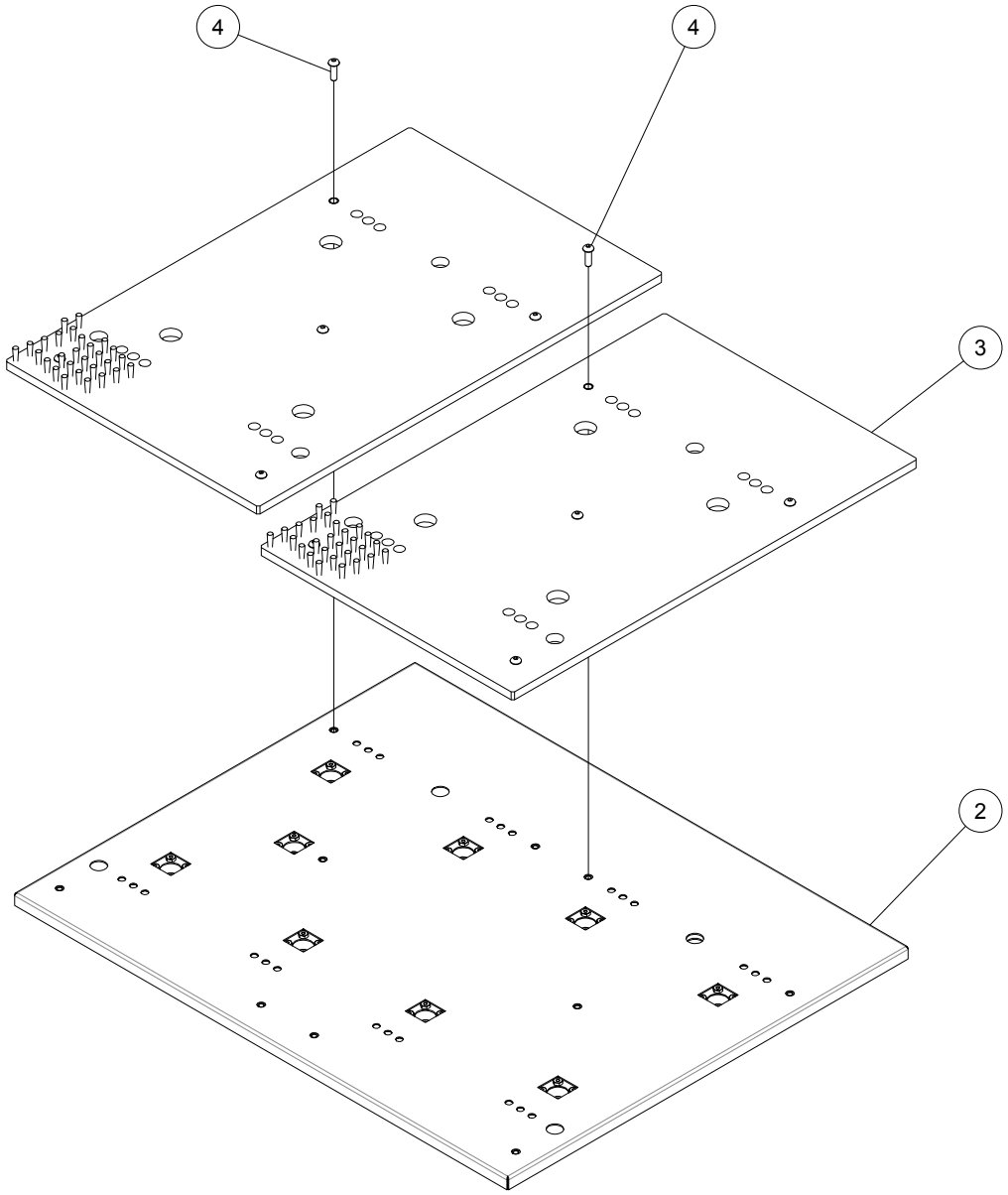
(1) Center Table Base ASSY

CE01385---

Unit No. 528 Brush Table <Center Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ CE01385---	Center Table Base ASSY /	/ Index 2-4	1
2	74401992 / CE01388---	Center Table Base /	/	1
3	74389628 / P334520009	Flat Head Bolt / NISSAN NEJI	M10X25 /	16
4	74183625 / P330230009	Hex Socket Cap Screw /	M8X35 /	8

Unit No. 529 Brush Table <Center Brush ASSY>

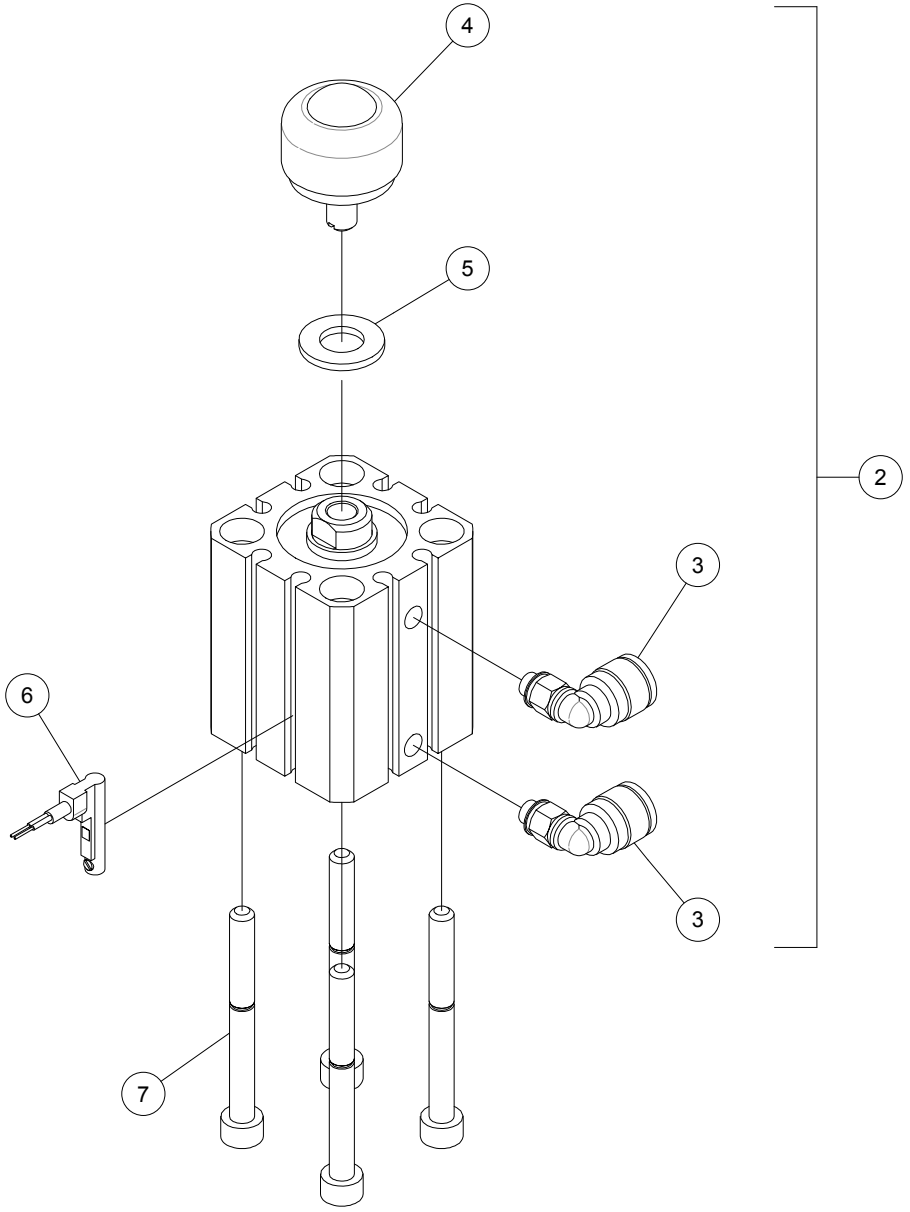


(1) Center Brush ASSY

CE01386---

Unit No. 529 Brush Table <Center Brush ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01386---	Center Brush ASSY	Index 2-4	1
2	74401993 / CE01389---	Center Brush Base		1
3	74401994 / CE01390---	Brush C		2
4	74722756 / P334500021	Button Head Screw	M8X25	10

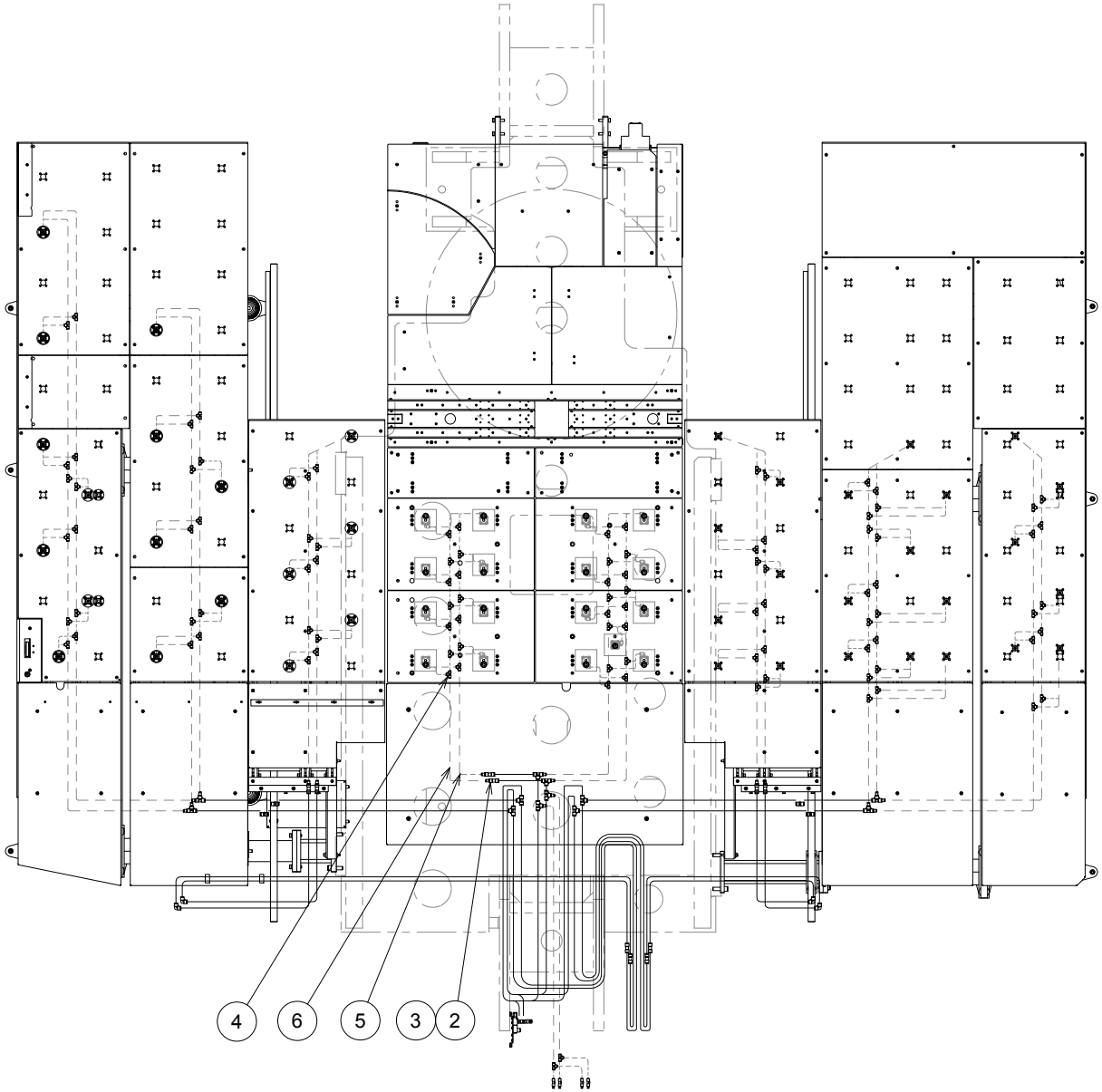


(1) Free Bear ASSY CTB

CE00871---

Unit No. 530 Brush Table <Free-motion Bearing ASSY CTB>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00871---	Free-motion Bearing ASSY CTB	Index 2-7	6
2	74400402 7831742---	Cylinder SMC	CDQSB25-15-DCP571AP Index 3-6	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 SPT0023---	PLANEVEYOR	PV20B-AM4	1
5	74613246 S420120---	Washer SMC	M8 (1.6t)	1
6	74901413 P829008096	Auto Switch SMC	D-A90VL	1
7	74304903 P330210015	Hex Socket Cap Screw	M5X50	4

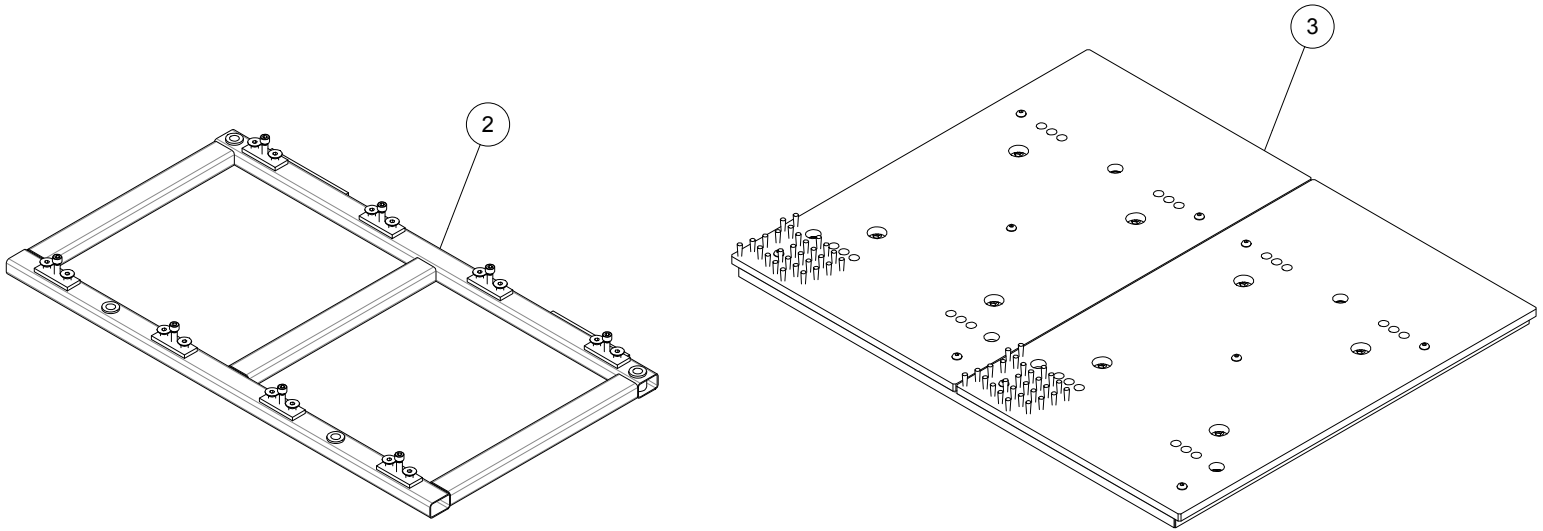


(1) Center Table Piping Kit

CE01392---
(CE02077---)

Unit No. 531 Brush Table <Center Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Center Table Piping Kit		1
	CE01392---		Index 2-6	
2	74382404	One Touch Fitting	EUC10	2
	P586604021	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	2
	P586654002	NITTA MOORE		
4	74338327	One Touch Fitting	EUT6	14
	P586604012	NITTA MOORE		
5	74569815	Plastic Hose	U2-4-6X4(Blue)-4M	1
	P230222231	NITTA MOORE		
6	74569814	Plastic Hose	U2-4-6X4(Red)-4M	1
	P230222274	NITTA MOORE		

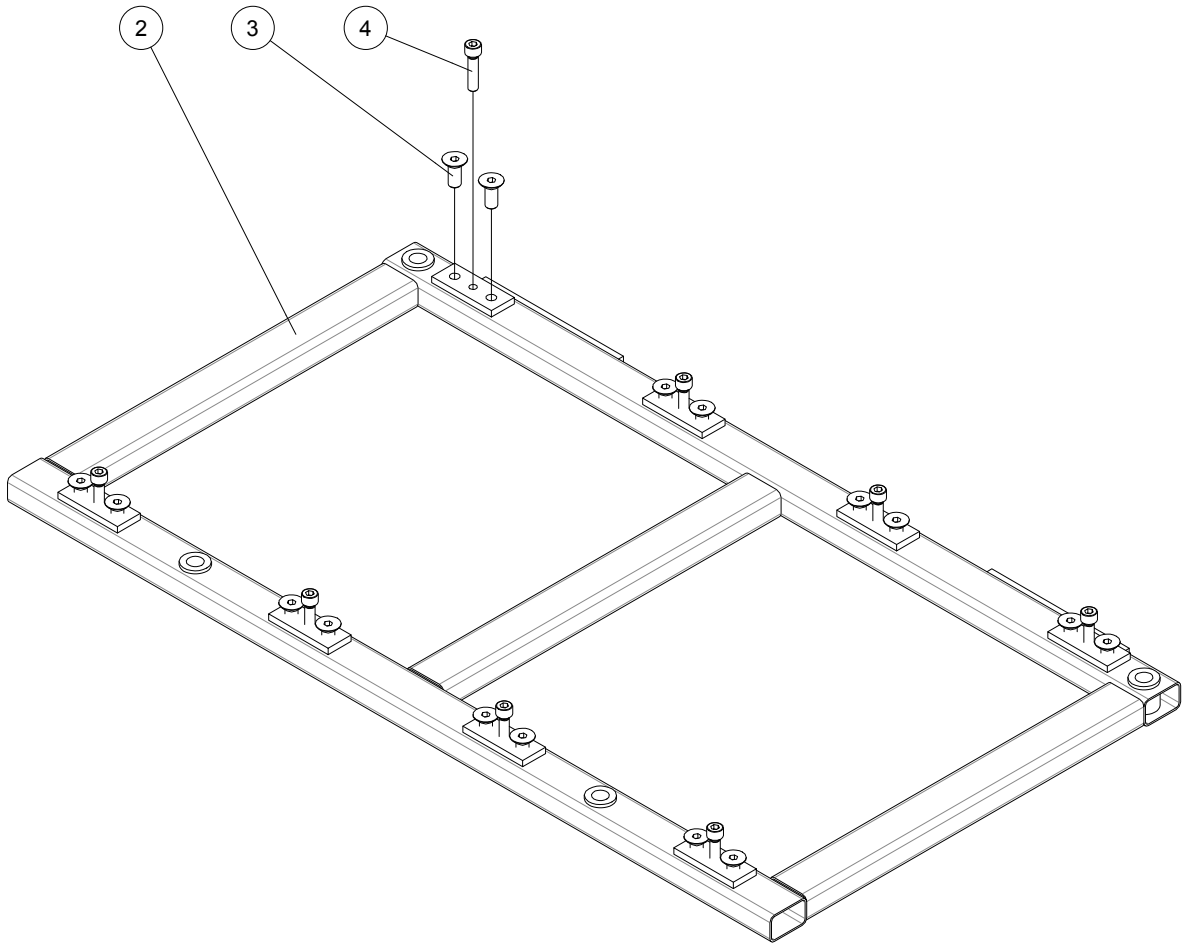


(1) Center Table R ASSY

CE01412---

Unit No. 532 Brush Table <Center Table R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01412---	Center Table R ASSY	Index 23	1
2	CE01385---	Center Table Base ASSY		1
3	CE01386---	Center Brush ASSY		1



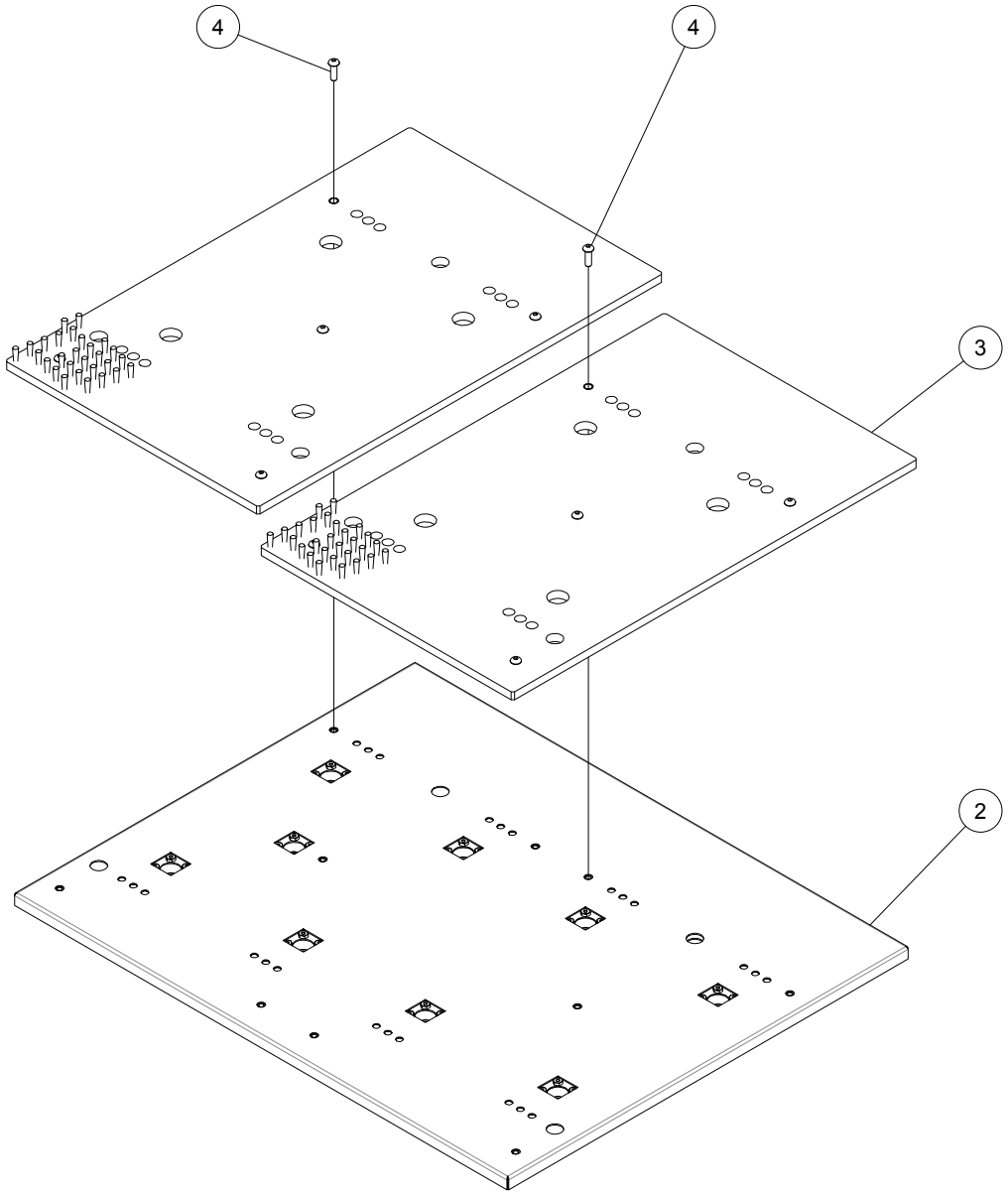
(1) Center Table Base ASSY

CE01385---

Unit No. 533 Brush Table <Center Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ CE01385---	Center Table Base ASSY /	/ Index 2-4	1
2	74401992 / CE01388---	Center Table Base /	/	1
3	74389628 / P334520009	Flat Head Bolt / NISSAN NEJI	M10X25 /	16
4	74183625 / P330230009	Hex Socket Cap Screw /	M8X35 /	8

Unit No. 534 Brush Table <Center Brush ASSY>

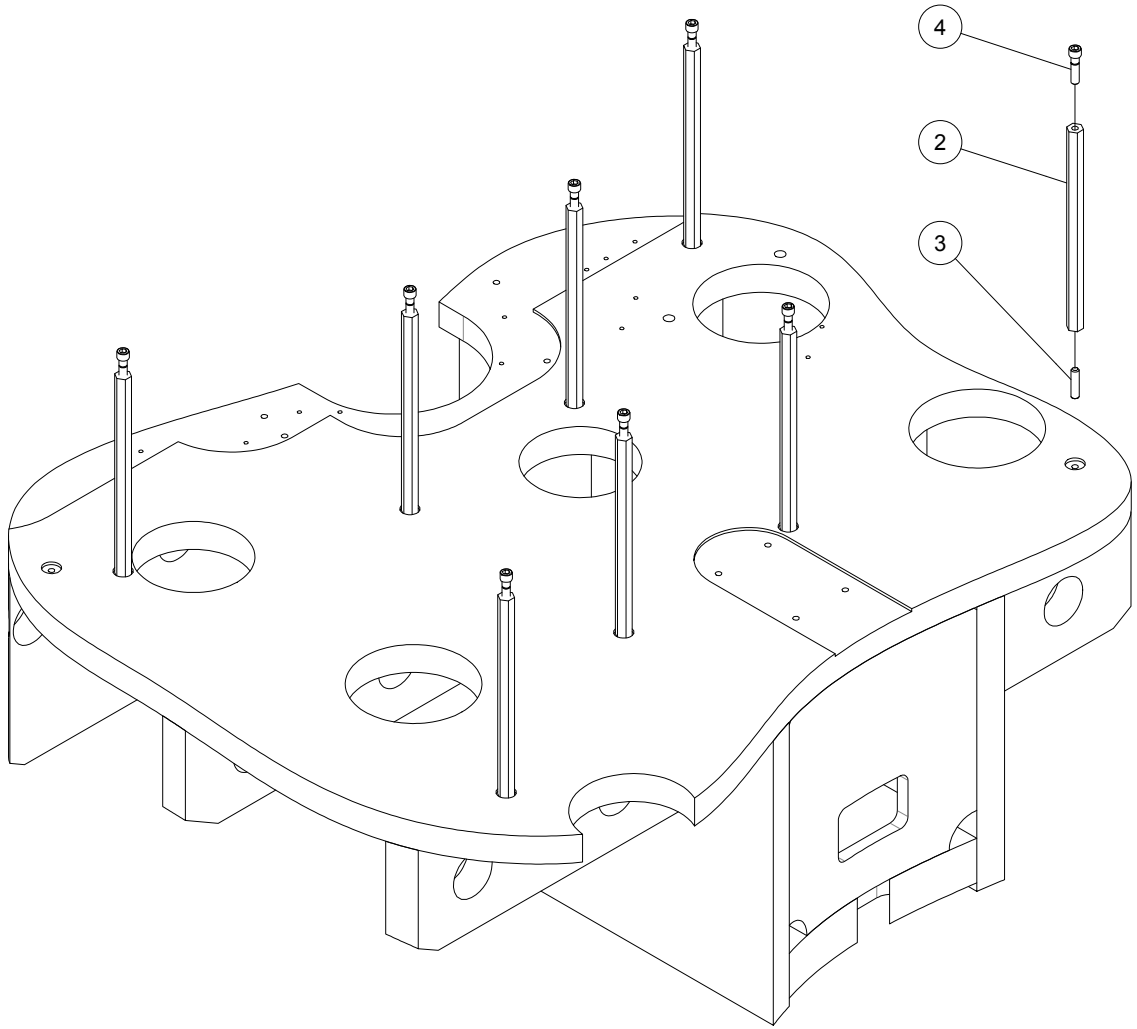


(1) Center Brush ASSY

CE01386---

Unit No. 534 Brush Table <Center Brush ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01386---	Center Brush ASSY	Index 2-4	1
2	74401993 / CE01389---	Center Brush Base		1
3	74401994 / CE01390---	Brush C		2
4	74722756 / P334500021	Button Head Screw	M8X25	10



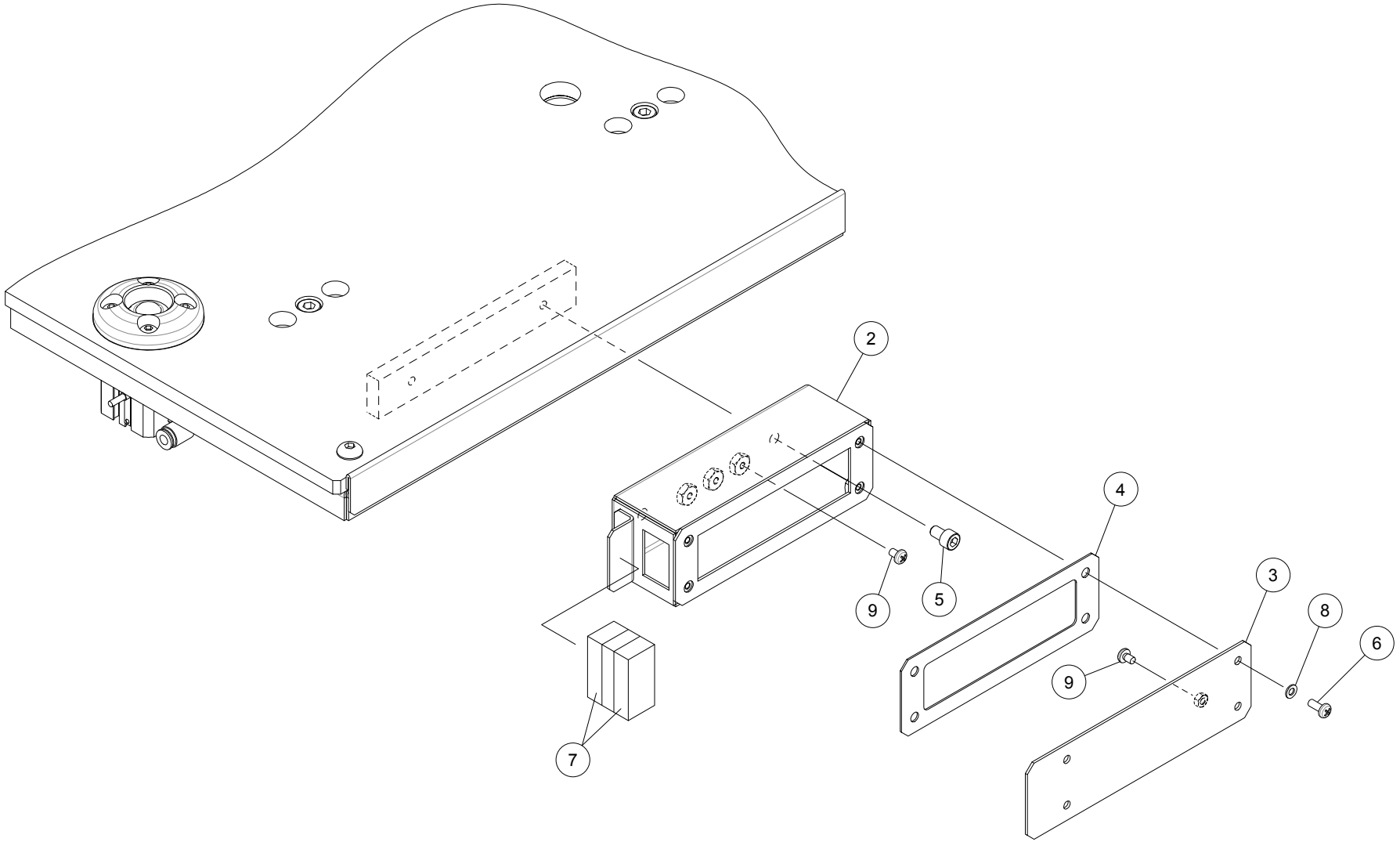
(1) Center Table Installation Kit

CE01383---

Unit No. 535 Brush Table <Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01383---	Center Table Installation Kit	Index 2-4	1
2	74901490 / MA01182---	Stud 356		8
3	74353707 / P330550066	Socket Set Screw / JIS	M12X50(Flat Point)	8
4	74183659 / P330250009	Hex Socket Cap Screw	M12X50	8

Unit No. 536 Brush Table <Junction Box C ASSY>

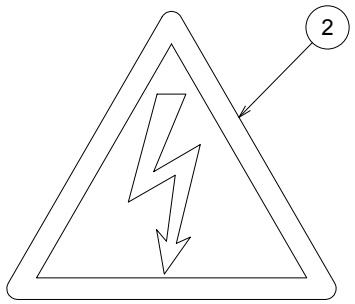


(1) Relay Box C ASSY

MA00997---

Unit No. 536 Brush Table <Junction Box C ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00997---	Relay Box C ASSY	Index 2-9	1
2	74901482 MA01131---	Junction Box C		1
3	74387026 6596076	Junction Box C Cover		1
4	74387027 6596077	Packing C		1
5	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
6	74305015 P334100018	Pan Head Screw JIS	M4X10	4
7	74387028 P230580064	Rubber Sponge	CR-T20X20X40	2
8	74183022 P336000003	Washer JIS	4(Small Round)	4
9	74183225 P334100016	Pan Head Screw JIS	M4X6	4

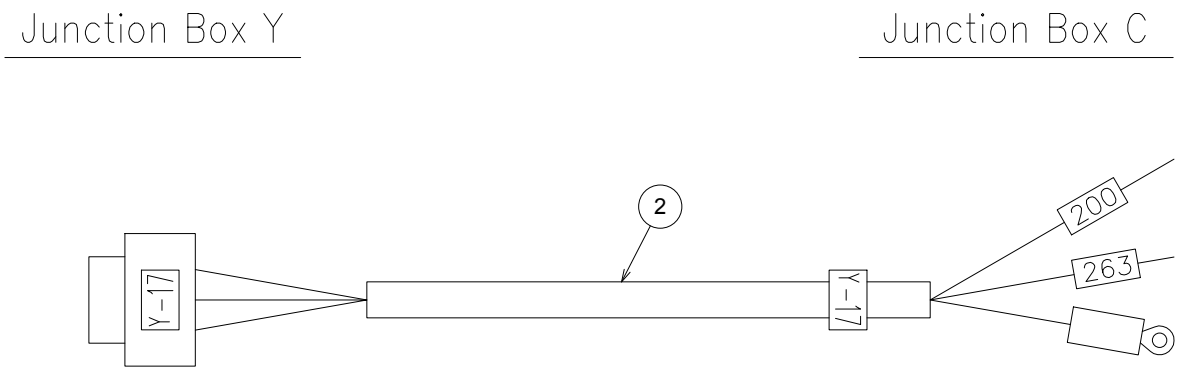


(1) Name Plate ASSY

3830149

Unit No. 537 Brush Table <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Name Plate ASSY		1
	3830149		Index 2	
2	74901396	Charging Mark	JISB6015-40H	1
	P360200002	JIS		

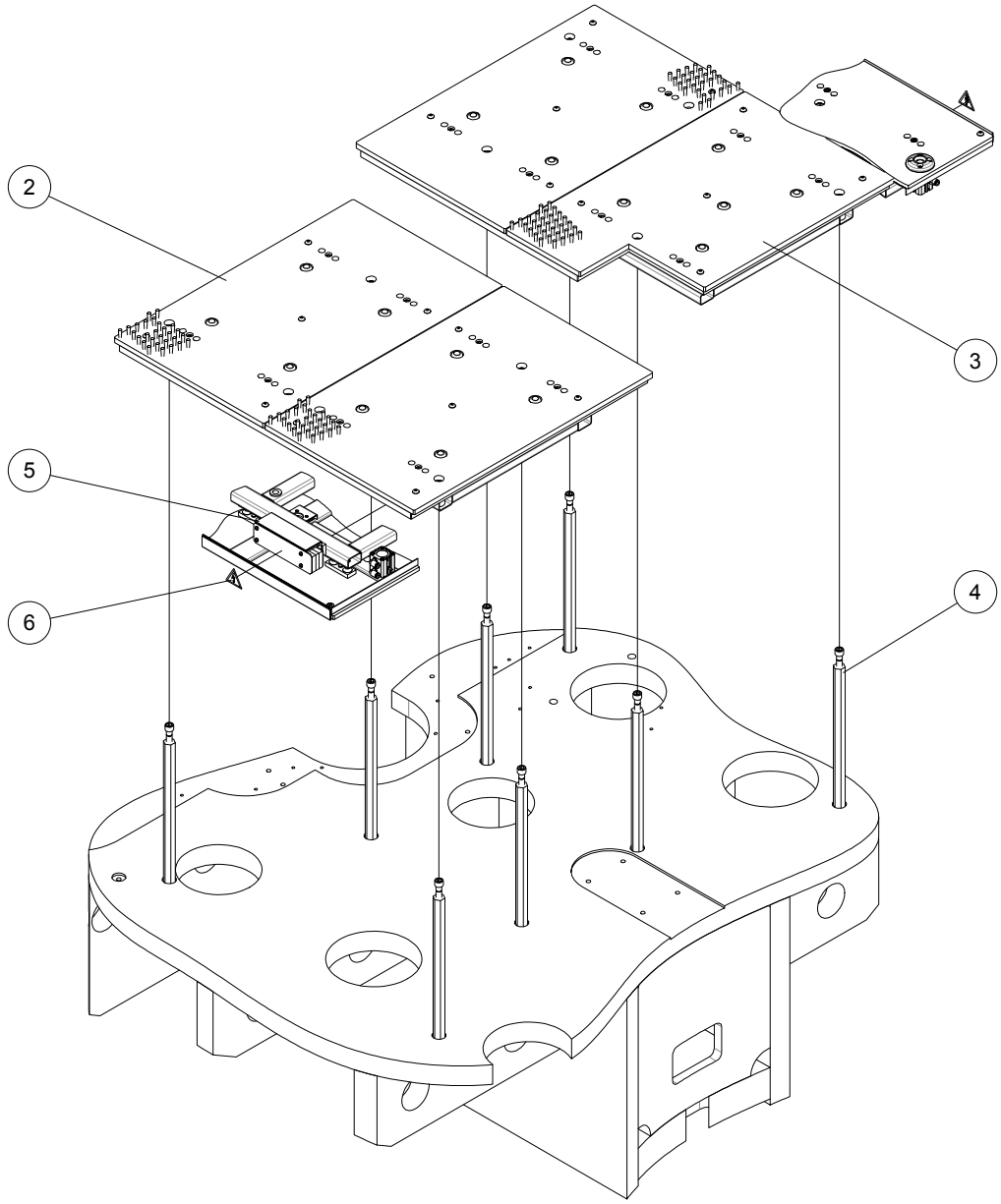


(1) Cable CTB ASSY

CE00881---

Unit No. 538 Brush Table <Cable CTB ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00881---	Cable CTB ASSY	Index 2	1
2	74901504 / MA01552--B	Cable Y-17		1

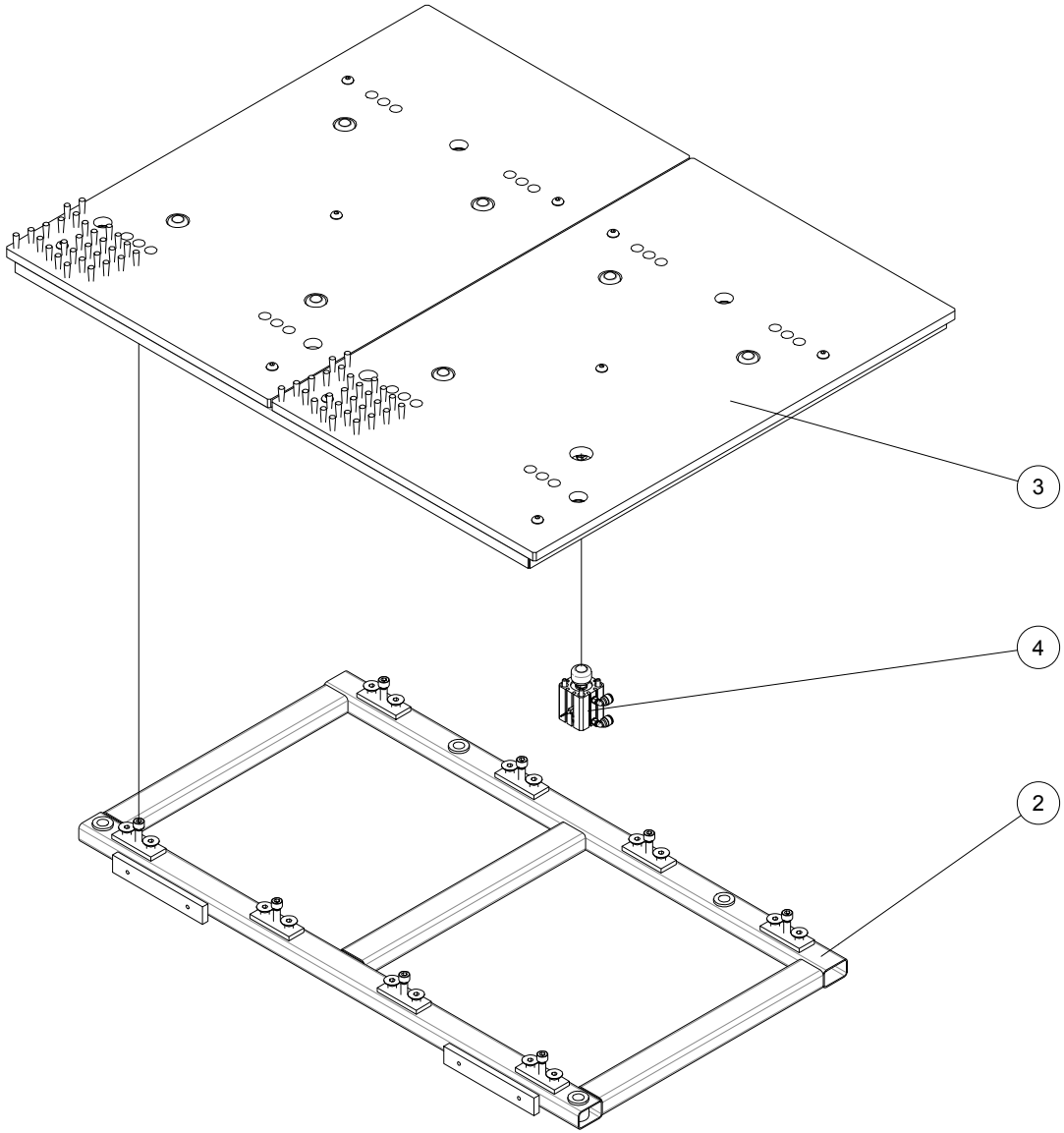


(1) Center Table RMP ASSY

CE01380---

Unit No. 539 Brush Table <Center Table RMP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01380---	Center Table RMP ASSY	Index 2-7	1
2	CE01381---	Center Table F ASSY		1
3	CE01382---	Center Table RMP ASSY		1
4	CE01383---	Center Table Installation Kit		1
5	MA00997---	Junction Box C ASSY		2
6	3830149	Name Plate ASSY		2
7	CE00882---	Cable RMP ASSY	List Only	1

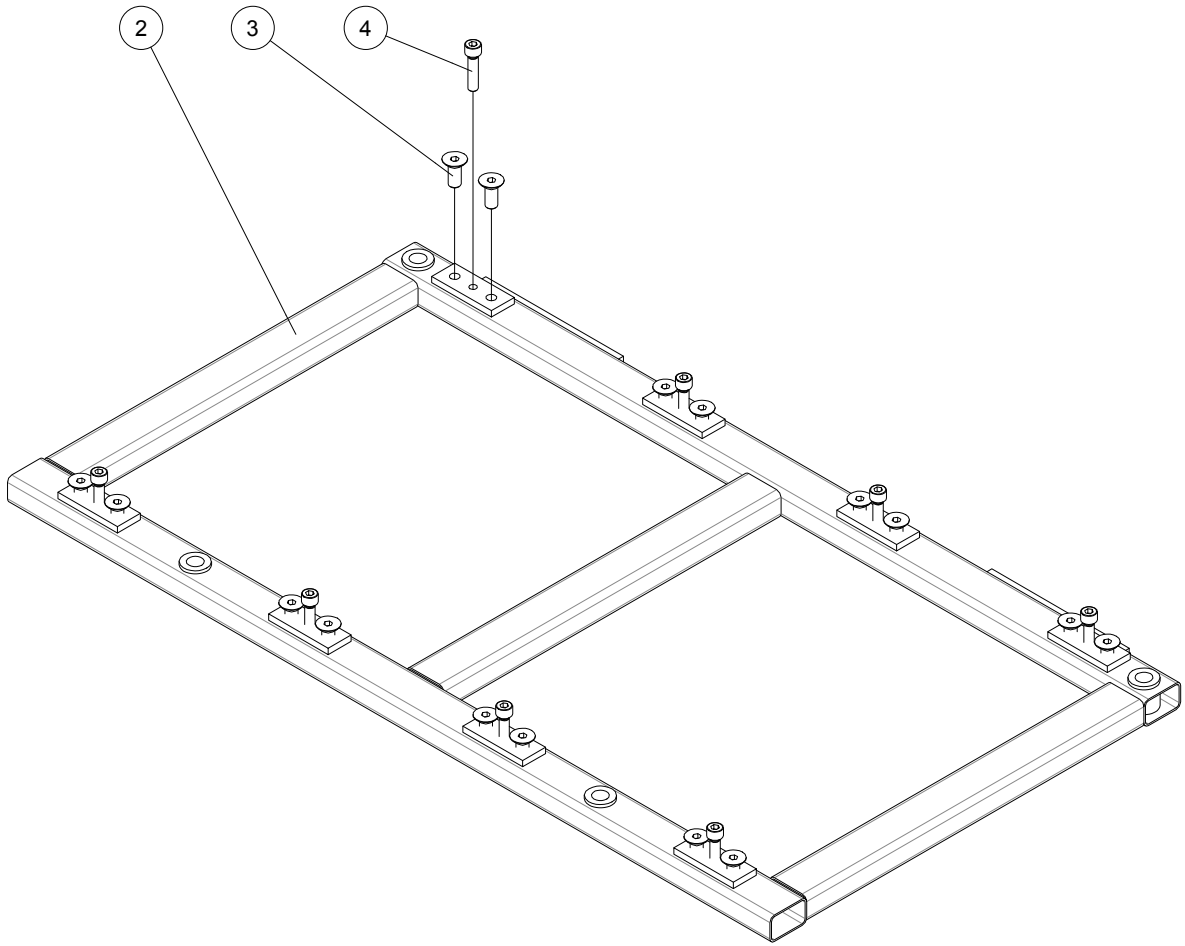


(1) Center Table F ASSY

CE01381---

Unit No. 540 Brush Table <Center Table F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01381---	Center Table F ASSY	Index 2-5	1
2	CE01385---	Center Table Base ASSY		1
3	CE01386---	Center Brush ASSY		1
4	CE00871---	Free-motion Bearing ASSY CTB		8
5	CE01392---	Center Table Piping Kit	List Only	1



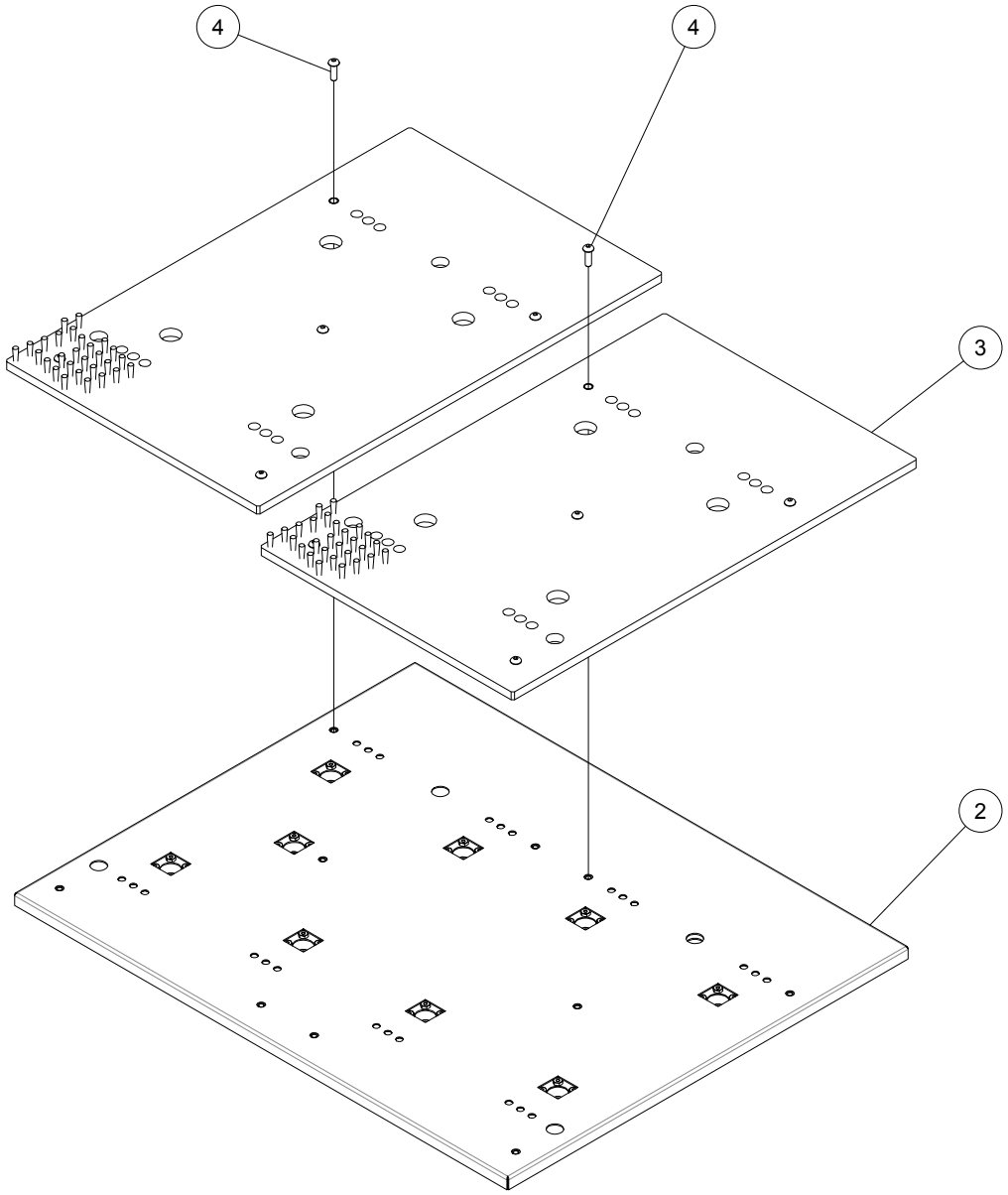
(1) Center Table Base ASSY

CE01385---

Unit No. 541 Brush Table <Center Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ CE01385---	Center Table Base ASSY /	/ Index 2-4	1
2	74401992 / CE01388---	Center Table Base /	/	1
3	74389628 / P334520009	Flat Head Bolt / NISSAN NEJI	M10X25 /	16
4	74183625 / P330230009	Hex Socket Cap Screw /	M8X35 /	8

Unit No. 542 Brush Table <Center Brush ASSY>

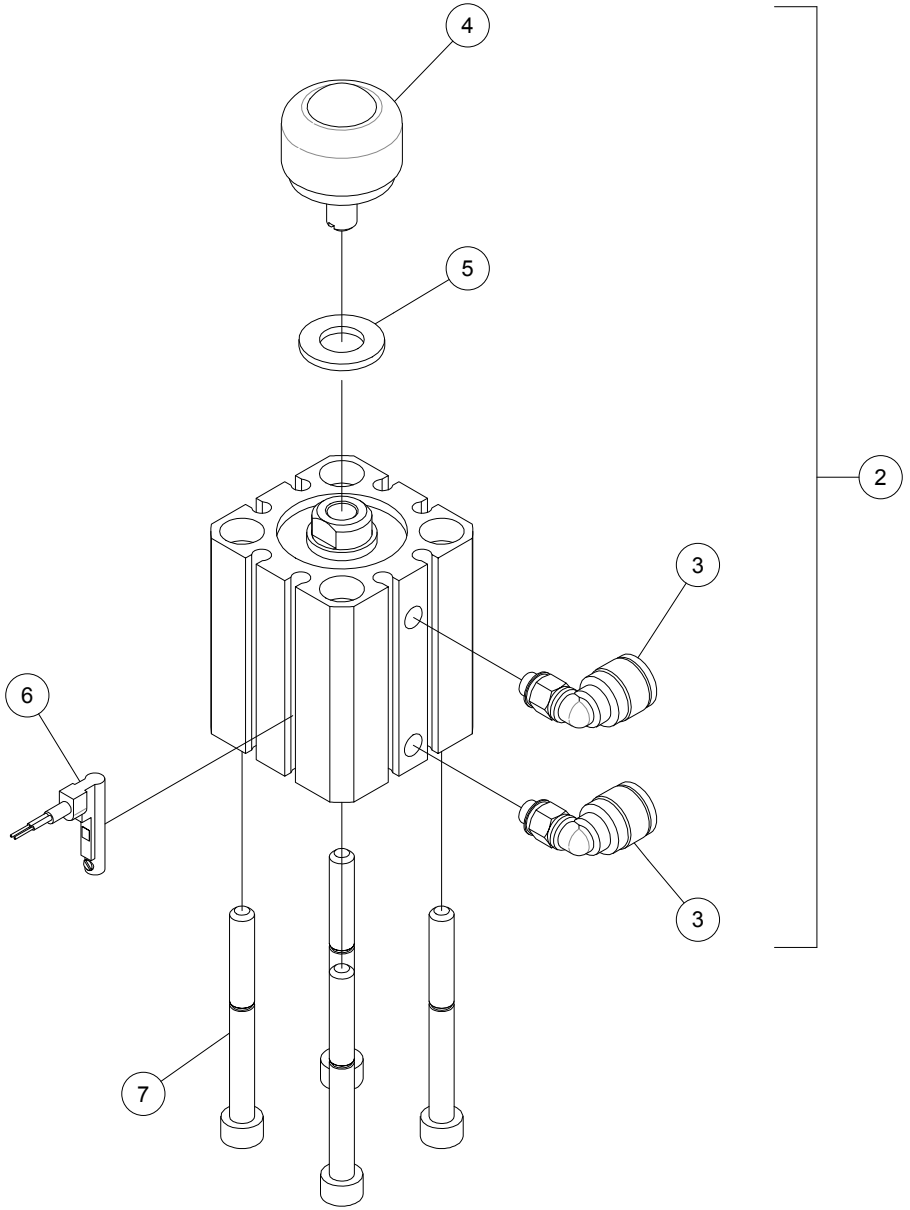


(1) Center Brush ASSY

CE01386---

Unit No. 542 Brush Table <Center Brush ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ CE01386---	Center Brush ASSY /	/ Index 2-4	1
2	74401993 / CE01389---	Center Brush Base /	/	1
3	74401994 / CE01390---	Brush C /	/	2
4	74722756 / P334500021	Button Head Screw /	M8X25 /	10

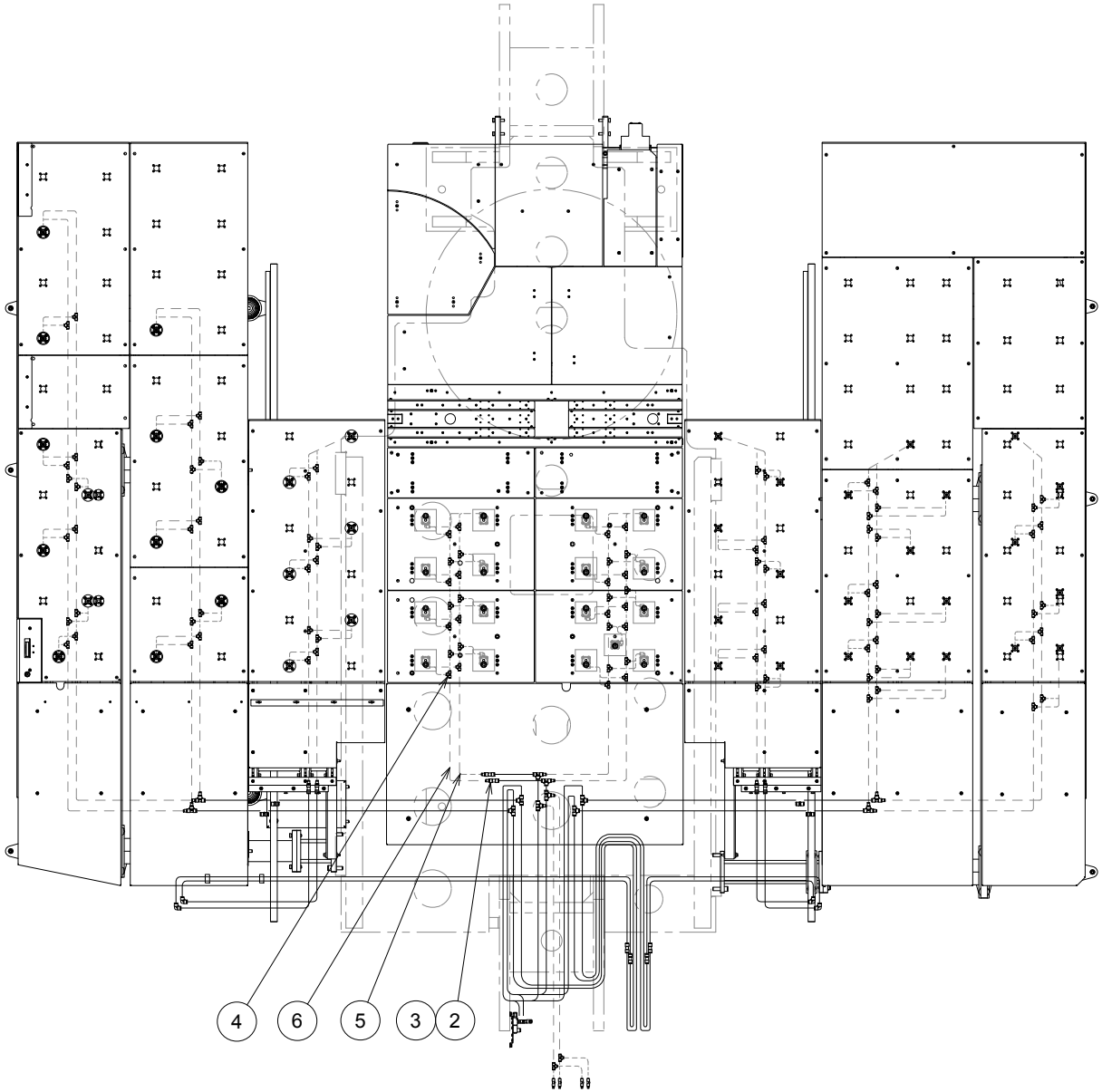


(1) Free Bear ASSY CTB

CE00871---

Unit No. 543 Brush Table <Free-motion Bearing ASSY CTB>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00871---	Free-motion Bearing ASSY CTB	Index 2-7	6
2	74400402 7831742---	Cylinder SMC	CDQSB25-15-DCP571AP Index 3-6	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 SPT0023---	PLANEVEYOR	PV20B-AM4	1
5	74613246 S420120---	Washer SMC	M8 (1.6t)	1
6	74901413 P829008096	Auto Switch SMC	D-A90VL	1
7	74304903 P330210015	Hex Socket Cap Screw	M5X50	4

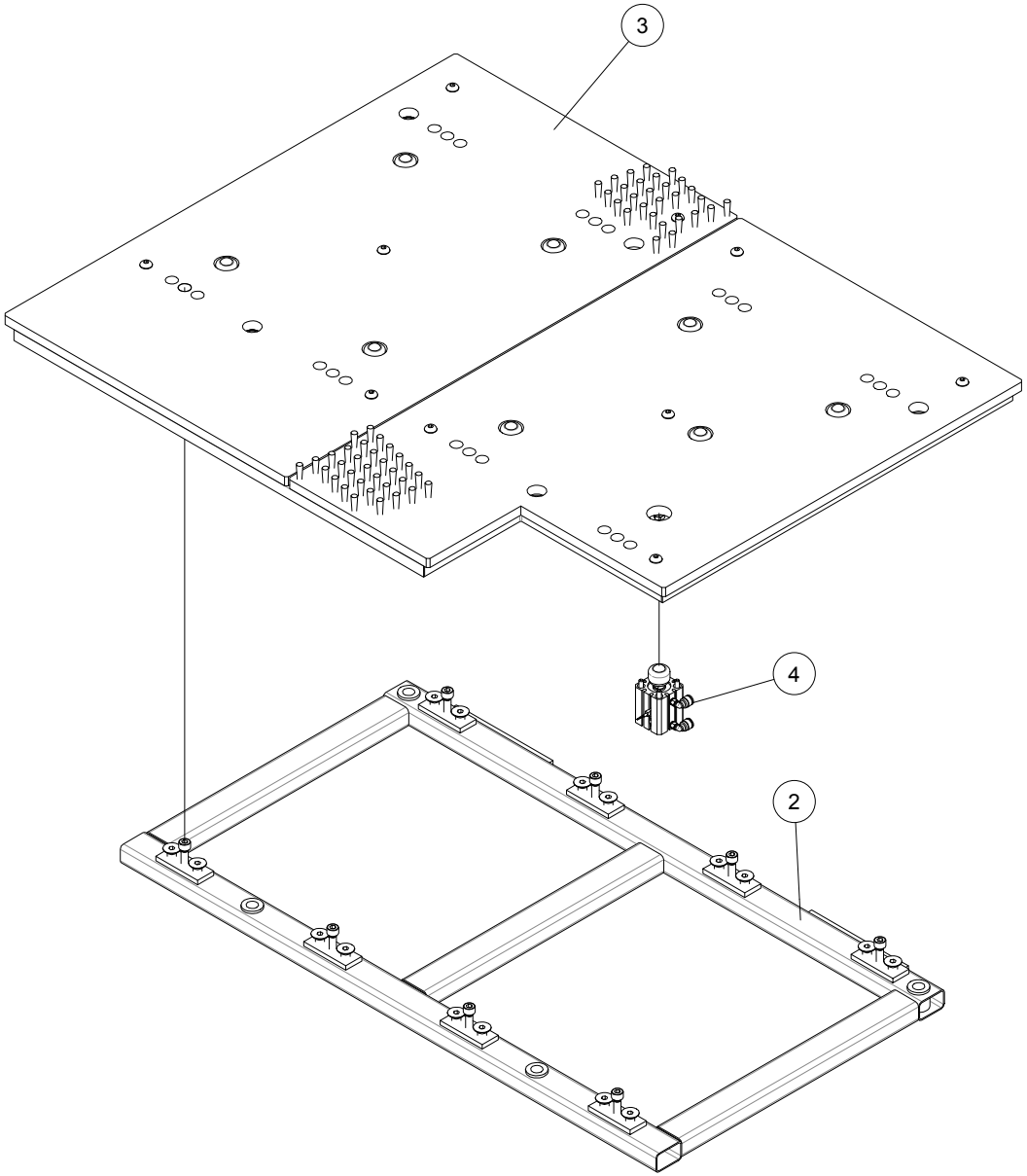


(1) Center Table Piping Kit

CE01392---
(CE02077---)

Unit No. 544 Brush Table <Center Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Center Table Piping Kit		1
	CE01392---		Index 2-6	
2	74382404	One Touch Fitting	EUC10	2
	P586604021	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	2
	P586654002	NITTA MOORE		
4	74338327	One Touch Fitting	EUT6	14
	P586604012	NITTA MOORE		
5	74569815	Plastic Hose	U2-4-6X4(Blue)-4M	1
	P230222231	NITTA MOORE		
6	74569814	Plastic Hose	U2-4-6X4(Red)-4M	1
	P230222274	NITTA MOORE		

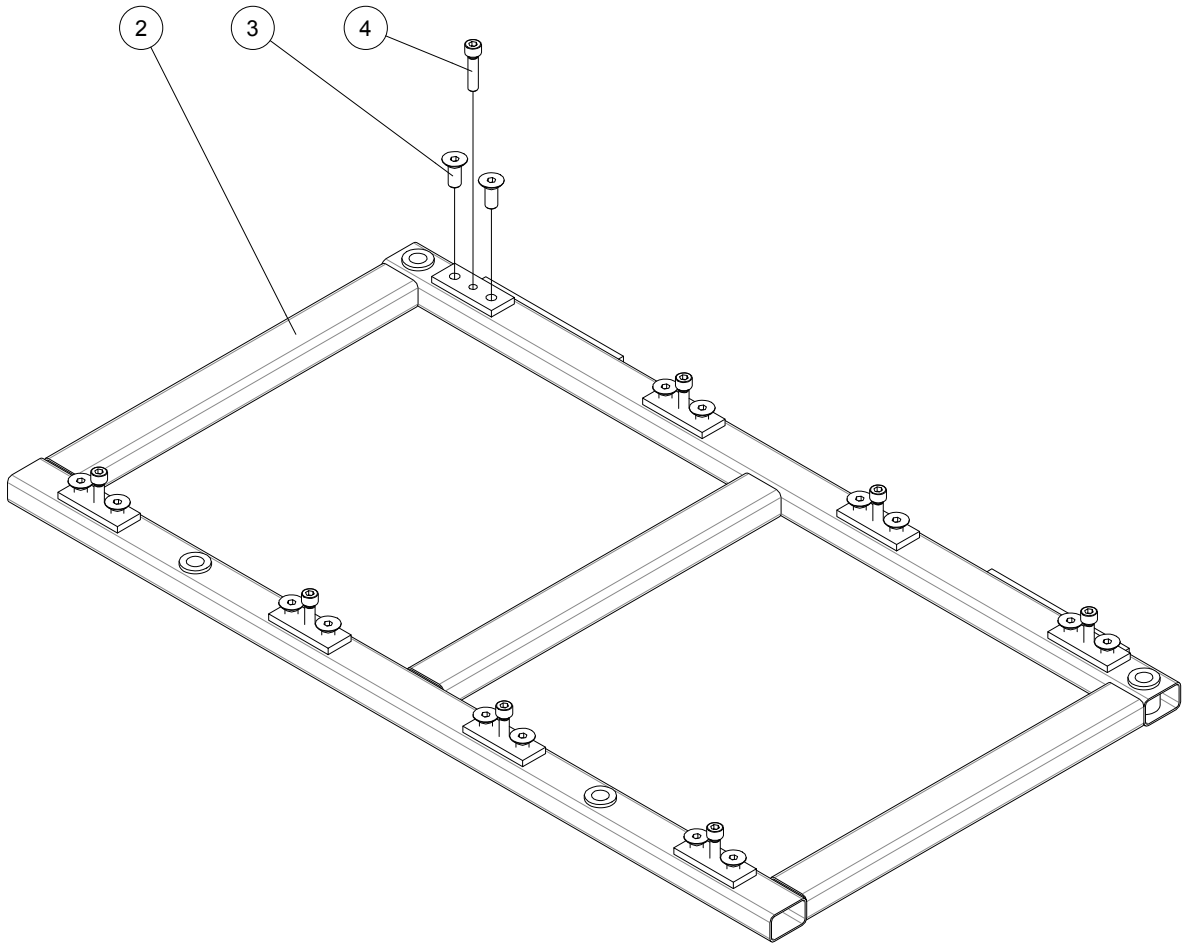


(1) Center Table RMP ASSY

CE01382---

Unit No. 545 Brush Table <Center Table RMP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01382---	Center Table RMP ASSY	Index 2-5	1
2	CE01385---	Center Table Base ASSY		1
3	CE01387---	Center Table Brush RMP ASSY		1
4	CE00871---	Free-motion Bearing ASSY CTB		9
5	CE01415---	Center Table RMP Piping Kit	List Only	1



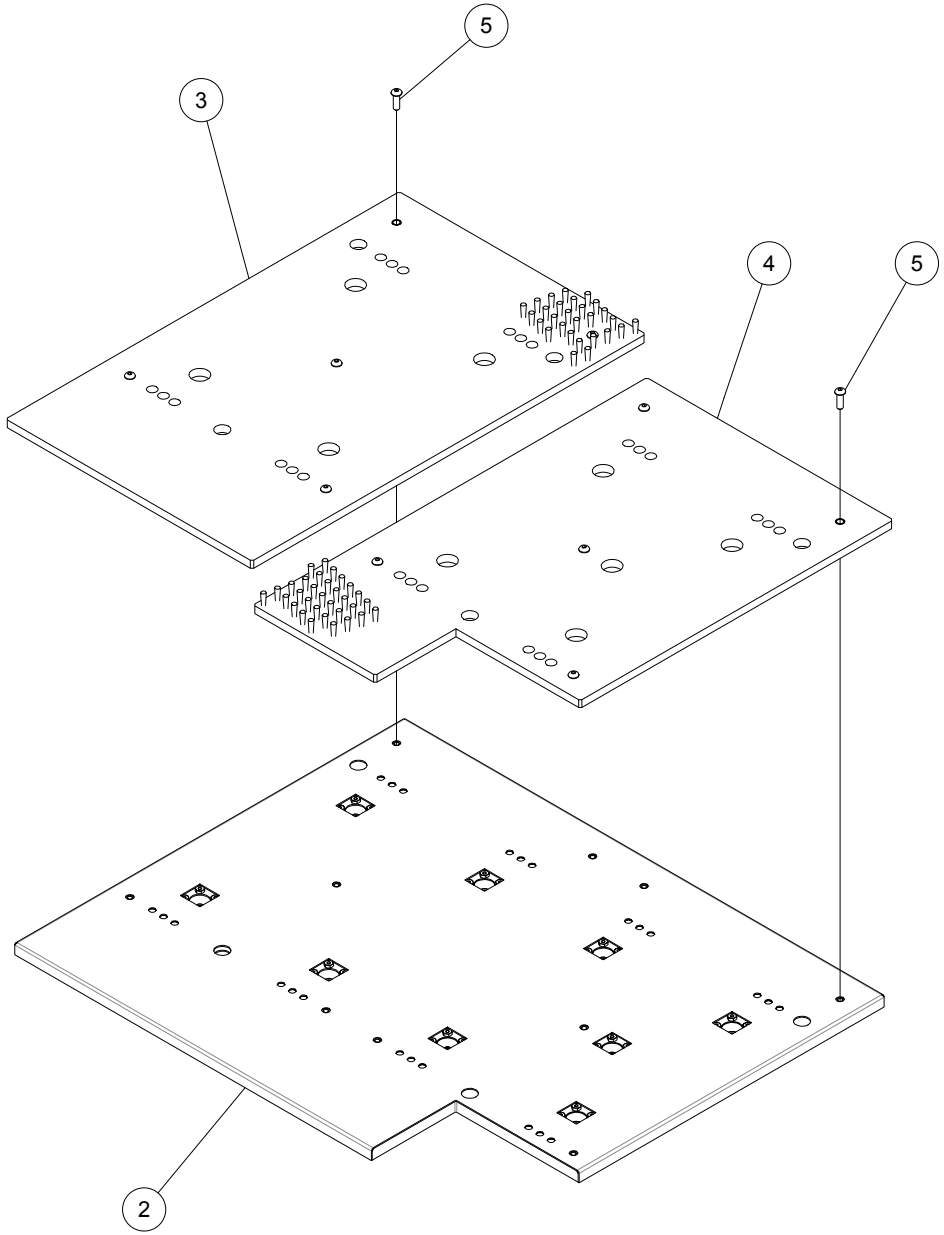
(1) Center Table Base ASSY

CE01385---

Unit No. 546 Brush Table <Center Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ CE01385---	Center Table Base ASSY /	/ Index 2-4	1
2	74401992 / CE01388---	Center Table Base /	/	1
3	74389628 / P334520009	Flat Head Bolt / NISSAN NEJI	M10X25 /	16
4	74183625 / P330230009	Hex Socket Cap Screw /	M8X35 /	8

Unit No. 547 Brush Table <Center Table Brush RMP ASSY>

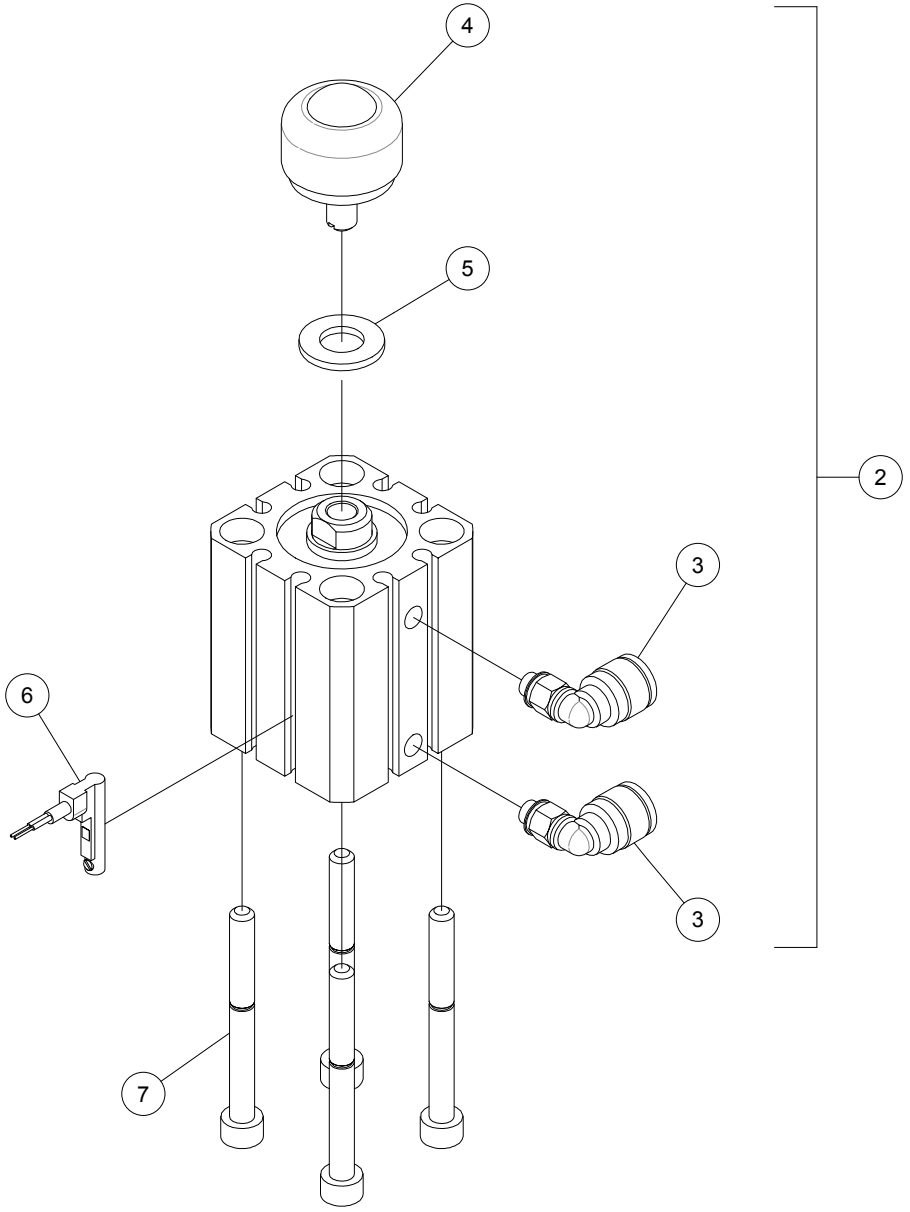


(1) Center Table Brush RMP ASSY

CE01387---

Unit No. 547 Brush Table <Center Table Brush RMP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01387---	Center Table Brush RMP ASSY	Index 2-5	1
2	74401995 / CE01393---	Center Brush Base RMP		1
3	74401994 / CE01390---	Brush C		1
4	74401996 / CE01391---	Brush C RMP		1
5	74722756 / P334500021	Button Head Screw	M8X25	10

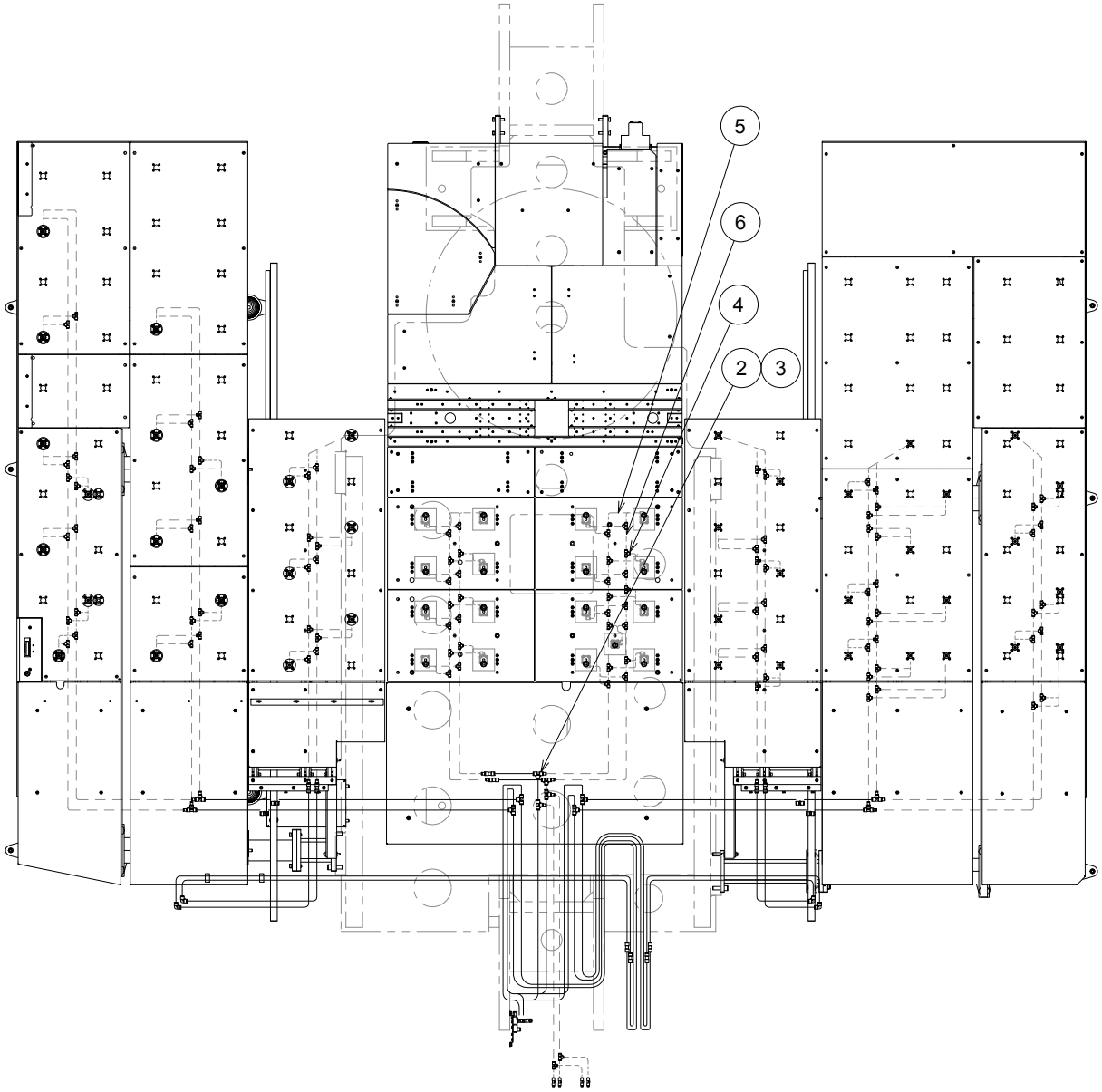


(1) Free Bear ASSY CTB

CE00871---

Unit No. 548 Brush Table <Free-motion Bearing ASSY CTB>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00871---	Free-motion Bearing ASSY CTB	Index 2-7	6
2	74400402 7831742---	Cylinder SMC	CDQSB25-15-DCP571AP Index 3-6	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 SPT0023---	PLANEVEYOR	PV20B-AM4	1
5	74613246 S420120---	Washer SMC	M8 (1.6t)	1
6	74901413 P829008096	Auto Switch SMC	D-A90VL	1
7	74304903 P330210015	Hex Socket Cap Screw	M5X50	4

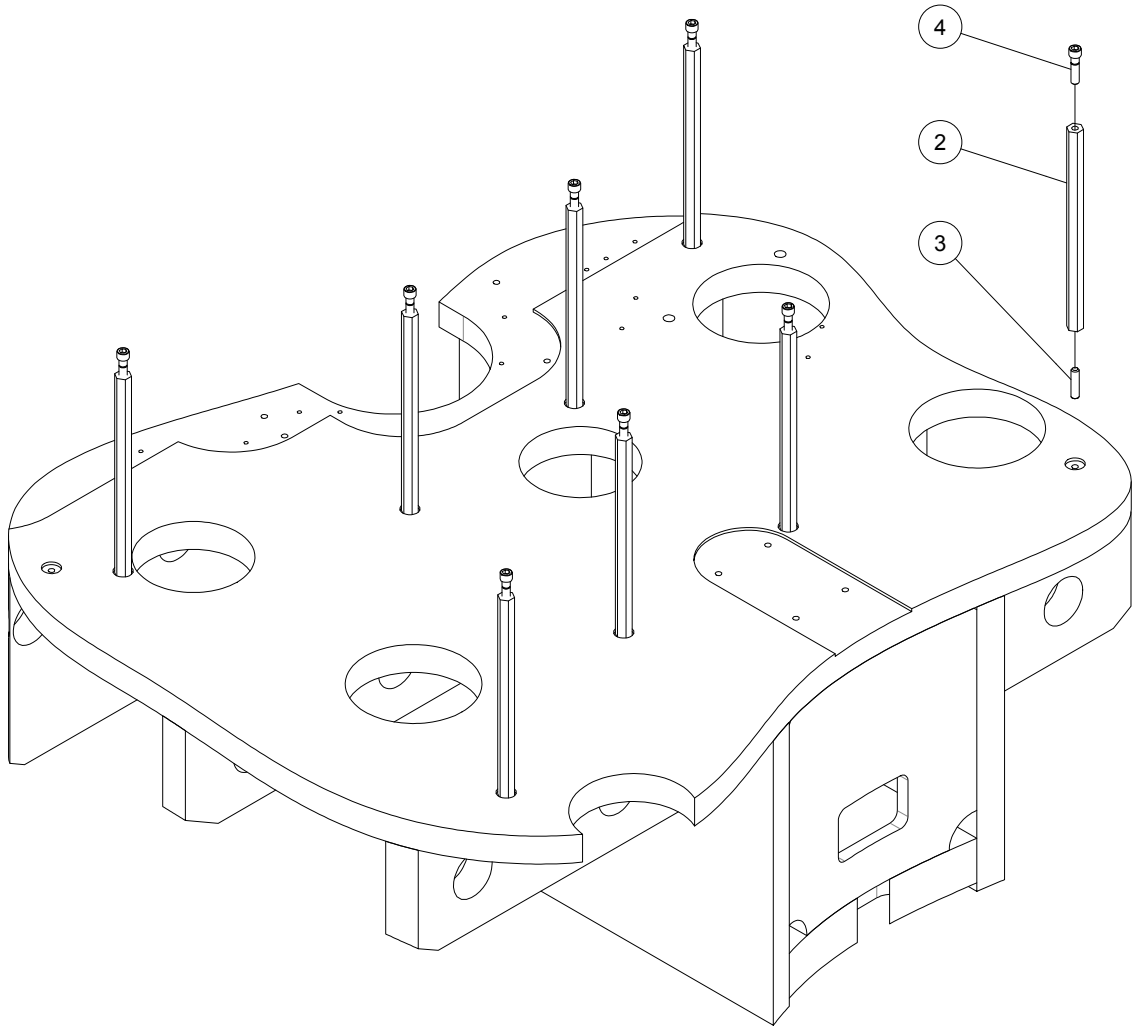


(1) Center Table RMP Piping Kit

CE01415---
(CE02077---)

Unit No. 549 Brush Table <Center Table RMP Piping Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE01415---	Center Table RMP Piping Kit	 Index 2-6	1
2	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
3	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	2
4	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	16
5	74569815 P230222231	Plastic Hose NITTA MOORE	U2-4-6X4(Blue)-4M	1
6	74569814 P230222274	Plastic Hose NITTA MOORE	U2-4-6X4(Red)-4M	1



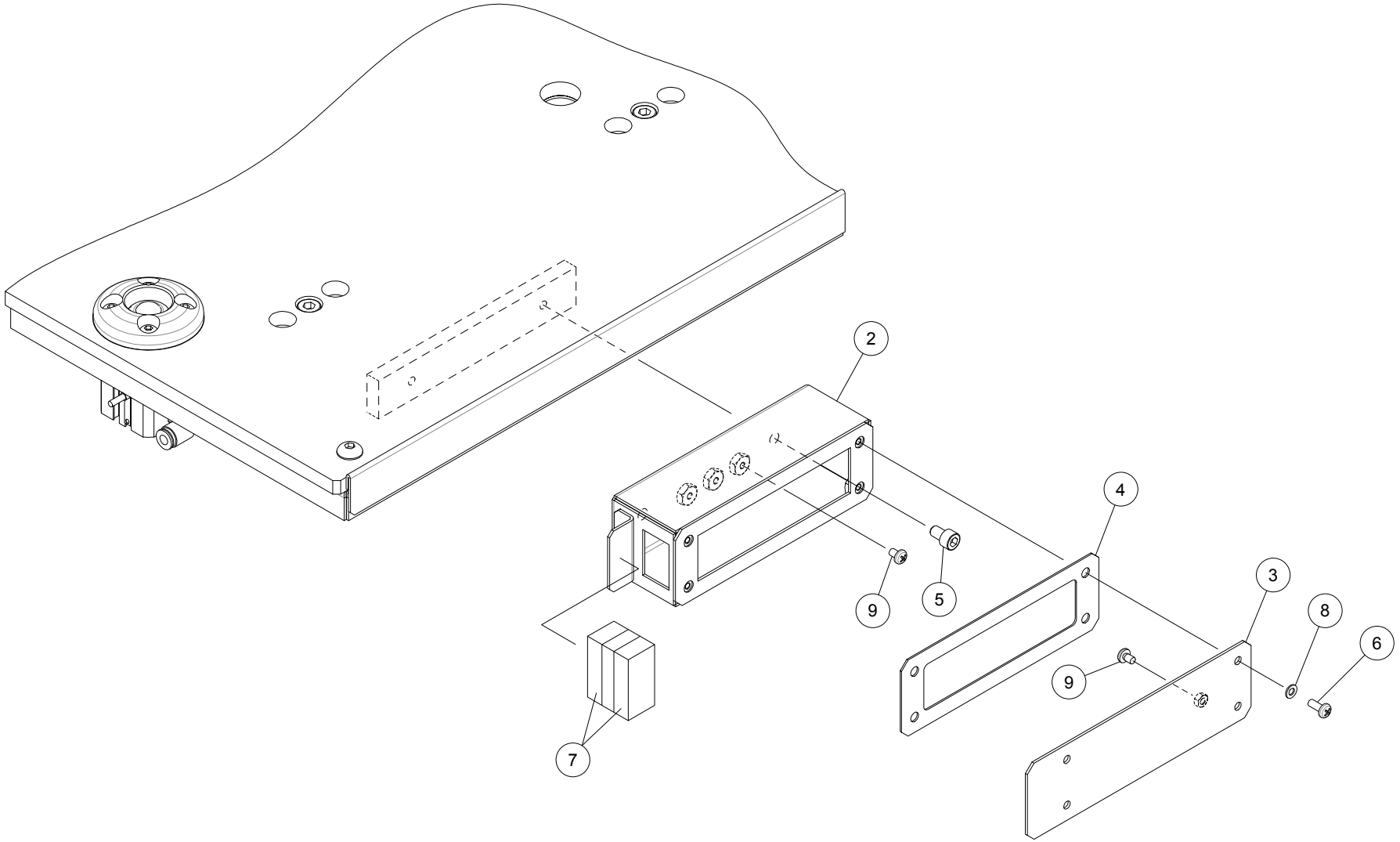
(1) Center Table Installation Kit

CE01383---

Unit No. 550 Brush Table <Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01383---	Center Table Installation Kit	Index 2-4	1
2	74901490 / MA01182---	Stud 356		8
3	74353707 / P330550066	Socket Set Screw / JIS	M12X50(Flat Point)	8
4	74183659 / P330250009	Hex Socket Cap Screw	M12X50	8

Unit No. 551 Brush Table <Junction Box C ASSY>

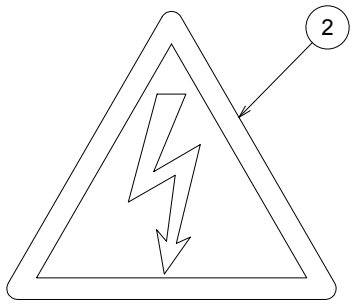


(1) Relay Box C ASSY

MA00997---

Unit No. 551 Brush Table <Junction Box C ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00997---	Relay Box C ASSY	Index 2-9	1
2	74901482 MA01131---	Junction Box C		1
3	74387026 6596076	Junction Box C Cover		1
4	74387027 6596077	Packing C		1
5	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
6	74305015 P334100018	Pan Head Screw JIS	M4X10	4
7	74387028 P230580064	Rubber Sponge	CR-T20X20X40	2
8	74183022 P336000003	Washer JIS	4(Small Round)	4
9	74183225 P334100016	Pan Head Screw JIS	M4X6	4



(1) Name Plate ASSY

3830149

Unit No. 552 Brush Table <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Name Plate ASSY		1
	3830149		Index 2	
2	74901396	Charging Mark	JISB6015-40H	1
	P360200002	JIS		

< List Only >

CE00882---

Unit No. 553 Brush Table <Cable RMP ASSY>

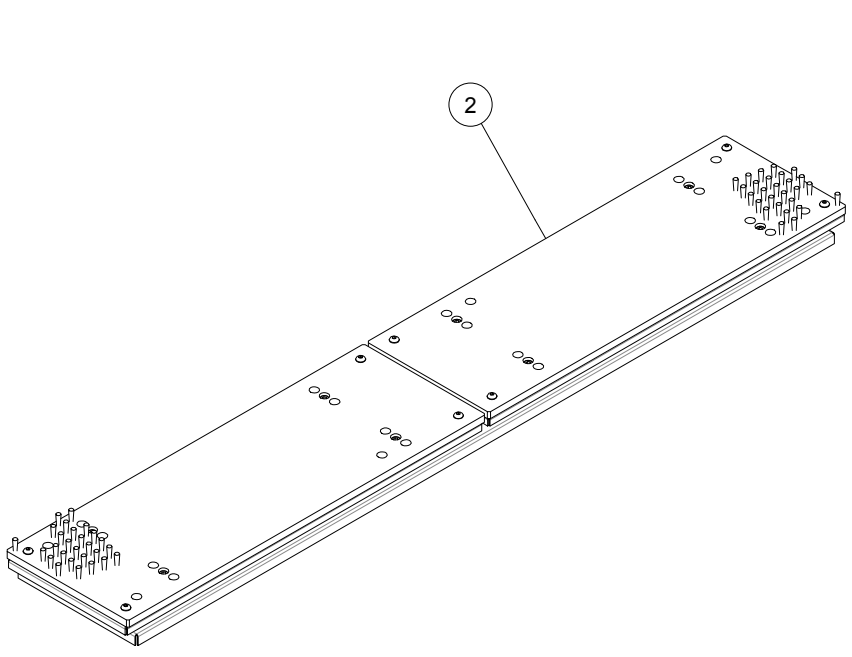
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00882---	Cable RMP ASSY	Index 23	1
2	74901504 MA01552--B	Cable Y-17		1
3	74400897 CE00884--A	Cable C-C		1

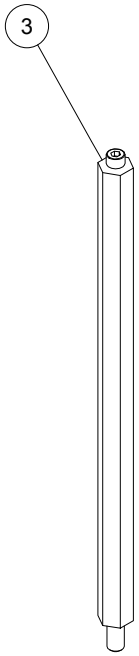
< List Only >

CE00844---

Unit No. 554 Brush Table <Cover Table Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE00844---	Cover Table Kit	 Index 2-9	1
2	74400409 CE00849---	Cover Table A		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
4	74901491 MA01183---	Cover Table B		1
5	74731349 P330460004	Flange Socket Bolt NISSAN NEJI	M12X35	2
6	74901492 MA01184---	Cover Table C		1
7	74183315 P334500019	Button Head Screw	M8X15	4
8	74401997 CE00868---	Cover Table D		1
9	74731349 P330460004	Flange Socket Bolt NISSAN NEJI	M12X35	2





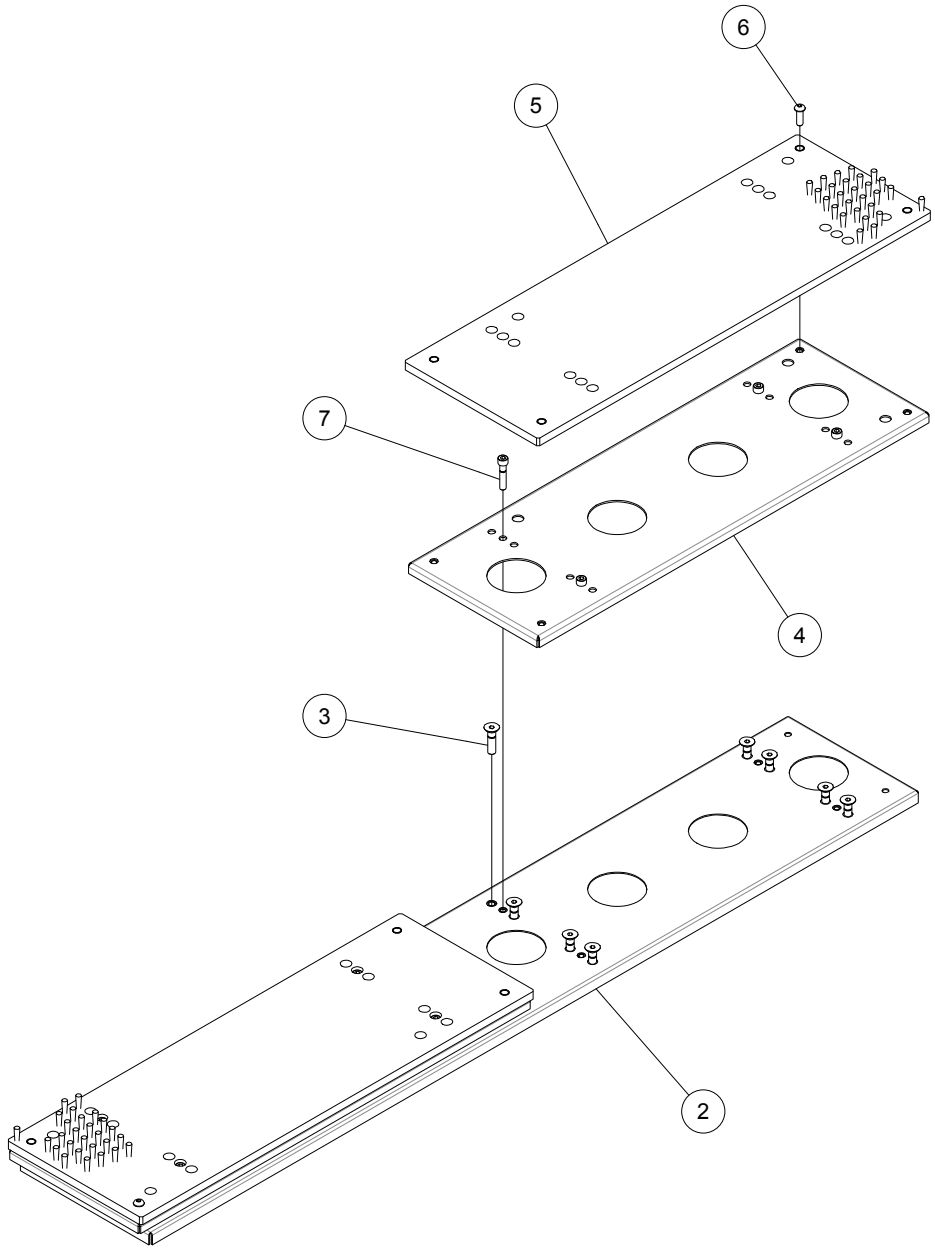
(1) CT Table ASSY

CE00855---

Unit No. 555 Brush Table <CT Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00855---	CT Table ASSY	Index 23	1
2	CE00856---	CT Table ASSY		1
3	CE00857---	CT Table Installation Kit		1

Unit No. 556 Brush Table <CT Table ASSY>

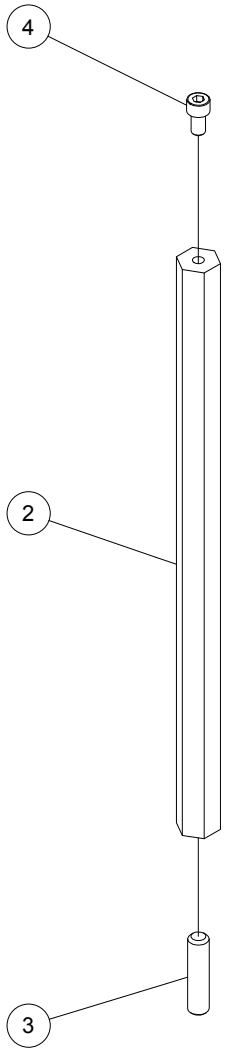


(1) CT Table ASSY

CE00856---

Unit No. 556 Brush Table <CT Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00856---	CT Table ASSY	Index 2-7	1
2	74400651 CE00858---	CT Table Base		1
3	74731655 P334520046	Flat Head Bolt NISSAN NEJI	M10X40	16
4	74400652 CE00859---	Brush Base CT		2
5	74400650 CE00860---	Brush CT		2
6	74722756 P334500021	Button Head Screw	M8X25	8
7	74183627 P330230010	Hex Socket Cap Screw	M8X40	8



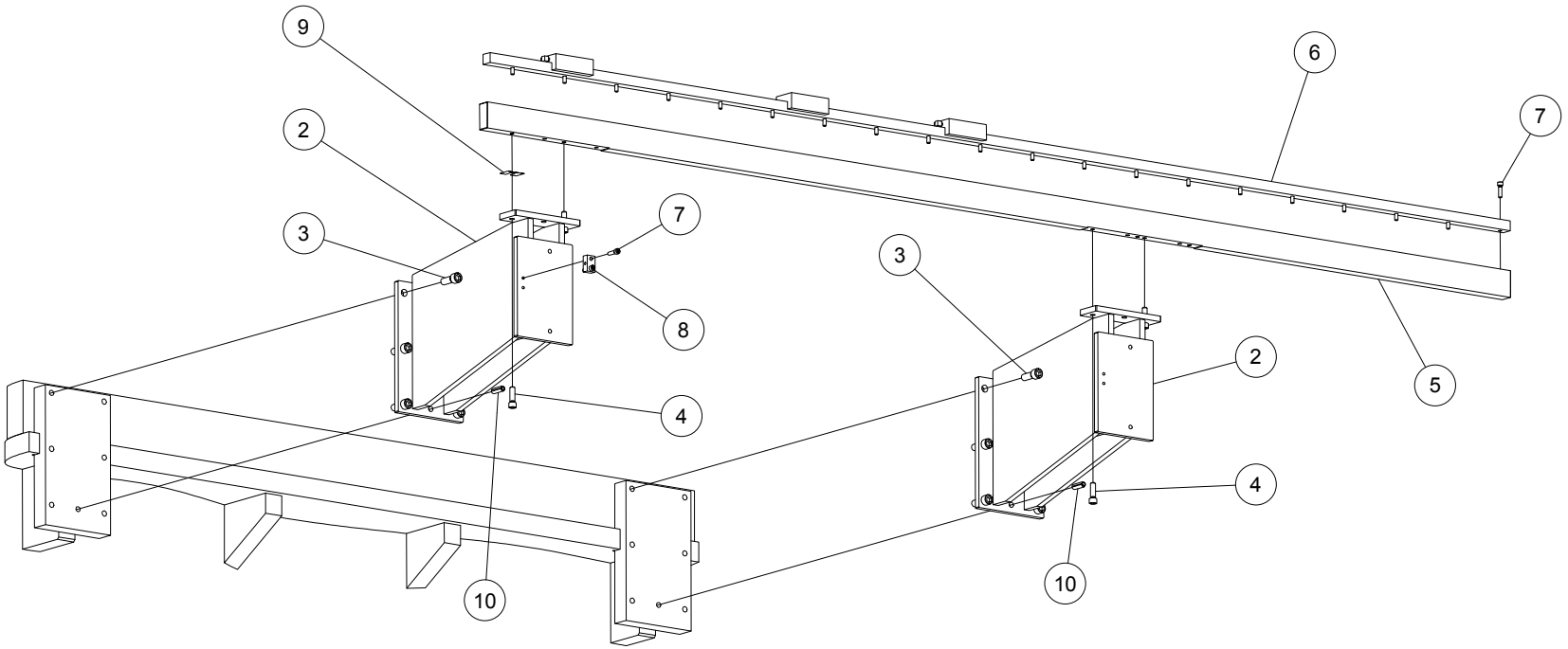
(1) CT Table Installation Kit

CE00857---

Unit No. 557 Brush Table <CT Table Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00857---	CT Table Installation Kit	Index 2-4	1
2	74901533 MA02489---	Stud 385		5
3	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	5
4	74183620 P330230004	Hex Socket Cap Screw	M8X15	5

Unit No. 558 Brush Table <Main Body Rear Table ASSY>

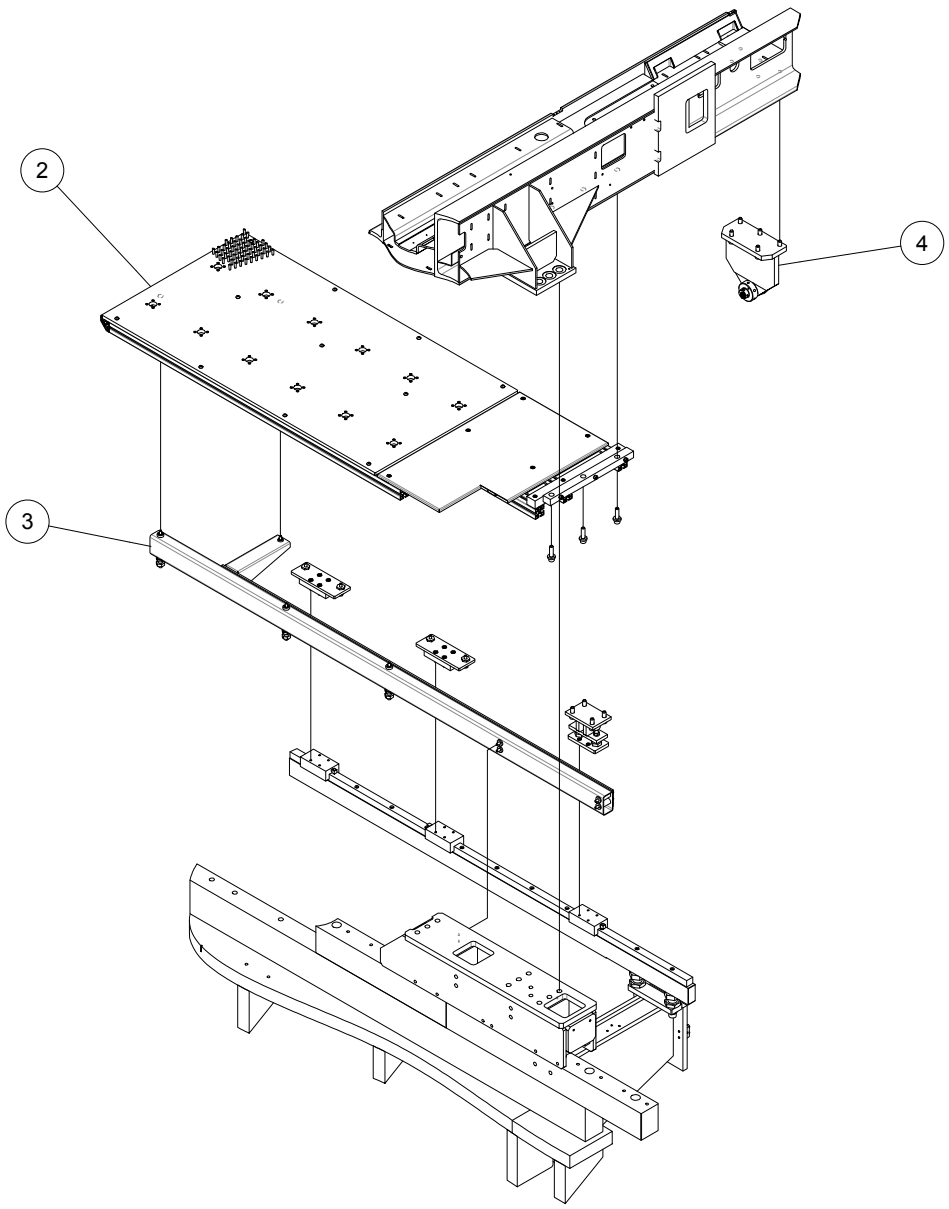


(1) Main Body Rear Table ASSY

CE02253--A

Unit No. 558 Brush Table <Main Body Rear Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02253---	Main Body Rear Table ASSY	Index 2-10	1
2	74401998 / CE02254---	Sub Guide Arm R		2
3	74716101 / P330260033	Hex Socket Cap Screw	M16X45	12
4	74183704 / P330250007	Hex Socket Cap Screw	M12X40	4
5	74401966 / CE02252---	LM Guide Rail		1
6	74400422 / 7831415---	LM Guide / NSK		1
7	74183624 / P330230008	Hex Socket Cap Screw	M8X30	22
8	74415463 / 6871143	Adjusting Block		1
9	74389207 / 6597275	Shim 1		1
10	74388357 / P337030132	Spring Pin / JIS	13X40AW	2

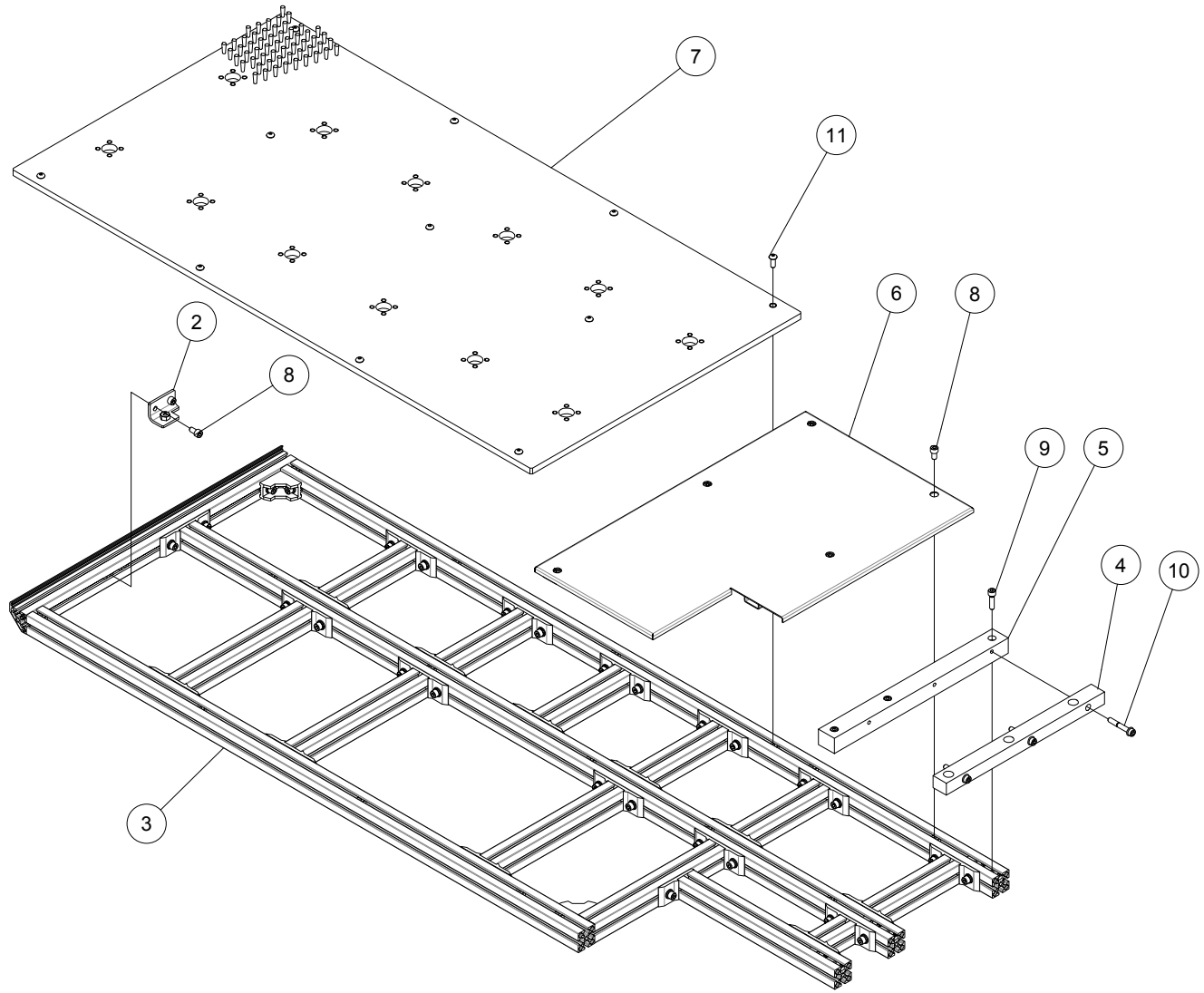


(1) Rear Movable Table ASSY

CE02081---

Unit No. 559 Brush Table <Rear Movable Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02081---	Rear Movable Table ASSY	Index 2-4	1
2	CE01606--A	R Movable Table Brush ASSY		1
3	CE02082---	R Movable Table Installation Kit		1
4	CE02053---	Support Roller ASSY		1

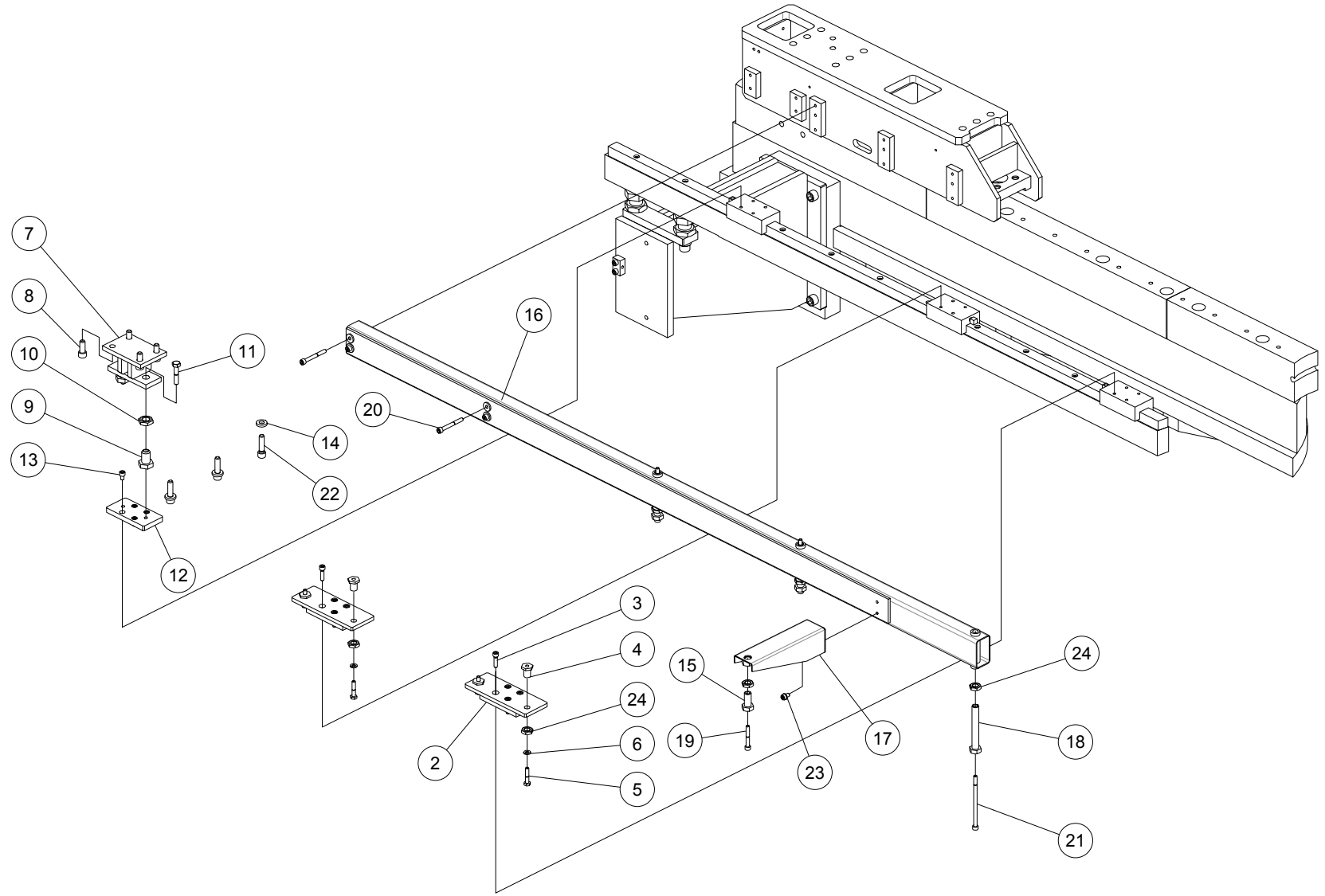


(1) R Movable Table Brush ASSY

CE01606--A

Unit No. 560 Brush Table <R Movable Table Brush ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01606--A	R Movable Table Brush ASSY	Index 2-11	1
2	74415467 6828651 A	Angle		1
3	74401999 7831419--A	Movable Table R		1
4	74400356 CE00814---	Table Spacer 1		1
5	74400357 CE00815---	Table Spacer 2		1
6	74400426 CE01610---	Cover Table S R		1
7	74400359 CE00820---	MDF Brush I-1		1
8	74183620 P330230004	Hex Socket Cap Screw	M8X15	7
9	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
10	74417391 P330468024	Flange Socket Bolt NISSAN NEJI	M8X50	3
11	74183316 P334500020	Button Head Screw	M8X20	11



(1) R Movable Table Installation Kit

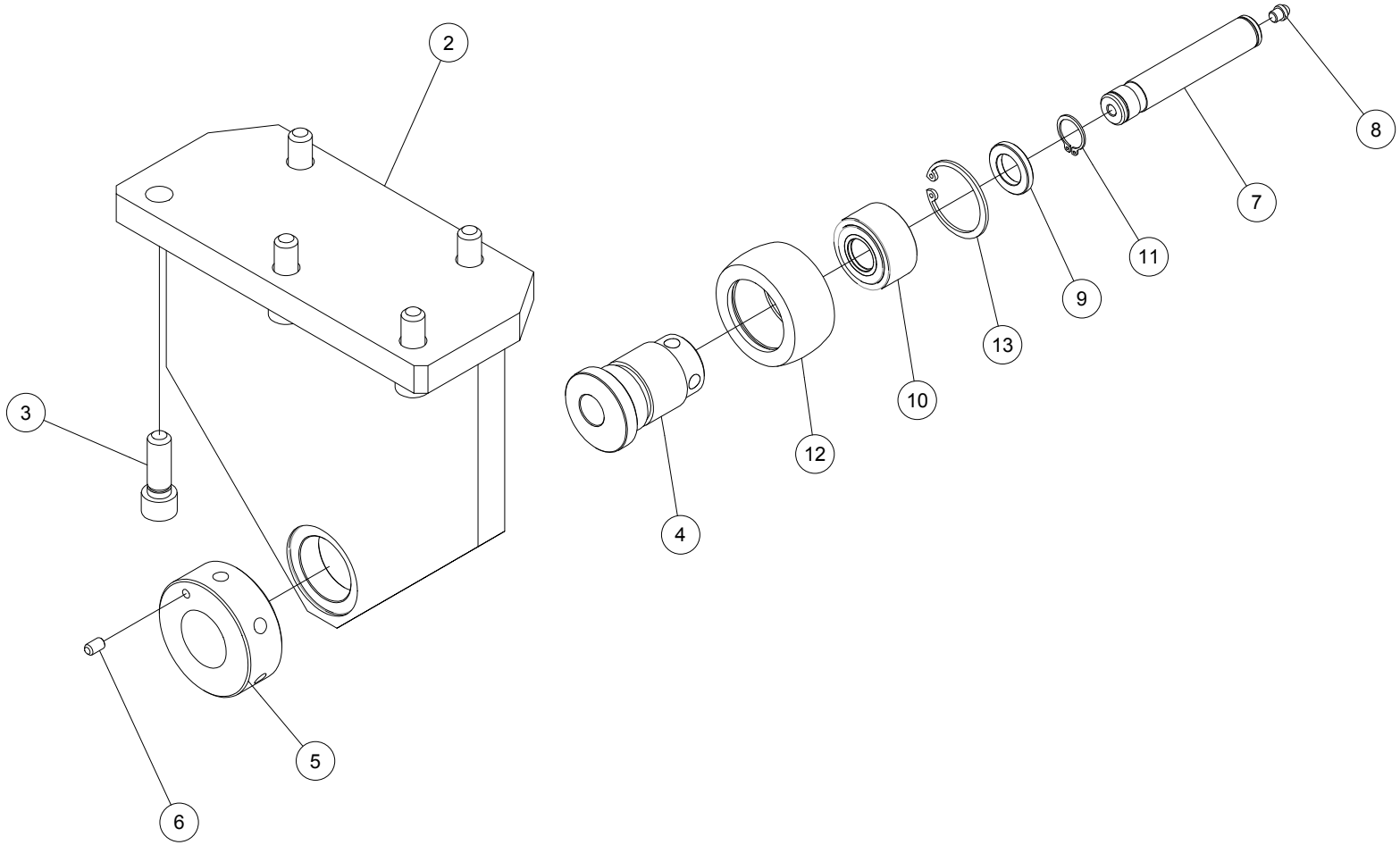
CE02082---

Unit No. 561 Brush Table <R Movable Table Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02082---	R Movable Table Installation Kit	Index 2-24	1
2	74400427 CE01870---	LM Support R		2
3	74183624 P330230008	Hex Socket Cap Screw	M8X30	8
4	74417367 6871174	Adjust Bolt M16		4
5	79316335 P330030011	Bolt	M8X40	4
6	74183027 P336000006	Washer JIS	8(Normal)	4
7	74401970 CE01868--A	Movable Table Bracket		1
8	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
9	74417369 6871176	Adjust Bolt M20		2
10	74901389 P332000023	Nut JIS	M20(Thin)	2
11	74901387 P330040010	Bolt	M10X50	2
12	74417392 6871177	LM Plate	F65X12	1

Unit No. 561 Brush Table <R Movable Table Installation Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	4
14	74165310 0827014 B	Washer M12		3
15	74450197 6892765	Adjust Bolt S M16		1
16	74402000 CE01609---	Table Guide R		1
17	74400366 CE00813---	Table Bracket I		1
18	74901528 MA02467---	Adjust Bolt 112.5	M16X130(Continuous Thread)	3
19	74300561 P330230013	Hex Socket Cap Screw	M8X55	1
20	74183632 P330230016	Hex Socket Cap Screw	M8X70	4
21	74901388 P330230028	Hex Socket Cap Screw MOURI	M8X135	3
22	74183658 P330250008	Hex Socket Cap Screw	M12X45	3
23	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	2
24	74183215 P332000022	Nut JIS	M16(Thin)	8



(1) Support Roller ASSY

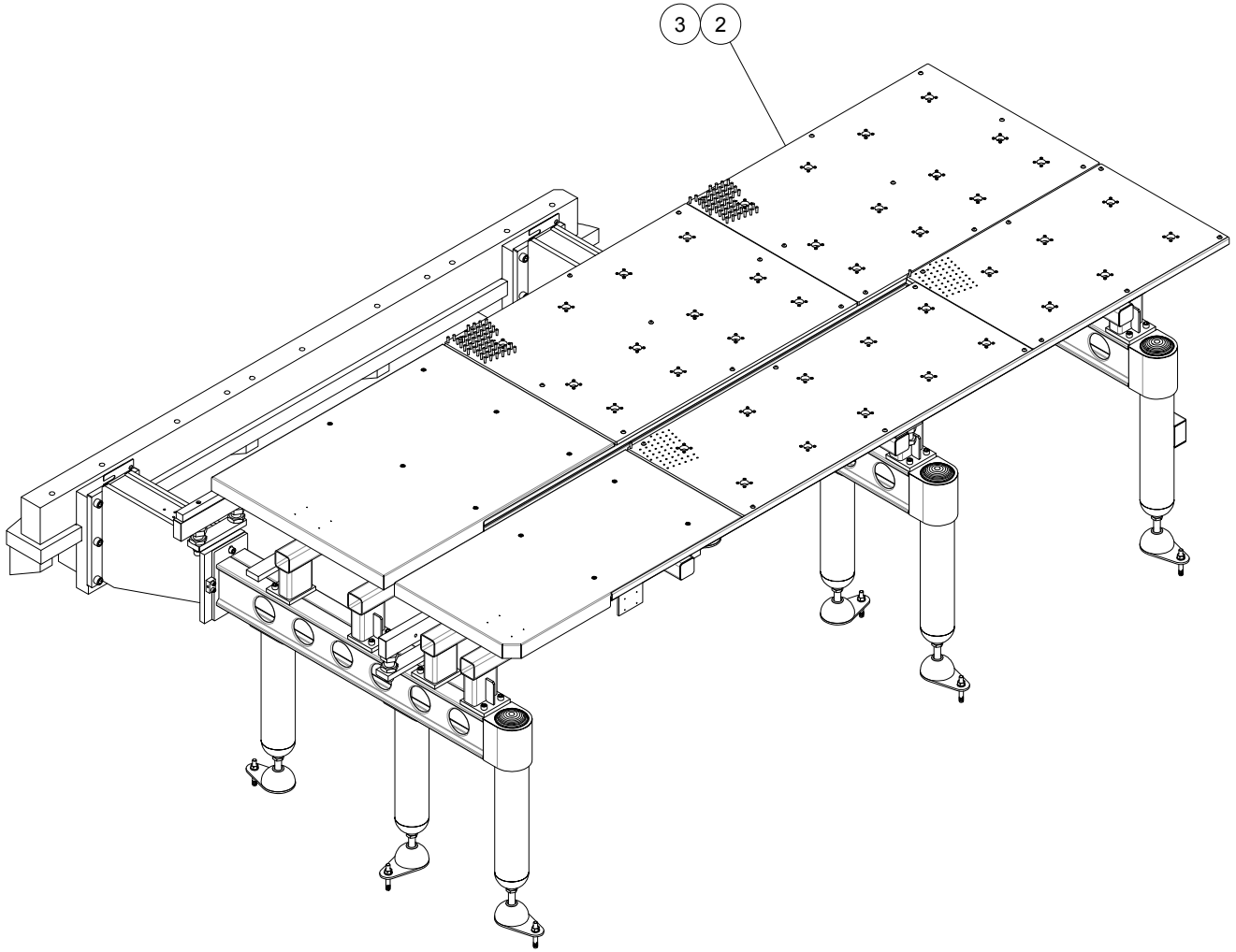
CE02053---

Unit No. 562 Brush Table <Support Roller ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02053---	Support Roller ASSY	Index 2-13	1
2	74401972 CE02054---	Support Roller Bracket		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	5
4	74304743 0823190 A	Eccentric Bolt		1
5	74304419 823047	Nut		1
6	74183125 P330550026	Socket Set Screw JIS	M6X10(Flat Point)	2
7	74011518 0823191 B	Roller Pin		1
8	74577669 P560608004	Grease Nipple THK	NP6X5	1
9	74011091 0823189 B	Spacer		2
10	74568566 P409112059	Roller Follower THK & others	NART17R	1
11	74159525 P406108040	Locating Snap Ring OCHIAI	STW-17	2
12	74161131 0823188 A	Roller Cushion		1

Unit No. 562 Brush Table <Support Roller ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74159529	Locating Snap Ring	RTW-40	1
	P406108013	OCHIAI		

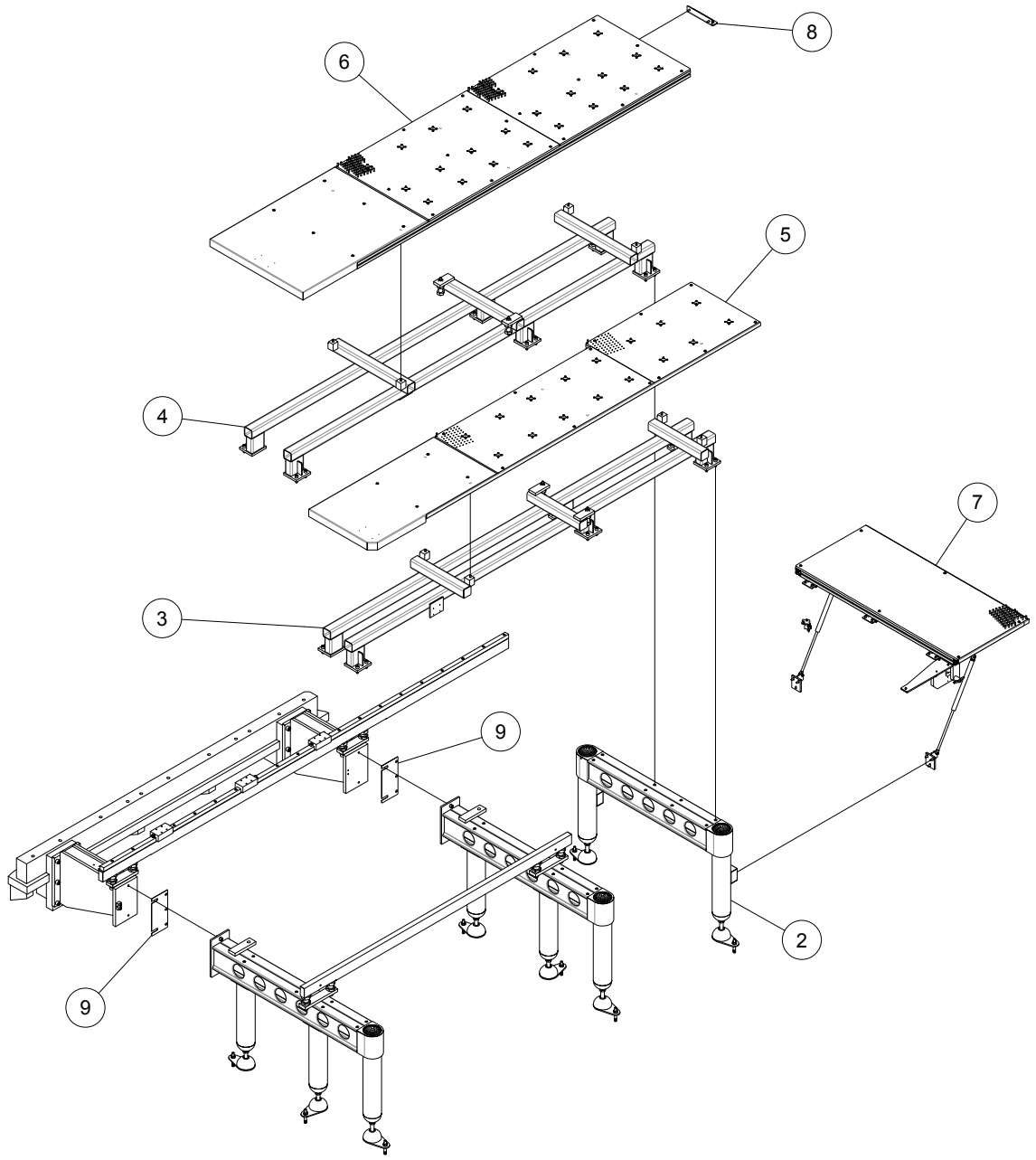


(1) R Stationary Table M J

CE02083---

Unit No. 563 Brush Table <R Stationary Table M J>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02083---	R Stationary Table M J	Index 23	1
2	CE02087---	R Stationary Table ASSY		1
3	CE01993---	R Stationary Table P Name Plate Kit J		1

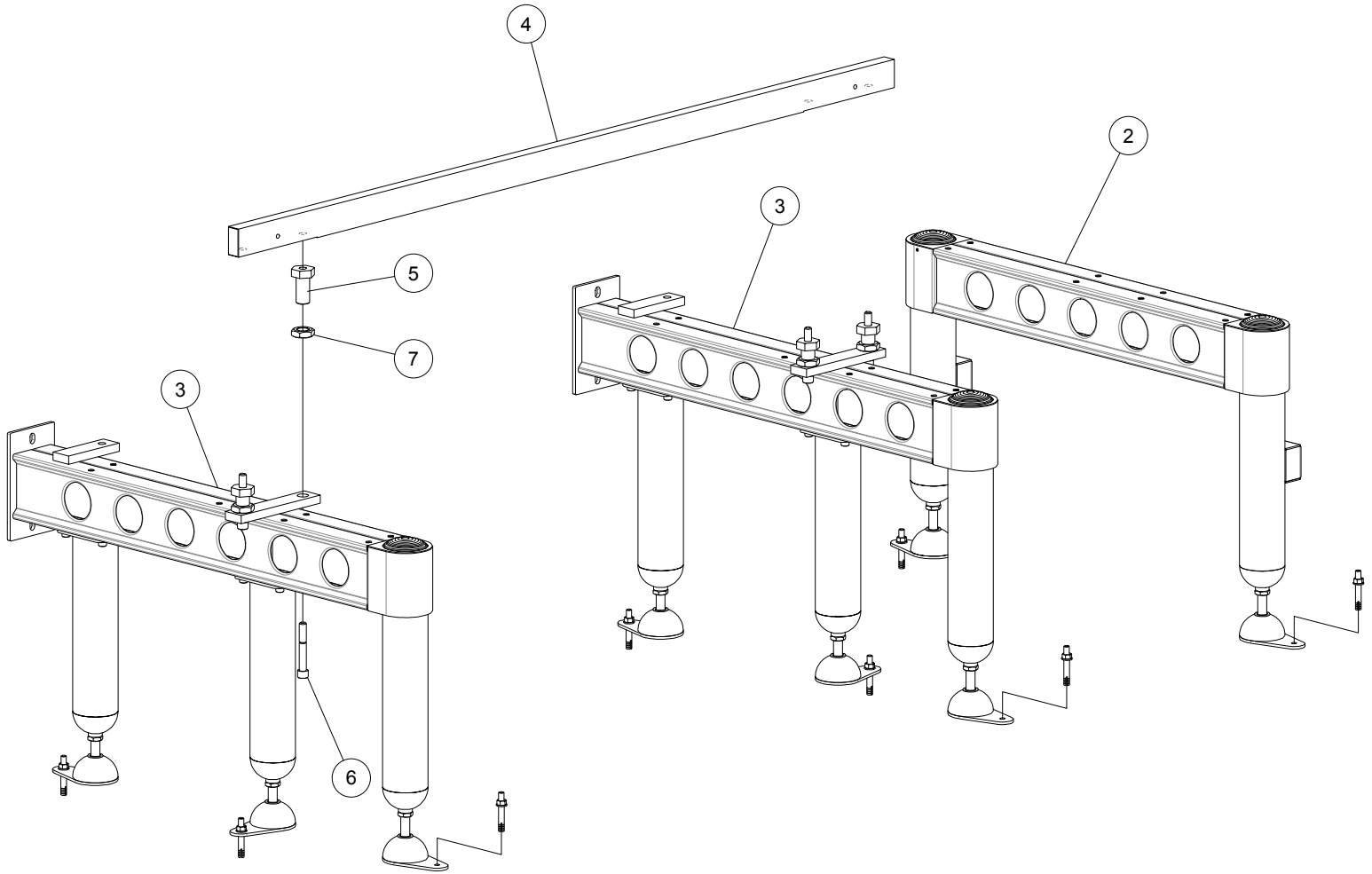


(1) R Stationary Table ASSY

CE02087---

Unit No. 564 Brush Table <R Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02087---	R Stationary Table ASSY	Index 2-9	1
2	CE02088---	R Stationary Table Base ASSY		1
3	CE02092---	R Stationary Table Frame A ASSY		1
4	CE02038---	R Stationary Table Frame B ASSY		1
5	CE02094---	R Stationary Brush A ASSY		1
6	CE01566--A	R Stationary Brush B ASSY		1
7	CE02097---	Open and Shut Table ASSY		1
8	CE01978---	Shipping ASSY		1
9	CE01979---	Locating Kit		2



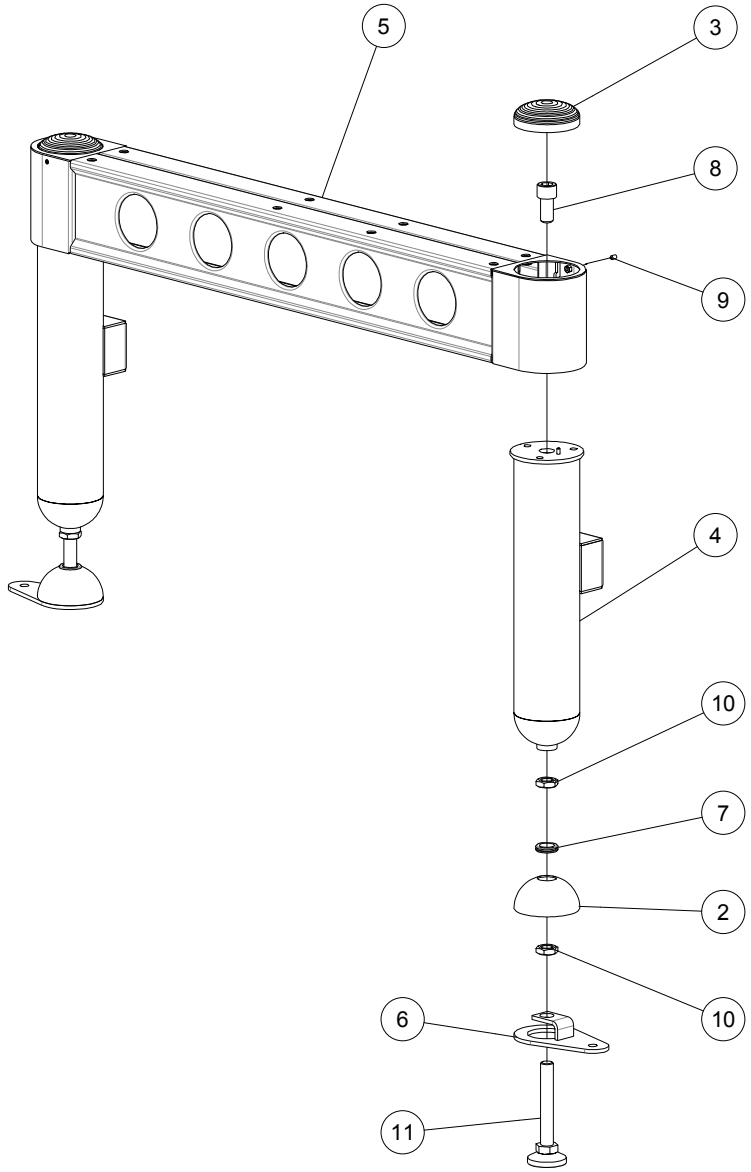
(1) R Stationary Table Base ASSY

CE02088---

Unit No. 565 Brush Table <R Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02088---	R Stationary Table Base ASSY	Index 2-8	1
2	CE02089---	Side Table Support R ASSY		1
3	CE02090---	Side Table Base R ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74183663 P330260034	Hex Socket Cap Screw	M16X50 List Only	2

Unit No. 566 Brush Table <Side Table Support R ASSY>

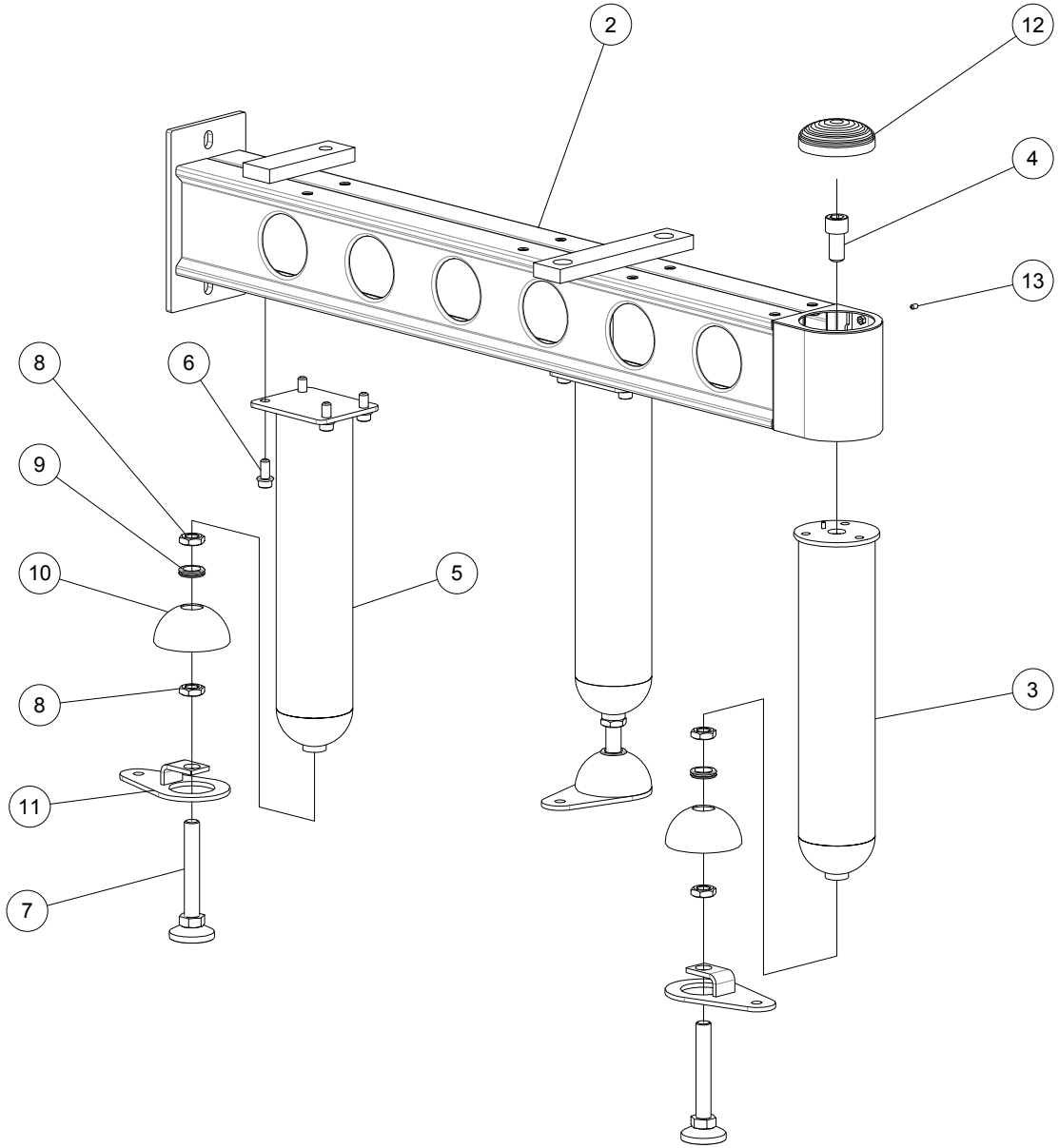


(1) Side Table Support R ASSY

CE02089---

Unit No. 566 Brush Table <Side Table Support R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02089---	Side Table Support R ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74402001 CE01892---	Support Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable	C-30-NG-79-Q TAKIGEN	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw	M6X10(Cup Point) JIS	2
10	74901389 P332000023	Nut	M20(Thin) JIS	4
11	74400373 P384022017	Level Adjuster	KC-275-B-2 TAKIGEN	2



(1) Side Table Base R ASSY

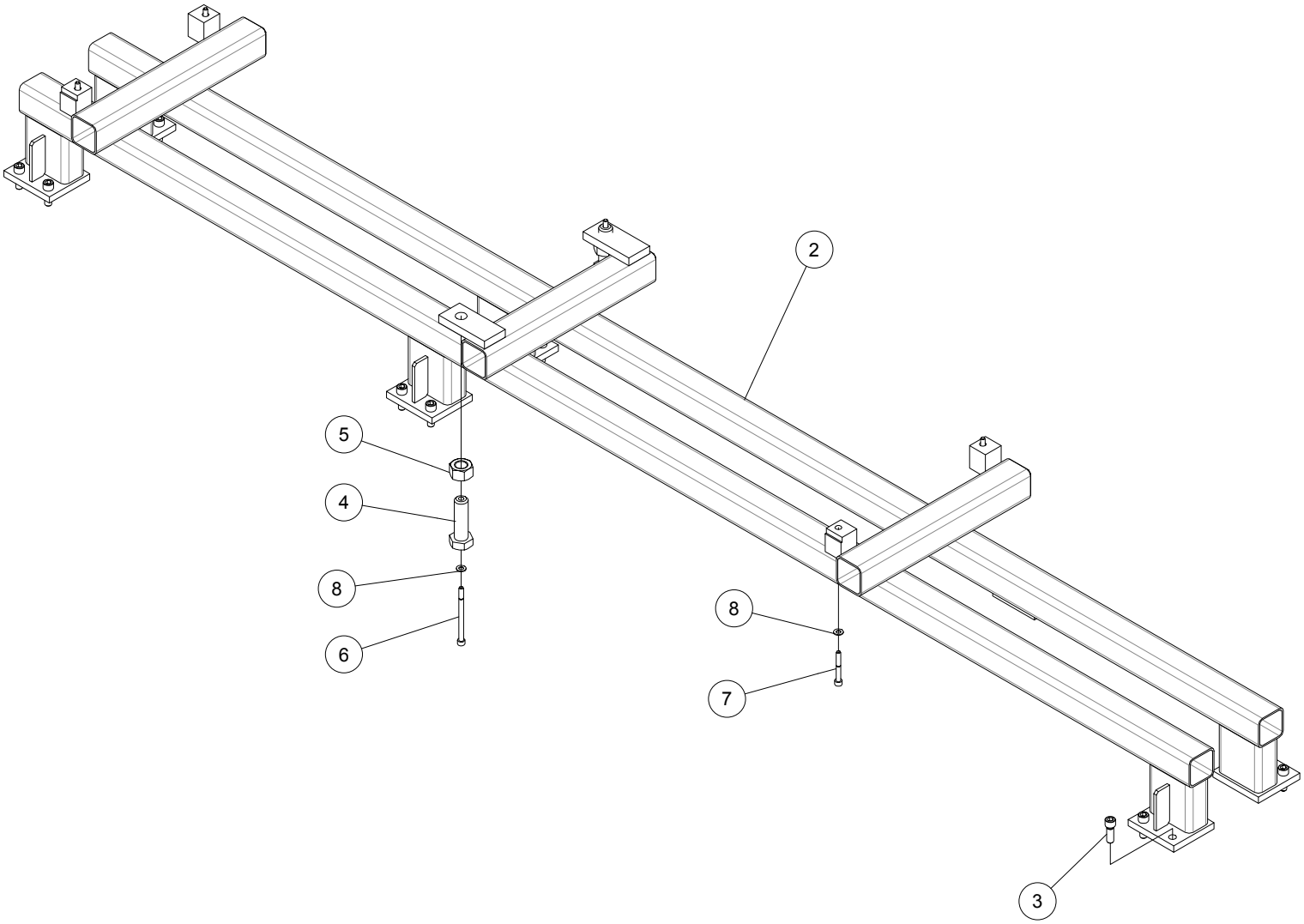
CE02090---

Unit No. 567 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02090---	Side Table Base R ASSY	Index 2-13	2
2	74402002 CE02091---	Side Table Base R		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 567 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

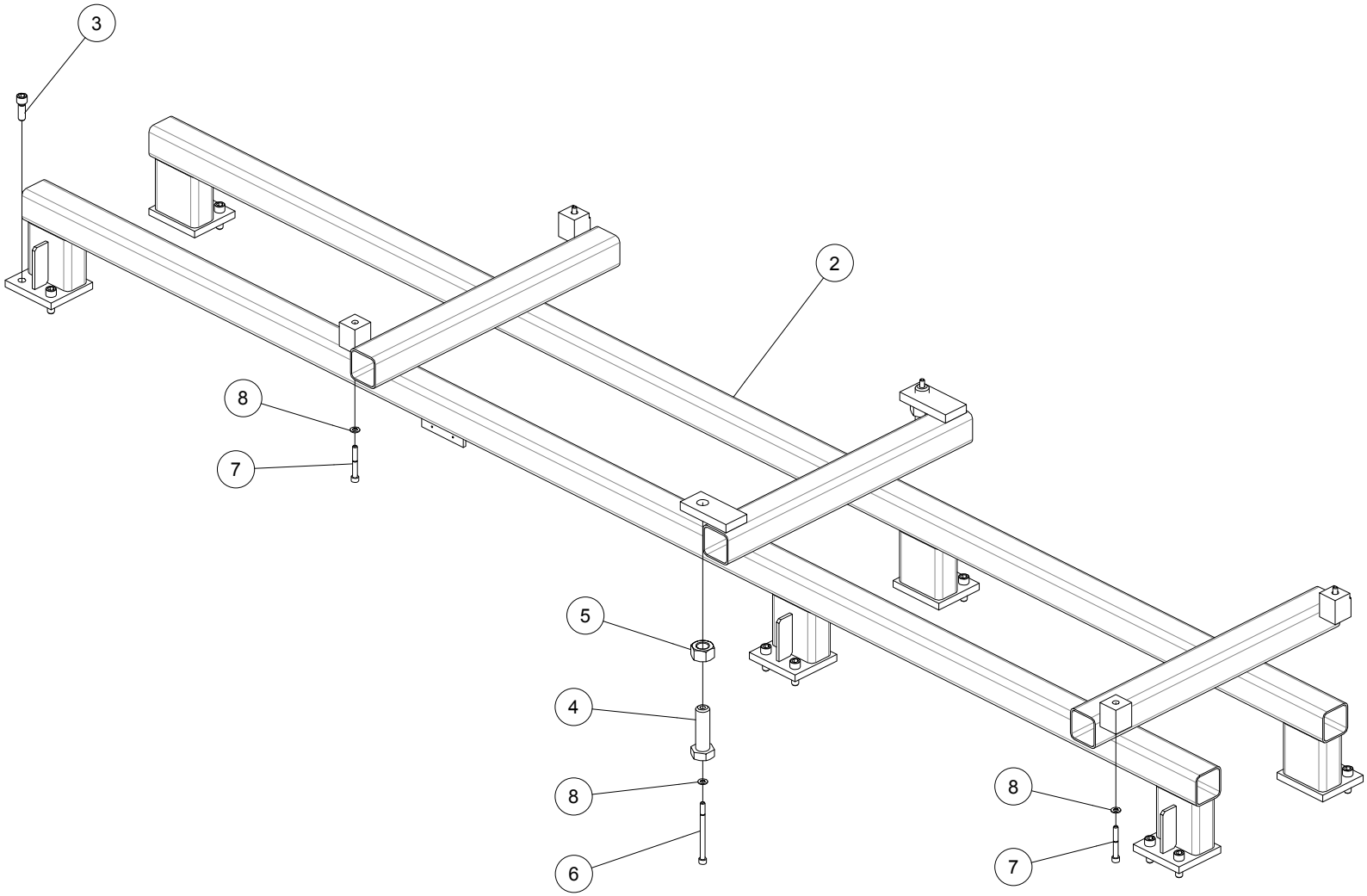


(1) R Stationary Table Frame A ASSY

CE02092---

Unit No. 568 Brush Table <R Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02092---	R Stationary Table Frame A ASSY	Index 2-8	1
2	74402003 / CE02093---	Side Table Frame R1		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	2
5	74776800 / P332000011	Nut / JIS	M24	2
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	2
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 / P336000006	Washer / JIS	8(Normal)	6

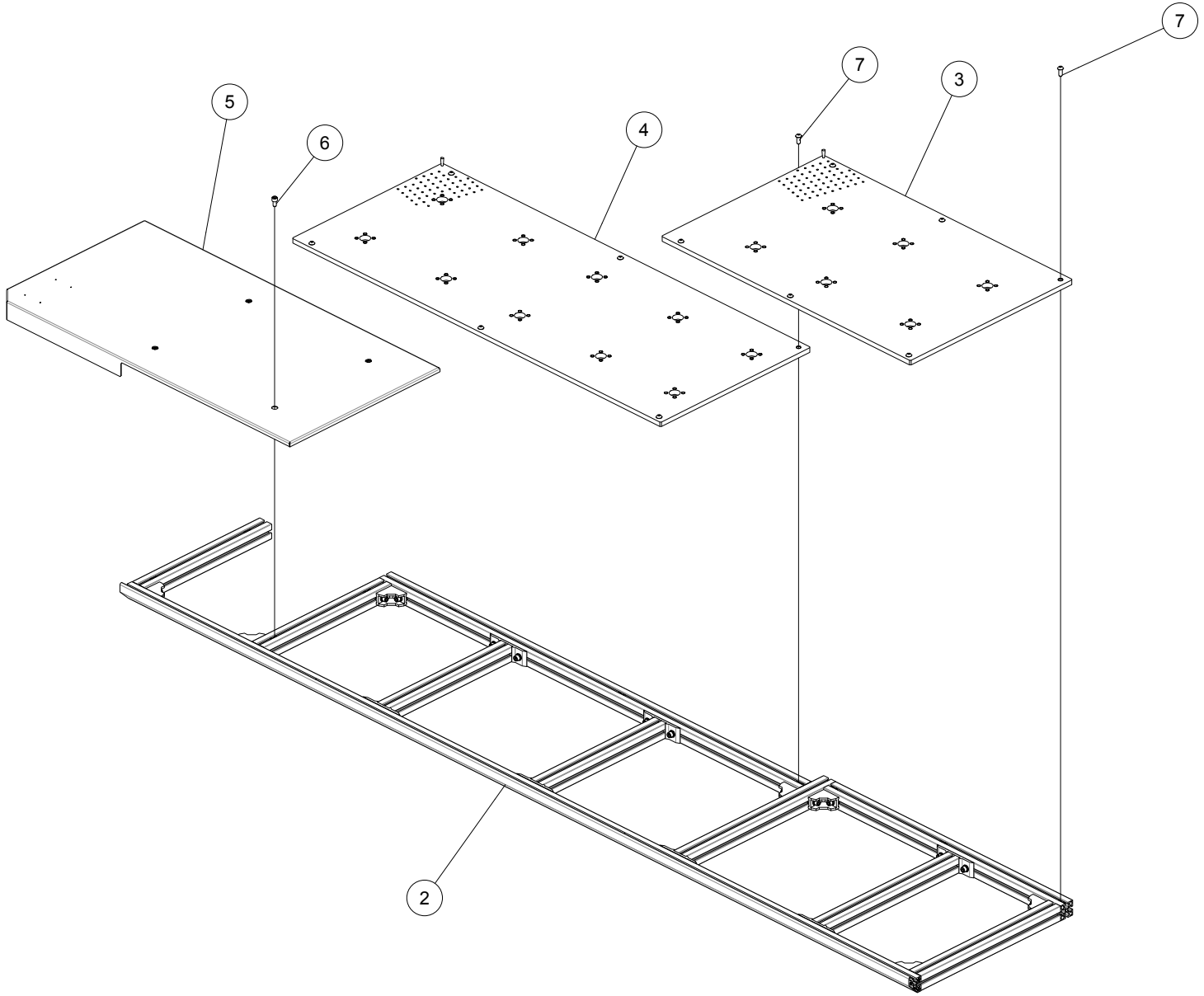


(1) R Stationary Table Frame B ASSY

CE02038---

Unit No. 569 Brush Table <R Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02038---	R Stationary Table Frame B ASSY	Index 2-8	1
2	74402004 / CE02039--A	Side Table Frame R2		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	3
5	74776800 / P332000011	Nut / JIS	M24	3
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	3
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 / P336000006	Washer / JIS	8(Normal)	9

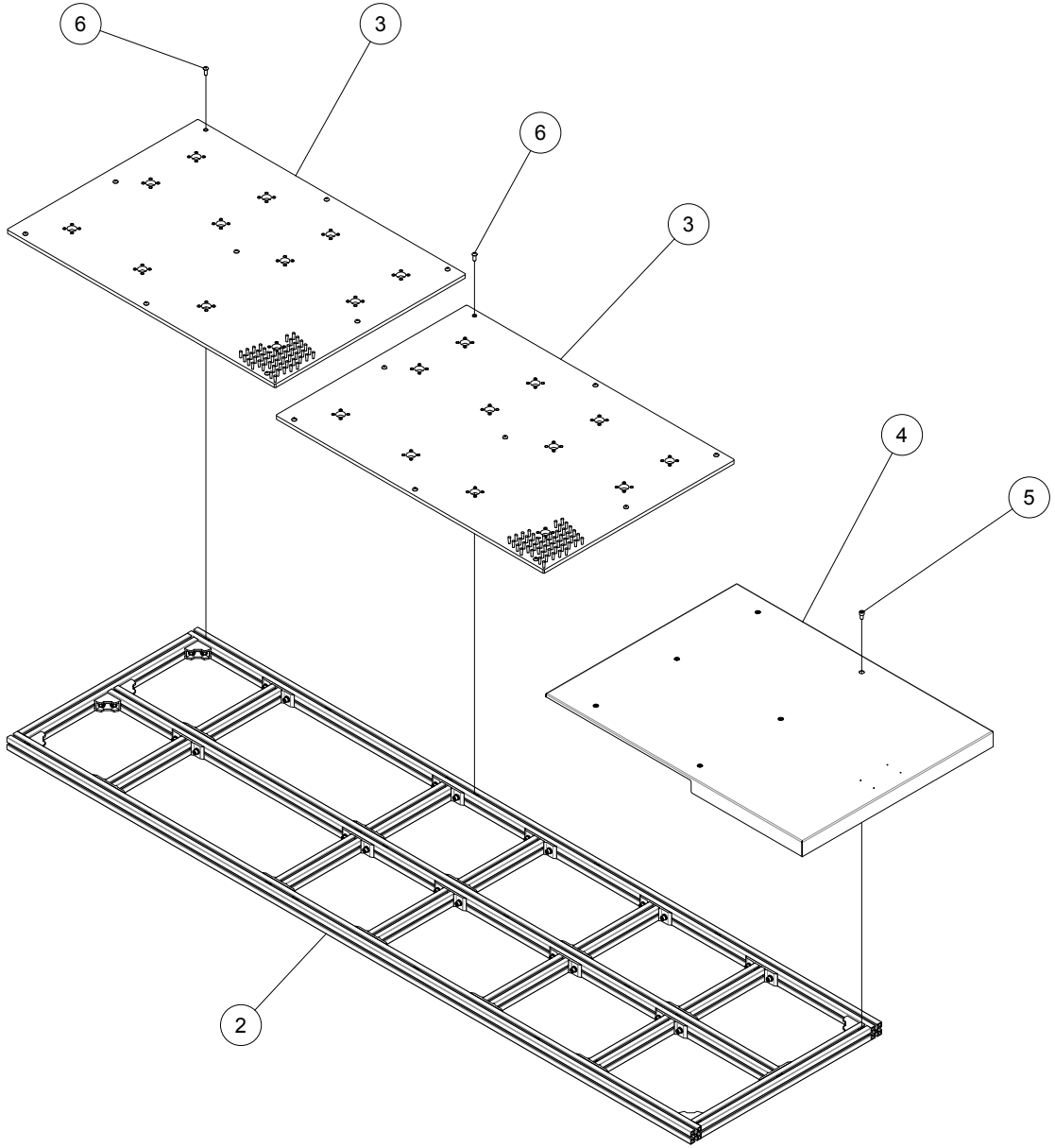


(1) R Stationary Brush A ASSY

CE02094---

Unit No. 570 Brush Table <R Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02094---	R Stationary Brush A ASSY	Index 2-7	1
2	74402005 7831438---	Stationary Table (R) A NIC		1
3	74402006 CE02095---	MDF Brush K-7		1
4	74402007 CE02096---	MDF Brush K-8		1
5	74402008 CE02073---	Cover Table R-1		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	12



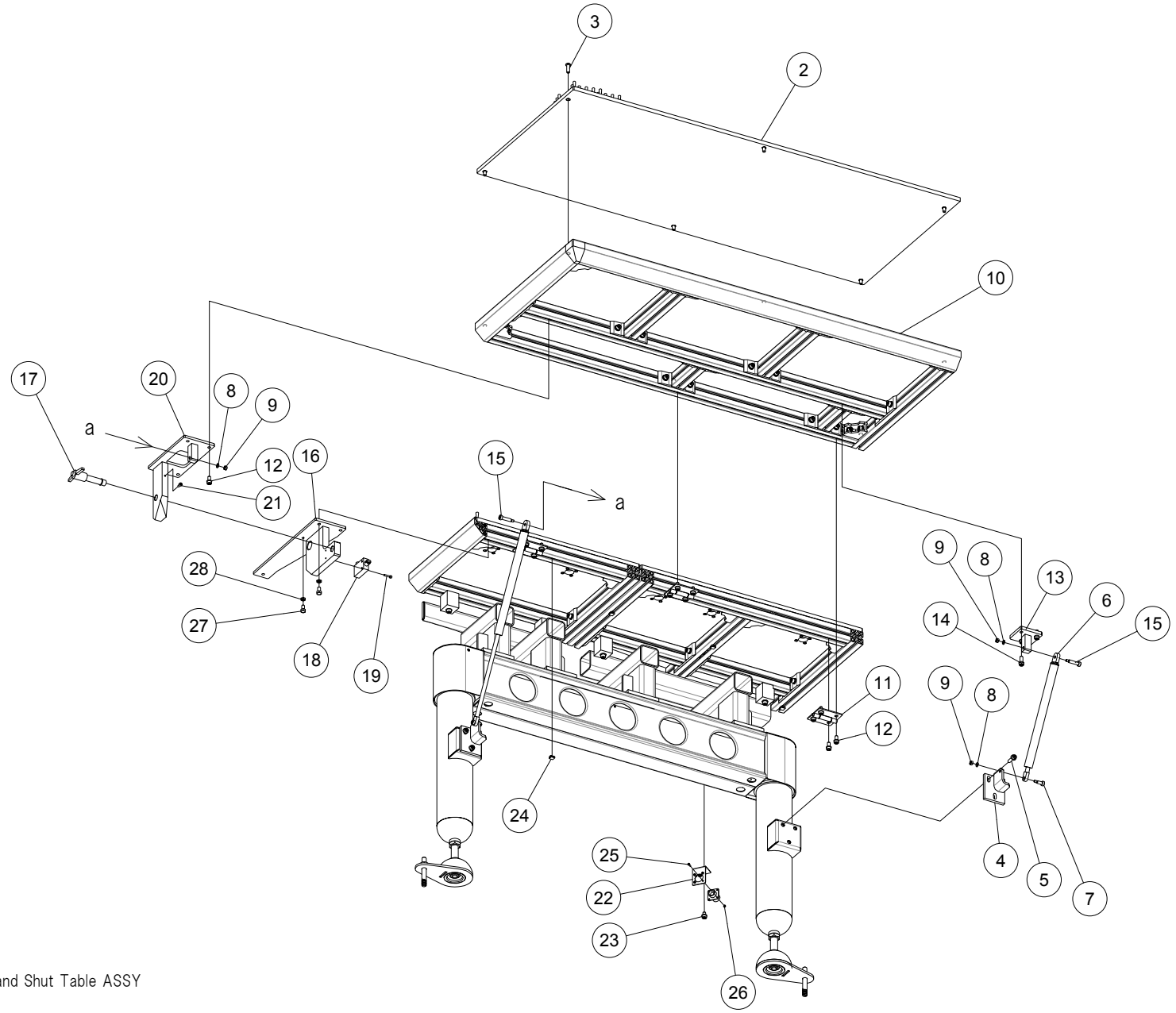
(1) R Stationary Brush B ASSY

CE01566--A

Unit No. 571 Brush Table <R Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01566--A	R Stationary Brush B ASSY	Index 2-6	1
2	74402009 7831423---	Stationary Table (R) B NIC		1
3	74402010 CE01568---	MDF Brush K-1		2
4	74402011 CE02074---	Cover Table R-2		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
6	74183316 P334500020	Button Head Screw	M8X20	18

Unit No. 572 Brush Table <Open and Shut Table ASSY>



1 Open and Shut Table ASSY

CE02097---

Unit No. 572 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02097---	Open and Shut Table ASSY	Index 2-28	1
2	74402012 / CE02098--A	MDF Brush K-12		1
3	74722756 / P334500021	Button Head Screw	M8X25	6
4	74901454 / 3835239---	Gas Spring Bracket 1	F65X9	2
5	74776772 / P330468003	Flange Socket Bolt / NISSAN NEJI	M8X25	6
6	74400465 / P317558024	Gas Spring / TOKICO NAGANO	GS068-3076B	2
7	74380801 / P338134013	Shoulder Screw / MISUMI	MSB8-15	2
8	74159714 / P336000005	Washer / JIS	6(Normal)	4
9	74776795 / P332000004	Nut / JIS	M6	4
10	74402013 / 7831439---	Open and Shut Table / NIC		1
11	74417417 / 6871180	Hinge Add Works		3
12	74382078 / P330468006	Flange Socket Bolt / NISSAN NEJI	M8X15	19

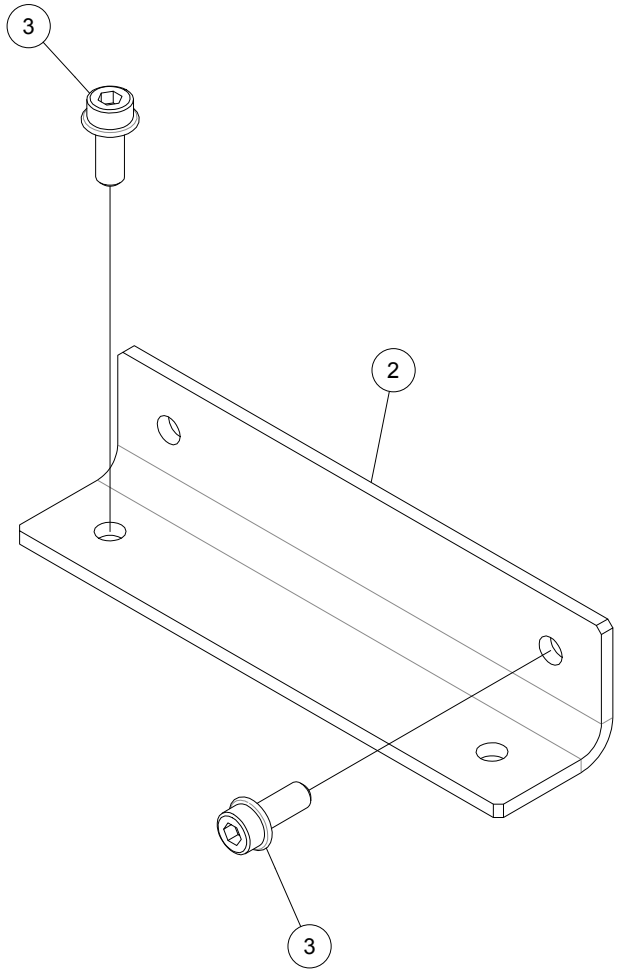
Unit No. 572 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417418 6871181	Gas Spring Bracket	F65X9	1
14	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
15	74379250 P338134019	Shoulder Screw MISUMI	MSB8-30	2
16	74402014 WA00429--A	Pin Bracket		1
17	74569793 P337108002	Locating Pin IMAO Mfg	BJ773-16050	1
18	74400469 CE01973---	Cable S-18 (1)		1
19	74183602 P330200021	Hex Socket Cap Screw	M4X20	2
20	74417422 6875689	Gas Spring Pin Bracket		1
21	74183604 P330210003	Hex Socket Cap Screw	M5X10	1
22	74400957 WA00424---	Cable Bracket S-18		1
23	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
24	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	4

Unit No. 572 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
26	74183201 P332000001	Nut JIS	M3	4
27	79567302 P330030004	Bolt	M8X15	1
28	74722743 P332000018	Nut JIS	M8(Thin)	1

Unit No. 573 Brush Table <Shipping ASSY>



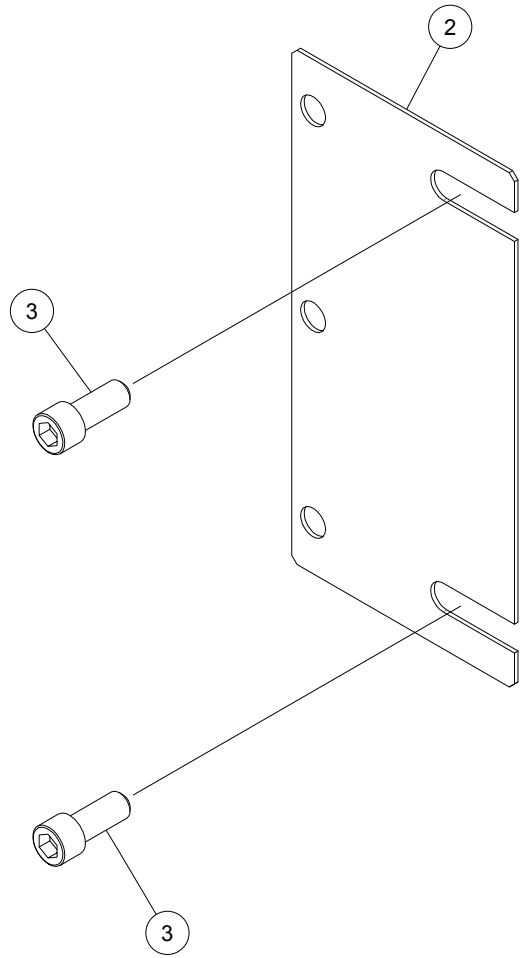
(1) Shipping ASSY

CE01978---

Unit No. 573 Brush Table <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01978---	Shipping ASSY	Index 23	1
2	74417424 / 6875722	Shipping Bracket (Open and Shut Table)		1
3	74385450 / P330468001	Flange Socket Bolt / NISSAN NEJI	M8X20	4

Unit No. 574 Brush Table <Locating Kit>

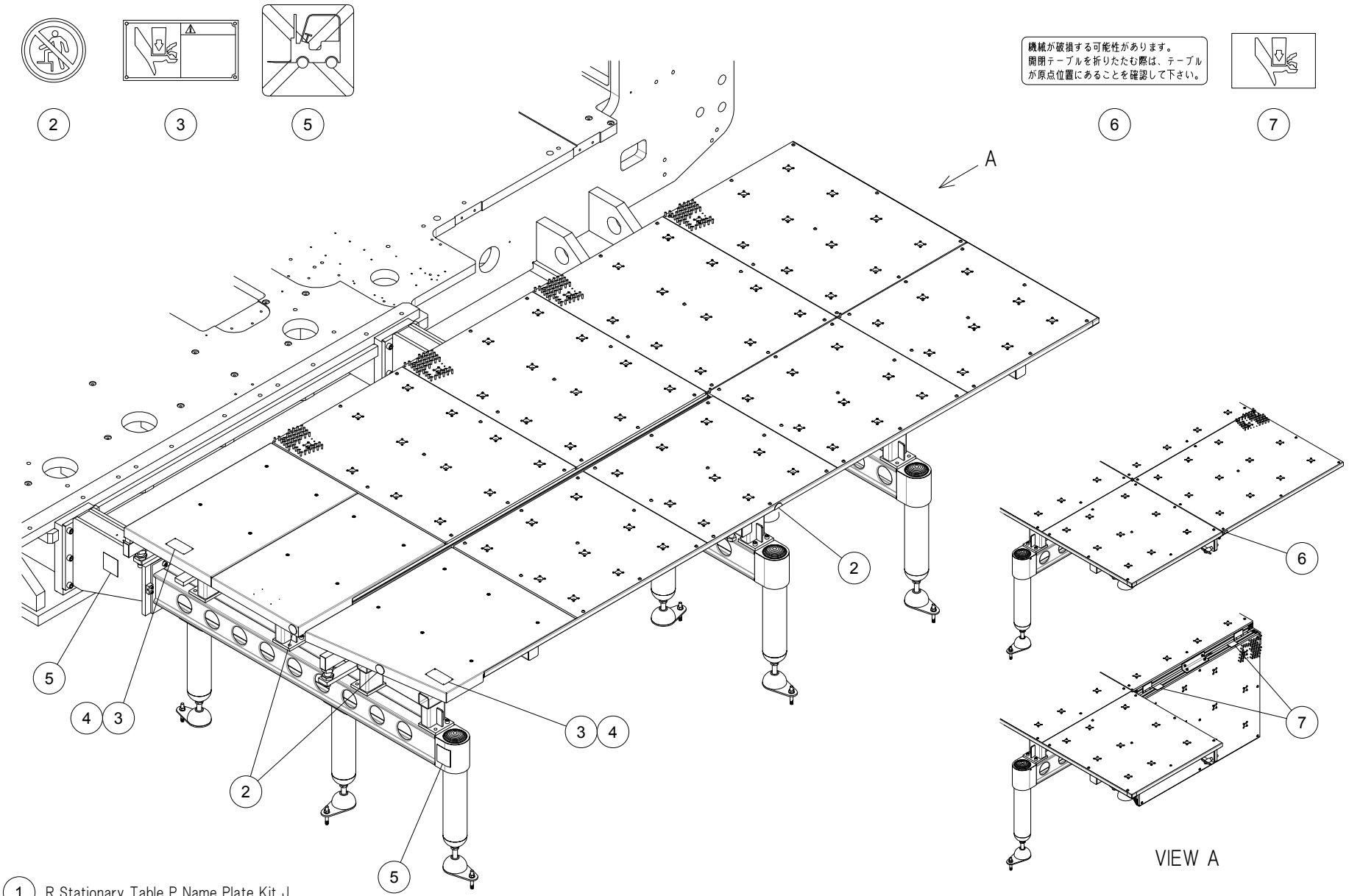


(1) Locating Kit

CE01979---

Unit No. 574 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 / CE01899---	Shim		1
3	74183656 / P330250005	Hex Socket Cap Screw	M12X30	2

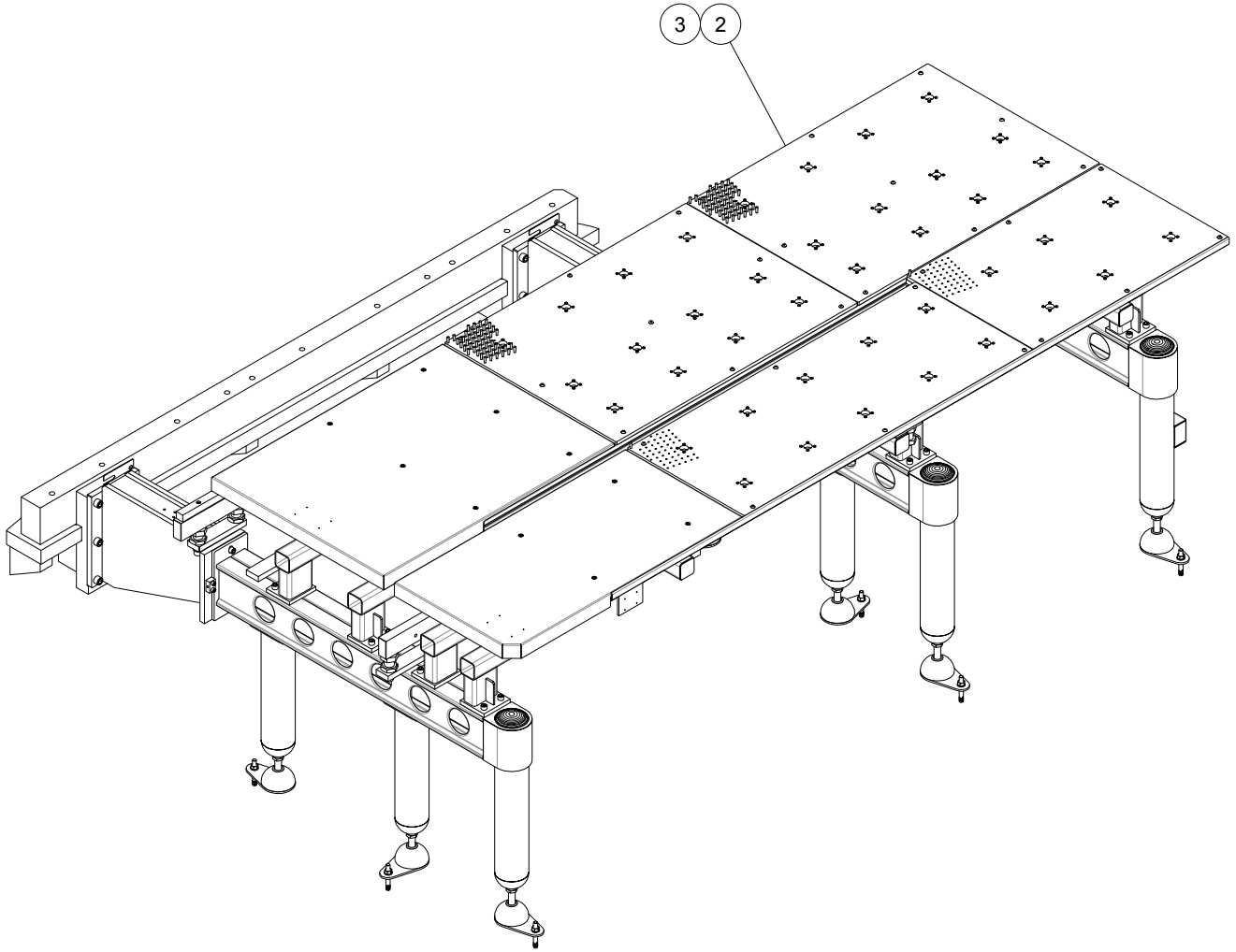


1 R Stationary Table P Name Plate Kit J

CE01993---

Unit No. 575 Brush Table <R Stationary Table P Name Plate Kit J>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01993---	R Stationary Table P Name Plate Kit J	Index 2-8	1
2	74902622 MA04190---	Warning Plate		5
3	74776542 6045128	Warning Plate 3		2
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
5	74419879 3809313	Caution Plate		2
6	74417918 6828457	Caution Plate		1
7	74417425 6828694	Warning Plate		2
8	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6

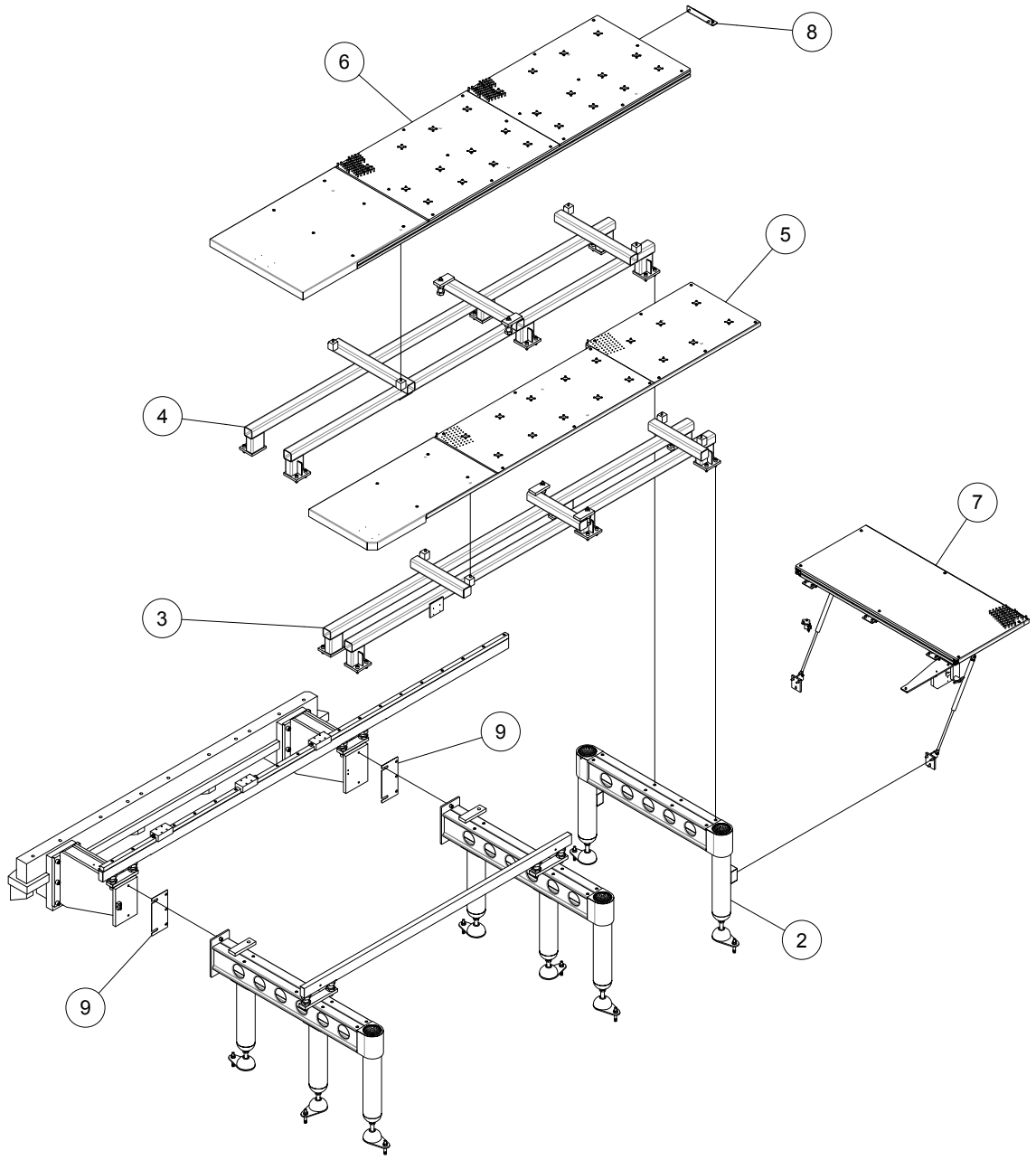


(1) R Stationary Table M CE

CE02084---

Unit No. 576 Brush Table <R Stationary Table M CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02084---	R Stationary Table M CE	Index 23	1
2	CE02087---	R Stationary Table ASSY		1
3	CE01994---	R Stationary Table P Name Plate Kit CE		1

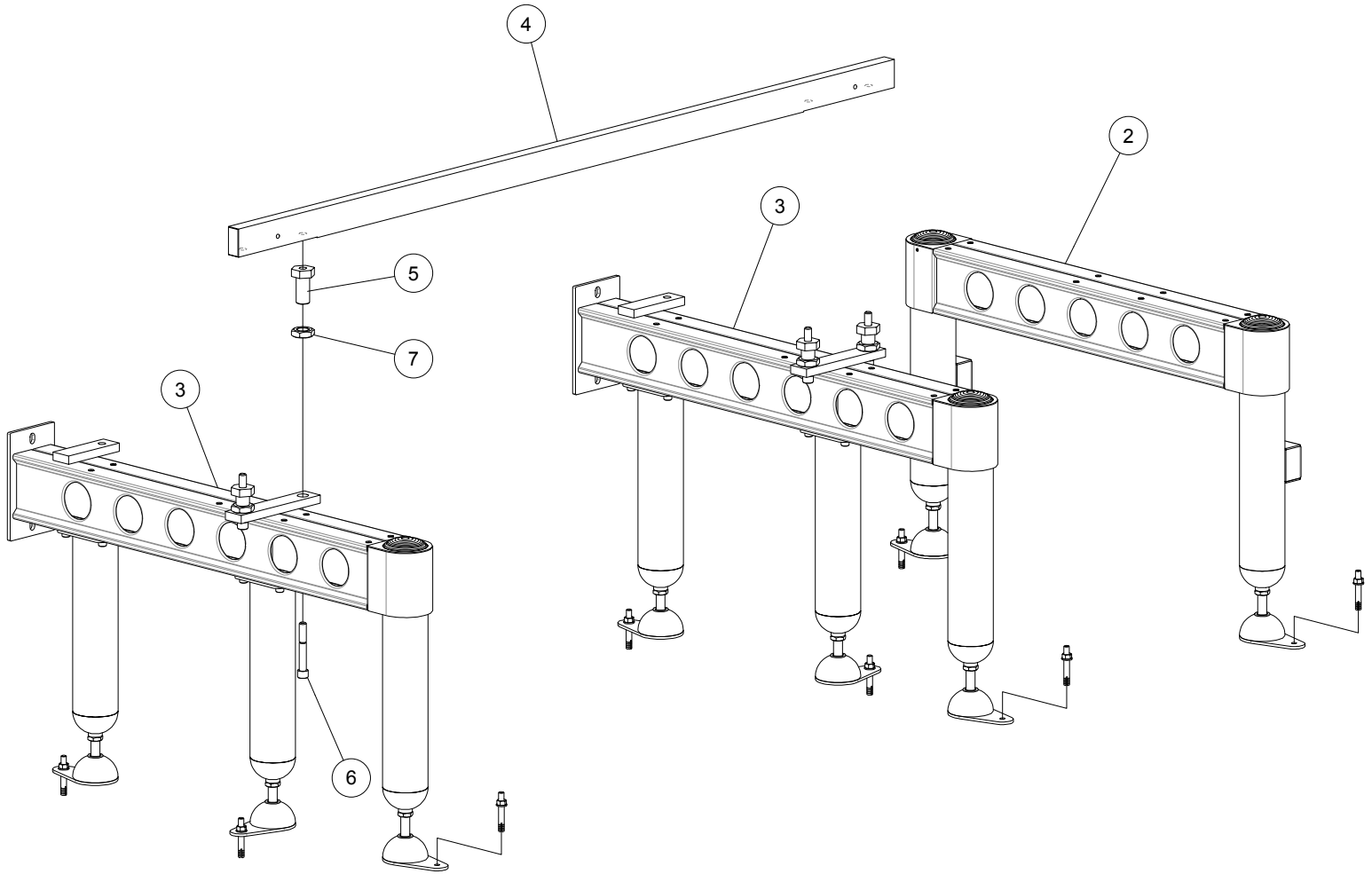


(1) R Stationary Table ASSY

CE02087---

Unit No. 577 Brush Table <R Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02087---	R Stationary Table ASSY	Index 2-9	1
2	CE02088---	R Stationary Table Base ASSY		1
3	CE02092---	R Stationary Table Frame A ASSY		1
4	CE02038---	R Stationary Table Frame B ASSY		1
5	CE02094---	R Stationary Brush A ASSY		1
6	CE01566--A	R Stationary Brush B ASSY		1
7	CE02097---	Open and Shut Table ASSY		1
8	CE01978---	Shipping ASSY		1
9	CE01979---	Locating Kit		2



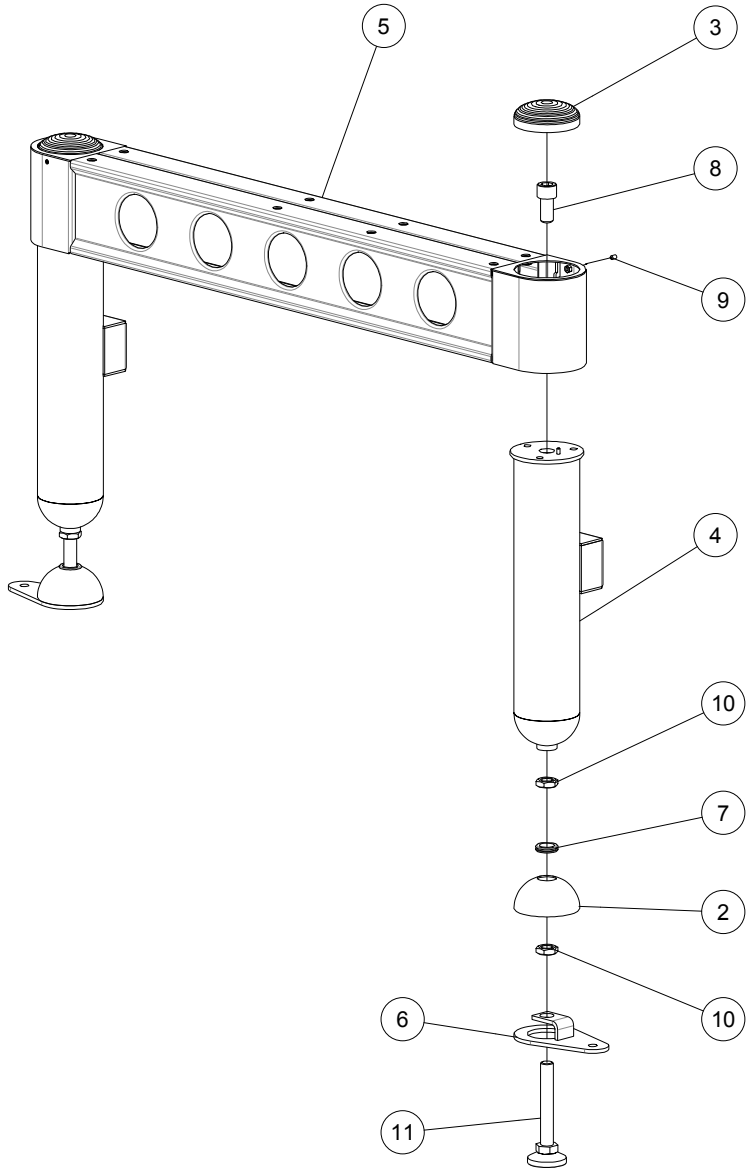
(1) R Stationary Table Base ASSY

CE02088---

Unit No. 578 Brush Table <R Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02088---	R Stationary Table Base ASSY	Index 2-8	1
2	CE02089---	Side Table Support R ASSY		1
3	CE02090---	Side Table Base R ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74183663 P330260034	Hex Socket Cap Screw	M16X50 List Only	2

Unit No. 579 Brush Table <Side Table Support R ASSY>

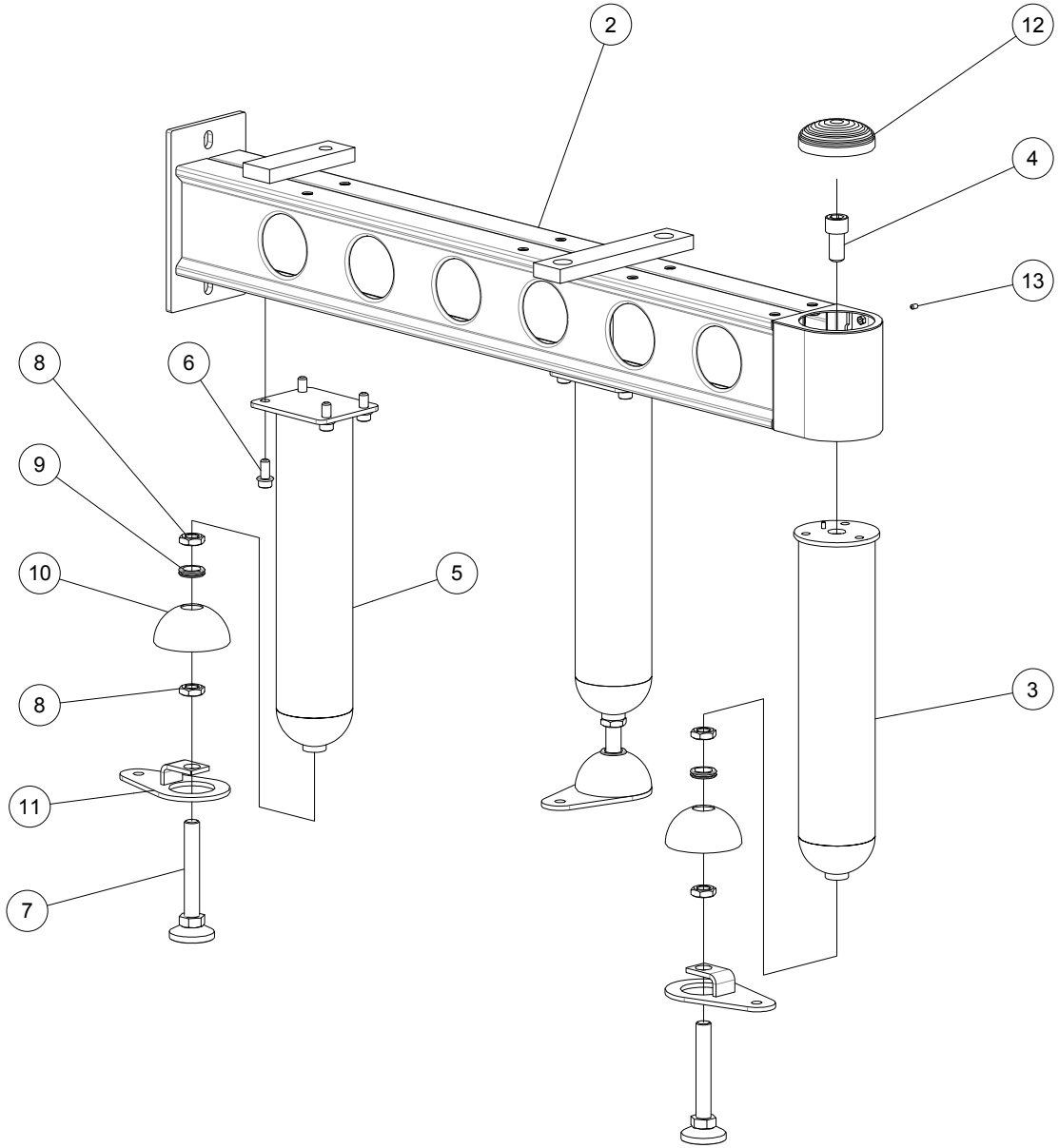


(1) Side Table Support R ASSY

CE02089---

Unit No. 579 Brush Table <Side Table Support R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02089---	Side Table Support R ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74402001 CE01892---	Support Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable	C-30-NG-79-Q TAKIGEN	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw	M6X10(Cup Point) JIS	2
10	74901389 P332000023	Nut	M20(Thin) JIS	4
11	74400373 P384022017	Level Adjuster	KC-275-B-2 TAKIGEN	2



(1) Side Table Base R ASSY

CE02090---

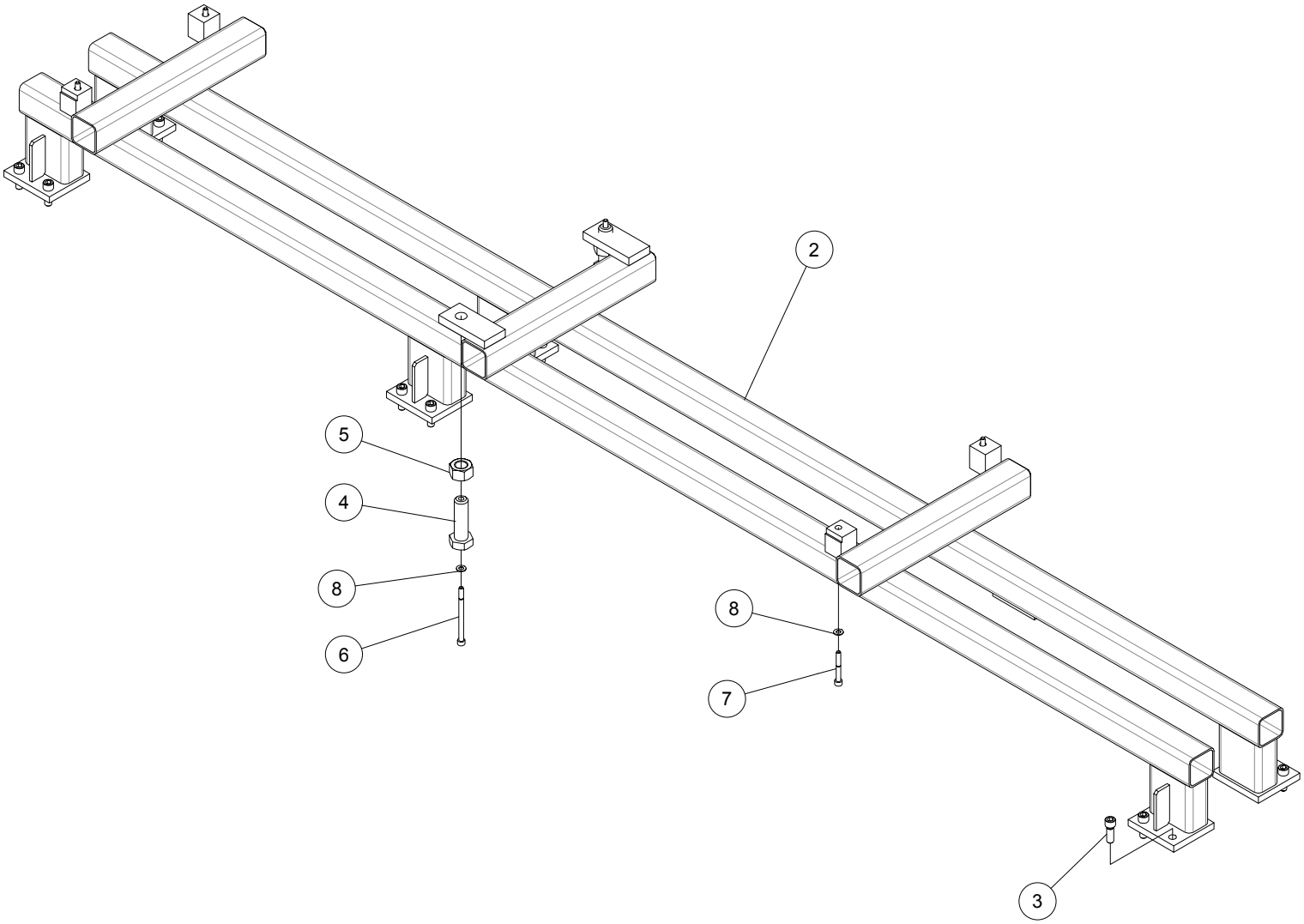
Unit No. 580 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02090---	Side Table Base R ASSY	Index 2-13	2
2	74402002 CE02091---	Side Table Base R		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 580 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

Unit No. 581 Brush Table <R Stationary Table Frame A ASSY>

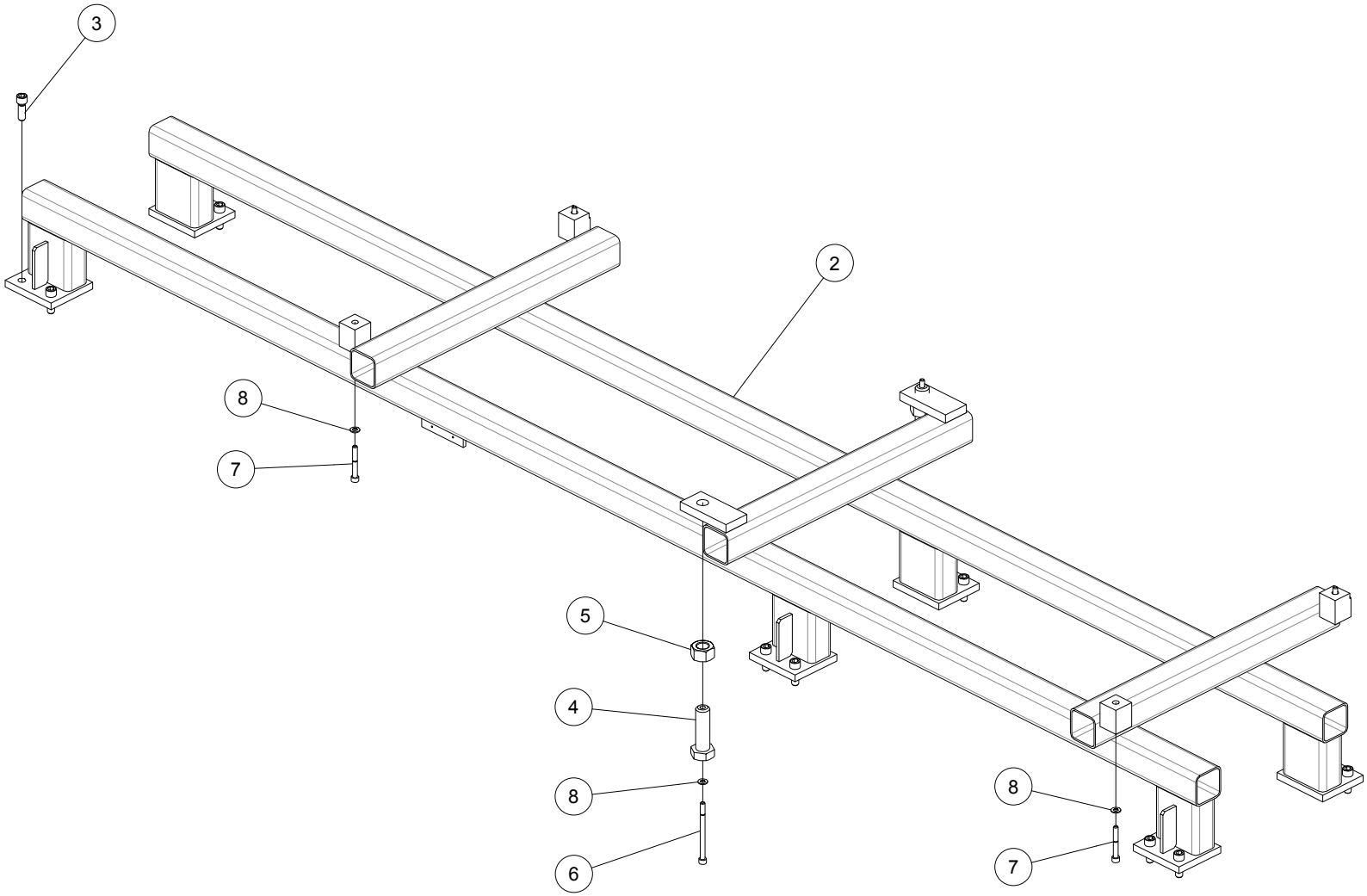


(1) R Stationary Table Frame A ASSY

CE02092---

Unit No. 581 Brush Table <R Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02092---	R Stationary Table Frame A ASSY	Index 2-8	1
2	74402003 / CE02093---	Side Table Frame R1		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	2
5	74776800 / P332000011	Nut / JIS	M24	2
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	2
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 / P336000006	Washer / JIS	8(Normal)	6



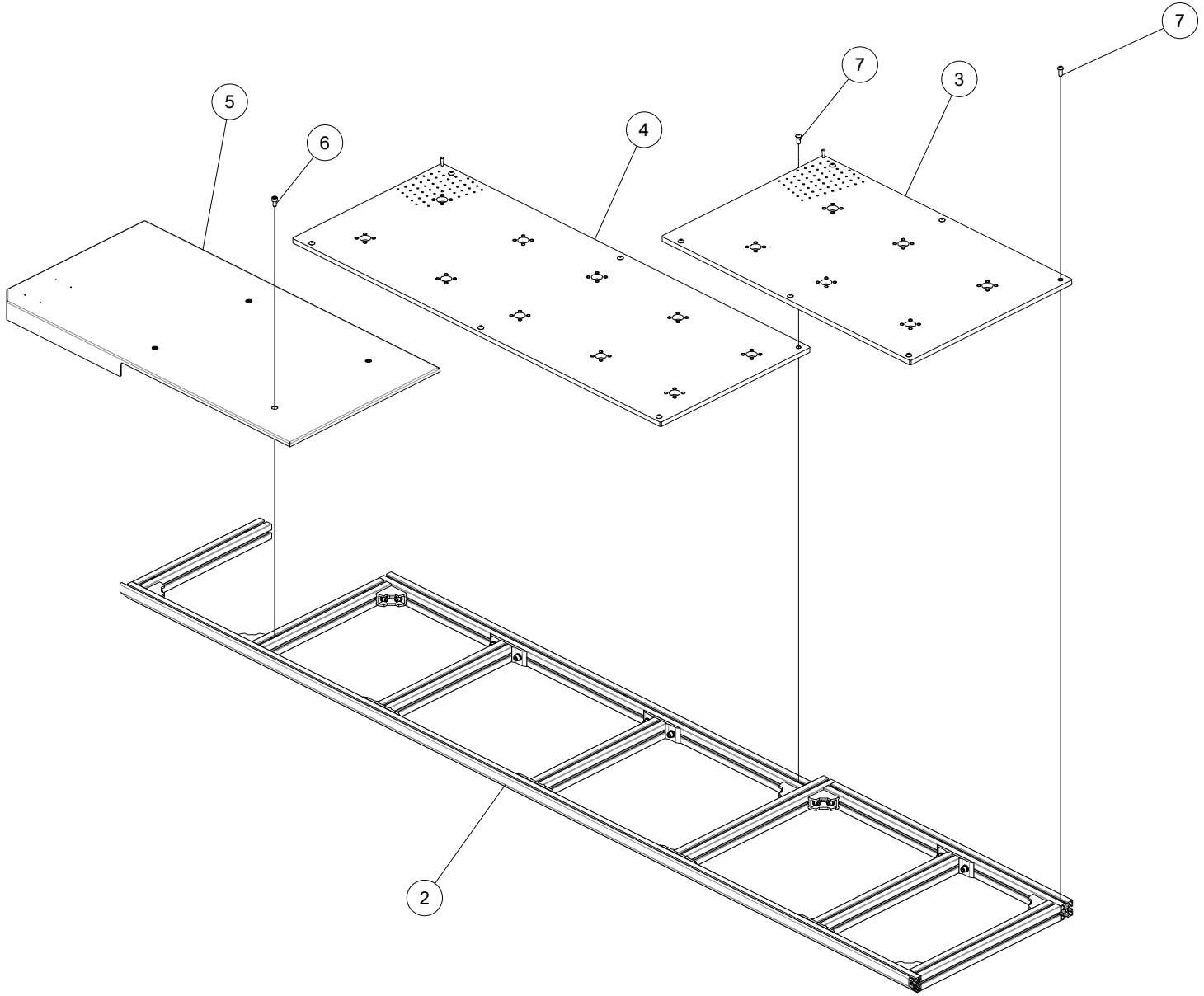
(1) R Stationary Table Frame B ASSY

CE02038---

Unit No. 582 Brush Table <R Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02038---	R Stationary Table Frame B ASSY	Index 2-8	1
2	74402004 / CE02039--A	Side Table Frame R2		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	3
5	74776800 / P332000011	Nut / JIS	M24	3
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	3
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 / P336000006	Washer / JIS	8(Normal)	9

Unit No. 583 Brush Table <R Stationary Brush A ASSY>

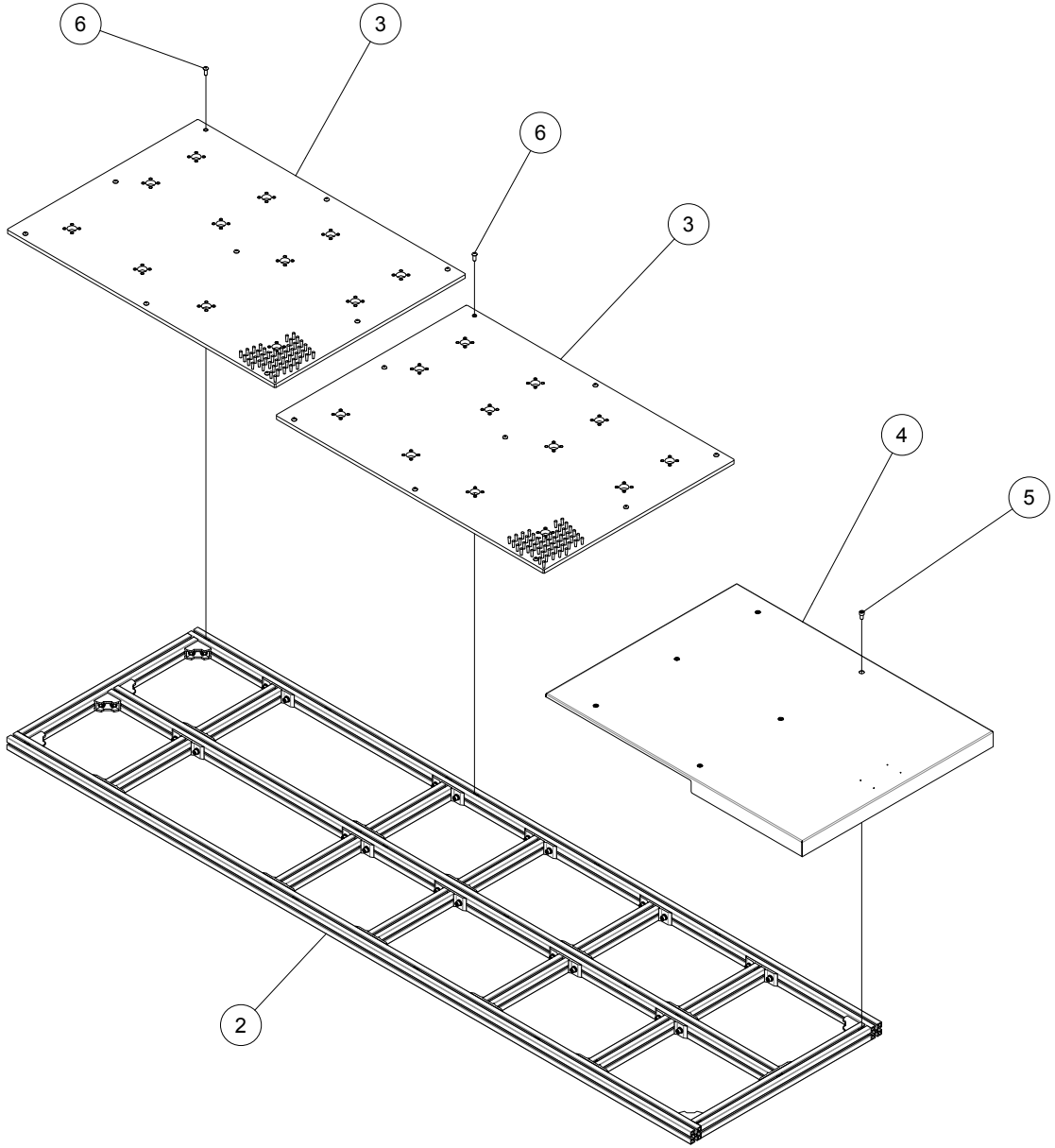


(1) R Stationary Brush A ASSY

CE02094---

Unit No. 583 Brush Table <R Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02094---	R Stationary Brush A ASSY	Index 2-7	1
2	74402005 7831438---	Stationary Table (R) A NIC		1
3	74402006 CE02095---	MDF Brush K-7		1
4	74402007 CE02096---	MDF Brush K-8		1
5	74402008 CE02073---	Cover Table R-1		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	12

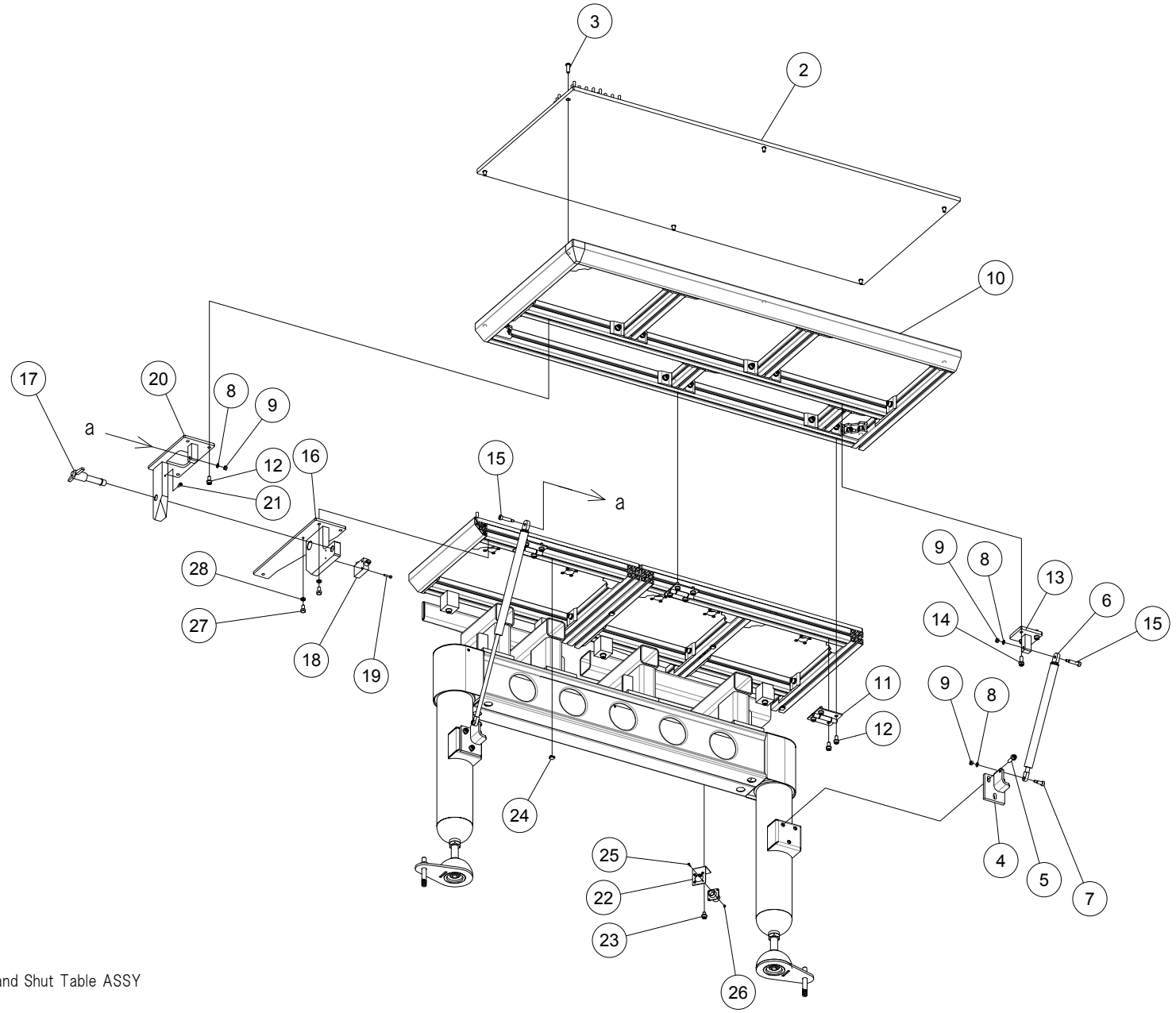


(1) R Stationary Brush B ASSY

CE01566--A

Unit No. 584 Brush Table <R Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01566--A	R Stationary Brush B ASSY	Index 2-6	1
2	74402009 7831423---	Stationary Table (R) B NIC		1
3	74402010 CE01568---	MDF Brush K-1		2
4	74402011 CE02074---	Cover Table R-2		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
6	74183316 P334500020	Button Head Screw	M8X20	18



(1) Open and Shut Table ASSY

CE02097---

Unit No. 585 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02097---	Open and Shut Table ASSY	Index 2-28	1
2	74402012 CE02098--A	MDF Brush K-12		1
3	74722756 P334500021	Button Head Screw	M8X25	6
4	74901454 3835239---	Gas Spring Bracket 1	F65X9	2
5	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	6
6	74400465 P317558024	Gas Spring TOKICO NAGANO	GS068-3076B	2
7	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	2
8	74159714 P336000005	Washer JIS	6(Normal)	4
9	74776795 P332000004	Nut JIS	M6	4
10	74402013 7831439---	Open and Shut Table NIC		1
11	74417417 6871180	Hinge Add Works		3
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	19

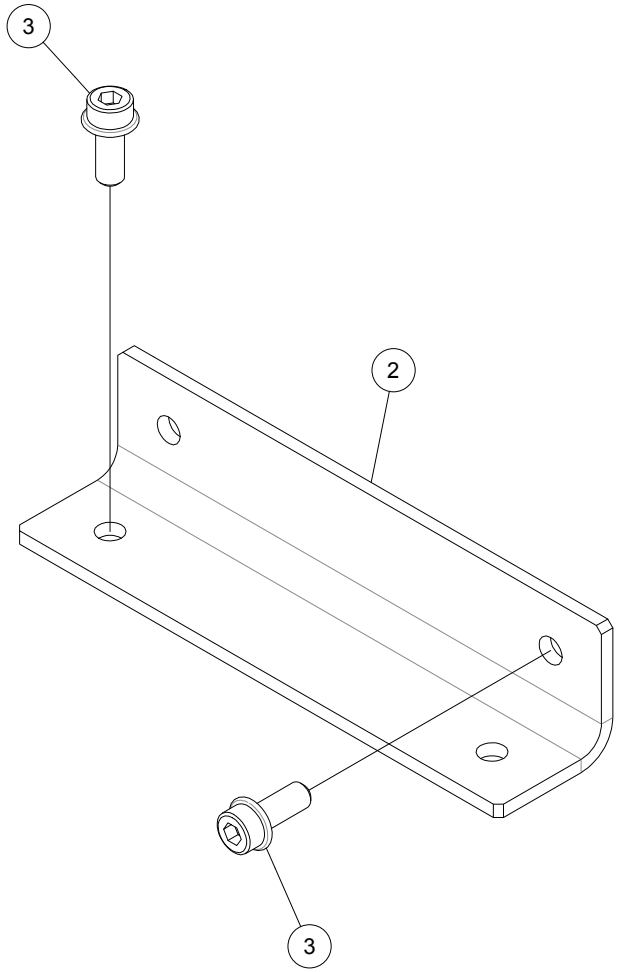
Unit No. 585 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417418 6871181	Gas Spring Bracket	F65X9	1
14	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
15	74379250 P338134019	Shoulder Screw MISUMI	MSB8-30	2
16	74402014 WA00429--A	Pin Bracket		1
17	74569793 P337108002	Locating Pin IMAO Mfg	BJ773-16050	1
18	74400469 CE01973---	Cable S-18 (1)		1
19	74183602 P330200021	Hex Socket Cap Screw	M4X20	2
20	74417422 6875689	Gas Spring Pin Bracket		1
21	74183604 P330210003	Hex Socket Cap Screw	M5X10	1
22	74400957 WA00424---	Cable Bracket S-18		1
23	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
24	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	4

Unit No. 585 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
26	74183201 P332000001	Nut JIS	M3	4
27	79567302 P330030004	Bolt	M8X15	1
28	74722743 P332000018	Nut JIS	M8(Thin)	1

Unit No. 586 Brush Table <Shipping ASSY>

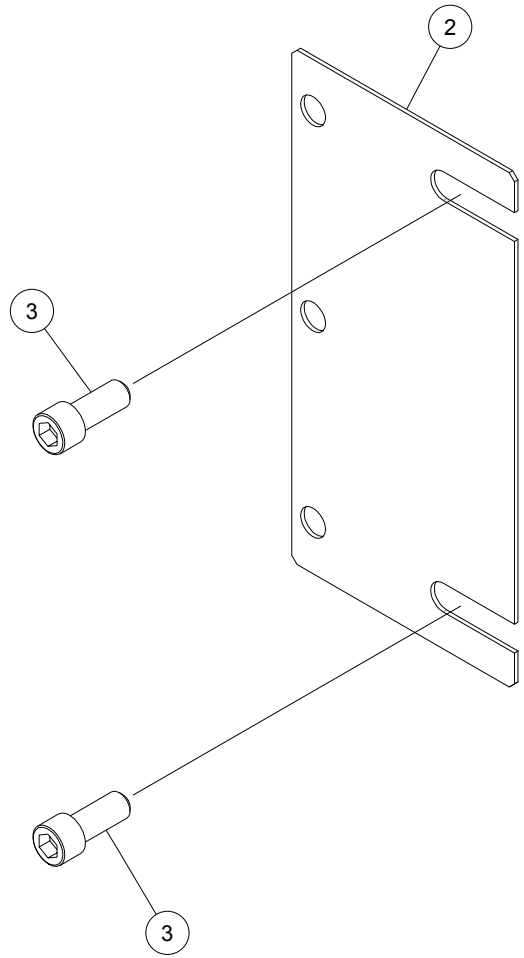


(1) Shipping ASSY

CE01978---

Unit No. 586 Brush Table <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Shipping ASSY		1
	CE01978---		Index 23	
2	74417424	Shipping Bracket (Open and Shut Table)		1
	6875722			
3	74385450	Flange Socket Bolt	M8X20	4
	P330468001	NISSAN NEJI		

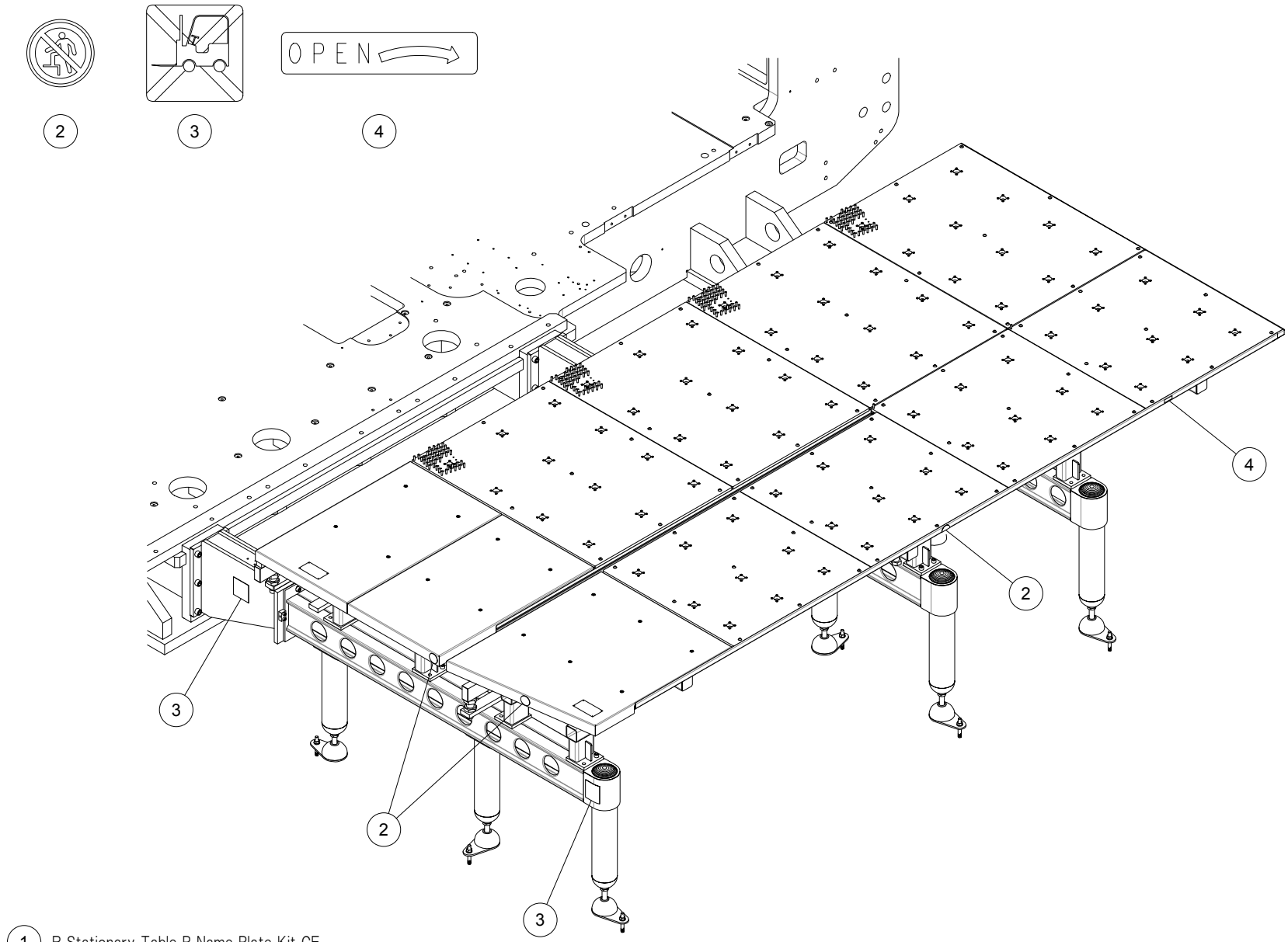


(1) Locating Kit

CE01979---

Unit No. 587 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 CE01899---	Shim		1
3	74183656 P330250005	Hex Socket Cap Screw	M12X30	2

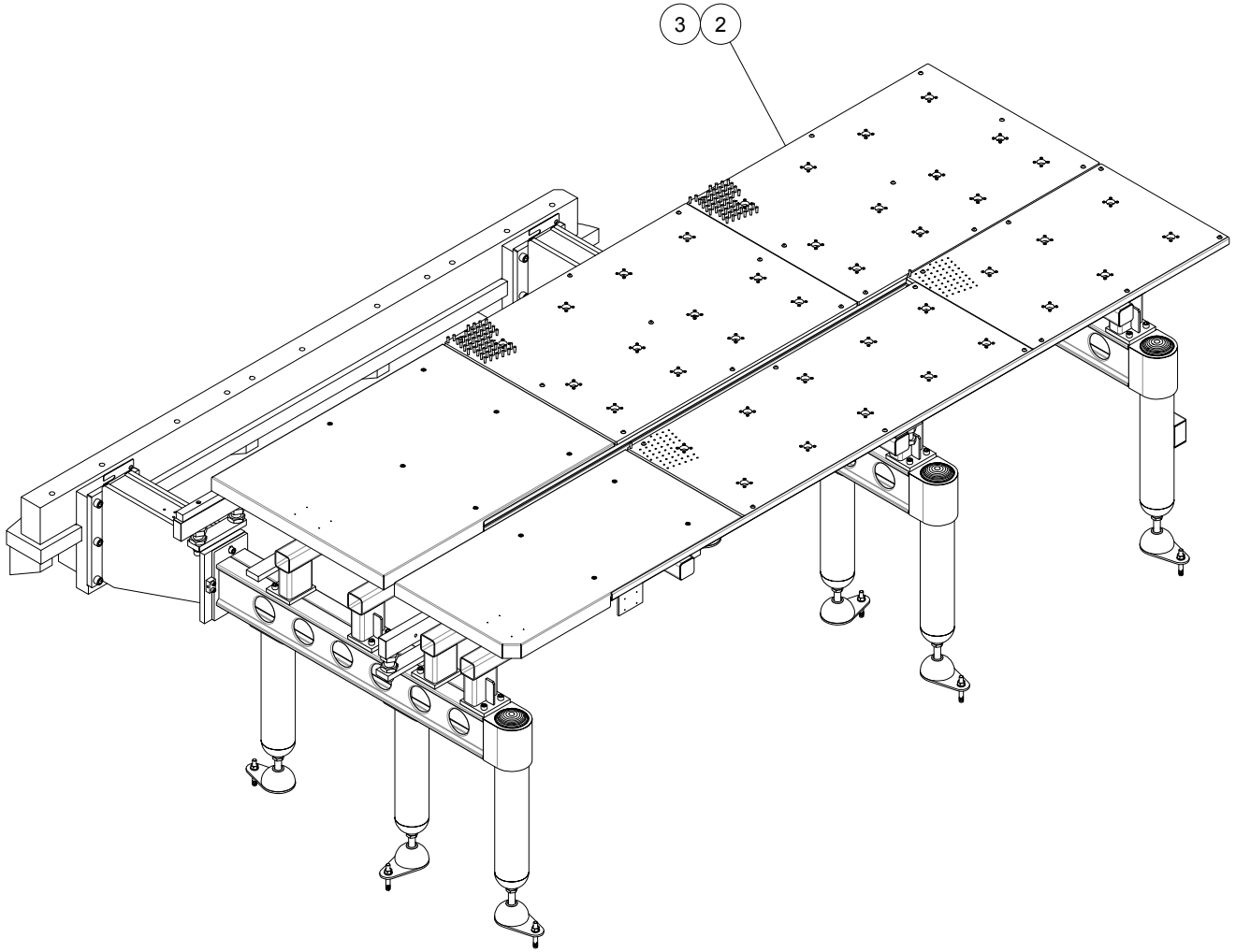


(1) R Stationary Table P Name Plate Kit CE

CE01994---

Unit No. 588 Brush Table <R Stationary Table P Name Plate Kit CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		R Stationary Table P Name Plate Kit CE		1
	CE01994---		Index 2-5	
2	74902622	Warning Plate		5
	MA04190---			
3	74419480	Caution Plate		2
	3809322			
4	74415366	Name Plate		1
	6870230			
5	74419483	Adhesive Tape	FE-6061(W=20)-1M	6
	P379108025	FANTAC	List Only	

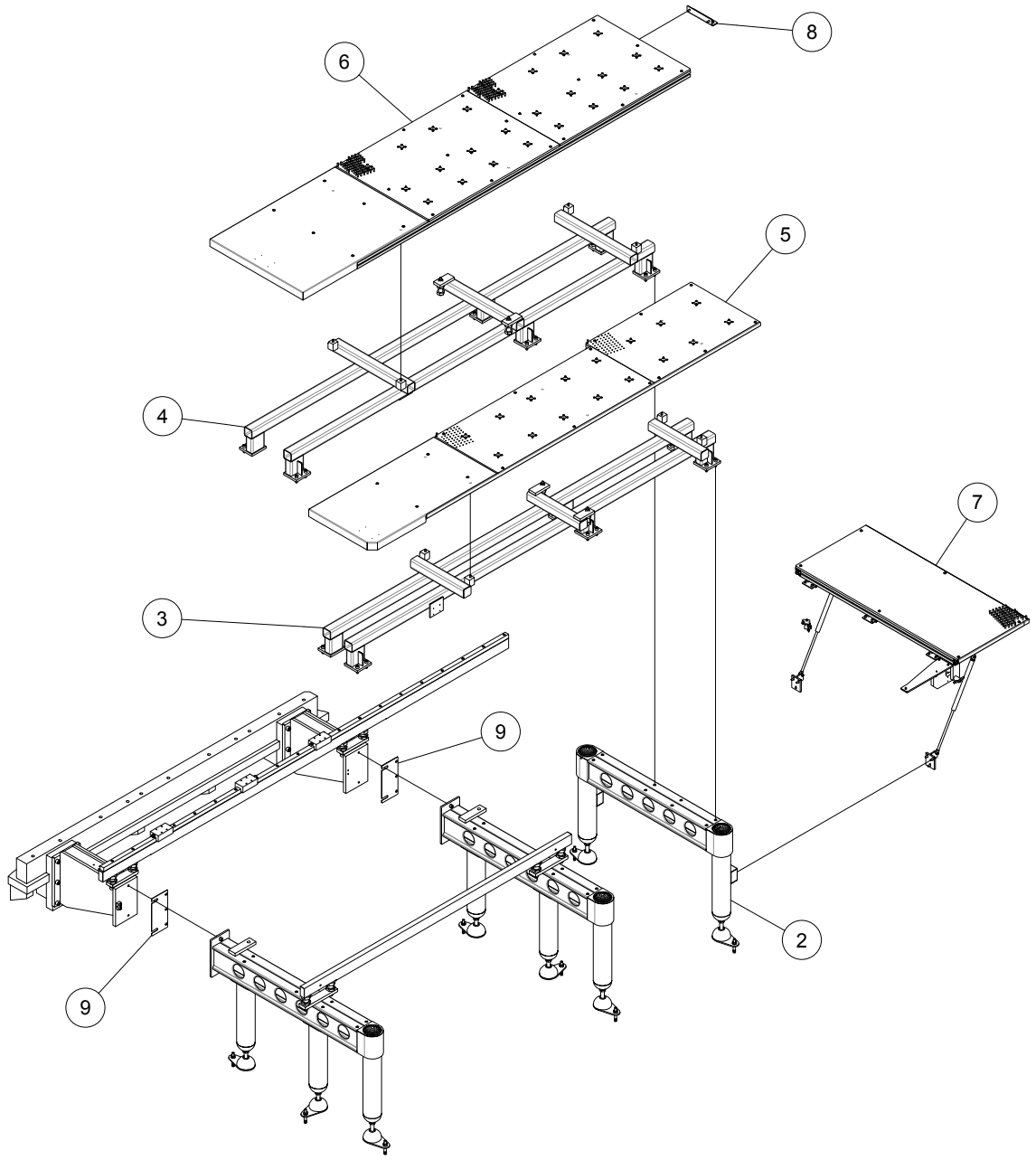


(1) R Stationary Table M E

CE02085---

Unit No. 589 Brush Table <R Stationary Table M E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02085---	R Stationary Table M E	Index 23	1
2	CE02087---	R Stationary Table ASSY		1
3	CE01995---	R Stationary Table P Name Plate Kit E		1

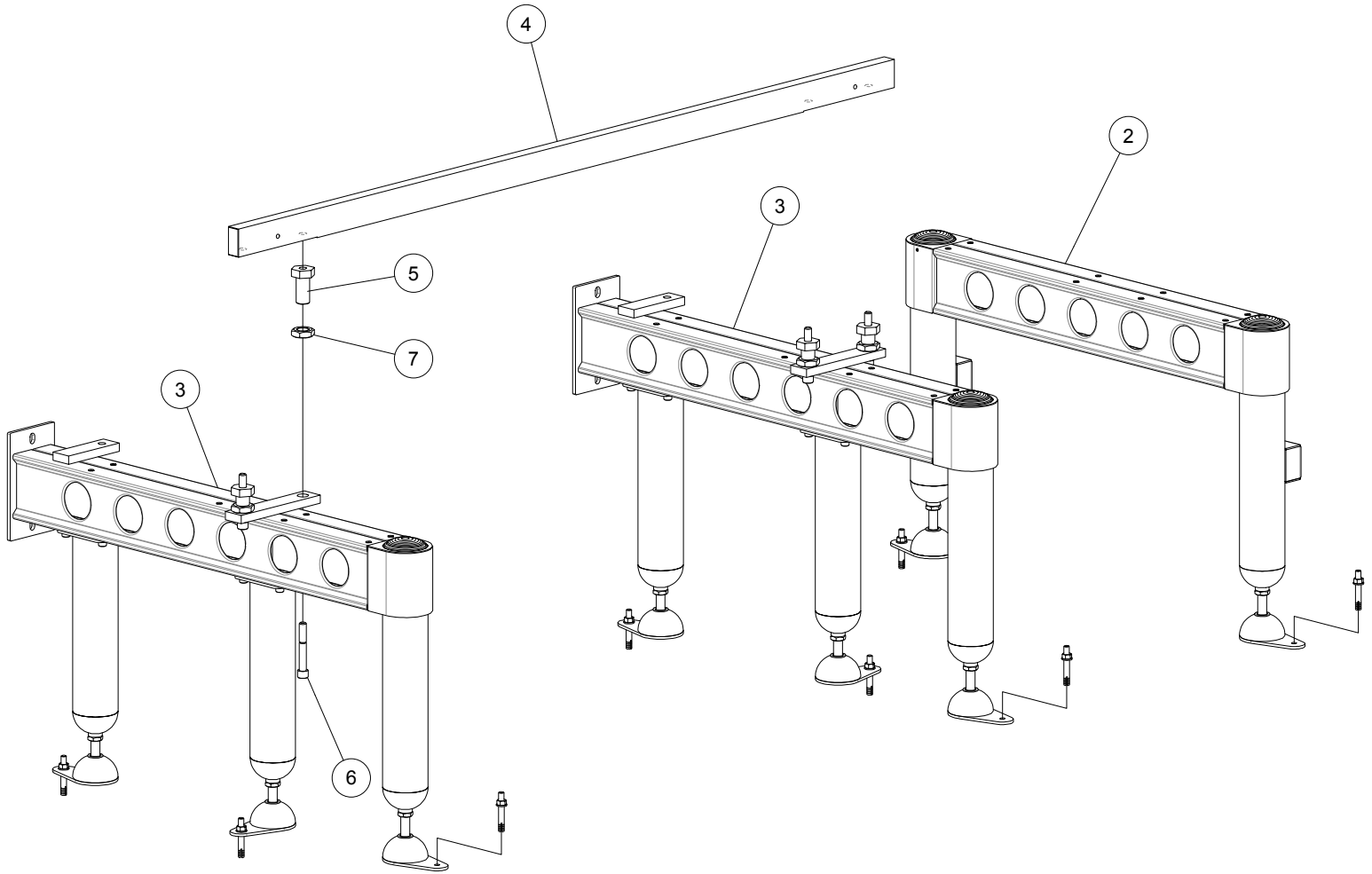


(1) R Stationary Table ASSY

CE02087---

Unit No. 590 Brush Table <R Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02087---	R Stationary Table ASSY	Index 2-9	1
2	CE02088---	R Stationary Table Base ASSY		1
3	CE02092---	R Stationary Table Frame A ASSY		1
4	CE02038---	R Stationary Table Frame B ASSY		1
5	CE02094---	R Stationary Brush A ASSY		1
6	CE01566--A	R Stationary Brush B ASSY		1
7	CE02097---	Open and Shut Table ASSY		1
8	CE01978---	Shipping ASSY		1
9	CE01979---	Locating Kit		2



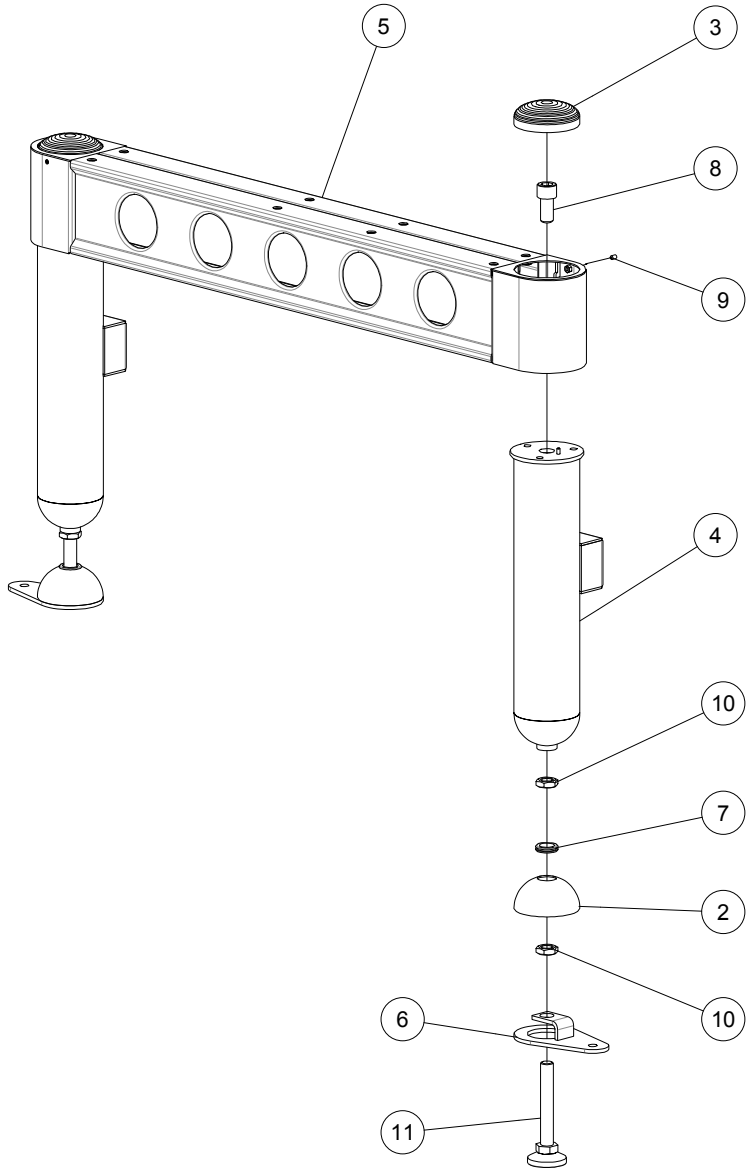
(1) R Stationary Table Base ASSY

CE02088---

Unit No. 591 Brush Table <R Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02088---	R Stationary Table Base ASSY	Index 2-8	1
2	CE02089---	Side Table Support R ASSY		1
3	CE02090---	Side Table Base R ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74183663 P330260034	Hex Socket Cap Screw	M16X50 List Only	2

Unit No. 592 Brush Table <Side Table Support R ASSY>

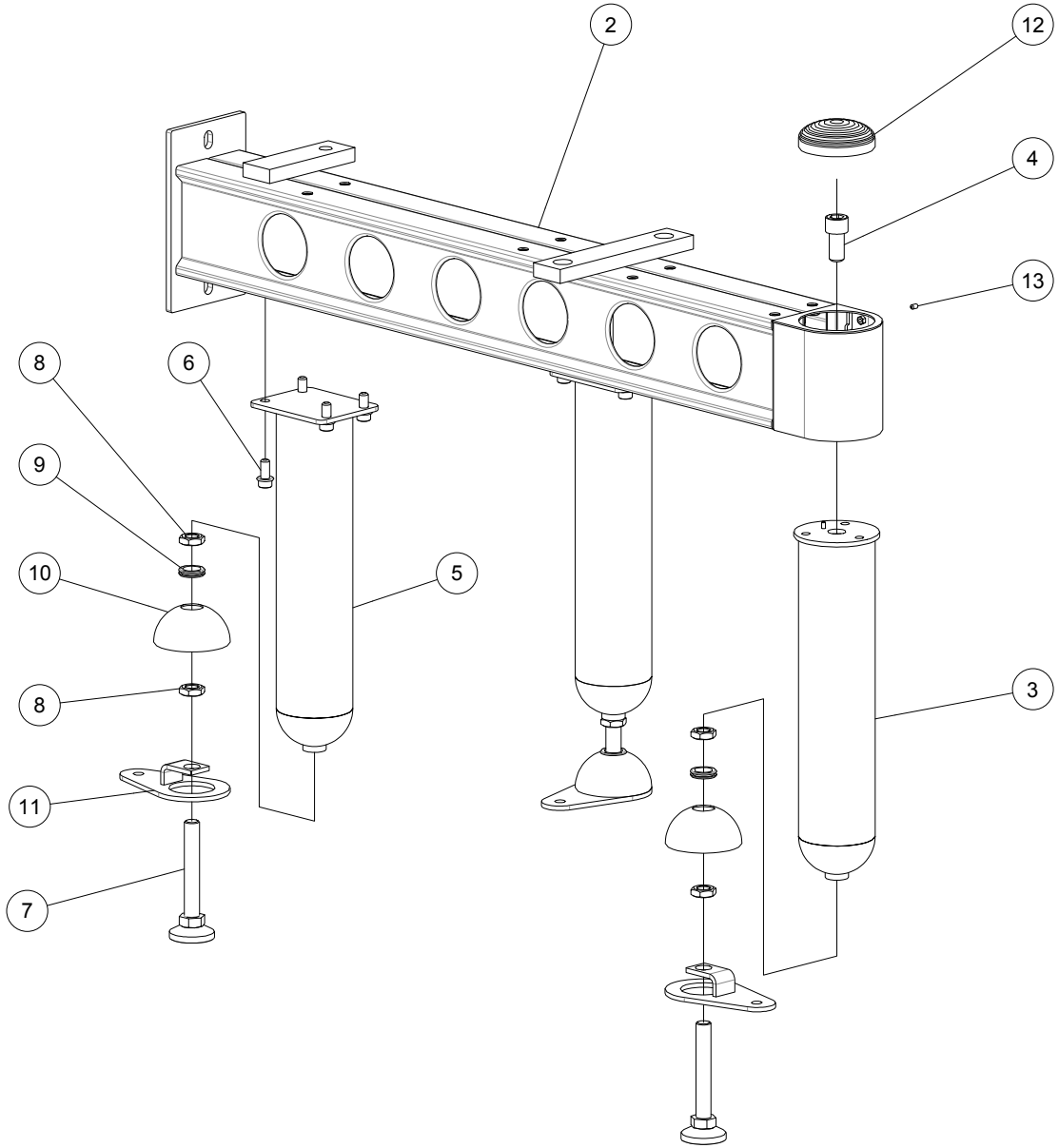


(1) Side Table Support R ASSY

CE02089---

Unit No. 592 Brush Table <Side Table Support R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02089---	Side Table Support R ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74402001 CE01892---	Support Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable	C-30-NG-79-Q TAKIGEN	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw	M6X10(Cup Point) JIS	2
10	74901389 P332000023	Nut	M20(Thin) JIS	4
11	74400373 P384022017	Level Adjuster	KC-275-B-2 TAKIGEN	2



(1) Side Table Base R ASSY

CE02090---

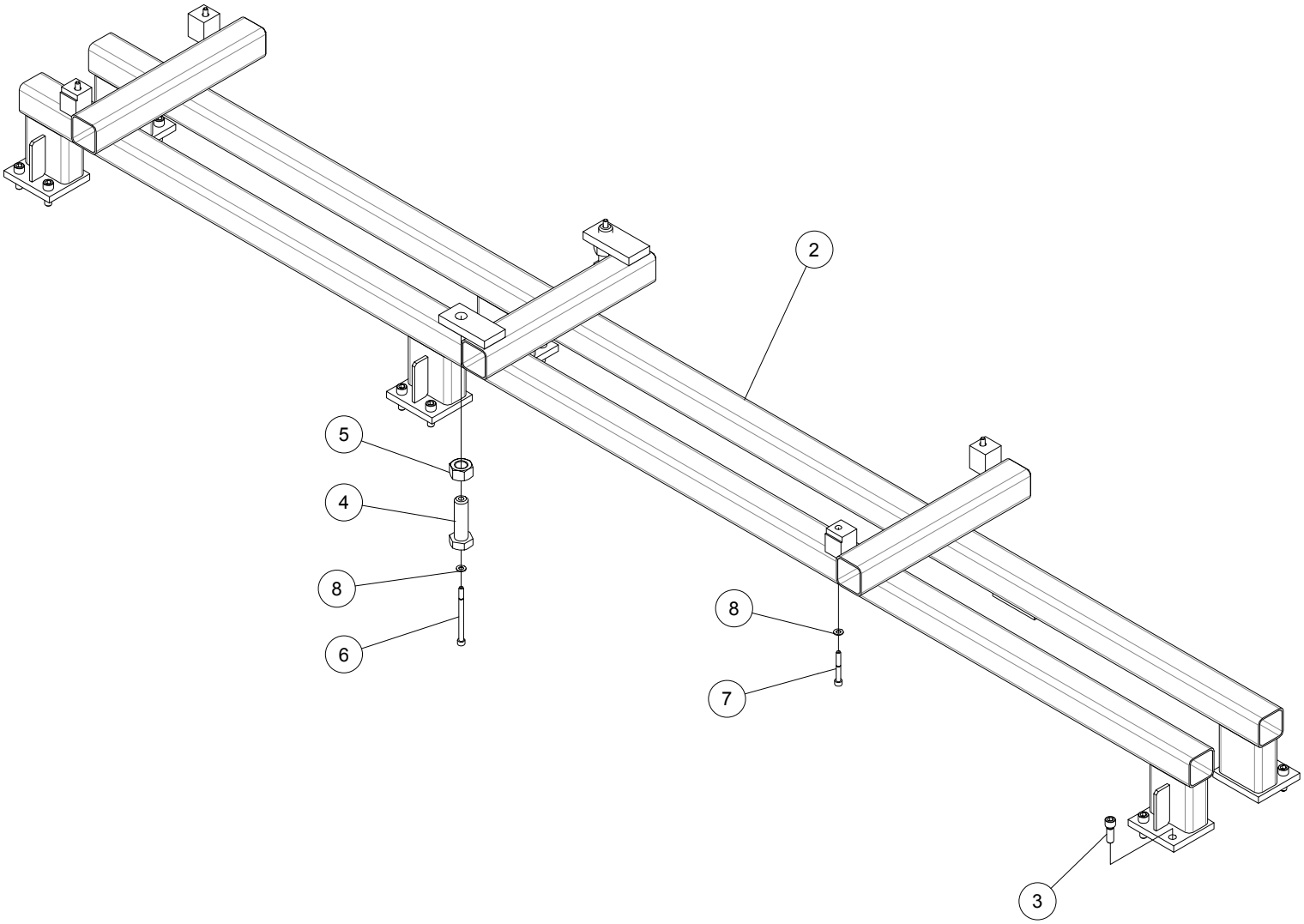
Unit No. 593 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02090---	Side Table Base R ASSY	Index 2-13	2
2	74402002 CE02091---	Side Table Base R		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 593 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

Unit No. 594 Brush Table <R Stationary Table Frame A ASSY>

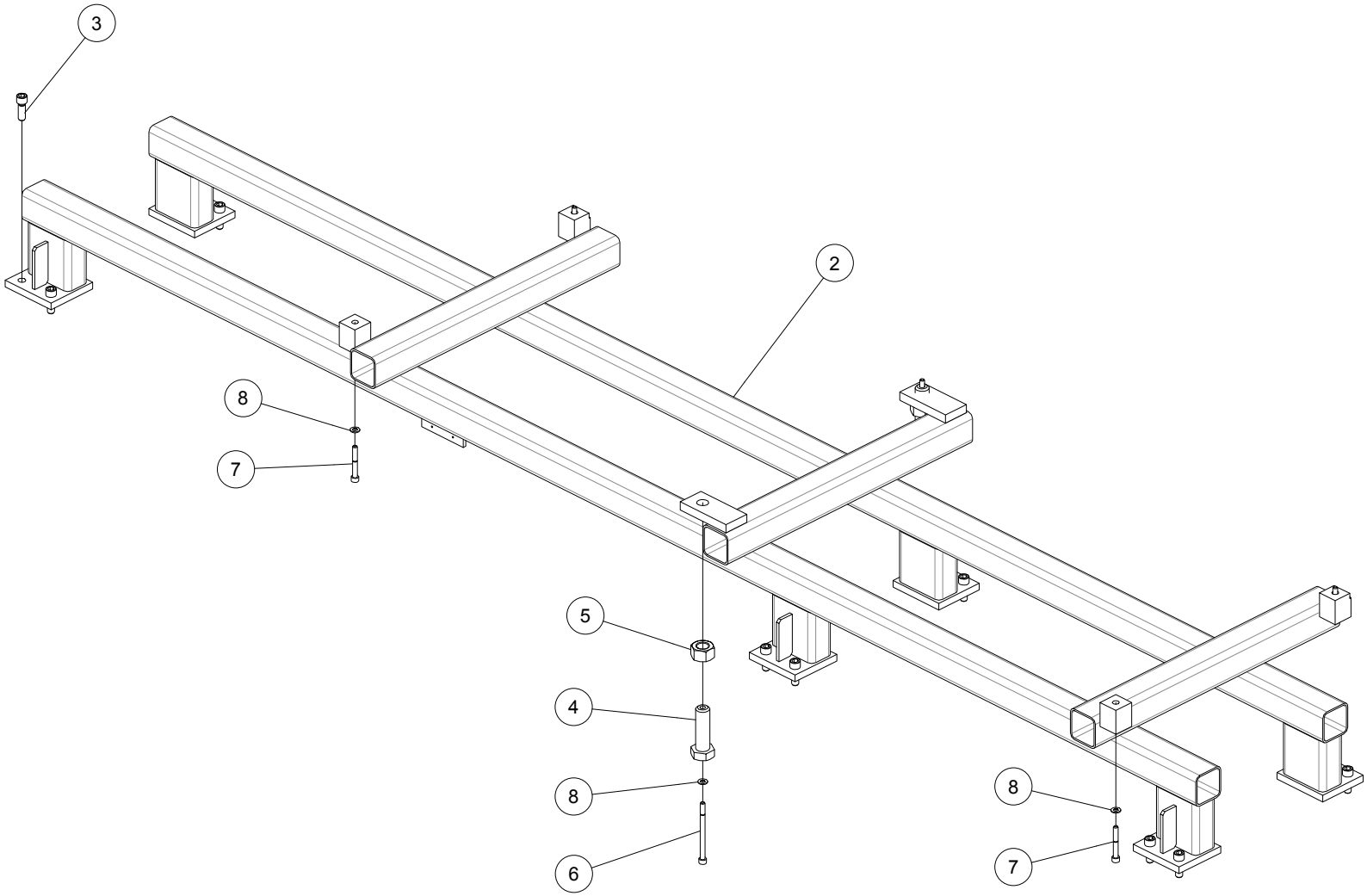


(1) R Stationary Table Frame A ASSY

CE02092---

Unit No. 594 Brush Table <R Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02092---	R Stationary Table Frame A ASSY	Index 2-8	1
2	74402003 / CE02093---	Side Table Frame R1		1
3	74183657 / P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 / 6821834	Jack Bolt	(M24X80)	2
5	74776800 / P332000011	Nut / JIS	M24	2
6	74354331 / P330230024	Hex Socket Cap Screw / MOURI	M8X110	2
7	74183631 / P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 / P336000006	Washer / JIS	8(Normal)	6

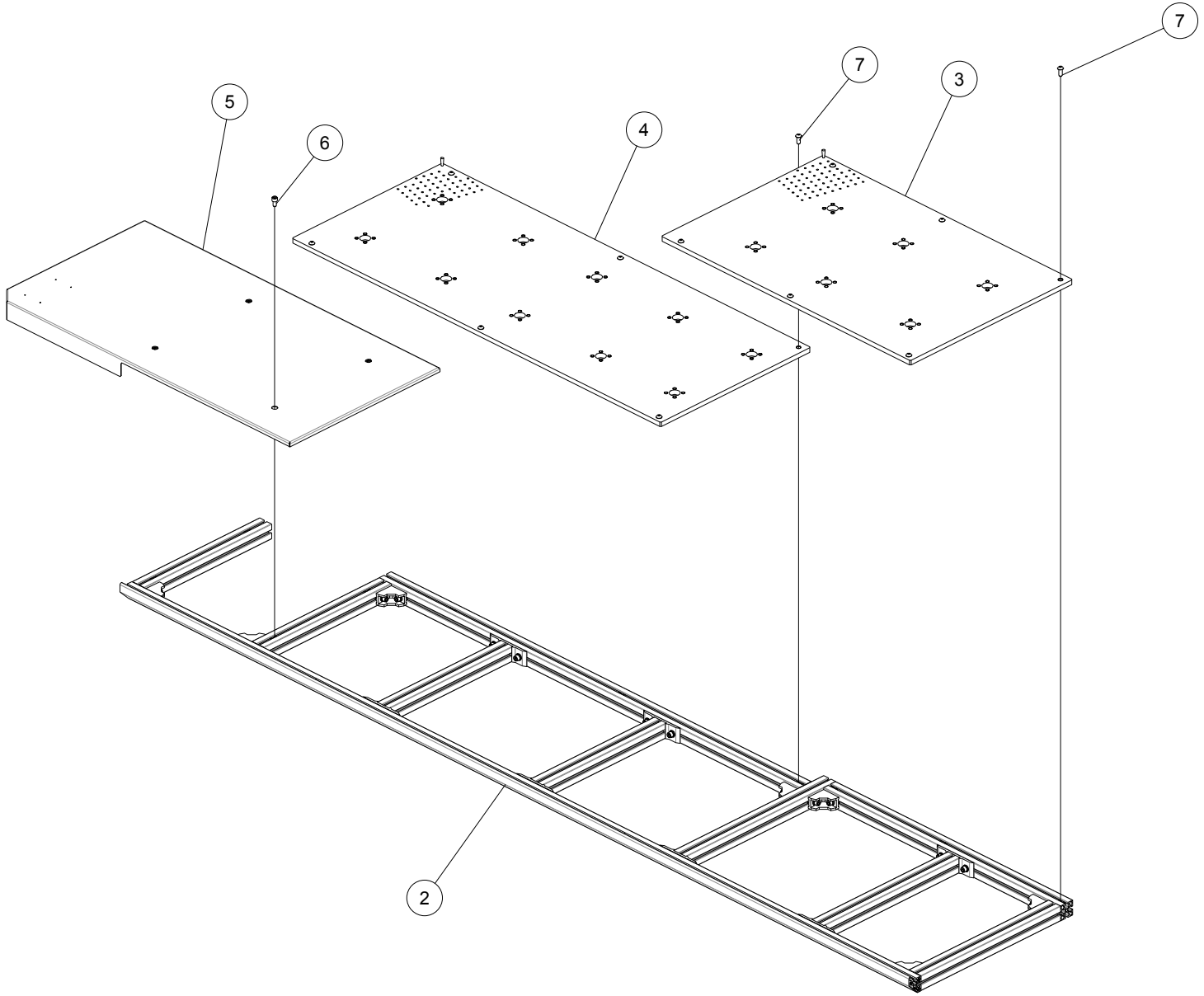


(1) R Stationary Table Frame B ASSY

CE02038---

Unit No. 595 Brush Table <R Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02038---	R Stationary Table Frame B ASSY	Index 2-8	1
2	74402004 CE02039--A	Side Table Frame R2		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	3
5	74776800 P332000011	Nut JIS	M24	3
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	3
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 P336000006	Washer JIS	8(Normal)	9

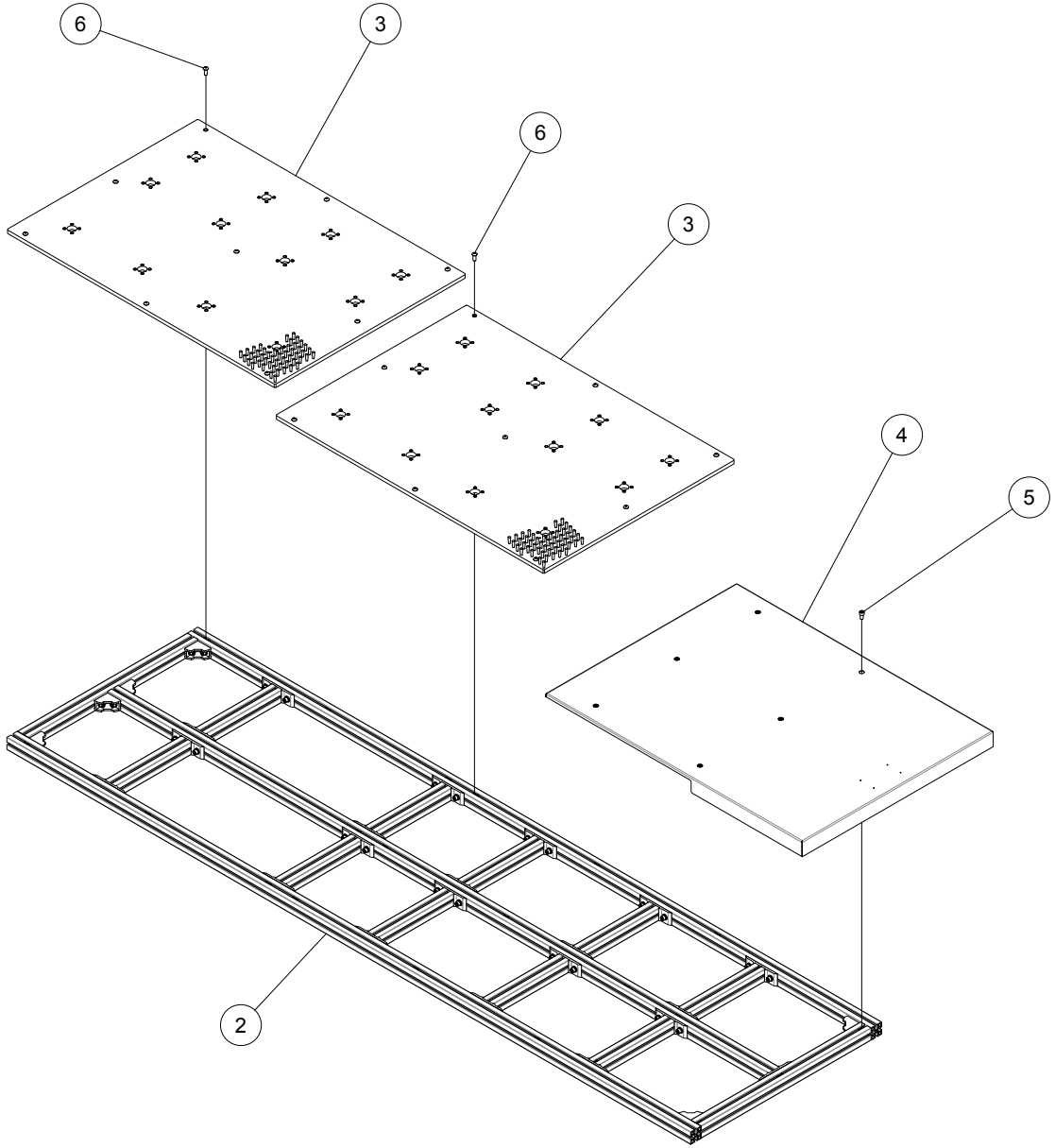


(1) R Stationary Brush A ASSY

CE02094---

Unit No. 596 Brush Table <R Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02094---	R Stationary Brush A ASSY	Index 2-7	1
2	74402005 7831438---	Stationary Table (R) A NIC		1
3	74402006 CE02095---	MDF Brush K-7		1
4	74402007 CE02096---	MDF Brush K-8		1
5	74402008 CE02073---	Cover Table R-1		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	12



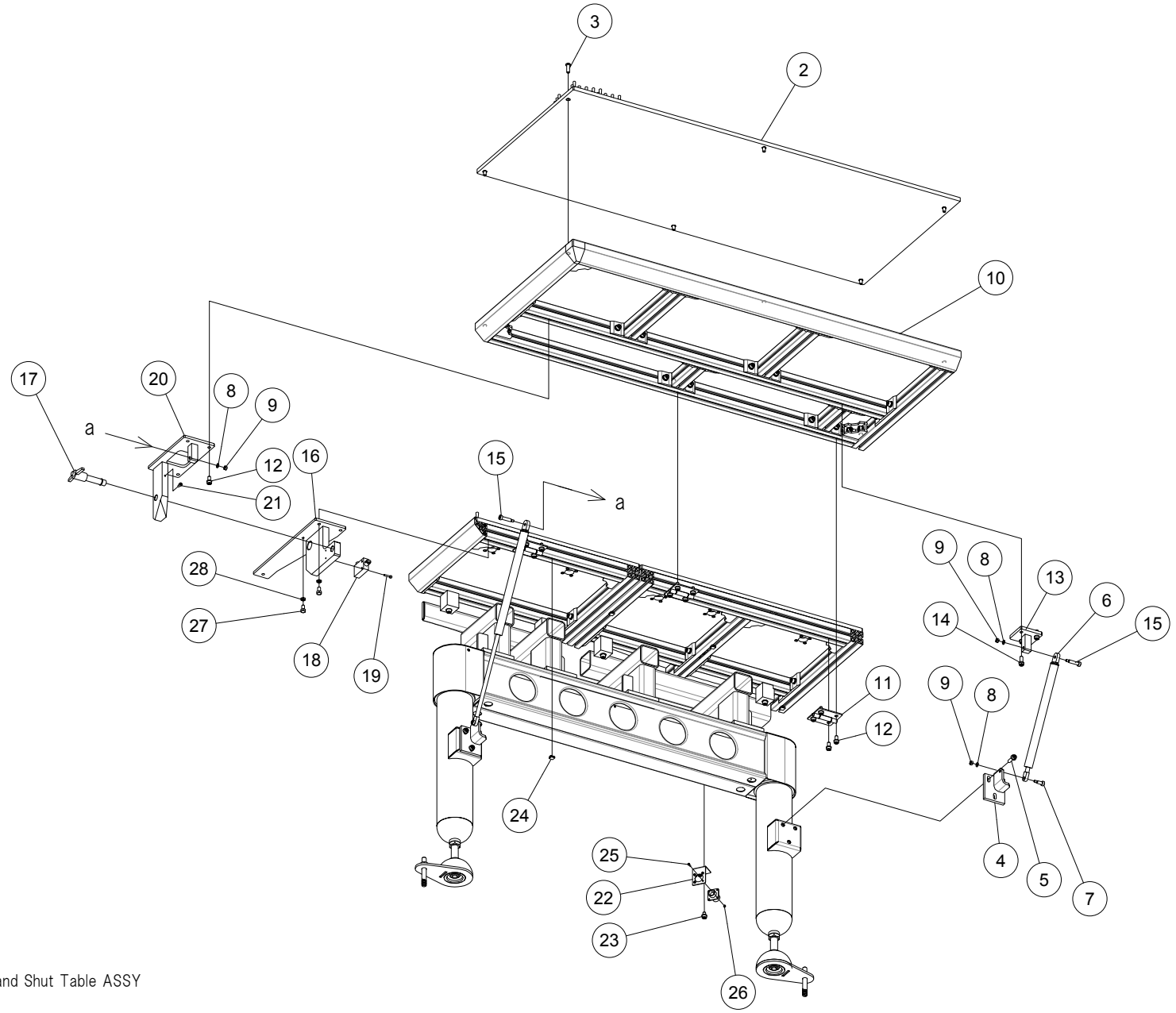
(1) R Stationary Brush B ASSY

CE01566--A

Unit No. 597 Brush Table <R Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		R Stationary Brush B ASSY		1
	CE01566--A		Index 2-6	
2	74402009	Stationary Table (R) B		1
	7831423---	NIC		
3	74402010	MDF Brush K-1		2
	CE01568---			
4	74402011	Cover Table R-2		1
	CE02074---			
5	74183620	Hex Socket Cap Screw	M8X15	6
	P330230004			
6	74183316	Button Head Screw	M8X20	18
	P334500020			

Unit No. 598 Brush Table <Open and Shut Table ASSY>



1 Open and Shut Table ASSY

CE02097---

Unit No. 598 Brush Table <Open and Shut Table ASSY>

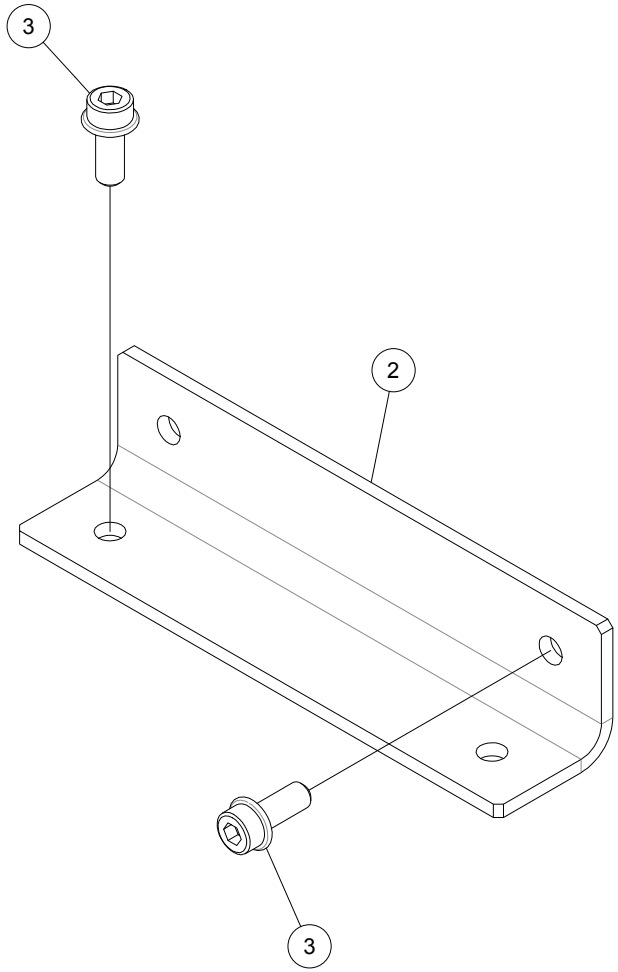
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02097---	Open and Shut Table ASSY	Index 2-28	1
2	74402012 CE02098--A	MDF Brush K-12		1
3	74722756 P334500021	Button Head Screw	M8X25	6
4	74901454 3835239---	Gas Spring Bracket 1	F65X9	2
5	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	6
6	74400465 P317558024	Gas Spring TOKICO NAGANO	GS068-3076B	2
7	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	2
8	74159714 P336000005	Washer JIS	6(Normal)	4
9	74776795 P332000004	Nut JIS	M6	4
10	74402013 7831439---	Open and Shut Table NIC		1
11	74417417 6871180	Hinge Add Works		3
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	19

Unit No. 598 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417418 6871181	Gas Spring Bracket	F65X9	1
14	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
15	74379250 P338134019	Shoulder Screw MISUMI	MSB8-30	2
16	74402014 WA00429--A	Pin Bracket		1
17	74569793 P337108002	Locating Pin IMAO Mfg	BJ773-16050	1
18	74400469 CE01973---	Cable S-18 (1)		1
19	74183602 P330200021	Hex Socket Cap Screw	M4X20	2
20	74417422 6875689	Gas Spring Pin Bracket		1
21	74183604 P330210003	Hex Socket Cap Screw	M5X10	1
22	74400957 WA00424---	Cable Bracket S-18		1
23	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
24	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	4

Unit No. 598 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
26	74183201 P332000001	Nut JIS	M3	4
27	79567302 P330030004	Bolt	M8X15	1
28	74722743 P332000018	Nut JIS	M8(Thin)	1

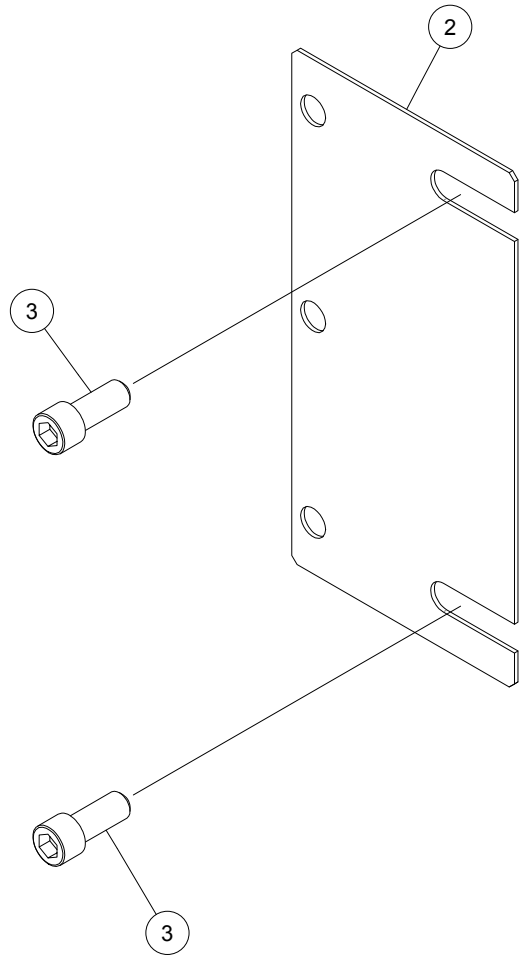


(1) Shipping ASSY

CE01978---

Unit No. 599 Brush Table <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Shipping ASSY		1
	CE01978---		Index 23	
2	74417424	Shipping Bracket (Open and Shut Table)		1
	6875722			
3	74385450	Flange Socket Bolt	M8X20	4
	P330468001	NISSAN NEJI		

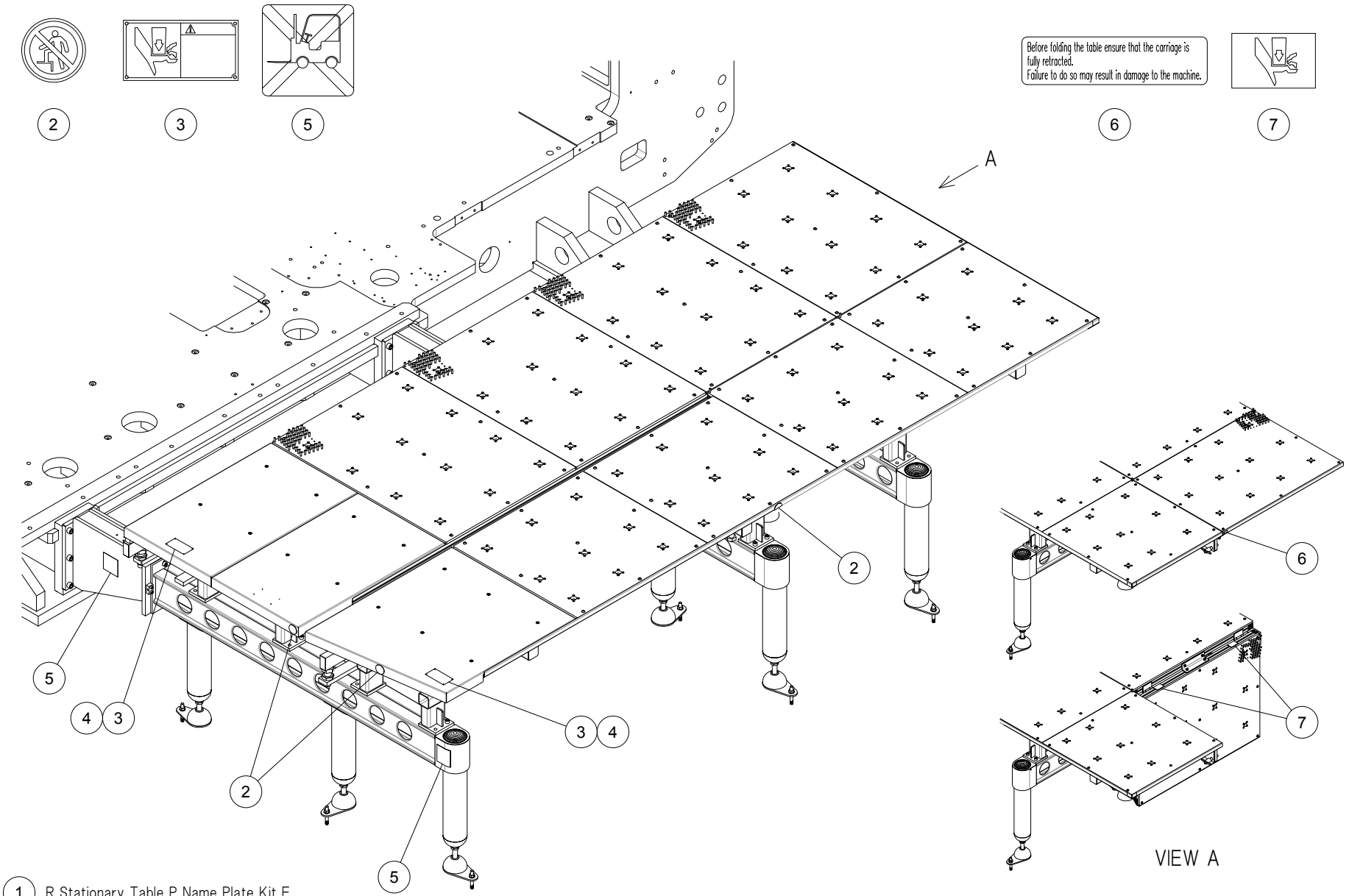


(1) Locating Kit

CE01979---

Unit No. 600 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 CE01899---	Shim		1
3	74183656 P330250005	Hex Socket Cap Screw	M12X30	2

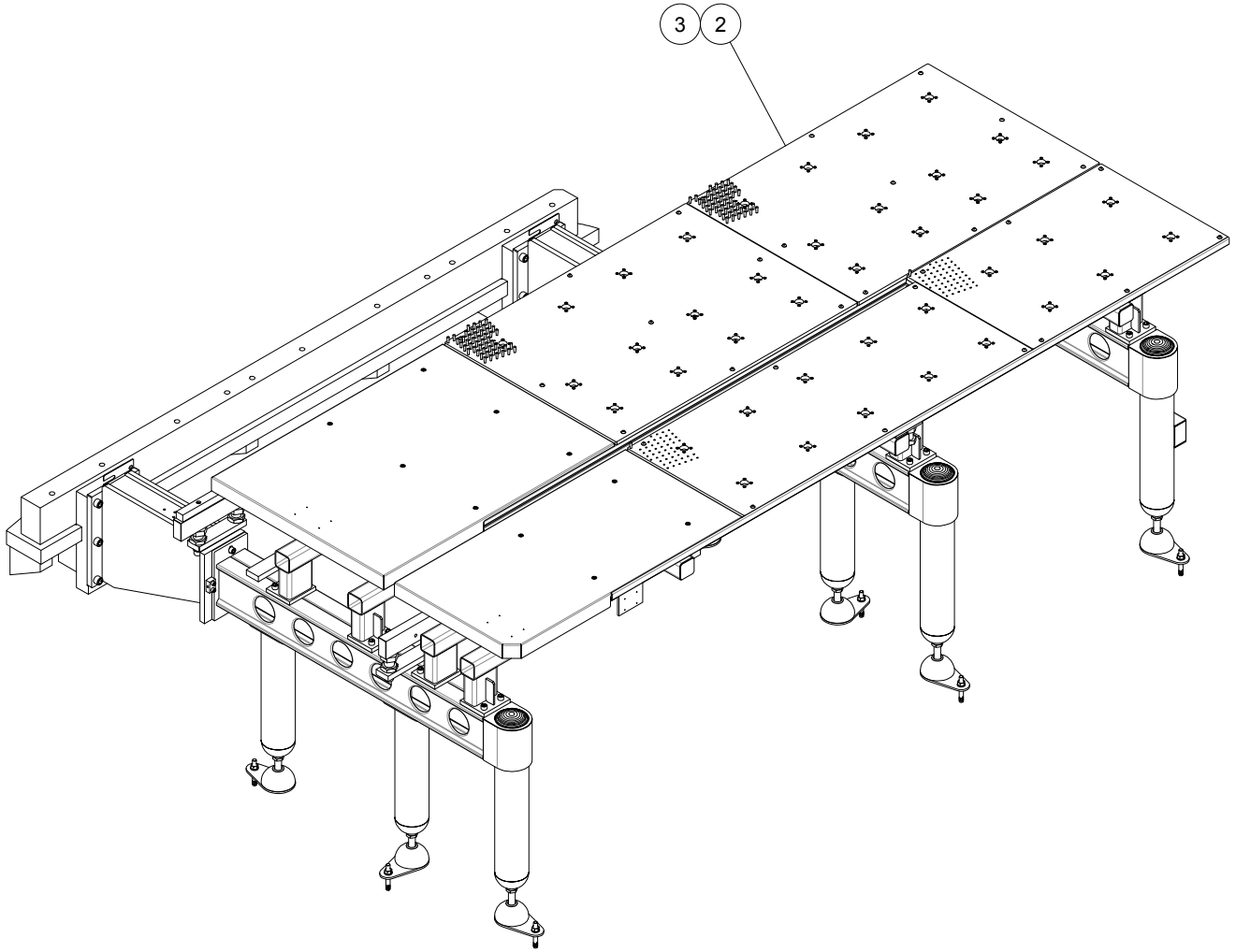


1 R Stationary Table P Name Plate Kit E

CE01995---

Unit No. 601 Brush Table <R Stationary Table P Name Plate Kit E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01995---	R Stationary Table P Name Plate Kit E	Index 2-8	1
2	74902622 MA04190---	Warning Plate		5
3	74776543 6045924	Warning Plate 3		2
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
5	74419480 3809322	Caution Plate		2
6	74415370 6870239	Caution Plate		1
7	74417425 6828694	Warning Plate		2
8	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6

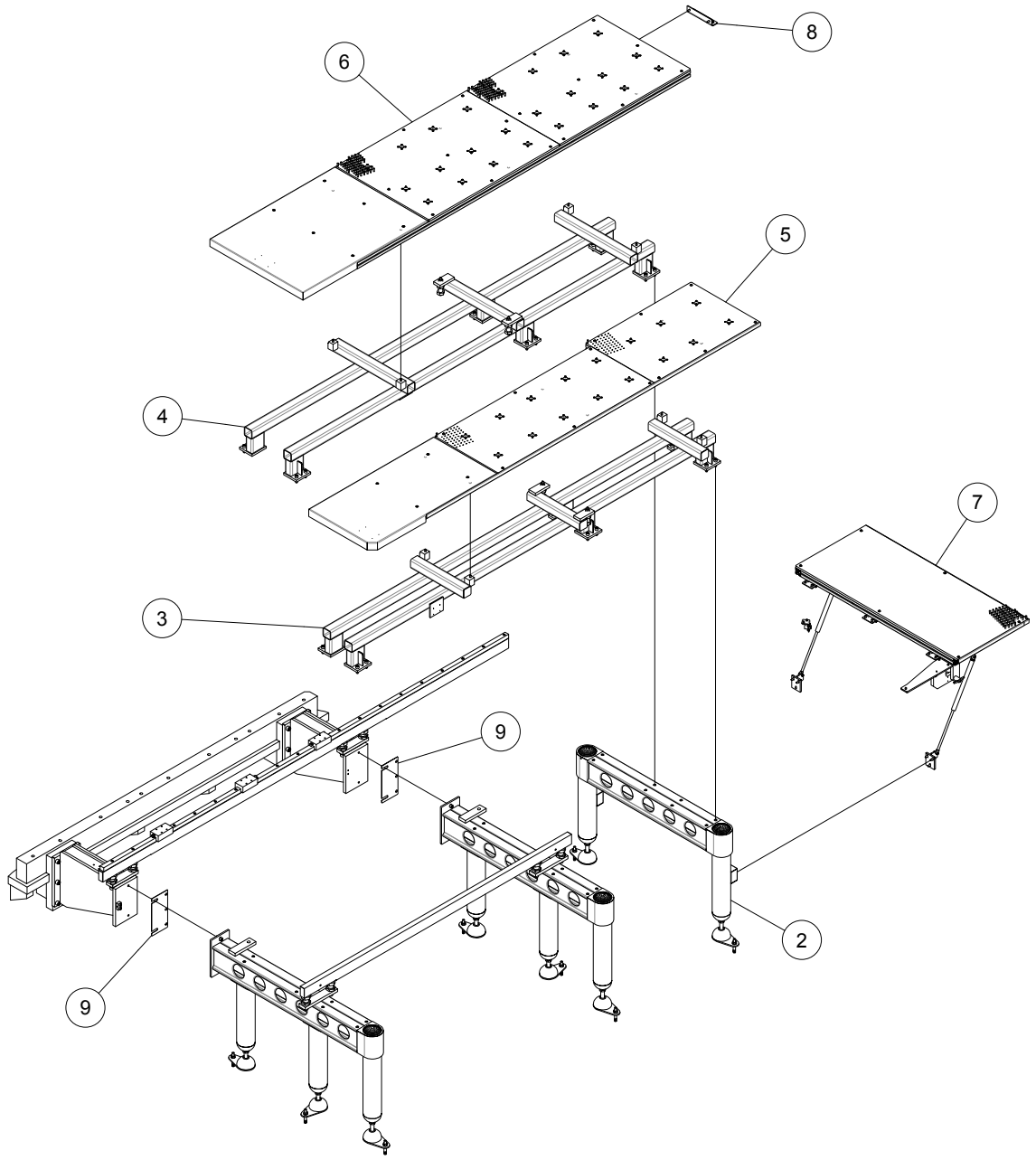


(1) R Stationary Table M C

CE02086---

Unit No. 602 Brush Table <R Stationary Table M C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02086---	R Stationary Table M C	Index 23	1
2	CE02087---	R Stationary Table ASSY		1
3	CE01996---	R Stationary Table P Name Plate Kit C		1

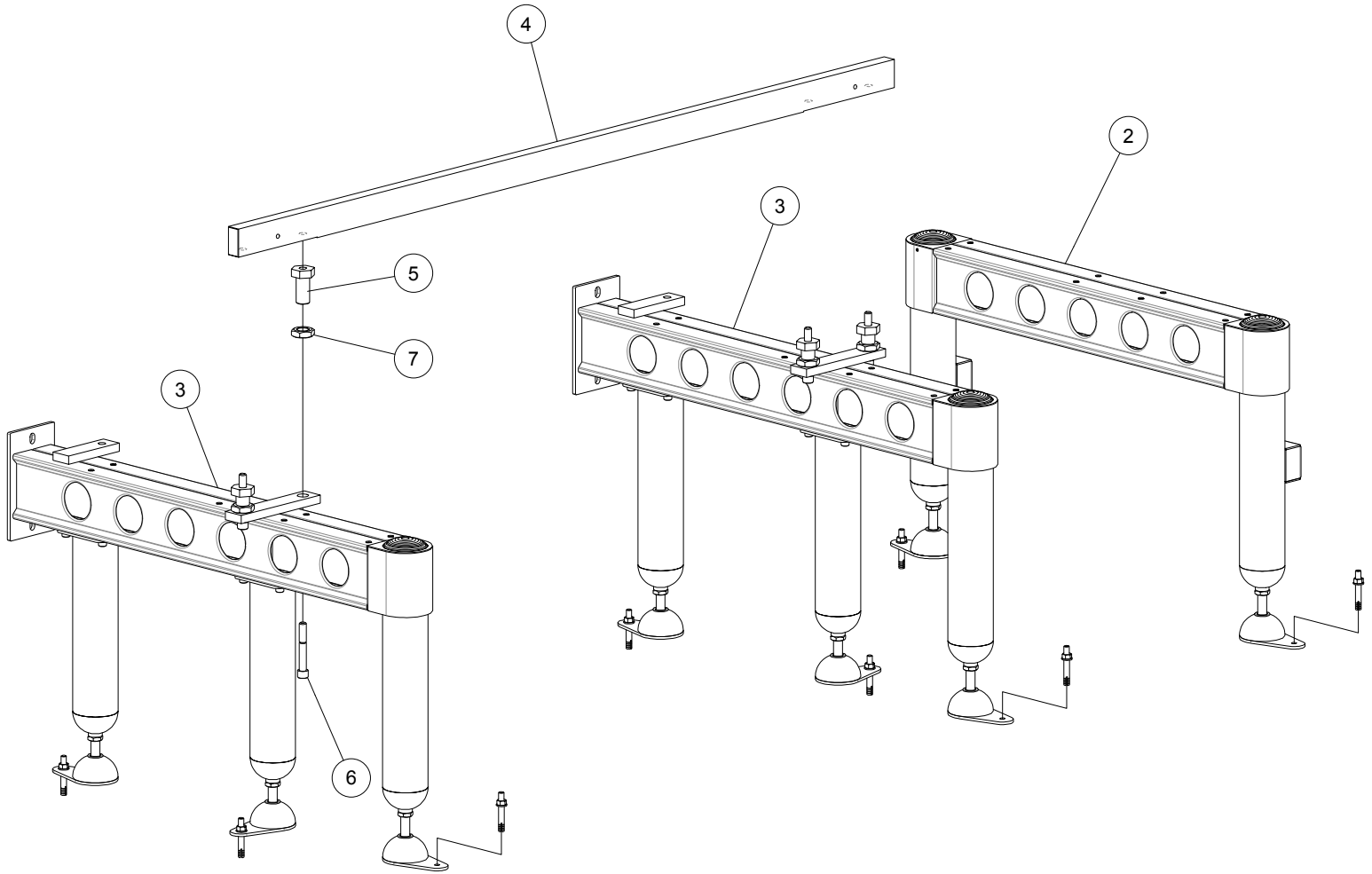


(1) R Stationary Table ASSY

CE02087---

Unit No. 603 Brush Table <R Stationary Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02087---	R Stationary Table ASSY	Index 2-9	1
2	CE02088---	R Stationary Table Base ASSY		1
3	CE02092---	R Stationary Table Frame A ASSY		1
4	CE02038---	R Stationary Table Frame B ASSY		1
5	CE02094---	R Stationary Brush A ASSY		1
6	CE01566--A	R Stationary Brush B ASSY		1
7	CE02097---	Open and Shut Table ASSY		1
8	CE01978---	Shipping ASSY		1
9	CE01979---	Locating Kit		2

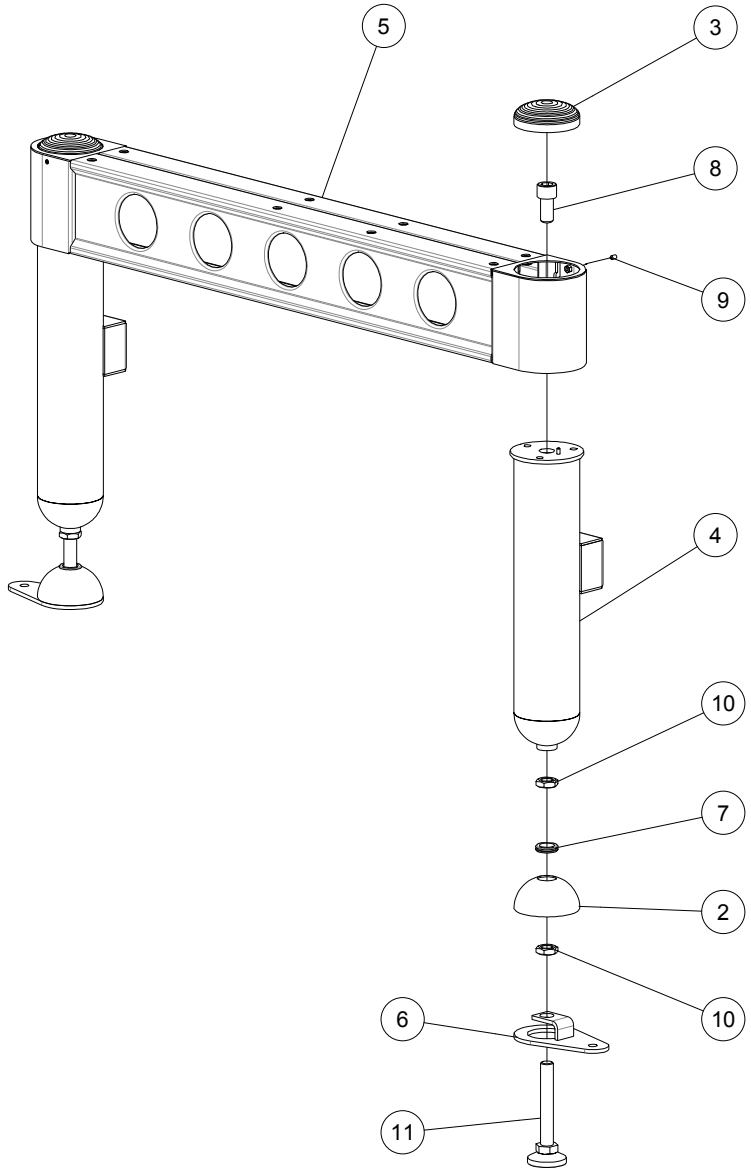


(1) R Stationary Table Base ASSY

CE02088---

Unit No. 604 Brush Table <R Stationary Table Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02088---	R Stationary Table Base ASSY	Index 2-8	1
2	CE02089---	Side Table Support R ASSY		1
3	CE02090---	Side Table Base R ASSY		2
4	74401973 CE02048---	Sub Guide Rail		1
5	74400351 CE01867---	Adjust Bolt B M30		4
6	74302831 P330260045	Hex Socket Cap Screw	M16X110	4
7	74400352 P332000025	Nut JIS	M30(Thin)	4
8	74183663 P330260034	Hex Socket Cap Screw	M16X50 List Only	2

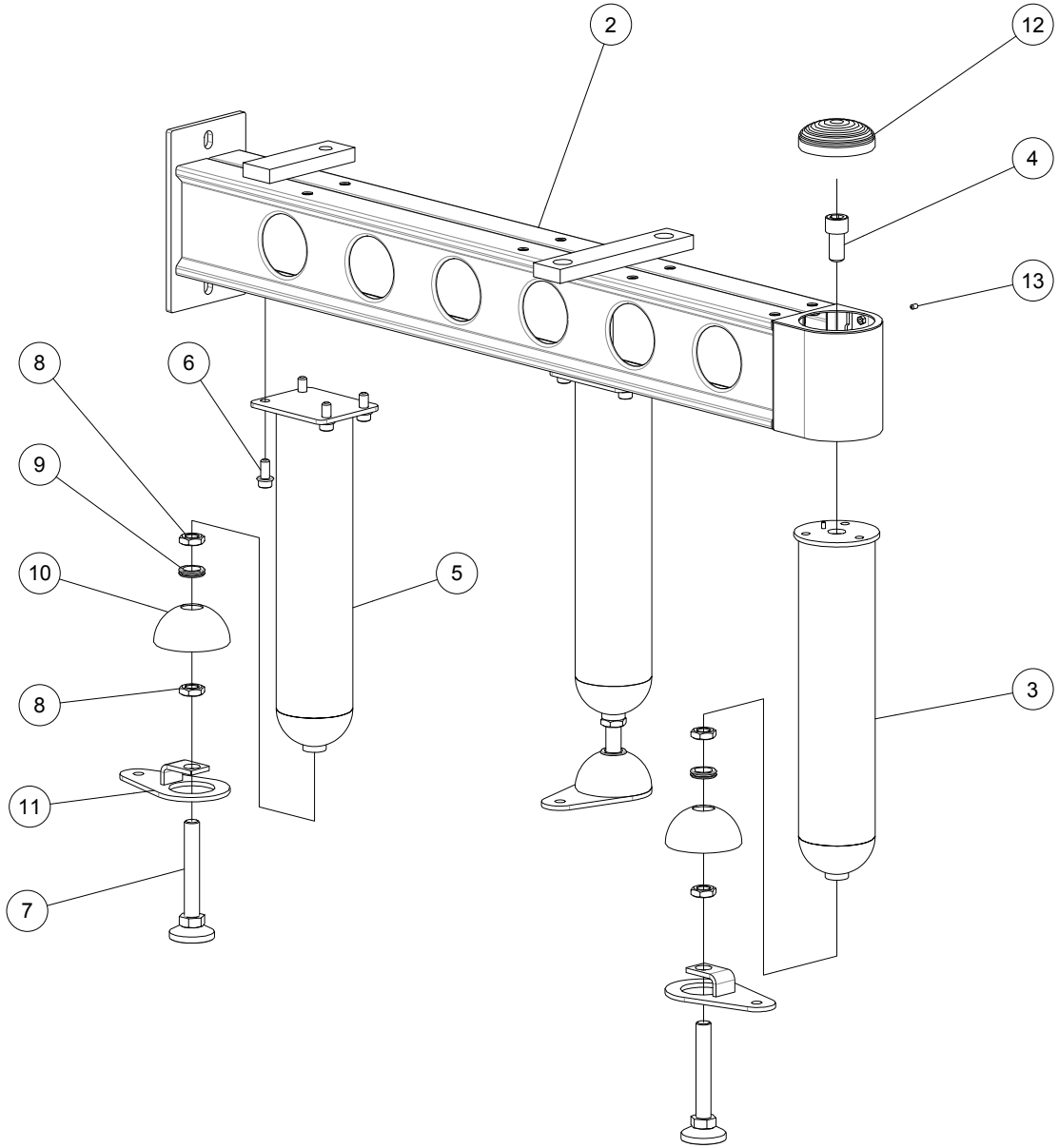


(1) Side Table Support R ASSY

CE02089---

Unit No. 605 Brush Table <Side Table Support R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02089---	Side Table Support R ASSY	Index 2-11	1
2	74419475 3807879	Level Adjuster Cover		2
3	74419474 6879678	Cap		2
4	74402001 CE01892---	Support Stand		2
5	74401974 CE02062---	Side Table Support		1
6	74400375 CE00799---	Anchor Bracket		2
7	74400374 P229112053	Bush for Cable	C-30-NG-79-Q TAKIGEN	2
8	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
9	74353803 P330590019	Socket Set Screw	M6X10(Cup Point) JIS	2
10	74901389 P332000023	Nut	M20(Thin) JIS	4
11	74400373 P384022017	Level Adjuster	KC-275-B-2 TAKIGEN	2



(1) Side Table Base R ASSY

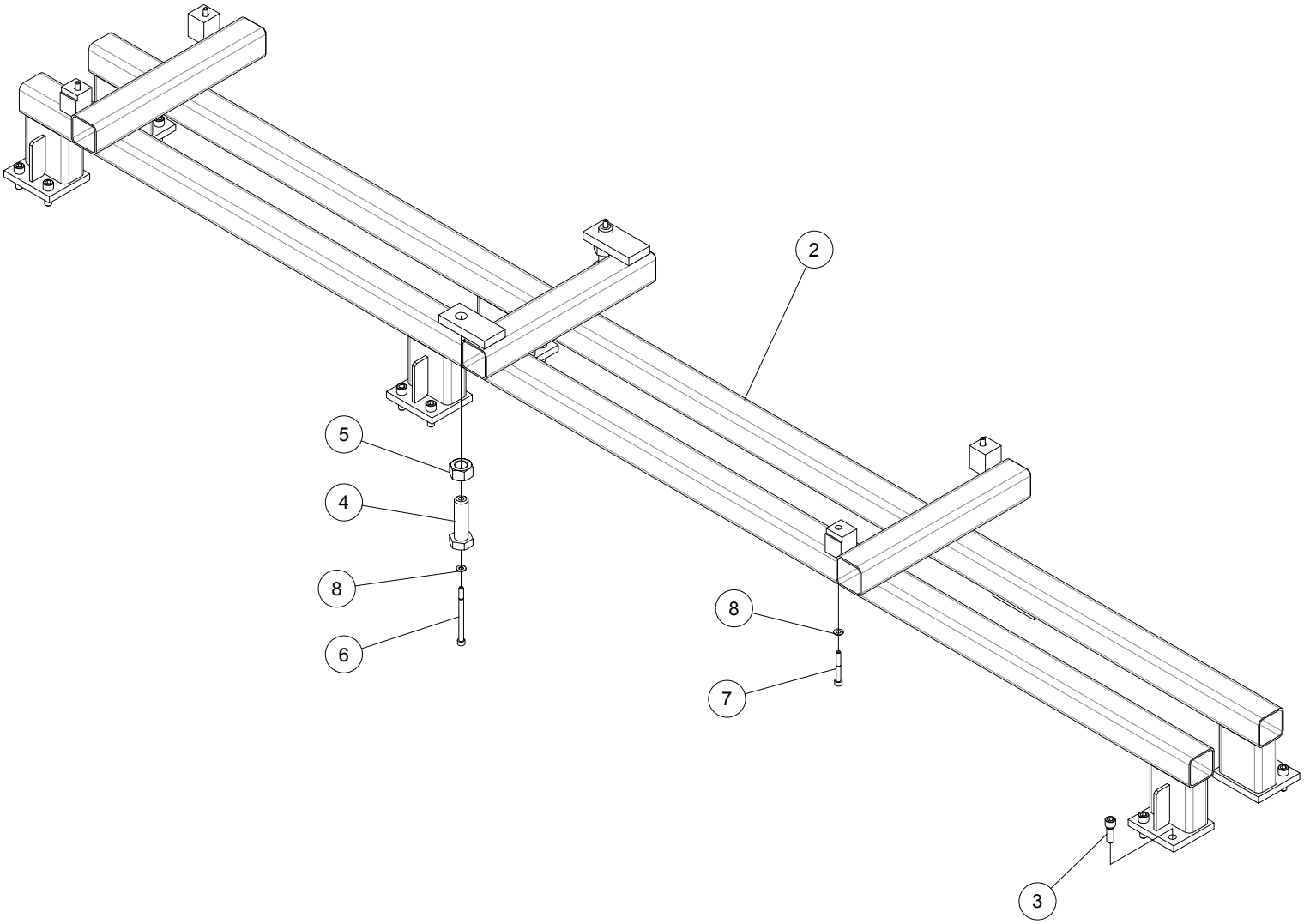
CE02090---

Unit No. 606 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02090---	Side Table Base R ASSY	Index 2-13	2
2	74402002 CE02091---	Side Table Base R		1
3	74419473 6879686	Stand		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	1
5	74401976 CE00798---	Stand B		2
6	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	8
7	74400373 P384022017	Level Adjuster TAKIGEN	KC-275-B-2	3
8	74901389 P332000023	Nut JIS	M20(Thin)	6
9	74400374 P229112053	Bush for Cable TAKIGEN	C-30-NG-79-Q	3
10	74419475 3807879	Level Adjuster Cover		3
11	74400375 CE00799---	Anchor Bracket		3
12	74419474 6879678	Cap		1

Unit No. 606 Brush Table <Side Table Base R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74353803	Socket Set Screw	M6X10(Cup Point)	1
	P330590019	JIS		

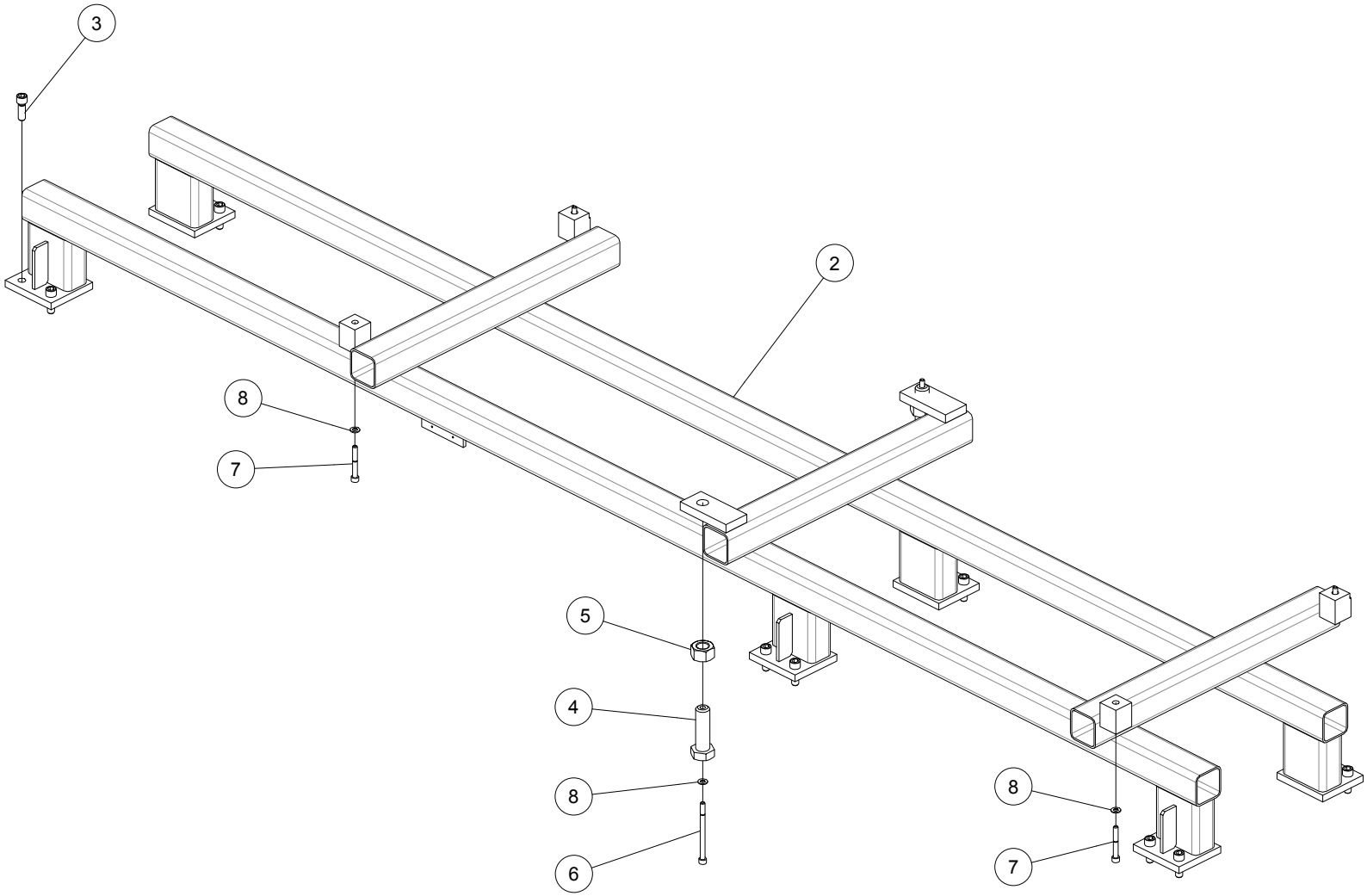


(1) R Stationary Table Frame A ASSY

CE02092---

Unit No. 607 Brush Table <R Stationary Table Frame A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02092---	R Stationary Table Frame A ASSY	Index 2-8	1
2	74402003 CE02093---	Side Table Frame R1		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	2
5	74776800 P332000011	Nut JIS	M24	2
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	2
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
8	74183027 P336000006	Washer JIS	8(Normal)	6

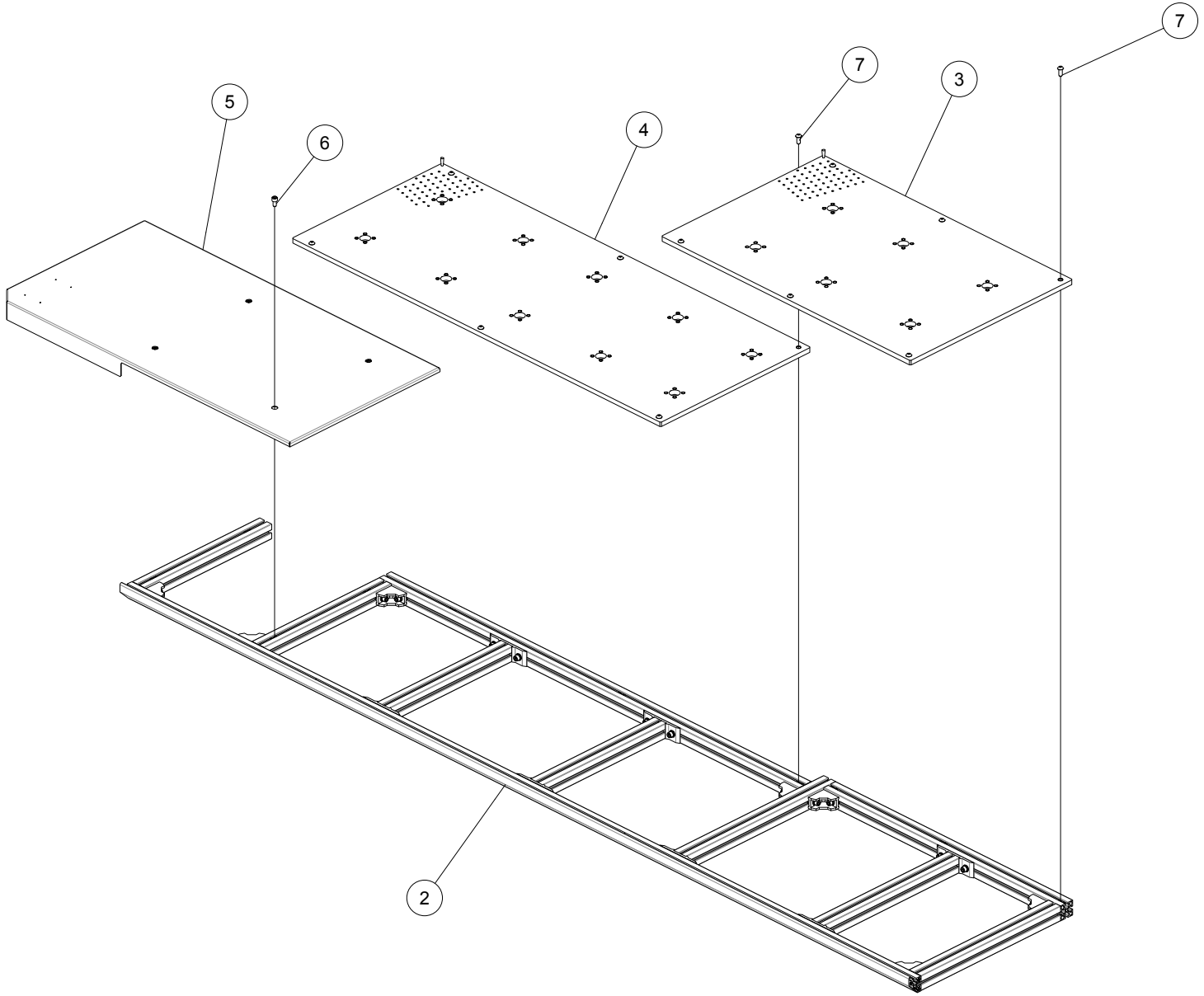


(1) R Stationary Table Frame B ASSY

CE02038---

Unit No. 608 Brush Table <R Stationary Table Frame B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02038---	R Stationary Table Frame B ASSY	Index 2-8	1
2	74402004 CE02039--A	Side Table Frame R2		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	12
4	74569742 6821834	Jack Bolt	(M24X80)	3
5	74776800 P332000011	Nut JIS	M24	3
6	74354331 P330230024	Hex Socket Cap Screw MOURI	M8X110	3
7	74183631 P330230014	Hex Socket Cap Screw	M8X60	6
8	74183027 P336000006	Washer JIS	8(Normal)	9

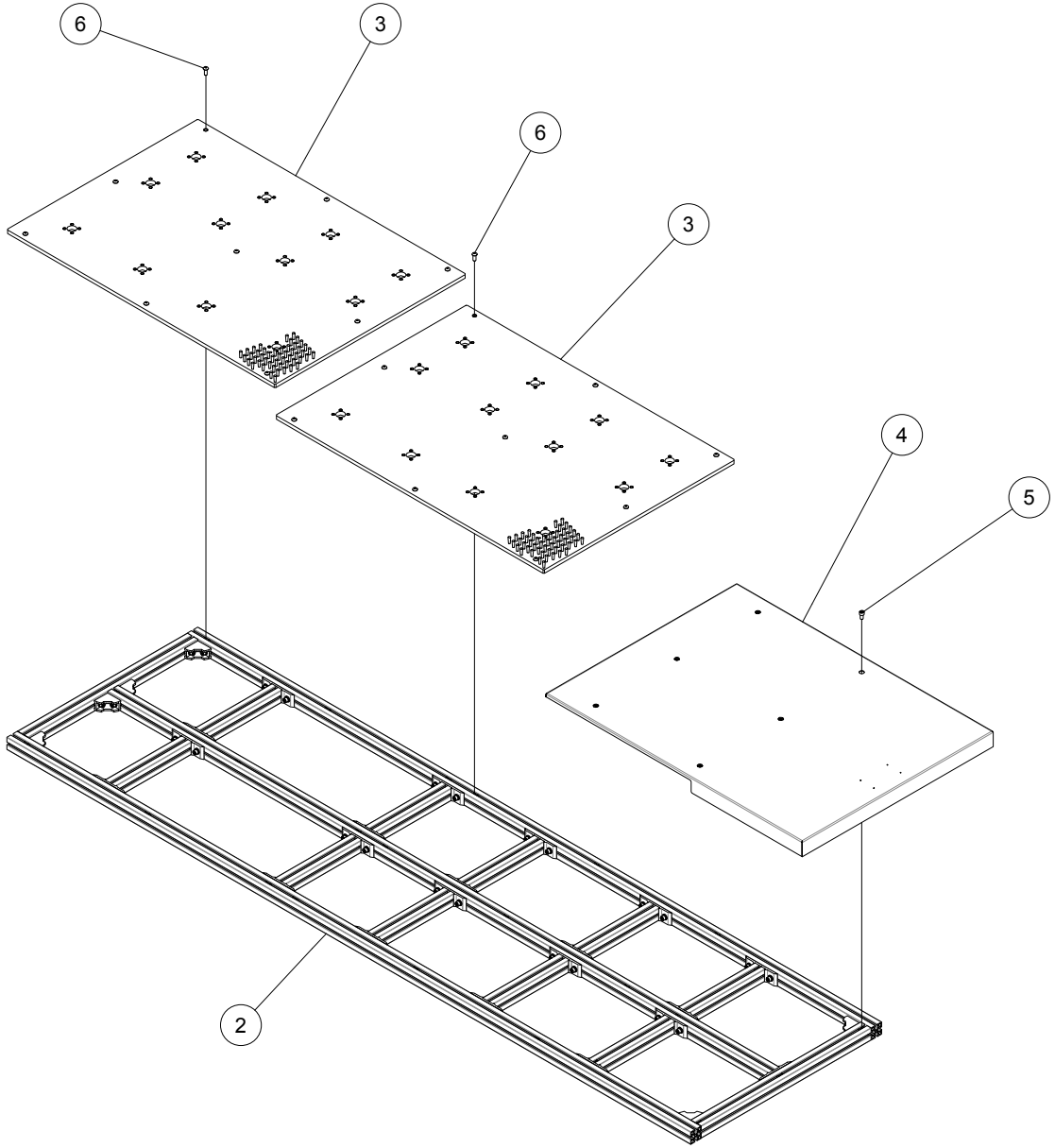


(1) R Stationary Brush A ASSY

CE02094---

Unit No. 609 Brush Table <R Stationary Brush A ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02094---	R Stationary Brush A ASSY	Index 2-7	1
2	74402005 7831438---	Stationary Table (R) A NIC		1
3	74402006 CE02095---	MDF Brush K-7		1
4	74402007 CE02096---	MDF Brush K-8		1
5	74402008 CE02073---	Cover Table R-1		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74183316 P334500020	Button Head Screw	M8X20	12

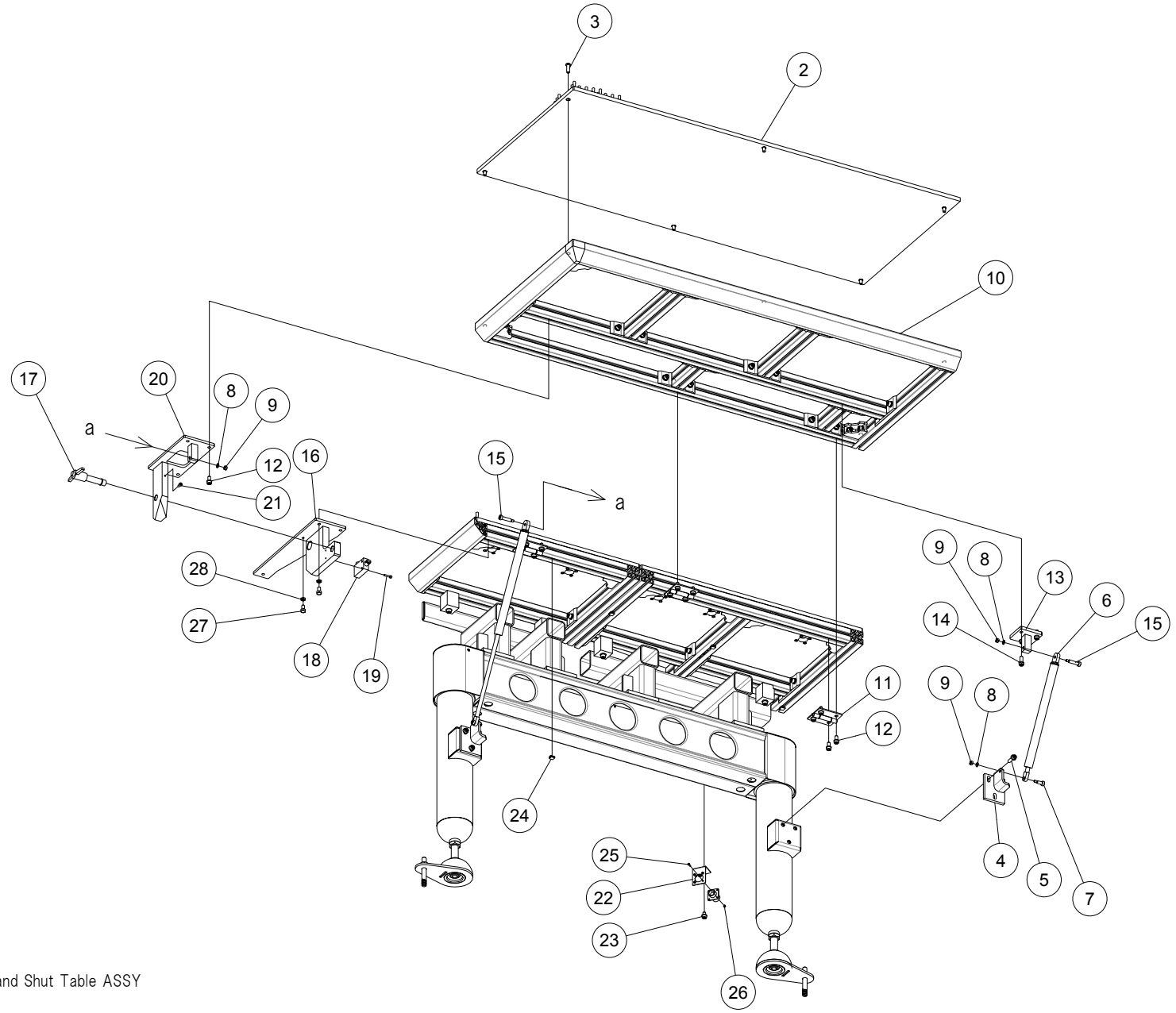


(1) R Stationary Brush B ASSY

CE01566--A

Unit No. 610 Brush Table <R Stationary Brush B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01566--A	R Stationary Brush B ASSY	Index 2-6	1
2	74402009 7831423---	Stationary Table (R) B NIC		1
3	74402010 CE01568---	MDF Brush K-1		2
4	74402011 CE02074---	Cover Table R-2		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
6	74183316 P334500020	Button Head Screw	M8X20	18



(1) Open and Shut Table ASSY

CE02097---

Unit No. 611 Brush Table <Open and Shut Table ASSY>

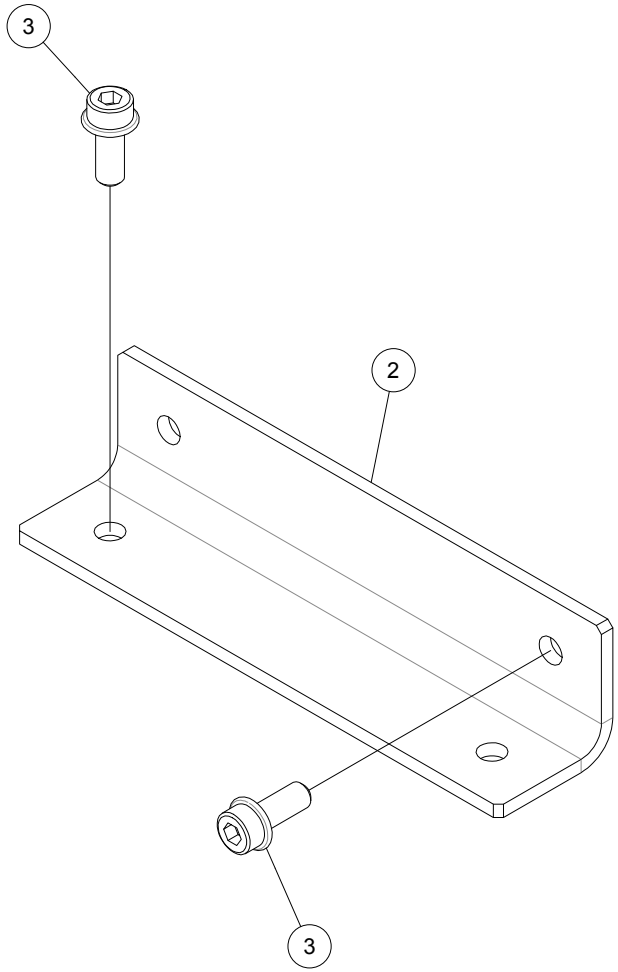
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02097---	Open and Shut Table ASSY	Index 2-28	1
2	74402012 CE02098--A	MDF Brush K-12		1
3	74722756 P334500021	Button Head Screw	M8X25	6
4	74901454 3835239---	Gas Spring Bracket 1	F65X9	2
5	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	6
6	74400465 P317558024	Gas Spring TOKICO NAGANO	GS068-3076B	2
7	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	2
8	74159714 P336000005	Washer JIS	6(Normal)	4
9	74776795 P332000004	Nut JIS	M6	4
10	74402013 7831439---	Open and Shut Table NIC		1
11	74417417 6871180	Hinge Add Works		3
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	19

Unit No. 611 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417418 6871181	Gas Spring Bracket	F65X9	1
14	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
15	74379250 P338134019	Shoulder Screw MISUMI	MSB8-30	2
16	74402014 WA00429--A	Pin Bracket		1
17	74569793 P337108002	Locating Pin IMAO Mfg	BJ773-16050	1
18	74400469 CE01973---	Cable S-18 (1)		1
19	74183602 P330200021	Hex Socket Cap Screw	M4X20	2
20	74417422 6875689	Gas Spring Pin Bracket		1
21	74183604 P330210003	Hex Socket Cap Screw	M5X10	1
22	74400957 WA00424---	Cable Bracket S-18		1
23	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
24	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	4

Unit No. 611 Brush Table <Open and Shut Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
26	74183201 P332000001	Nut JIS	M3	4
27	79567302 P330030004	Bolt	M8X15	1
28	74722743 P332000018	Nut JIS	M8(Thin)	1



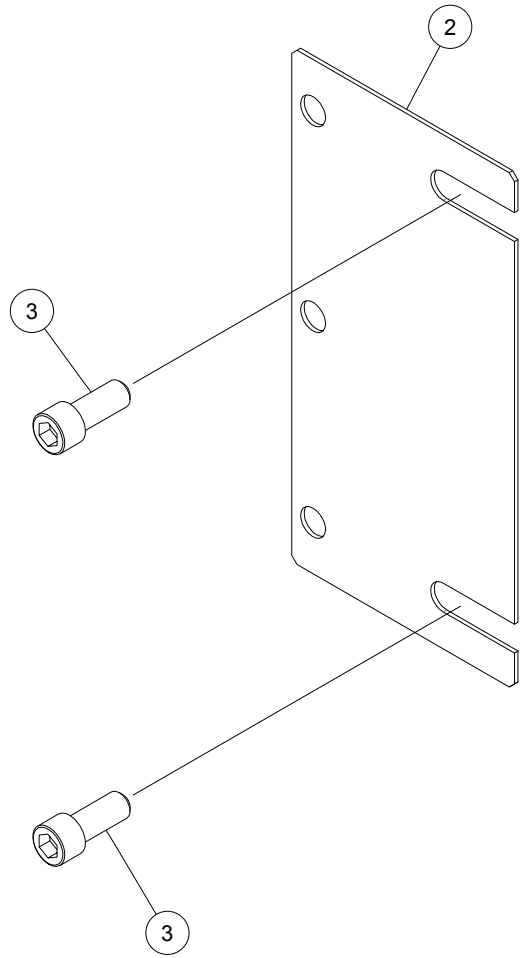
(1) Shipping ASSY

CE01978---

Unit No. 612 Brush Table <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Shipping ASSY		1
	CE01978---		Index 23	
2	74417424	Shipping Bracket (Open and Shut Table)		1
	6875722			
3	74385450	Flange Socket Bolt	M8X20	4
	P330468001	NISSAN NEJI		

Unit No. 613 Brush Table <Locating Kit>

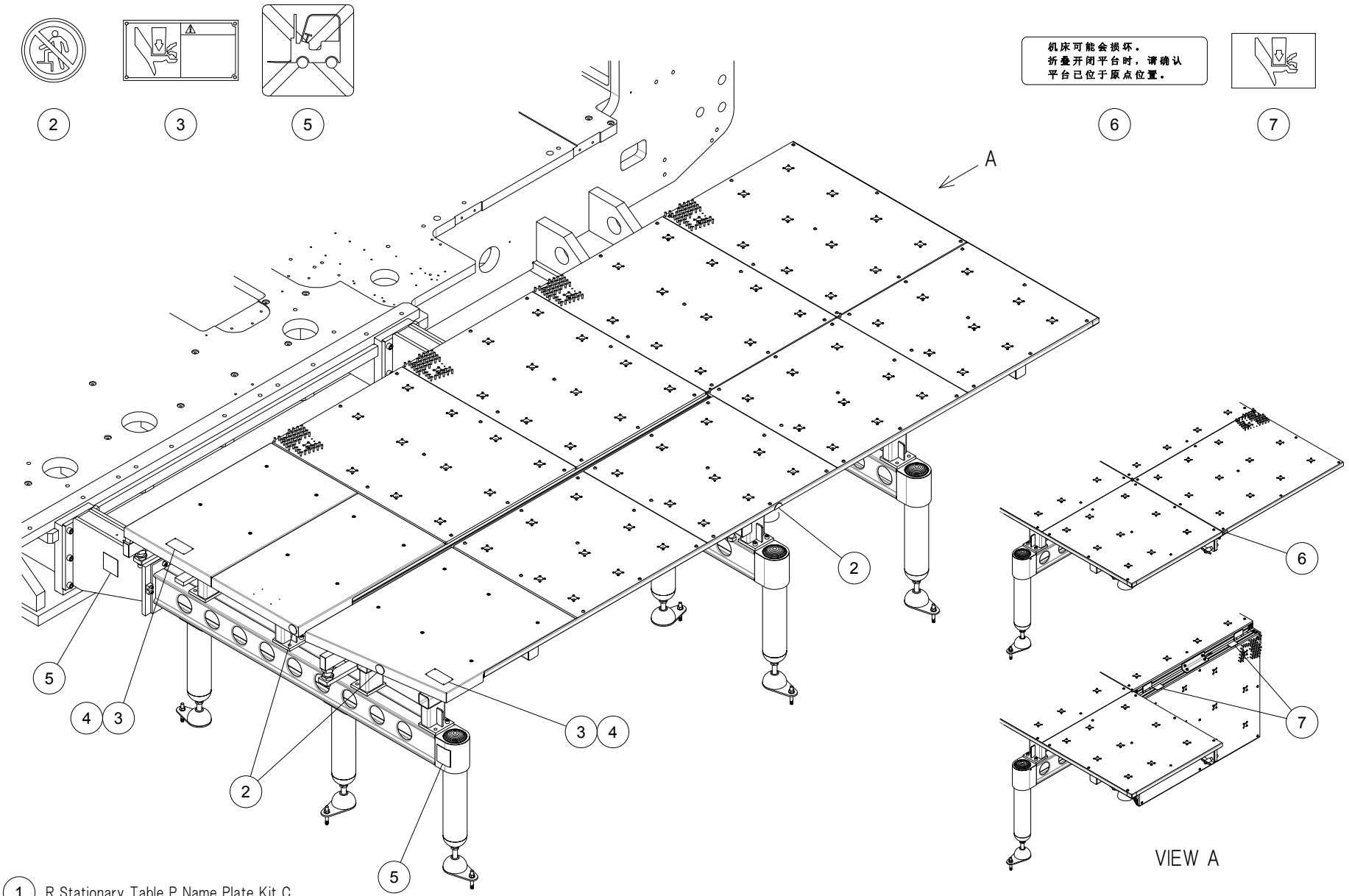


(1) Locating Kit

CE01979---

Unit No. 613 Brush Table <Locating Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01979---	Locating Kit	Index 23	2
2	74400397 / CE01899---	Shim		1
3	74183656 / P330250005	Hex Socket Cap Screw	M12X30	2

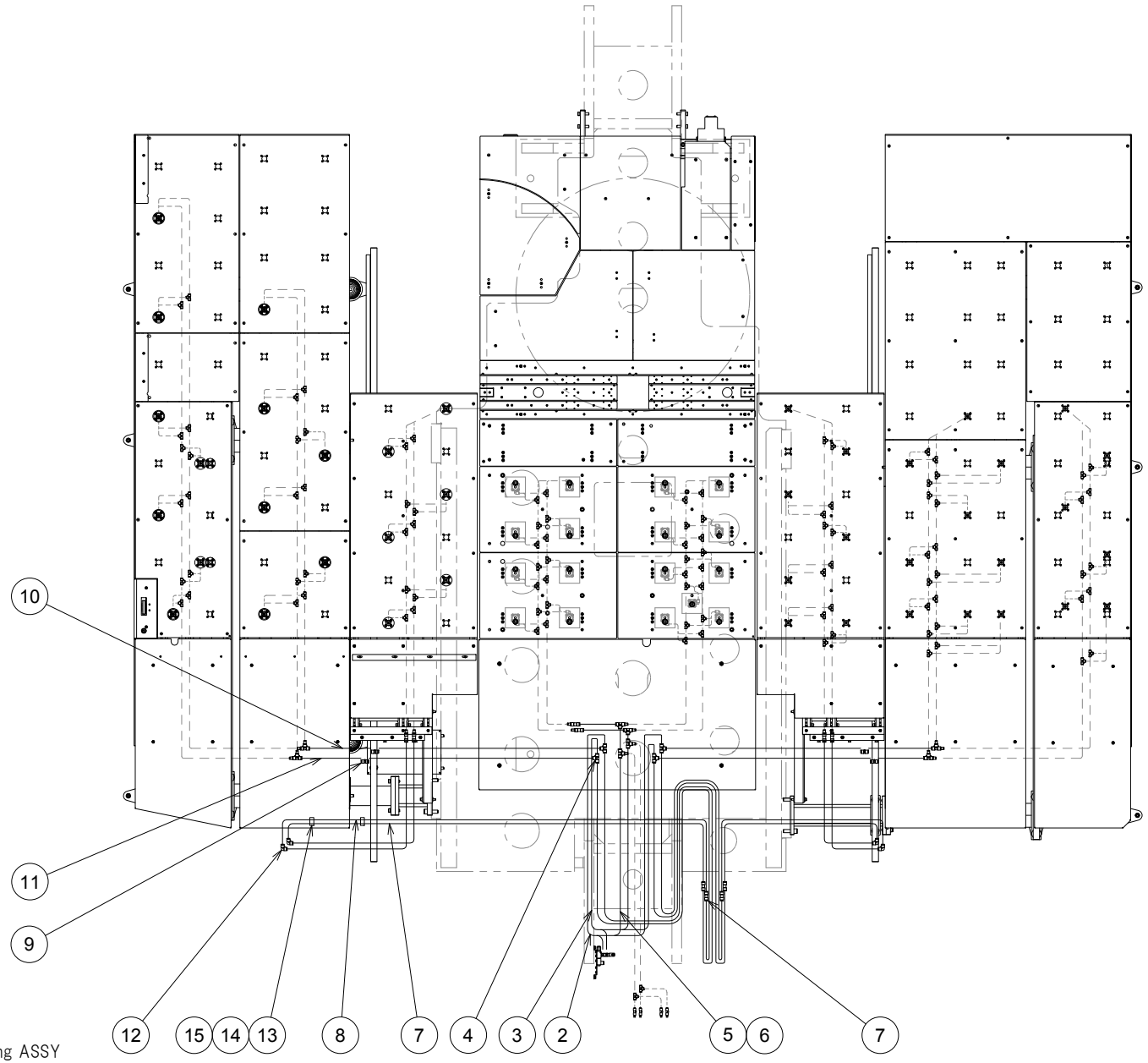


1 R Stationary Table P Name Plate Kit C

CE01996---

Unit No. 614 Brush Table <R Stationary Table P Name Plate Kit C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01996---	R Stationary Table P Name Plate Kit C	Index 2-8	1
2	74902622 MA04190---	Warning Plate		5
3	74415924 6816795	Warning Plate 3		2
4	74326603 P339208001	Blind Rivet LOBTEX	NTA3-2	8
5	74419478 3809319	Caution Plate		2
6	74419488 6817524	Caution Plate		1
7	74417425 6828694	Warning Plate		2
8	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M List Only	6



1 Cylinder Piping ASSY

CE02077---

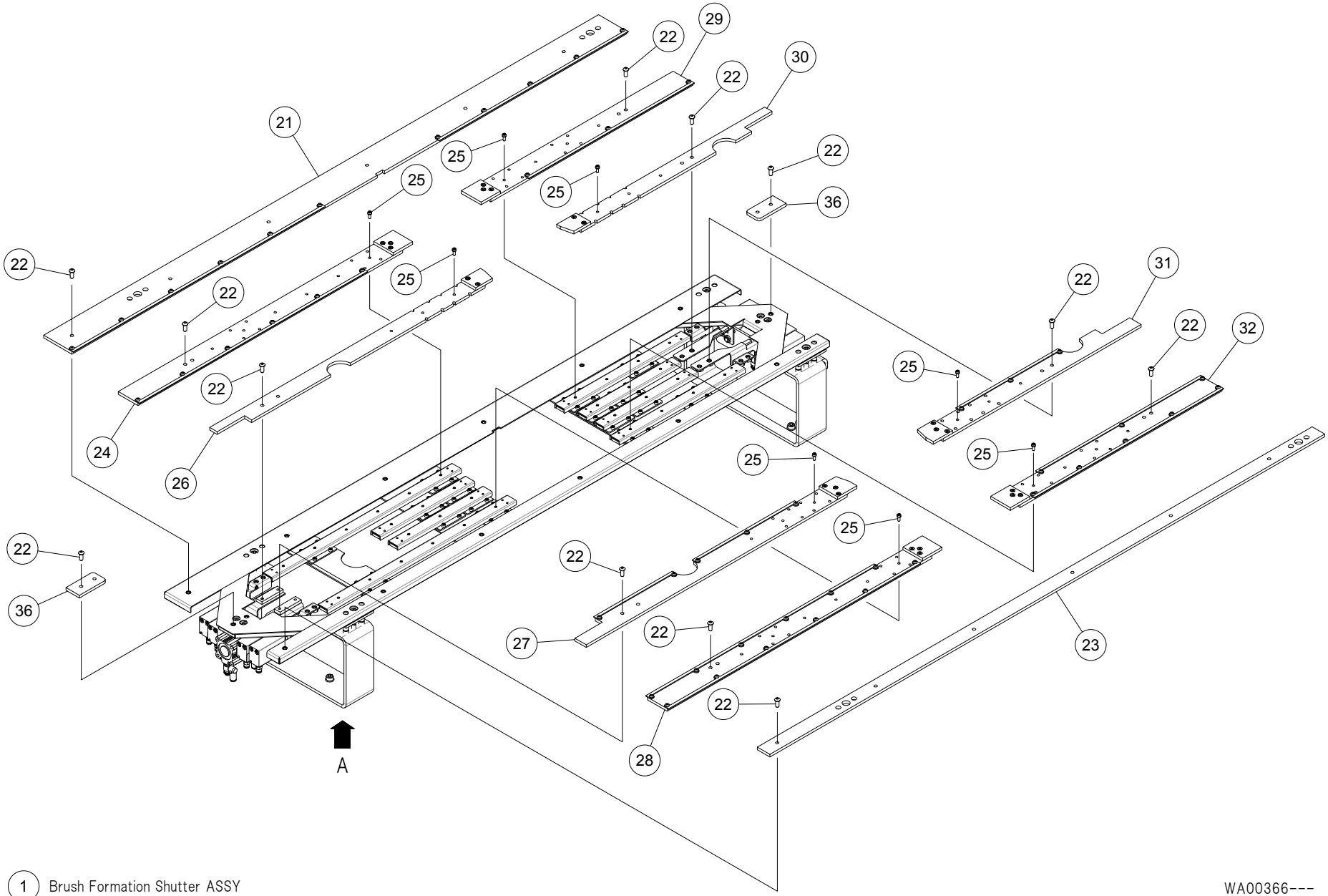
Unit No. 615 Brush Table <Cylinder Piping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02077---	Cylinder Piping ASSY	Index 2-15	1
2	74569865 P230242263	Plastic Hose NITTA MOORE	U2-4-10X6.5(Blue)-7M	1
3	74569864 P230242264	Plastic Hose NITTA MOORE	U2-4-10X6.5(Red)-7M	1
4	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
5	74569865 P230242107	Plastic Hose NITTA MOORE	U2-4-10X6.5(Blue)-1.5M	1
6	74569864 P230242106	Plastic Hose NITTA MOORE	U2-4-10X6.5(Red)-1.5M	1
7	74569865 P230242263	Plastic Hose NITTA MOORE	U2-4-10X6.5(Blue)-7M	1
8	74569864 P230242264	Plastic Hose NITTA MOORE	U2-4-10X6.5(Red)-7M	1
9	74382404 P586604021	One Touch Fitting NITTA MOORE	EUC10	2
10	74569865 P230242109	Plastic Hose NITTA MOORE	U2-4-10X6.5(Blue)-3M	1
11	74569864 P230242108	Plastic Hose NITTA MOORE	U2-4-10X6.5(Red)-3M	1
12	74379550 P586564016	One Touch Fitting NITTA MOORE	EUL10	2

Unit No. 615 Brush Table <Cylinder Piping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776909 / P381058018	Cable Band / Tyton	KR8G5	2
14	74776743 / P330220003	Hex Socket Cap Screw	M6X10	2
15	74310422 / P381058011	Cable Band / SHIBAKEI	CV-100N	2

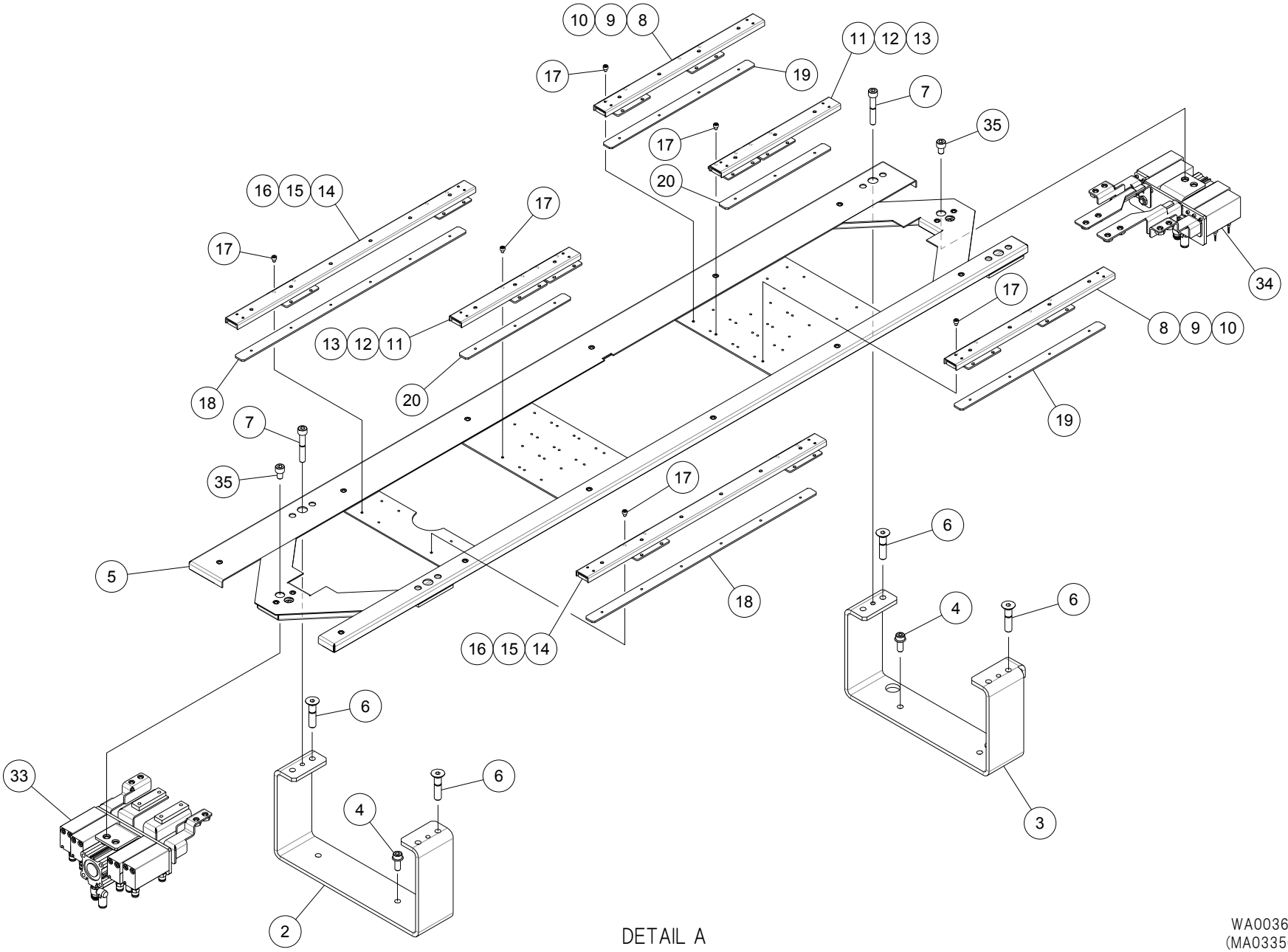
Unit No. 616 Brush Table-1/2 <Brush Formation Shutter ASSY>



(1) Brush Formation Shutter ASSY

WA00366---
(MA03350--B)

Unit No. 616 Brush Table-2/2 <Brush Formation Shutter ASSY>



DETAIL A

WA00366---
(MA03350--B)

Unit No. 616 Brush Table <Brush Formation Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00366---	Brush Formation Shutter ASSY	Index 2-56	1
2	74901587 MA04007---	Table base F		1
3	74901588 MA04008---	Table base R		1
4	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
5	74403018 MA04009--A	Brush Shutter Base		1
6	74732198 P334520050	Flat Head Bolt NISSAN NEJI	M10X45	8
7	74183630 P330230012	Hex Socket Cap Screw	M8X50	4
8	74901623 SPT0120---	LM Guide ASSY 1	Index 910	2
9	MA03987---	Slide Pack machining		1
10	P446122047	LM Guide THK	2FBW2560XRUU+320L	2
11	74901624 SPT0121---	LM Guide ASSY 2	Index 1213	4
12	MA03987---	Slide Pack machining		1

Unit No. 616 Brush Table <Brush Formation Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13		LM Guide	2FBW2560XRUU+240L	4
	P446122054	THK		
14	74901625	LM Guide ASSY 3		2
	SPT0122---		Index 1516	
15		Slide Pack machining		1
	MA03987---			
16		LM Guide	2FBW2560XRUU+480L	2
	P446122051	THK		
17	79323533	Hex Socket Cap Screw	M4X5	64
	P330200048	MOURI		
18	74901472	Plate Nut 1		2
	MA00520---			
19	74901473	Plate Nut 2		2
	MA00521---			
20	74901574	Plate Nut 3		4
	MA03986---			
21	74901749	Brush Shutter 1 Kit		1
	MA03962---			
22	74183310	Button Head Screw	M6X15	32
	P334500015			
23	74901748	Brush Shutter 2 Kit		1
	MA03964---		S/N -53510004	
23	74901590	Brush Shutter 2 Kit		1
	MA04010---		S/N 53510005-	

Unit No. 616 Brush Table <Brush Formation Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
24	74901750 MA03965---	Brush Shutter 3 Kit		1
25	74776782 P330468051	Flange Socket Bolt NISSAN NEJI	M4X10	32
26	74901756 MA04002---	Brush Shutter 4 Kit		1
27	74901751 MA03968---	Brush Shutter 5 Kit		1
28	74901752 MA03970---	Brush Shutter 6 Kit		1
29	74901753 MA03972---	Brush Shutter 7 Kit		1
30	74901757 MA04003---	Brush Shutter 8 Kit		1
31	74901754 MA03975---	Brush Shutter 9 Kit		1
32	74901755 MA03977---	Brush Shutter 10 Kit		1
33	 MA04014--B	Cylinder F ASSY		1
34	 MA04015--B	Cylinder R ASSY		1
35	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	4

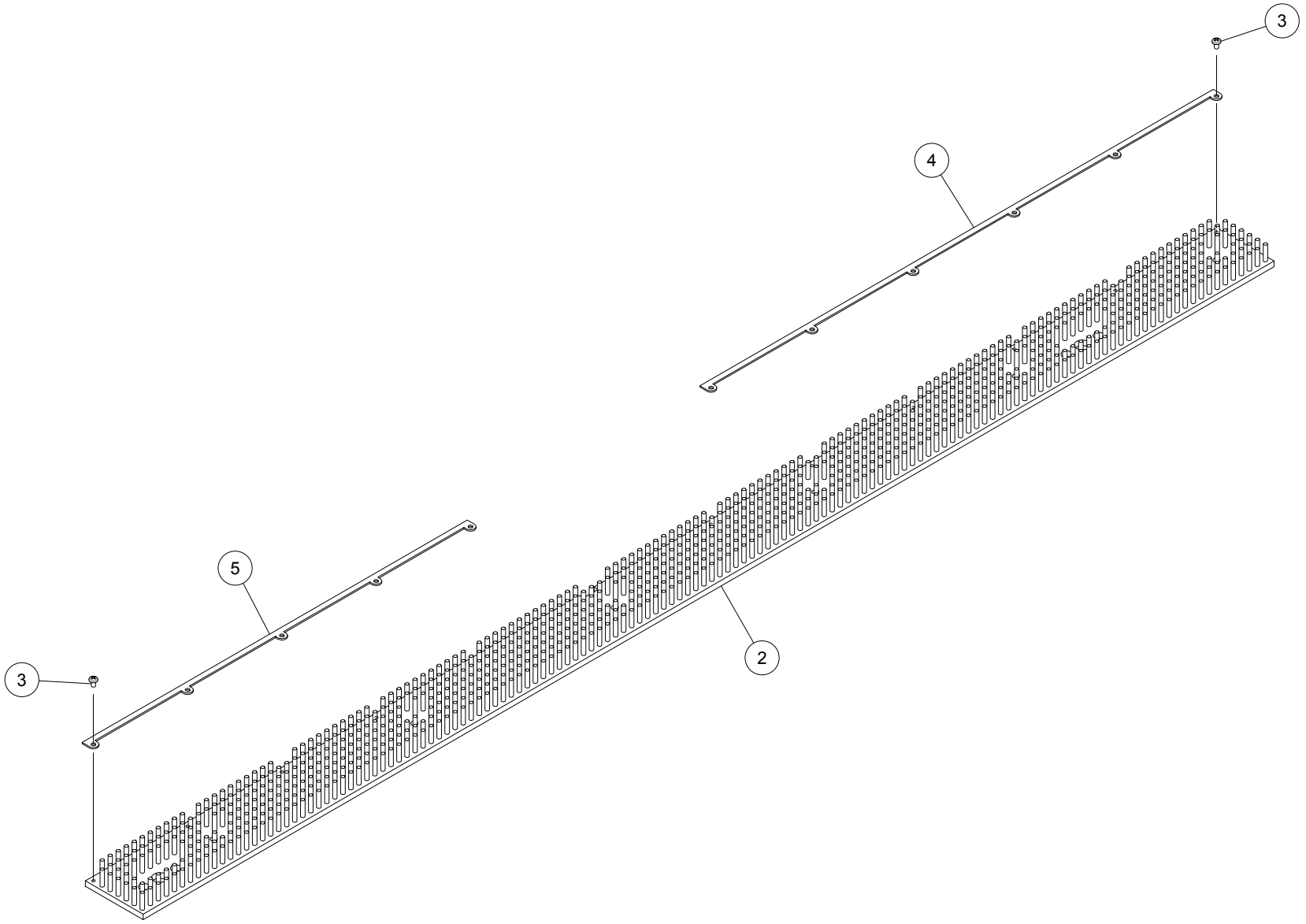
Unit No. 616 Brush Table <Brush Formation Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
36	74901747 MA03979---	Brush Shutter 11 Kit	S/N -53510004	1
36	74901591 MA04011---	Brush Shutter 11 Kit	S/N 53510005-	2
37	74901595 MA04082---	Cable Add Works DU-12	List Only	1
38	74901596 MA04083--A	Cable Add Works DU-13	List Only	1
39	74901597 MA04084---	Cable Add Works DU-14	List Only	1
40	74901598 MA04085--A	Cable Add Works DU-15	List Only	1
41	74403019 MA04086--A	Cable Add Works DU-16	List Only	1
42	74403020 MA04087--B	Cable Add Works DU-17	List Only	1
43	74403021 MA04088--A	Cable Add Works DU-18	List Only	1
44	74403022 MA04089--B	Cable Add Works DU-19	List Only	1
45	74403023 MA04090--A	Cable Add Works DU-20	List Only	1
46	74403024 MA04091--B	Cable Add Works DU-21	List Only	1

Unit No. 616 Brush Table <Brush Formation Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
47	74403025 / MA04092--A	Cable Add Works DU-22	List Only	1
48	74403026 / MA04093--B	Cable Add Works DU-23	List Only	1
49	74403027 / MA04094--A	Cable Add Works DU-26	List Only	1
50	74403028 / MA04095--B	Cable Add Works DU-27	List Only	1
51	74403029 / MA04096--A	Cable Add Works DU-28	List Only	1
52	74403030 / MA04097--B	Cable Add Works DU-29	List Only	1
53	74403031 / MA04098--A	Cable Add Works DU-30	List Only	1
54	74403032 / MA04099--B	Cable Add Works DU-31	List Only	1
55	74403033 / MA04100--A	Cable Add Works DU-32	List Only	1
56	74403034 / MA04101--B	Cable Add Works DU-33	List Only	1

Unit No. 617 Brush Table <Brush Shatter 1 Kit>



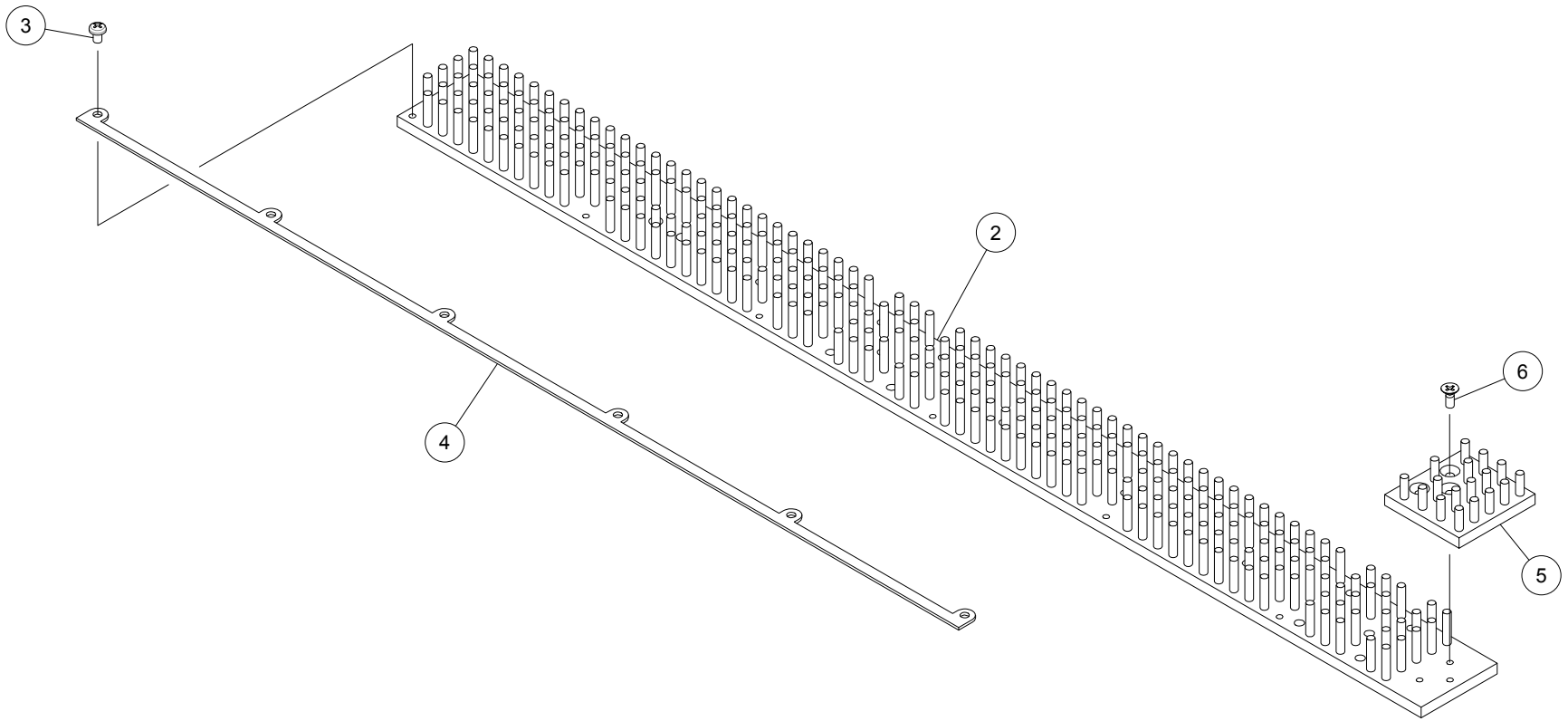
1 Brash Shatter 1 Kit

MA03962---

Unit No. 617 Brush Table <Brush Shatter 1 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901749 MA03962---	Brush Shutter 1 Kit	Index 2-5	1
2	74901559 MA03963---	Brush Shutter 1 Kit		1
3	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	11
4	74901568 MA03980---	Rubber 1		1
5	74901569 MA03981---	Rubber 2		1

Unit No. 618 Brush Table <Brush Shatter 3 Kit>



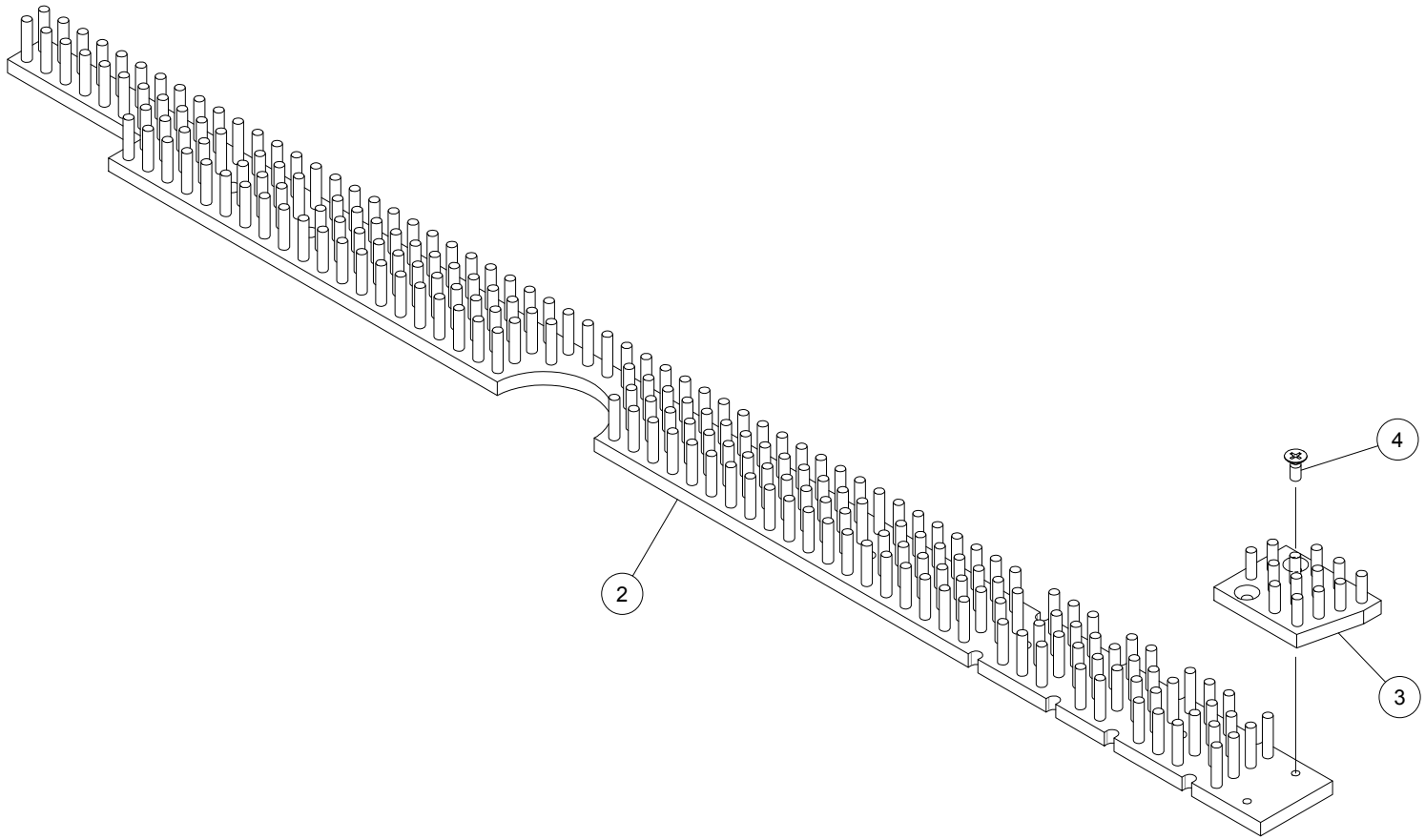
(1) Brash Shatter 3 Kit

MA03965---

Unit No. 618 Brush Table <Brush Shatter 3 Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74901750 MA03965---	Brush Shutter 3 Kit	 Index 2-6	1
2	74901560 MA03966---	Brush Shutter 3 Kit		1
3	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	6
4	74901570 MA03982---	Rubber 3		1
5	74901575 MA03988---	Brush Shutter 12 Kit		1
6	74183322 P334110008	Flat Head Screw JIS	M4X10	3

Unit No. 619 Brush Table <Brush Shatter 4 Kit>



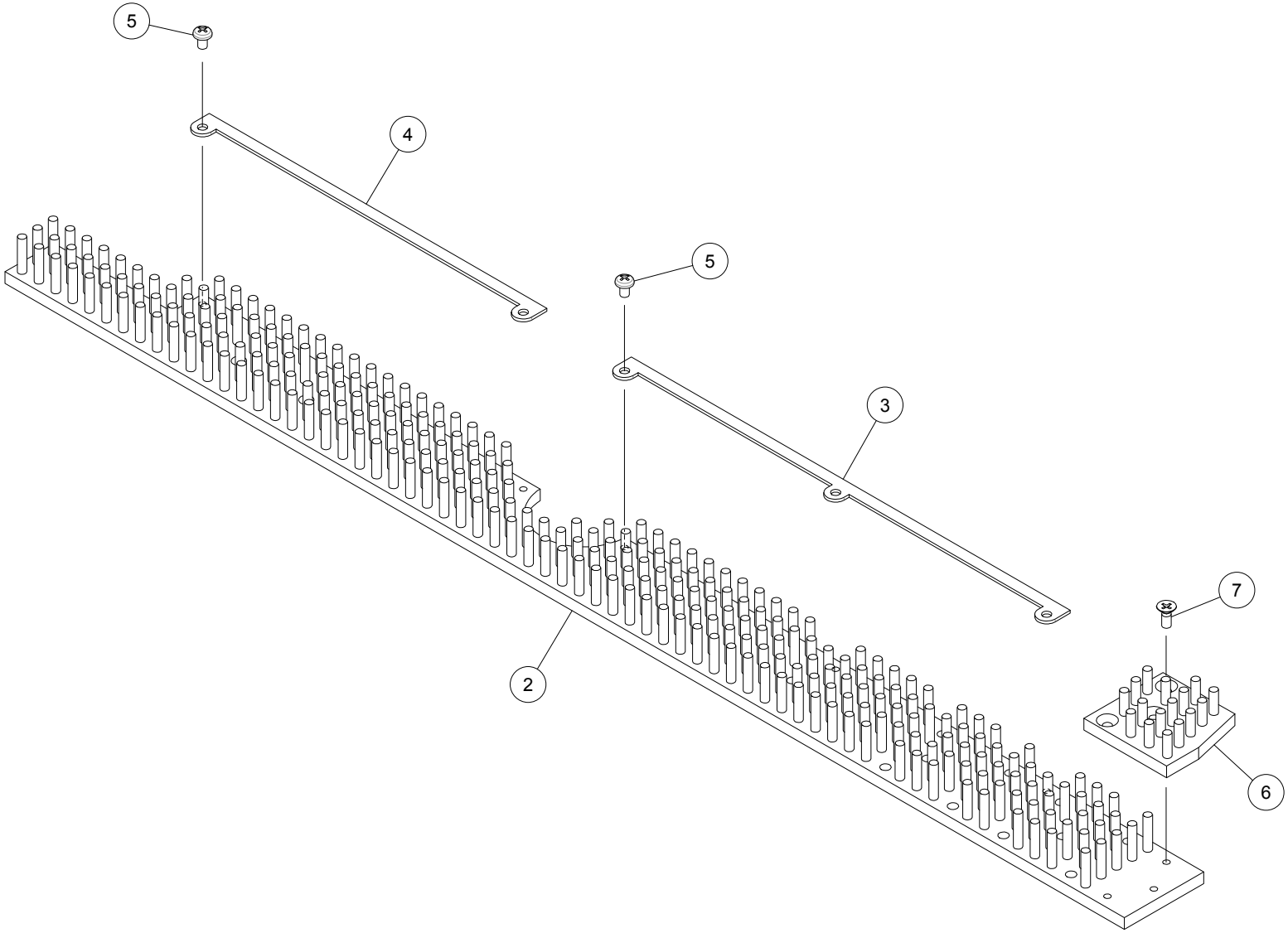
1 Brash Shatter 4 Kit

MA04002---

Unit No. 619 Brush Table <Brush Shatter 4 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901756 / MA04002---	Brush Shutter 4 Kit	Index 2-4	1
2	74901561 / MA03967---	Brush Shutter 4 Kit		1
3	74901576 / MA03989---	Brush Shutter 13 Kit		1
4	74183322 / P334110008	Flat Head Screw / JIS	M4X10	2

Unit No. 620 Brush Table <Brush Shatter 5 Kit>



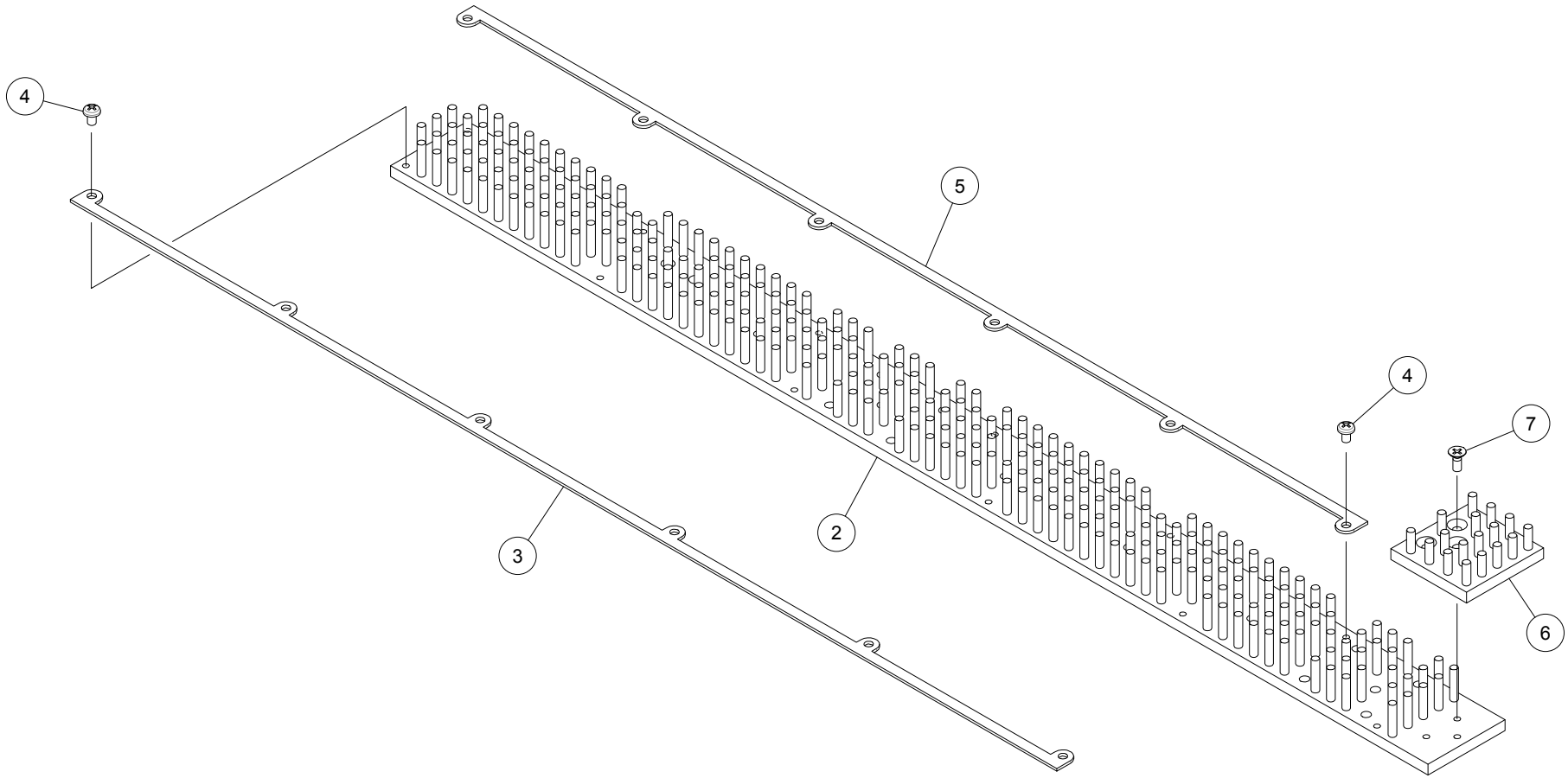
(1) Brash Shatter 5 Kit

MA03968---

Unit No. 620 Brush Table <Brush Shatter 5 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901751 MA03968---	Brush Shutter 5 Kit	 Index 2-7	1
2	74901562 MA03969---	Brush Shutter 5 Kit		1
3	74901572 MA03984---	Rubber 5		1
4	74901573 MA03985---	Rubber 6		1
5	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	5
6	74901585 MA04005---	Brush Shutter 15 Kit		1
7	74183322 P334110008	Flat Head Screw JIS	M4X10	3

Unit No. 621 Brush Table <Brush Shatter 6 Kit>



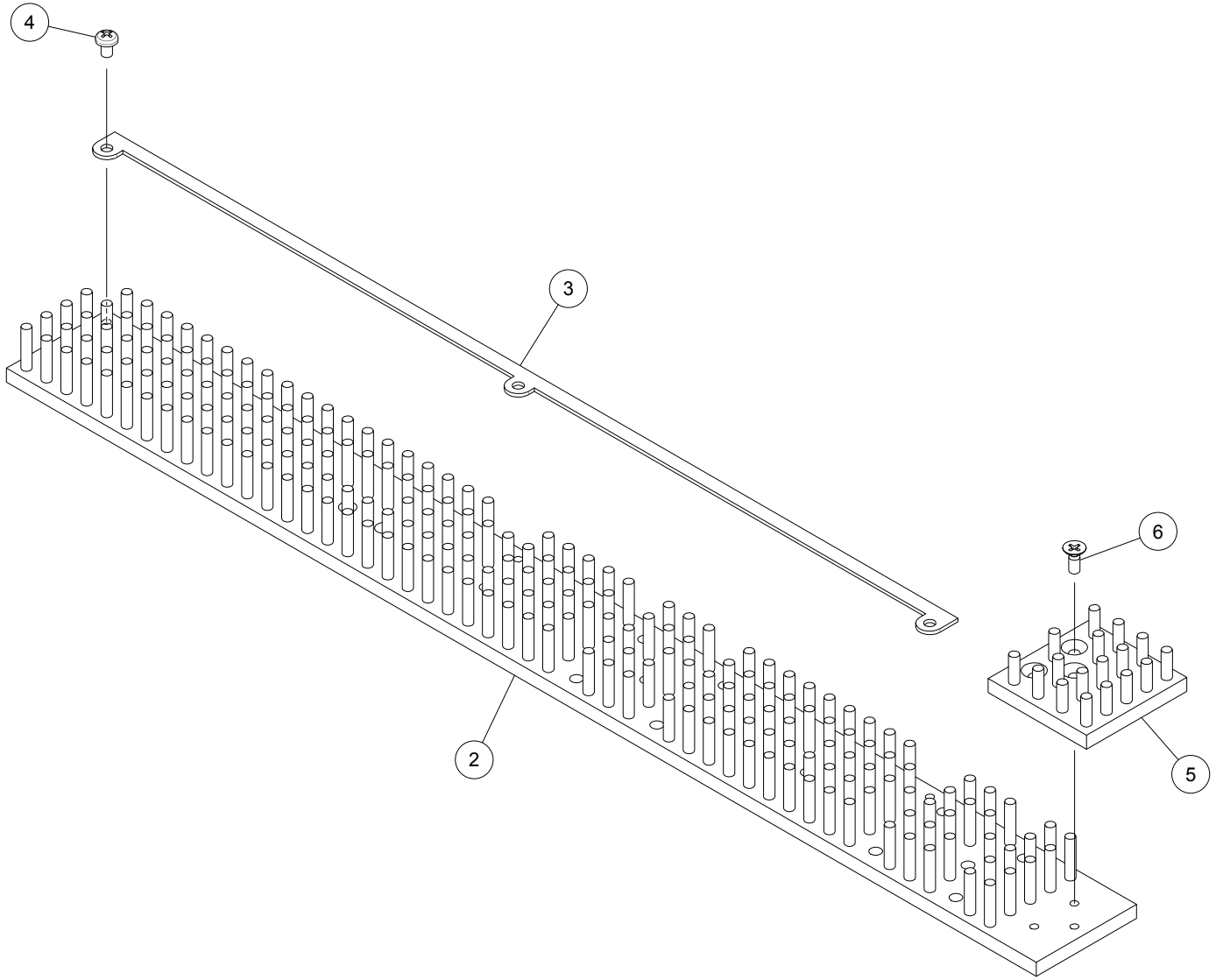
(1) Brash Shatter 6 Kit

MA03970---

Unit No. 621 Brush Table <Brush Shatter 6 Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74901752 MA03970---	Brush Shutter 6 Kit	Index 2-7	1
2	74901563 MA03971---	Brush Shutter 6 Kit		1
3	74901568 MA03980---	Rubber 1		1
4	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	12
5	74901570 MA03982---	Rubber 3		1
6	74901575 MA03988---	Brush Shutter 12 Kit		1
7	74183322 P334110008	Flat Head Screw JIS	M4X10	3

Unit No. 622 Brush Table <Brush Shatter 7 Kit>



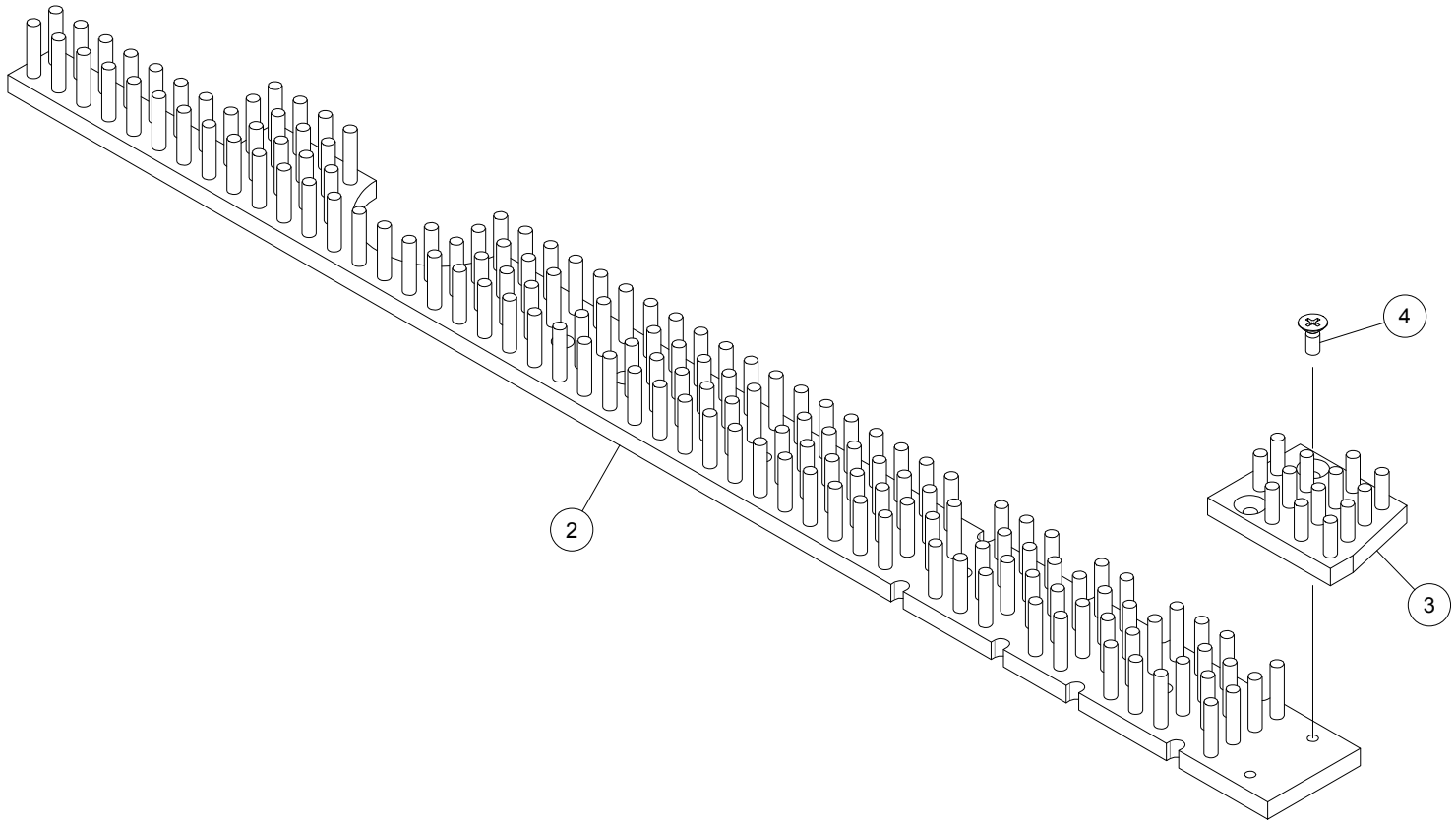
(1) Brash Shatter 7 Kit

MA03972---

Unit No. 622 Brush Table <Brush Shatter 7 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901753 MA03972---	Brush Shutter 7 Kit	 Index 2-6	1
2	74901564 MA03973---	Brush Shutter 7 Kit		1
3	74901571 MA03983---	Rubber 4		1
4	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	3
5	74901575 MA03988---	Brush Shutter 12 Kit		1
6	74183322 P334110008	Flat Head Screw JIS	M4X10	3

Unit No. 623 Brush Table <Brush Shatter 8 Kit>



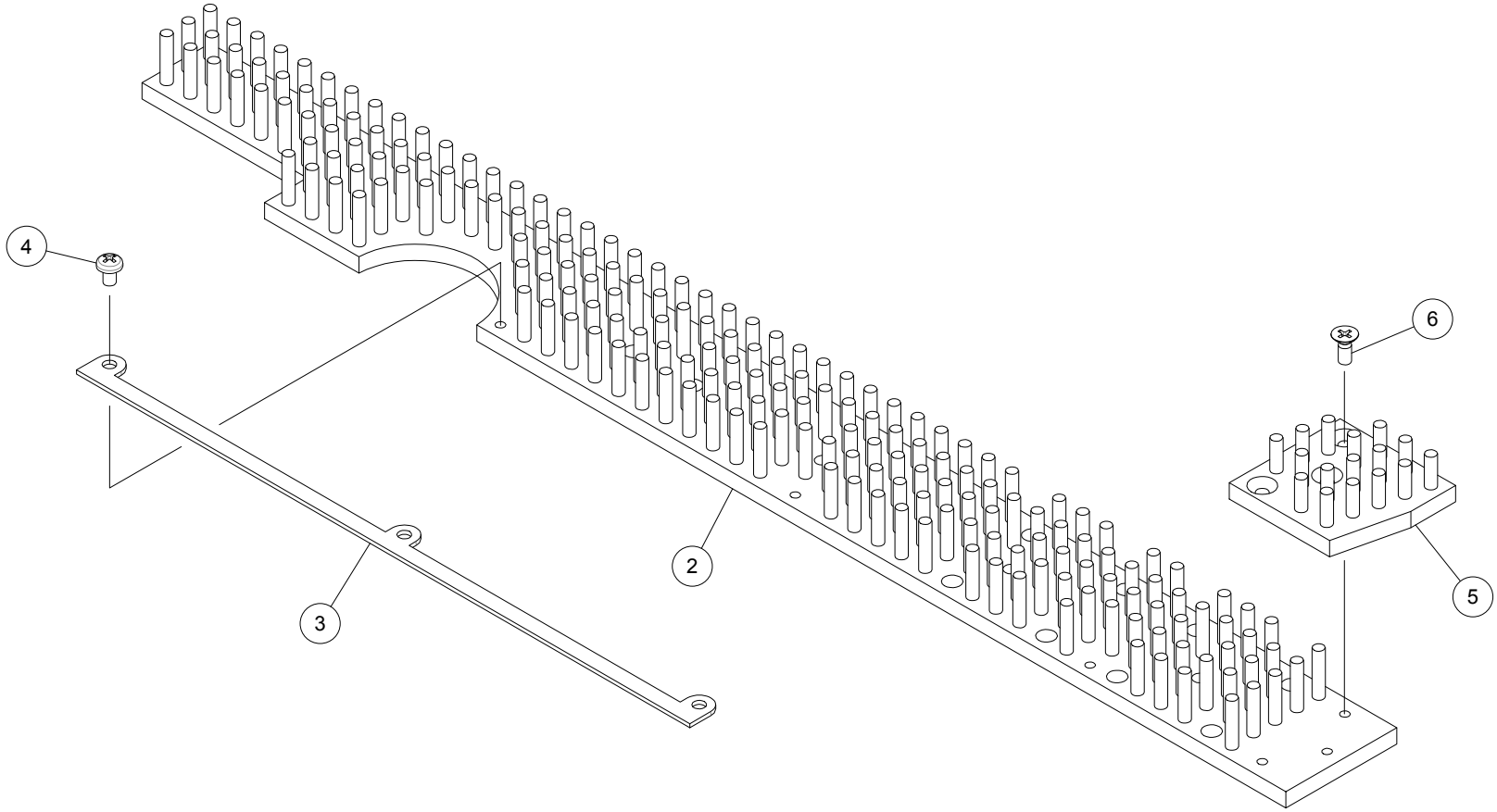
(1) Brash Shatter 8 Kit

MA04003---

Unit No. 623 Brush Table <Brush Shatter 8 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901757	Brush Shutter 8 Kit		1
	MA04003---		Index 2-4	
2	74901565	Brush Shutter 8 Kit		1
	MA03974---			
3	74901584	Brush Shutter 14 Kit		1
	MA04004---			
4	74183322	Flat Head Screw	M4X10	2
	P334110008	JIS		

Unit No. 624 Brush Table <Brush Shatter 9 Kit>



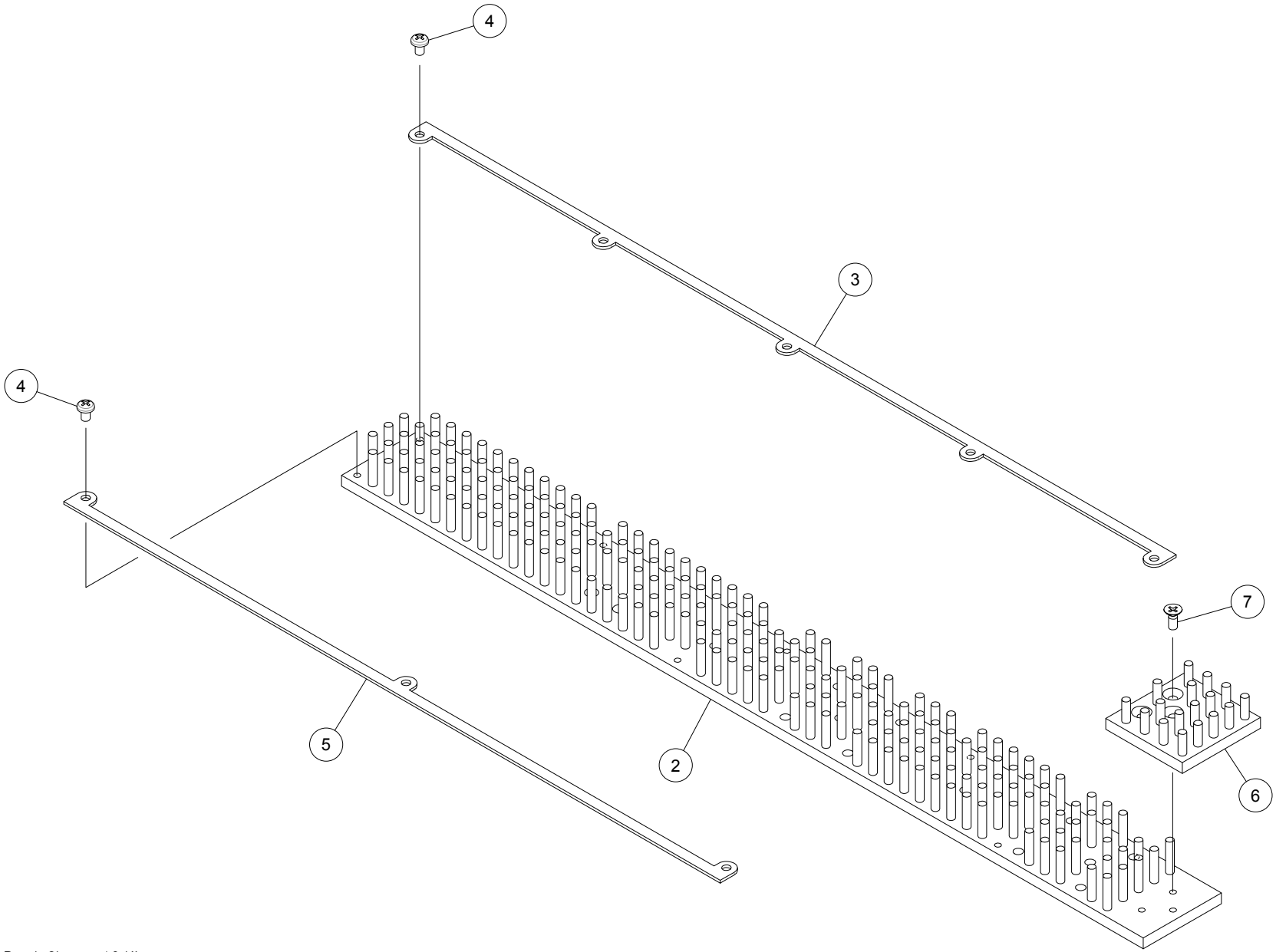
(1) Brash Shatter 9 Kit

MA03975---

Unit No. 624 Brush Table <Brush Shatter 9 Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74901754 / MA03975---	Brush Shutter 9 Kit	Index 2-6	1
2	74901566 / MA03976---	Brush Shutter 9 Kit		1
3	74901572 / MA03984---	Rubber 5		1
4	74901392 / P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	3
5	74901586 / MA04006---	Brush Shutter 16 Kit		1
6	74183322 / P334110008	Flat Head Screw	M4X10 / JIS	3

Unit No. 625 Brush Table <Brush Shatter 10 Kit>

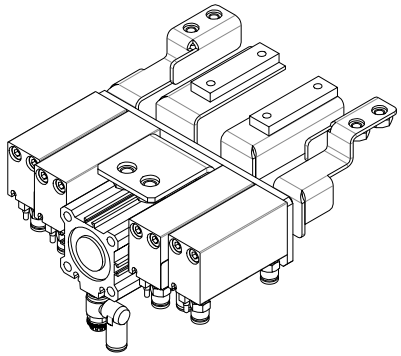


1 Brash Shatter 10 Kit

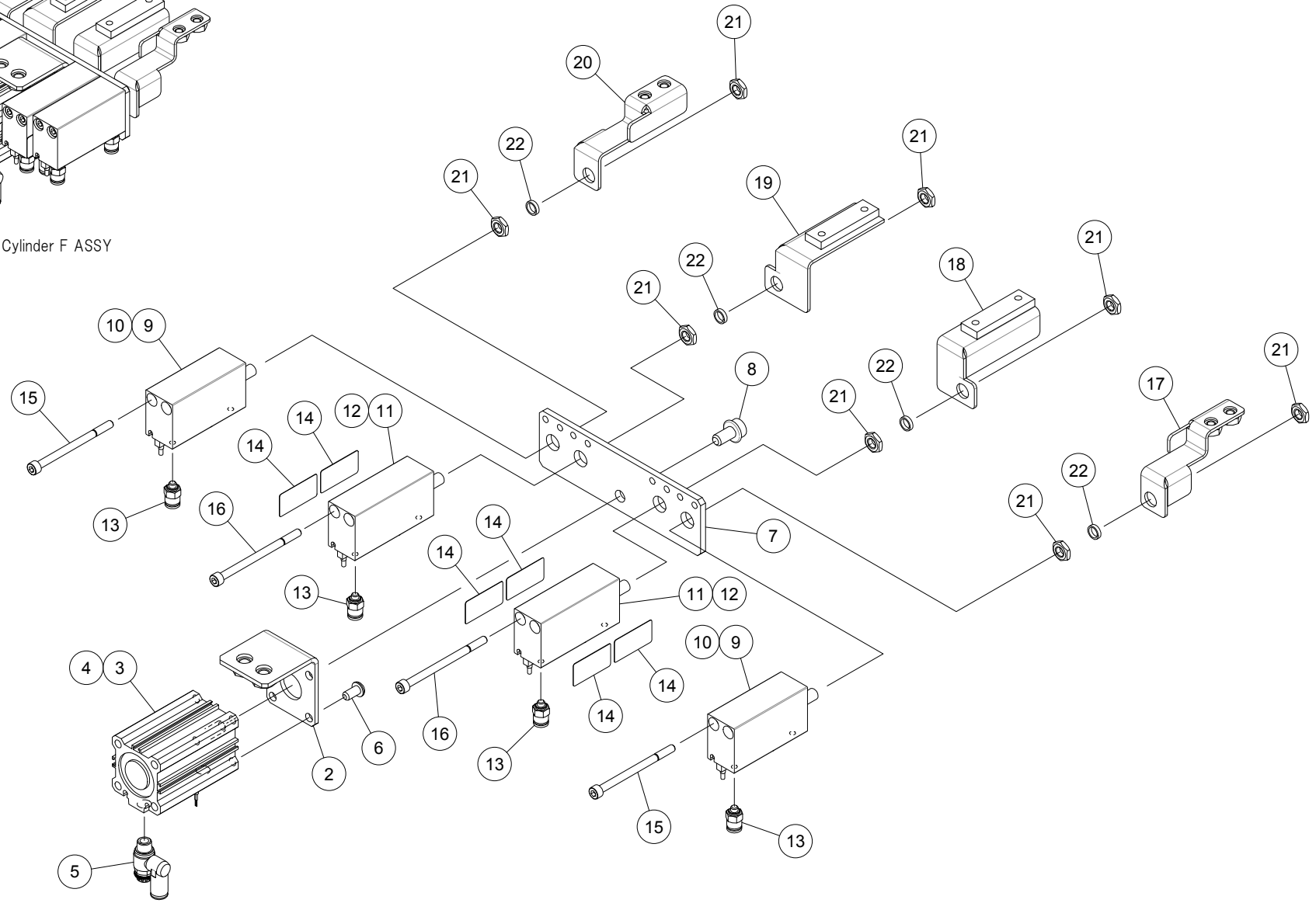
MA03977---

Unit No. 625 Brush Table <Brush Shatter 10 Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74901755 MA03977---	Brush Shutter 10 Kit	Index 2-7	1
2	74901567 MA03978---	Brush Shutter 10 Kit		1
3	74901569 MA03981---	Rubber 2		1
4	74901392 P335000007	Tapping Screw	M4X6 (Pan Head / Type-2)	8
5	74901571 MA03983---	Rubber 4		1
6	74901575 MA03988---	Brush Shutter 12 Kit		1
7	74183322 P334110008	Flat Head Screw JIS	M4X10	3



1 Cylinder F ASSY



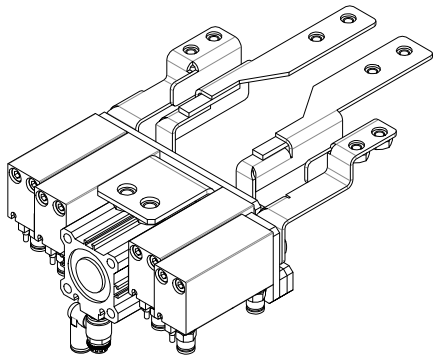
MA04014--B

Unit No. 626 Brush Table <Cylinder F ASSY>

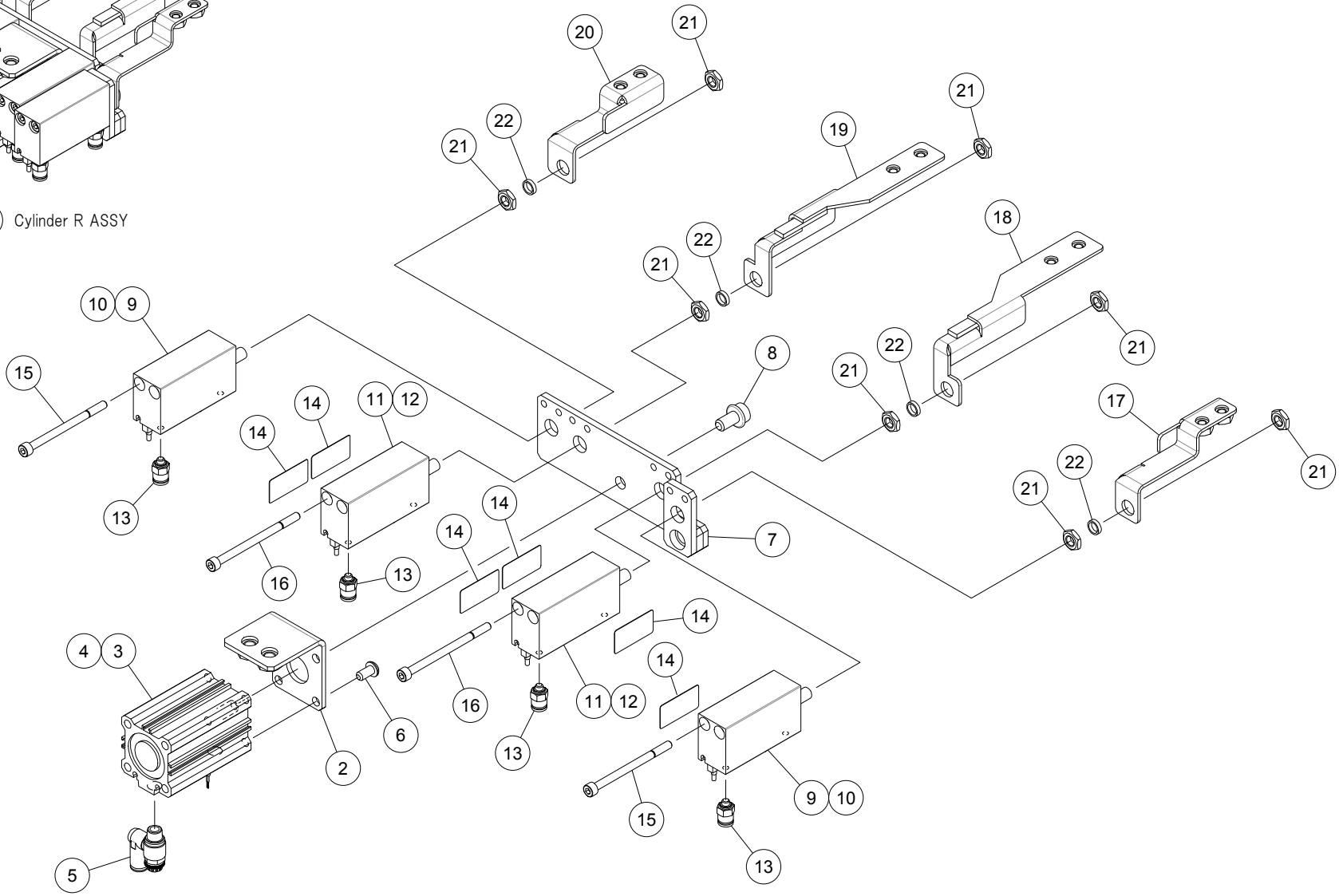
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04014--B	Cylinder F ASSY	Index 2-22	1
2	74901592 MA04012---	Cylinder Bracket 1		1
3	74901401 P550012985	Pneumatic Cylinder SMC	CDQ2A32-40D-A93VL with Index 4	1
4	74901412 P829008081	Auto Switch SMC	D-A93VL	1
5	74561191 P555002114	Speed Controller SMC	AS2301F-01-06S	2
6	74183309 P334500014	Button Head Screw JIS	M6X12	4
7	74901577 MA03992---	Cylinder Bracket 2		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	1
9	74901404 P550042045	Pneumatic Cylinder SMC	CDUJS20-45DM-F8BL with Index 10	2
10	74901414 P829008099	Cylinder Switch SMC	D-F8BL	2
11	74901403 P550042044	Pneumatic Cylinder SMC	CDUJS20-50DM-F8BL with Index 12	2
12	74901414 P829008099	Cylinder Switch SMC	D-F8BL	2

Unit No. 626 Brush Table <Cylinder F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900591 P586533111	One Touch Fitting SMC	KQ2H06-M5	8
14	74901405 P550082083	Accessory for Air Cylinder SMC	MU-S025	6
15	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
16	74716105 P330210028	Hex Socket Cap Screw MOURI	M5X75	4
17	74901578 MA03993--A	Cylinder Bracket 3		1
18	74901579 MA03994--A	Cylinder Bracket 4		1
19	74901580 MA03995--A	Cylinder Bracket 5		1
20	74901581 MA03996--A	Cylinder Bracket 6		1
21	74722743 P332000018	Nut JIS	M8(Thin)	8
22	74901394 P336238679	Washer MISUMI	WSSB10-8-2.5	4



1 Cylinder R ASSY



MA04015--B

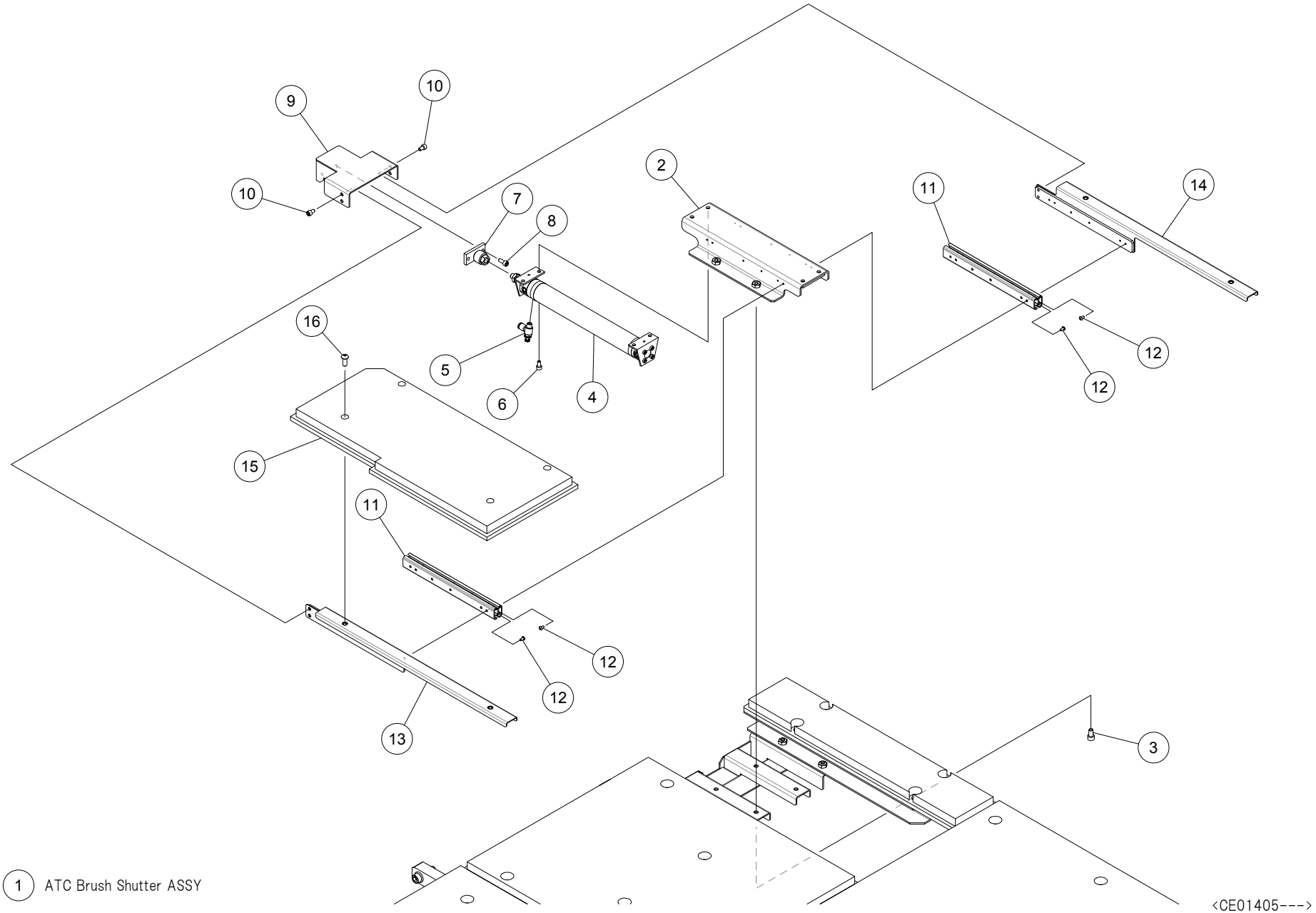
Unit No. 627 Brush Table <Cylinder R ASSY>

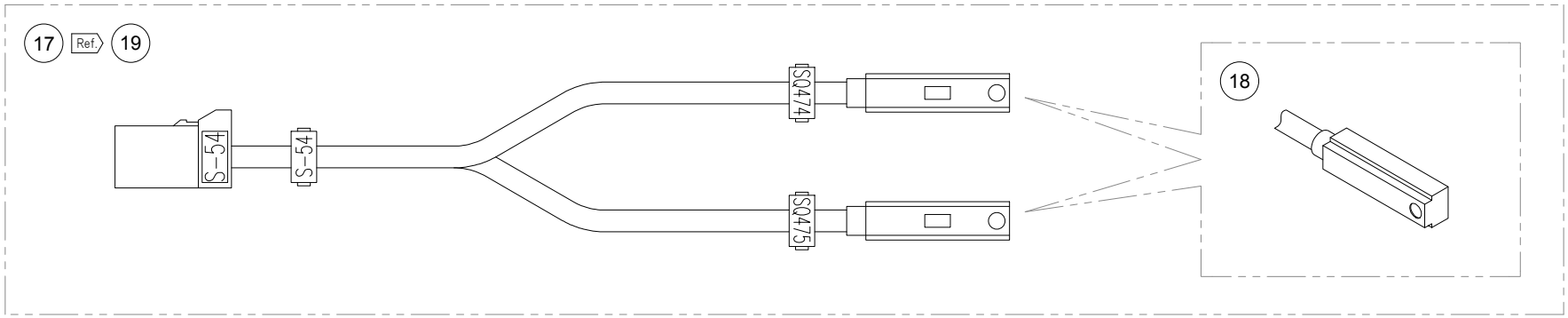
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04015--B	Cylinder R ASSY	Index 2-22	1
2	74901592 MA04012---	Cylinder Bracket 1		1
3	74901401 P550012985	Pneumatic Cylinder SMC	CDQ2A32-40D-A93VL with Index 4	1
4	74901412 P829008081	Auto Switch SMC	D-A93VL	1
5	74561191 P555002114	Speed Controller SMC	AS2301F-01-06S	2
6	74183309 P334500014	Button Head Screw JIS	M6X12	4
7	74901593 MA04016---	Cylinder Bracket 7		1
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	1
9	74901404 P550042045	Pneumatic Cylinder SMC	CDUJS20-45DM-F8BL with Index 10	2
10	74901414 P829008099	Cylinder Switch SMC	D-F8BL	2
11	74901403 P550042044	Pneumatic Cylinder SMC	CDUJS20-50DM-F8BL with Index 12	2
12	74901414 P829008099	Cylinder Switch SMC	D-F8BL	2

Unit No. 627 Brush Table <Cylinder R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900591 P586533111	One Touch Fitting SMC	KQ2H06-M5	8
14	74901405 P550082083	Accessory for Air Cylinder SMC	MU-S025	6
15	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
16	74716105 P330210028	Hex Socket Cap Screw MOURI	M5X75	4
17	74901594 MA04017---	Cylinder Bracket 8		1
18	74901582 MA03999--A	Cylinder Bracket 9		1
19	74901583 MA04000--A	Cylinder Bracket 10		1
20	74901581 MA03996--A	Cylinder Bracket 6		1
21	74722743 P332000018	Nut JIS	M8(Thin)	8
22	74901394 P336238679	Washer MISUMI	WSSB10-8-2.5	4

Unit No. 628 Brush Table-1/2 <ATC Brush Shutter ASSY>




17
Ref.
19
S-54
S-54
SC4741
SC4751
18

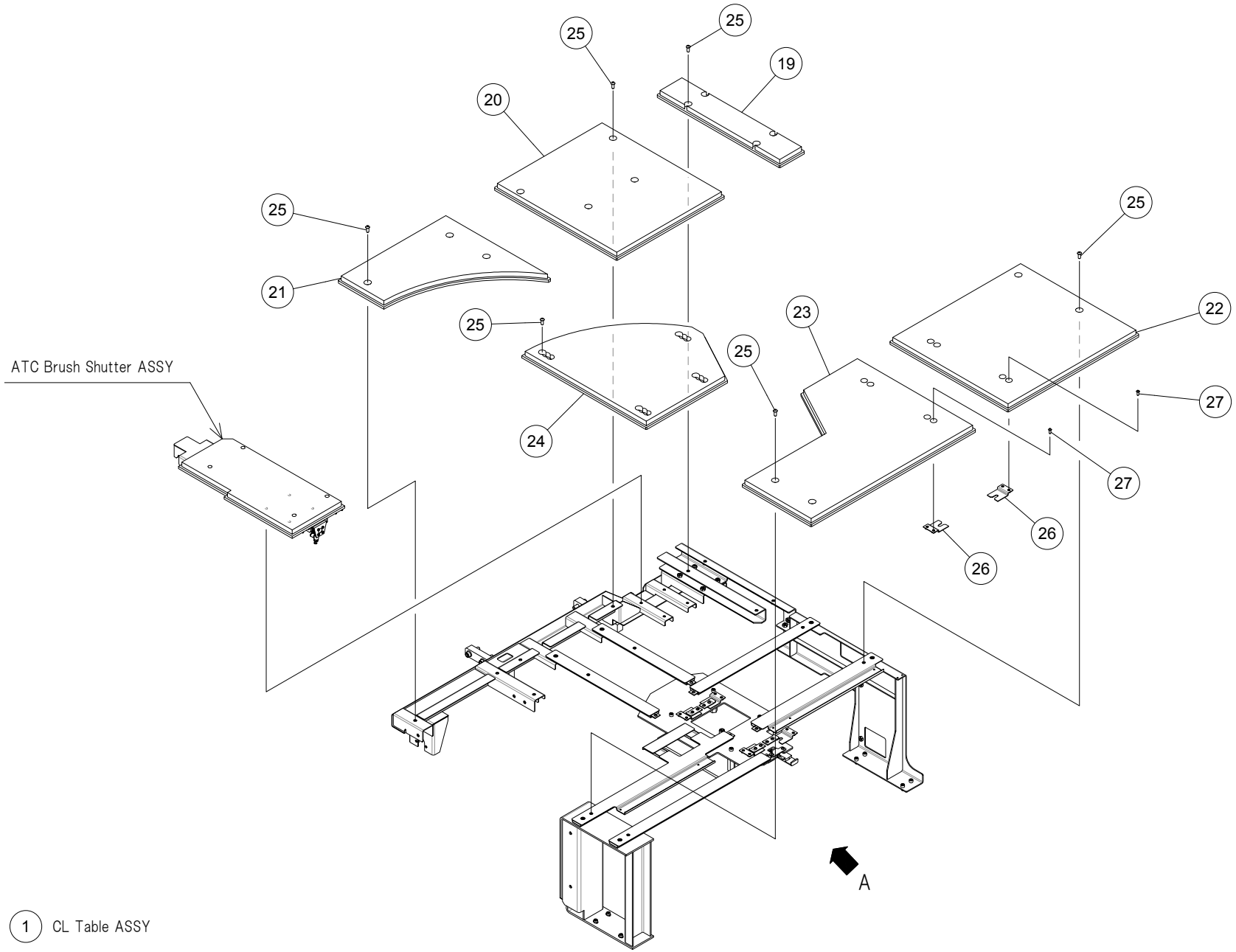
Unit No. 628 Brush Table <ATC Brush Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01405---	ATC Brush Shutter ASSY	Index 2-19	1
2	74402015 CE01406---	Cylinder Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
4	74402016 7831763---	Air Cylinder SMC	CDG1LA32-260-DCQ0447Q	1
5	74901407 P555004040	Air Flow Control Valve CKD	SC3W-6-6-I	2
6	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4
7	74901399 P409208011	Floating Joint SMC	JAF30-10-125	1
8	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
9	74402017 CE01407---	Rod Bracket		1
10	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
11	74901400 P446120002	LM Guide TAKIGEN	KC-359-25	2
12	74183304 P334500004	Button Head Screw JIS	M4X8	24

Unit No. 628 Brush Table <ATC Brush Shutter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402018 CE01408---	ATC Shutter Table Base F		1
14	74402019 CE01409---	ATC Shutter Table Base R		1
15	74402020 CE01410---	ATC Brush Shutter		1
16	74183316 P334500020	Button Head Screw	M8X20	4
17	74403070 SPT0114---	Cable S-54 ASSY		1
18	74900842 P550086046	Auto Switch CKD	T0H SQ474475	2
19	 MA02606---	Cable S-54		1

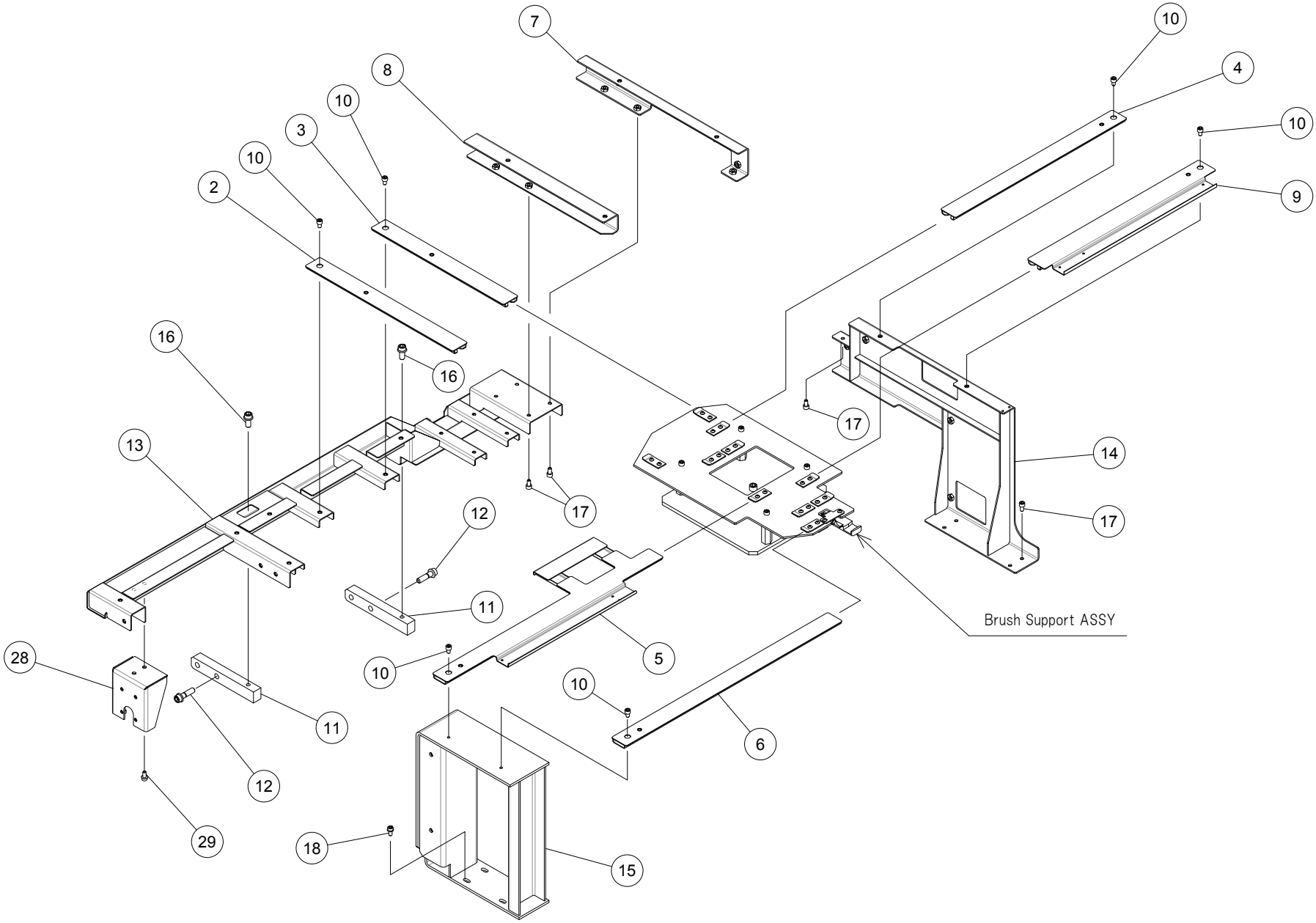
Unit No. 629 Brush Table-1/2 <CL Table ASSY>



(1) CL Table ASSY

<CE01394--->

Unit No. 629 Brush Table-2/2 <CL Table ASSY>



DETAIL A

<CE01394--->

Unit No. 629 Brush Table <CL Table ASSY>

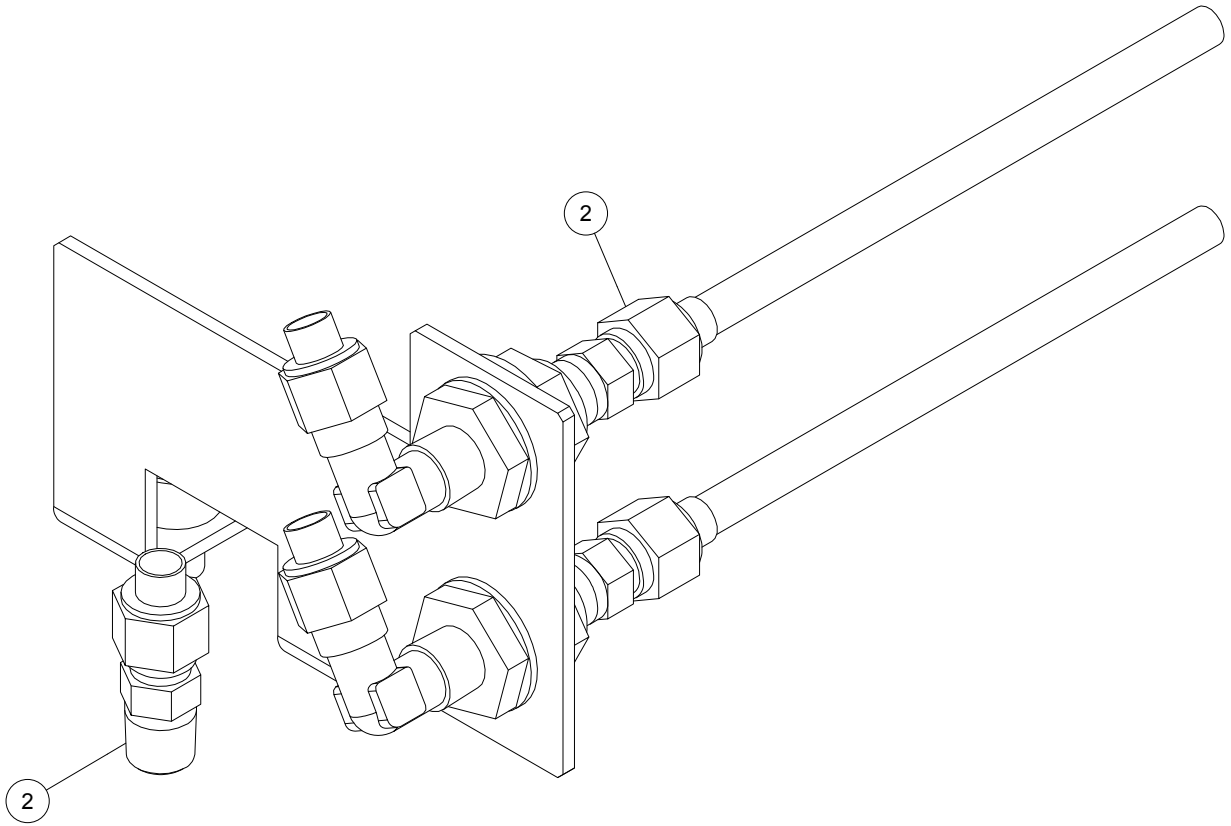
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01394---	CL Table ASSY	Index 2-29	1
2	74402021 / CE01395---	CL Table Base A		1
3	74402022 / CE01396---	CL Table Base B		1
4	74901510 / MA02003---	CL Table Base C		1
5	74901511 / MA02004--A	CL Table Base D		1
6	74901512 / MA02005---	CL Table Base E		1
7	74402023 / CE01397---	CL Table Base F		1
8	74402024 / CE01398---	CL Table Base G		1
9	74901551 / MA03340---	CL Table Base H		1
10	74183619 / P330230002	Hex Socket Cap Screw / JIS	M8X12	6
11	74402025 / CE01399--A	Bar		2
12	74568588 / P330468043	Flange Socket Bolt / NISSAN NEJI	M12X45	4

Unit No. 629 Brush Table <CL Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402026 CE01400--B	CL Table Base Bracket A		1
14	74402027 MA05004--A	CL Table Base Bracket B		1
15	74402028 CE01435---	CL Table Base Bracket E		1
16	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	2
17	74183620 P330230004	Hex Socket Cap Screw	M8X15	9
18	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
19	74402029 CE01401---	CL Brush A		1
20	74402030 CE01402---	CL Brush B		1
21	74402031 CE01403---	CL Brush C		1
22	74402032 CE00895---	CL Brush D		1
23	74402033 CE00896---	CL Brush E		1
24	74402034 CE00897---	CL Brush F		1

Unit No. 629 Brush Table <CL Table ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183316 P334500020	Button Head Screw	M8X20	19
26	74901519 MA02019---	Brush Table Hook		4
27	74183310 P334500015	Button Head Screw	M6X15	8
28	74402035 CE01404---	Switch Bracket A		1
29	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2

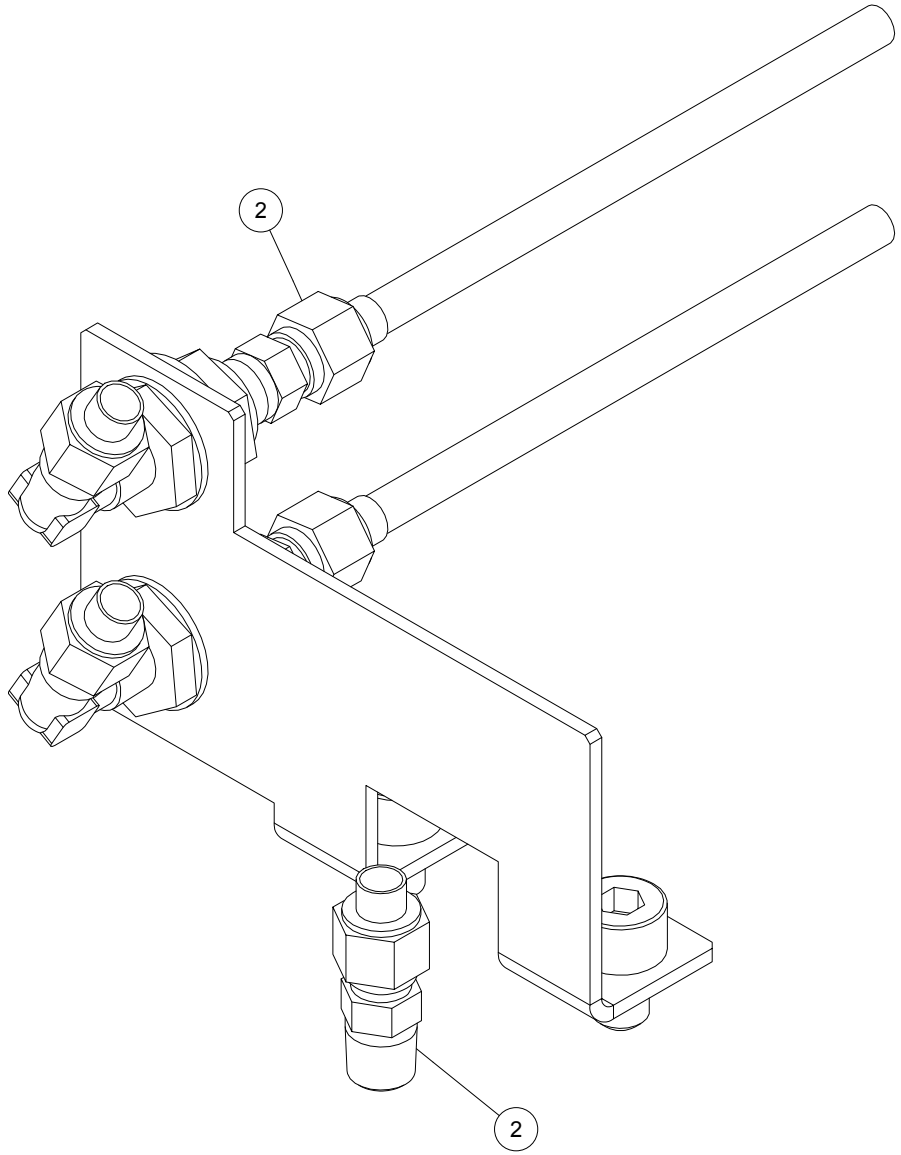


(1) LM Lubrication F ASSY

CE00619---

Unit No. 630 Brush Table <LM Lubrication F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		LM Lubrication F ASSY		1
	CE00619---		Index 2	
2	74777012	Bite Type Pipe Fitting	PN-6X4-PT1/8-BS	5
	P585535004	JUNKOSHA		



(1) LM Lubrication R ASSY

CE00620---

Unit No. 631 Brush Table <LM Lubrication R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		LM Lubrication R ASSY		1
	CE00620---		Index 2	
2	74777012	Bite Type Pipe Fitting	PN-6X4-PT1/8-BS	5
	P585535004	JUNKOSHA		

DEC.2013

EM ZR SERIES

PARTS LIST

EM3510ZRB(EU_EXP_DOM) Vol.2

From Serial No. 35105002 and after

Ver. 1.0

GENERAL INFORMATION

* Specifications are subject to change without notice.

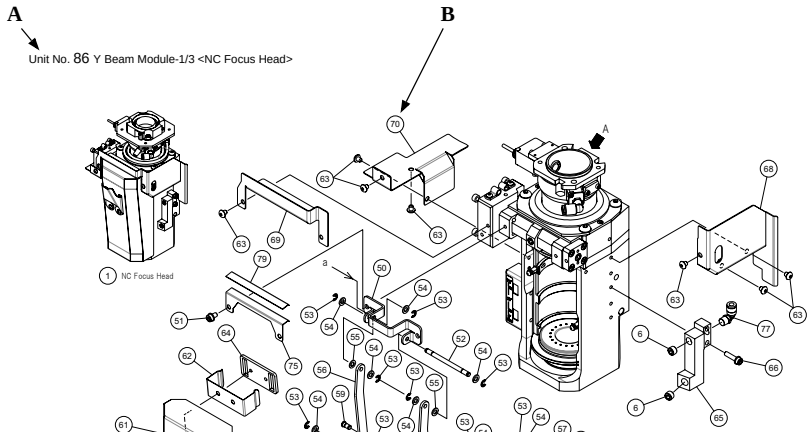
* This parts list shows all of the parts used in your machine.
  Please file this parts list for reference and refer to it when you order parts or maintain the machine.

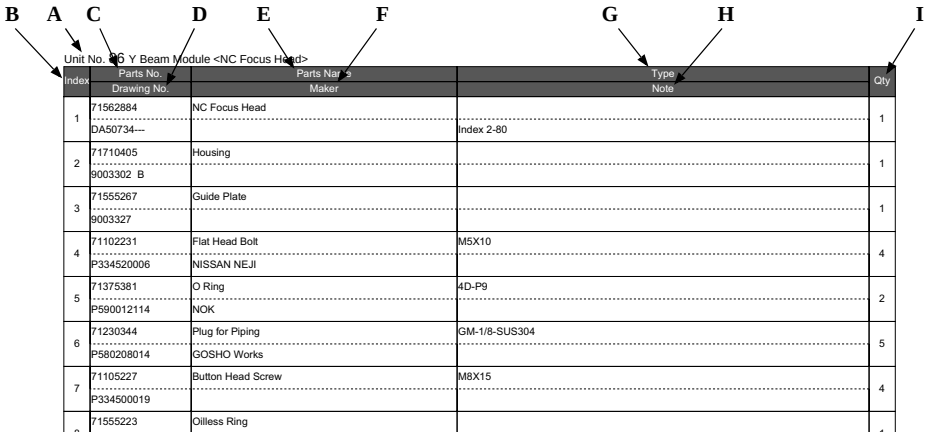
* This edition has been divided into sections.
  Please refer to MACHINE COMPONENT.

* The scale used on each page of drawings is different.
  Please be aware that parts may seem to be different sizes on different pages.

INTRODUCTION

1. MAIN TEXT





Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	71562884	NC Focus Head		1
	DA50734---		Index 2-80	
2	71710405	Housing		1
	9003302 B			
3	71555267	Guide Plate		1
	9003327			
4	71102231	Flat Head Bolt	M5X10	4
	P334520006	NISSAN NEJI		
5	71375381	O Ring	4D-P9	2
	P590012114	NOK		
6	71230344	Plug for Piping	GM-1/8-SUS304	5
	P580208014	GOSHO Works		
7	71105227	Button Head Screw	M8X15	4
	P334500019			
8	71555223	Oilless Ring		1

A Unit No. and Name
The Unit No. and Name are shown on relevant pages.

B Index
The index No. for each part in a drawing is shown and corresponds to the list of parts for that drawing.

C Parts No.
The individual Code No. for each part on the models is shown.

D Drawing No.
The numbers of drawings relevant to the part are given.

E Parts Name
The name (description) of each part.

F Maker
The manufacturer of each marketed item is shown.

G Type
The type description of each marketed item are shown.

H Note
Cautions and notes necessary to the ordering each part.

I Qty
The quantity of each part used on the models is shown.

ORDER INSTRUCTIONS

1. Confirm whether the model name and No. on the serial plate of the machine correspond to the numbers of the machines for which the parts list is effective.

2. Use the drawing in the MACHINE COMPONENT to find the unit on which the part in question is shown in greater detail.

3. Spread out the referred pages.

4. Use the drawings and corresponding lists to confirm the specs, etc. of the part in question.

5. When ordering, please supply the following information:
   (1)Machine Model
   (2)Serial No.
   (3)Code
   (4)Quantity

UNIT LIST

Slug Suction
Repositioning
Repositioning Support Cylinder
Worksheet Jamming Sensor
Punch Break Detection
Pneumatic
Lubrication
Lubrication EU
Electric BF
Electric BF EX
Electric BF EU
Control Device
Air Blow
Tool Balancer
Standard Accessory
Bar Code Reader
Memory Up
Assembly and Adjustment
TSU Module BF
Changer Name Plate
TSU Controller
Clamp Positioner
Spare Workclamp
ASR-N/RMP
Punch Assembling Jig
Alignment Jig S
Alignment Jig L
Alignment Jig L D
Punch Remover L
Accessory Paint
Subcontrol Stand
Mirror
Pass Line AY-1050
Pass Line AY-1060
Pass Line(J-anchor)1050
Pass Line(J-anchor)1060
ADIS

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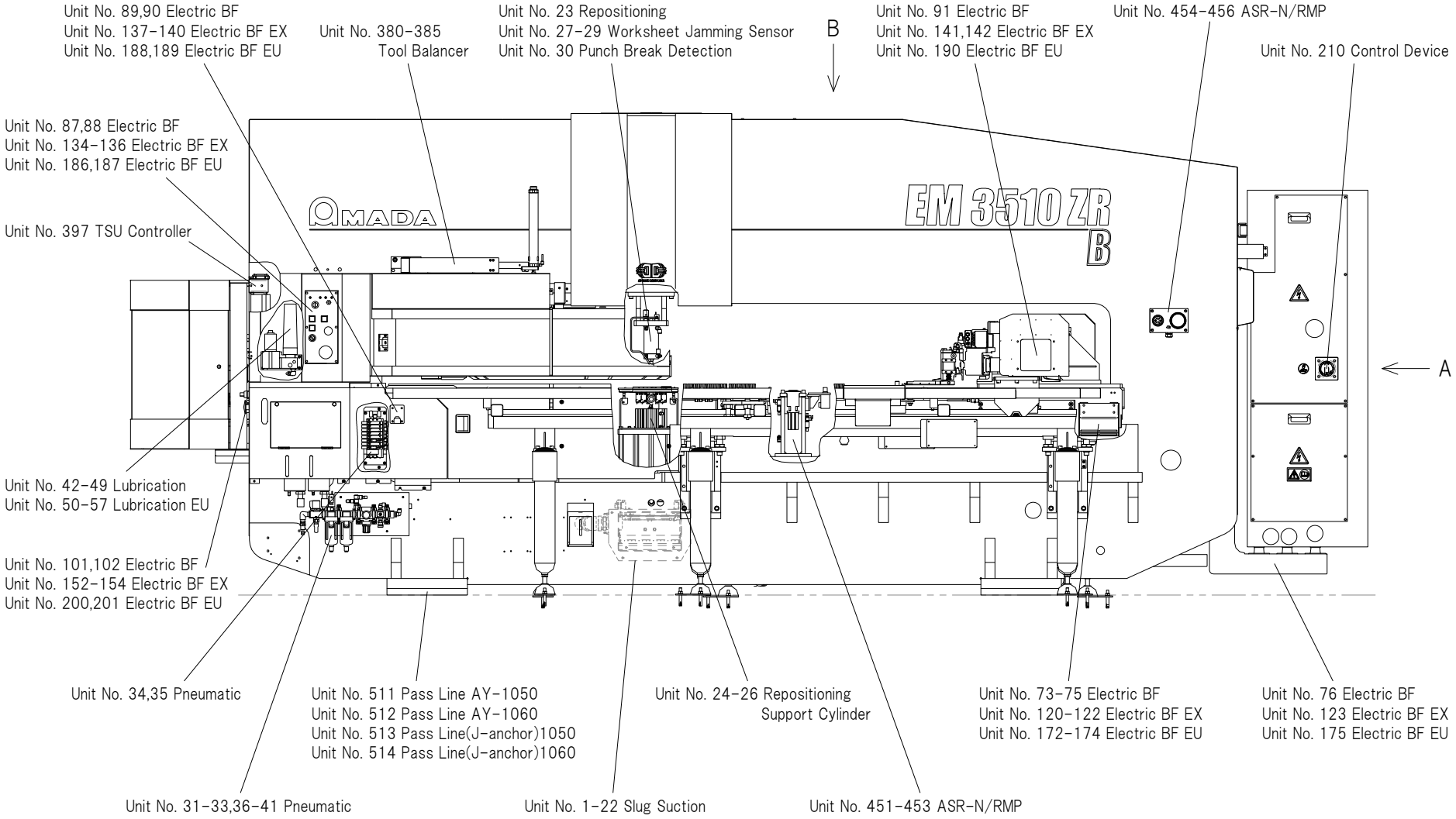
MACHINE COMPONENT(1)

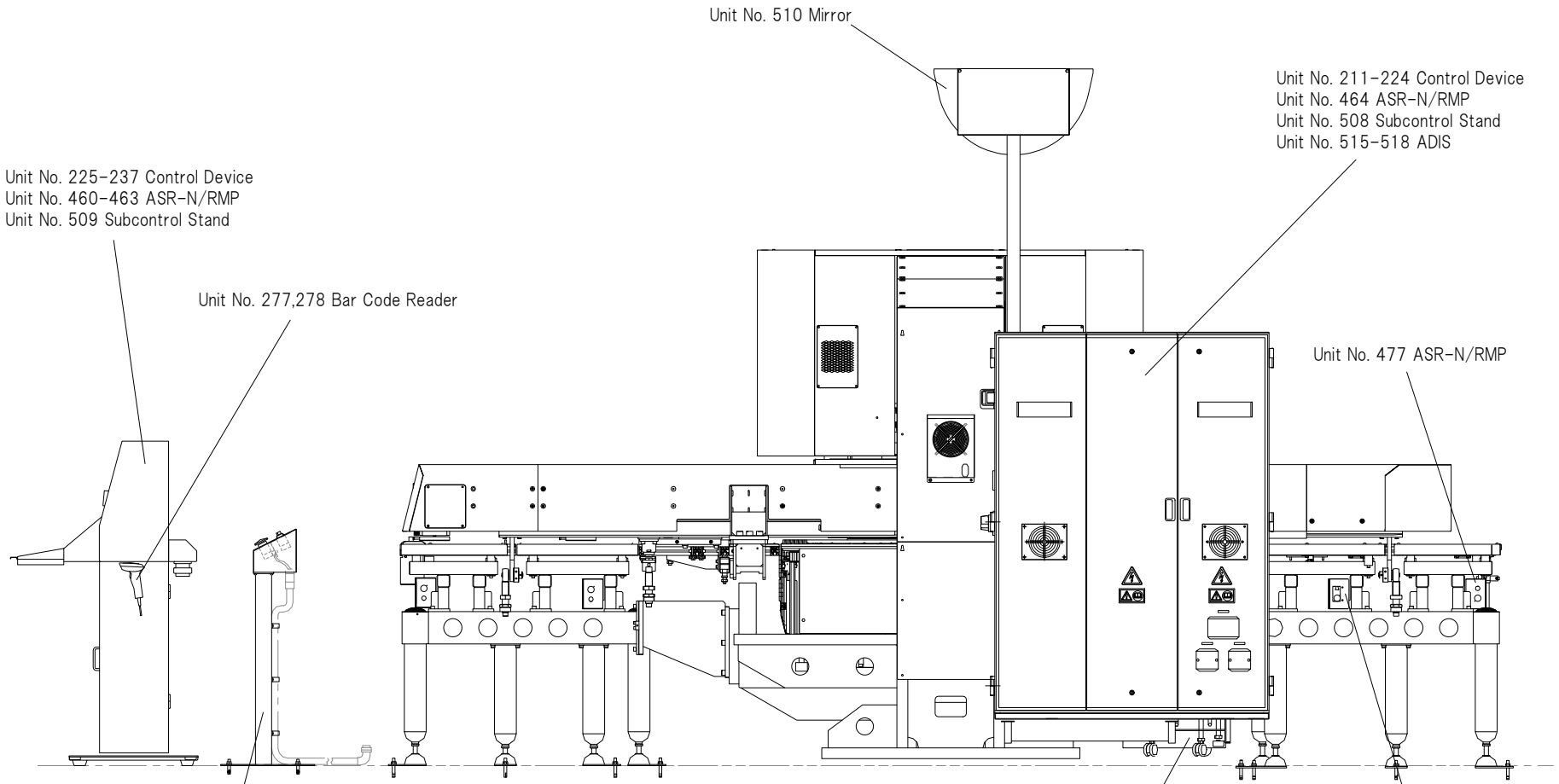
Unit No. 58-71,77-86,92-100,103,104 Electric BF
Unit No. 105-118,124-133,143-151,155,156 Electric BF EX
Unit No. 157-170,176-185,191-199,202 Electric BF EU
Unit No. 203-209,243-246 Control Device
Unit No. 247-256 Air Blow

Unit No. 263-276 Standard Accessory
Unit No. 279-281 Memory Up
Unit No. 282-285 Assembly and Adjustment
Unit No. 386-396 TSU Controller
Unit No. 457-459,467,475,479-481 ASR-N/RMP

Unit No. 483-485 Alignment Jig S
Unit No. 486-489 Alignment Jig L
Unit No. 490-492 Alignment Jig L D
Unit No. 493 Punch Remover L
Unit No. 494 Accessory Paint

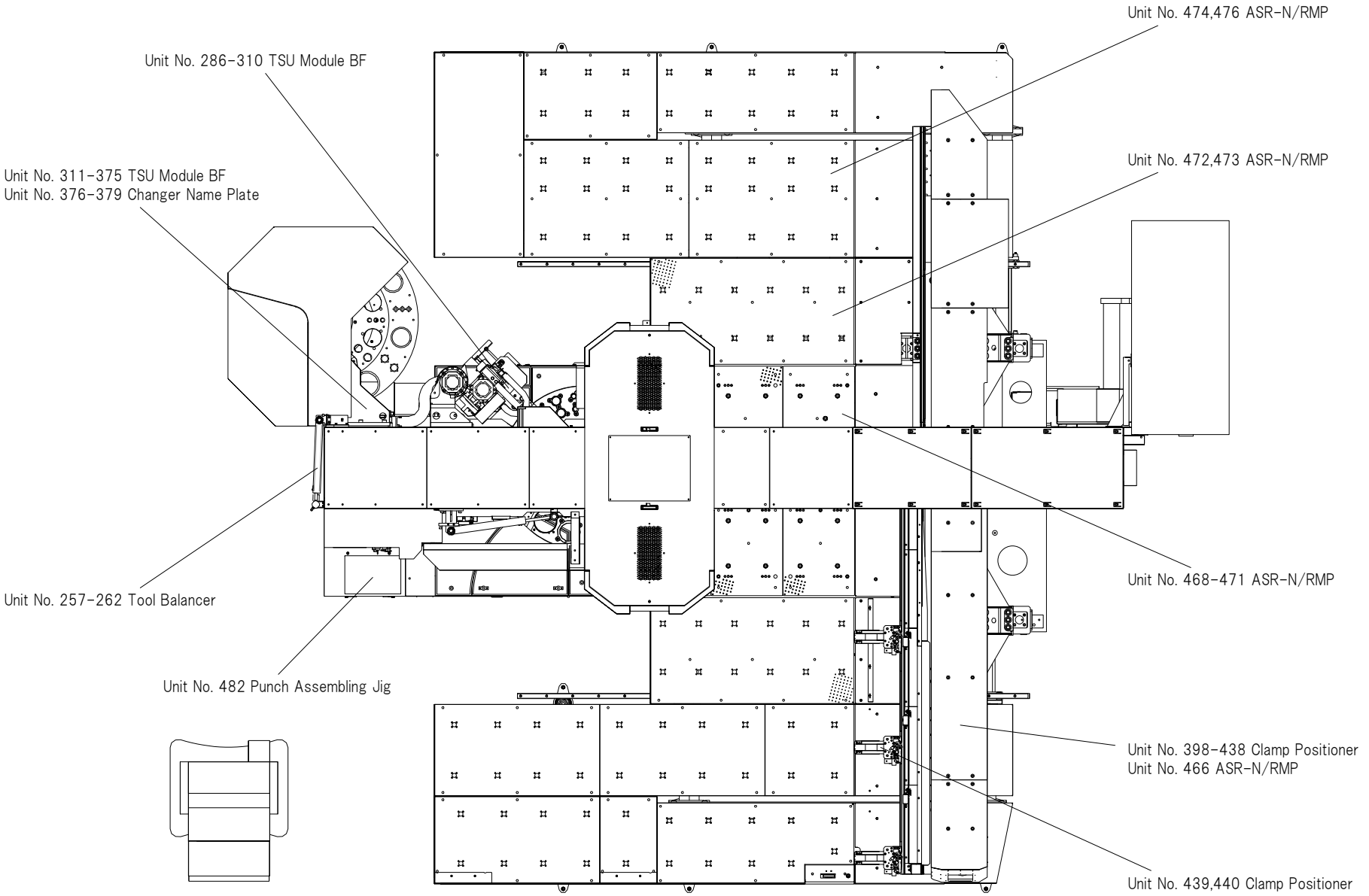


MACHINE COMPONENT(2)



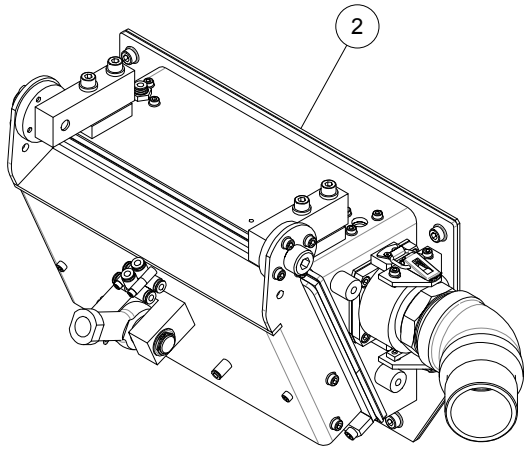
VIEW A

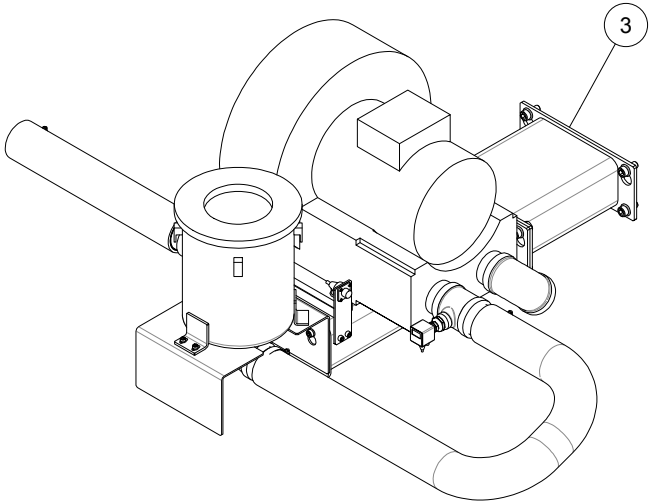
MACHINE COMPONENT(3)

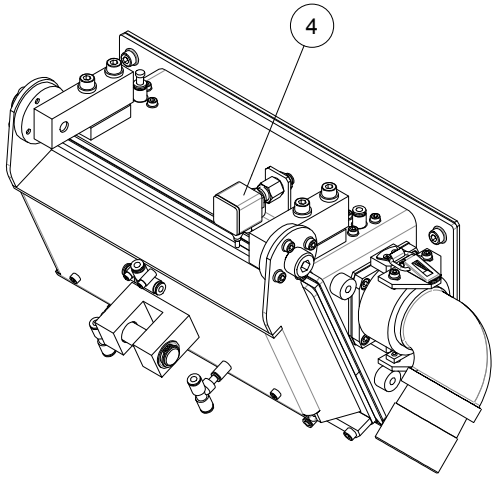


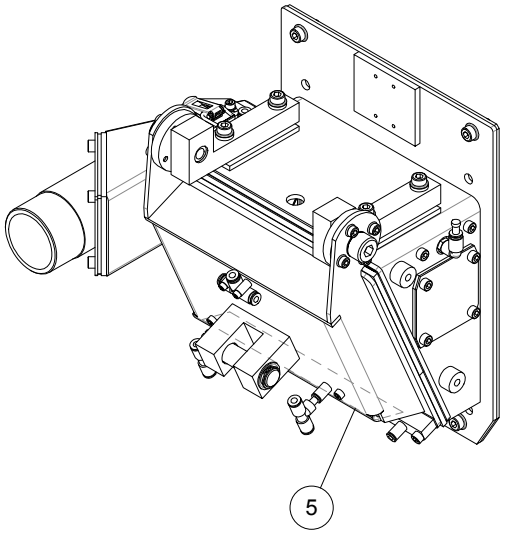
VIEW B

Unit No. 1 Slug Suction









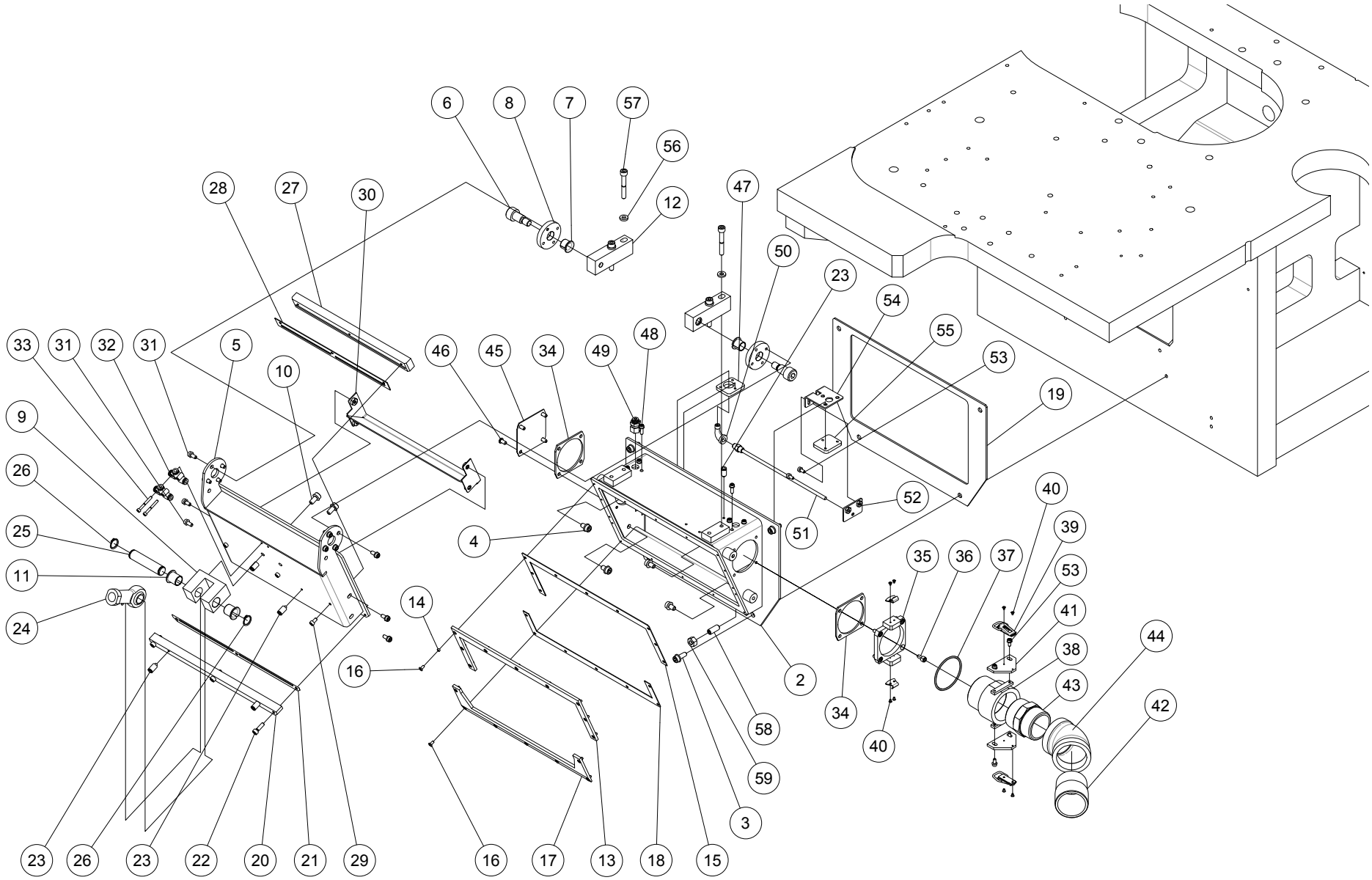
(1) Slug Suction ASSY

WA00290---

Unit No. 1 Slug Suction

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00290---	Slug Suction ASSY	Index 2-8	1
2	WA00640---	Dust Box ASSY		1
3	MA00783---	Blower ASSY		1
4	MA00786---	Pneumatic ASSY		1
5	6878685	Name Plate ASSY		1
6	MA06196---	Cylinder ASSY	List Only	1
7	MA06199---	Protect Plate ASSY	List Only	1
8	MA04950---	Chip Collection Box ASSY	List Only	1

Unit No. 2 Slug Suction <Dust Box ASSY>



(1) Dust Box ASSY

WA00640---

Unit No. 2 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00640---	Dust Box ASSY	Index 2-59	1
2	74902814 MA06182---	Dust Box 1		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	4
5	74902815 MA06183--A	Dust Box 2		1
6	74733079 P338134065	Shoulder Screw MISUMI	MSB16-20	2
7	74420573 P407012028	Bushing OILES Industry	LFF-1615	2
8	74420574 7560077	Boss	D50	2
9	74420575 6878698	Cylinder Knuckle		1
10	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
11	74420576 P407012039	Bushing OILES Industry	LFF-1820	2
12	74902246 MA00825---	Arm		2

Unit No. 2 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902244 MA00798---	Packing NBR		1
14	74420579 P869708025	Spacer MISUMI	SMKB4-3	9
15	74902245 MA00799---	Shim NBR		1
16	74420583 P334704048	Special Screw Conform to MISUMI	CBSTS4-8	16
17	74402036 WA00538---	Packing SUS		1
18	74902089 6885036	Shim Nylon		1
19	74902243 MA00797---	Dust Packing		1
20	74902241 MA00794---	Brow Manifold 1		1
21	74902242 MA00795---	Brow Packing 1		1
22	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	3
23	74565358 P586538091	One Touch Fitting CKD	GWS6-M5-S	5
24	74776945 P409212020	Rod End THK	PHS18	1

Unit No. 2 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74420587 6873653	Pin		1
26	74545336 P406108041	Locating Snap Ring OCHIAI	STW-18	2
27	74902816 MA06184---	Brow Manifold 3		1
28	74902817 MA06186---	Brow Packing 3		1
29	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
30	74402037 WA00642---	Slope		1
31	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	12
32	74732403 P586608049	One Touch Fitting CKD	GWT6-0	2
33	74300602 P330200024	Hex Socket Cap Screw	M4X35	2
34	74452893 6894750	Duct Packing 2		2
35	74902248 MA00827---	Lock Plate B		1
36	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4

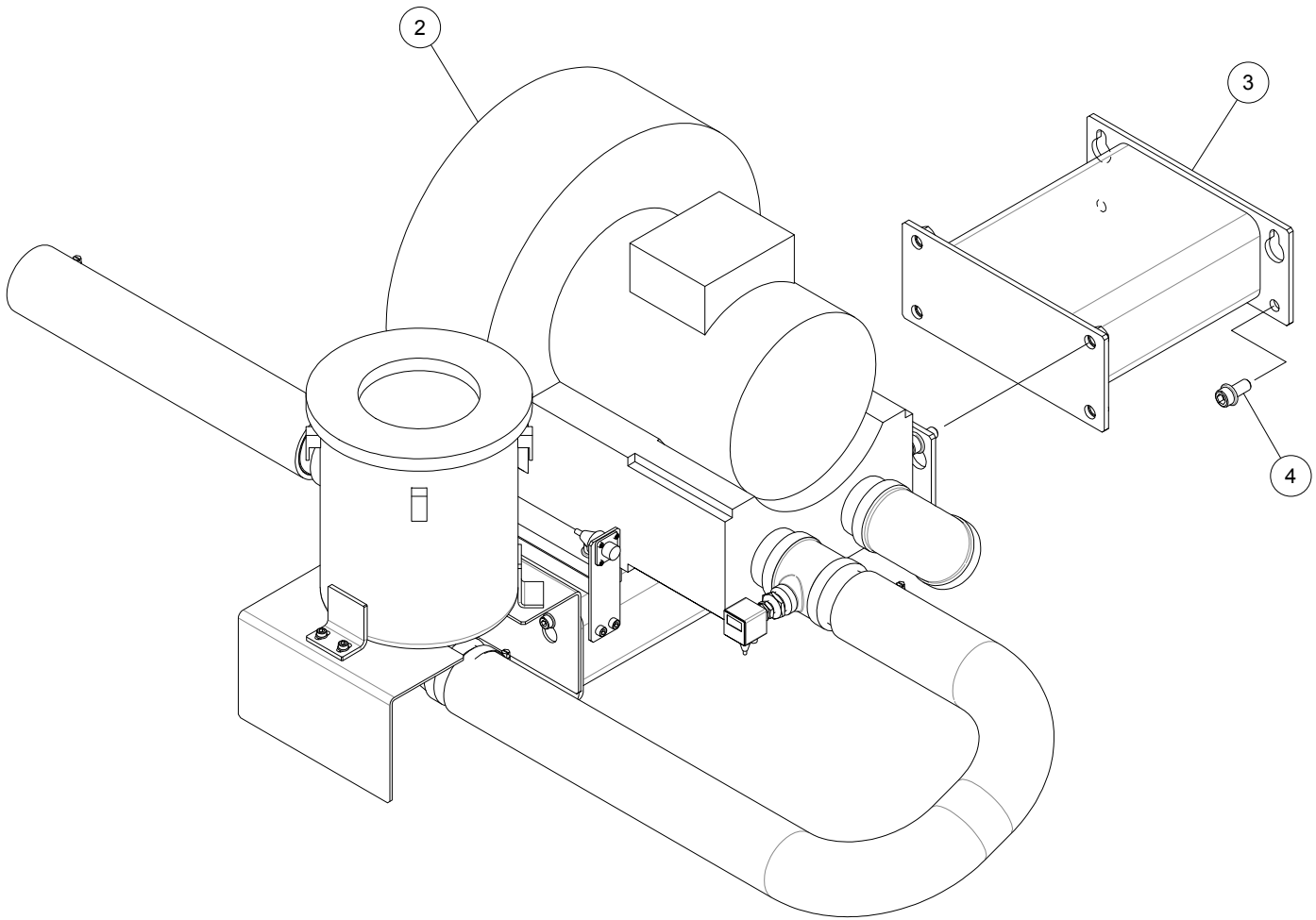
Unit No. 2 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74777084 P590012009	O Ring NOK	1A-G65	1
38	74902823 MA06193---	Filter Duct 2		1
39	74452886 P317428002	Snap Fasteners MISUMI	PKWS3	2
40	74776833 P334520030	Flat Head Bolt NISSAN NEJI	M3X5	8
41	74902247 MA00826---	Lock Plate A		2
42	74470426 7560070	Coupling	D65X6	1
43	74776982 P580020009	Nipple JIS	2 inch	1
44	74903309 P580060013	45 Degrees Elbow JIS	2 inch	1
45	74453976 6894751 A	Name Plate		1
46	74183309 P334500014	Button Head Screw JIS	M6X12	4
47	74902819 MA06188--A	Seal Plate 1		1
48	74900535 P330468027	Flange Socket Bolt NISSAN NEJI	M5X15	6

Unit No. 2 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74420605 P586538094	One Touch Fitting CKD	GWS6-6-E	1
50	74381731 P580050010	Elbow JIS	1/8(Male-Female)	1
51	74903292 P557088020	Nozzle MISUMI	PNMC6-H11-P19-N1.5-S15-Q15	1
52	74902495 MA03115---	Nozzle Bracket 2		1
53	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	6
54	74902818 MA06187--A	Nozzle Bracket 1		1
55	74902820 MA06189--A	Seal Plate 2		1
56	74903171 P336238188	Washer MISUMI	WSSB16-8-3	4
57	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
58	74903132 P330550053	Socket Set Screw JIS	M10X25(Flat Point)	2
59	74716061 P332000032	Nut JIS	M10(Type-1)	2

Unit No. 3 Slug Suction <Blower ASSY>



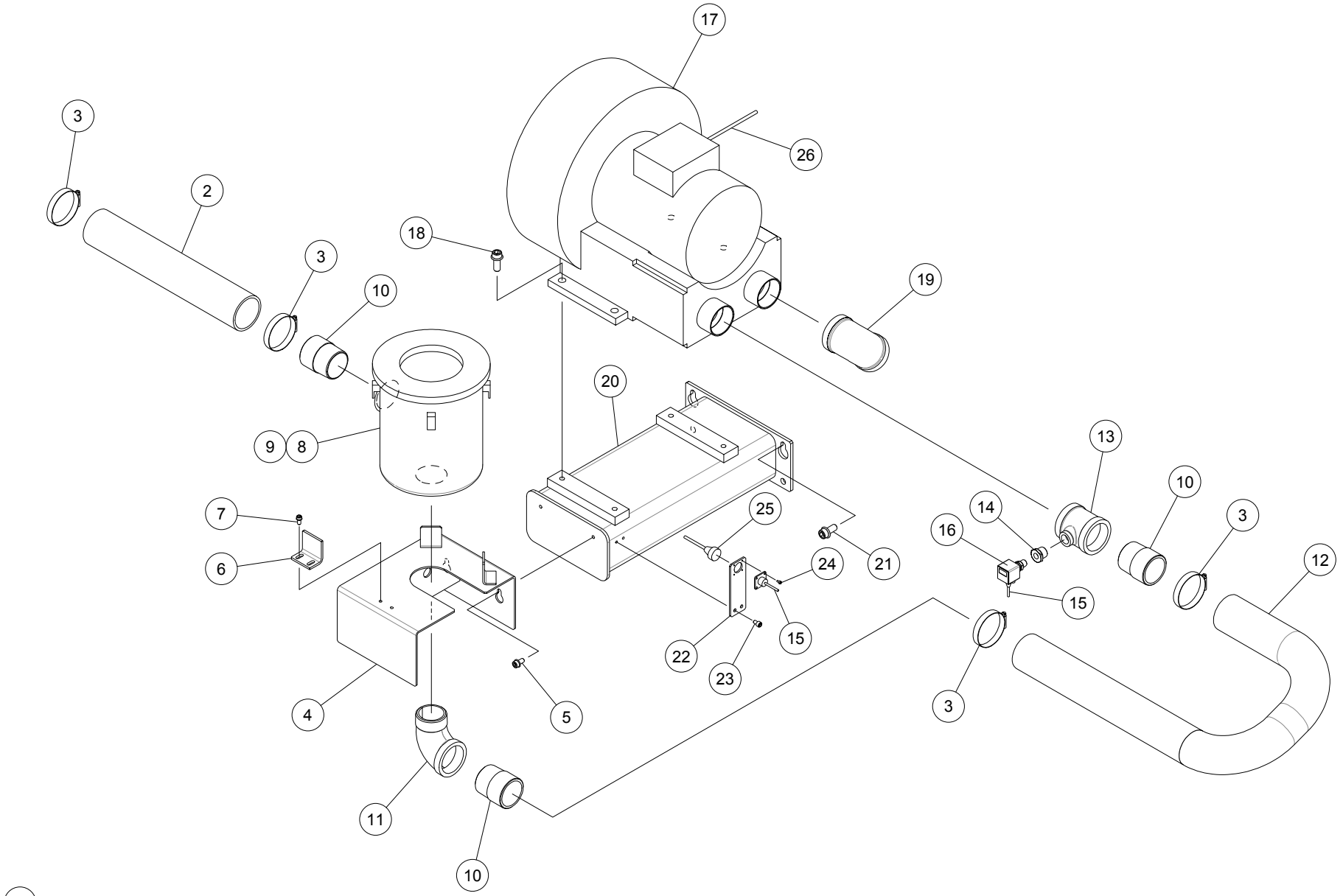
(1) Blower ASSY

MA00783---

Unit No. 3 Slug Suction <Blower ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00783---	Blower ASSY	Index 2-4	1
2	MA00829---	Blower Body ASSY		1
3	74902398 MA02706--A	Blow Base 1		1
4	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	4

Unit No. 4 Slug Suction <Blower Body ASSY>



1 Blower Body ASSY

MA00829---

Unit No. 4 Slug Suction <Blower Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00829---	Blower Body ASSY	Index 2-27	1
2	74902114 7831351---	Duct 1 TOTAKU Industries	2ADB-254(L=2500)	1
3	74613392 P381008005	Hose Band TOTAKU Industries	SY65	4
4	74902239 MA00787--A	Filter Bracket		1
5	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
6	74451677 6894398	Bracket		1
7	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2
8	74100073 P557058007	Filter Element FUJI Electric	VFY036A with Index 9	1
9	74902936 SPT0159---	Element	VFY036A-E	1
10	74470426 7560070	Coupling	D65X6	3
11	74776992 P580050018	Elbow JIS	2 Inch (Male-Female)	1
12	74613375 7831359---	Duct 2 TOTAKU Industries	2ADB-259(L=875)	1

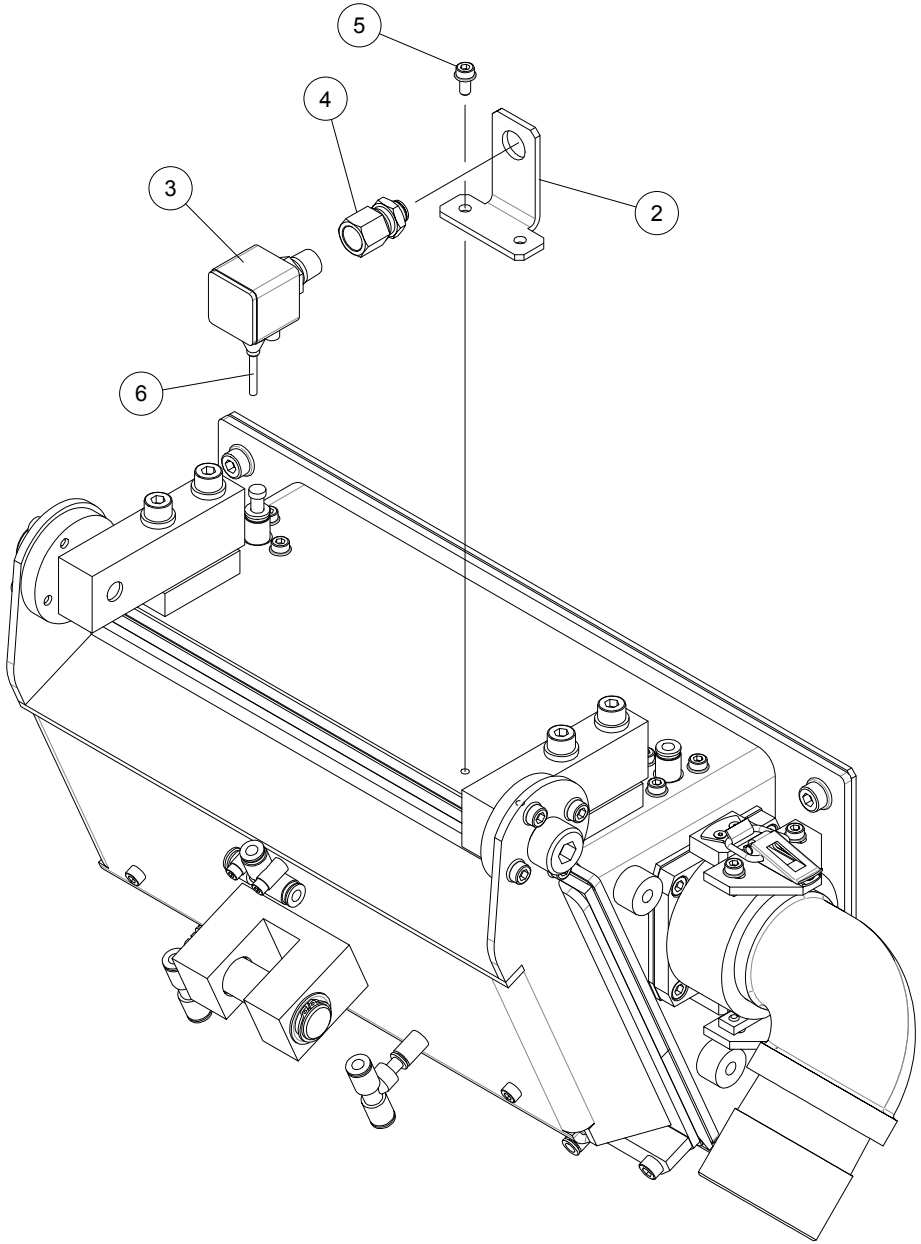
Unit No. 4 Slug Suction <Blower Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903310 P580100039	Tee JIS	2X2X1/2	1
14	74175812 P580010003	Bush for Piping JIS	1/2X1/4	1
15	74452912 6894627	Cable KS-5 (1)	with Index 16	1
16	74452897 P549003032	Pressure Switch SMC	ZSE50F-02-62L-M SP13	1
17	74452906 P538208002	Blower TERAL KYOKUTO	VFZ601AN	1
18	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	4
19	74776991 P580050009	Elbow JIS	2 Inch	1
20	74902399 MA02707--A	Blow Base 2		1
21	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	4
22	74902240 MA00789---	Connector Bracket		1
23	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
24	74300612 P330200001	Hex Socket Cap Screw	M3X6	4

Unit No. 4 Slug Suction <Blower Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902419 MA02888---	Cable KS-5	 (SP13)	1
26	74902488 MA03063---	Cable KS-M	 (M22)	1
27	74450812 P869028077	Flexible Conduit MISUMI	CTUB10-5M List Only	1

Unit No. 5 Slug Suction <Pneumatic ASSY>



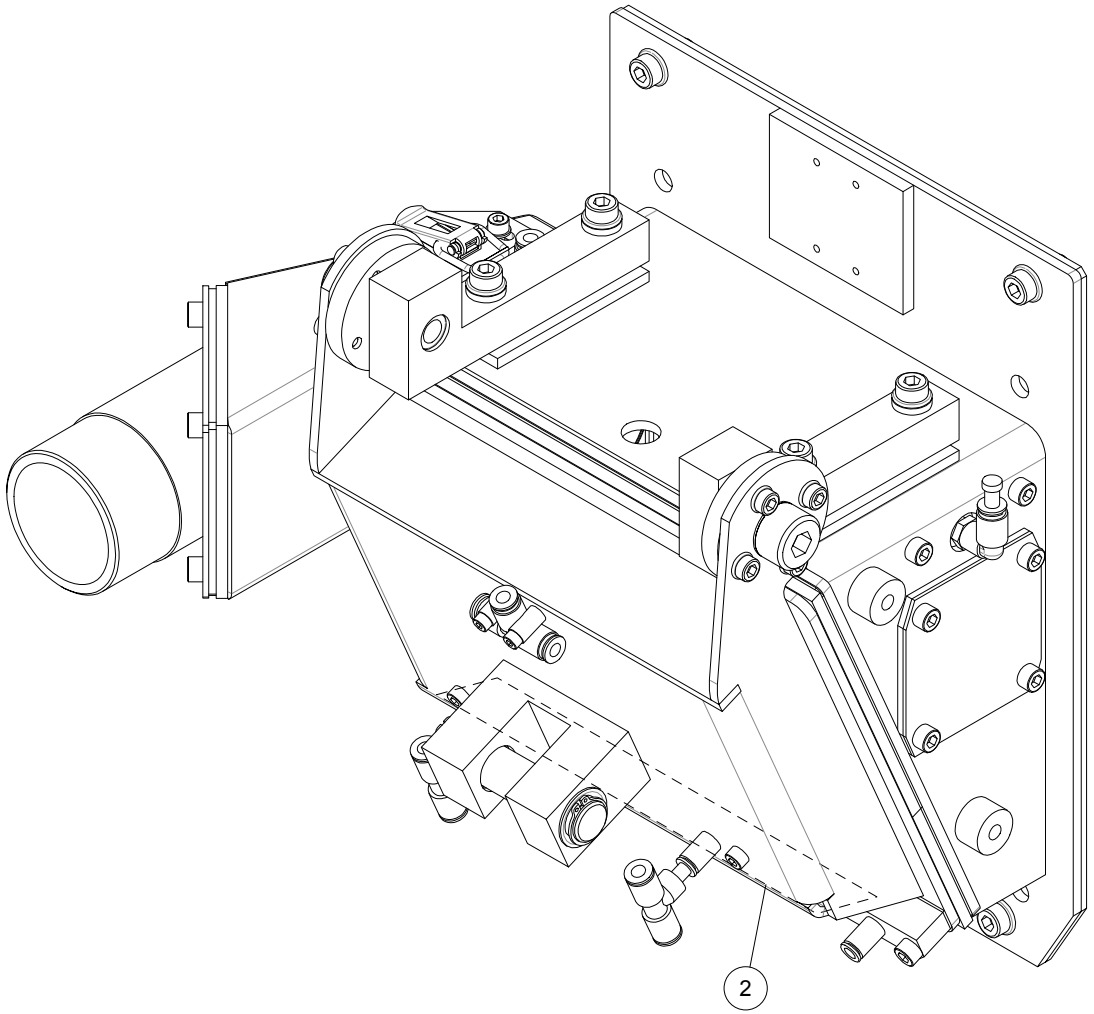
(1) Pneumatic ASSY

MA00786---

Unit No. 5 Slug Suction <Pneumatic ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA00786---	Pneumatic ASSY	 Index 2-6	1
2	74902249 MA00830---	Pressure Gauge Bracket		1
3	74452897 P549003032	Pressure Switch SMC	ZSE50F-02-62L-M	1
4	74569155 P586533120	One Touch Fitting SMC	KQ2E06-02	1
5	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	2
6	74902418 MA02887--A	Cable KS-4	 (SP12)	1

Unit No. 6 Slug Suction <Name Plate ASSY>



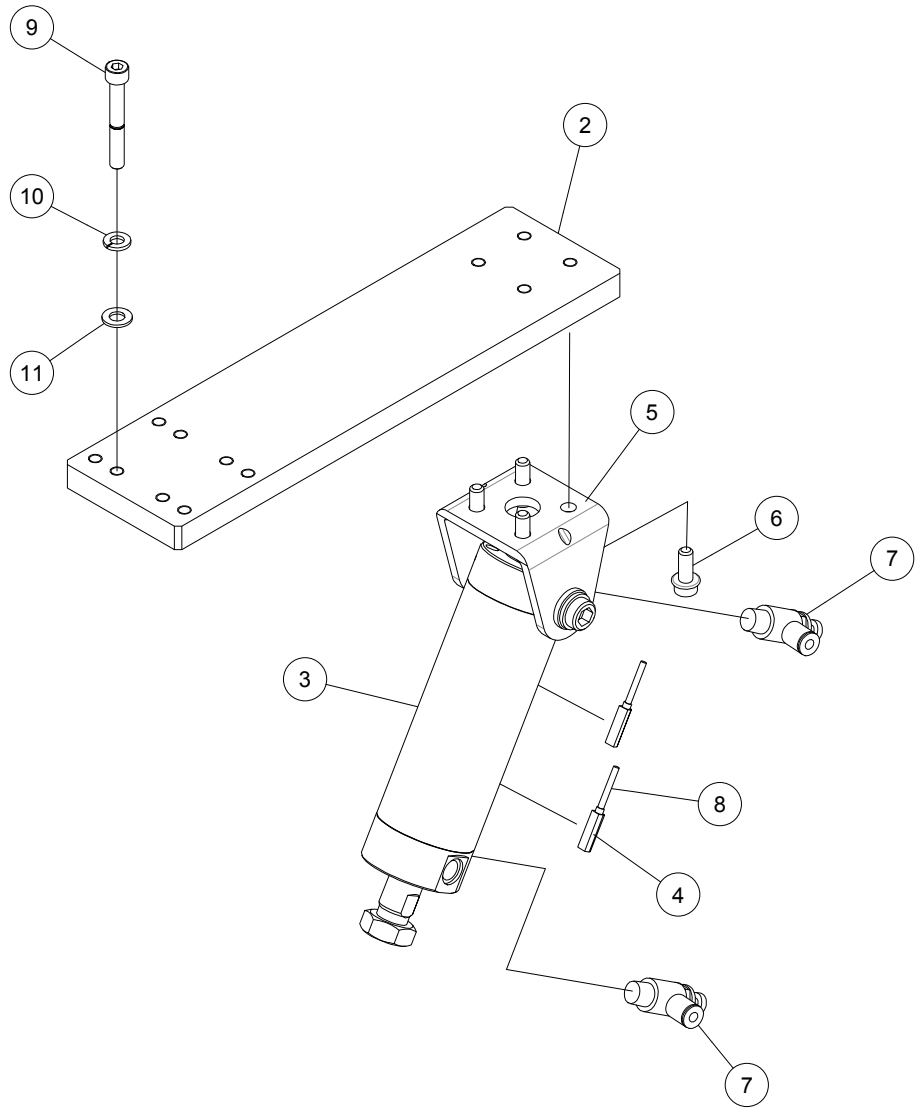
(1) Name Plate ASSY

6878685

Unit No. 6 Slug Suction <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6878685	Name Plate ASSY	Index 2	1
2	74776546 6170009 A	Caution Plate		1

Unit No. 7 Slug Suction <Cylinder ASSY>



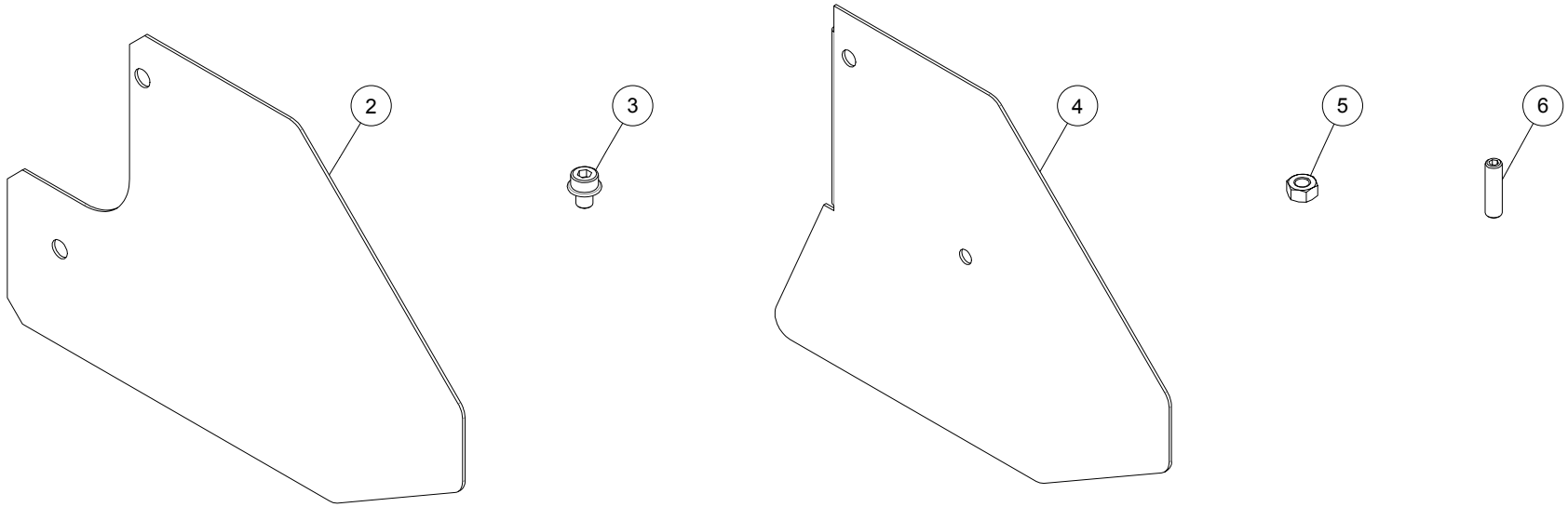
(1) Cylinder ASSY

MA06196---
(MA04919---)

Unit No. 7 Slug Suction <Cylinder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06196---	Cylinder ASSY	Index 2-11	1
2	74902496 MA03117---	Cylinder Bracket		1
3	74903267 P550042075	Air Cylinder SMC	CDG1TA50-150-A93L with Index 4	1
4	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m) SQ354SQ355	2
5	74903268 P550082014	Accessory for Air Cylinder SMC	CG-050-24A	1
6	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
7	74776961 P555004028	Air Flow Control Valve CKD	SC3W-8-6	2
8	74902416 MA02885--B	Cable KS-1		1
9	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
10	74183103 P336050006	Spring Washer JIS	8	4
11	74183027 P336000006	Washer JIS	8(Normal)	4

Unit No. 8 Slug Suction <Protect Plate ASSY>



(1) Protect Plate ASSY

MA06199---

Unit No. 8 Slug Suction <Protect Plate ASSY>

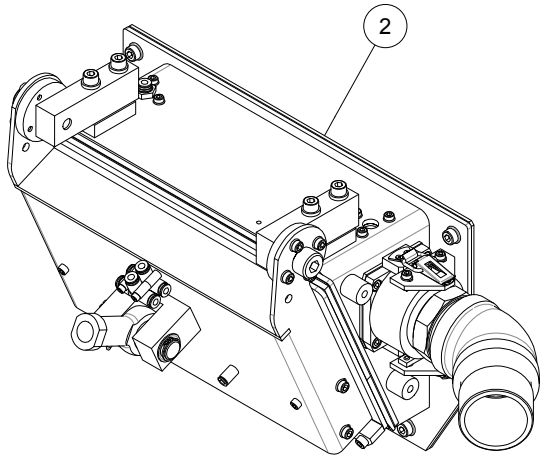
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Protect Plate ASSY		1
	MA06199---		Index 2-6	
2	74902813	Protect Plate 1		1
	MA06181---			
3	74568319	Flange Socket Bolt	M8X10	3
	P330468011	NISSAN NEJI		
4	74902822	Protect Plate 2		1
	MA06192---			
5	74776796	Nut	M8	2
	P332000005	JIS		
6	74776785	Socket Set Screw	M8X30(Flat Type)	1
	P330550043	JIS		

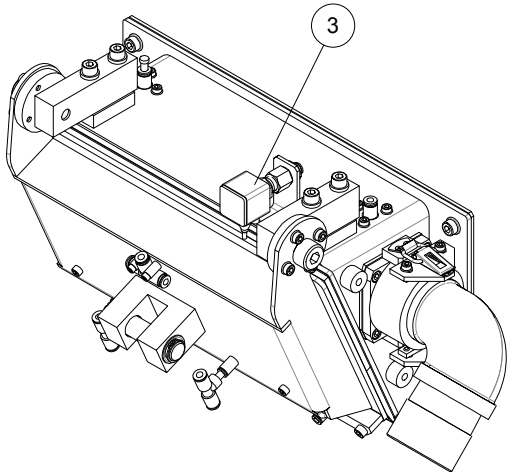
< List Only >

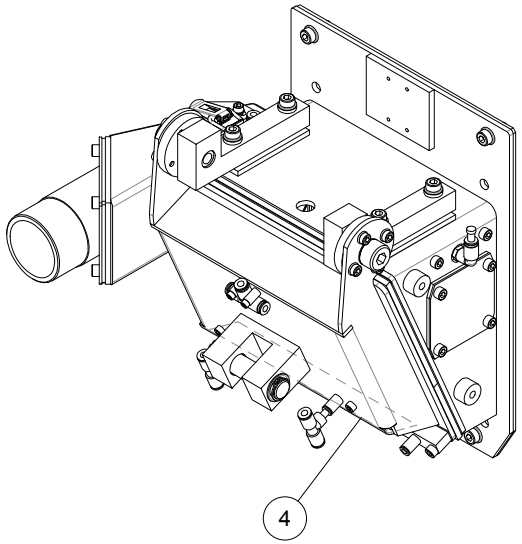
MA04950---

Unit No. 9 Slug Suction <Chip Collection Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04950---	Chip Collection Box ASSY	Index 2-12	1
2	74902676 MA04956---	Chip Collection Box		1
3	74902675 MA04952---	Drawer		1
4	74903117 P317128009	Pull Lever MISUMI	UWANL10-80-27	1
5	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
6	74903119 P317428004	Snap Fasteners MISUMI	PKBSK2	2
7	74388461 P334500036	Button Head Screw JIS	M4X5	8
8	74902677 MA04957--A	Filter Duct		1
9	74452886 P317428002	Snap Fasteners MISUMI	PKWS3	2
10	74903156 P334520059	Flat Head Bolt NISSAN NEJI	M3X10	8
11	74903102 P230608141	Synthesized Rubber NBR MISUMI	FRN1A3-A65-V58	1
12	74613392 P381008005	Hose Band TOTAKU Industries	SY65	2







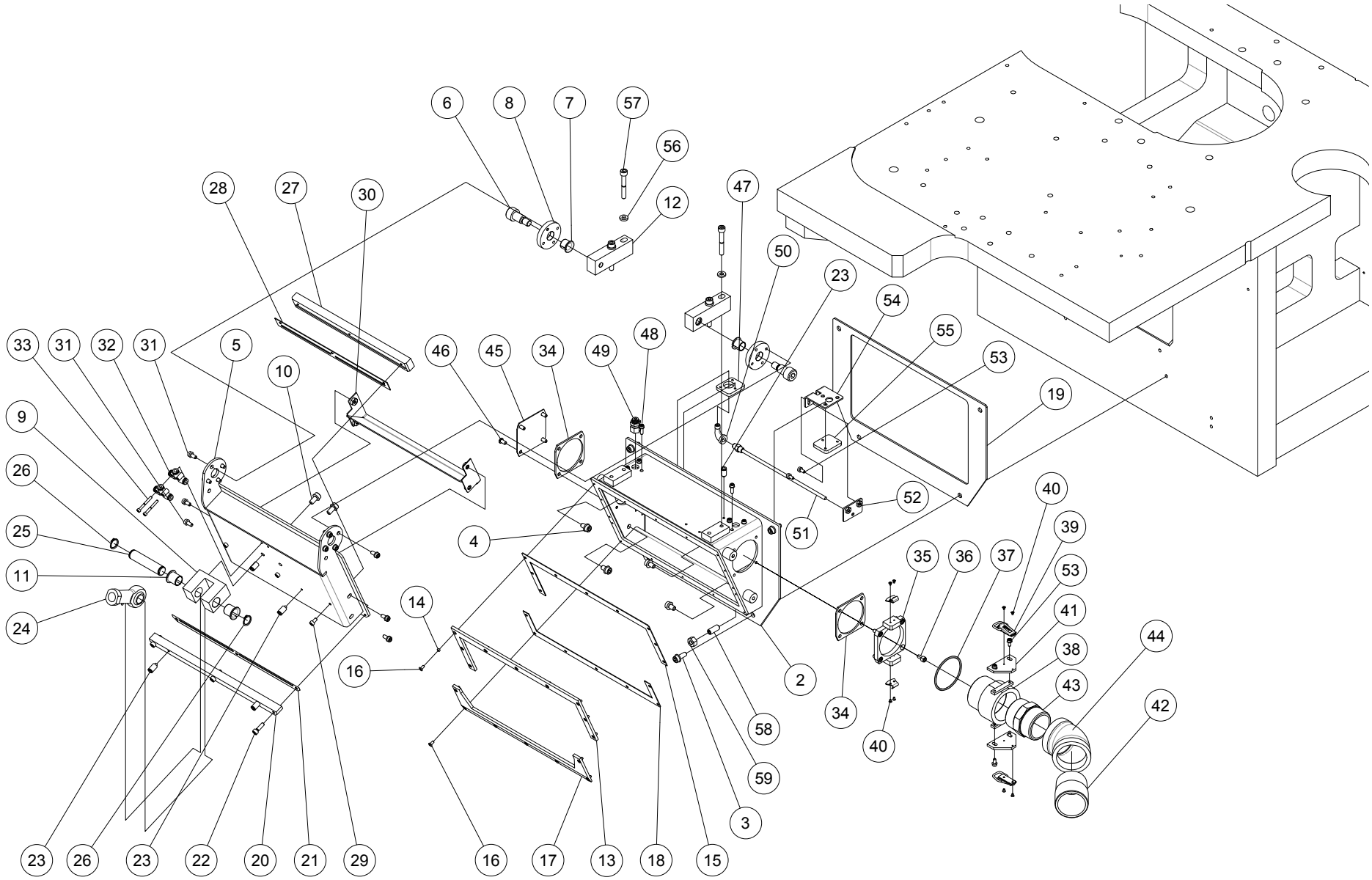
(1) Slug Suction ASSY UL

WA00292---

Unit No. 10 Slug Suction <Slug Suction ASSY UL>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00292---	Slug Suction ASSY UL	Index 2-8	1
2	WA00640---	Dust Box ASSY		1
3	MA00786---	Pneumatic ASSY		1
4	6878685	Name Plate ASSY		1
5	MA06196---	Cylinder ASSY	List Only	1
6	MA00832---	Blower ASSY UL	List Only	1
7	MA06199---	Protect Plate ASSY	List Only	1
8	MA04950---	Chip Collection Box ASSY	List Only	1

Unit No. 11 Slug Suction <Dust Box ASSY>



(1) Dust Box ASSY

WA00640---

Unit No. 11 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00640---	Dust Box ASSY	Index 2-59	1
2	74902814 MA06182---	Dust Box 1		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	4
5	74902815 MA06183--A	Dust Box 2		1
6	74733079 P338134065	Shoulder Screw MISUMI	MSB16-20	2
7	74420573 P407012028	Bushing OILES Industry	LFF-1615	2
8	74420574 7560077	Boss	D50	2
9	74420575 6878698	Cylinder Knuckle		1
10	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
11	74420576 P407012039	Bushing OILES Industry	LFF-1820	2
12	74902246 MA00825---	Arm		2

Unit No. 11 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902244 MA00798---	Packing NBR		1
14	74420579 P869708025	Spacer MISUMI	SMKB4-3	9
15	74902245 MA00799---	Shim NBR		1
16	74420583 P334704048	Special Screw Conform to MISUMI	CBSTS4-8	16
17	74402036 WA00538---	Packing SUS		1
18	74902089 6885036	Shim Nylon		1
19	74902243 MA00797---	Dust Packing		1
20	74902241 MA00794---	Brow Manifold 1		1
21	74902242 MA00795---	Brow Packing 1		1
22	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	3
23	74565358 P586538091	One Touch Fitting CKD	GWS6-M5-S	5
24	74776945 P409212020	Rod End THK	PHS18	1

Unit No. 11 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74420587 6873653	Pin		1
26	74545336 P406108041	Locating Snap Ring OCHIAI	STW-18	2
27	74902816 MA06184---	Brow Manifold 3		1
28	74902817 MA06186---	Brow Packing 3		1
29	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
30	74402037 WA00642---	Slope		1
31	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	12
32	74732403 P586608049	One Touch Fitting CKD	GWT6-0	2
33	74300602 P330200024	Hex Socket Cap Screw	M4X35	2
34	74452893 6894750	Duct Packing 2		2
35	74902248 MA00827---	Lock Plate B		1
36	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4

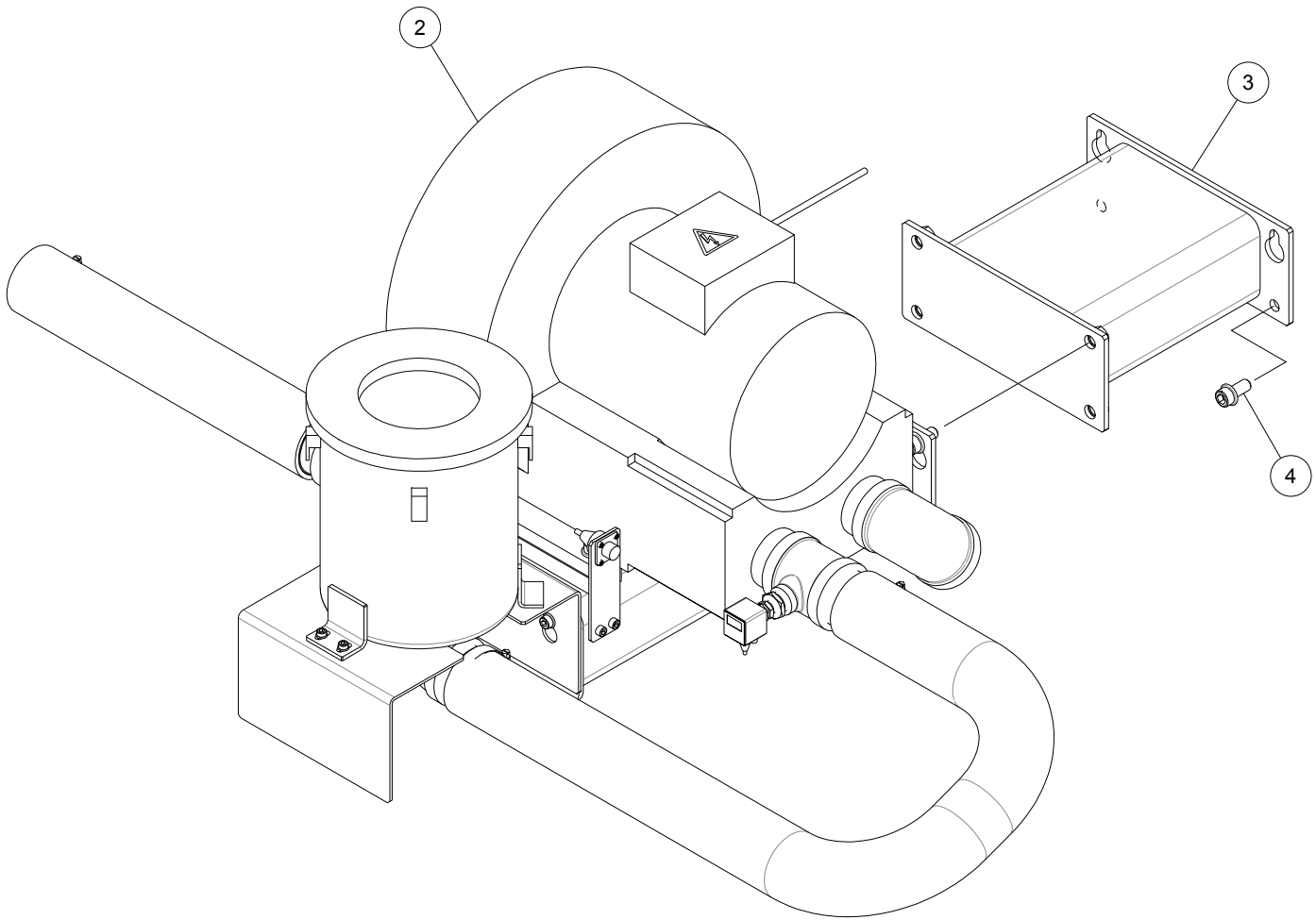
Unit No. 11 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74777084 P590012009	O Ring NOK	1A-G65	1
38	74902823 MA06193---	Filter Duct 2		1
39	74452886 P317428002	Snap Fasteners MISUMI	PKWS3	2
40	74776833 P334520030	Flat Head Bolt NISSAN NEJI	M3X5	8
41	74902247 MA00826---	Lock Plate A		2
42	74470426 7560070	Coupling	D65X6	1
43	74776982 P580020009	Nipple JIS	2 inch	1
44	74903309 P580060013	45 Degrees Elbow JIS	2 inch	1
45	74453976 6894751 A	Name Plate		1
46	74183309 P334500014	Button Head Screw JIS	M6X12	4
47	74902819 MA06188--A	Seal Plate 1		1
48	74900535 P330468027	Flange Socket Bolt NISSAN NEJI	M5X15	6

Unit No. 11 Slug Suction <Dust Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74420605 P586538094	One Touch Fitting CKD	GWS6-6-E	1
50	74381731 P580050010	Elbow JIS	1/8(Male-Female)	1
51	74903292 P557088020	Nozzle MISUMI	PNMC6-H11-P19-N1.5-S15-Q15	1
52	74902495 MA03115---	Nozzle Bracket 2		1
53	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	6
54	74902818 MA06187--A	Nozzle Bracket 1		1
55	74902820 MA06189--A	Seal Plate 2		1
56	74903171 P336238188	Washer MISUMI	WSSB16-8-3	4
57	74300561 P330230013	Hex Socket Cap Screw	M8X55	4
58	74903132 P330550053	Socket Set Screw JIS	M10X25(Flat Point)	2
59	74716061 P332000032	Nut JIS	M10(Type-1)	2

Unit No. 12 Slug Suction <Blower ASSY UL>



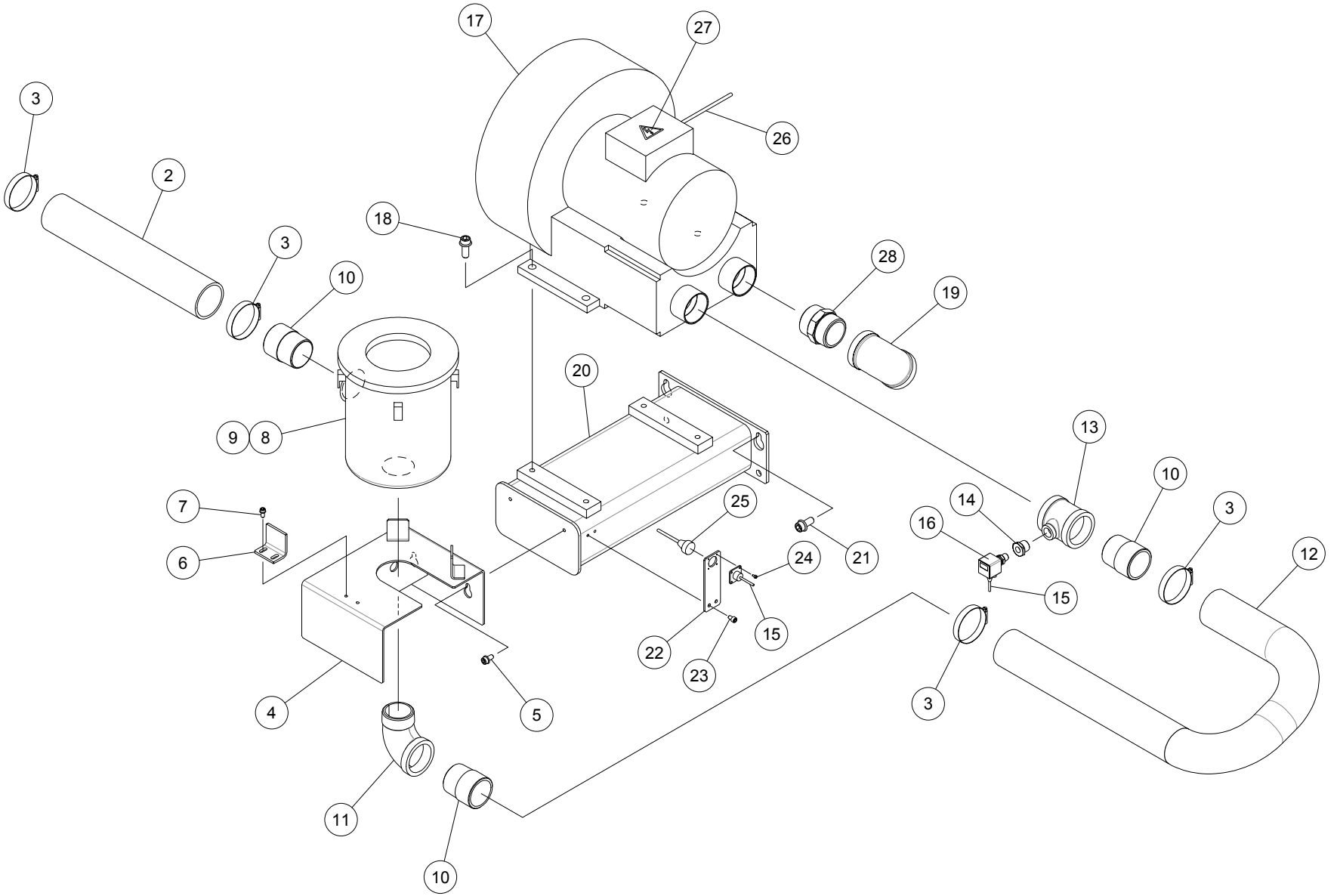
(1) Blower ASSY UL

MA00832---
(MA00783---)

Unit No. 12 Slug Suction <Blower ASSY UL>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Blower ASSY UL		1
	MA00832---		Index 2-4	
2		Blower Body ASSY UL		1
	MA00834---			
3	74902398	Blow Base 1		1
	MA02706--A			
4	74776780	Flange Socket Bolt	M12X25	4
	P330468037	NISSAN NEJI		

Unit No. 13 Slug Suction <Blower Body ASSY UL>



(1) Blower Body ASSY UL

MA00834---
(MA00829---)

Unit No. 13 Slug Suction <Blower Body ASSY UL>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00834---	Blower Body ASSY UL	Index 2-33	1
2	74902114 7831351---	Duct 1 TOTAKU Industries	2ADB-254(L=2500)	1
3	74613392 P381008005	Hose Band TOTAKU Industries	SY65	4
4	74902239 MA00787--A	Filter Bracket		1
5	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
6	74451677 6894398	Bracket		1
7	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2
8	74100073 P557058007	Filter Element FUJI Electric	VFY036A with Index 9	1
9	74902936 SPT0159---	Element	VFY036A-E	1
10	74470426 7560070	Coupling	D65X6	3
11	74776992 P580050018	Elbow JIS	2 Inch (Male-Female)	1
12	74613375 7831359---	Duct 2 TOTAKU Industries	2ADB-259(L=875)	1

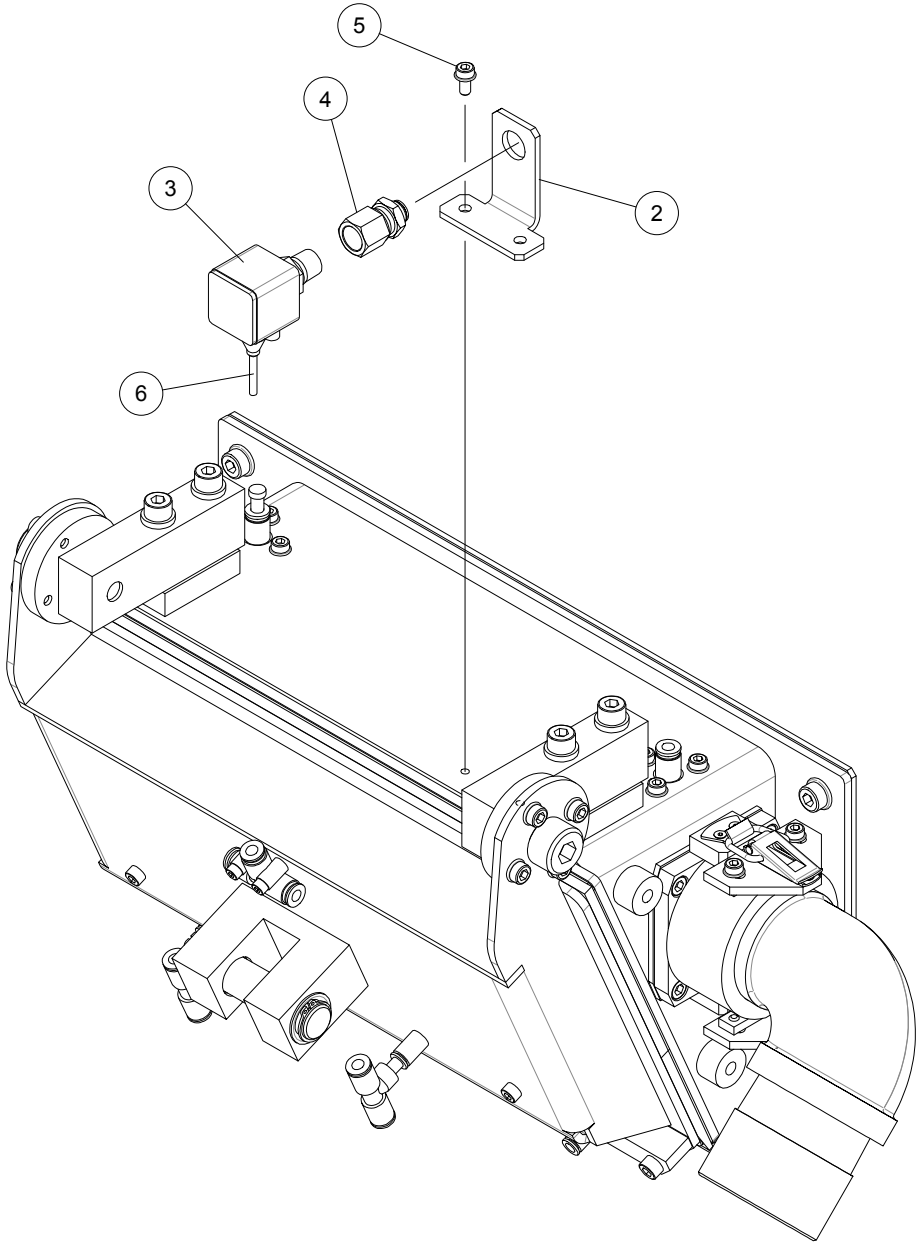
Unit No. 13 Slug Suction <Blower Body ASSY UL>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903310 P580100039	Tee JIS	2X2X1/2	1
14	74175812 P580010003	Bush for Piping JIS	1/2X1/4	1
15	74452912 6894627	Cable KS-5 (1)	with Index 16	1
16	74452897 P549003032	Pressure Switch SMC	ZSE50F-02-62L-M SP13	1
17	74453977 P538208003	Blower FUJI Electric	VFC600A-7W	1
18	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	4
19	74776992 P580050018	Elbow JIS	2 Inch (Male-Female)	1
20	74902399 MA02707--A	Blow Base 2		1
21	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	4
22	74902240 MA00789---	Connector Bracket		1
23	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
24	74300612 P330200001	Hex Socket Cap Screw	M3X6	4

Unit No. 13 Slug Suction <Blower Body ASSY UL>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902419	Cable KS-5		1
	MA02888---		(SP13)	
26	74902681	Cable KS-M		1
	MA04967---		(M22)	
27	74901396	Charging Mark	JISB6015-40H	1
	P360200002	JIS		
28	74776982	Nipple	2 Inch	1
	P580020009	JIS		
29	74450812	Flexible Conduit	CTUB10-5M	1
	P869028077	MISUMI	List Only	
30	74454155	Flexible Conduit	CTUB15-10	1
	P869028011	MISUMI	List Only	
31	74453983	Insulating Pipe	OA-QM5	2
	P869148001	OHM Electric	List Only	
32	74613460	Insulating Pipe	OA-QM6	4
	P869148005	OHM Electric	List Only	
33	74183229	Pan Head Screw	M5X10	4
	P334100039	JIS	List Only	

Unit No. 14 Slug Suction <Pneumatic ASSY>

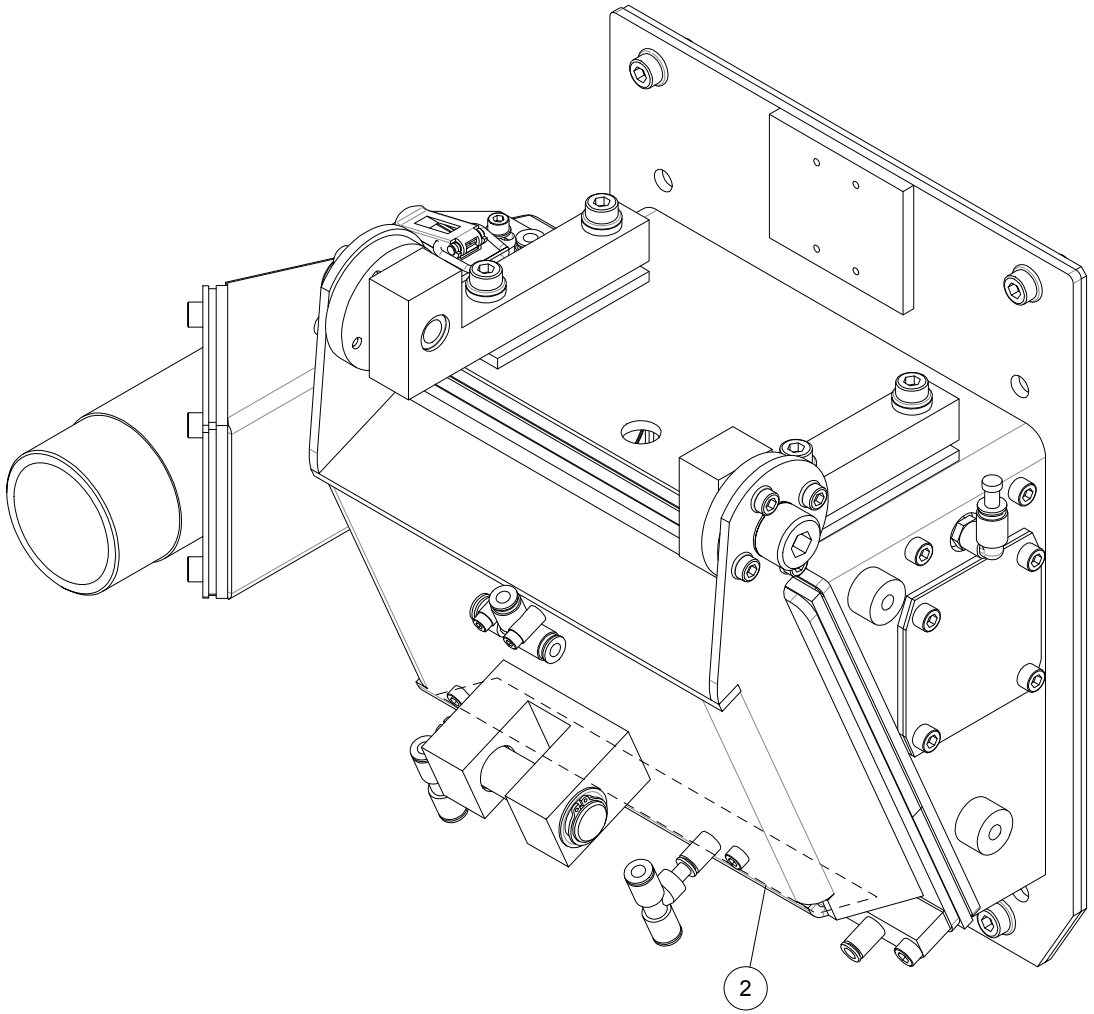


(1) Pneumatic ASSY

MA00786---

Unit No. 14 Slug Suction <Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Pneumatic ASSY		1
	MA00786---		Index 2-6	
2	74902249	Pressure Gauge Bracket		1
	MA00830---			
3	74452897	Pressure Switch	ZSE50F-02-62L-M	1
	P549003032	SMC		
4	74569155	One Touch Fitting	KQ2E06-02	1
	P586533120	SMC		
5	74560004	Flange Socket Bolt	M5X10	2
	P330460006	NISSAN NEJI		
6	74902418	Cable KS-4		1
	MA02887--A		(SP12)	

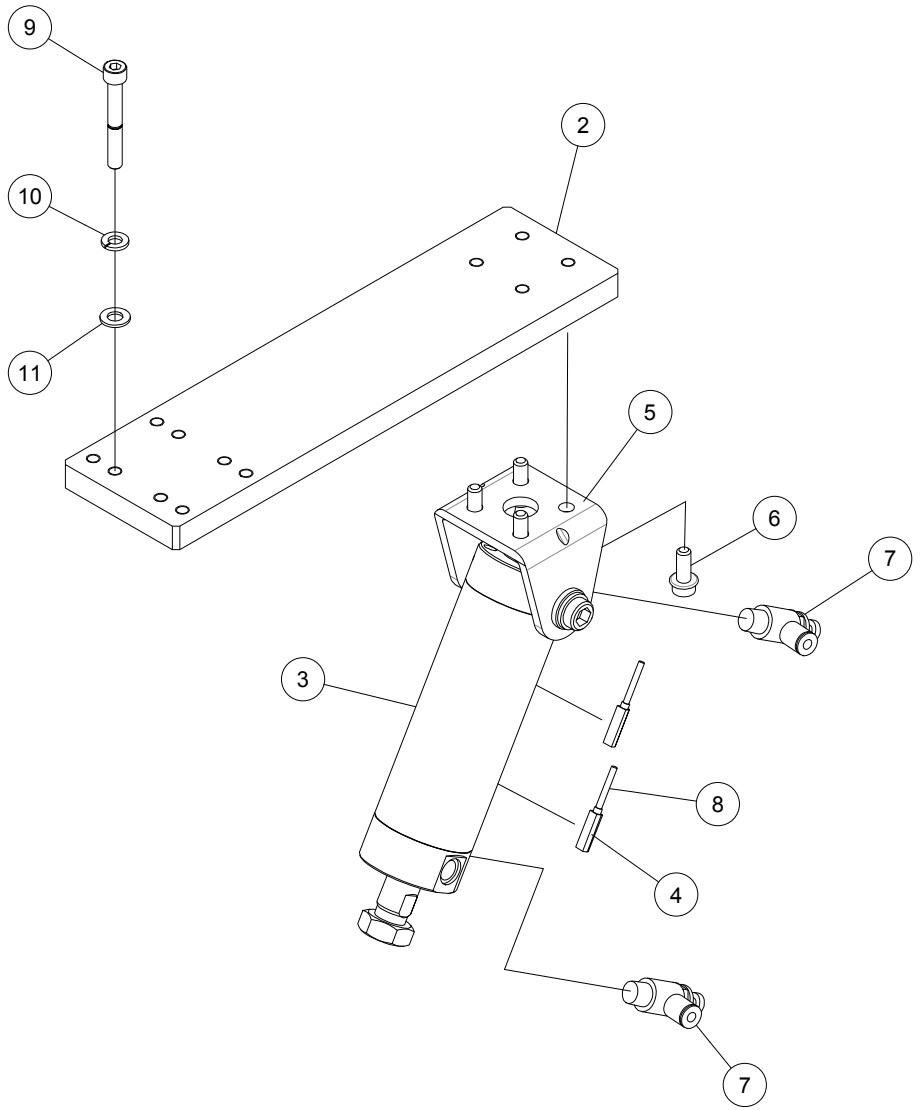


(1) Name Plate ASSY

6878685

Unit No. 15 Slug Suction <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6878685	Name Plate ASSY	Index 2	1
2	74776546 6170009 A	Caution Plate		1

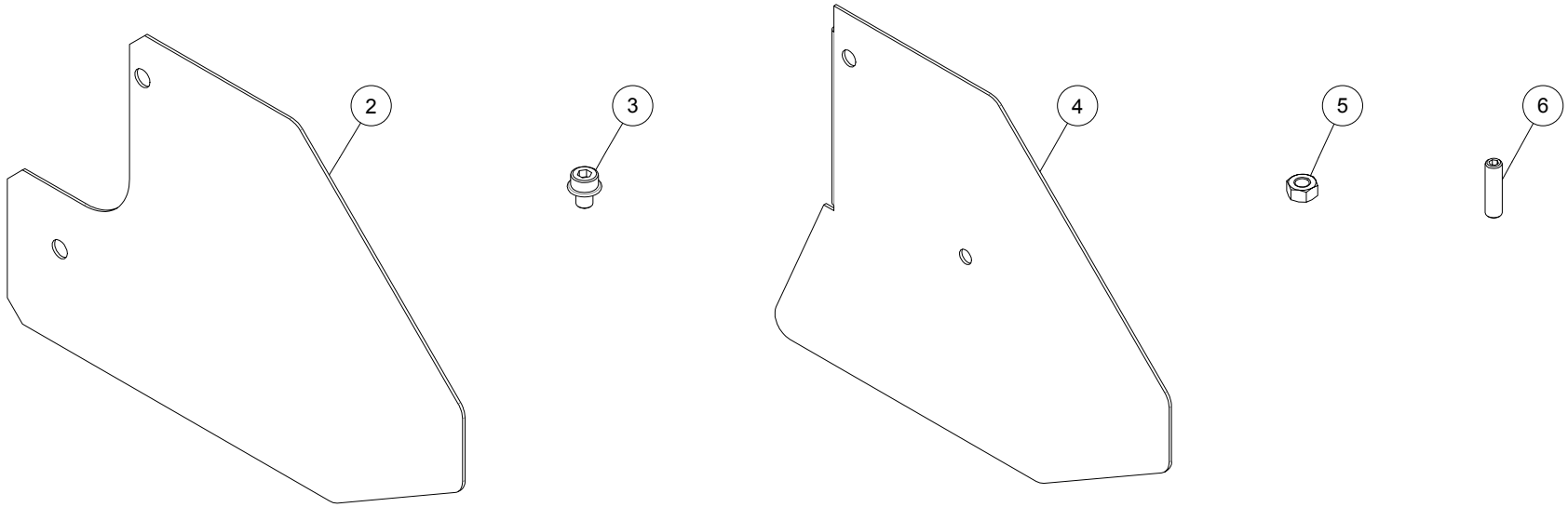


(1) Cylinder ASSY

MA06196---
(MA04919---)

Unit No. 16 Slug Suction <Cylinder ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06196---	Cylinder ASSY	Index 2-11	1
2	74902496 MA03117---	Cylinder Bracket		1
3	74903267 P550042075	Air Cylinder SMC	CDG1TA50-150-A93L with Index 4	1
4	74900611 P829008014	Cylinder Switch SMC	A93L (Lead Wire 3m) SQ354SQ355	2
5	74903268 P550082014	Accessory for Air Cylinder SMC	CG-050-24A	1
6	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
7	74776961 P555004028	Air Flow Control Valve CKD	SC3W-8-6	2
8	74902416 MA02885--B	Cable KS-1		1
9	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
10	74183103 P336050006	Spring Washer JIS	8	4
11	74183027 P336000006	Washer JIS	8(Normal)	4



(1) Protect Plate ASSY

MA06199---

Unit No. 17 Slug Suction <Protect Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Protect Plate ASSY		1
	MA06199---		Index 2-6	
2	74902813	Protect Plate 1		1
	MA06181---			
3	74568319	Flange Socket Bolt	M8X10	3
	P330468011	NISSAN NEJI		
4	74902822	Protect Plate 2		1
	MA06192---			
5	74776796	Nut	M8	2
	P332000005	JIS		
6	74776785	Socket Set Screw	M8X30(Flat Type)	1
	P330550043	JIS		

< List Only >

MA04950---

Unit No. 18 Slug Suction <Chip Collection Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04950---	Chip Collection Box ASSY	Index 2-12	1
2	74902676 MA04956---	Chip Collection Box		1
3	74902675 MA04952---	Drawer		1
4	74903117 P317128009	Pull Lever MISUMI	UWANL10-80-27	1
5	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
6	74903119 P317428004	Snap Fasteners MISUMI	PKBSK2	2
7	74388461 P334500036	Button Head Screw JIS	M4X5	8
8	74902677 MA04957--A	Filter Duct		1
9	74452886 P317428002	Snap Fasteners MISUMI	PKWS3	2
10	74903156 P334520059	Flat Head Bolt NISSAN NEJI	M3X10	8
11	74903102 P230608141	Synthesized Rubber NBR MISUMI	FRN1A3-A65-V58	1
12	74613392 P381008005	Hose Band TOTAKU Industries	SY65	2

< List Only >

MA06197---

Unit No. 19 Slug Suction <Pneumatic ASSY (Dust Box)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06197---	Pneumatic ASSY (Dust Box)	Index 2-26	1
2	74563808 P586608043	One Touch Fitting CKD	GWT10-0 (Branch)	1
3	74902821 MA06190--A	Manifold Bracket		1
4	74902140 7835657---	2-station Solenoid Valve SMC	SS5Y5-X1466-Q Index 5-11	1
5	74902937 SPT0160---	5 Port Solenoid Valve SMC	SY5320-5DZ-01-X462-Q	2
6	74613229 P586533071	Half Union SMC	KQ2H10-02S	1
7	74900639 P586533093	Half Union SMC	KQ2S06-01S	3
8	74777048 P586623031	Elbow Union SMC	KQ2L06-01S (Elbow Union)	1
9	74903291 P557032035	Silencer SMC	AN15-02	2
10	74902938 SPT0161---	Plug SMC	SY5000-9-2	3
11	74902939 SPT0162---	Manifold Base SMC	SS5Y5-20-02-Q	1
12	74300602 P330200024	Hex Socket Cap Screw	M4X35	4

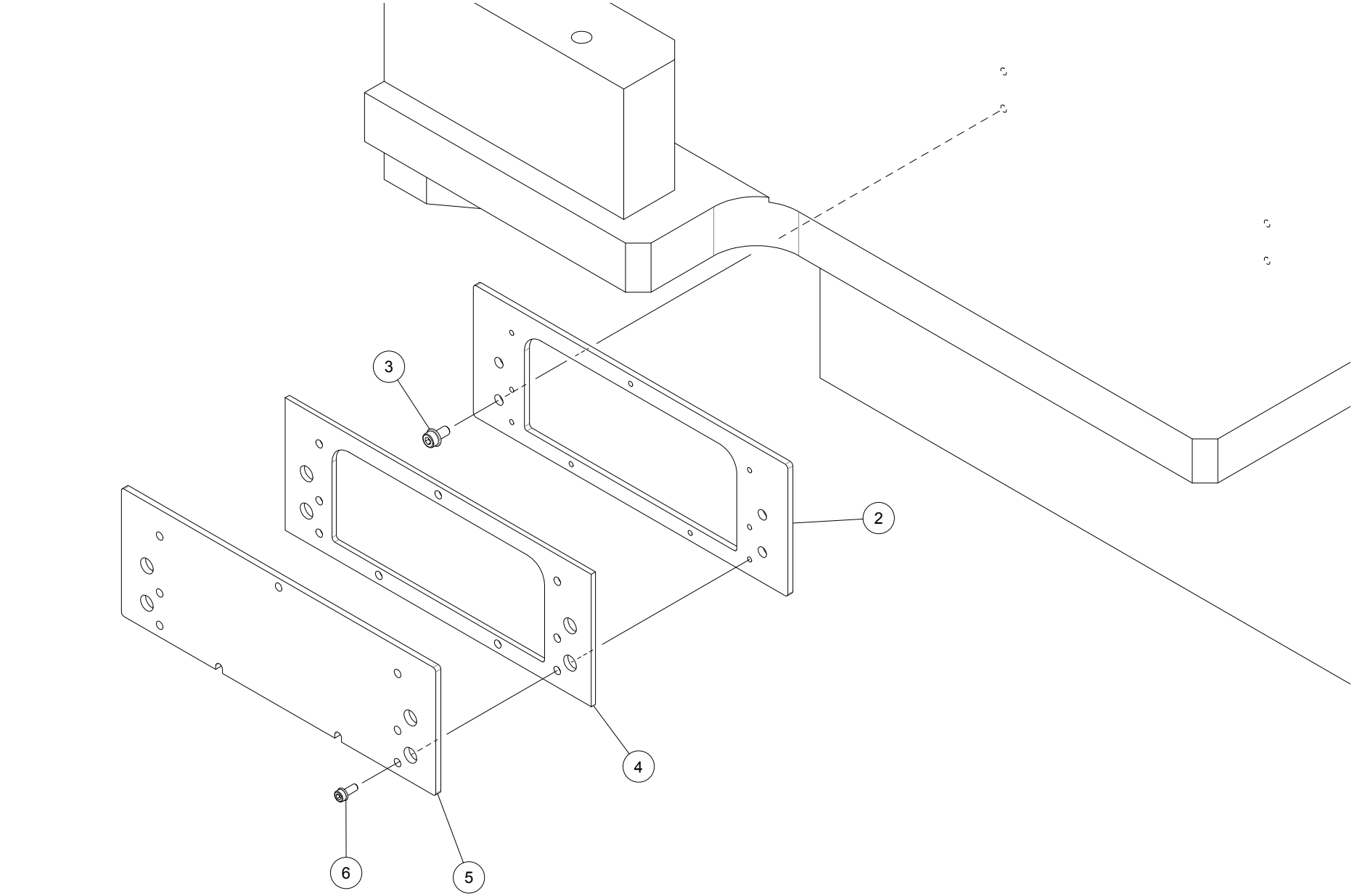
Unit No. 19 Slug Suction <Pneumatic ASSY (Dust Box)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74168422 P336050003	Spring Washer JIS	4	4
14	74902420 MA02889--B	Cable TMKS-1		1
15	74900614 P862182003	Accessory for Connector AMP	900128-3	2
16	74420480 P586533126	One Touch Fitting SMC	KQ2L10-99	1
17	74568667 P230242123	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-5M	1
18	74415705 P230222170	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-0.5M	1
19	74903064 P230222134	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-1M	1
20	74415705 P230222170	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-0.5M	2
21	74903066 P230222163	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-0.3M	1
22	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
23	74489944 P381058084	Cable Band MISUMI	KR8G5	1
24	74183302 P334500013	Button Head Screw	M6X10	1

Unit No. 19 Slug Suction <Pneumatic ASSY (Dust Box)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74307821	Cable Band	CV-150N	1
	P381058012	SHIBAKEI		
26	74902417	Cable KS2-3		1
	MA02886---		(YV113-115118)	

Unit No. 20 Slug Suction <Frame Packing ASSY>



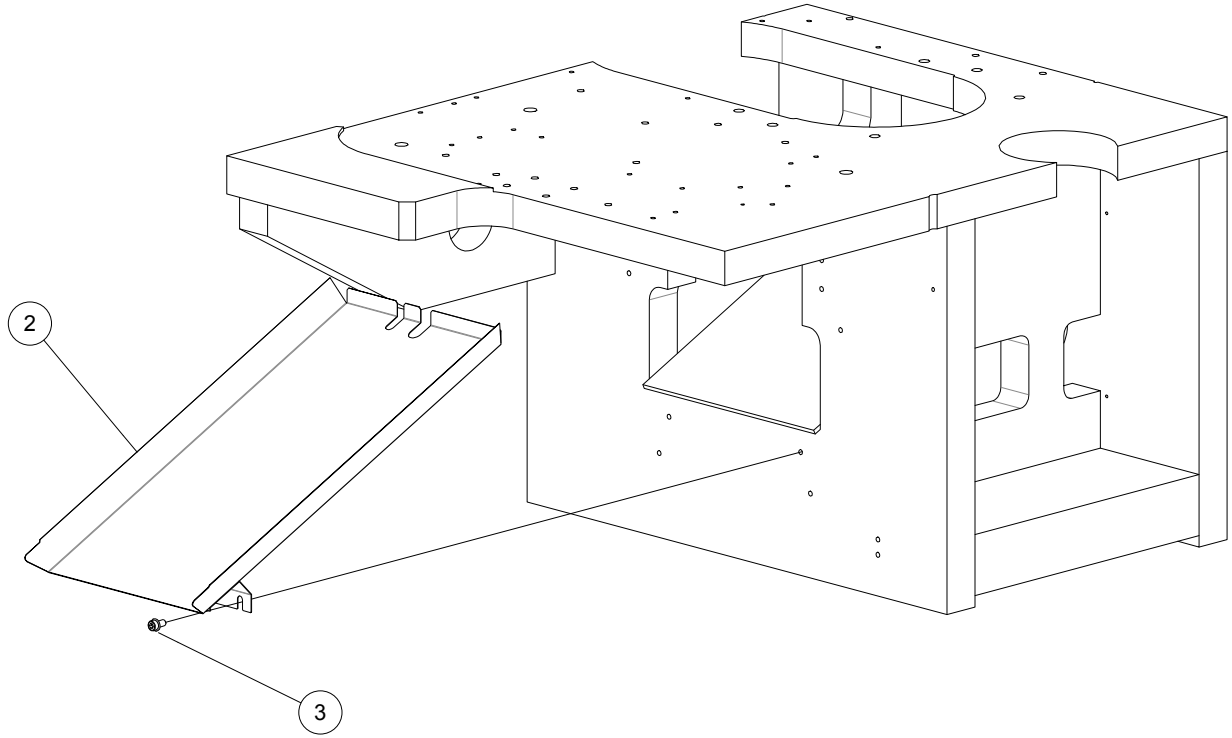
1 Frame Packing ASSY

MA01662---

Unit No. 20 Slug Suction <Frame Packing ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01662---	Frame Packing ASSY	Index 2-6	1
2	74902307 MA01668---	Seal Plate		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
4	74902308 MA01669---	Packing (Frame)		1
5	74902309 MA01670---	Seal Cap		1
6	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	9

Unit No. 21 Slug Suction <Frame Chute ASSY>



(1) Frame Chute ASSY

WA00641---

Unit No. 21 Slug Suction <Frame Chute ASSY>

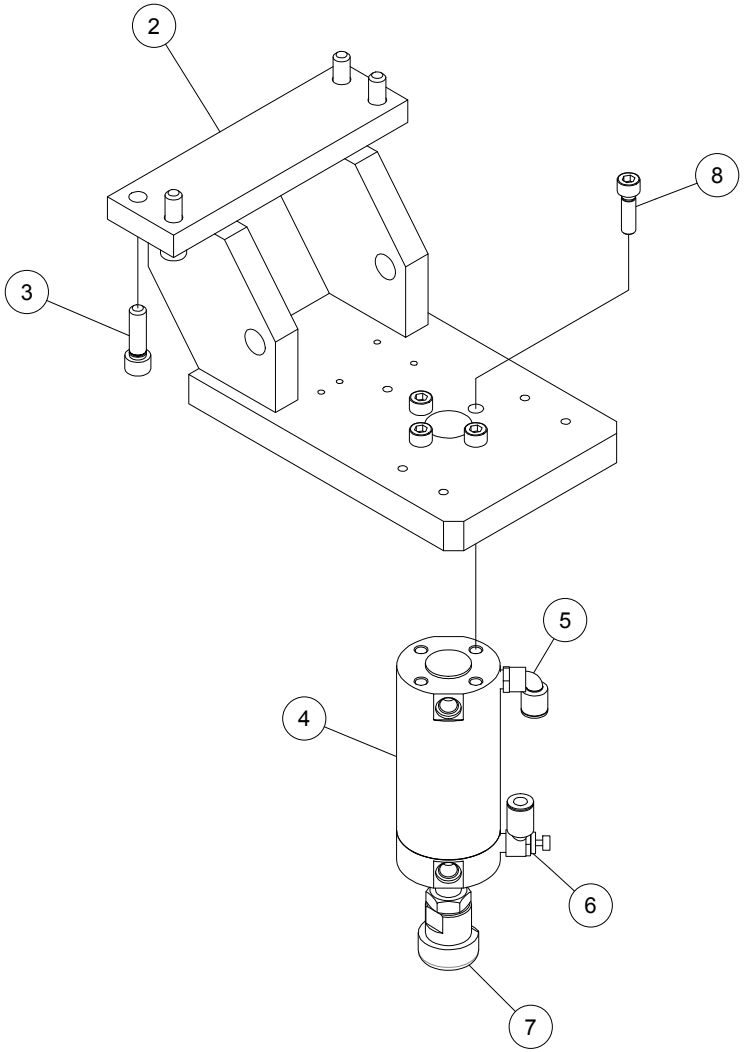
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00641---	Frame Chute ASSY	Index 23	1
2	74402038 WA00539---	Rubber Sheet		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2

< List Only >

6878942

Unit No. 22 Slug Suction <Assembly Adjusting ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Assembly Adjusting ASSY		1
	6878942		Index 23	
2	74420596	Gasket	1216B	1
	P590618001	THREE BOND		
3	74420597	Putty	16600	2
	P230918003	ITW Industry		



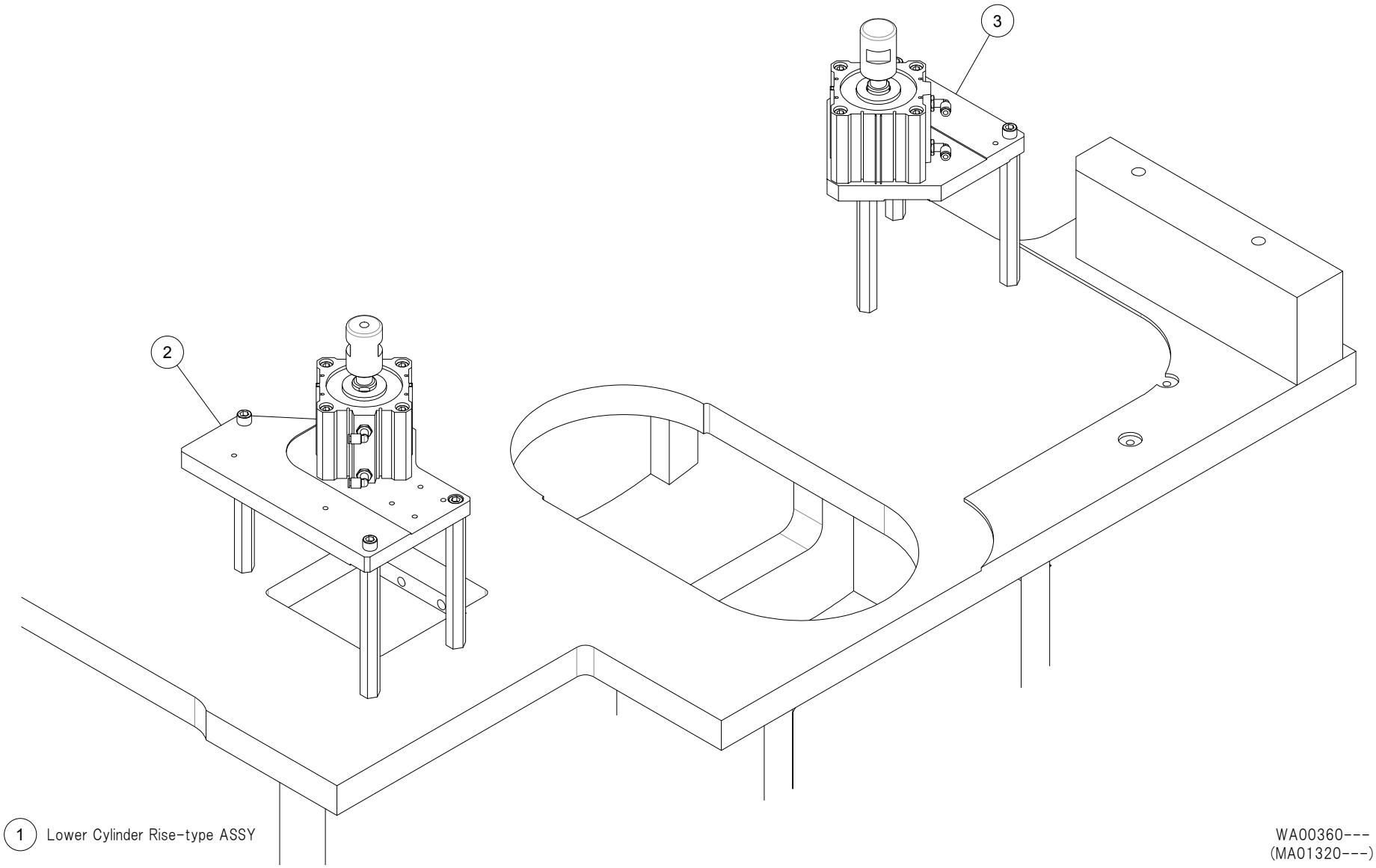
(1) Repositioning R ASSY

WA00289---

Unit No. 23 Repositioning <Repositioning R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00289---	Repositioning R ASSY	Index 2-8	1
2	74402982 MA00896--B	Cylinder Base		1
3	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
4	74902143 7835664---	Air Cylinder (Repositioning) SMC	CG1BN63-75-DCP2991P with Index 56	1
5	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
6	74900617 P555002179	Speed Controller SMC	AS2201F-02-10S	1
7	74740576 3052512	Cylinder Head		1
8	74183640 P330240009	Hex Socket Cap Screw	M10X35	4

Unit No. 24 Repositioning Support Cylinder <Lower Cylinder Rise-type ASSY>

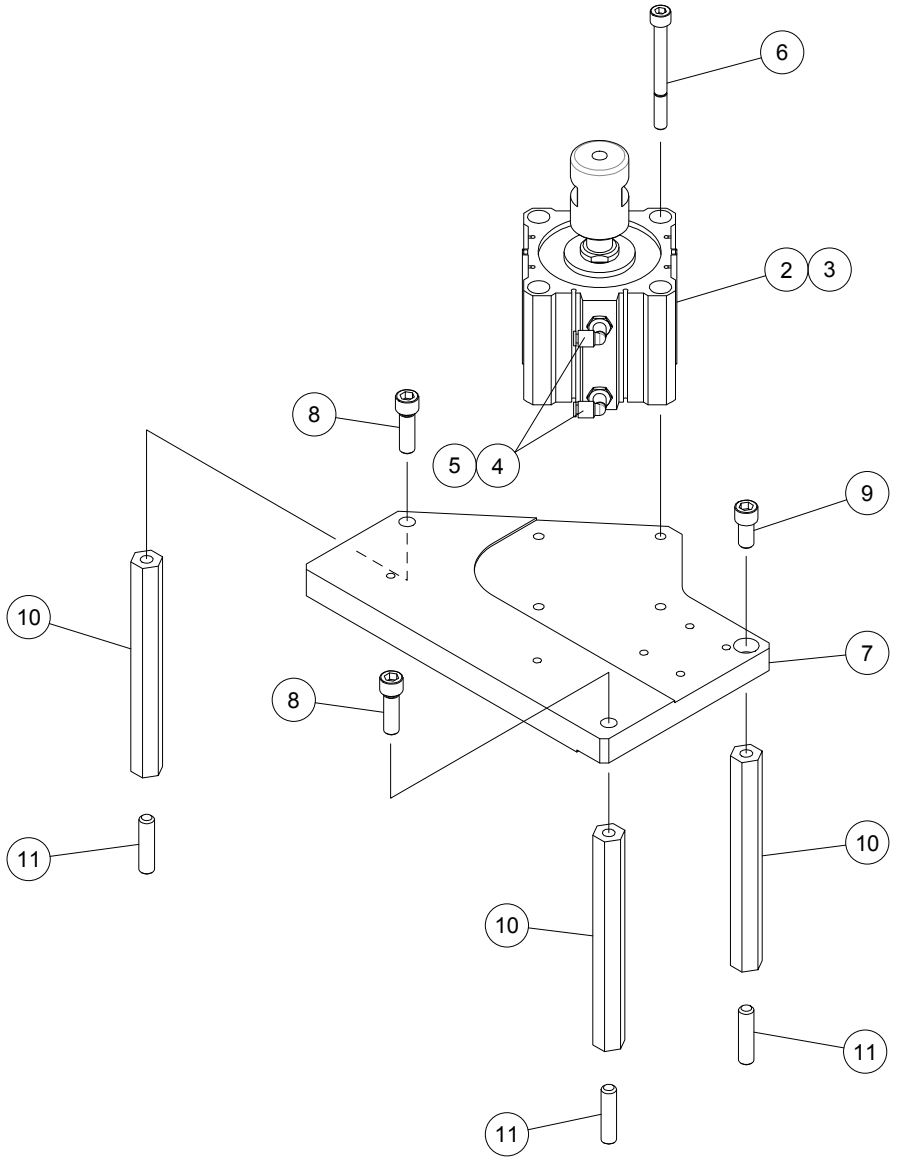


WA00360---
(MA01320---)

Unit No. 24 Repositioning Support Cylinder <Lower Cylinder Rise-type ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00360---	Lower Cylinder Rise-type ASSY	Index 23	1
2	WA00361---	Support Cylinder F ASSY		1
3	WA00362---	Support Cylinder R ASSY		1

Unit No. 25 Repositioning Support Cylinder <Support Cylinder F ASSY>



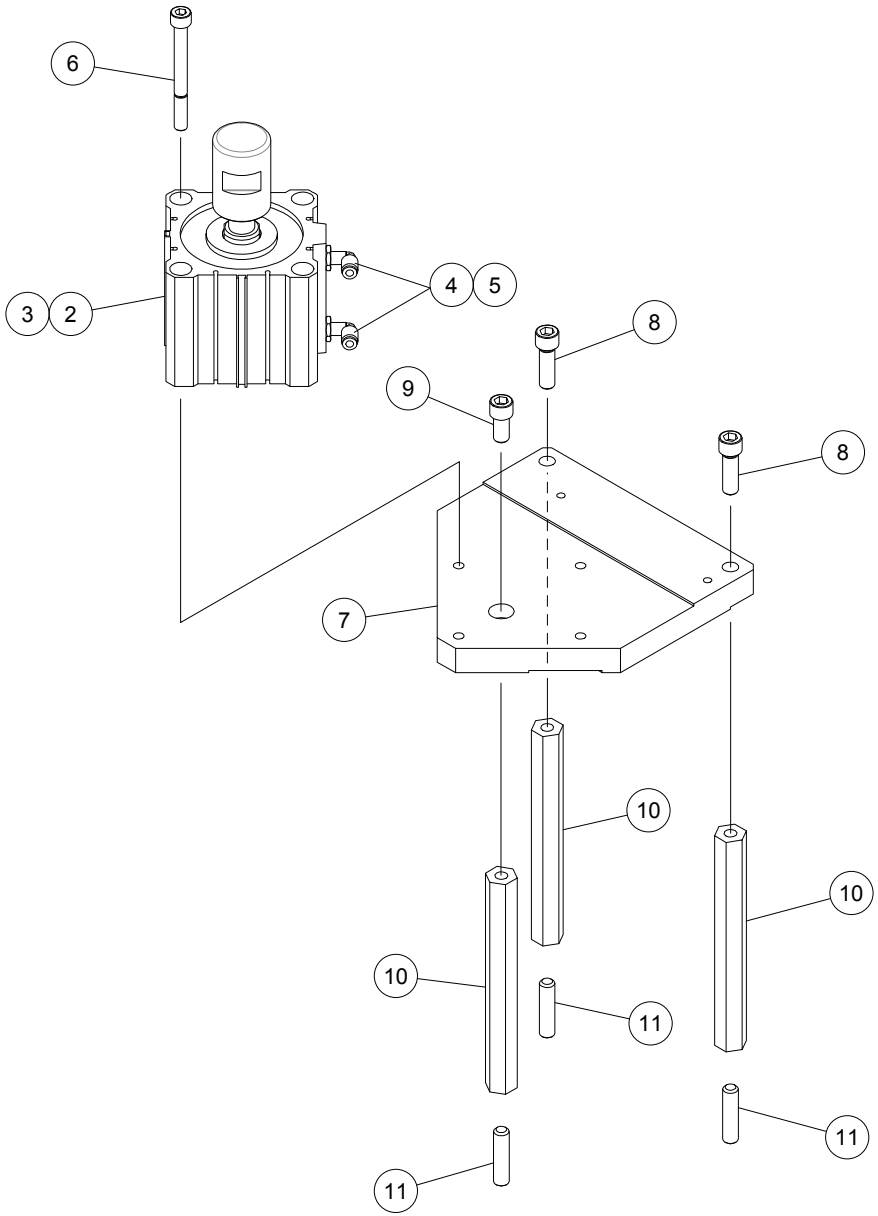
(1) Support Cylinder F ASSY

WA00361---
(MA01321---)

Unit No. 25 Repositioning Support Cylinder <Support Cylinder F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00361---	Support Cylinder F ASSY	Index 2-12	1
2	74902117 7831714---	Air Cylinder Repositioning F SMC	CDQ2BS100-30Z-DCN756CN with Index 3-5	1
3	74740581 P829008079	Cylinder Switch SMC	D-M9B	1
4	74613239 P586623033	Elbow Union SMC	KQ2L06-03S	1
5	74613228 P555002135	Speed Controller SMC	AS3201F-03-06S	1
6	74381569 P330240022	Hex Socket Cap Screw	M10X100	4
7	74902274 MA01323--A	Repositioning Base F		1
8	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
9	74183654 P330250004	Hex Socket Cap Screw	M12X25	1
10	74902275 MA01325---	Repositioning Stud		3
11	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Type)	3
12	74902335 MA02587---	Cable DU-7	(SQ67) / List Only	1

Unit No. 26 Repositioning Support Cylinder <Support Cylinder R ASSY>

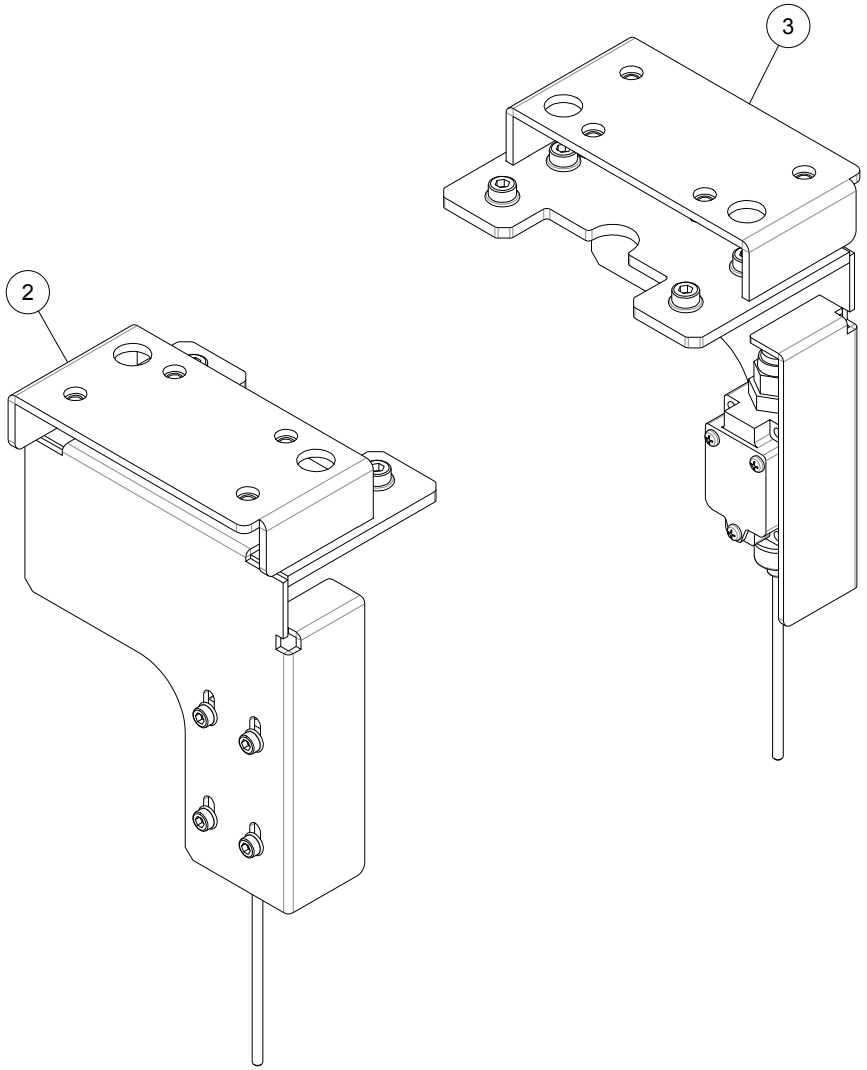


(1) Support Cylinder R ASSY

WA00362---
(MA03551---)

Unit No. 26 Repositioning Support Cylinder <Support Cylinder R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00362---	Support Cylinder R ASSY	Index 2-12	1
2	74902116 7831707---	Air Cylinder Repositioning R SMC	CDQ2BS100-30Z-DCN756CN with Index 3-5	1
3	74740581 P829008079	Cylinder Switch SMC	D-M9B	1
4	74613239 P586623033	Elbow Union SMC	KQ2L06-03S	1
5	74613228 P555002135	Speed Controller SMC	AS3201F-03-06S	1
6	74381569 P330240022	Hex Socket Cap Screw	M10X100	4
7	74902512 MA03343---	Repositioning Base R		1
8	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
9	74183654 P330250004	Hex Socket Cap Screw	M12X25	1
10	74902275 MA01325---	Repositioning Stud		3
11	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Type)	3
12	74902336 MA02588---	Cable DU-8	(SQ68) / List Only	1

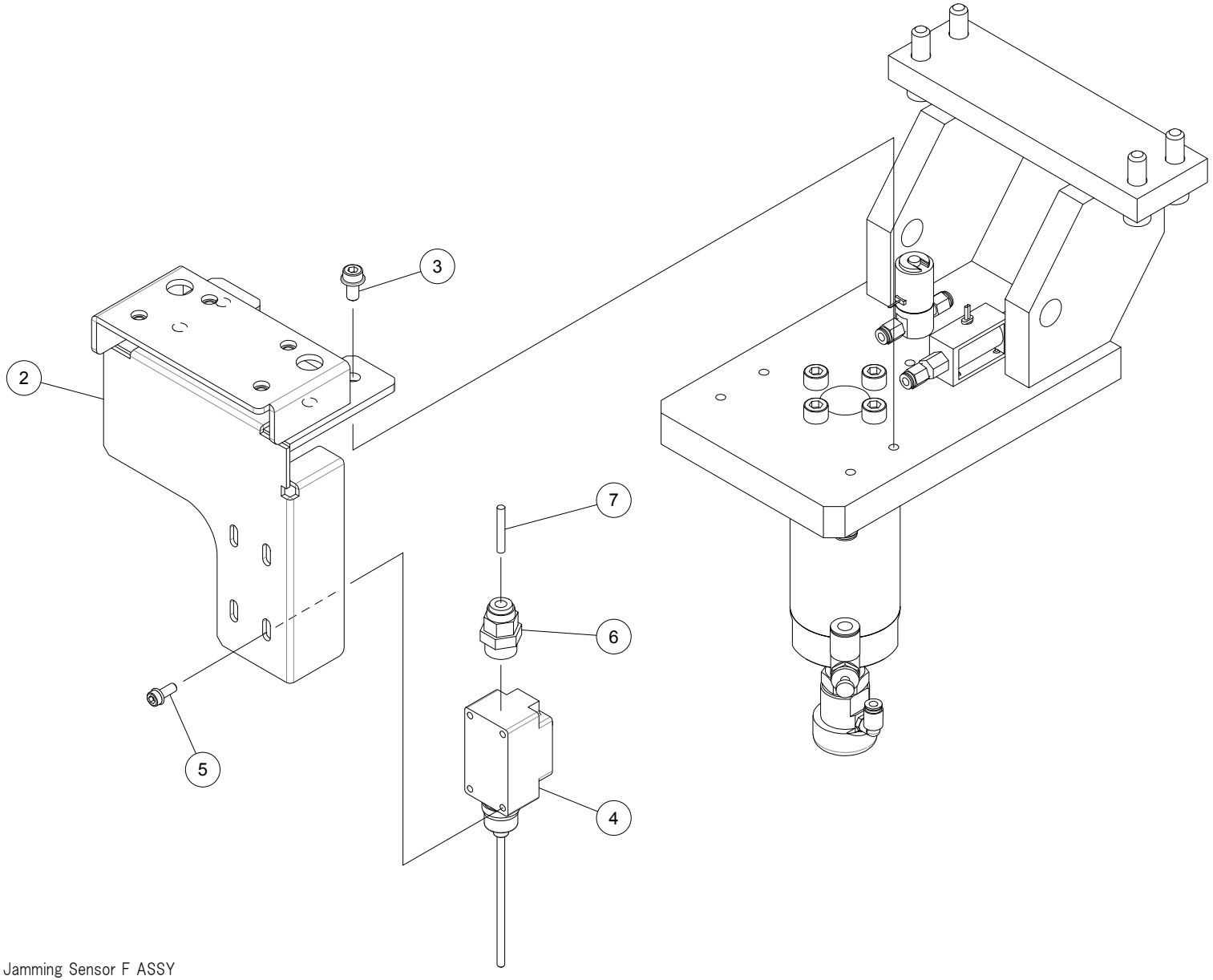


(1) Worksheet Jamming Sensor ASSY

MA01605---

Unit No. 27 Worksheet Jamming Sensor

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01605---	Worksheet Jamming Sensor ASSY	Index 23	1
2	MA01606---	Worksheet Jamming Sensor F ASSY		1
3	MA01607---	Worksheet Jamming Sensor R ASSY		1

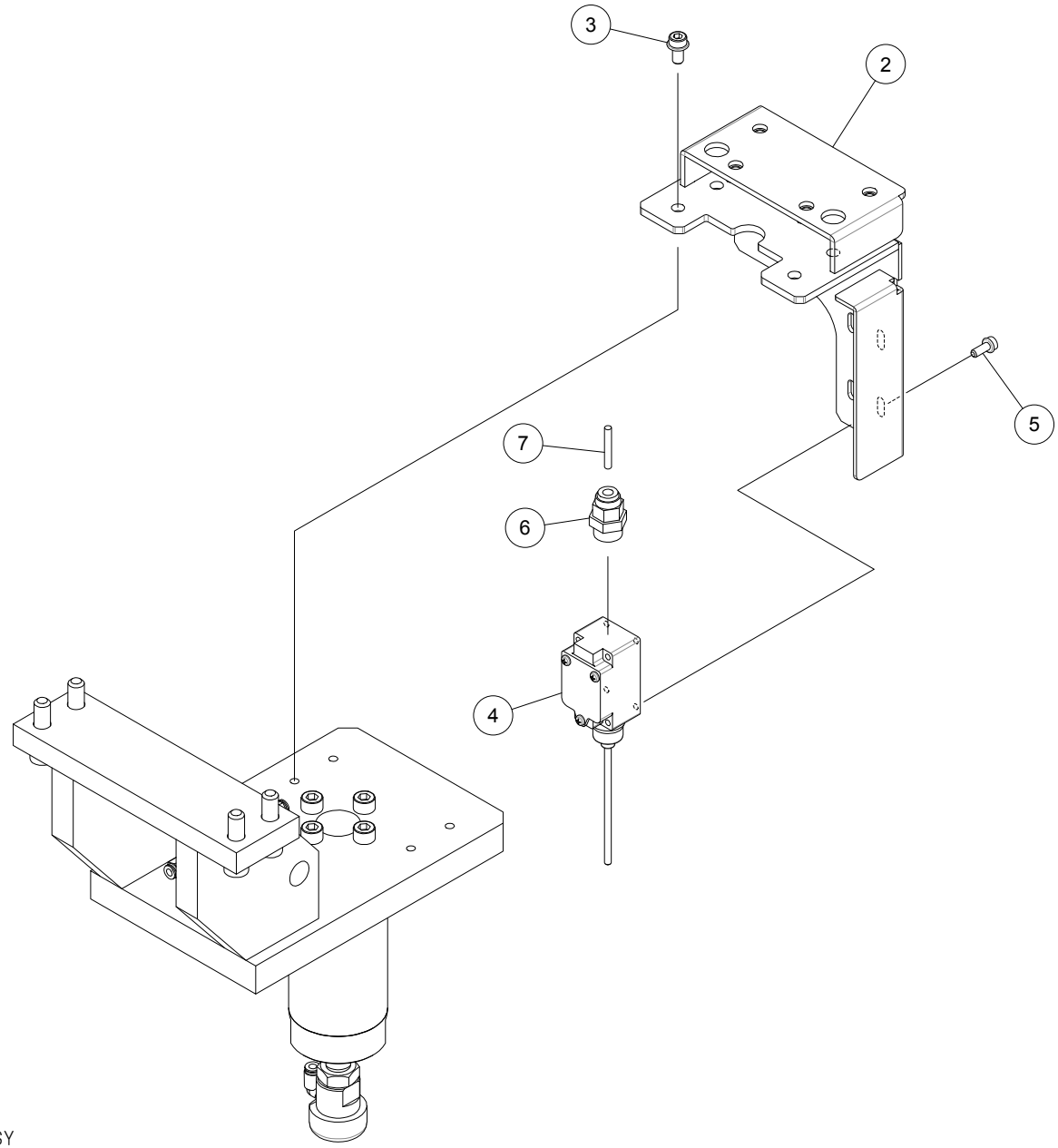


(1) Worksheet Jamming Sensor F ASSY

MA01606---

Unit No. 28 Worksheet Jamming Sensor <Worksheet Jamming Sensor F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Worksheet Jamming Sensor F ASSY		1
	MA01606---		Index 2-7	
2	74902780	F Turret Cover Bracket		1
	MA05425---			
3	74382078	Flange Socket Bolt	M8X15	4
	P330468006	NISSAN NEJI		
4	74566101	Limit Switch	8LS3-J	1
	P828003037	YAMATAKE	SQ113	
5	74776770	Flange Socket Bolt	M6X15	4
	P330460003	NISSAN NEJI		
6	74570314	Accessory for Limit Switch	PA4-N2	1
	P828103002	YAMATAKE		
7	74902305	Cable S-12B		1
	MA01613--A		(SQ113)	

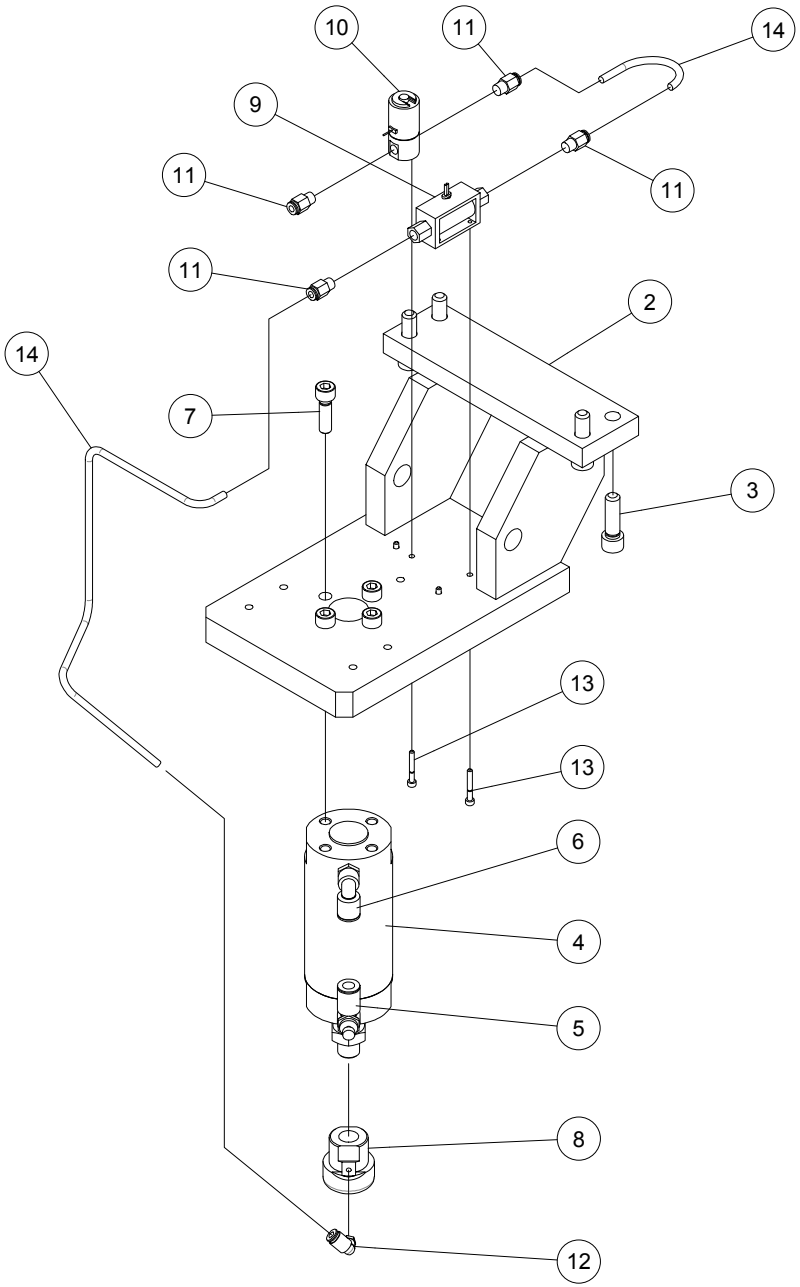


(1) Worksheet Jamming Sensor R ASSY

MA01607---

Unit No. 29 Worksheet Jamming Sensor <Worksheet Jamming Sensor R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Worksheet Jamming Sensor R ASSY		1
	MA01607---		Index 2-7	
2	74902786	R Turret Cover Bracket		1
	MA05431---			
3	74382078	Flange Socket Bolt	M8X15	4
	P330468006	NISSAN NEJI		
4	74566101	Limit Switch	8LS3-J	1
	P828003037	YAMATAKE	SQ112	
5	74776770	Flange Socket Bolt	M6X15	4
	P330460003	NISSAN NEJI		
6	74570314	Accessory for Limit Switch	PA4-N2	1
	P828103002	YAMATAKE		
7	74902304	Cable S-12A		1
	MA01612--A		(SQ112)	



(1) Repositioning F ASSY (Broken Punch)

WA00293---

Unit No. 30 Punch Break Detection <Repositioning F ASSY (Broken Punch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00293---	Repositioning F ASSY (Broken Punch)	Index 2-16	1
2	74402982 MA00896--B	Cylinder Base		1
3	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
4	74900219 7835665---	Air Cylinder SMC	SCM-00-63D-75-FL435701 with Index 56	1
5	74900617 P555002179	Speed Controller SMC	AS2201F-02-10S	1
6	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
7	74183640 P330240009	Hex Socket Cap Screw	M10X35	4
8	74900217 3833832--A	Cylinder Head		1
9	74900218 7835555---	Magnet Air Signal MAEDA KOKI	MKCM20-1T-AS	1
10	74900618 P556004149	Air Directional Control Valve CKD	USB3-6-1-DC24V	1
11	74731419 P586538072	One Touch Fitting CKD	GWS6-6	4
12	74415062 P586568187	One Touch Fitting CKD	GWL6-M5	1

Unit No. 30 Punch Break Detection <Repositioning F ASSY (Broken Punch)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183603 P330200023	Hex Socket Cap Screw	M4X30	4
14	74900790 P230222226	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.5M	1
15	74900221 MA01532--A	Cable S-41	List Only	1
16	74900222 MA01533--A	Cable S-40	List Only	1

< List Only >

CE00300---

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00300---	Pneumatic Piping	Index 2-101	1
2	74400522 7831735---	Air Control Unit SMC	Index 3-39	1
3	74300603 P330200025	Hex Socket Cap Screw	M4X40	2
4	74183621 P330230006	Hex Socket Cap Screw	M8X20	8
5	74613857 P553202002	3 Port Valve SMC	VHS40-04	1
6	74613859 P556112053	Accessory for Pneumatic SMC	Y400T (Spacer with Bracket)	2
7	74613859 P556112053	Accessory for Pneumatic SMC	Y400T (Spacer with Bracket)	4
8	74613860 P556112060	Accessory for Pneumatic SMC	Y410-03 (Spacer Type-T)	1
9	74613861 P556112095	Accessory for Pneumatic SMC	Y44-02 (Spacer)	1
10	74613862 P557002089	Air Filter SMC	AF40-04C	1
11	74613863 P557002133	Mist Separator SMC	AFM40-04C	1
12	74901411 P557032032	Silencer SMC	AN30-03	1

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903291 P557032035	Silencer SMC	AN15-02	1
14	74613865 P557309001	Piping Adapter SMC	E400-04	1
15	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
16	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	2
17	74810493 P586563187	One Touch Fitting SMC	KQ2VD10-03S	1
18	74613867 P586563206	One Touch Fitting SMC	KQ2L10-04S	1
19	74777055 P586643004	Pneumatic Plug SMC	KQ2P-10	1
20	74777059 P586653015	One Touch Fitting SMC	KQ2R08-10	1
21	74613870 P589028046	Quick Connect Joint SMC	KK130S-02MS (Socket)	1
22	74613872 P589028051	Quick Connect Joint SMC	KK130S-13B (Socket)	1
23	74613873 P589028052	Quick Connect Joint SMC	KK130P-04MS (Plug)	1
24	74613772 SPT0026---	Name Plate SMC	AF20P-120	1

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74613780	Hex Socket Plug	TB00024	2
	SPT0035---	SMC		
26	74613783	Tee	VA00106	1
	SPT0038---	SMC		
27	74613785	Bushing	VP500-42-1	1
	SPT0040---	SMC		
28	74613786	Nipple	VP500-42-2	1
	SPT0041---	SMC		
29	74613787	PT Elbow	VP500-42-4	1
	SPT0042---	SMC		
30	74400523	Air Control Unit	AC40X-04CS-X2881	1
	SPT0468---	SMC		
31	74400524	Regulator	AR40K-04G-X2152	1
	SPT0469---	SMC		
32	74400525	Street Elbow	VA00036 (R1/2XRC1/2)	1
	SPT0470---	SMC		
33	74402039	Polyurethane Tube	TU1065BU	1
	SPT0471---	SMC		
34	74400526	3 Port Solenoid Valve ASSY	VP542K-5DZ1-02A-X531	1
	SPT0472---	SMC		
35	74400527	3 Port Solenoid Valve	VP542K-5DZ1-02A-X508	1
	SPT0473---	SMC		
36	74400528	Small Pressure Switch	1S10-01S-X271	1
	SPT0474---	SMC		

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74400529 SPT0475---	Box	ACT-BOX 312053	1
38	74400530 SPT0476---	Spring Washer	M4	2
39	74400531 SPT0477---	Spring Washer	M8	8
40	74569858 6812934	Stud	H22	3
41	74902313 MA02064--A	Cable S-7	SP1	1
42	74902314 MA02069--A	Cable S-19	YV30	1
43	74810498 P230242067	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-1M	2
44	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10 Du Junction	1
45	74569859 P230242099	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-1.5M	1
46	74777052 P586624003	One Touch Fitting NITTA MOORE	EYB10-10	1
47	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M	2
48	74903084 P230242238	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.7M	1

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74777052 / P586624003	One Touch Fitting / NITTA MOORE	EYB10-10 / Central SOL Junction	1
50	74903084 / P230242238	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Black)-0.7M / Central SOL	1
51	74570295 / P230242117	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Black)-0.2M /	1
52	74569974 / P230242116	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Black)-3.5M / Work Holder F	2
53	74382882 / P230242073	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Black)-4M / Work Holder R	2
54	74415719 / P230222129	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-3.5M / Striker	4
55	74567455 / P230222087	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-0.2M / AI	2
56	74338327 / P586604012	One Touch Fitting / NITTA MOORE	EUT6 / AI Junction	2
57	74415719 / P230222129	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-3.5M / AI Upper	2
58	74810497 / P230222139	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-2M / AI Lower	2
59	74810498 / P230242067	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Black)-1M / Index Pin	2
60	74379378 / P586604013	One Touch Fitting / NITTA MOORE	EUT10 / Index Pin Junction	2

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74569859 P230242099	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-1.5M Index Pin Upper	2
62	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M Index Pin Lower	2
63	74565259 P230222089	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-2.5M Support Cylinder F	2
64	74901382 P230222068	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-3M Support Cylinder R	2
65	74419161 P586628088	One Touch Fitting CKD	GWP610-Y Balancer / Punch Break Junction	1
66	74903063 P230222121	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.8M Tool Balancer	1
67	74565259 P230222089	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-2.5M Punch Break Detection	1
68	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10 Main Junction	1
69	74568667 P230242123	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-5M	1
70	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	1
71	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M	1
72	74570295 P230242117	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.2M	1

Unit No. 31 Pneumatic

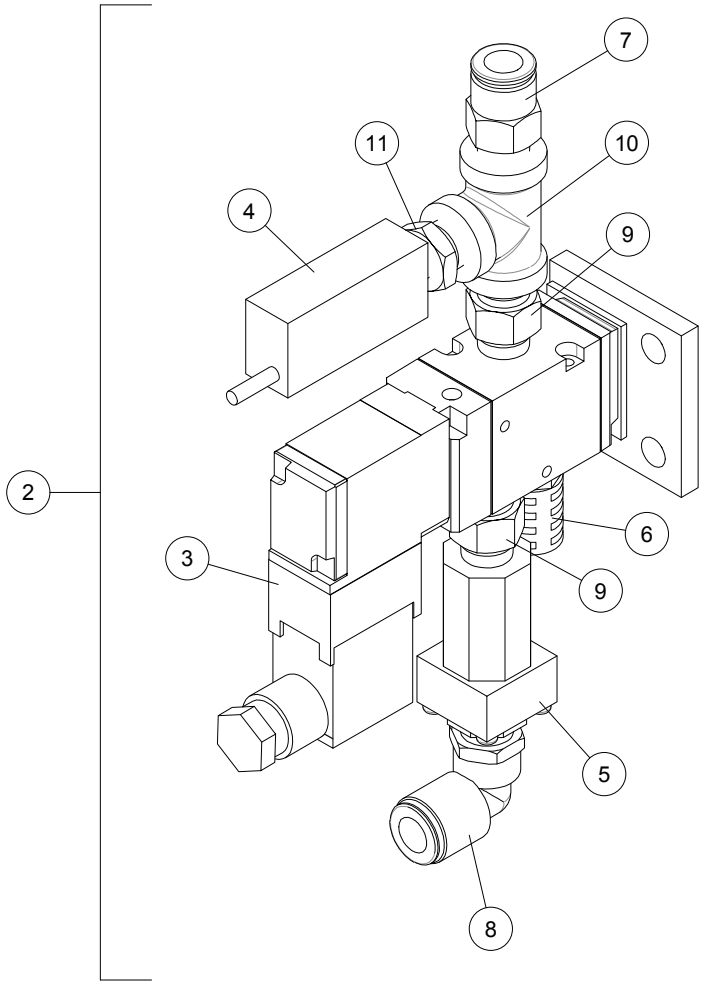
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	1
74	74810498 P230242067	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-1M	1
75	74777052 P586624003	One Touch Fitting NITTA MOORE	EYB10-10 Loading Workclamp SOL Junction	1
76	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M Loading Workclamp SOL	1
77	 MA02046---	Workclamp SOL Kit		1
78	74569882 P230242125	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-6M Loading Workclamp	1
79	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M F/B Up SOL	1
80	 CE01146---	Floating Free Bearing SOL ASSY		1
81	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10 Workchute / X-gauge Block Junctio	1
82	74569974 P230242116	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-3.5M Pneumatic X-gauge Block	1
83	74415518 7832986	Brake SOL SMC	VP342-5DZ-02A-F-X258 Index 84-88	1
84	74903271 P553032029	Air Check Valve SMC	AKB02B-02S	1

Unit No. 31 Pneumatic

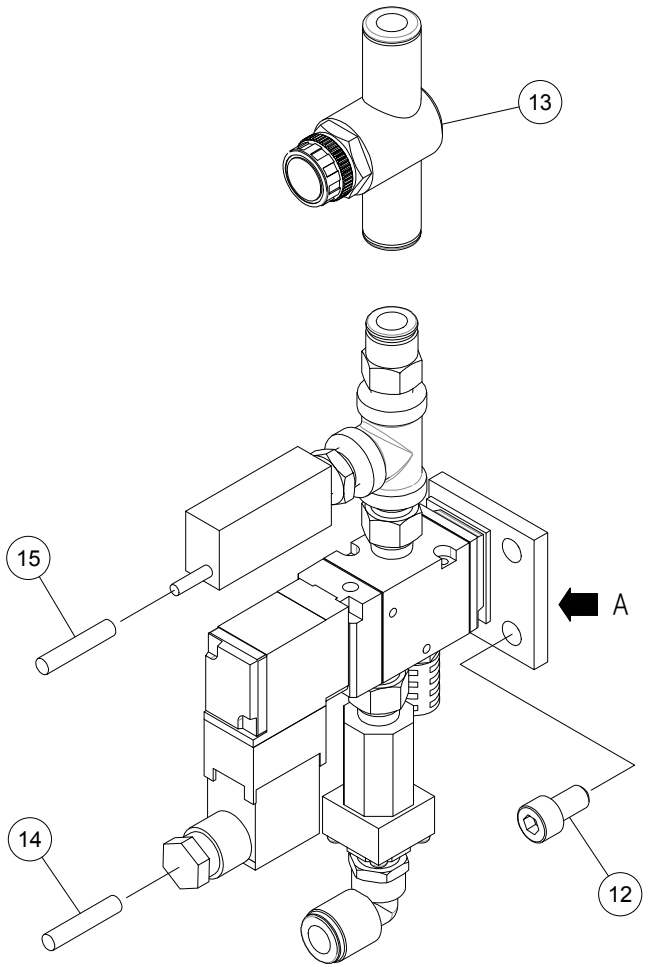
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74717447	Silencer	AN203-02	1
	P557032008	SMC		
86	74777031	One Touch Fitting	KQ2H06-02S	1
	P586533069	SMC		
87	74451489	One Touch Fitting	KQ2L10-02S	1
	P586563129	SMC		
88	74400521	3-Directional Control Valve	VP342-5DZ-02A-X258	1
	SPT0296---	SMC		
89	74183621	Hex Socket Cap Screw	M8X20	2
	P330230006			
90	74777052	One Touch Fitting	EYB10-10	1
	P586624003	NITTA MOORE	Drive Brake Junction	
91	74810496	Plastic Hose	U2-4-10X6.5(Black)-3M	1
	P230242121	NITTA MOORE	Drive Brake SOL	
92	74569859	Plastic Hose	U2-4-10X6.5(Black)-1.5M	1
	P230242099	NITTA MOORE	DP	
93	74776903	Saddle for Conduit	CH-28(D6.2)	5
	P381017101	DAIWA DENGYO		
94	74776904	Saddle for Conduit	CH-22(D6.2)	2
	P381017102	DAIWA DENGYO		
95	74903244	Saddle for Conduit	CH-10(D6.2)	4
	P381017104	DAIWA DENGYO		
96	74776743	Hex Socket Cap Screw	M6X10	11
	P330220003			

Unit No. 31 Pneumatic

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74613845	Plastic Hose	AS2170-04(White)-5M	1
	P230213050	JUNKOSHA	Air Blow	
98	74613850	Plastic Hose	U2-4-8X5(Black)-5M	1
	P230232037	NITTA MOORE	Air Blow	
99	74613849	Plastic Hose	U2-4-8X5(Black)-3.6M	1
	P230232035	NITTA MOORE	Air Blow (Striker)	
100	74338327	One Touch Fitting	EUT6	1
	P586604012	NITTA MOORE		
101	74568658	Plastic Hose	U2-4-10X6.5(Black)-2M	1
	P230242112	NITTA MOORE		



DETAIL A



(1) Workclamp SOL Kit

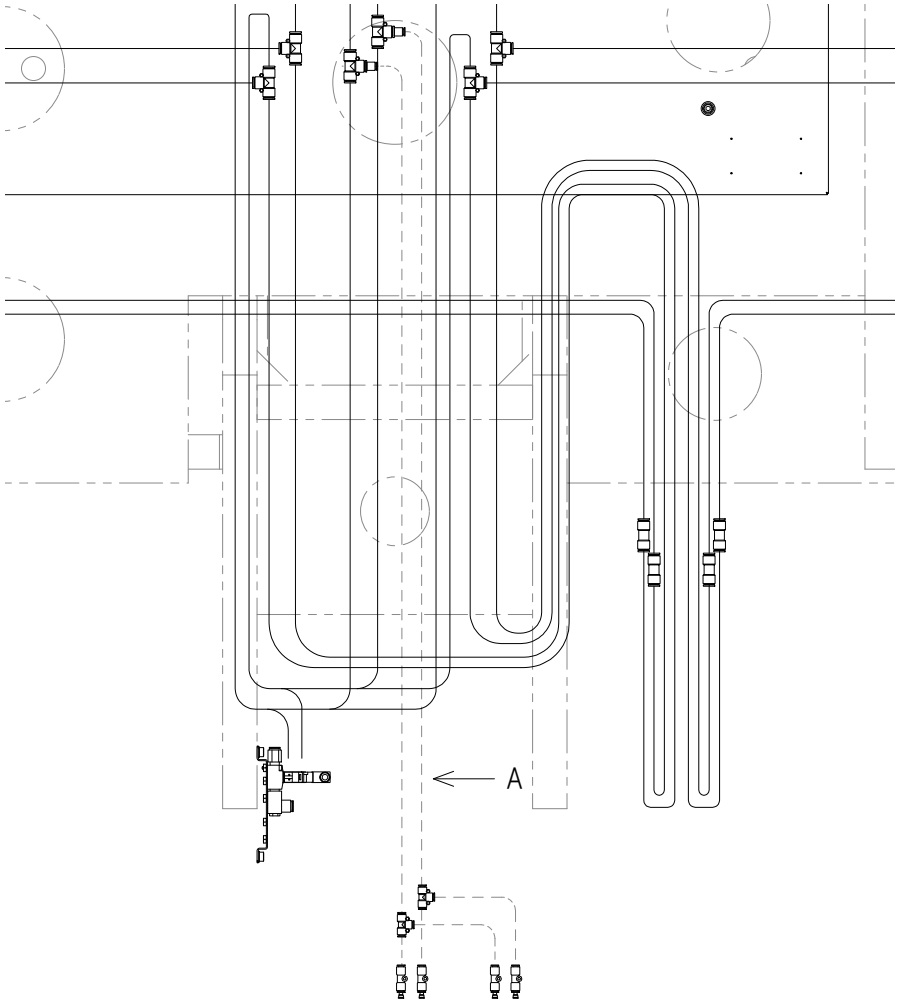
MA02046---

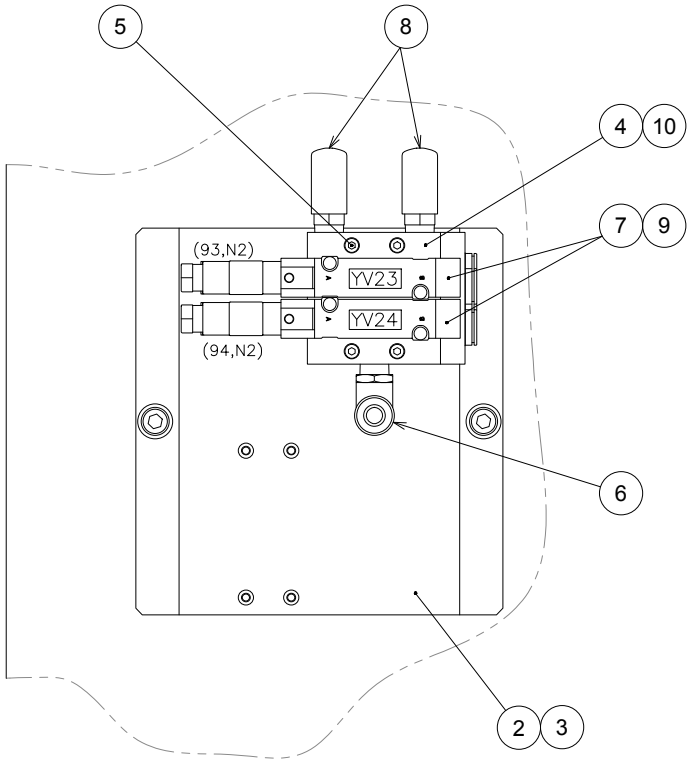
Unit No. 32 Pneumatic <Workclamp SOL Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02046---	Workclamp SOL Kit	Index 2-15	1
2	74902124 7832616	Clamp Solenoid ASSY SMC	VP342-5DZ-02A-F-X97 Index 3-11	1
3	74569213 P556002356	Solenoid Valve SMC	VP342-5DZ-02A	1
4	74338212 P549003001	Pressure Switch SMC	IS1000-01	1
5	74722862 P553032001	Check Valve SMC	AK2000-02	1
6	74717447 P557032008	Silencer SMC	AN203-02	1
7	74387462 P586533030	Half Union SMC	KQH10-02S	1
8	74903324 P586563056	Elbow Union SMC	KQL10-02S	1
9	74902940 SPT0163---	Nipple SMC	R(PT)1/4	2
10	74902941 SPT0164---	Tee SMC	R(PT)1/4	1
11	74902942 SPT0165---	Bushing SMC	1/4X1/8	1
12	74183620 P330230004	Hex Socket Cap Screw	M8X15	2

Unit No. 32 Pneumatic <Workclamp SOL Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776959 / P555002084	Speed Controller / SMC	AS4001F-10	1
14	74902395 / MA02697---	Cable Y-4	(SP2)	1
15	74902396 / MA02698---	Cable Y-24	(Y-24)	1





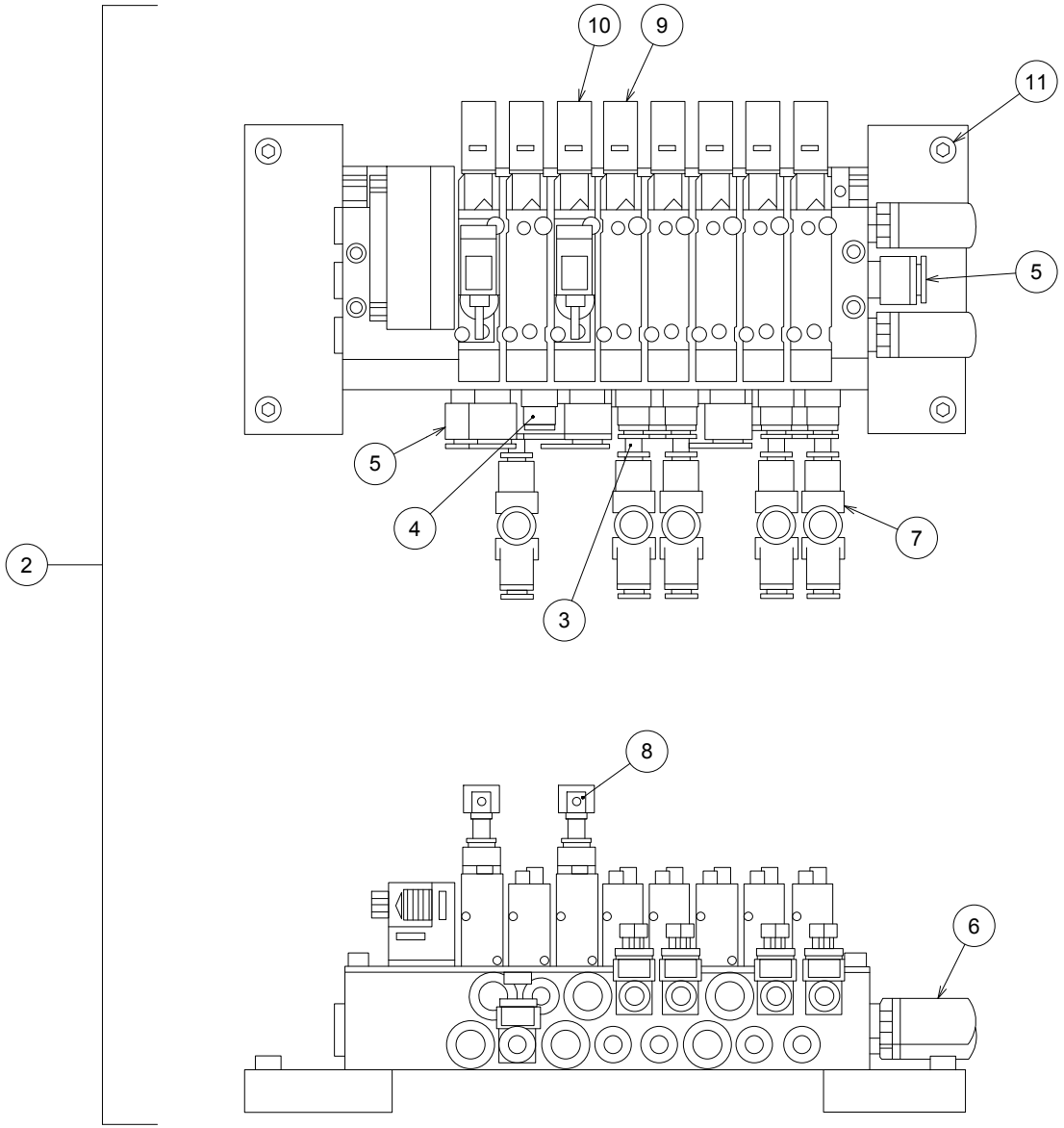
VIEW A

(1) Floating Free Bearing SOL ASSY

CE01146---
(CE02077---)

Unit No. 33 Pneumatic <Floating Free Bearing SOL ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Floating Free Bearing SOL ASSY		1
	CE01146---		Index 2-10	
2	74903035	Manifold Bracket		1
	WA00271--A			
3	74382078	Flange Socket Bolt	M8X15	4
	P330468006	NISSAN NEJI		
4	74901410	Pneumatic Manifold	SS5Y7-42-02-C10-Q	1
	P556102179	SMC		
5	74776730	Hex Socket Cap Screw	M4X50	4
	P330200027			
6	74451489	One Touch Fitting	KQ2L10-02S	1
	P586563129	SMC		
7	74901408	Air Directional Control Valve	SY7140-5DZ-Q	3
	P556002701	SMC		
8	74903289	Silencer	AN20-02	2
	P557032033	SMC		
9	74402040	Cable TMB		1
	CE01708---			
10	74777004	Plug for Piping	PT-1/4	3
	P580208021			

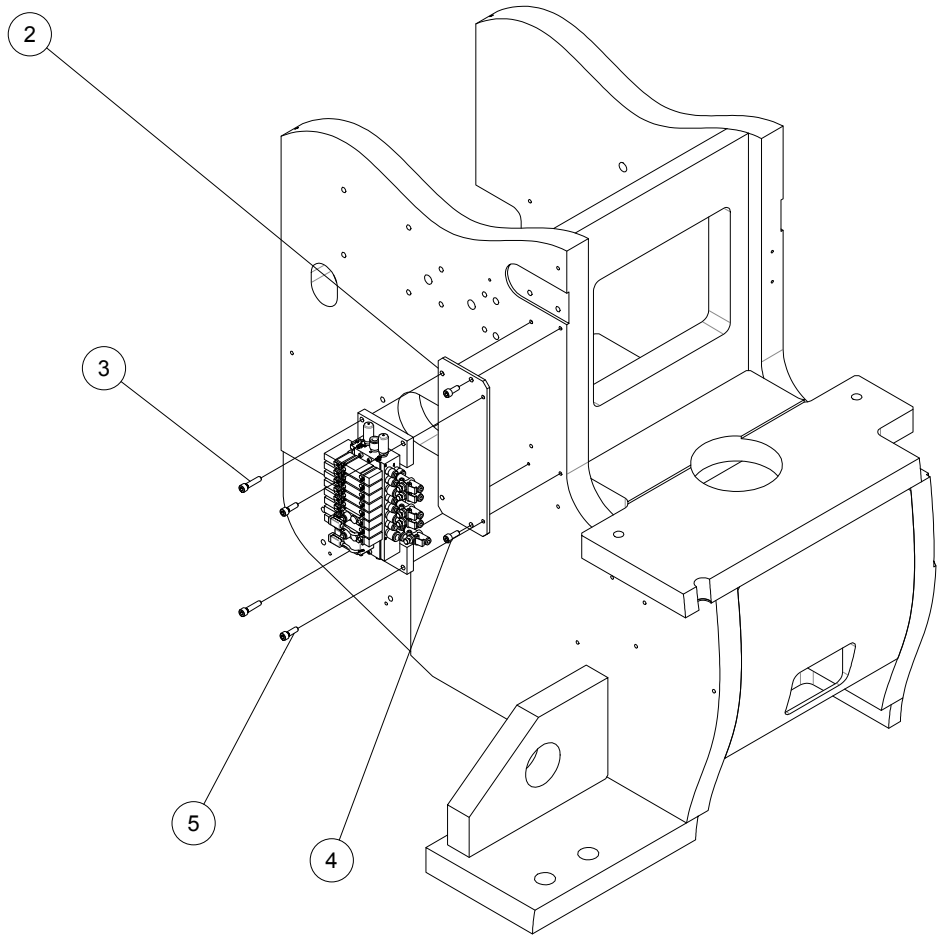


(1) Centralized SOL ASSY

WA00288---

Unit No. 34 Pneumatic <Centralized SOL ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Centralized SOL ASSY		1
	WA00288---		Index 2-11	
2	74902144	8-station Solenoid Valve	SS5Y5-50F2-X155	1
	7835666---	SMC	Index 3-10	
3	74777036	Nipple	KQ2N06-99	5
	P586533127	SMC		
4	74903320	Hex Soc Half Union	KQ2S06-02S	10
	P586533085	SMC		
5	74453537	Hex Soc Half Union	KQ2S10-02S	7
	P586533066	SMC		
6	74903289	Silencer	AN20-02	2
	P557032033	SMC		
7	74902945	Speed Controller	AS2052F-06-J	5
	SPT0169---	SMC		
8	74903428	Small Pressure Sensor	PSE540-R06	2
	P829218028	SMC		
9	74902944	Solenoid Valve	SY5100HT-5NZF1	6
	SPT0168---	SMC		
10	74902943	Solenoid Valve	SY5130HT-5NZF1-C6-X9	2
	SPT0167---	SMC		
11	74183624	Hex Socket Cap Screw	M8X30	4
	P330230008			

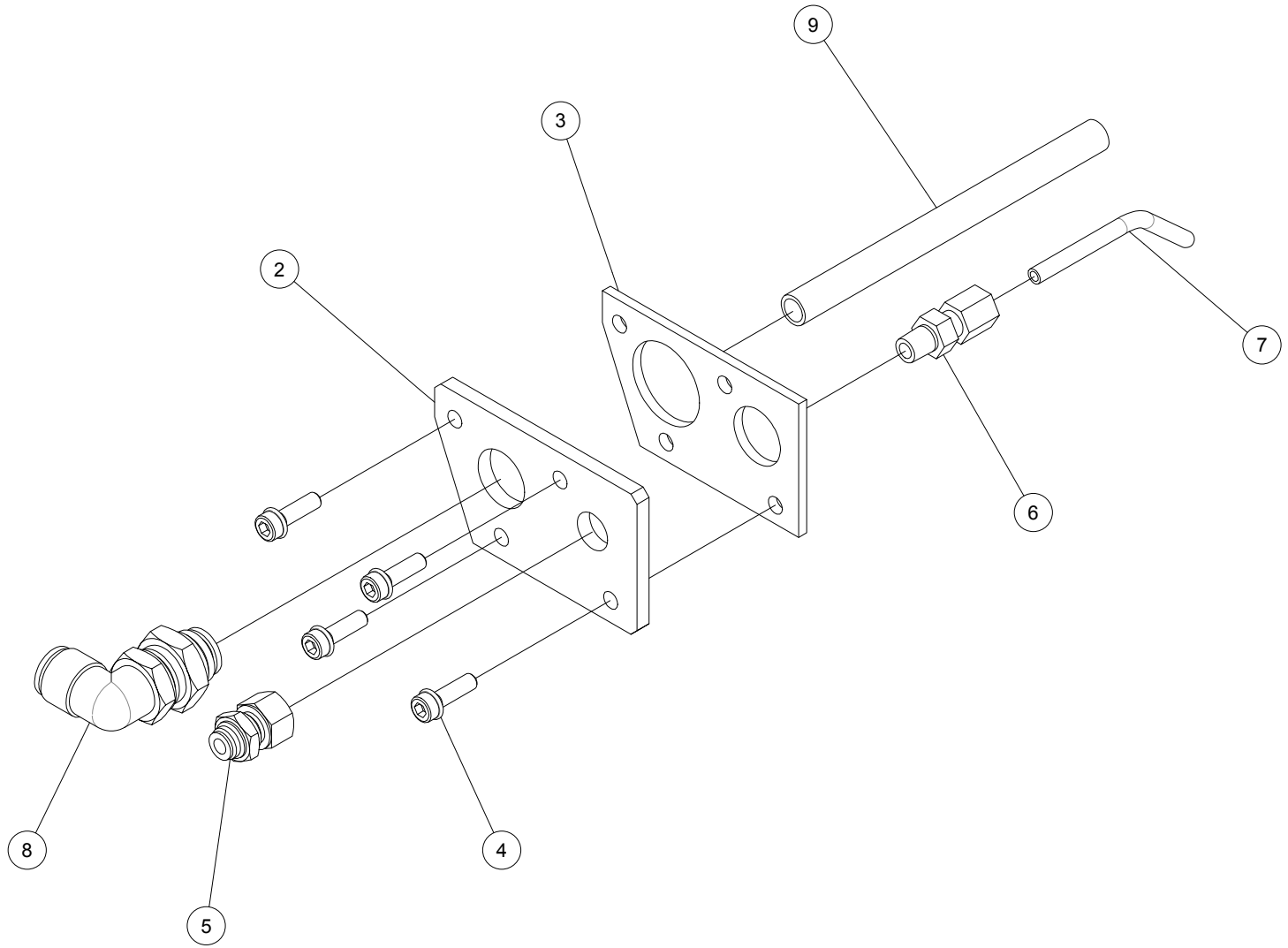


(1) 8-station SOL Installation

CE00304---

Unit No. 35 Pneumatic <8-station SOL Installation>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE00304---	8-station SOL Installation	 Index 2-5	1
2	74402041 CE00302---	Centralized Solenoid Bracket		1
3	74183625 P330230009	Hex Socket Cap Screw	M8X35	2
4	74183621 P330230006	Hex Socket Cap Screw	M8X20	2
5	74183623 P330230007	Hex Socket Cap Screw	M8X25	2

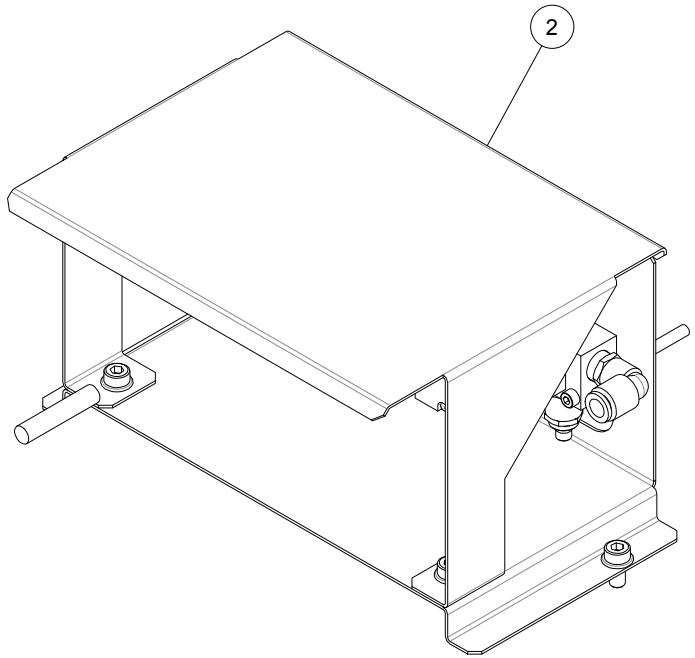


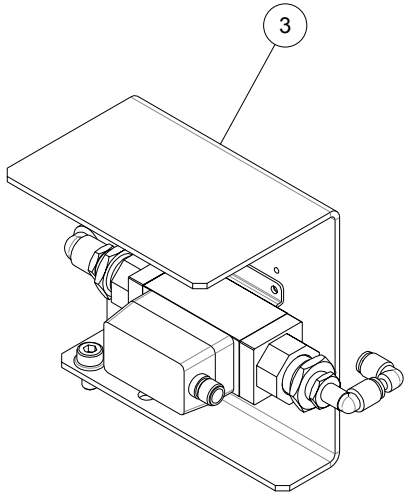
(1) Scrap Blow ASSY

MA01364---

Unit No. 36 Pneumatic <Scrap Blow ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Scrap Blow ASSY		1
	MA01364---		Index 2-9	
2	74402042	Scrap Blow Bracket		1
	MA01365---			
3	74402043	Scrap Blow Packing		1
	MA01366---			
4	74776773	Flange Socket Bolt	M6X20	4
	P330468007	NISSAN NEJI		
5	74900668	One Touch Fitting	KQ2E06-01	1
	P586533105	SMC		
6	74578477	Bite Type Pipe Fitting	KCT06-010E	1
	P585032067	IHARA Science		
7	74402044	Scrap Blow Nozzle 3610		1
	MA01367---			
8	74903329	One Touch Fitting	KQ2LE12-00	1
	P586563182	SMC		
9	74903092	Plastic Hose	N2-4-12X9(Black)-0.15M	1
	P230252093	NITTA MOORE		



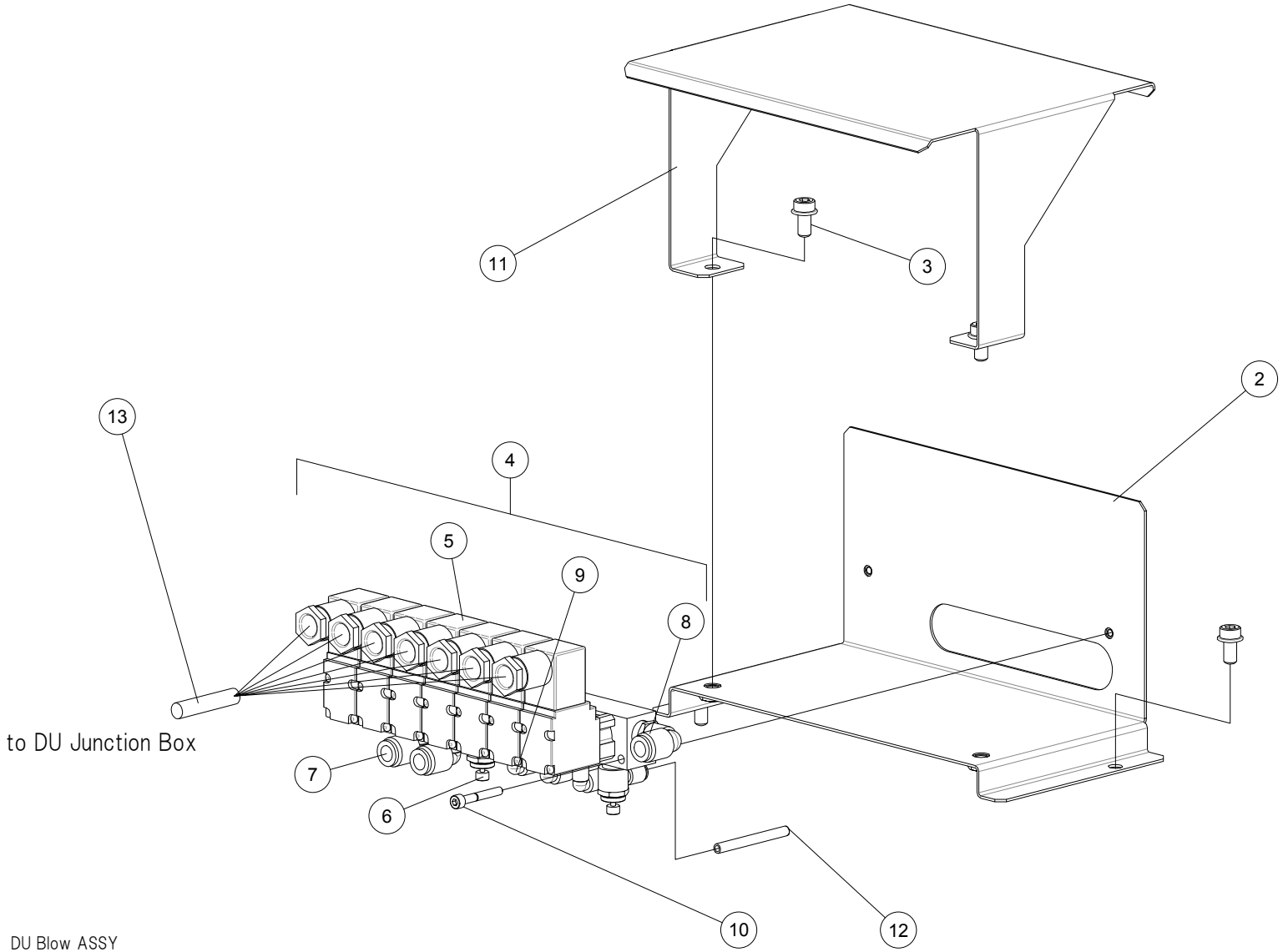


(1) DU Pneumatic ASSY

WA00280---

Unit No. 37 Pneumatic <DU Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00280---	DU Pneumatic ASSY	Index 2-5	1
2	WA00281--A	DU Blow ASSY		1
3	WA00364---	Flow Switch ASSY		1
4	WA00282--A	DU SOL ASSY	List Only	1
5	WA00363---	DU Lubrication ASSY	List Only	1



(1) DU Blow ASSY

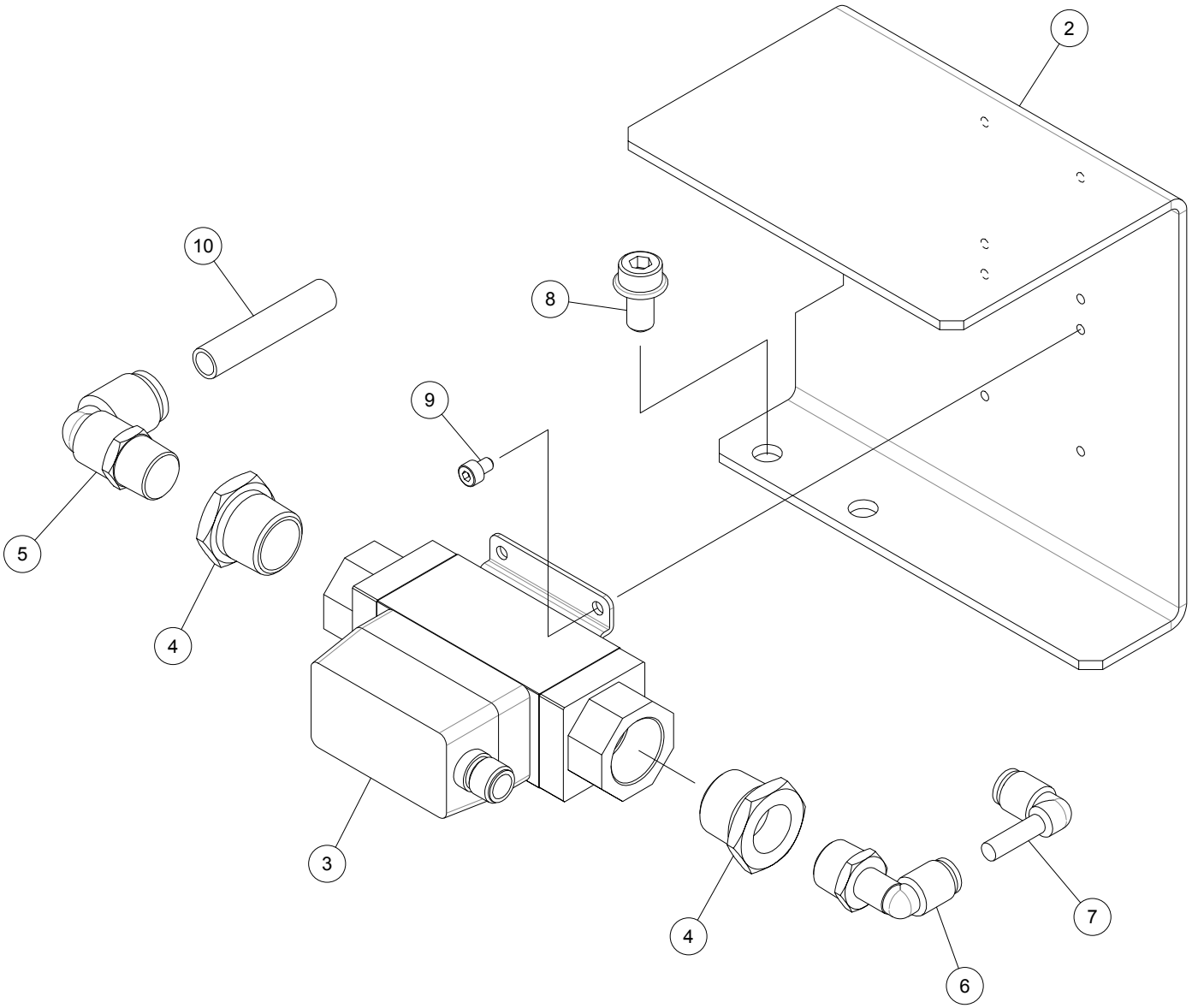
WA00281--A
(WA00281---)

Unit No. 38 Pneumatic <DU Blow ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		DU Blow ASSY		1
	WA00281--A		Index 2-13	
2	74903037	Blow Valve Bracket		1
	WA00279--A			
3	74382078	Flange Socket Bolt	M8X15	4
	P330468006	NISSAN NEJI		
4	74902145	Pneumatic Manifold	VV2CA2-0702	1
	7835667---	SMC	Index 5-9	
5	74902947	Solenoid Valve	VCA23-50DLB-3-X23-Q	1
	SPT0171---			
6	74903275	Speed Controller	AS2201F-02-06S	1
	P555002059	SMC		
7	74451489	One Touch Fitting	KQ2L10-02S	1
	P586563129	SMC		
8	74777038	One Touch Fitting	KQ2L10-03S	1
	P586563128	SMC		
9	74569148	One Touch Fitting	KQ2L06-02S	1
	P586623032	SMC		
10	74304902	Hex Socket Cap Screw	M5X35	2
	P330210012			
11	74902670	Blow Valve Roof		1
	MA04932---			
12	74811414	Plastic Hose	SP4-06(Black)-15M	1
	P230223091	JUNKOSHA		

Unit No. 38 Pneumatic <DU Blow ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902333 MA02581---	Cable DU-1		1

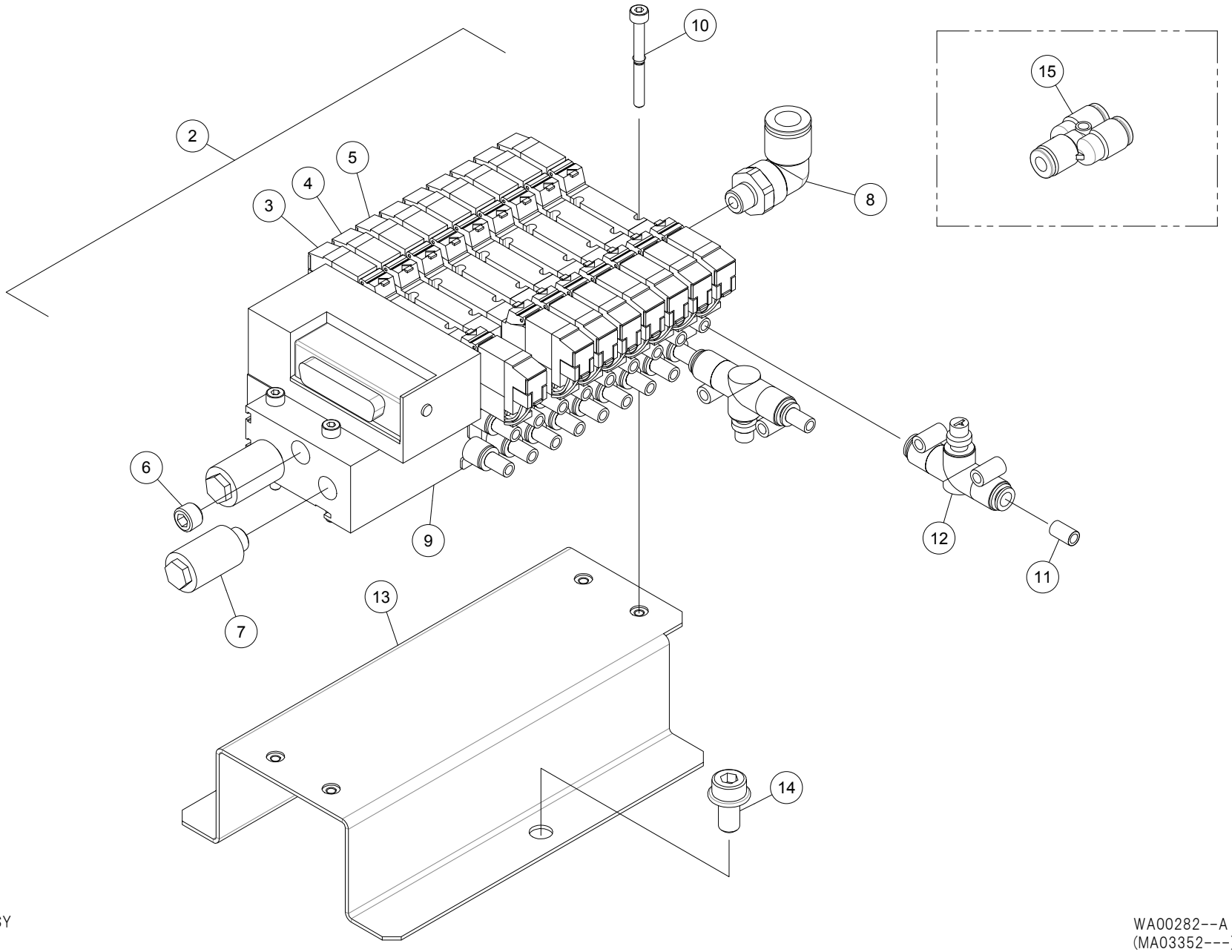


(1) Flow Switch ASSY

WA00364---
(MA04147---)

Unit No. 39 Pneumatic <Flow Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00364---	Flow Switch ASSY	Index 2-12	1
2	74902617 MA04152---	Flow Switch Bracket		1
3	74903264 P549068001	Flow Switch SMC	PF2A751-04-67-M	2
4	74380346 P580010004	Bush for Piping JIS	1/2X3/8	4
5	74777038 P586563128	One Touch Fitting SMC	KQ2L10-03S	2
6	74613239 P586623033	One Touch Fitting SMC	KQ2L06-03S	2
7	74569430 P586563168	One Touch Fitting SMC	KQ2L06-99	2
8	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
9	74383398 P330200013	Hex Socket Cap Screw	M4X6	8
10	74903087 P230243154	Plastic Hose JUNKOSHA	SP4-10(Black)-2M	2
11	74902340 MA02608---	Cable Add Works DU-24A	(SP30) / List Only	1
12	74902341 MA02609---	Cable Add Works DU-24B	(SP31) / List Only	1



(1) DU SOL ASSY

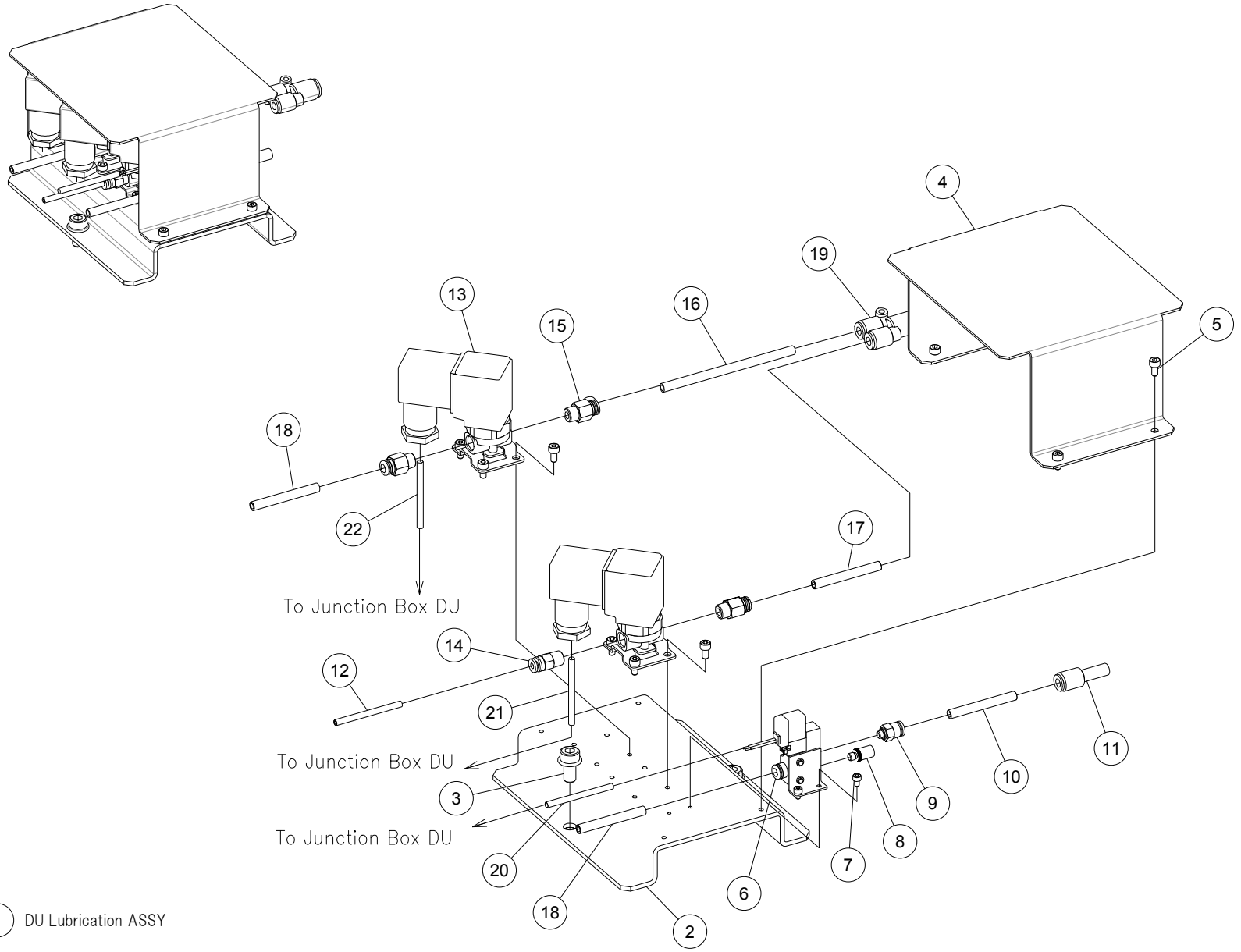
WA00282--A
(MA03352---)

Unit No. 40 Pneumatic <DU SOL ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00282--A	DU SOL ASSY	Index 2-15	1
2	74403040 7835668--A	DU 9-station SOL SMC	SS5Y3-50F2-X262 Index 3-9	1
3	74902948 SPT0172---	5 Port Solenoid Valve SMC	SY3400T-5NZF1	6
4	74902949 SPT0173---	5 Port Solenoid Valve SMC	SY3300T-5NZF1	2
5	74902950 SPT0174---	5 Port Solenoid Valve SMC	SY3100HT-5NZF1	1
6	74902933 SPT0156---	Hex Socket Plug SMC	TB00094	1
7	74903290 P557032034	Silencer SMC	AN10-01	4
8	74403041 SPT0495---	Elbow Union SMC	KQ2L10-01AS	1
9	74902951 SPT0175---	Manifold Base SMC	SS5Y3-50F2-09B-C6-X262	1
10	74300603 P330200025	Hex Socket Cap Screw	M4X40	4
11	74903070 P230223079	Plastic Hose JUNKOSHA	UH30-06(Black)-10M	1
12	74776962 P555004046	Air Flow Control Valve CKD	SCL2-06-H66	2

Unit No. 40 Pneumatic <DU SOL ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903038 WA00283---	DU Solenoid Bracket		1
14	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
15	74309961 P586624002	One Touch Fitting NITTA MOORE	EYB6-6	10



(1) DU Lubrication ASSY

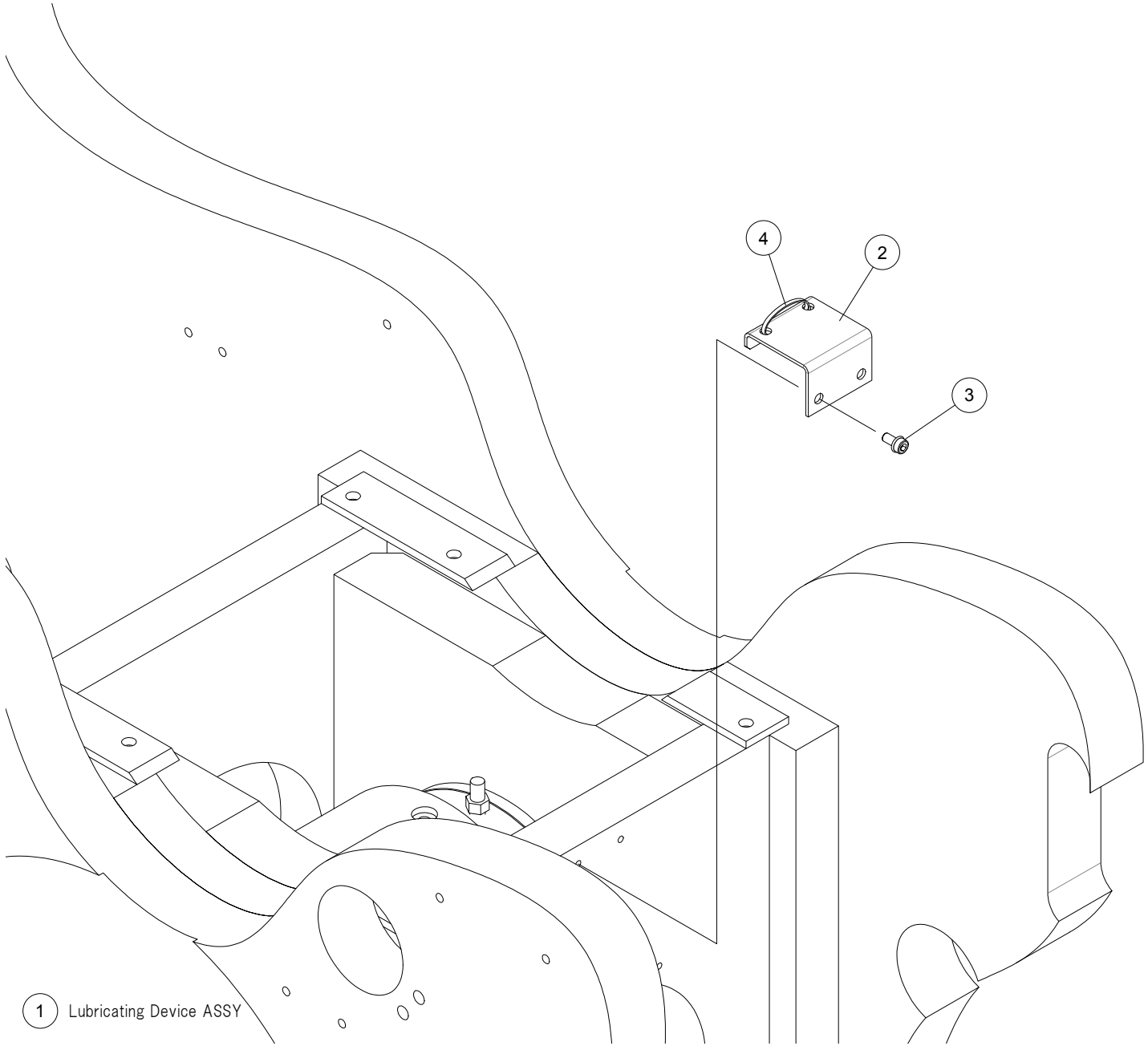
WA00363---

Unit No. 41 Pneumatic <DU Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00363---	DU Lubrication ASSY	Index 2-22	1
2	74902511 MA03334---	DO Oil Valve Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	2
4	74902510 MA03333---	DU Valve Roof		1
5	74413041 P330200014	Hex Socket Cap Screw	M4X8	12
6	74903277 P556002679	Air Directional Control Valve SMC	VQZ115-5G1-C6-PRF	1
7	74776731 P330200037	Hex Socket Cap Screw JIS	M3X5	2
8	74382121 P557032011	Silencer SMC	AN120-M5	1
9	74900591 P586533111	One Touch Fitting SMC	KQ2H06-M5	1
10	74570235 P230222120	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-4M	1
11	74613240 P586653011	One Touch Fitting SMC	KQ2R06-08 (Plug-in Reducer)	1
12	74903058 P230212107	Plastic Hose NITTA MOORE	U2-4-4X2.5(Black)-1.3M	1

Unit No. 41 Pneumatic <DU Lubrication ASSY>

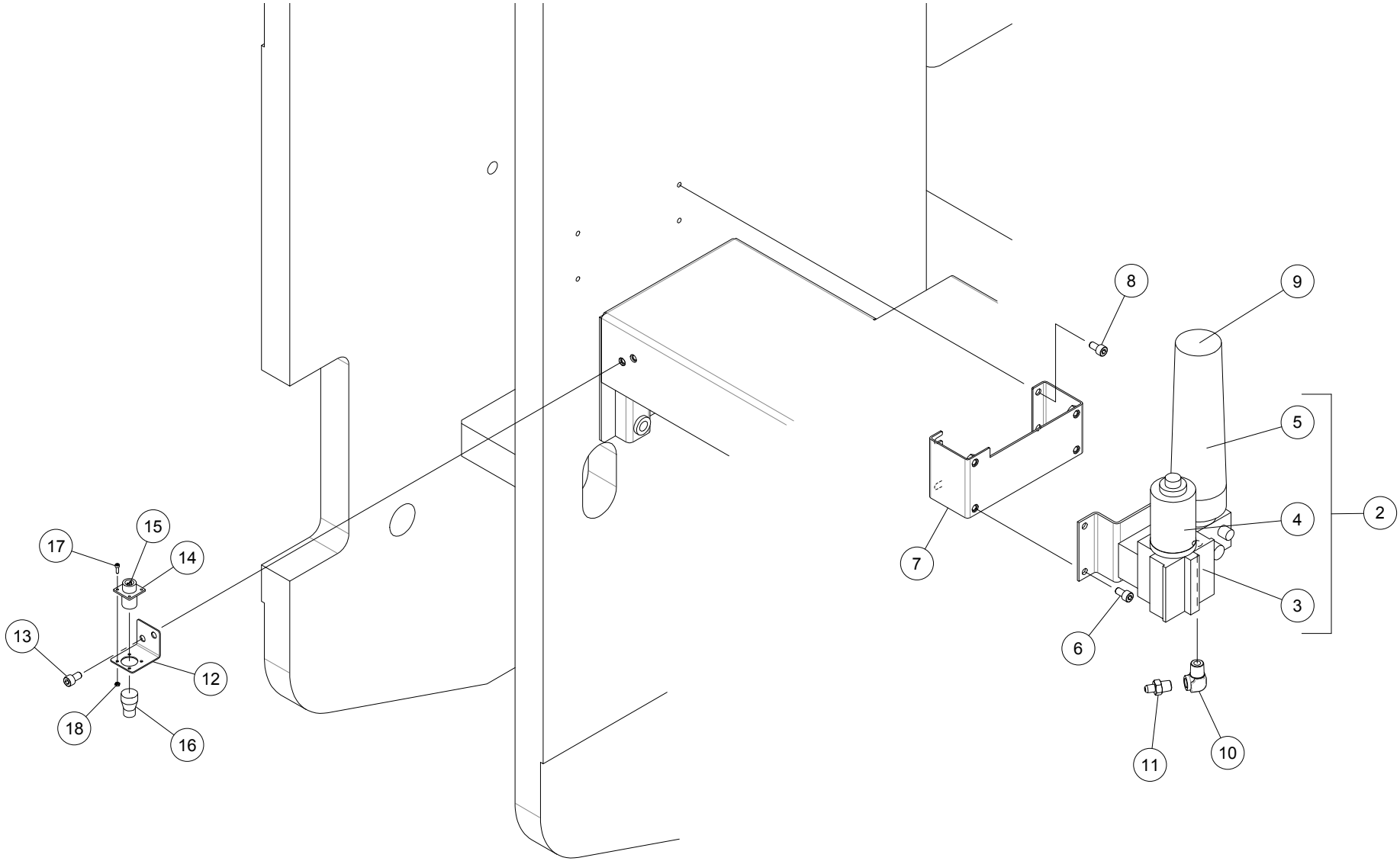
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903261 P545128004	Hydraulic Directional Control Valve SMC	VCL21-5DL-2-01-F	2
14	74576279 P586533119	One Touch Fitting SMC	KQ2H04-01S	1
15	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	3
16	74567455 P230222087	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.2M	1
17	74418153 P230222138	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.3M	1
18	74570449 P230222103	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.5M	2
19	74777034 P586533096	One Touch Fitting SMC	KQ2U06-08	1
20	74902337 MA02589--A	Cable DU-9	(YV309)	1
21	74902338 MA02590--A	Cable DU-10	(YV308)	1
22	74902339 MA02591--A	Cable DU-11	(YV327)	1



MA03900---

Unit No. 42 Lubrication

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03900---	Lubricating Device ASSY	Index 2-10	1
2	74415540 6871151	Stopper Bracket	T2.3	1
3	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2
4	74571460 P381058056	Cable Band KITAGAWA	SKB-3M	1
5	P238025010	Lubricating Oil AMADA	1L List Only	2
6	P238045002	Grease AMADA	EP-NO.0-1L List Only	1
7	P238045005	Grease AMADA	EP-NO.2-1L List Only	1
8	P238108004	Rust Preventive Oil YUSHIRO Chemical	1L List Only	3
9	P238104003	Rust Preventive Oil IDEMITSU	1L List Only	2
10	P238145001	Tube Grease AMADA	0.4L List Only	1



(1) Grease Pump ASSY

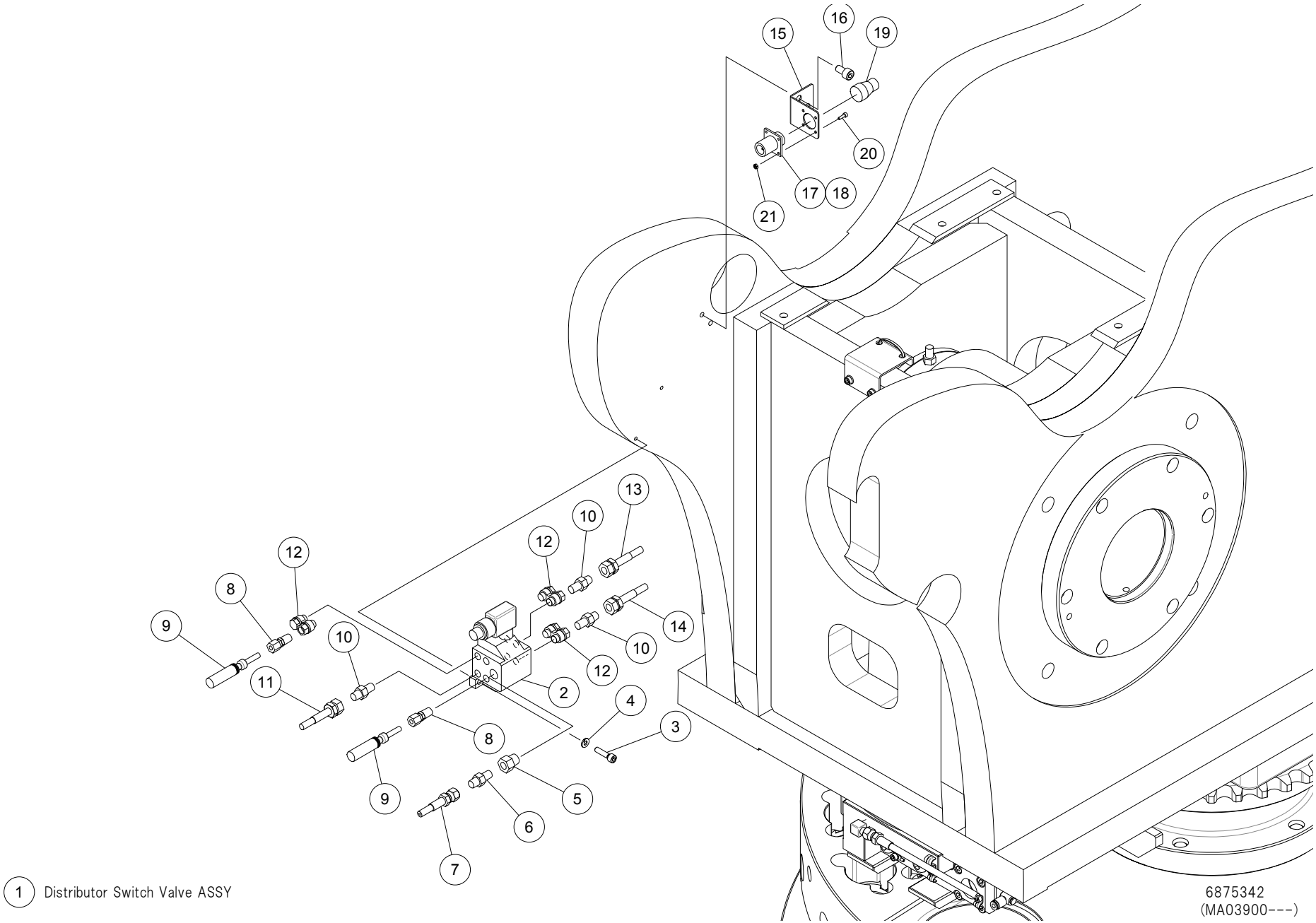
MA03323---
(MA03900---)

Unit No. 43 Lubrication <Grease Pump ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03323---	Grease Pump ASSY	Index 2-18	1
2	74162030 7834095	Grease Pump Daikin Lubricating	LE04CP-10-Y5257 Index 3-5	1
3	74902952 SPT0176---	Pump ASSY Daikin Lubricating	LE-GP-A-10	1
4	74902953 SPT0177---	Motor Daikin Lubricating	for LE04GP-10-Y5257 DC24V 3A	1
5	74902954 SPT0178---	Tank Daikin Lubricating	LE-T04C-10	1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
7	74902508 MA03327---	Grease Pump Bracket		1
8	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
9	P238145001	Tube Grease AMADA	0.4L	1
10	74903306 P580053013	Elbow BAN SS	LC3-1/4X3/8	1
11	74569969 P589222215	Hose Adapter The Yokohama Rubber	1013-PT1/4-PF1/8	1
12	74308721 6502982 A	Cable Bracket		1

Unit No. 43 Lubrication <Grease Pump ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
14	74565182 P862032012	Plastic R Connector AMP	206061-1	1
15	74903444 P862142012	Plug Type Terminal AMP	66103-2	2
16	74565183 P862182001	Accessory for Connector AMP	206062-1	1
17	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
18	74183201 P332000001	Nut JIS	M3	4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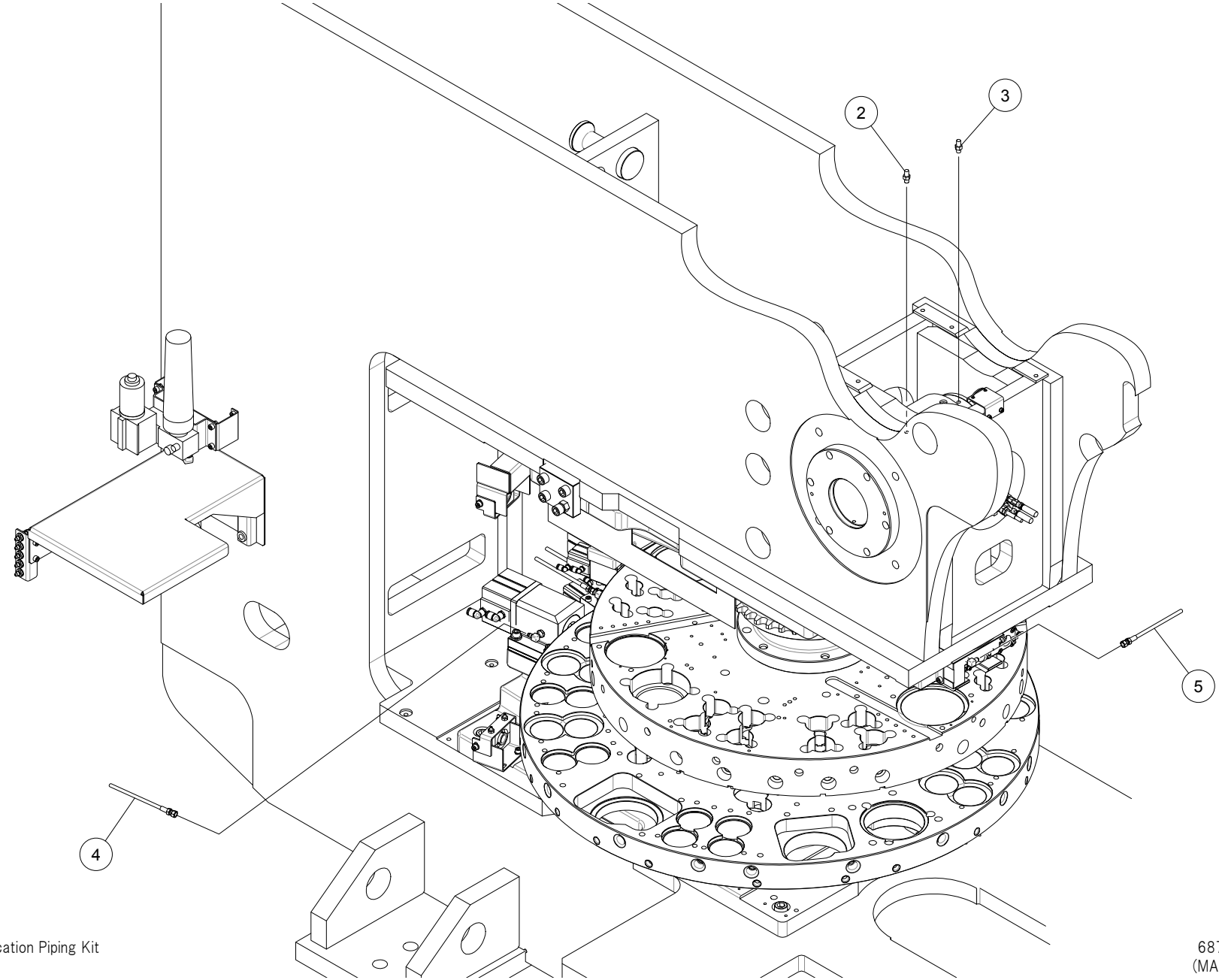
1 Distributor Switch Valve ASSY
6875342
(MA03900---)

Unit No. 44 Lubrication <Distributor Switch Valve ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875342	Distributor Switch Valve ASSY	Index 2-21	1
2	74418426 P560305015	Distributor Switch Valve IHI	U-8M (with Micro SW)	1
3	74300611 P330220011	Hex Socket Cap Screw	M6X25	2
4	74178737 P336050005	Spring Washer JIS	6	2
5	74415533 P589222280	Hose Adapter The Yokohama Rubber	2081-PT1/4-1/8	1
6	74338613 P589223028	Hose Adapter BRIDGESTONE	8001RG02	1
7	74418427 P220463040	Oil Hose ASSY BRIDGESTONE	KA02-F-6M	1
8	74161919 P589505002	Lubricating Pipe Fitting IHI	RK865621	2
9	74415188 P560472030	Nozzle Pipe LUBE	FH6-825	2
10	74338613 P589223028	Hose Adapter BRIDGESTONE	8001RG02	3
11	74415536 6591547	Lubricating Hose D		1
12	74415535 P560495001	Lubricating Pipe Fitting IHI	AU-15	3

Unit No. 44 Lubrication <Distributor Switch Valve ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
13	74310967 6504213	Lubricating Hose 4	K5-02-NPF-0.84M	1
14	74721995 6504214	Lubricating Hose 5	K5-02-NPF-1.145M	1
15	74308721 6502982 A	Cable Bracket		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
17	74565182 P862032012	Plastic R Connector AMP	206061-1	1
18	74903444 P862142012	Plug Type Terminal AMP	66103-2	2
19	74565183 P862182001	Accessory for Connector AMP	206062-1	1
20	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
21	74183201 P332000001	Nut JIS	M3	4

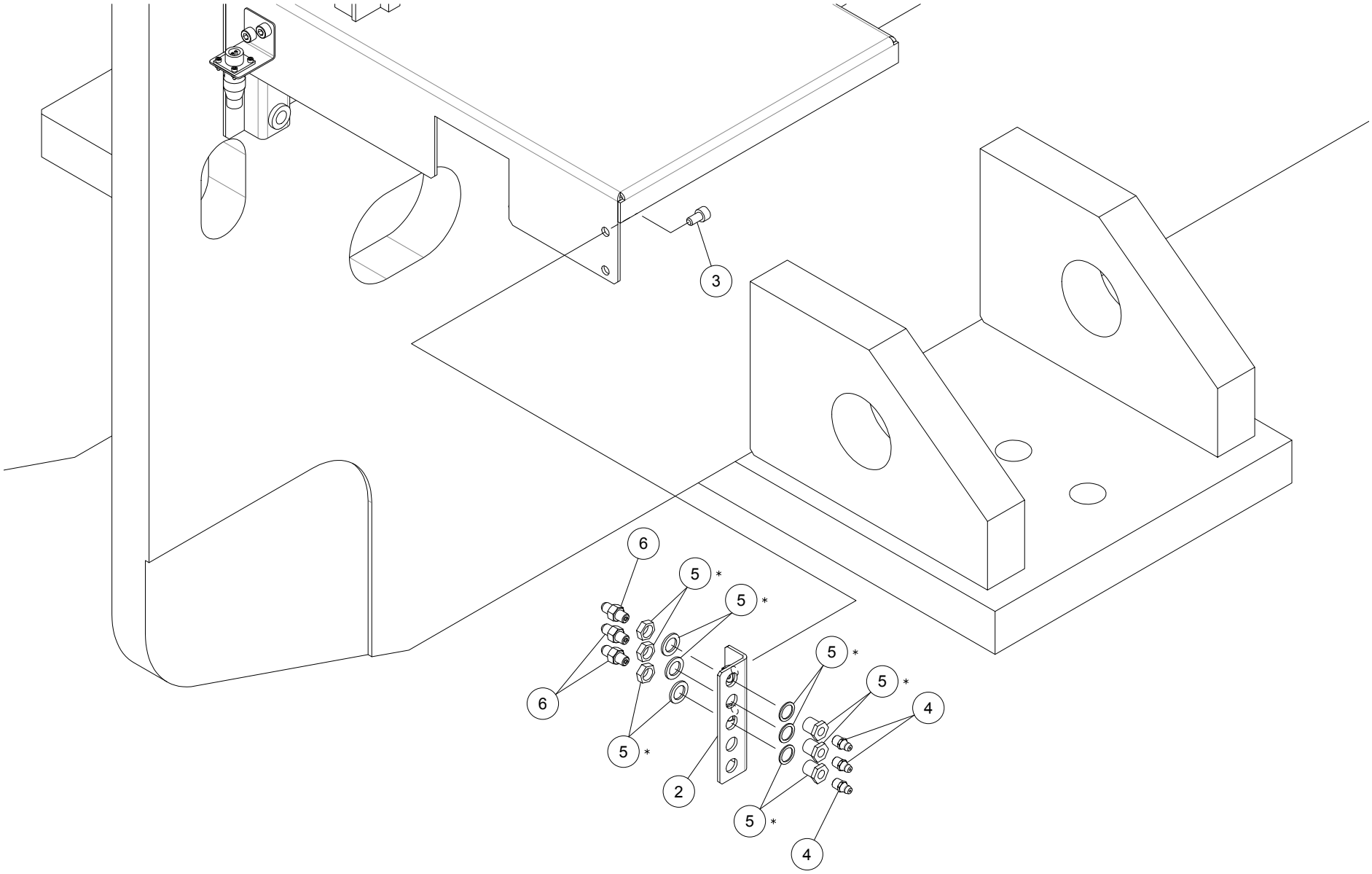


1 Lubrication Piping Kit

6875343
(MA03900---)

Unit No. 45 Lubrication <Lubrication Piping Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1		Lubrication Piping Kit		1
	6875343		Index 2-5	
2	74338613	Hose Adapter	8001RG02	1
	P589223028	BRIDGESTONE		
3	74338613	Hose Adapter	8001RG02	1
	P589223028	BRIDGESTONE		
4	74418428	Oil Hose ASSY	N173-02-1004-3.0M	2
	P220432060	The Yokohama Rubber		
5	74418429	Oil Hose ASSY	N173-02-1004-5.1M	1
	P220432059	The Yokohama Rubber		

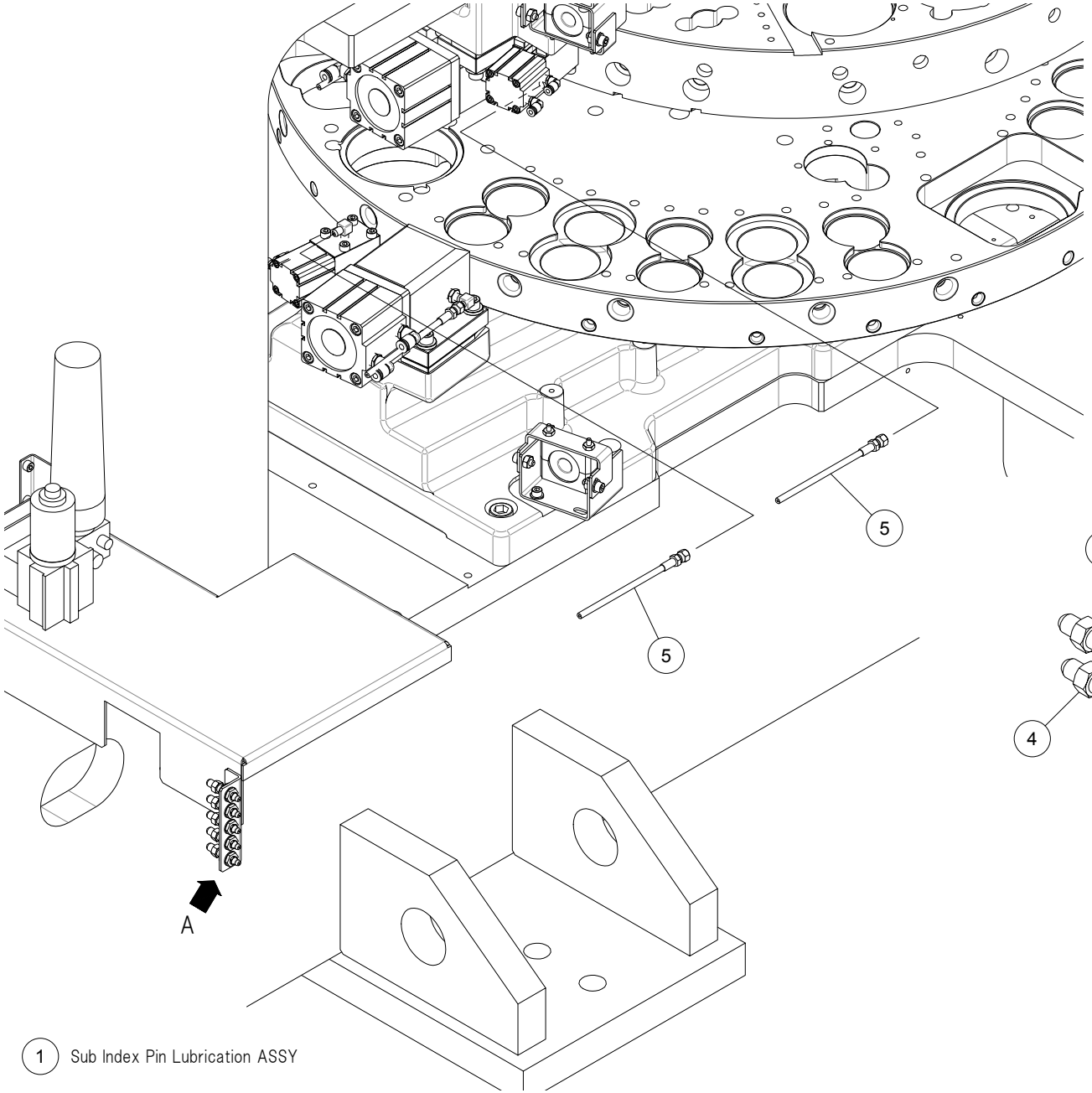


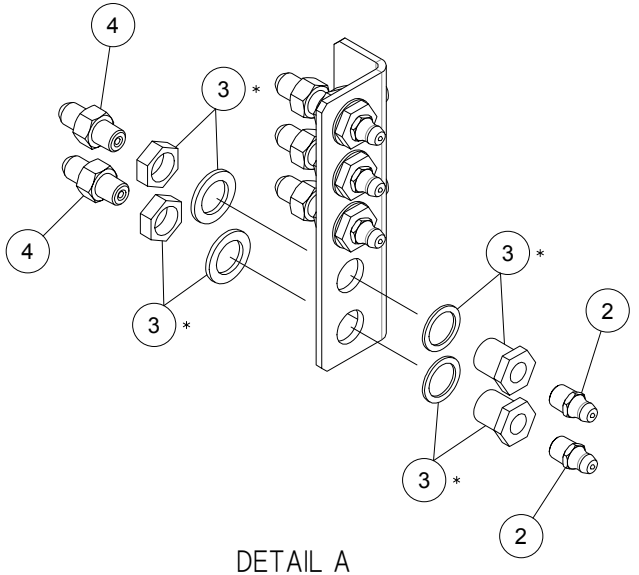
(1) Centralized Lubrication ASSY

MA02053---
(MA03900---)

Unit No. 46 Lubrication <Centralized Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02053---	Centralized Lubrication ASSY	Index 2-6	1
2	74902310 MA02054---	Lubricating Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74176714 P560600004	Grease Nipple	A-PT1/8	3
5	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	3
6	74569965 P589222214	Hose Adapter The Yokohama Rubber	1013-PT1/8-PF1/8	3





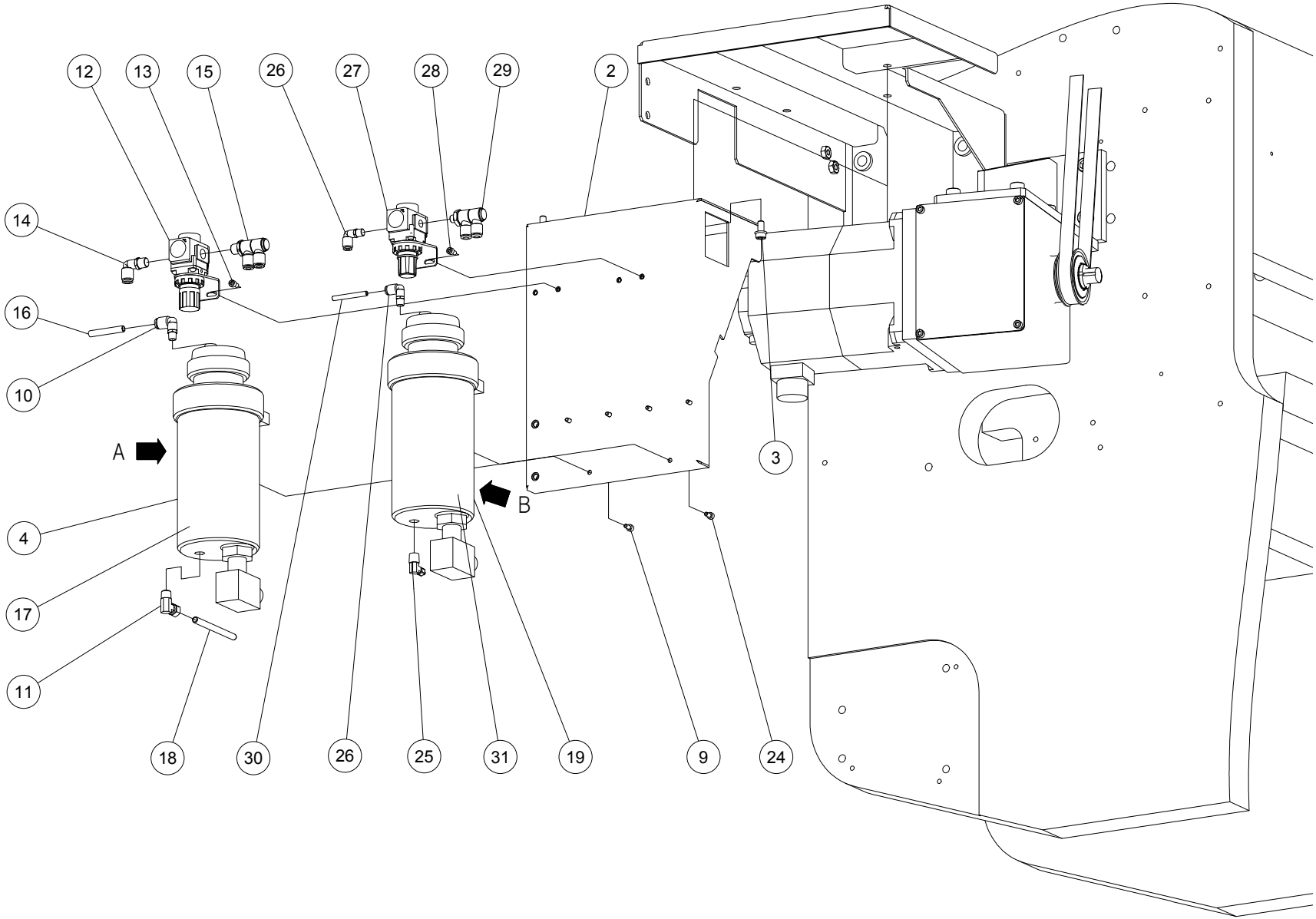
DETAIL A

(1) Sub Index Pin Lubrication ASSY

6876926
(MA03900---)

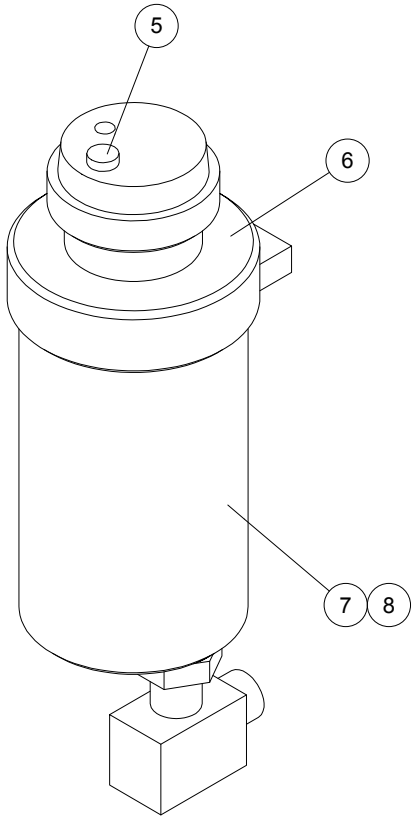
Unit No. 47 Lubrication <Sub Index Pin Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Index Pin Lubrication ASSY		1
	6876926		Index 2-5	
2	74176714	Grease Nipple	A-PT1/8	2
	P560600004			
3	74382915	Bite Type Pipe Fitting	PF-1/8-1/8-BS	2
	P585555001	JUNKOSHA		
4	74569965	Hose Adapter	1013-PT1/8-PF1/8	2
	P589222214	The Yokohama Rubber		
5	74418428	Oil Hose ASSY	N173-02-1004-3.0M	2
	P220432060	The Yokohama Rubber		

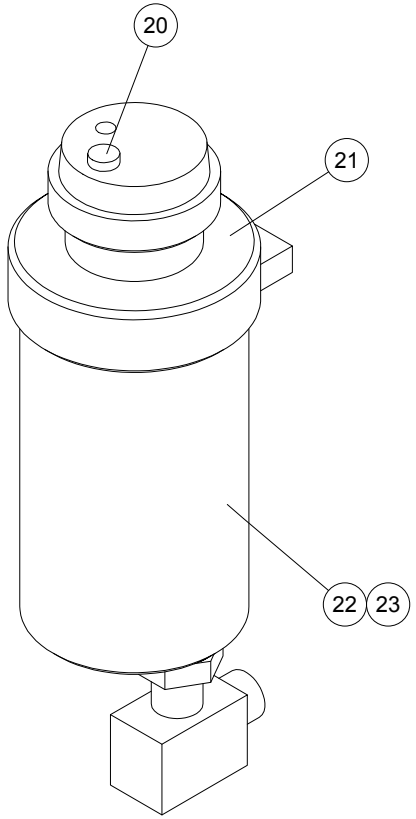


(1) Oil Tank ASSY

CE00543---
(MA03324---)



DETAIL A



DETAIL B

CE00543---
(MA03324---)

Unit No. 48 Lubrication <Oil Tank ASSY>

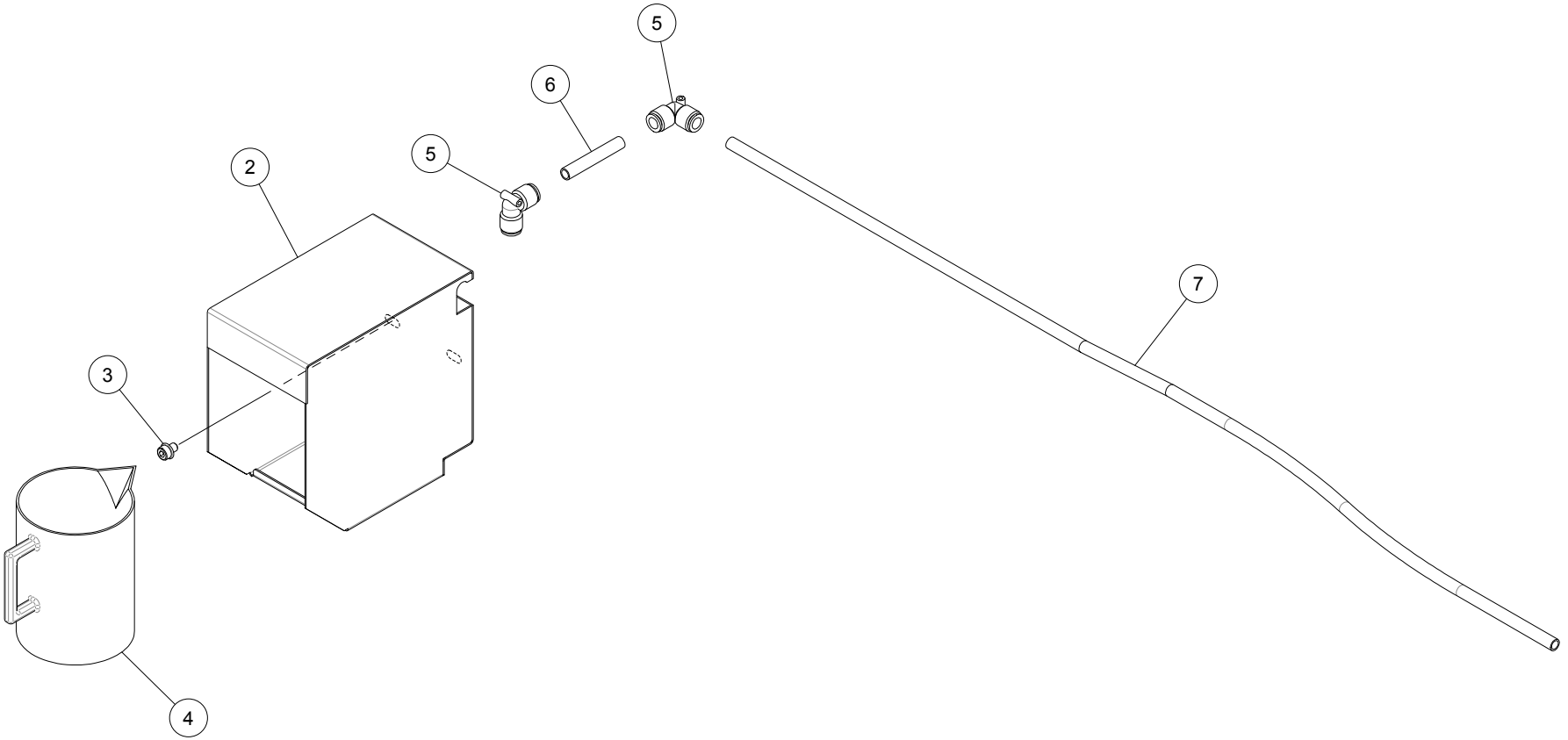
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00543---	Oil Tank ASSY	Index 2-33	1
2	74902507 MA03326--A	Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
4	74903294 P560518001	Oil Tank SMC	ALT20-S1 Index 5-8	1
5	74400629 S420399---	Filler Plug ASSY SMC	12314PA	1
6	74402045 SPT0179---	Upper Cover ASSY SMC	12761A	1
7	74402046 SPT0180---	Oil Tank Level Gauge SMC	1231263	1
8	74902955 SPT0181---	O Ring for Oil Tank Level Gauge SMC	JISB2401 P-4	1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
10	74451528 P586563123	One Touch Fitting SMC	KQ2L08-01S (Reducer Elbow)	1
11	74470333 P585563015	Bite Type Pipe Fitting SMC	DL08-02	1
12	74903273 P553072013	Regulator SMC	ARP20-02BE-1R DU-axis	1

Unit No. 48 Lubrication <Oil Tank ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
14	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	1
15	74420282 P586563141	One Touch Fitting SMC	KQ2VD08-02S	1
16	74903082 P230235090	Plastic Hose SMC	TU0805B-0.3M	1
17	74903108 P238028012	Lubricating Oil KOHZAI	#3000-1L DU-axis	1
18	74903080 P230233191	Plastic Hose JUNKOSHA	AS435-08(White)-4M	1
19	74903294 P560518001	Oil Tank SMC	ALT20-S1 Index 20-23	1
20	74400629 S420399---	Filler Plug ASSY SMC	12314PA	1
21	74402045 SPT0179---	Upper Cover ASSY SMC	12761A	1
22	74402046 SPT0180---	Oil Tank Level Gauge SMC	1231263	1
23	74902955 SPT0181---	O Ring for Oil Tank Level Gauge SMC	JISB2401 P-4	1
24	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

Unit No. 48 Lubrication <Oil Tank ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903315	Bite Type Pipe Fitting	KFL04-02	1
	P585563036	SMC		
26	74777048	One Touch Fitting	KQ2L06-01S (Elbow Union)	2
	P586623031	SMC		
27	74903270	Air Pressure Valve	AR20-01BE-R	1
	P553002184	SMC		
28	74183604	Hex Socket Cap Screw	M5X10	2
	P330210003			
29	74903331	One Touch Fitting	KQ2VD08-01S	1
	P586563220	SMC		
30	74903076	Plastic Hose	TU0604B-0.3M	1
	P230225104	SMC		
31	74389482	Lubricating Oil	1L	1
	P238025010	AMADA		
32	74902334	Cable DU-4		1
	MA02584--A		List Only	
33	74902289	Cable ARB1		1
	MA01547--A		List Only	



(1) DU Drain Collect ASSY

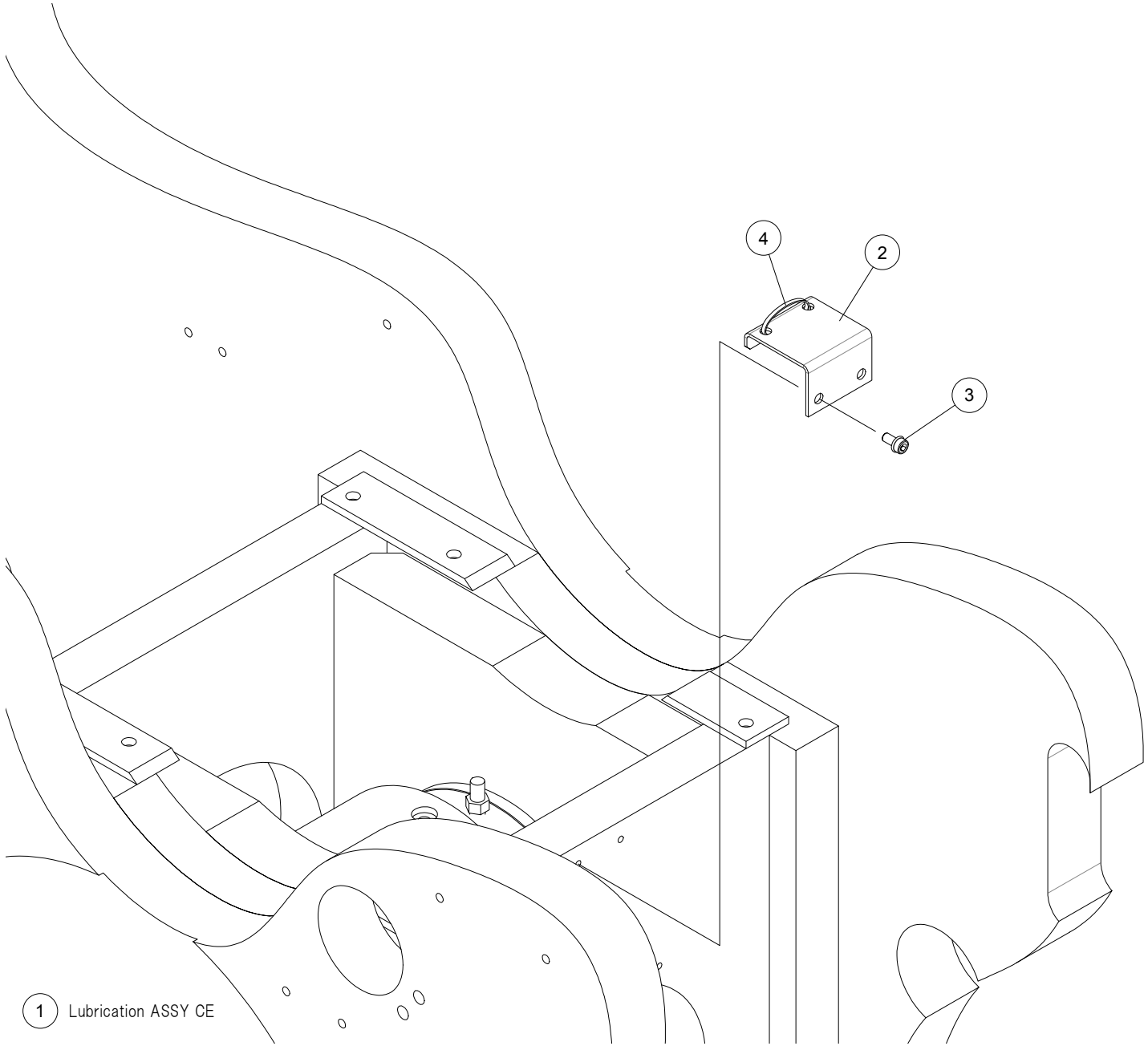
MA01357---

Unit No. 49 Lubrication <DU Drain Collect ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01357---	DU Drain Collect ASSY	Index 2-13	1
2	74902277 MA01361--A	DU Drain Catch Cover		1
3	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
4	74903241 P370028002	Beaker TRUSCO NAKAYAMA	0514	1
5	74903326 P586563156	One Touch Fitting SMC	KQ2L12-00	4
6	74903092 P230252093	Plastic Hose NITTA MOORE	N2-4-12X9(Black)-0.15M	1
7	74903090 P230252051	Plastic Hose NITTA MOORE	N2-4-12X9(Black)-1.5M	1
8	74381284 P381058037	Cable Band SHIBAKEI	CV-125N List Only	1
9	74903091 P230252064	Plastic Hose NITTA MOORE	U2-4-12X8(Black)-0.6M List Only	1
10	74902602 MA04013---	Oil Pump Bracket	List Only	1
11	74903333 P586565033	One Touch Fitting JUNKOSHA	PLBM-12-PT1/8-PM List Only	2
12	74613394 P586533118	One Touch Fitting SMC	KQ2L10-01S List Only	1

Unit No. 49 Lubrication <DU Drain Collect ASSY>

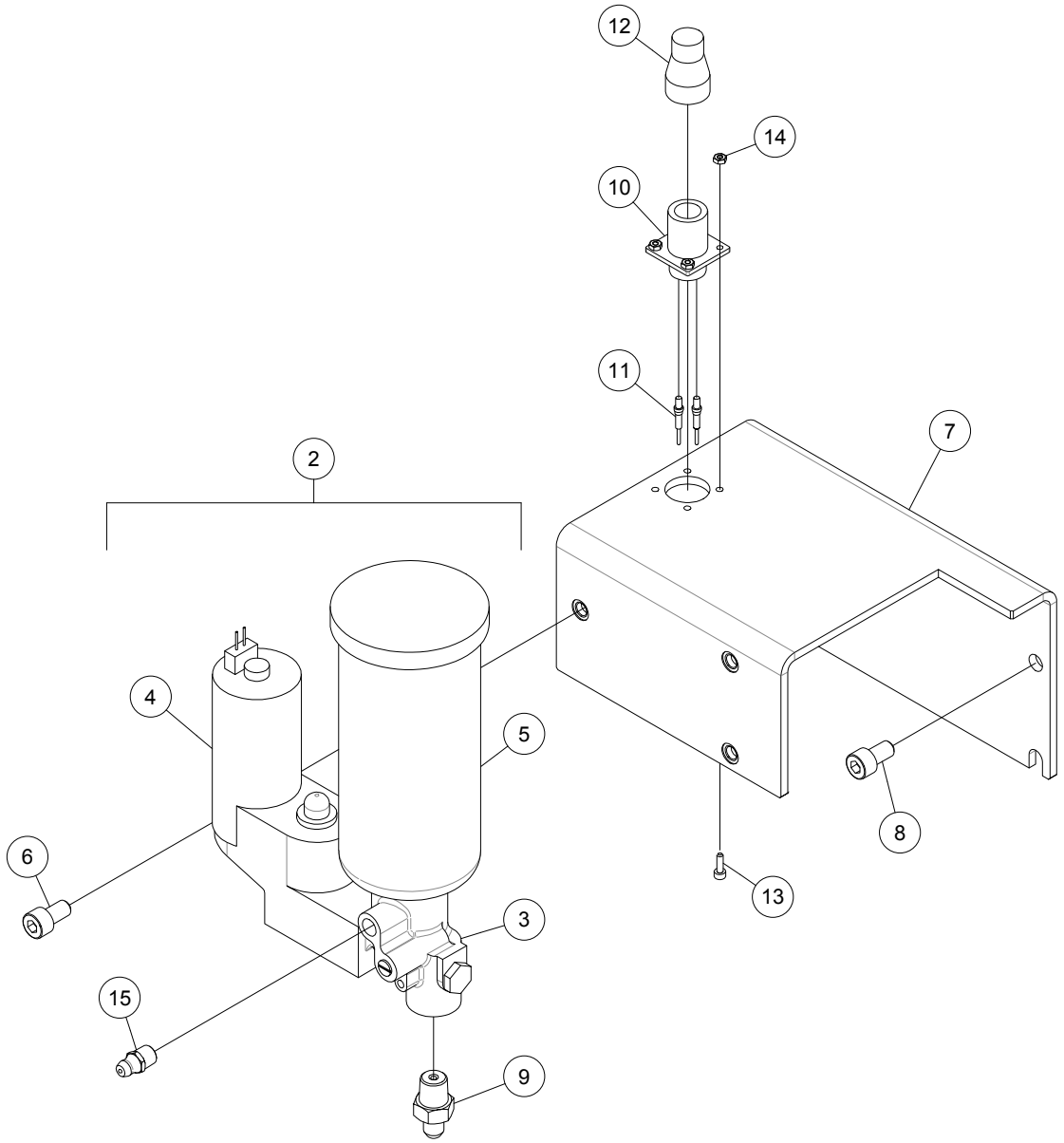
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74561091	One Touch Fitting	KQT10-00	1
	P586603009	SMC	List Only	



MA06605---

Unit No. 50 Lubrication EU

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lubrication ASSY CE		1
	MA06605---		Index 2-10	
2	74415540	Stopper Bracket	T2.3	1
	6871151			
3	74560920	Flange Socket Bolt	M6X12	2
	P330468026	NISSAN NEJI		
4	74571460	Cable Band	SKB-3M	1
	P381058056	KITAGAWA		
5		Lubricating Oil	1L	2
	P238025010	AMADA	List Only	
6		Grease	EP-NO.0-1L	1
	P238045002	AMADA	List Only	
7		Grease	EP-NO.2-1L	1
	P238045005	AMADA	List Only	
8		Rust Preventive Oil	1L	3
	P238108004	YUSHIRO Chemical	List Only	
9		Rust Preventive Oil	1L	2
	P238104003	IDEMITSU	List Only	
10		Rust Preventive Oil	4L	1
	P238108003	STT	List Only	



(1) Grease Pump ASSY CE

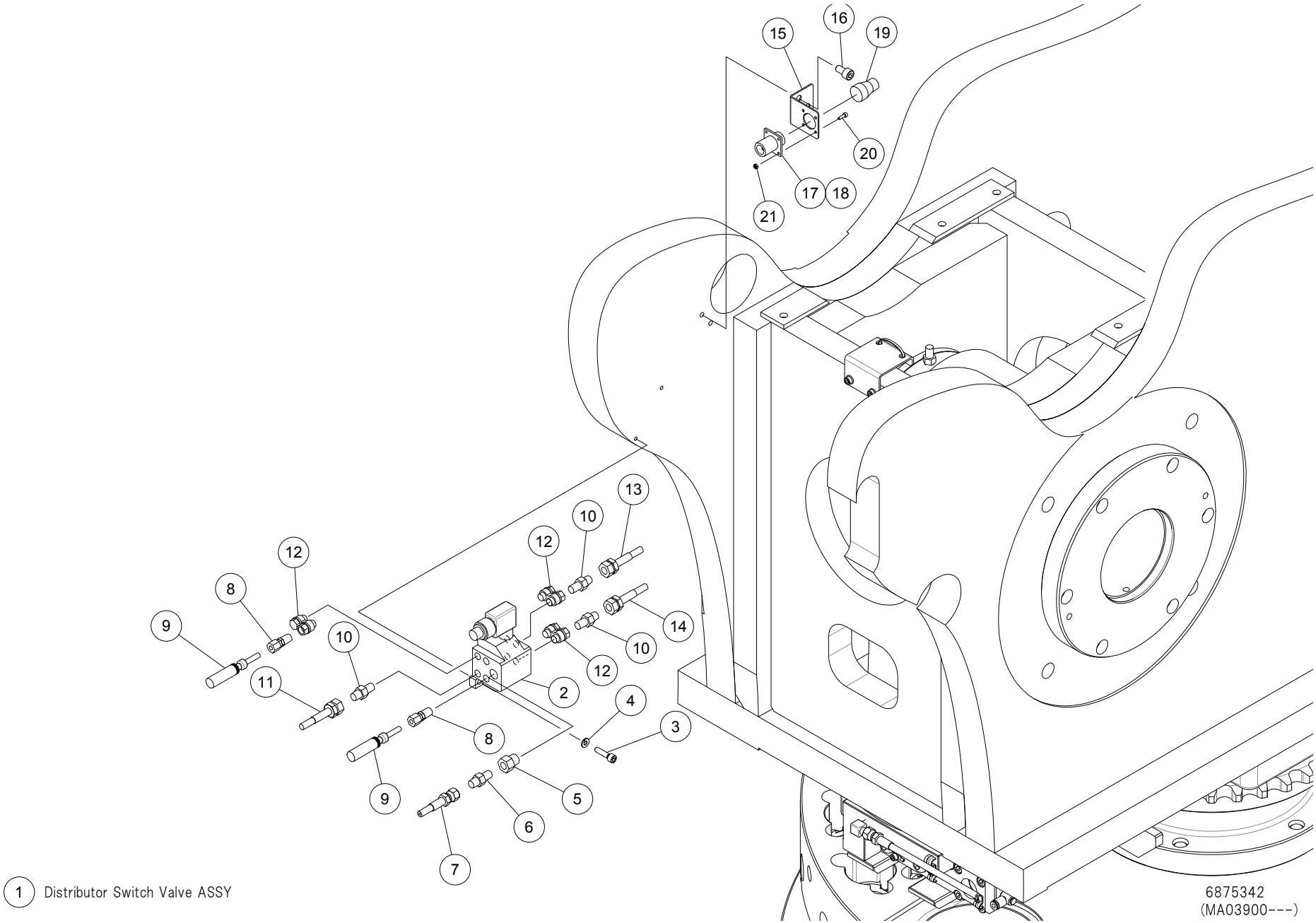
MA06606---
(6894836---)

Unit No. 51 Lubrication EU <Grease Pump ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06606---	Grease Pump ASSY CE	Index 2-15	1
2	74415080 7834089	Grease Pump IHI	SK-505BMA-04 Index 3-5	1
3	74902891 S420206---	Pump IHI Compressor and Machinery	RK279300	1
4	74902892 S420207---	Motor DC24V-2R IHI Compressor and Machinery	RK248100	1
5	74902893 S420208---	Tank 400cc IHI Compressor and Machinery	RK276700	1
6	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
7	74902690 MA05003---	Grease Pump Bracket		1
8	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
9	74419550 P589222368	Hose Adapter The Yokohama Rubber	1033-PT1/4-PF1/8	1
10	74565182 P862032012	Plastic Round Connector AMP	206061-1	1
11	74903444 P862142012	Plug Type Terminal AMP	66103-2	2
12	74565183 P862182001	Accessory for Connector AMP	206062-1	1

Unit No. 51 Lubrication EU <Grease Pump ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
14	74183201 P332000001	Nut JIS	M3	4
15	74176714 P560600004	Grease Nipple	A-PT1/8	1



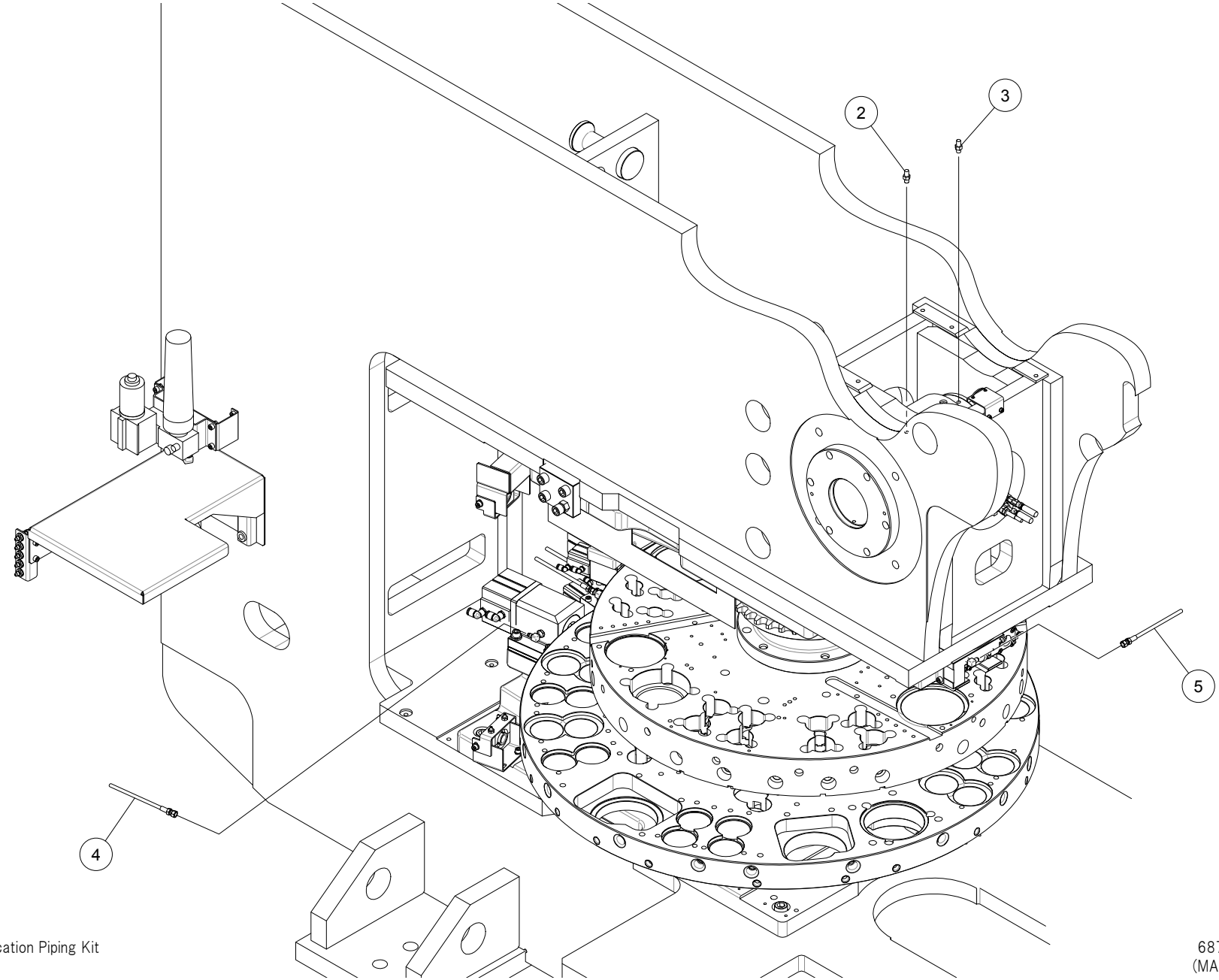
(1) Distributor Switch Valve ASSY

Unit No. 52 Lubrication EU <Distributor Switch Valve ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6875342	Distributor Switch Valve ASSY	Index 2-21	1
2	74418426 P560305015	Distributor Switch Valve IHI	U-8M (with Micro SW)	1
3	74300611 P330220011	Hex Socket Cap Screw	M6X25	2
4	74178737 P336050005	Spring Washer JIS	6	2
5	74415533 P589222280	Hose Adapter The Yokohama Rubber	2081-PT1/4-1/8	1
6	74338613 P589223028	Hose Adapter BRIDGESTONE	8001RG02	1
7	74418427 P220463040	Oil Hose ASSY BRIDGESTONE	KA02-F-6M	1
8	74161919 P589505002	Lubricating Pipe Fitting IHI	RK865621	2
9	74415188 P560472030	Nozzle Pipe LUBE	FH6-825	2
10	74338613 P589223028	Hose Adapter BRIDGESTONE	8001RG02	3
11	74415536 6591547	Lubricating Hose D		1
12	74415535 P560495001	Lubricating Pipe Fitting IHI	AU-15	3

Unit No. 52 Lubrication EU <Distributor Switch Valve ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74310967 6504213	Lubricating Hose 4	K5-02-NPF-0.84M	1
14	74721995 6504214	Lubricating Hose 5	K5-02-NPF-1.145M	1
15	74308721 6502982 A	Cable Bracket		1
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
17	74565182 P862032012	Plastic R Connector AMP	206061-1	1
18	74903444 P862142012	Plug Type Terminal AMP	66103-2	2
19	74565183 P862182001	Accessory for Connector AMP	206062-1	1
20	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
21	74183201 P332000001	Nut JIS	M3	4

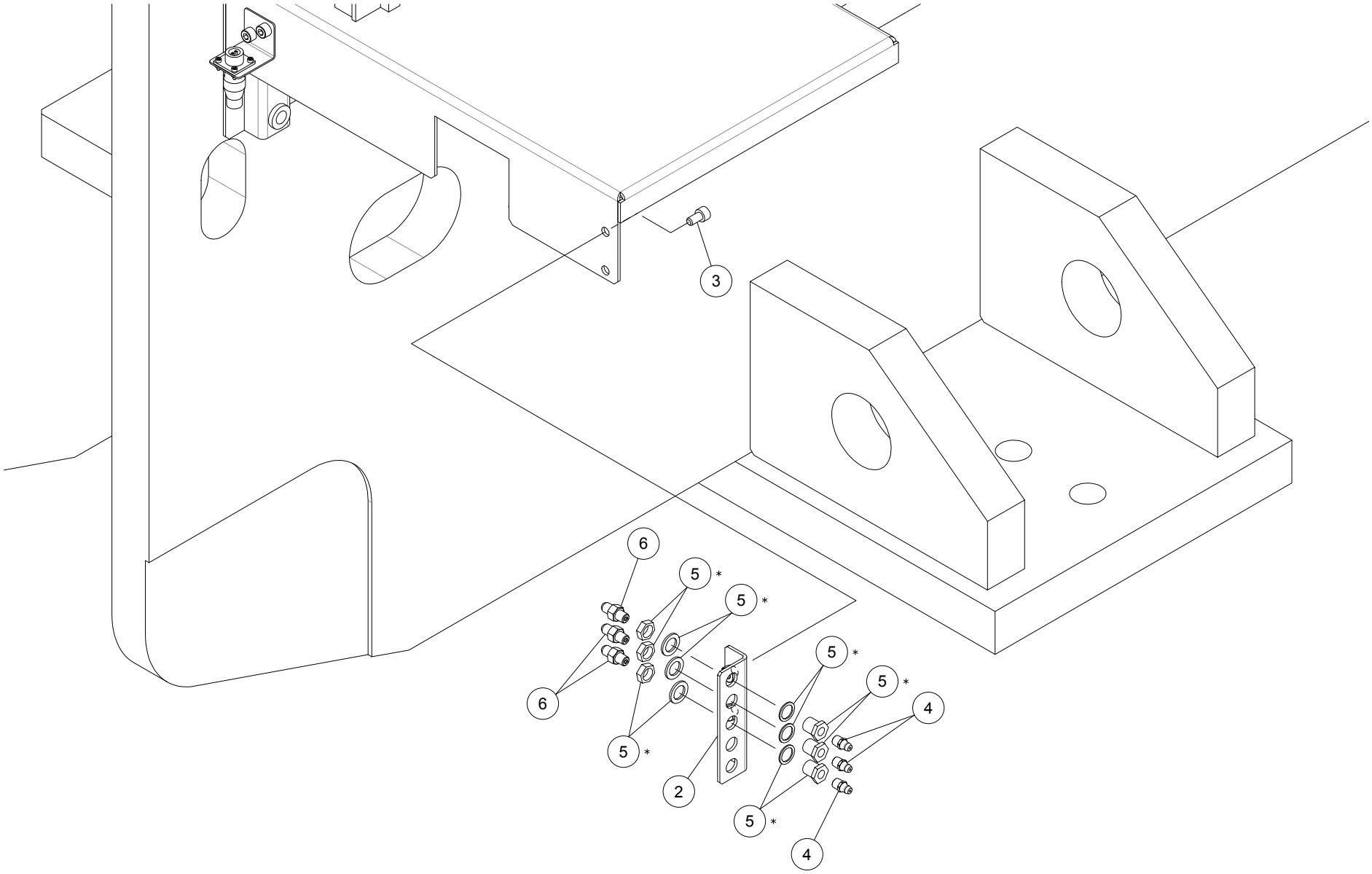


1 Lubrication Piping Kit

6875343
(MA03900---)

Unit No. 53 Lubrication EU <Lubrication Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lubrication Piping Kit		1
	6875343		Index 2-5	
2	74338613	Hose Adapter	8001RG02	1
	P589223028	BRIDGESTONE		
3	74338613	Hose Adapter	8001RG02	1
	P589223028	BRIDGESTONE		
4	74418428	Oil Hose ASSY	N173-02-1004-3.0M	2
	P220432060	The Yokohama Rubber		
5	74418429	Oil Hose ASSY	N173-02-1004-5.1M	1
	P220432059	The Yokohama Rubber		

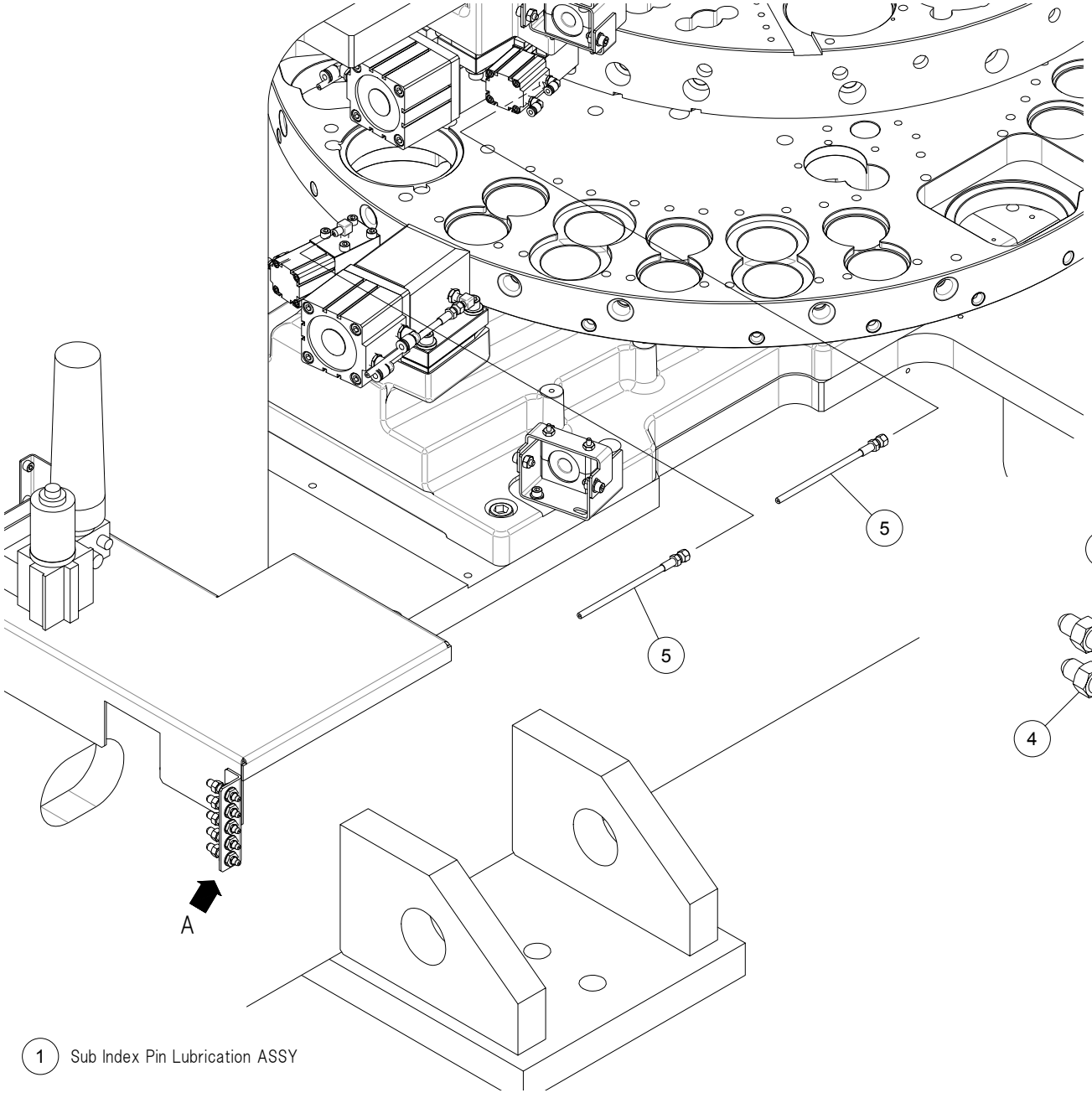


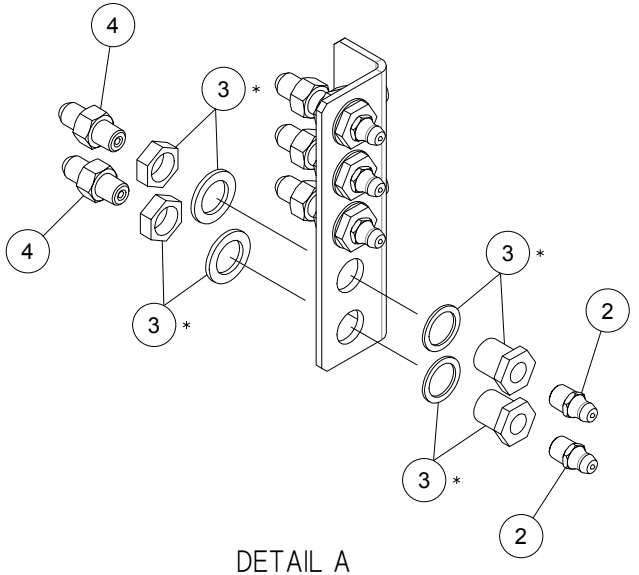
(1) Centralized Lubrication ASSY

MA02053---
(MA03900---)

Unit No. 54 Lubrication EU <Centralized Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02053---	Centralized Lubrication ASSY	Index 2-6	1
2	74902310 MA02054---	Lubricating Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74176714 P560600004	Grease Nipple	A-PT1/8	3
5	74382915 P585555001	Bite Type Pipe Fitting JUNKOSHA	PF-1/8-1/8-BS	3
6	74569965 P589222214	Hose Adapter The Yokohama Rubber	1013-PT1/8-PF1/8	3





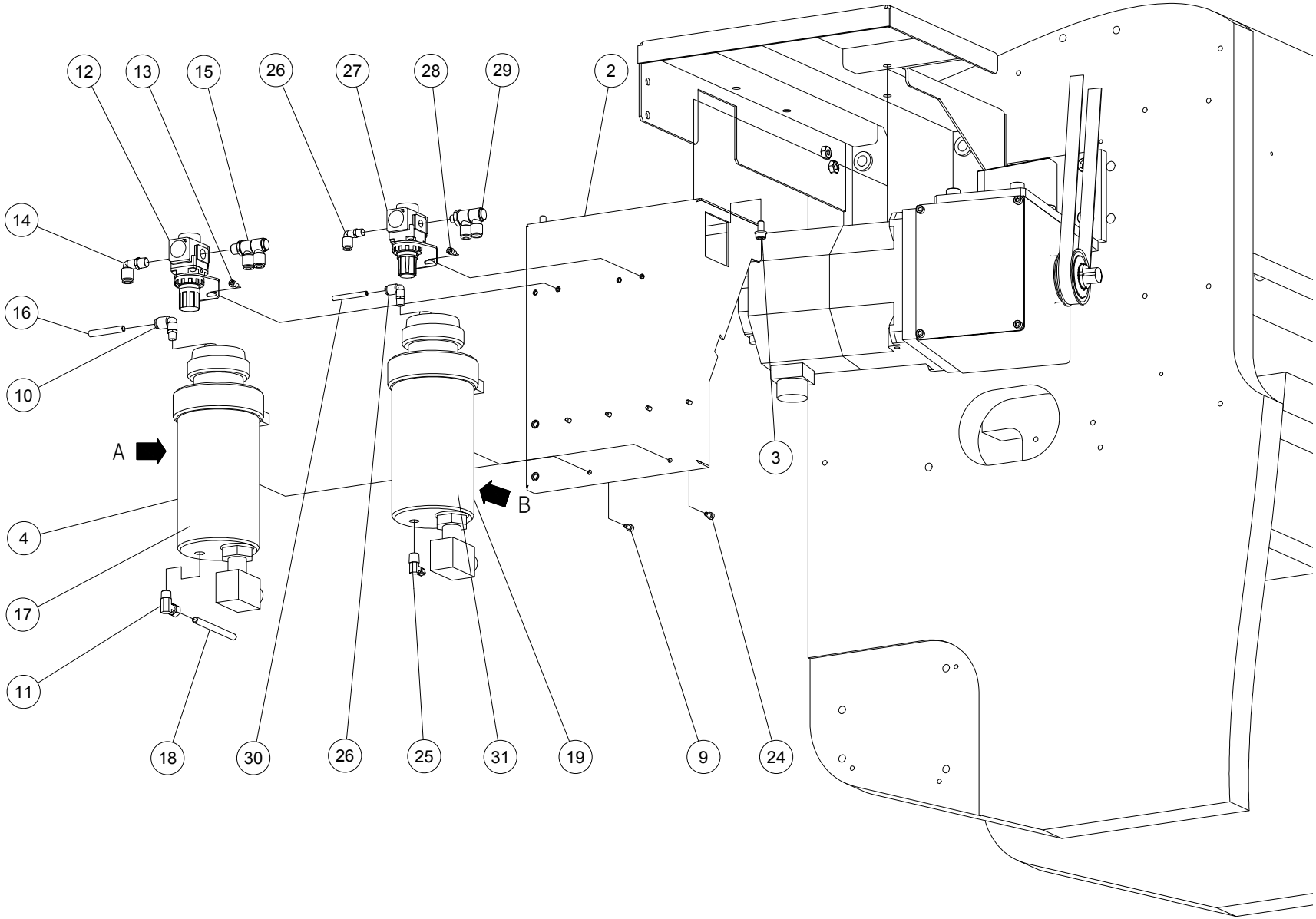
DETAIL A

(1) Sub Index Pin Lubrication ASSY

6876926
(MA03900---)

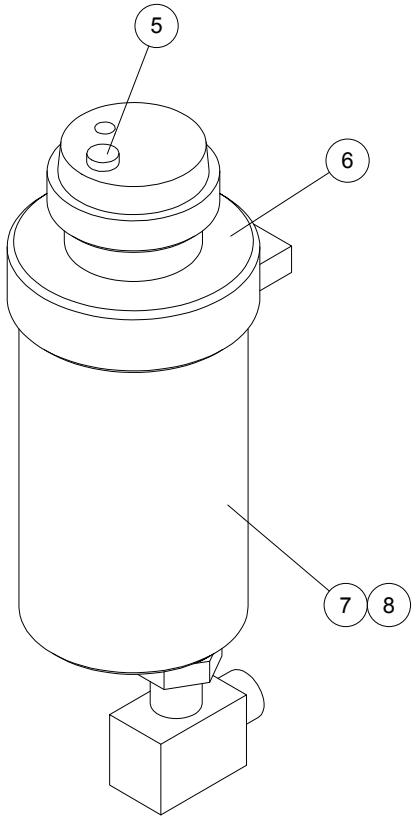
Unit No. 55 Lubrication EU <Sub Index Pin Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Index Pin Lubrication ASSY		1
	6876926		Index 2-5	
2	74176714	Grease Nipple	A-PT1/8	2
	P560600004			
3	74382915	Bite Type Pipe Fitting	PF-1/8-1/8-BS	2
	P585555001	JUNKOSHA		
4	74569965	Hose Adapter	1013-PT1/8-PF1/8	2
	P589222214	The Yokohama Rubber		
5	74418428	Oil Hose ASSY	N173-02-1004-3.0M	2
	P220432060	The Yokohama Rubber		

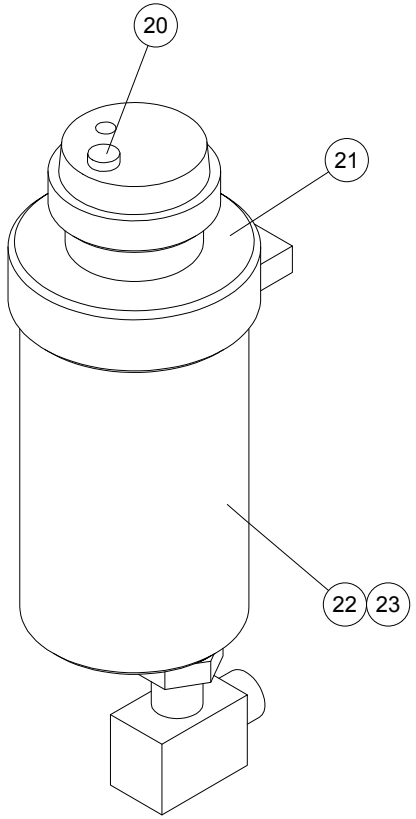


(1) Oil Tank ASSY

CE00543---
(MA03324---)



DETAIL A



DETAIL B

CE00543---
(MA03324---)

Unit No. 56 Lubrication EU <Oil Tank ASSY>

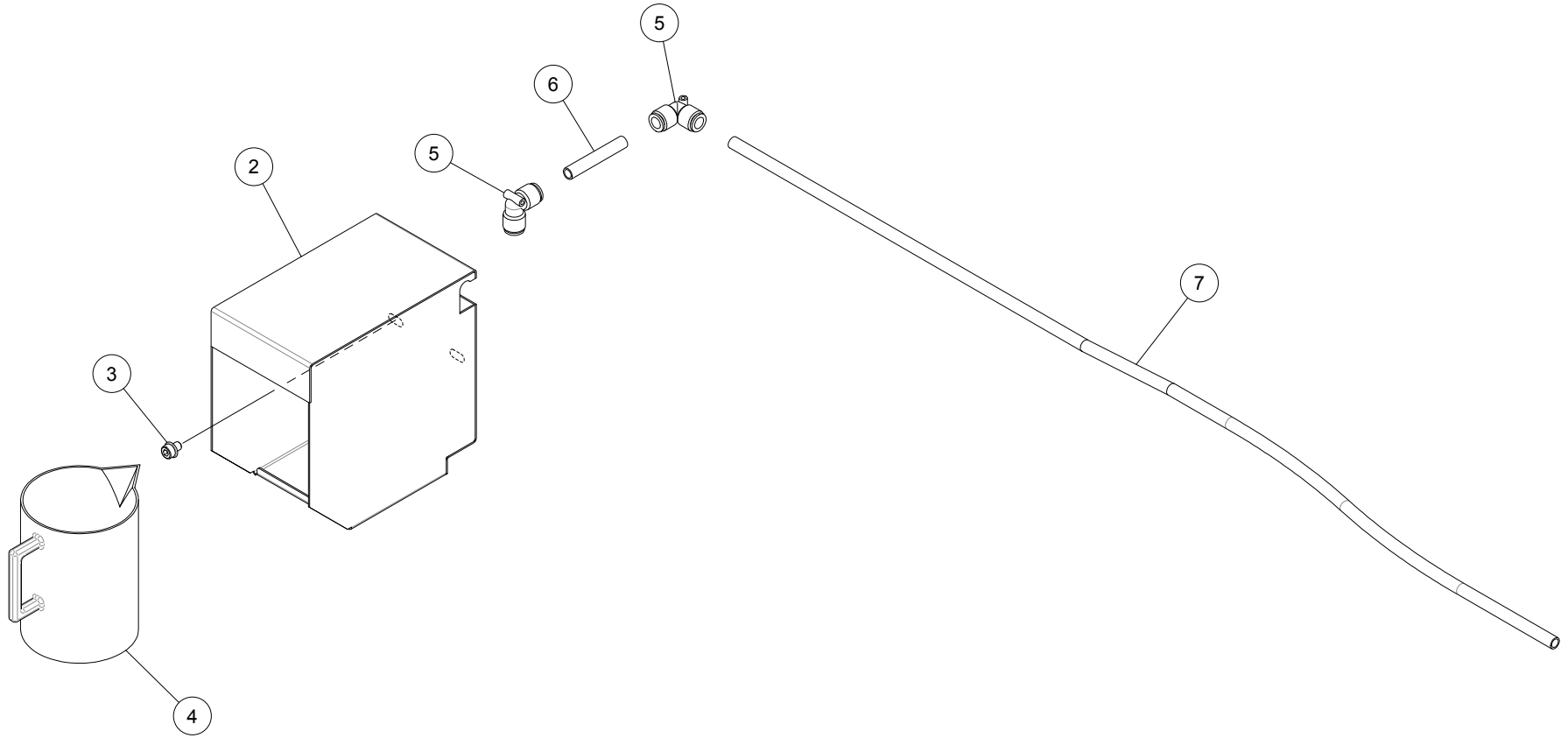
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00543---	Oil Tank ASSY	Index 2-33	1
2	74902507 MA03326--A	Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
4	74903294 P560518001	Oil Tank SMC	ALT20-S1 Index 5-8	1
5	74400629 S420399---	Filler Plug ASSY SMC	12314PA	1
6	74402045 SPT0179---	Upper Cover ASSY SMC	12761A	1
7	74402046 SPT0180---	Oil Tank Level Gauge SMC	1231263	1
8	74902955 SPT0181---	O Ring for Oil Tank Level Gauge SMC	JISB2401 P-4	1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
10	74451528 P586563123	One Touch Fitting SMC	KQ2L08-01S (Reducer Elbow)	1
11	74470333 P585563015	Bite Type Pipe Fitting SMC	DL08-02	1
12	74903273 P553072013	Regulator SMC	ARP20-02BE-1R DU-axis	1

Unit No. 56 Lubrication EU <Oil Tank ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
14	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	1
15	74420282 P586563141	One Touch Fitting SMC	KQ2VD08-02S	1
16	74903082 P230235090	Plastic Hose SMC	TU0805B-0.3M	1
17	74903108 P238028012	Lubricating Oil KOHZAI	#3000-1L DU-axis	1
18	74903080 P230233191	Plastic Hose JUNKOSHA	AS435-08(White)-4M	1
19	74903294 P560518001	Oil Tank SMC	ALT20-S1 Index 20-23	1
20	74400629 S420399---	Filler Plug ASSY SMC	12314PA	1
21	74402045 SPT0179---	Upper Cover ASSY SMC	12761A	1
22	74402046 SPT0180---	Oil Tank Level Gauge SMC	1231263	1
23	74902955 SPT0181---	O Ring for Oil Tank Level Gauge SMC	JISB2401 P-4	1
24	74183604 P330210003	Hex Socket Cap Screw	M5X10	3

Unit No. 56 Lubrication EU <Oil Tank ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903315	Bite Type Pipe Fitting	KFL04-02	1
	P585563036	SMC		
26	74777048	One Touch Fitting	KQ2L06-01S (Elbow Union)	2
	P586623031	SMC		
27	74903270	Air Pressure Valve	AR20-01BE-R	1
	P553002184	SMC		
28	74183604	Hex Socket Cap Screw	M5X10	2
	P330210003			
29	74903331	One Touch Fitting	KQ2VD08-01S	1
	P586563220	SMC		
30	74903076	Plastic Hose	TU0604B-0.3M	1
	P230225104	SMC		
31	74389482	Lubricating Oil	1L	1
	P238025010	AMADA		
32	74902334	Cable DU-4		1
	MA02584--A		List Only	
33	74902289	Cable ARB1		1
	MA01547--A		List Only	



(1) DU Drain Collect ASSY

MA01357---

Unit No. 57 Lubrication EU <DU Drain Collect ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01357---	DU Drain Collect ASSY	Index 2-13	1
2	74902277 MA01361--A	DU Drain Catch Cover		1
3	74568319 P330468011	Flange Socket Bolt NISSAN NEJI	M8X10	2
4	74903241 P370028002	Beaker TRUSCO NAKAYAMA	0514	1
5	74903326 P586563156	One Touch Fitting SMC	KQ2L12-00	4
6	74903092 P230252093	Plastic Hose NITTA MOORE	N2-4-12X9(Black)-0.15M	1
7	74903090 P230252051	Plastic Hose NITTA MOORE	N2-4-12X9(Black)-1.5M	1
8	74381284 P381058037	Cable Band SHIBAKEI	CV-125N List Only	1
9	74903091 P230252064	Plastic Hose NITTA MOORE	U2-4-12X8(Black)-0.6M List Only	1
10	74902602 MA04013---	Oil Pump Bracket	List Only	1
11	74903333 P586565033	One Touch Fitting JUNKOSHA	PLBM-12-PT1/8-PM List Only	2
12	74613394 P586533118	One Touch Fitting SMC	KQ2L10-01S List Only	1

Unit No. 57 Lubrication EU <DU Drain Collect ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74561091	One Touch Fitting	KQT10-00	1
	P586603009	SMC	List Only	

< List Only >

CE01680---

Unit No. 58 Electric BF <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01680---	Electrical Wiring ASSY TSU	Index 2-52	1
2	74902343 MA02611--A	Cable S-2		1
3	74902344 MA02612--A	Cable S-9		1
4	74402047 WA00422---	Cable S-10		1
5	74902346 MA02614---	Cable S-11		1
6	74902347 MA02615---	Cable S-11A		1
7	74902348 MA02616--B	Cable S-15		1
8	74902349 MA02617--A	Cable S-32		1
9	74902350 MA02618--A	Cable S-37		1
10	74902351 MA02620---	Cable S-38		1
11	74902352 MA02623--A	Cable YF		1
12	74402048 CE00303---	Cable AO1		1

Unit No. 58 Electric BF <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902353 MA02624--A	Cable TMA		1
14	74902580 MA03811---	Cable EV42		1
15	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
16	74902354 MA02626--A	Cable EV43		1
17	74902355 MA02627---	Cable EV15		1
18	74902356 MA02628--A	Cable EV16		1
19	74902357 MA02629--A	Cable EV17		1
20	74902358 MA02630--B	Cable EV F		1
21	74402049 CE00740---	Cable TMY1		1
22	74402050 CE00741---	Cable TMY2		1
23	74402051 CE00742---	Cable TMY4		1
24	74402052 CE00743---	Cable EVY		1

Unit No. 58 Electric BF <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402053 CE00744---	Cable Q (Y)		1
26	74902373 MA02650--A	Cable J61		1
27	 CE03530---	Cable Kit TMX		1
28	 CE03531---	Cable Kit TMX		1
29	74902374 MA02661--A	Cable EVDU		1
30	74902375 MA02662--A	Cable TMDU1		1
31	74902376 MA02663--B	Cable TMDU2		1
32	74902379 MA02668--A	Cable TMY4B		1
33	74902378 MA02667---	Cable TMDU3		1
34	74402054 CE00316---	Jumper Connector TMF1		1
35	 6884915---	A-axis Motor Cable ASSY		1
36	74810581 3807359	Shield Tube		1

Unit No. 58 Electric BF <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74810582 6874113	Shield Tube		1
38	74183620 P330230004	Hex Socket Cap Screw	M8X15	7
39	74568662 P381058102	Cable Band KITAGAWA	PLT2S	30
40	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	11
41	74776743 P330220003	Hex Socket Cap Screw	M6X10	11
42	MA02572---	Foot Switch Cable ASSY		1
43	MA02574---	Striker Cable ASSY		1
44	3831354	Foot Switch ASSY		1
45	CE00839---	Cable Kit		1
46	74453215 3830254	Plate for Cable		1
47	74722756 P334500021	Button Head Screw	M8X25	2
48	74776797 P332000006	Nut JIS	M10	2

Unit No. 58 Electric BF <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74400957	Cable Bracket S-18		1
	WA00424---			
50	74776775	Flange Socket Bolt	M6X10	2
	P330468015	NISSAN NEJI		
51	74413038	Hex Socket Cap Screw	M3X10	4
	P330200003			
52	74183201	Nut	M3	4
	P332000001	JIS		

< List Only >

CE03530---

Unit No. 59 Electric BF <Cable Kit TMX>

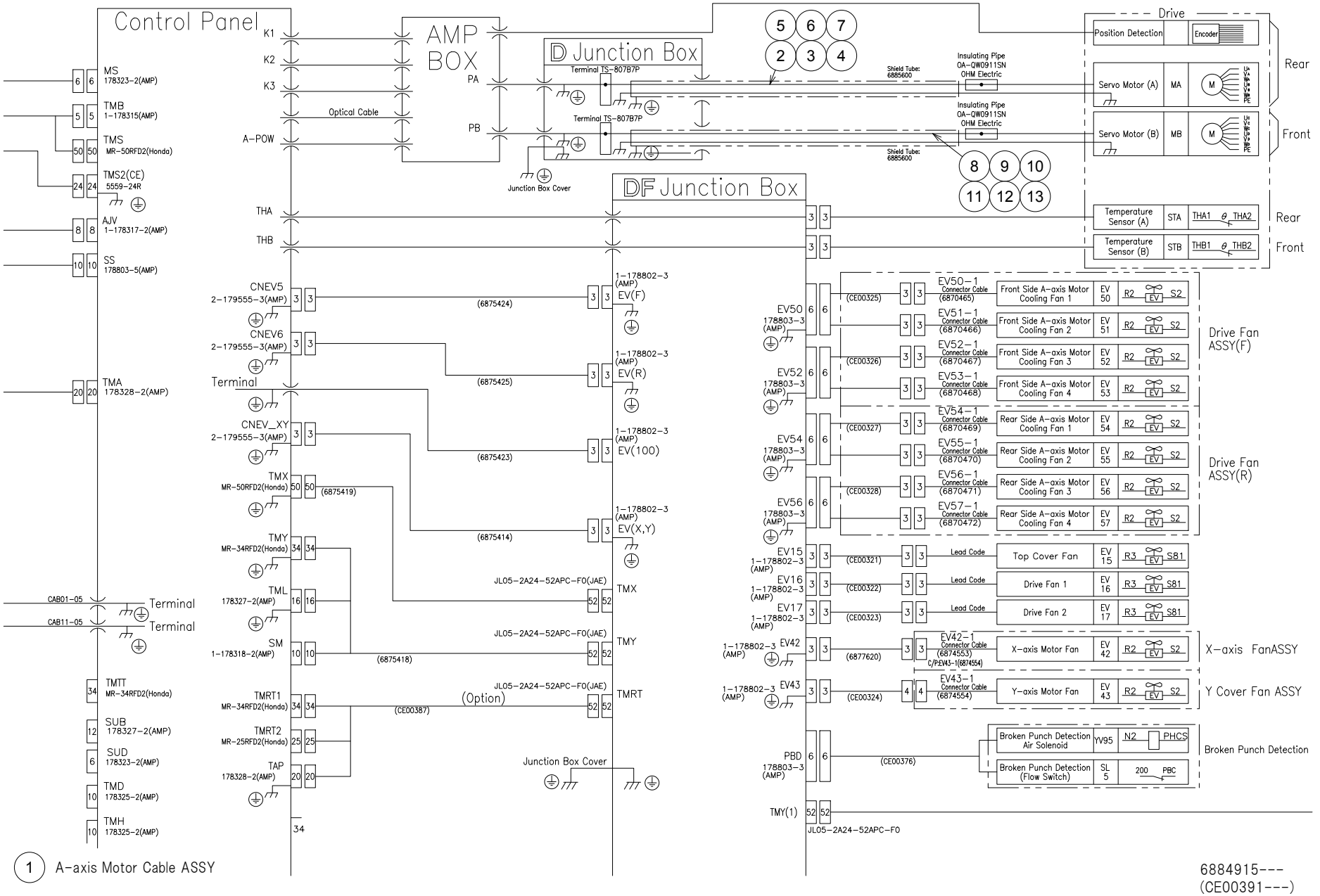
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03530---	Cable Kit TMX	Index 23	1
2	74902581 / MA03812---	Cable TMX1		1
3	74902582 / MA03813---	Cable TMX2		1

< List Only >

CE03531---

Unit No. 60 Electric BF <Cable Kit TMX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03531---	Cable Kit TMX	Index 23	1
2	74402055 / CE03532---	Cable TMX1		1
3	74402056 / CE03533---	Cable TMX2		1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AMP BOX
D Junction Box
DF Junction Box
Drive
Position Detection
Encoder
Servo Motor (A)
Servo Motor (B)
Rear
Front
Temperature Sensor (A)
Temperature Sensor (B)
Optical Cable
Terminal TS-807B7P
Shield Tube: 6885600
Insulating Pipe 0A-QW0911SN OHM Electric
Junction Box Cover
MS 178323-2(AMP)
TMB 1-178315(AMP)
TMS MR-50RFD2(Honda)
TMS2(CE) 5559-24R
AJV 1-178317-2(AMP)
SS 178803-5(AMP)
TMA 178328-2(AMP)
CAB01-05
CAB11-05
Terminal
TMTT MR-34RFD2(Honda)
SUB 178327-2(AMP)
SUD 178323-2(AMP)
TMD 178325-2(AMP)
TMH 178325-2(AMP)
K1
K2
K3
A-POW
PA
PB
THA
THB
CNEV5 2-179555-3(AMP)
CNEV6 2-179555-3(AMP)
CNEV_XY 2-179555-3(AMP)
TMX MR-50RFD2(Honda)
TMY MR-34RFD2(Honda)
TML 178327-2(AMP)
SM 1-178318-2(AMP)
TMRT1 MR-34RFD2(Honda)
TMRT2 MR-25RFD2(Honda)
TAP 178328-2(AMP)
1-178802-3 (AMP) EV(F)
1-178802-3 (AMP) EV(R)
1-178802-3 (AMP) EV(100)
1-178802-3 (AMP) EV(X,Y)
JL05-2A24-52APC-F0(JAE) TMX
JL05-2A24-52APC-F0(JAE) TMY
JL05-2A24-52APC-F0(JAE) TMRT
(Option)
(6875424)
(6875425)
(6875423)
(6875419)
(6875414)
(6875418)
(CE00387)
EV50 178803-3 (AMP)
EV52 178803-3 (AMP)
EV54 178803-3 (AMP)
EV56 178803-3 (AMP)
EV15 1-178802-3 (AMP)
EV16 1-178802-3 (AMP)
EV17 1-178802-3 (AMP)
1-178802-3 (AMP) EV42
1-178802-3 (AMP) EV43
PBD 178803-3 (AMP)
TMY(1)
JL05-2A24-52APC-F0
EV50-1 Connector Cable (6870465) Front Side A-axis Motor Cooling Fan 1 EV 50
EV51-1 Connector Cable (6870466) Front Side A-axis Motor Cooling Fan 2 EV 51
EV52-1 Connector Cable (6870467) Front Side A-axis Motor Cooling Fan 3 EV 52
EV53-1 Connector Cable (6870468) Front Side A-axis Motor Cooling Fan 4 EV 53
EV54-1 Connector Cable (6870469) Rear Side A-axis Motor Cooling Fan 1 EV 54
EV55-1 Connector Cable (6870470) Rear Side A-axis Motor Cooling Fan 2 EV 55
EV56-1 Connector Cable (6870471) Rear Side A-axis Motor Cooling Fan 3 EV 56
EV57-1 Connector Cable (6870472) Rear Side A-axis Motor Cooling Fan 4 EV 57
Drive Fan ASSY(F)
Drive Fan ASSY(R)
Lead Code Top Cover Fan EV 15
Lead Code Drive Fan 1 EV 16
Lead Code Drive Fan 2 EV 17
EV42-1 Connector Cable (6874553) X-axis Motor Fan EV 42
C/P:EV43-1(6874554)
EV43-1 Connector Cable (6874554) Y-axis Motor Fan EV 43
X-axis FanASSY
Y Cover Fan ASSY
Broken Punch Detection Air Solenoid YV95
Broken Punch Detection (Flow Switch) SL 5
Broken Punch Detection
(CE00325)
(CE00326)
(CE00327)
(CE00328)
(CE00321)
(CE00322)
(CE00323)
(6877620)
(CE00324)
(CE00376)
R2 EV S2
R3 EV S81
N2 PHCS
200 PBC
1 A-axis Motor Cable ASSY
6884915---
(CE00391---)

Unit No. 61 Electric BF <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6884915---	A-axis Motor Cable ASSY	Index 2-13	1
2	74400920 / 6885601---	A-axis Motor Cable UA		1
3	74400921 / 6885602---	A-axis Motor Cable VA		1
4	74400922 / 6885603---	A-axis Motor Cable WA		1
5	74400923 / 6885604---	A-axis Motor Cable UB		1
6	74400924 / 6885605---	A-axis Motor Cable VB		1
7	74400925 / 6885606---	A-axis Motor Cable WB		1
8	74400926 / 6885607---	A-axis Motor Cable UC		1
9	74400927 / 6885608---	A-axis Motor Cable VC		1
10	74400928 / 6885609---	A-axis Motor Cable WC		1
11	74400929 / 6885610---	A-axis Motor Cable UD		1
12	74400930 / 6885611---	A-axis Motor Cable VD		1

Unit No. 61 Electric BF <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400931 6885612---	A-axis Motor Cable WD		1

< List Only >

MA02572---

Unit No. 62 Electric BF <Foot Switch Cable ASSY>

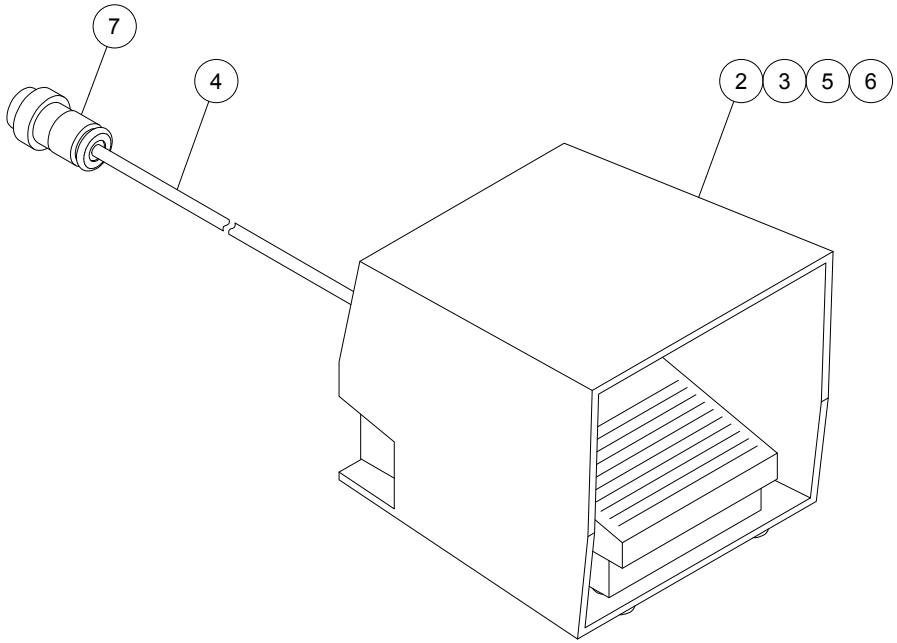
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02572---	Foot Switch Cable ASSY	Index 2-5	1
2	74902359 MA02631--A	Cable Y-1		1
3	74386689 P334520041	Flat Head Bolt NISSAN NEJI	M3X6	3
4	74307030 6018282	Connector Setting Plate		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2

< List Only >

MA02574---

Unit No. 63 Electric BF <Striker Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02574---	Striker Cable ASSY	Index 2-5	1
2	74902360 MA02632--A	Cable S-1		1
3	74570051 P334200109	Sems Pan Head Screw SANKO Industry	M3X10(Chromate P-4)	4
4	74578833 6532844 A	Connector Bracket		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2



(1) Foot Switch ASSY

3831354

Unit No. 64 Electric BF <Foot Switch ASSY>

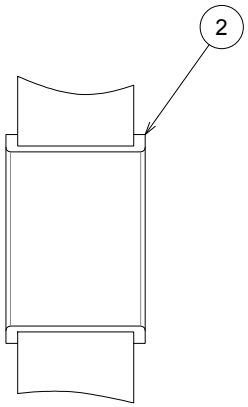
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Foot Switch ASSY		1
	3831354		Index 2-7	
2	74383747	Foot Switch	XPE-M510	1
	P826108001	Schneider Electric	with Index 3	
3	74902956	Contact Block	XE2S P4151	1
	SPT0182---	Schneider Electric		
4	74810545	Foot Switch Cable		1
	6872112			
5	74383748	Accessory for Limit Switch	DE9-PL116044	1
	P828108004	Schneider Electric		
6	74380391	Washer	DE9-PL116043	1
	P336238037	Schneider Electric		
7	74341418	Metallic Connector	NCS-253-PM	1
	P860002002	NANAHOSHI Electric		

< List Only >

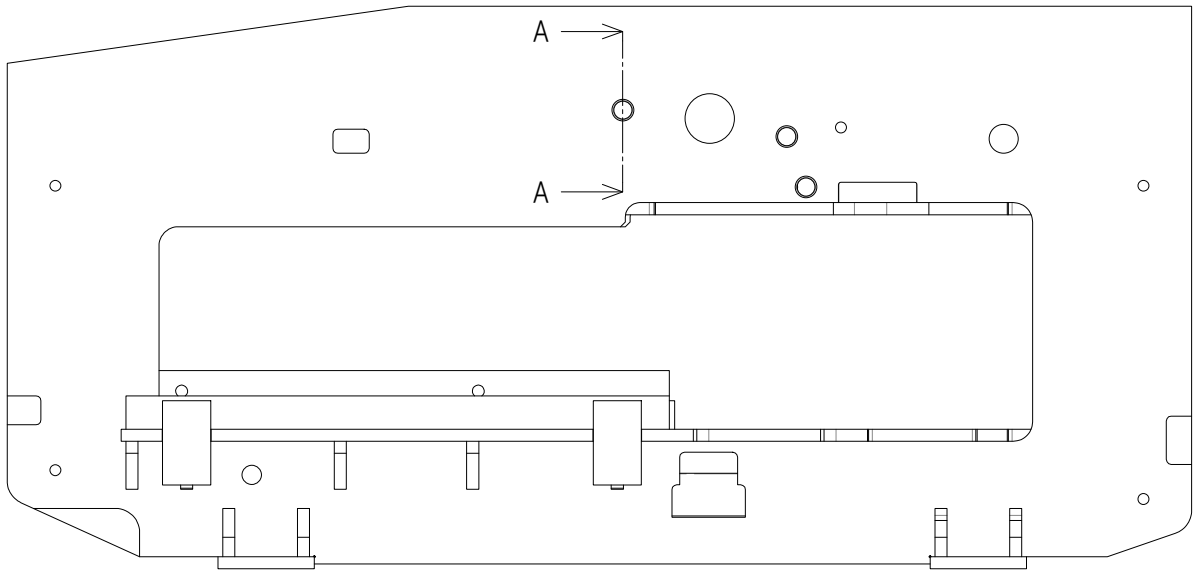
CE00839---

Unit No. 65 Electric BF <Cable Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable Kit		1
	CE00839---		Index 2	
2	74402057	Cable S-18 CE		1
	WA00425--A			



SECTION A-A



(1) Rubber Bushing Inset Drawing

CE01702---

Unit No. 66 Electric BF <Rubber Bushing Inset Drawing>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01702---	Rubber Bushing Inset Drawing	Index 2	1
2	74902306 / MA01618---	Rubber Bushing		7

< List Only >

CE01681---

Unit No. 67 Electric BF <Lower Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01681---	Lower Duct ASSY	Index 23	1
2	CE01693---	Duct ASSY BUFFER		1
3	CE01694---	Duct ASSY TSU Rack		1

< List Only >

CE01693---

Unit No. 68 Electric BF <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01693---	Duct ASSY BUFFER	Index 2-34	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74902327 MA02564---	Plate		2
5	74163306 P334500008	Button Head Screw JIS	M5X8	8
6	74402060 CE01695---	Cable KIT1	Index 7-13	1
7	74402061 CE01771---	Cable TMS1		1
8	74402062 CE01772---	Cable TMS2		1
9	74402063 CE01773---	Cable Q (S)		1
10	74402064 CE01774---	Cable J63		1
11	74402065 CE01775---	C-axis Signal Cable		1
12	74402066 CE01776---	T-axis Signal Cable		1

Unit No. 68 Electric BF <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402067 CE01777---	DU-axis Signal Cable		1
14	74402068 CE01696---	Cable KIT2	Index 15-17	1
15	74402069 CE01778---	C-axis Motor Cable		1
16	74402070 CE01779---	T-axis Motor Cable		1
17	74402071 CE01780---	Du-axis Motor Cable CE		1
18	74402072 CE01697---	Cable KIT3 BUFFER	Index 19-27	1
19	74402073 CE01781---	LAN Cable ID		1
20	74402074 CE01782---	LAN Cable TSU		1
21	74402075 CE01783---	CZ-axis Signal Cable 1		1
22	74402076 CE01784---	CX-axis Signal Cable 1		1
23	74402077 CE01785---	CD-axis Signal Cable 1		1
24	74402078 CE01786---	CR-axis Signal Cable		1

Unit No. 68 Electric BF <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402079 CE01787---	S-axis Signal Cable		1
26	74402080 CE01788---	Cable TMS3		1
27	74402081 CE01789---	Cable TMS4		1
28	74402082 CE01699---	Cable KIT4	Index 29-34	1
29	74402083 CE01792---	CX-axis Motor Cable 1		1
30	74402084 CE01793---	CZ-axis Brake Cable 1		1
31	74402085 CE01794---	CX-axis Motor Cable 1		1
32	74402086 CE01795---	CD-axis Motor Cable 1		1
33	74402087 CE01796---	CR-axis Motor Cable		1
34	74402088 CE01797---	S-axis Motor Cable		1

< List Only >

CE01694---

Unit No. 69 Electric BF <Duct ASSY TSU Rack>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01694---	Duct ASSY TSU Rack	Index 2-40	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74402089 CE01714---	Duct 3		1
5	74902327 MA02564---	Plate		2
6	74163306 P334500008	Button Head Screw JIS	M5X8	8
7	74776731 P330200037	Hex Socket Cap Screw JIS	M3X5	2
8	74402060 CE01695---	Cable KIT1	Index 9-15	1
9	74402061 CE01771---	Cable TMS1		1
10	74402062 CE01772---	Cable TMS2		1
11	74402063 CE01773---	Cable Q (S)		1
12	74402064 CE01774---	Cable J63		1

Unit No. 69 Electric BF <Duct ASSY TSU Rack>

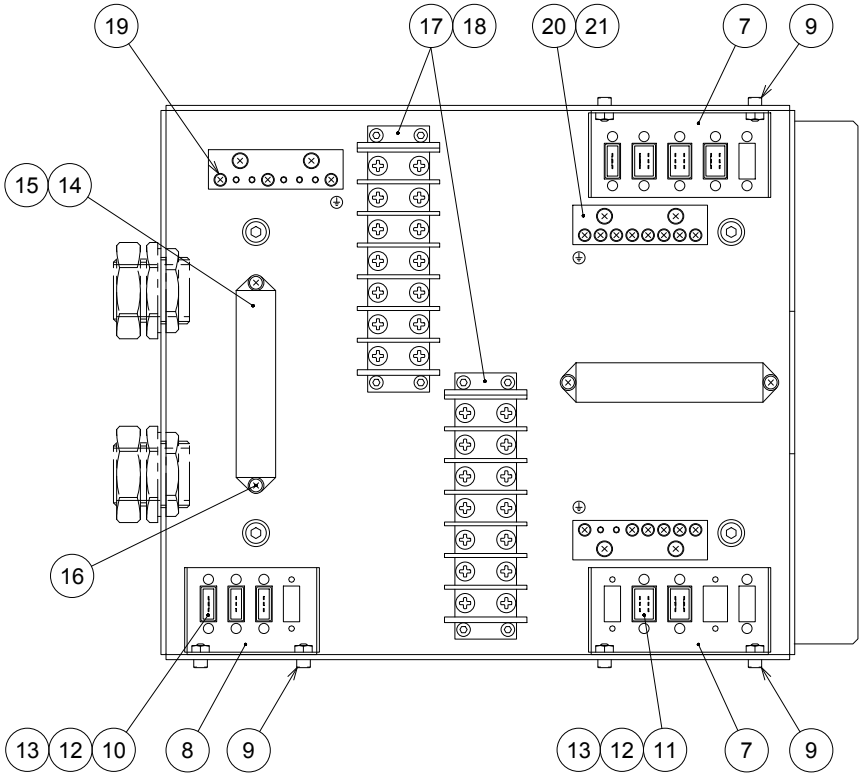
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402065 CE01775---	C-axis Signal Cable		1
14	74402066 CE01776---	T-axis Signal Cable		1
15	74402067 CE01777---	DU-axis Signal Cable		1
16	74402068 CE01696---	Cable KIT2	Index 17-19	1
17	74402069 CE01778---	C-axis Motor Cable		1
18	74402070 CE01779---	T-axis Motor Cable		1
19	74402071 CE01780---	Du-axis Motor Cable CE		1
20	74402090 CE01698---	Cable KIT3 (Rack)	Index 21-31	1
21	74402073 CE01781---	LAN Cable ID		1
22	74402074 CE01782---	LAN Cable TSU		1
23	74402075 CE01783---	CZ-axis Signal Cable 1		1
24	74402076 CE01784---	CX-axis Signal Cable 1		1

Unit No. 69 Electric BF <Duct ASSY TSU Rack>

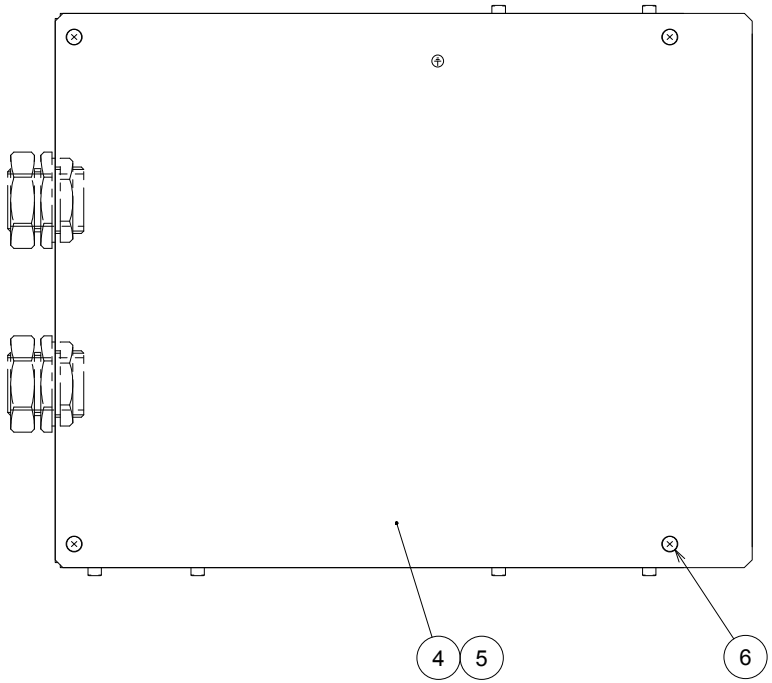
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402077 CE01785---	CD-axis Signal Cable 1		1
26	74402078 CE01786---	CR-axis Signal Cable		1
27	74402079 CE01787---	S-axis Signal Cable		1
28	74402080 CE01788---	Cable TMS3		1
29	74402081 CE01789---	Cable TMS4		1
30	74402091 CE01790---	Cable TMS5		1
31	74402092 CE01791---	Optical Fiber Cable Add Works COP9		1
32	74402082 CE01699---	Cable KIT4	 Index 33-38	1
33	74402083 CE01792---	CX-axis Motor Cable 1		1
34	74402084 CE01793---	CZ-axis Brake Cable 1		1
35	74402085 CE01794---	CX-axis Motor Cable 1		1
36	74402086 CE01795---	CD-axis Motor Cable 1		1

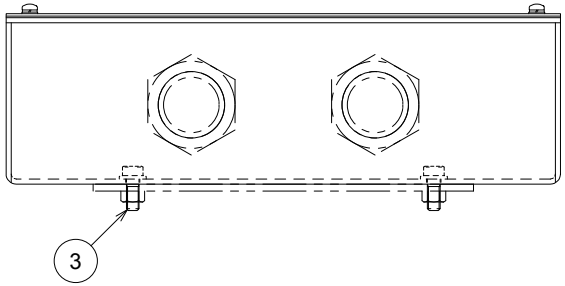
Unit No. 69 Electric BF <Duct ASSY TSU Rack>

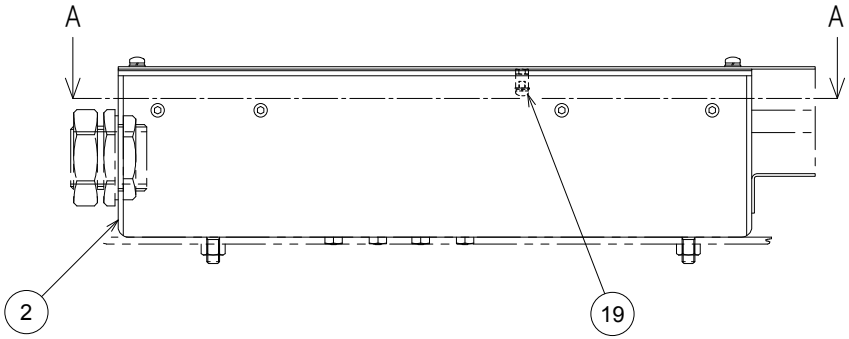
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402087 CE01796---	CR-axis Motor Cable		1
38	74402088 CE01797---	S-axis Motor Cable		1
39	74402093 CE01700---	Cable KIT5	 Index 40	1
40	74402094 CE01798--A	Cable TMRP (D)		1



SECTION A-A







(1) D Junction Box ASSY

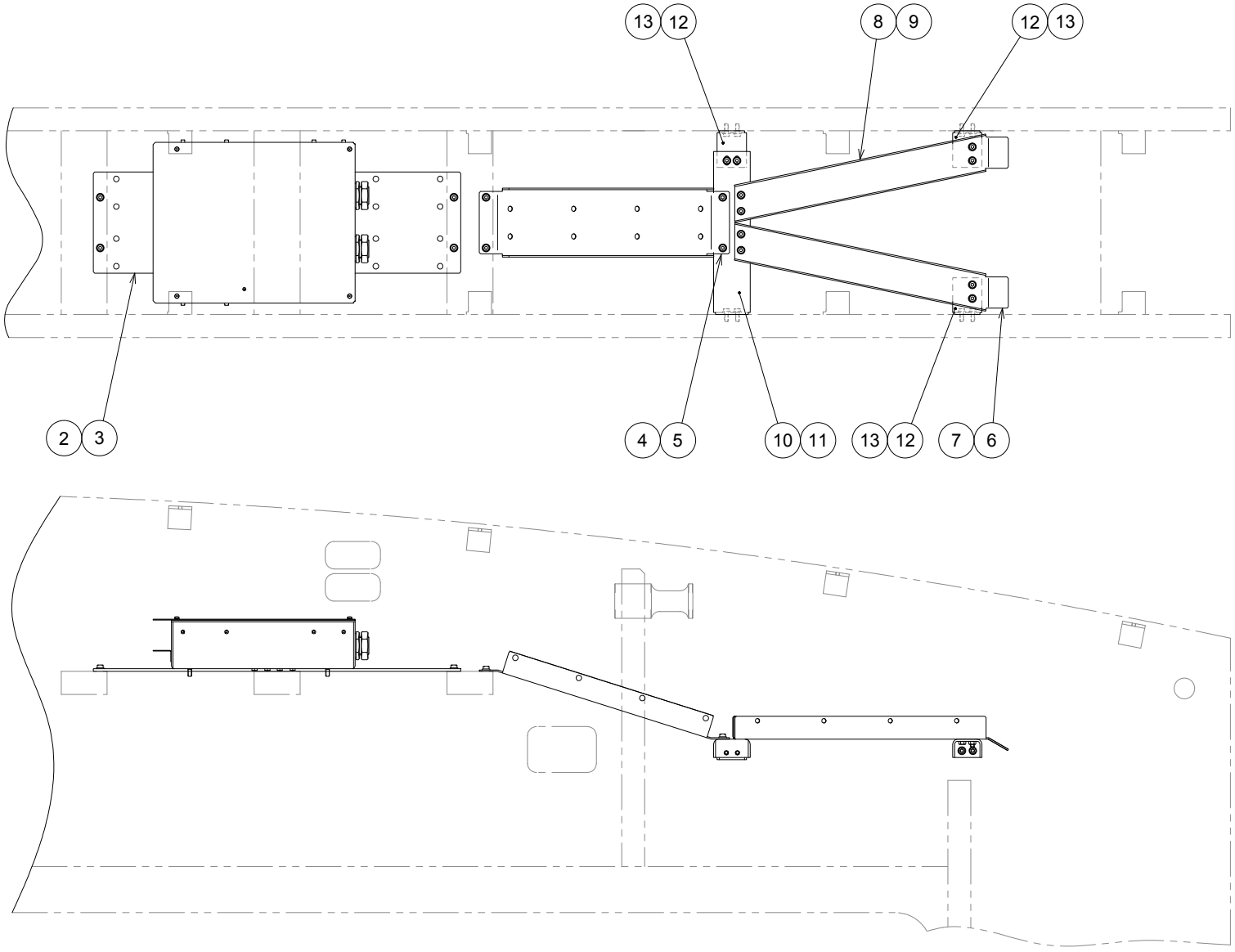
WA00420---

Unit No. 70 Electric BF <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00420---	D Junction Box ASSY	Index 2-21	1
2	74902702 MA05246---	Junction Box D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74418493 6875381	Junction Box D Cover		1
5	74418494 6875382	Packing D		1
6	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
7	74810591 3807346	Housing Plate D1		2
8	74415654 6828814	Housing Plate D2		1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
10	74386502 P862042073	Rectangle Connector AMP	1-178802-3	4
11	74386501 P862042068	Rectangle Connector AMP	178803-3	5
12	74489980 P862142029	Plug Type Terminal AMP	175289-2	42

Unit No. 70 Electric BF <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	18
14	74386224 P862138055	Rectangle Connector WEIDMULLER	KS10KRG/D10	2
15	74810592 P862148070	Plug Type Terminal WEIDMULLER	H1.5/16	24
16	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	4
17	74810593 QZZ044752	Terminal Block KIMURA Electric	TS807B7P	2
18	74314404 P330210009	Hex Socket Cap Screw	M5X20	8
19	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	24
20	74902489 MA03066---	Ground Bar		3
21	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	6



(1) D Junction Box Installation

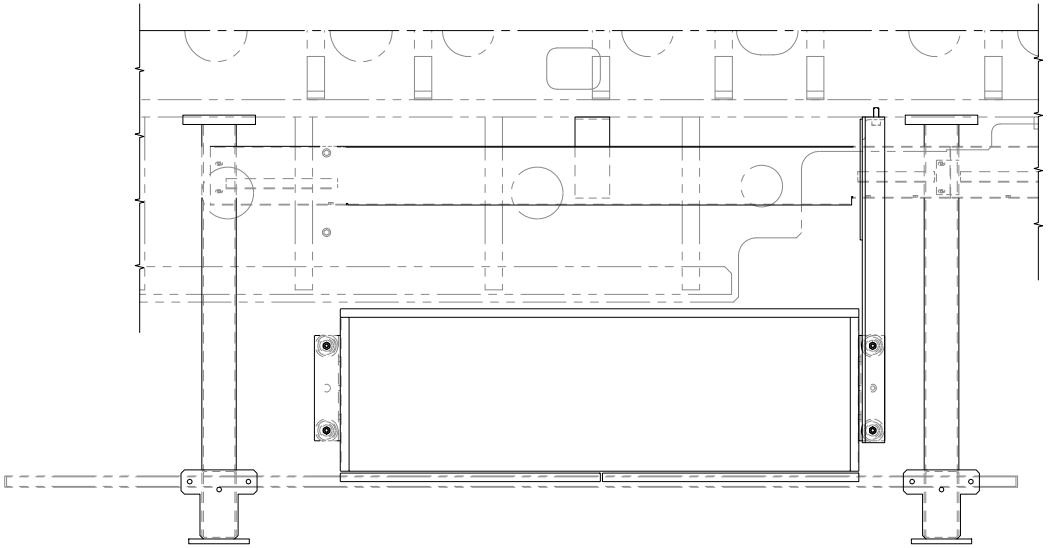
CE01760---
(3809365)

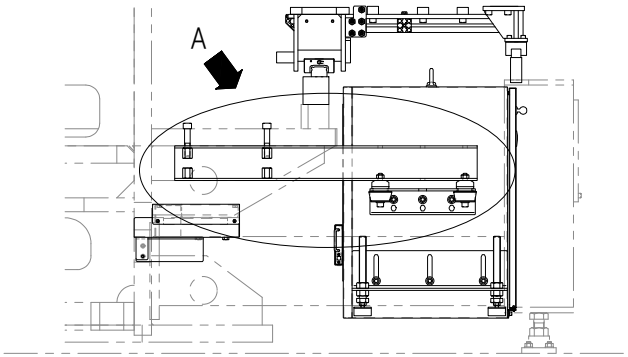
Unit No. 71 Electric BF <D Junction Box Installation>

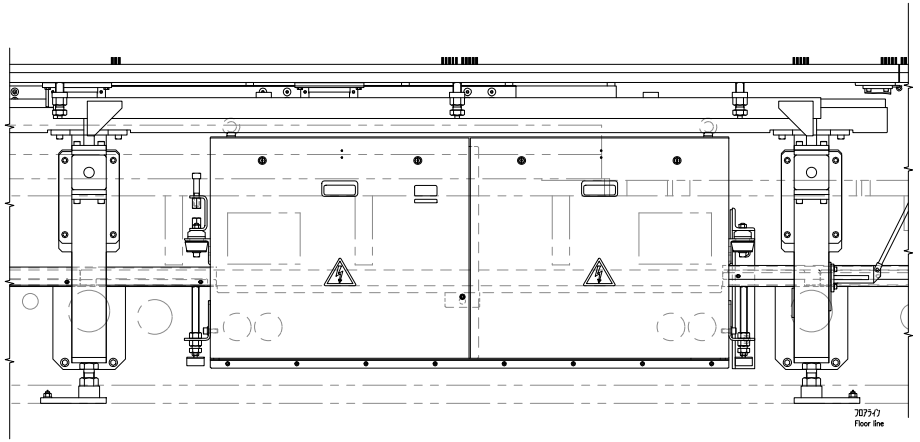
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01760---	D Junction Box Installation	Index 2-14	1
2	74811843 3809366	Junction Box Base D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74811844 3808330	Duct L		1
5	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
6	74402095 CE01761---	Duct S-F		1
7	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
8	74402096 CE01762---	Duct S-R		1
9	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
10	74811847 3809369	Duct Bracket L		1
11	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2
12	74811848 3809370	Duct Bracket S		3

Unit No. 71 Electric BF <D Junction Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74385450	Flange Socket Bolt	M8X20	6
	P330468001	NISSAN NEJI		
14	74568662	Cable Band	PLT2S	26
	P381058102	KITAGAWA	List Only	

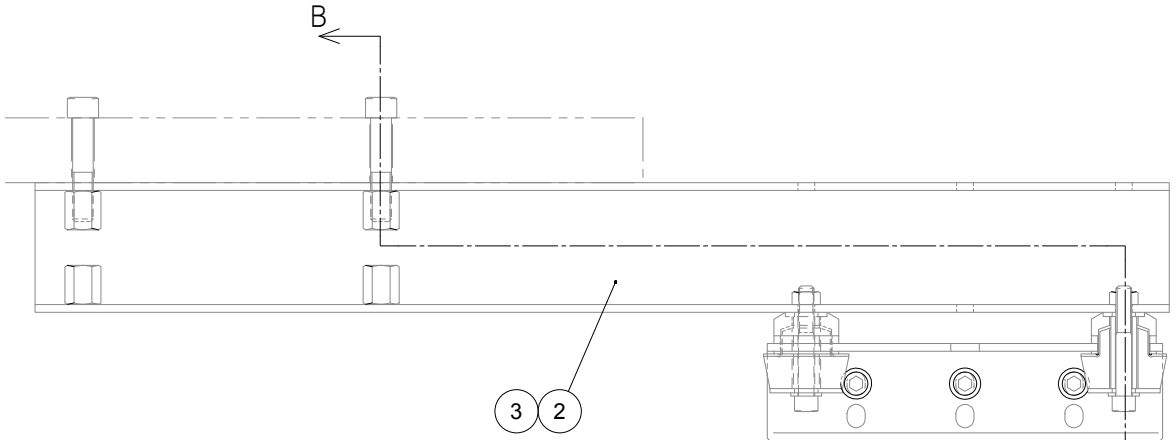




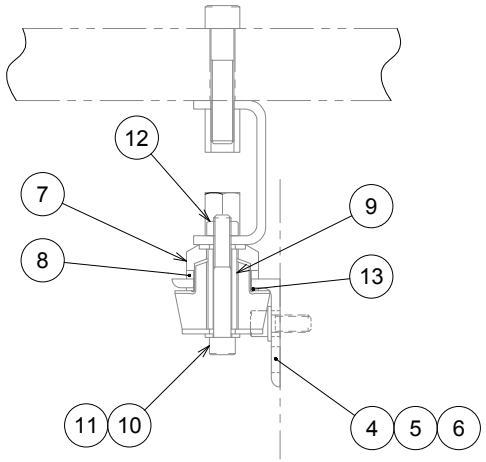


(1) Amplifier Box Installation

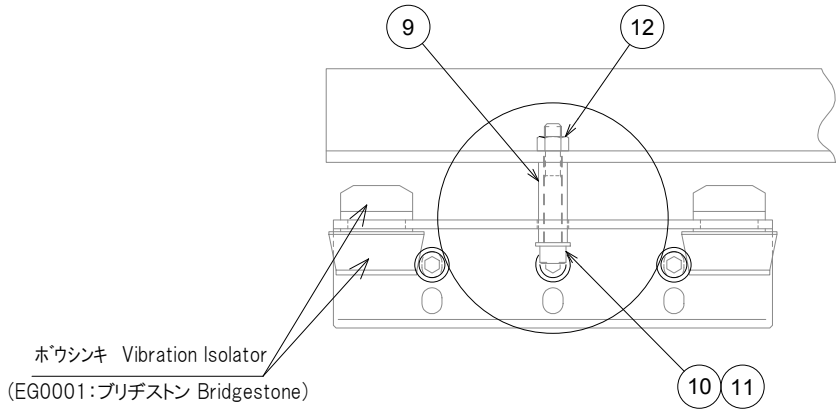
CE01682---
(6875368--B)



DETAIL A



SECTION B-B



＜アンプボック自立時＞
＜for Amplifier Box Self-standing＞

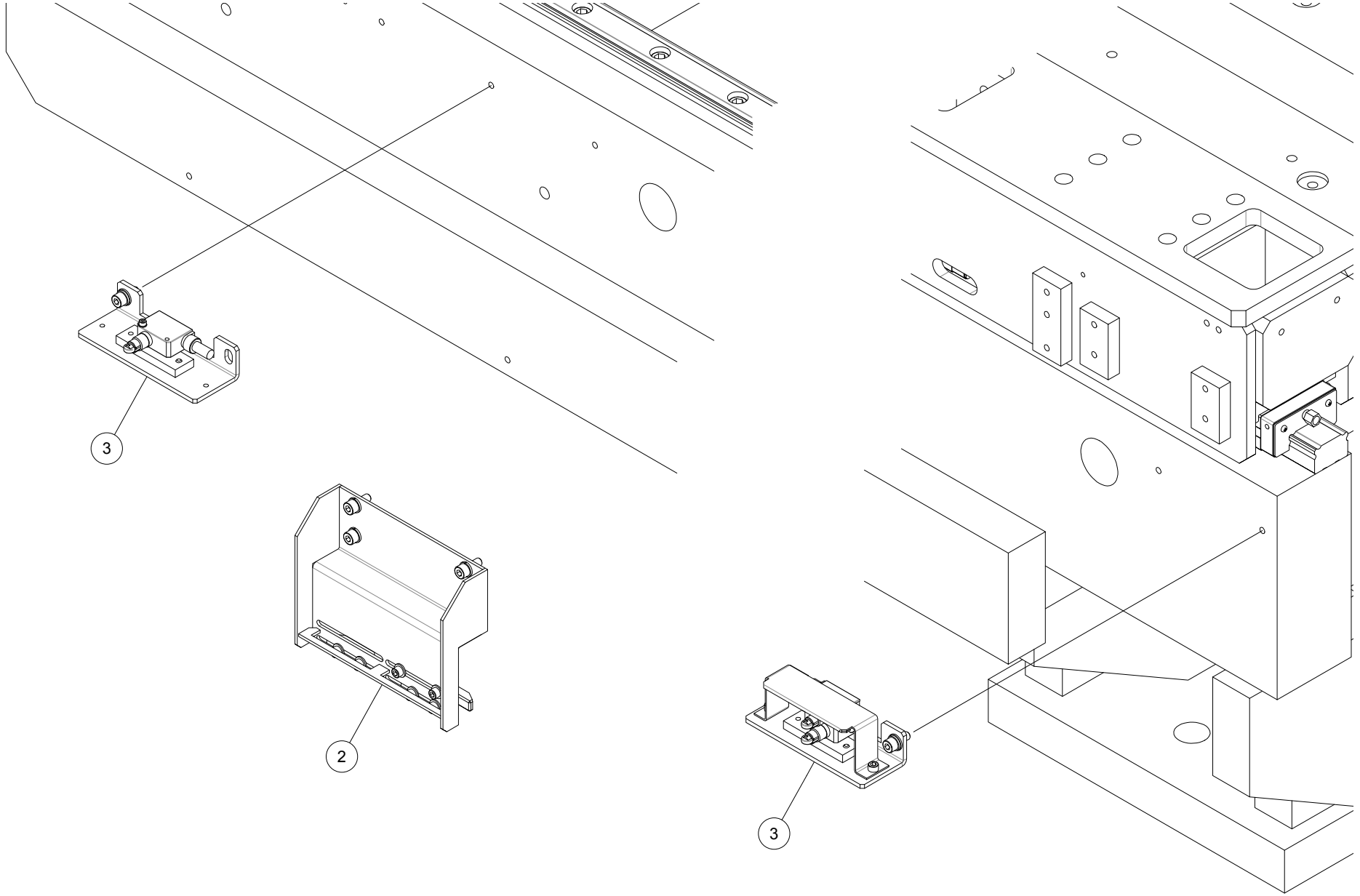
CE01682---
(6875368--B)

Unit No. 72 Electric BF <Amplifier Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01682---	Amplifier Box Installation	Index 2-13	1
2	74400938 6875786--B	Amplifier Box Arm L		2
3	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
4	74418523 6875787	Amplifier Box Bracket	L75X75X6	2
5	74183656 P330250005	Hex Socket Cap Screw	M12X30	6
6	74183031 P336000008	Washer JIS	12(Normal)	6
7	74732000 P382003012	Vibration Isolator BRIDGESTONE	EG0001	4
8	74418524 6875788	Spacer T6		4
9	74418525 6875789	Collar (Amplifier Box)	D20XT3.5	4
10	74903126 P330250016	Hex Socket Cap Screw MOURI	M12X85	4
11	74183031 P336000008	Washer JIS	12(Normal)	4
12	74776798 P332000007	Nut JIS	M12	4

Unit No. 72 Electric BF <Amplifier Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74418526 6875784	Spacer T2		4

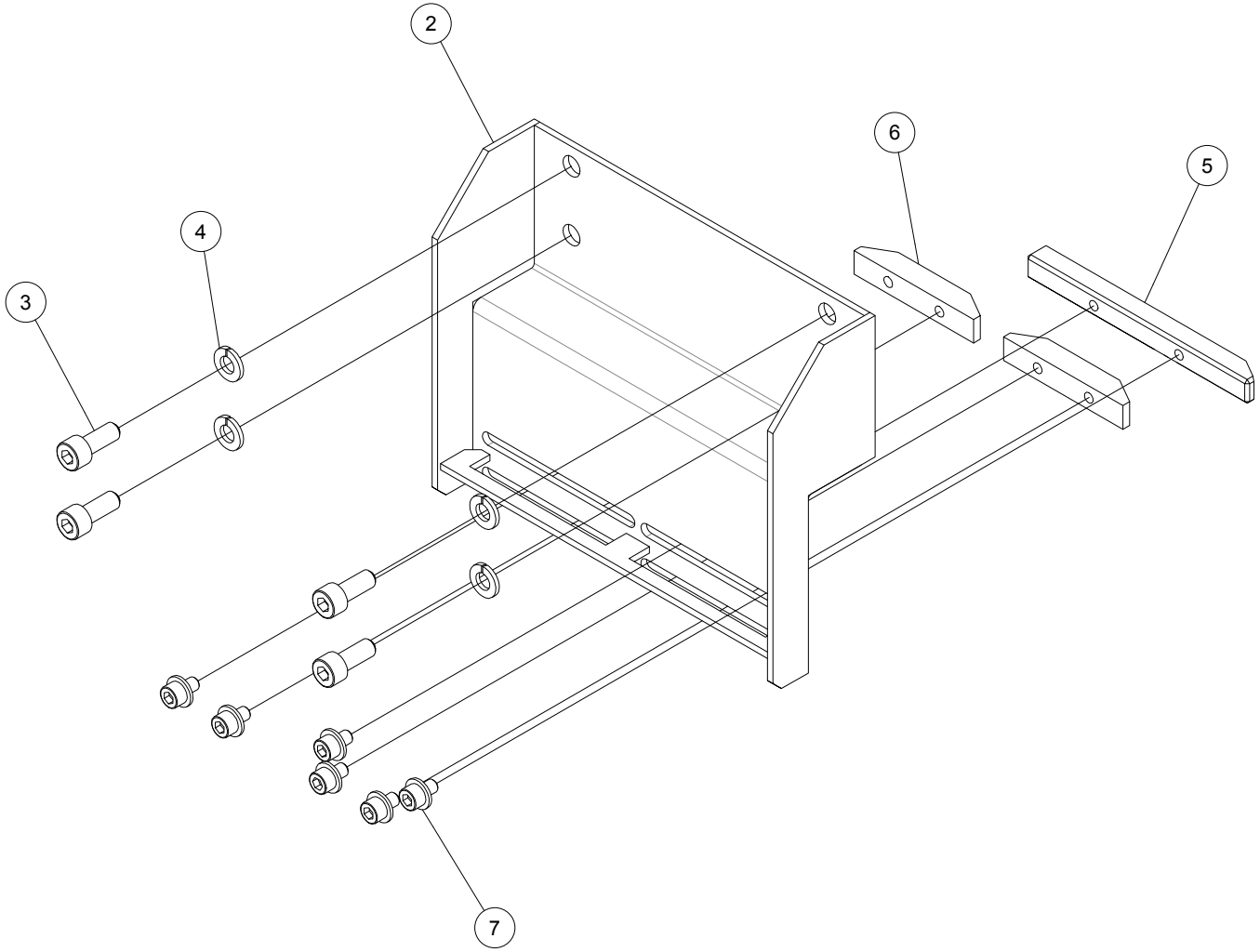


(1) Y-axis LS ASSY

CE01683---

Unit No. 73 Electric BF <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01683---	Y-axis LS ASSY	Index 23	1
2	3809362	Y-axis Dog Bracket ASSY		1
3	MA01592---	Y-axis LS ASSY		1

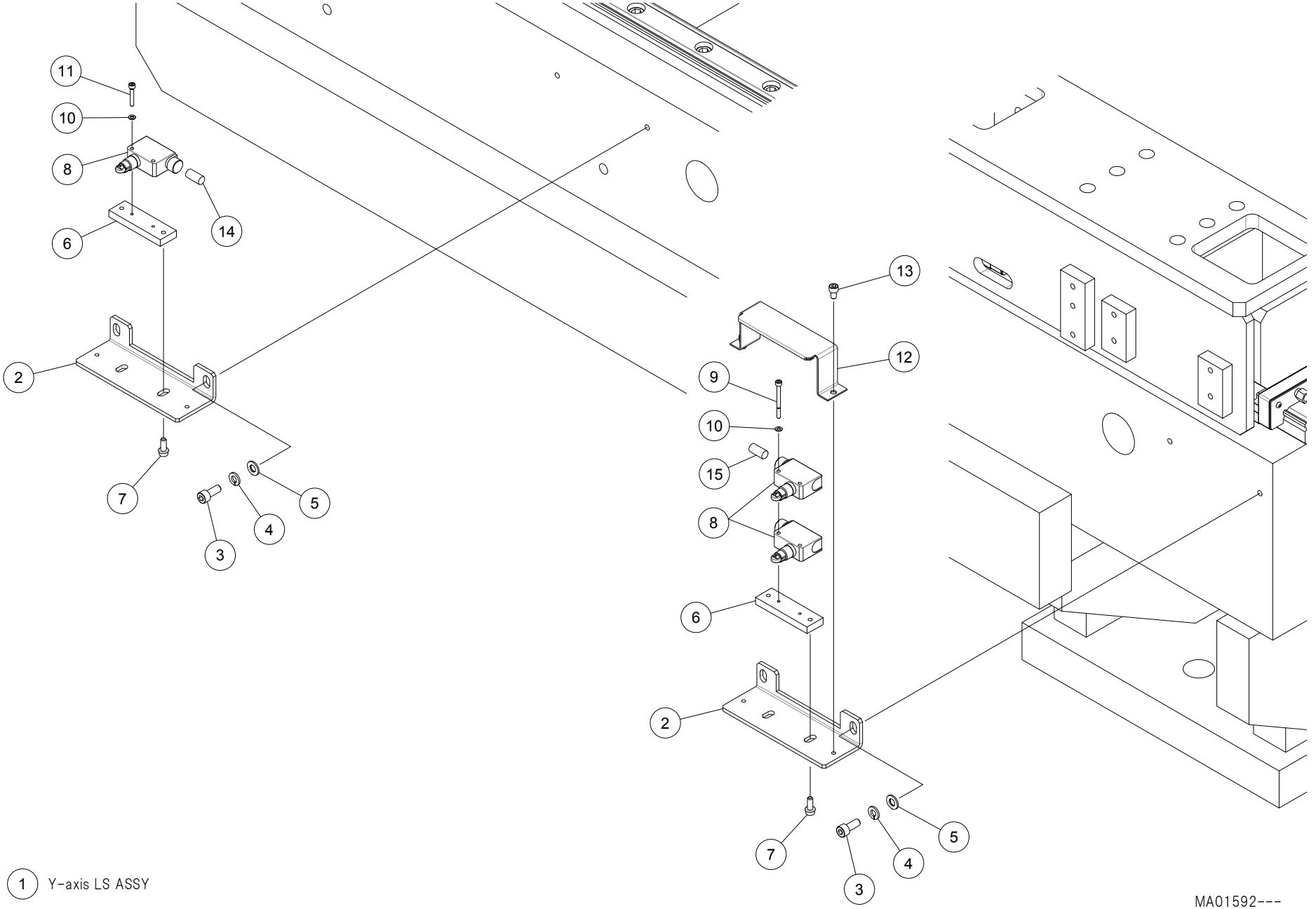


(1) Y-axis Dog Bracket ASSY

3809362

Unit No. 74 Electric BF <Y-axis Dog Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3809362	Y-axis Dog Bracket ASSY	Index 2-7	1
2	74811853 3806966 A	Dog Bracket Y		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74570055 6813013	Dog		1
6	74306902 0818707 A	Dog OT		2
7	74379265 P330498009	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M6X10	6



1 Y-axis LS ASSY

Unit No. 75 Electric BF <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01592---	Y-axis LS ASSY	Index 2-15	1
2	74811854 3806962 A	LS Bracket Y		2
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74183027 P336000006	Washer JIS	8(Normal)	4
6	74810435 3806963	Adjust Plate	F25X9-80	2
7	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
8	74560182 P828013013	Limit Switch YAMATAKE	SL1-A-E SQ253233	3
9	74567257 P330200026	Hex Socket Cap Screw MOURI	M4X45	2
10	74183022 P336000003	Washer JIS	4(Small Round)	4
11	74314402 P330200022	Hex Socket Cap Screw	M4X25	2
12	74810436 3806964	LS Cover +Y		1

Unit No. 75 Electric BF <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
14	74902301 MA01595---	Cable Y-2	(SQ32)	1
15	74902302 MA01596---	Cable Y-3	(SQ3325)	1

< List Only >

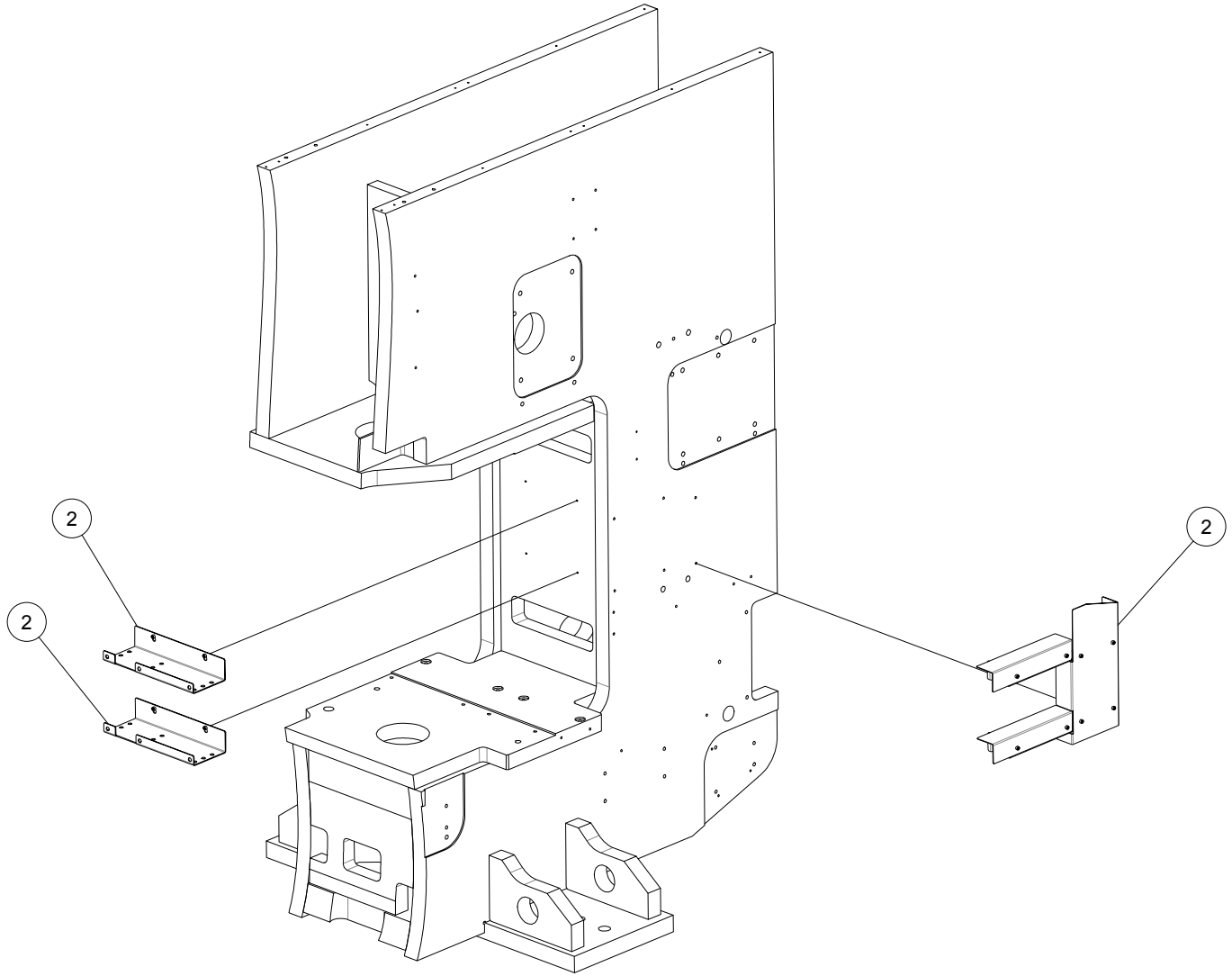
CE00725---

Unit No. 76 Electric BF <NC Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00725---	NC Installation	Index 2-22	1
2	74402097 CE00773---	NC Base		1
3	74183664 P330260036	Hex Socket Cap Screw	M16X60	4
4	74183032 P336000010	Washer JIS	16(Normal)	4
5	74562364 P382002035	Vibration Isolator KURASHIKI KAKO	KLB-5060	6
6	74183029 P336000007	Washer JIS	10(Normal)	6
7	74183621 P330230006	Hex Socket Cap Screw	M8X20	12
8	74183027 P336000006	Washer JIS	8(Normal)	12
9	74402098 CE00764---	Stay 1		1
10	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
11	74402099 CE00765--A	Stay 2		1
12	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2

Unit No. 76 Electric BF <NC Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304912 P330230020	Hex Socket Cap Screw	M8X90	2
14	74776796 P332000005	Nut JIS	M8	4
15	74341016 818904	Rubber Holder		2
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	8
17	74385397 P229242002	Rubber Cushion KURASHIKI KAKO	KK-3512-50	2
18	74419136 6875410	Pipe		2
19	74385399 6593617	Level Bolt		4
20	74300508 P332000012	Nut JIS	M30	4
21	74570064 P384022021	Level Adjuster TAKIGEN	KC-280-0	4
22	74776799 P332000010	Nut JIS	M20	4

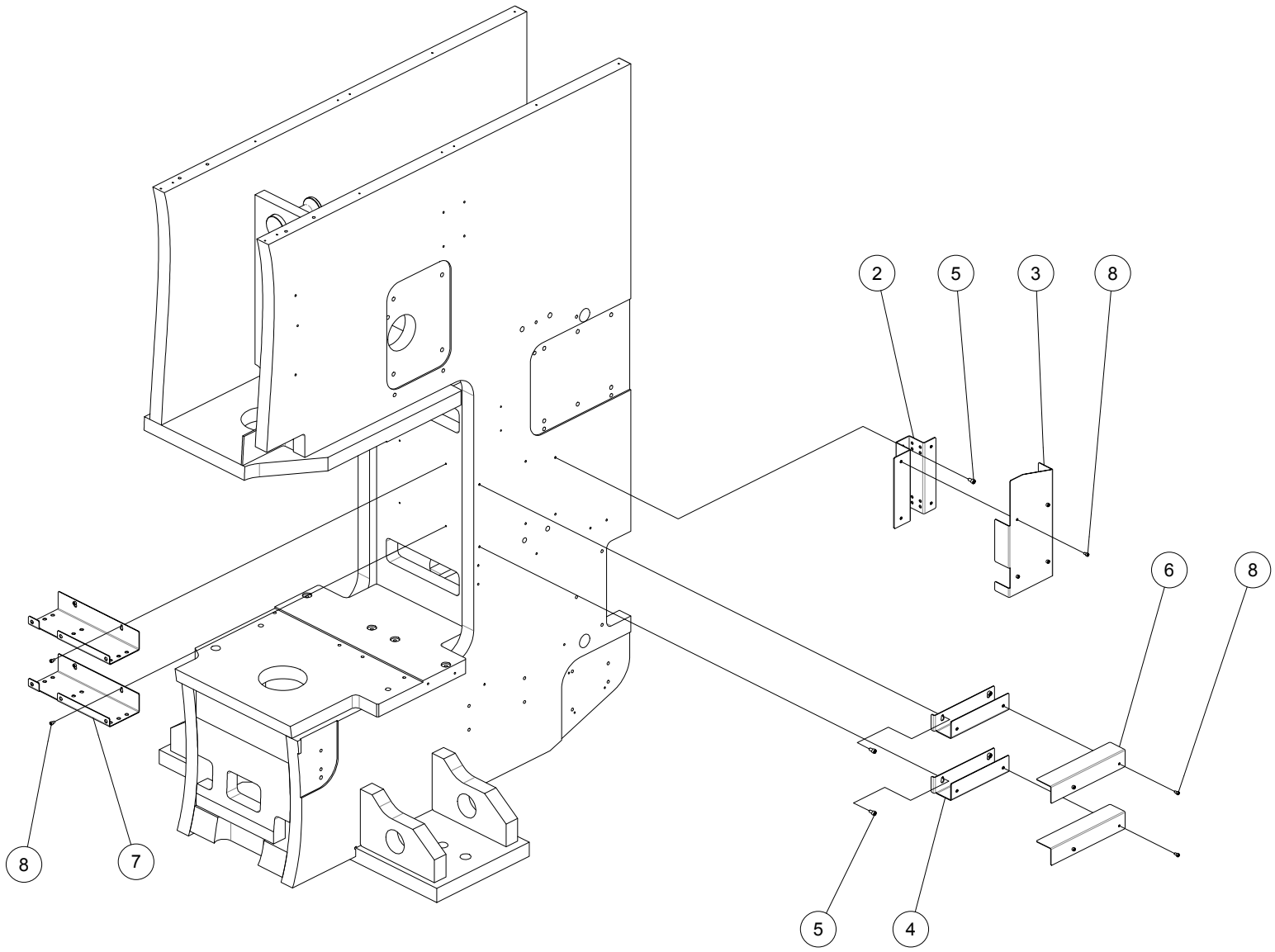


(1) Rear Duct Cover Installation TSU

CE01684---
(MA01300---)

Unit No. 77 Electric BF <Rear Duct Cover Installation TSU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01684---	Rear Duct Cover Installation TSU	Index 2	1
2	CE01701---	Duct S ASSY		1

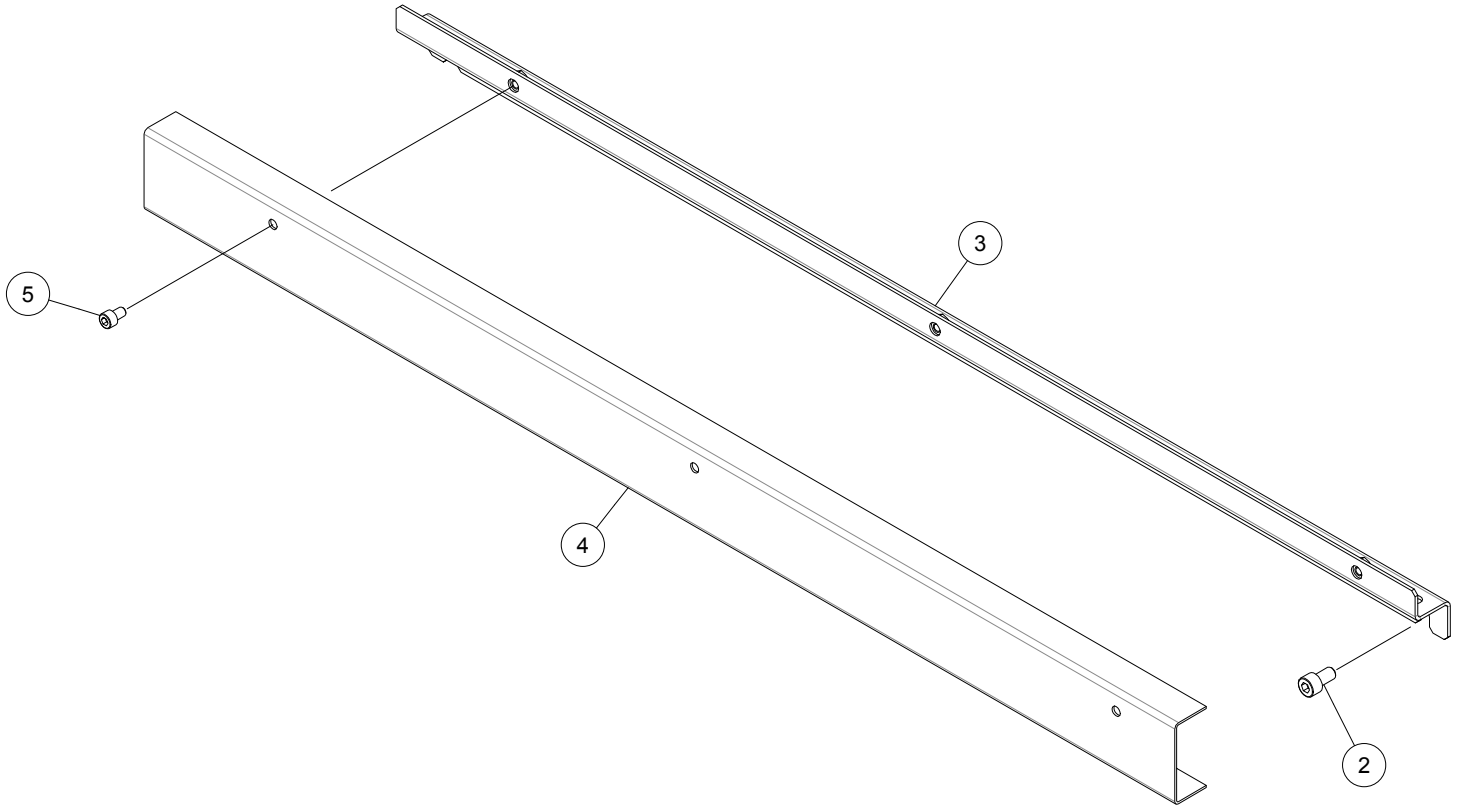


(1) Duct S ASSY

CE01701---
(MA01312---)

Unit No. 78 Electric BF <Duct S ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01701---	Duct S ASSY	Index 2-9	1
2	74402100 MA01302--A	Duct for Wiring RL		1
3	74402104 MA01305--B	Wiring Cover RL		1
4	74902267 MA01303--B	Duct for Wiring RS		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
6	74902269 MA01306---	Wiring Cover RS		1
7	74902270 MA01314--A	Duct for Wiring FR		1
8	74776743 P330220003	Hex Socket Cap Screw	M6X10	8
9	74402105 CE01724--A	Plate for Cable	List Only	1

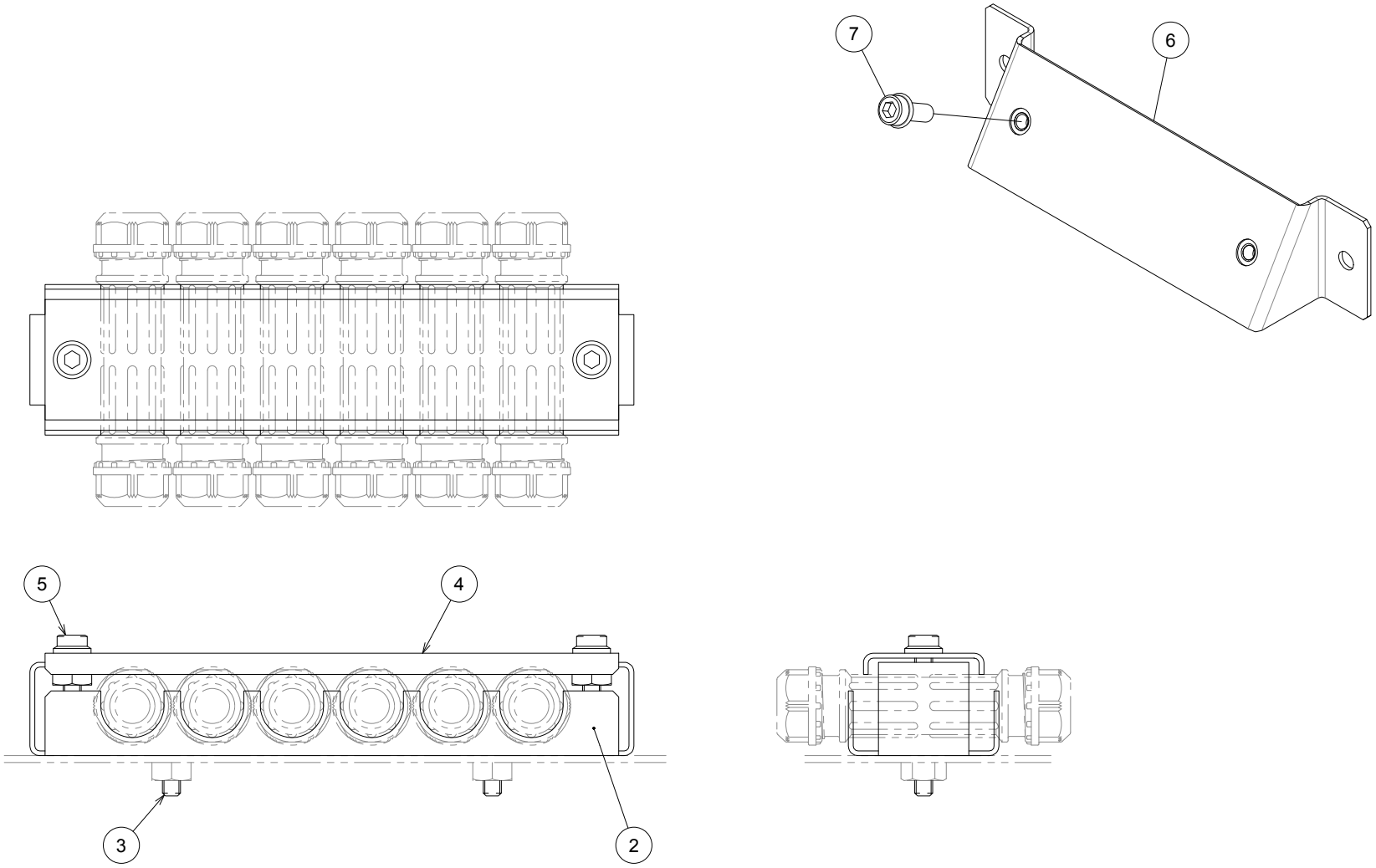


(1) Duct DU ASSY

CE01685---

Unit No. 79 Electric BF <Duct DU ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01685---	Duct DU ASSY	Index 2-5	1
2	74183620 / P330230004	Hex Socket Cap Screw	M8X15	2
3	74402106 / CE01722---	Duct Du		1
4	74402107 / CE01723---	Duct Cover Du		1
5	74776743 / P330220003	Hex Socket Cap Screw	M6X10	3



(1) A-axis Wiring ASSY

MA03796---

Unit No. 80 Electric BF <A-axis Wiring ASSY>

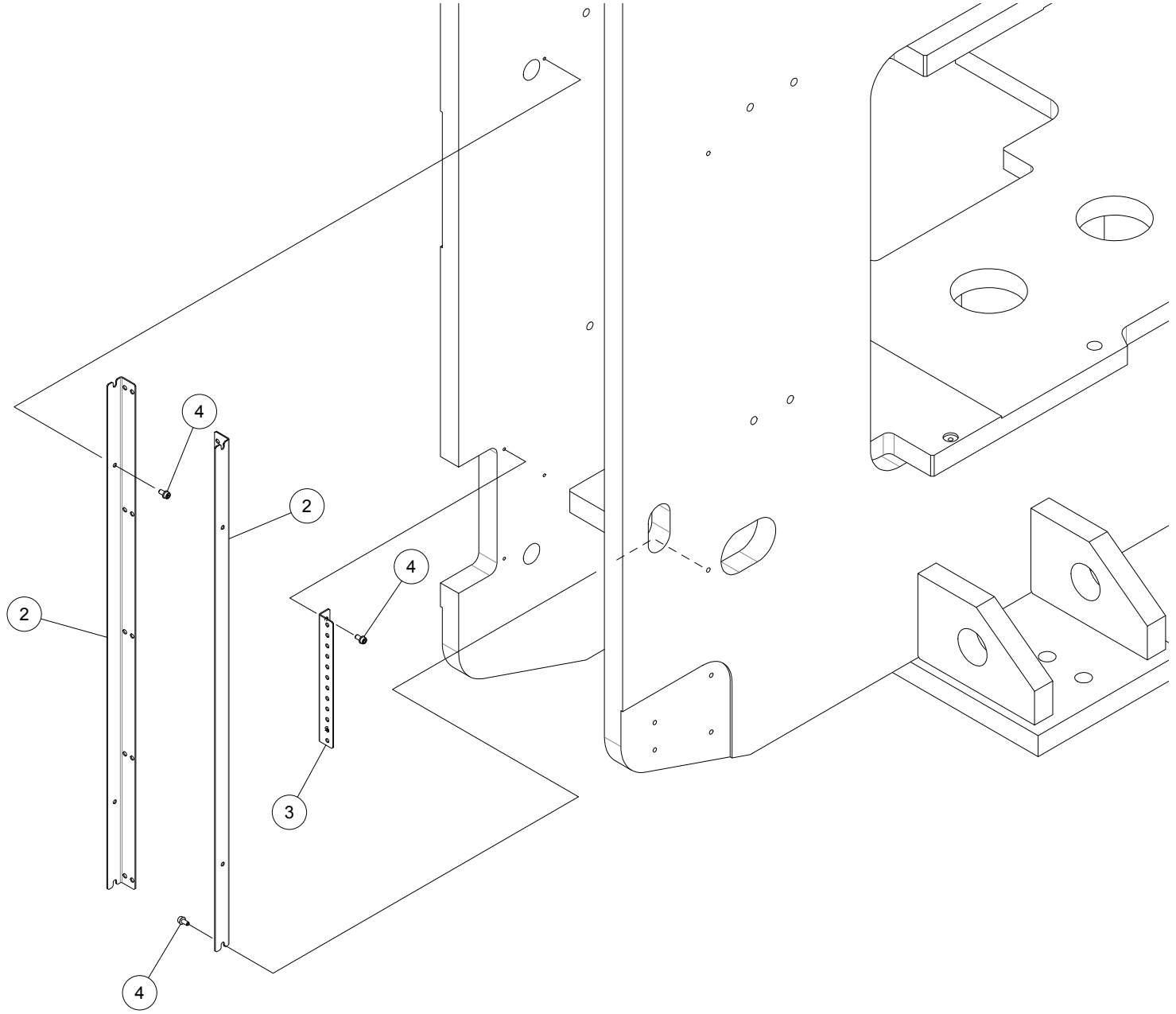
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03796---	A-axis Wiring ASSY	Index 2-7	1
2	74453229 3830416	Fixing Bracket 1		2
3	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
4	74453230 3830417 A	Fixing Bracket 2		2
5	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
6	74902403 MA02723---	Insulating Pipe Bracket		1
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2

< List Only >

CE01686---

Unit No. 81 Electric BF <Duct Cover for Wiring ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01686---	Duct Cover for Wiring ASSY	Index 2-12	1
2	74402111 CE01720---	Duct 2		1
3	74402112 CE01721---	Duct Cover 2		1
4	74902587 MA03819---	Duct 1		1
5	74902588 MA03820---	Duct Cover 1		1
6	74402113 CE00766---	Cable Base		1
7	74902325 MA02553---	Cable Branch Panel		1
8	74902326 MA02556--A	Cover		1
9	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	2
10	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	6
11	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	7
12	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	4



(1) Duct for Wiring T ASSY

MA03806---

Unit No. 82 Electric BF <Duct for Wiring T ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Duct for Wiring T ASSY		1
	MA03806---		Index 2-4	
2	74902328	Duct T		2
	MA02567---			
3	74902329	Duct for Wiring T		1
	MA02568---			
4	74382078	Flange Socket Bolt	M8X15	6
	P330468006	NISSAN NEJI		

< List Only >

CE00544---

Unit No. 83 Electric BF <Wiring Cover ASSY B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00544---	Wiring Cover ASSY B	Index 2-9	1
2	74902703 MA05250---	Cover Bracket S		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74902834 MA06621---	Wiring Cover S		1
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	3
6	74402114 MA06622---	Cover S		1
7	74183302 P334500013	Button Head Screw	M6X10	3
8	74402115 CE00767---	Wiring Cover Y		1
9	74183620 P330230004	Hex Socket Cap Screw	M8X15	3

< List Only >

MA05208---

Unit No. 84 Electric BF <Jumper Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05208---	Jumper Connector ASSY	Index 2-7	1
2	74902381 / MA02671--A	Jumper Connector L-1		1
3	74902382 / MA02672---	Jumper Connector S-13		1
4	74902342 / MA02610---	Jumper Connector S-60		1
5	74902626 / MA04201---	Jumper Connector S-46		1
6	74902627 / MA04202---	Jumper Connector S-48		1
7	74902628 / MA04203---	Jumper Connector SM		1

< List Only >

CE00728---

Unit No. 85 Electric BF <Motor Cable ASSY 3612>

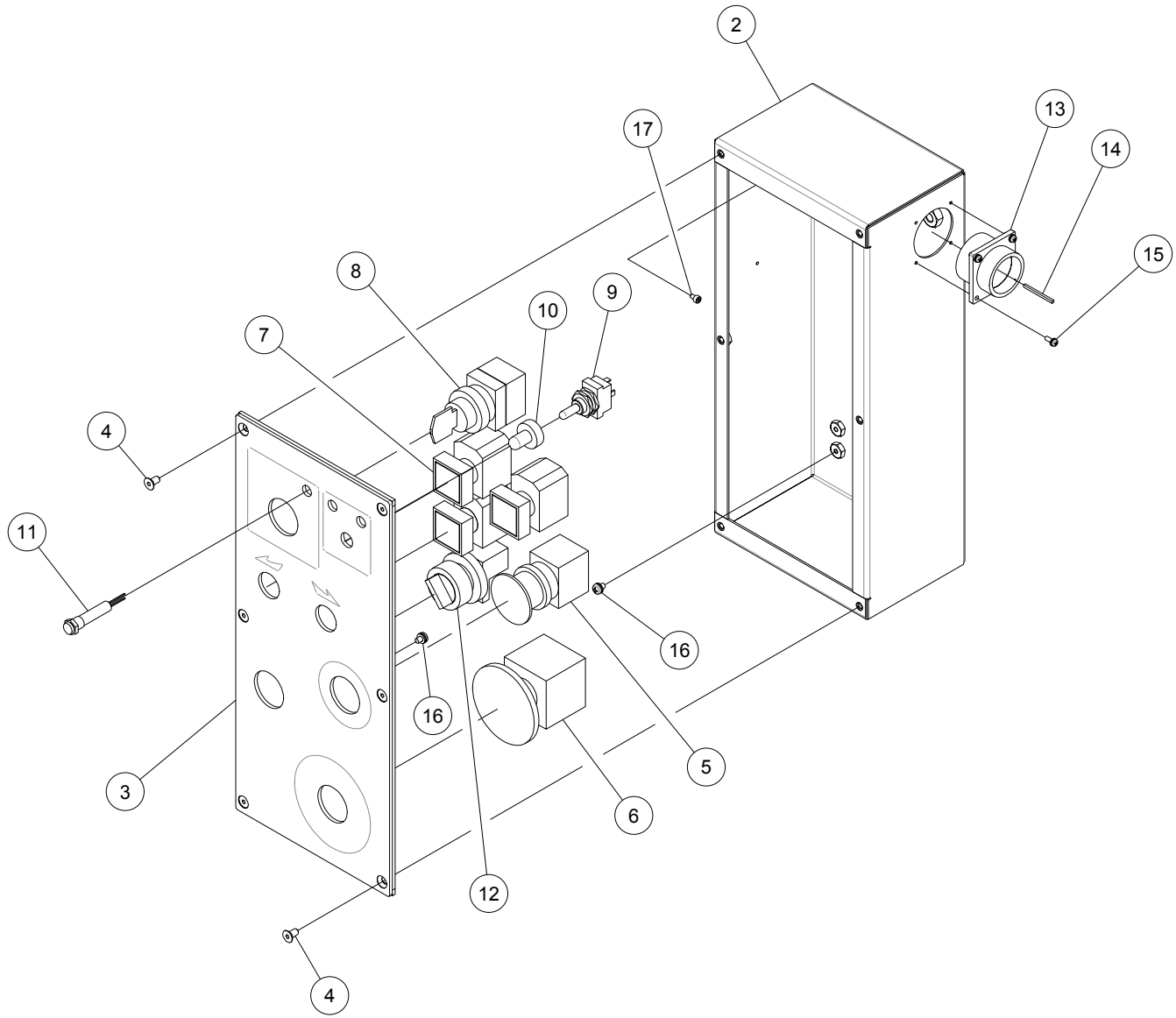
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00728---	Motor Cable ASSY 3612	Index 2-8	1
2	74402116 / CE00768---	X-axis Motor Cable		1
3	74402117 / CE00769---	X-axis Signal Cable		1
4	74402118 / CE00770---	YP-axis Motor Cable		1
5	74402119 / CE00771---	YP-axis Signal Cable		1
6	74902387 / MA02684--B	Thermal Sensor Cable TH		1
7	74902589 / MA03824--B	P Motor Cable PA		1
8	74902590 / MA03825--B	P Motor Cable PB		1

< List Only >

WA00373---

Unit No. 86 Electric BF <DU Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00373---	DU Cable ASSY	Index 2-6	1
2	74403042 MA04081--A	Cable TMDU		1
3	74902630 MA04213--A	Cable SPS6-1	(YV339)	1
4	74902623 MA04194---	Cable SPS6 (1)	Index 56	1
5	74382121 P557032011	Silencer SMC	AN120-M5	1
6	74903293 P558408005	Process Pump SMC	PB1011A-01-N YV339	1



(1) Sub Control Box ASSY

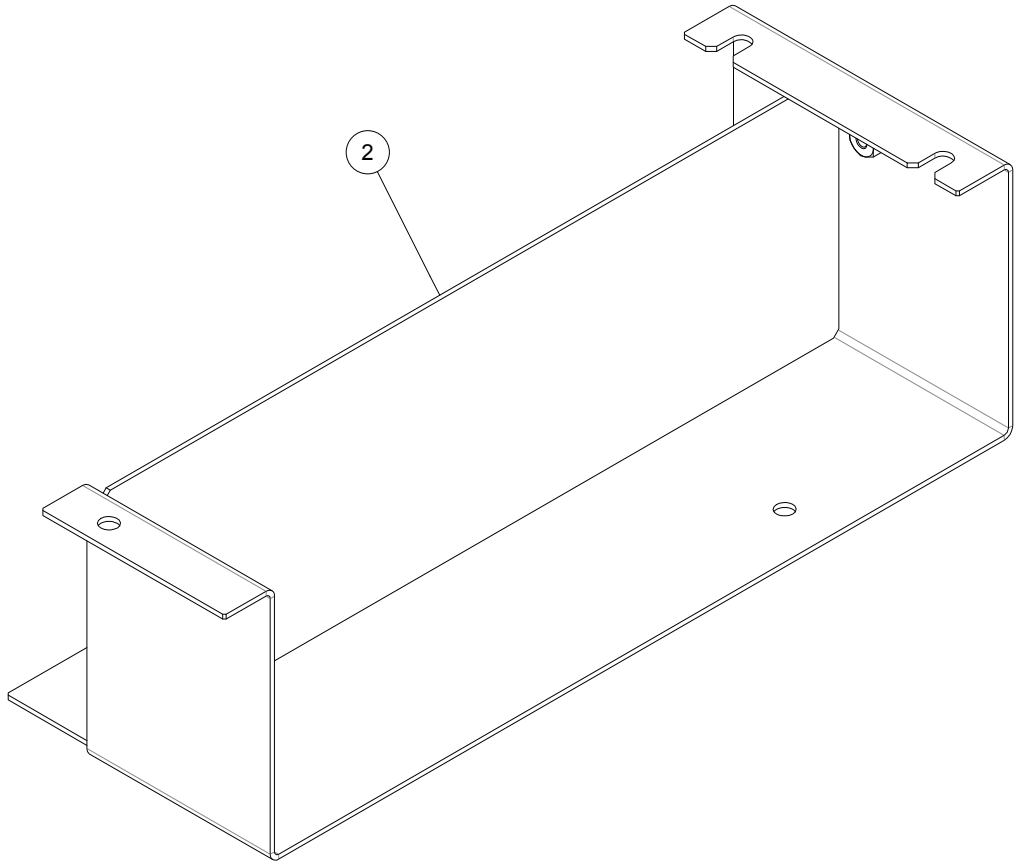
CE01688---
(MA03905---)

Unit No. 87 Electric BF <Sub Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box ASSY		1
	CE01688---		Index 2-17	
2	74902264	Sub Control Box		1
	MA01291---			
3	74402120	Name Plate		1
	CE01719---			
4	74377124	Flat Head Bolt	M5X10	6
	P334520006	NISSAN NEJI		
5	74568712	Push Button Switch	AR30V3R-01BZ235	1
	P821124128	FUJI Electric		
6	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
7	74570049	Push Button Switch	AR22F0S-10W-Z037	3
	P821084087	FUJI Electric		
8	74402121	Key Select Switch	AR30JR-2D10A	1
	P820014298	FUJI Electric		
9	74415121	Toggle Switch	SDT-110G-02SCAU	1
	7833079	SHINDEN		
10	74308629	Accessory for Toggle Switch	WD1911	1
	P823088001	Panasonic		
11	74903443	Indicator Apparatus	BD-1613A-24	3
	P843018007	OKAYA		
12	74387388	Key Select Switch	AR30PR-210B	1
	P820004069	FUJI Electric		

Unit No. 87 Electric BF <Sub Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74306805 P862032006	Plastic Round Connector AMP	206151-1	1
14	74903444 P862142012	Plug Type Terminal AMP	66103-2	20
15	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	4
16	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3
17	74776731 P330200037	Hex Socket Cap Screw JIS	M3X5	2

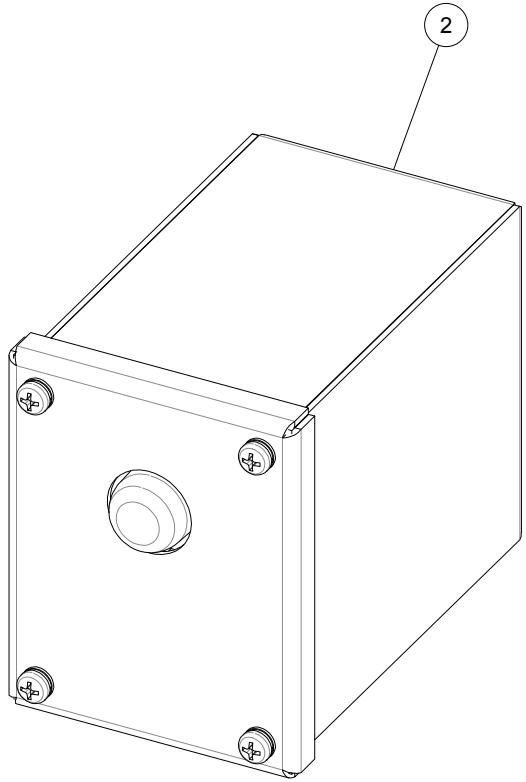


(1) Sub Control Box Installation

CE00730---

Unit No. 88 Electric BF <Sub Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box Installation		1
	CE00730---		Index 2-4	
2	74902265	Sub Control Box Bracket		1
	MA01293---			
3	74382078	Flange Socket Bolt	M8X15	3
	P330468006	NISSAN NEJI	List Only	
4	74183620	Hex Socket Cap Screw	M8X15	3
	P330230004		List Only	

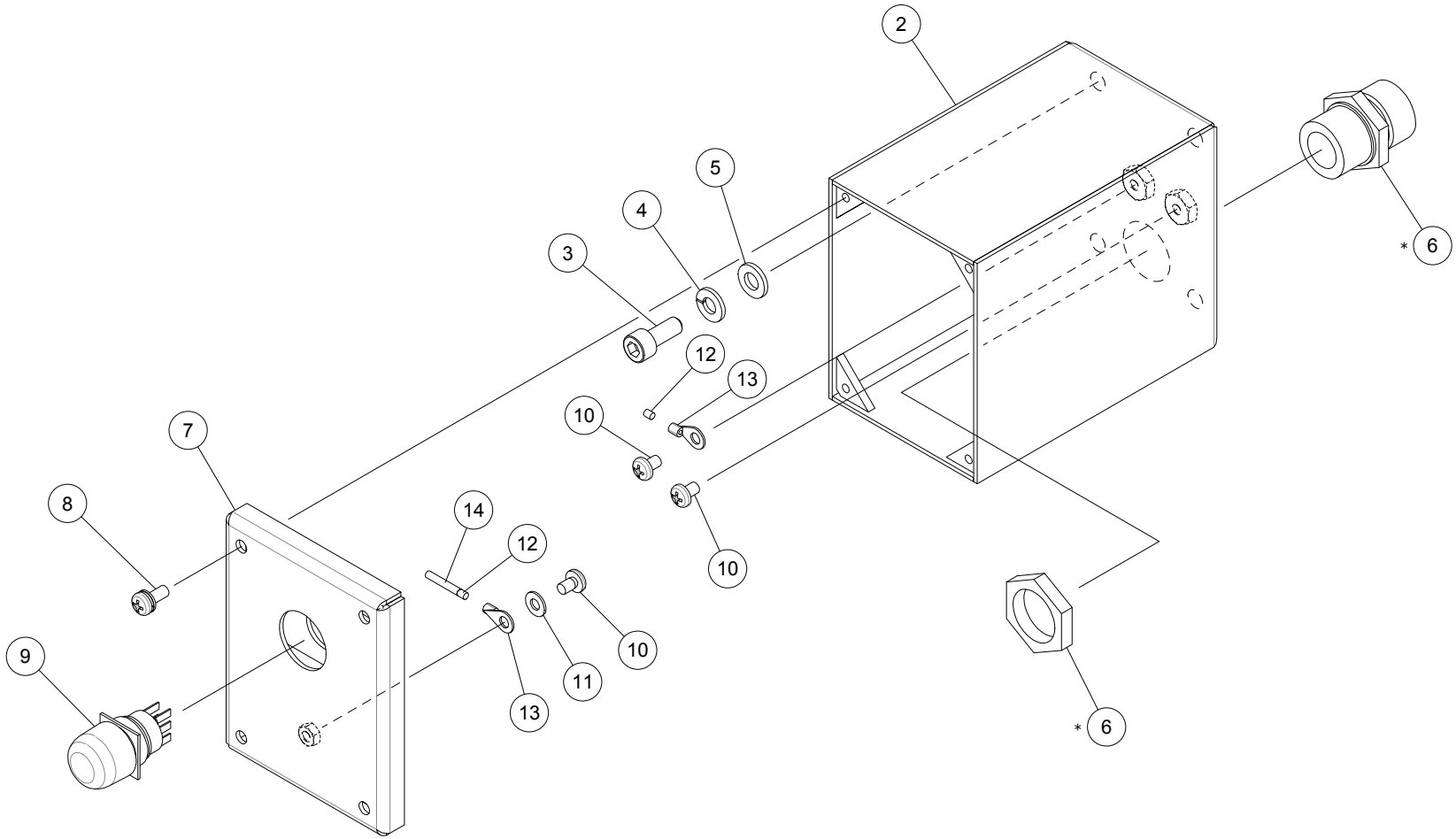


(1) Auxiliary Switch ASSY

CE01691---
(MA02636---)

Unit No. 89 Electric BF <Auxiliary Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01691---	Auxiliary Switch ASSY	Index 2-4	1
2	MA02636---	Auxiliary Switch Box ASSY		1
3	74902363 MA02638---	Cable S-6	List Only	1
4	74340935 810974	Turret Sticker	List Only	1



(1) Auxiliary Switch Box ASSY

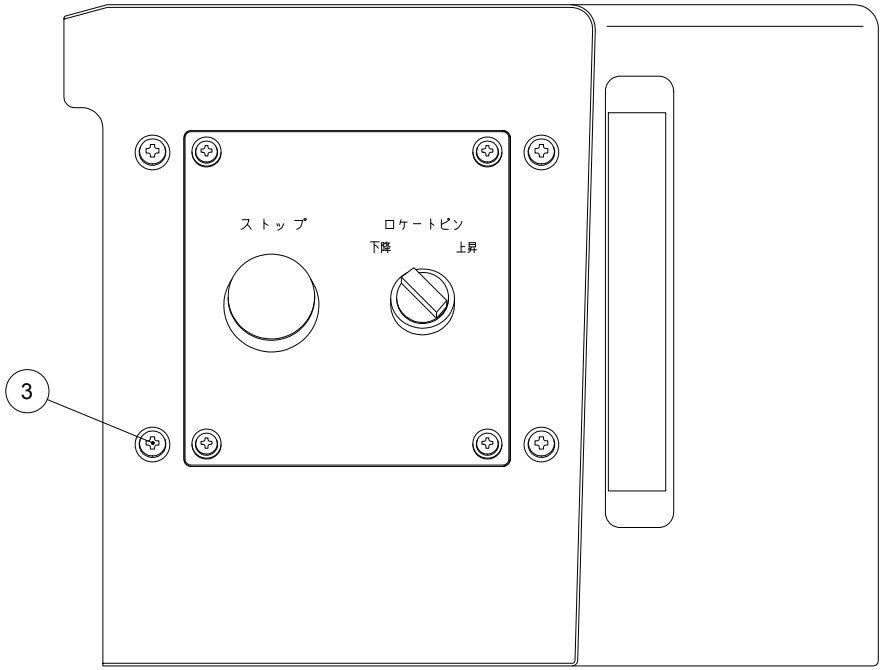
MA02636---

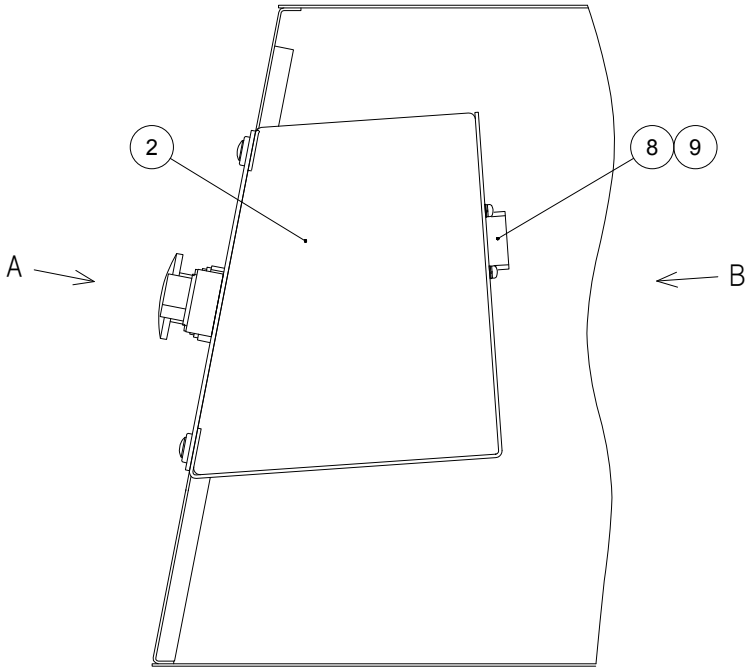
Unit No. 90 Electric BF <Auxiliary Switch Box ASSY>

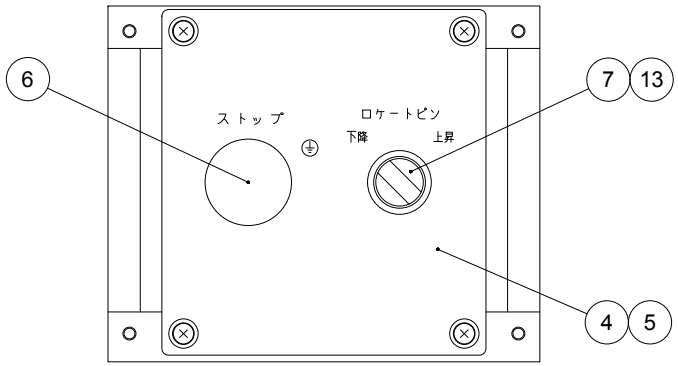
Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA02636---	Auxiliary Switch Box ASSY	 Index 2-14	1
2	74385959 6594604	Switch Box		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
4	74178737 P336050005	Spring Washer JIS	6	4
5	74159714 P336000005	Washer JIS	6(Normal)	4
6	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
7	74902362 MA02637---	Lid		1
8	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
9	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
10	74183225 P334100016	Pan Head Screw JIS	M4X6	3
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74489972 P869220210	Marker Tube	1.25	2

Unit No. 90 Electric BF <Auxiliary Switch Box ASSY>

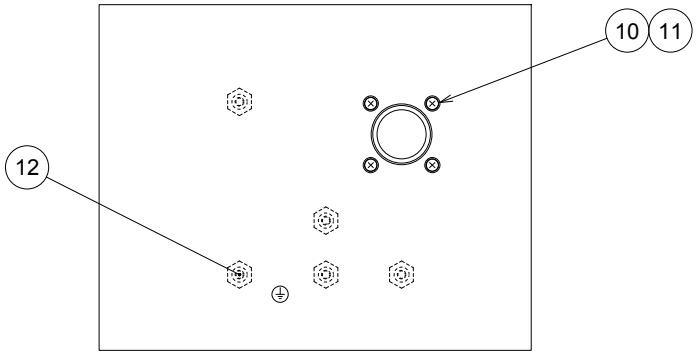
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1







VIEW A



VIEW B

(1) CR Control Box ASSY

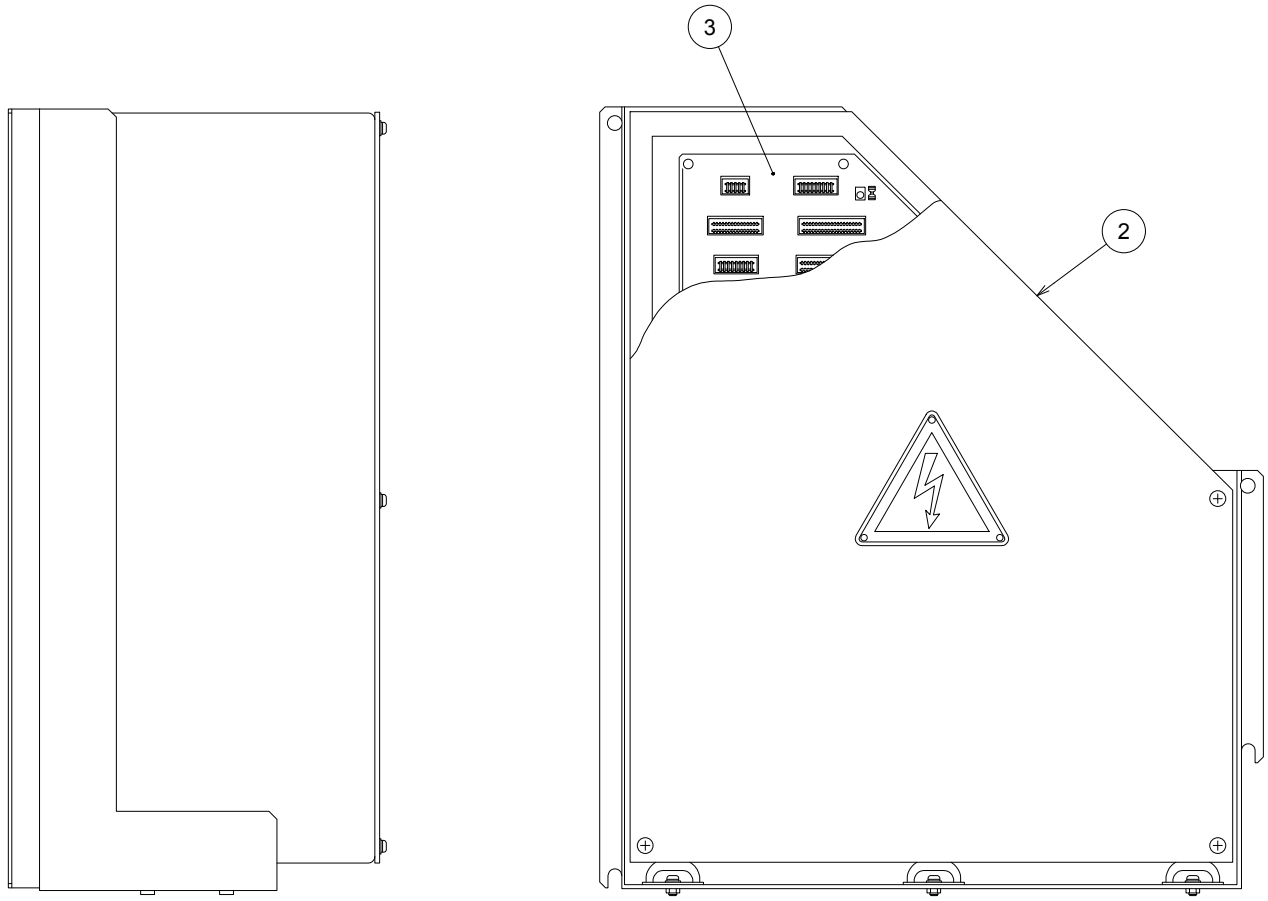
6820725--D

Unit No. 91 Electric BF <CR Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		CR Control Box ASSY		1
	6820725--D		Index 2-13	
2	74902076	CR Control Box		1
	6596126--C			
3	74722795	Finger Screw	Decorative Screw NO.3-M6X15	4
	P338048002	Tokyo Byora		
4	74712730	Finger Screw	Faced Screw -NO.2-M5X10	4
	P338048001	Tokyo Byora		
5	74901984	Name Plate		1
	3805423---			
6	74568712	Push Button Switch	AR30V3R-01BZ235	1
	P821124128	FUJI Electric		
7	74387199	Key Select Switch	AR22PR-210B	1
	P820004059	FUJI Electric		
8	74521705	Plastic R Connector	206036-1	1
	P862032003	AMP		
9	74450170	Plug Type Terminal	66099-3	12
	P862142082	AMP		
10	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
11	74183201	Nut	M3	4
	P332000001	JIS		
12	74569811	Sems Pan Head Screw	M4X6(Chromate P-4)	3
	P334200113	SANKO Industry		

Unit No. 91 Electric BF <CR Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74811258 P821804032	Accessory for Switch FUJI Electric	AR9Y715 (Key Washer)	1

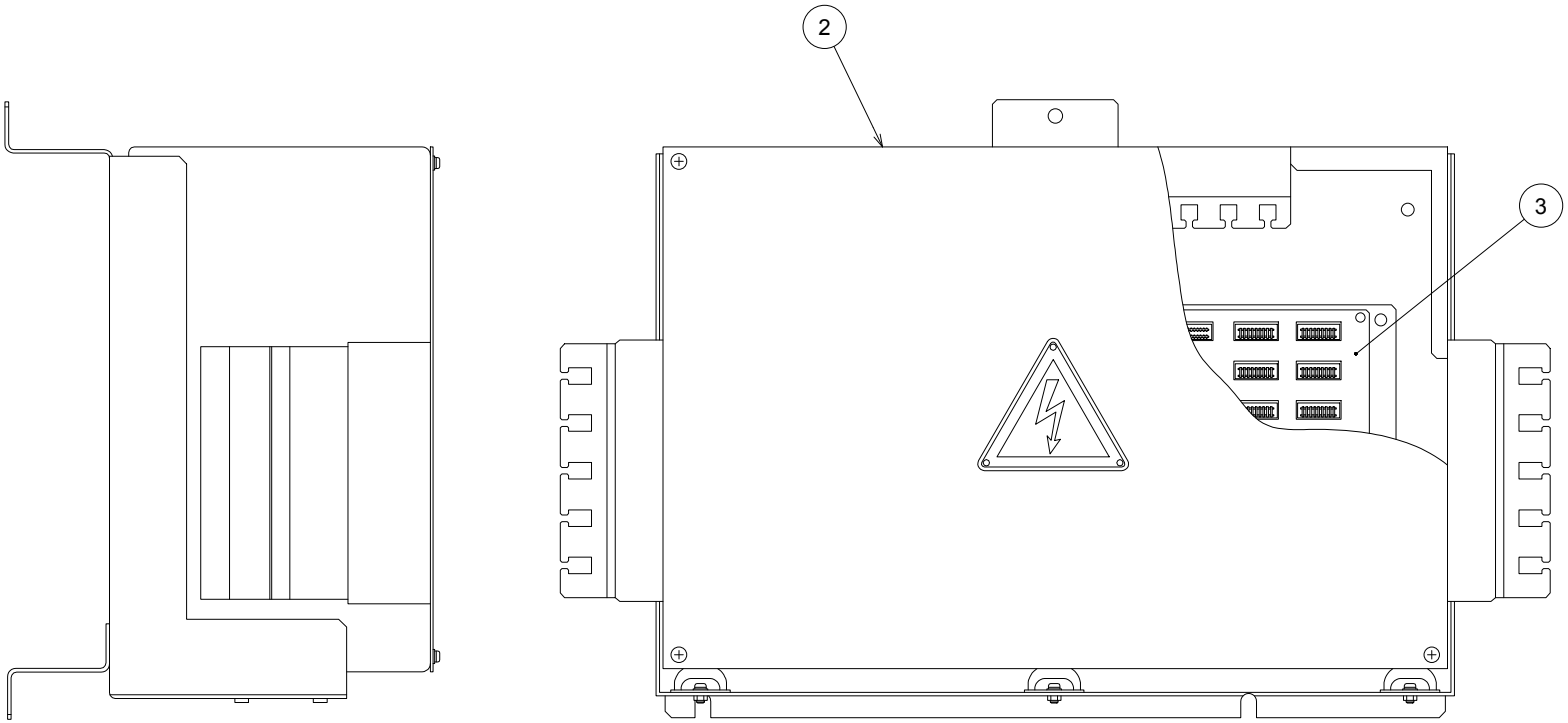


(1) Y Junction Box ASSY

7835585---
7835694---

Unit No. 92 Electric BF <Y Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7835585---	Y Junction Box ASSY	Index 23	1
2	74402122 / 7835694---	Y Junction Box ASSY / SANKO Electronics		1
3	74402123 / 7856152---	NEMLY Board / SANKO Electronics		1

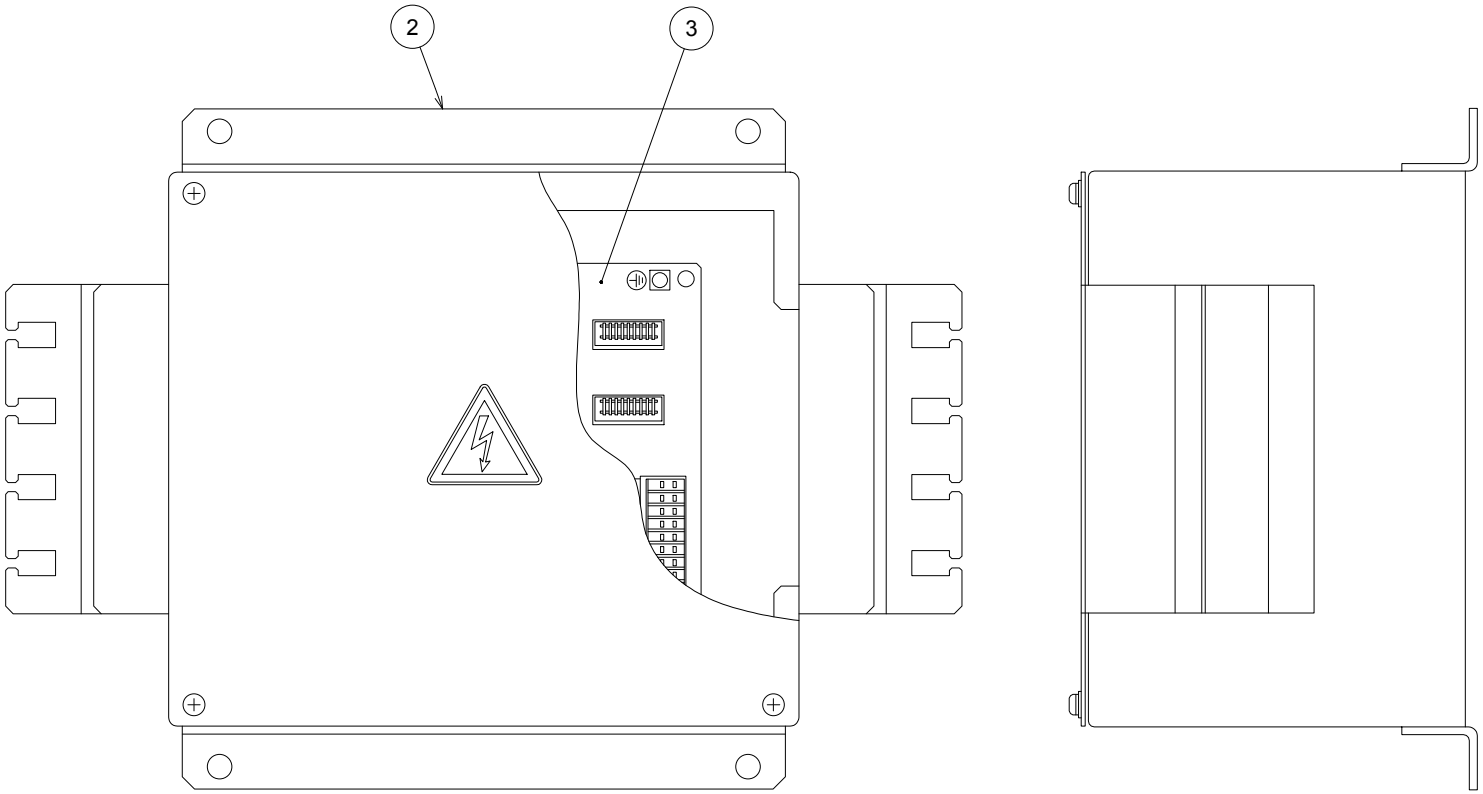


(1) S Junction Box ASSY

7835621---
7835695---

Unit No. 93 Electric BF <S Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7835621---	S Junction Box ASSY	Index 23	1
2	74402124 / 7835695---	S Junction Box ASSY / SANKO Electronics		1
3	74402125 / 7856153---	NEMLS Board / SANKO Electronics		1

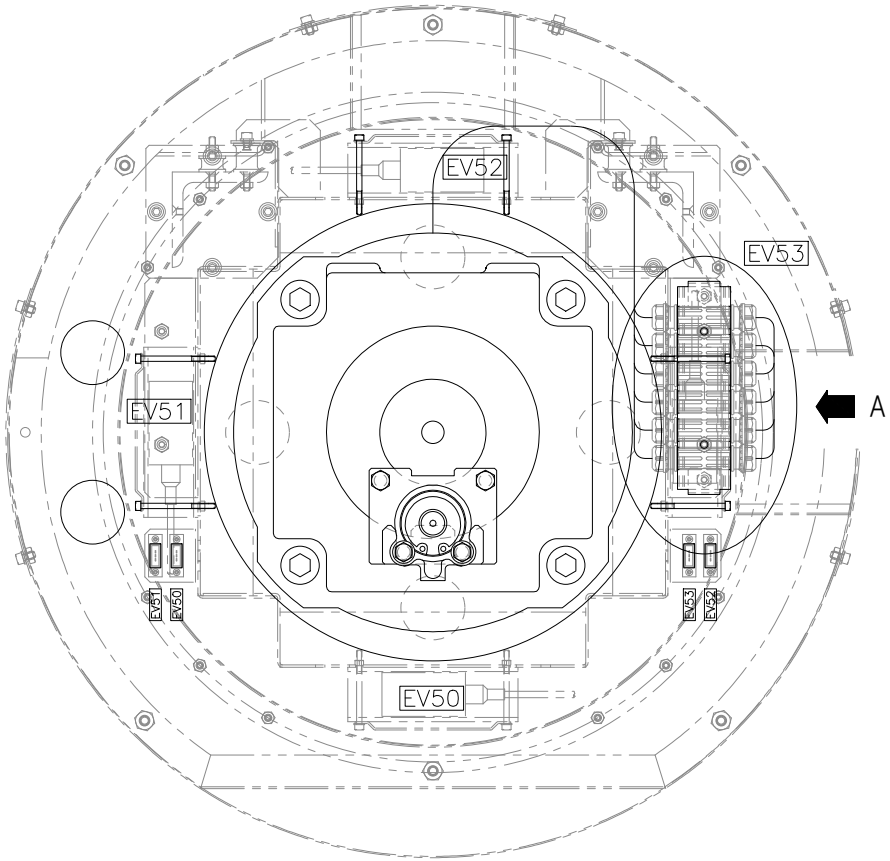


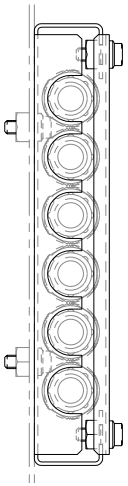
(1) DU Junction Box ASSY

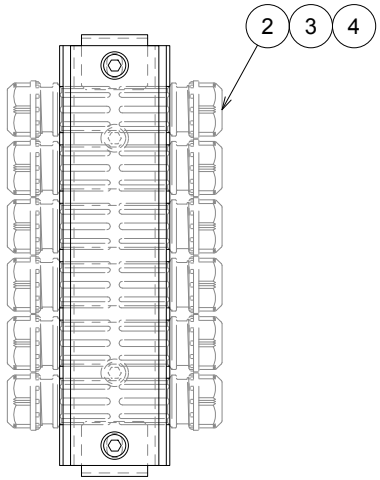
7835588---
7835696---

Unit No. 94 Electric BF <DU Junction Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 7835588---	DU Junction Box ASSY	 Index 23	1
2	74402126 7835696---	DU Junction Box SANKO Electronics		1
3	74402127 7856156---	NEMLDU Board SANKO Electronics		1







DETAIL A

(1) Insulating Pipe ASSY

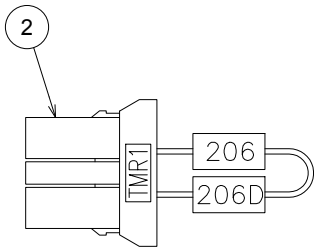
3831658
(6884911)

Unit No. 95 Electric BF <Insulating Pipe ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Insulating Pipe ASSY		1
	3831658		Index 2-4	
2	74812940	Insulating Pipe	OA-QW0911SN	12
	P869148017	OHM Electric		
3	74453231	Termination Panel		12
	3830398			
4	74776818	Sems Pan Head Screw	M6X10(Chromate P-4)	12
	P334200149	SANKO Industry		

S中継箱

(S Junction Box)



(1) Jumper Connector ASSY

MA05271---

Unit No. 96 Electric BF <Jumper Connector ASSY>

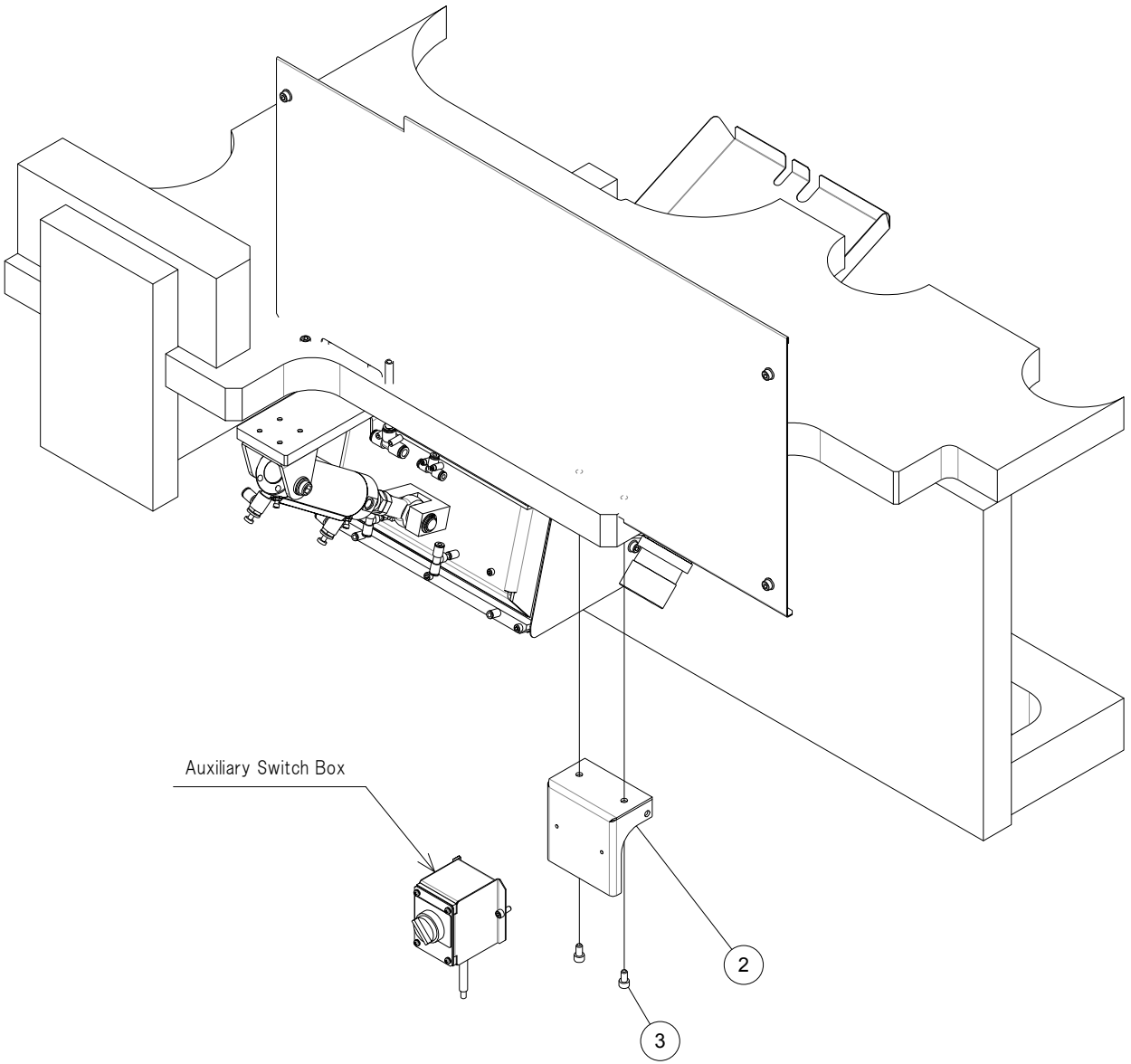
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05213---	Jumper Connector ASSY	Index 2	1
2	74902724 MA05271---	Jumper Connector TMR1		1

< List Only >

MA05214---

Unit No. 97 Electric BF <TSU Cable ASSY (Body Side)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05214---	TSU Cable ASSY (Body Side)	Index 23	1
2	74902368 / MA02645---	Cable TMY5		1
3	74902369 / MA02646---	Cable TMY6		1

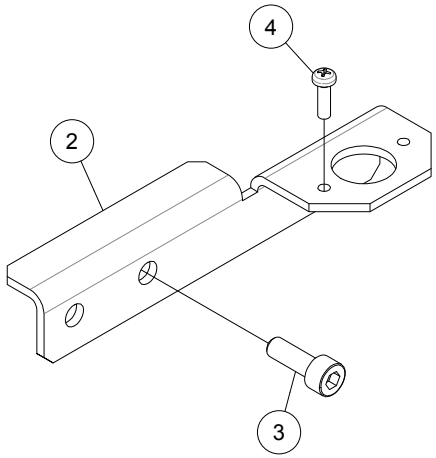


(1) Maintenance SW Installation

CE00790---

Unit No. 98 Electric BF <Maintenance SW Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00790---	Maintenance SW Installation	Index 23	1
2	74402128 / CE00791---	Maintenance SW Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	2

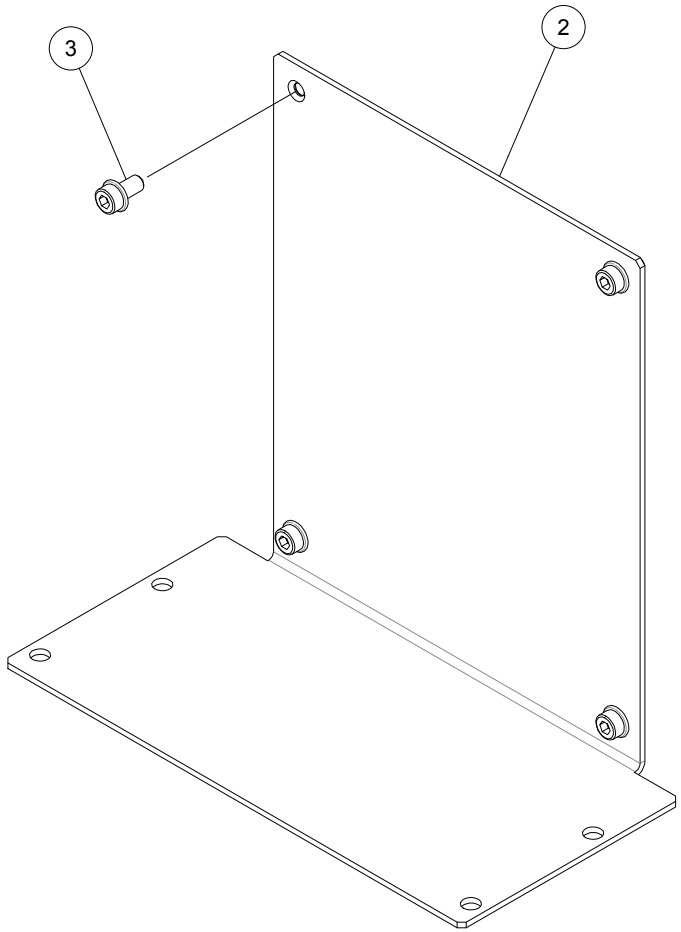


(1) A-axis Encoder Cable Cut Off ASSY

CE01725---

Unit No. 99 Electric BF <A-axis Encoder Cable Cut Off ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01703---	A-axis Encoder Cable Cut Off ASSY	Index 2-4	1
2	74400945 CE01725---	Encoder Junction Panel		1
3	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
4	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	2

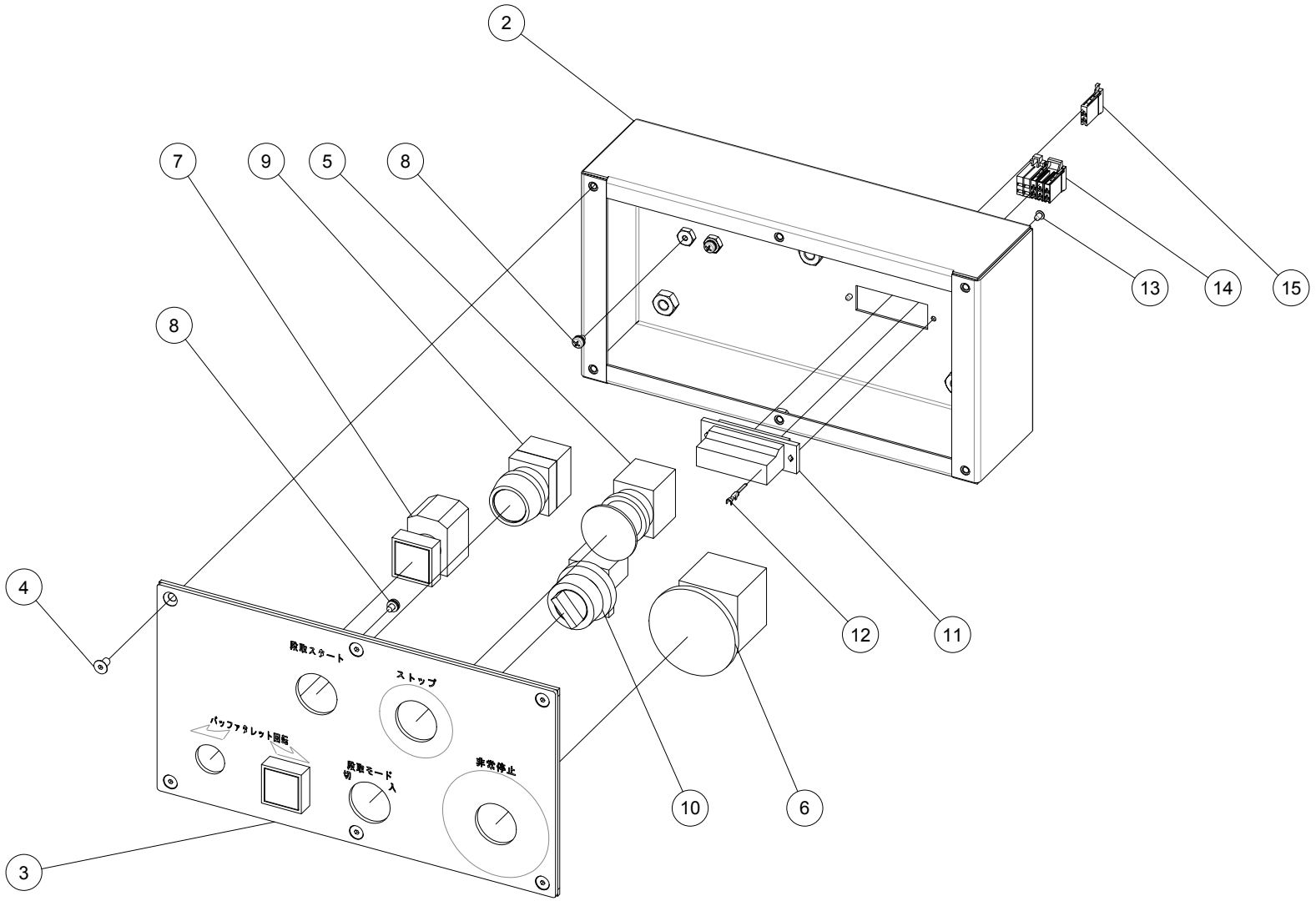


(1) DU Junction Box Installation ASSY

CE00810---

Unit No. 100 Electric BF <DU Junction Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		DU Junction Box Installation ASSY		1
	CE00810---		Index 23	
2	74402129	DU Junction Box Bracket		1
	CE00777---			
3	74382078	Flange Socket Bolt	M8X15	8
	P330468006	NISSAN NEJI		



1 Buffer Control Box ASSY

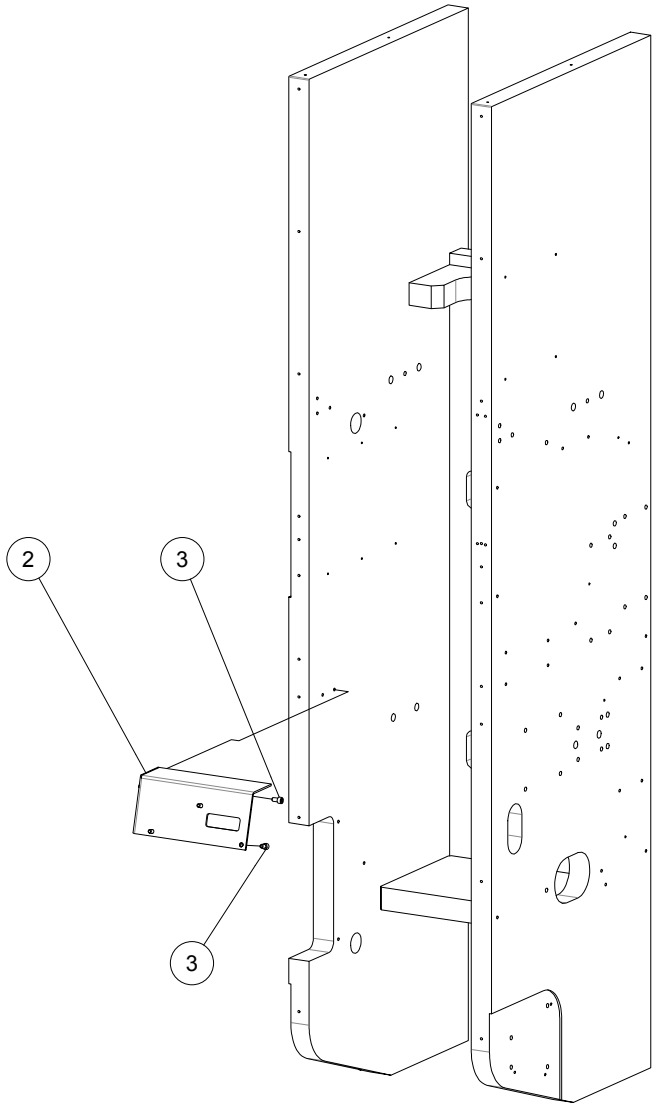
MA07900---

Unit No. 101 Electric BF <Buffer Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07900---	Buffer Control Box ASSY	Index 2-15	1
2	74402130 MA07901---	Buffer Control Box		1
3	74402131 MA07902---	Name Plate		1
4	74377124 P334520006	Flat Head Bolt NISSAN NEJI	M5X10	6
5	74568712 P821124128	Push Button Switch FUJI Electric	AR30V3R-01BZ235	1
6	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
7	74386504 P821084072	Push Button Switch FUJI Electric	AR22F0S-10W	2
8	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	3
9	74777238 P821124115	Push Button Switch FUJI Electric	AR30G1R-10W	1
10	74387388 P820004069	Key Select Switch FUJI Electric	AR30PR-210B	1
11	74564479 P862042082	Rectangle Connector AMP	917241-8	1
12	74489980 P862142029	Plug Type Terminal AMP	175289-2	16

Unit No. 101 Electric BF <Buffer Control Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2
14	74402132 MA07903---	Cable S-BC1		1
15	74402133 MA07984---	Cable CN4C15		1



(1) Buffer Control Box Installation

MA07905---

Unit No. 102 Electric BF <Buffer Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07905---	Buffer Control Box Installation	Index 23	1
2	74402134 / MA07906---	Buffer Control Box Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5

< List Only >

MA08046---

Unit No. 103 Electric BF <Buffer Auxiliary Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08046---	Buffer Auxiliary Switch ASSY	Index 2-13	1
2	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
3	74178737 P336050005	Spring Washer JIS	6	4
4	74159714 P336000005	Washer JIS	6(Normal)	4
5	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
8	74183225 P334100016	Pan Head Screw JIS	M4X6	3
9	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
10	74489972 P869220210	Marker Tube	1.25	2
11	74553818 P869200003	Solderless Terminal	R1.25-4	2
12	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1

Unit No. 103 Electric BF <Buffer Auxiliary Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402135 MA07892---	Cable S-61		1

< List Only >

MA08102---

Unit No. 104 Electric BF <Cable ASSY BF>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08102---	Cable ASSY BF	Index 2-11	1
2	74900863 P826166006	Safety Switch IDEC	HS5D-02RN	1
3	74900821 P381048046	Cable Clamp MISUMI	ST-M20-B	1
4	74300603 P330200025	Hex Socket Cap Screw	M4X40	2
5	74402136 P826218008	Actuator (for Safety Switch) IDEC	HS9Z-A55	1
6	74314401 P330200015	Hex Socket Cap Screw	M4X10	2
7	74402137 MA06478---	Cable CN4C14		1
8	74402138 MA07678---	Cable CN4C13		1
9	74402139 MA07928---	LS Bracket		1
10	74402140 MA07929---	Switch Bracket		1
11	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4

< List Only >

CE01680---

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01680---	Electrical Wiring ASSY TSU	Index 2-52	1
2	74902343 MA02611--A	Cable S-2		1
3	74902344 MA02612--A	Cable S-9		1
4	74402047 WA00422---	Cable S-10		1
5	74902346 MA02614---	Cable S-11		1
6	74902347 MA02615---	Cable S-11A		1
7	74902348 MA02616--B	Cable S-15		1
8	74902349 MA02617--A	Cable S-32		1
9	74902350 MA02618--A	Cable S-37		1
10	74902351 MA02620---	Cable S-38		1
11	74902352 MA02623--A	Cable YF		1
12	74402048 CE00303---	Cable AO1		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902353 MA02624--A	Cable TMA		1
14	74902580 MA03811---	Cable EV42		1
15	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
16	74902354 MA02626--A	Cable EV43		1
17	74902355 MA02627---	Cable EV15		1
18	74902356 MA02628--A	Cable EV16		1
19	74902357 MA02629--A	Cable EV17		1
20	74902358 MA02630--B	Cable EV F		1
21	74402049 CE00740---	Cable TMY1		1
22	74402050 CE00741---	Cable TMY2		1
23	74402051 CE00742---	Cable TMY4		1
24	74402052 CE00743---	Cable EVY		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402053 CE00744---	Cable Q (Y)		1
26	74902373 MA02650--A	Cable J61		1
27	 CE03530---	Cable Kit TMX		1
28	 CE03531---	Cable Kit TMX		1
29	74902374 MA02661--A	Cable EVDU		1
30	74902375 MA02662--A	Cable TMDU1		1
31	74902376 MA02663--B	Cable TMDU2		1
32	74902379 MA02668--A	Cable TMY4B		1
33	74902378 MA02667---	Cable TMDU3		1
34	74402054 CE00316---	Jumper Connector TMF1		1
35	 6884915---	A-axis Motor Cable ASSY		1
36	74810581 3807359	Shield Tube		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74810582 6874113	Shield Tube		1
38	74183620 P330230004	Hex Socket Cap Screw	M8X15	7
39	74568662 P381058102	Cable Band KITAGAWA	PLT2S	30
40	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	11
41	74776743 P330220003	Hex Socket Cap Screw	M6X10	11
42	MA02572---	Foot Switch Cable ASSY		1
43	MA02574---	Striker Cable ASSY		1
44	3831354	Foot Switch ASSY		1
45	CE00839---	Cable Kit		1
46	74453215 3830254	Plate for Cable		1
47	74722756 P334500021	Button Head Screw	M8X25	2
48	74776797 P332000006	Nut JIS	M10	2

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74400957 WA00424---	Cable Bracket S-18		1
50	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
51	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
52	74183201 P332000001	Nut JIS	M3	4

< List Only >

CE03530---

Unit No. 106 Electric BF EX <Cable Kit TMX>

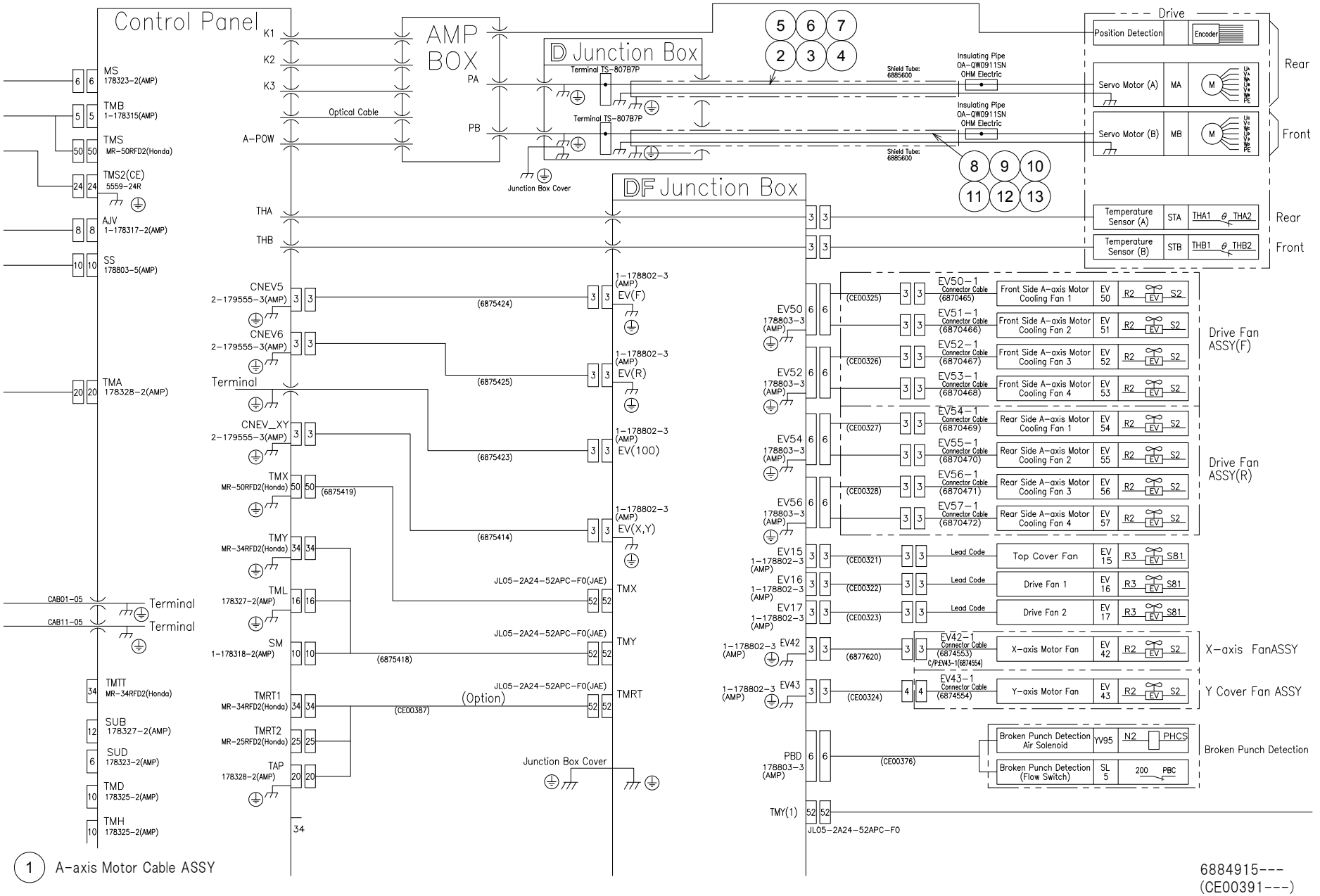
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03530---	Cable Kit TMX	Index 23	1
2	74902581 / MA03812---	Cable TMX1		1
3	74902582 / MA03813---	Cable TMX2		1

< List Only >

CE03531---

Unit No. 107 Electric BF EX <Cable Kit TMX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03531---	Cable Kit TMX	Index 23	1
2	74402055 / CE03532---	Cable TMX1		1
3	74402056 / CE03533---	Cable TMX2		1


Control Panel
AMP BOX
D Junction Box
DF Junction Box
Drive
Position Detection
Encoder
Servo Motor (A)
Servo Motor (B)
Rear
Front
Optical Cable
Terminal TS-807B7P
Shield Tube: 6885600
Insulating Pipe 0A-QW0911SN OHM Electric
Junction Box Cover
Temperature Sensor (A)
Temperature Sensor (B)
Drive Fan ASSY(F)
Drive Fan ASSY(R)
X-axis FanASSY
Y Cover Fan ASSY
Broken Punch Detection
Top Cover Fan
Drive Fan 1
Drive Fan 2
Broken Punch Detection Air Solenoid
Broken Punch Detection (Flow Switch)
Terminal
1 A-axis Motor Cable ASSY
6884915---
(CE00391---)

Unit No. 108 Electric BF EX <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6884915---	A-axis Motor Cable ASSY	Index 2-13	1
2	74400920 / 6885601---	A-axis Motor Cable UA		1
3	74400921 / 6885602---	A-axis Motor Cable VA		1
4	74400922 / 6885603---	A-axis Motor Cable WA		1
5	74400923 / 6885604---	A-axis Motor Cable UB		1
6	74400924 / 6885605---	A-axis Motor Cable VB		1
7	74400925 / 6885606---	A-axis Motor Cable WB		1
8	74400926 / 6885607---	A-axis Motor Cable UC		1
9	74400927 / 6885608---	A-axis Motor Cable VC		1
10	74400928 / 6885609---	A-axis Motor Cable WC		1
11	74400929 / 6885610---	A-axis Motor Cable UD		1
12	74400930 / 6885611---	A-axis Motor Cable VD		1

Unit No. 108 Electric BF EX <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400931 6885612---	A-axis Motor Cable WD		1

< List Only >

MA02572---

Unit No. 109 Electric BF EX <Foot Switch Cable ASSY>

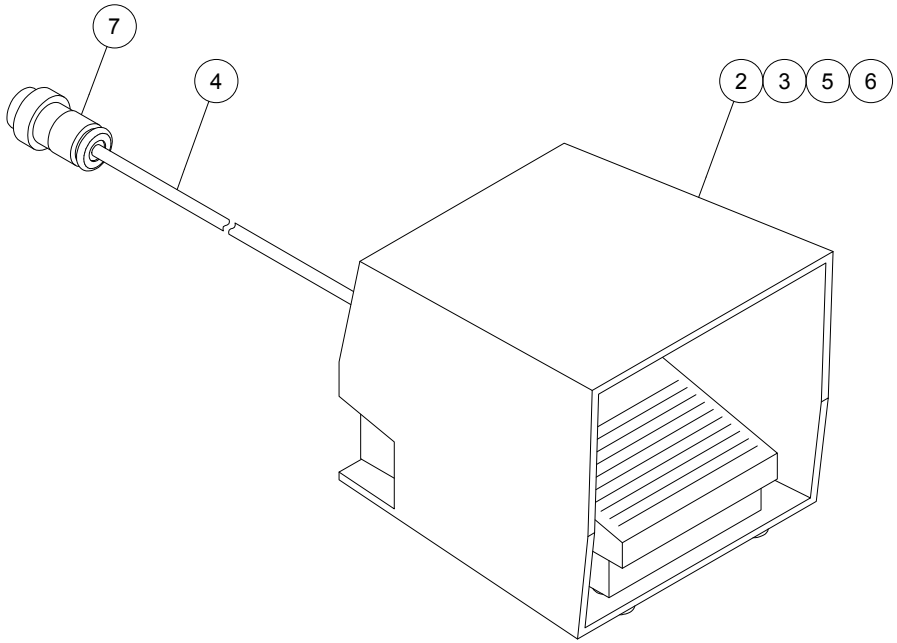
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02572---	Foot Switch Cable ASSY	Index 2-5	1
2	74902359 MA02631--A	Cable Y-1		1
3	74386689 P334520041	Flat Head Bolt NISSAN NEJI	M3X6	3
4	74307030 6018282	Connector Setting Plate		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2

< List Only >

MA02574---

Unit No. 110 Electric BF EX <Striker Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Striker Cable ASSY		1
	MA02574---		Index 2-5	
2	74902360	Cable S-1		1
	MA02632--A			
3	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
4	74578833	Connector Bracket		1
	6532844 A			
5	74183620	Hex Socket Cap Screw	M8X15	2
	P330230004			



(1) Foot Switch ASSY

3831354

Unit No. 111 Electric BF EX <Foot Switch ASSY>

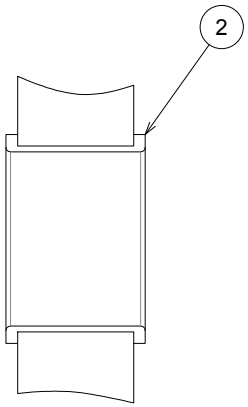
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Foot Switch ASSY		1
	3831354		Index 2-7	
2	74383747	Foot Switch	XPE-M510	1
	P826108001	Schneider Electric	with Index 3	
3	74902956	Contact Block	XE2S P4151	1
	SPT0182---	Schneider Electric		
4	74810545	Foot Switch Cable		1
	6872112			
5	74383748	Accessory for Limit Switch	DE9-PL116044	1
	P828108004	Schneider Electric		
6	74380391	Washer	DE9-PL116043	1
	P336238037	Schneider Electric		
7	74341418	Metallic Connector	NCS-253-PM	1
	P860002002	NANAHOSHI Electric		

< List Only >

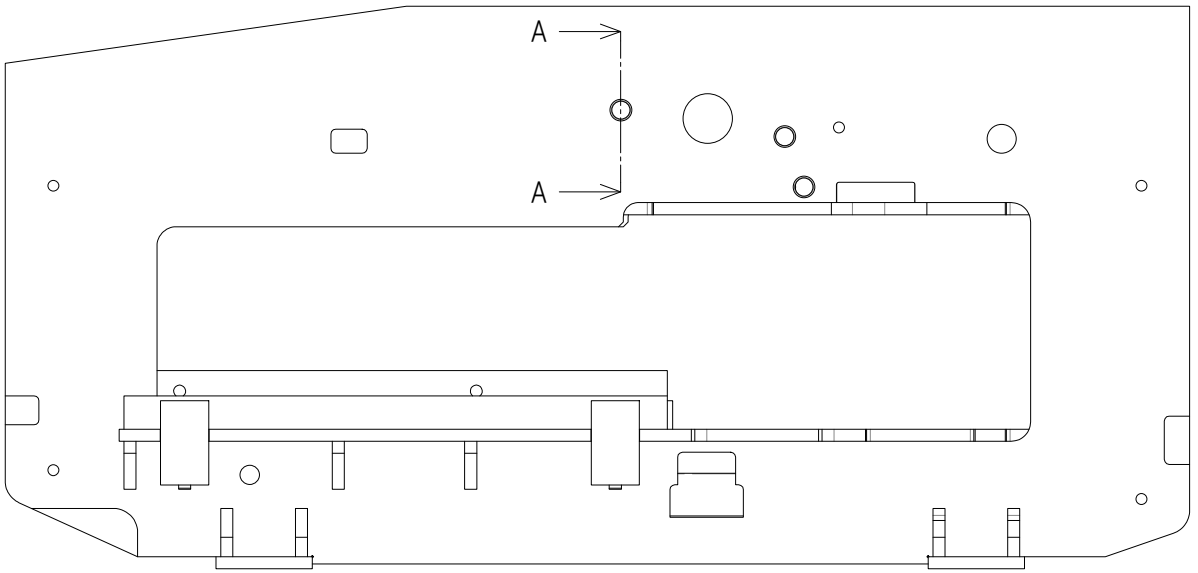
CE00839---

Unit No. 112 Electric BF EX <Cable Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00839---	Cable Kit	Index 2	1
2	74402057 WA00425--A	Cable S-18 CE		1



SECTION A-A



(1) Rubber Bushing Inset Drawing

CE01702---

Unit No. 113 Electric BF EX <Rubber Bushing Inset Drawing>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01702---	Rubber Bushing Inset Drawing	Index 2	1
2	74902306 MA01618---	Rubber Bushing		7

< List Only >

CE01681---

Unit No. 114 Electric BF EX <Lower Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01681---	Lower Duct ASSY	Index 23	1
2	CE01693---	Duct ASSY BUFFER		1
3	CE01694---	Duct ASSY TSU Rack		1

< List Only >

CE01693---

Unit No. 115 Electric BF EX <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01693---	Duct ASSY BUFFER	Index 2-34	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74902327 MA02564---	Plate		2
5	74163306 P334500008	Button Head Screw JIS	M5X8	8
6	74402060 CE01695---	Cable KIT1	Index 7-13	1
7	74402061 CE01771---	Cable TMS1		1
8	74402062 CE01772---	Cable TMS2		1
9	74402063 CE01773---	Cable Q (S)		1
10	74402064 CE01774---	Cable J63		1
11	74402065 CE01775---	C-axis Signal Cable		1
12	74402066 CE01776---	T-axis Signal Cable		1

Unit No. 115 Electric BF EX <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402067 CE01777---	DU-axis Signal Cable		1
14	74402068 CE01696---	Cable KIT2	Index 15-17	1
15	74402069 CE01778---	C-axis Motor Cable		1
16	74402070 CE01779---	T-axis Motor Cable		1
17	74402071 CE01780---	Du-axis Motor Cable CE		1
18	74402072 CE01697---	Cable KIT3 BUFFER	Index 19-27	1
19	74402073 CE01781---	LAN Cable ID		1
20	74402074 CE01782---	LAN Cable TSU		1
21	74402075 CE01783---	CZ-axis Signal Cable 1		1
22	74402076 CE01784---	CX-axis Signal Cable 1		1
23	74402077 CE01785---	CD-axis Signal Cable 1		1
24	74402078 CE01786---	CR-axis Signal Cable		1

Unit No. 115 Electric BF EX <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402079 CE01787---	S-axis Signal Cable		1
26	74402080 CE01788---	Cable TMS3		1
27	74402081 CE01789---	Cable TMS4		1
28	74402082 CE01699---	Cable KIT4	Index 29-34	1
29	74402083 CE01792---	CX-axis Motor Cable 1		1
30	74402084 CE01793---	CZ-axis Brake Cable 1		1
31	74402085 CE01794---	CX-axis Motor Cable 1		1
32	74402086 CE01795---	CD-axis Motor Cable 1		1
33	74402087 CE01796---	CR-axis Motor Cable		1
34	74402088 CE01797---	S-axis Motor Cable		1

< List Only >

CE01694---

Unit No. 116 Electric BF EX <Duct ASSY TSU Rack>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01694---	Duct ASSY TSU Rack	Index 2-40	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74402089 CE01714---	Duct 3		1
5	74902327 MA02564---	Plate		2
6	74163306 P334500008	Button Head Screw JIS	M5X8	8
7	74776731 P330200037	Hex Socket Cap Screw JIS	M3X5	2
8	74402060 CE01695---	Cable KIT1	Index 9-15	1
9	74402061 CE01771---	Cable TMS1		1
10	74402062 CE01772---	Cable TMS2		1
11	74402063 CE01773---	Cable Q (S)		1
12	74402064 CE01774---	Cable J63		1

Unit No. 116 Electric BF EX <Duct ASSY TSU Rack>

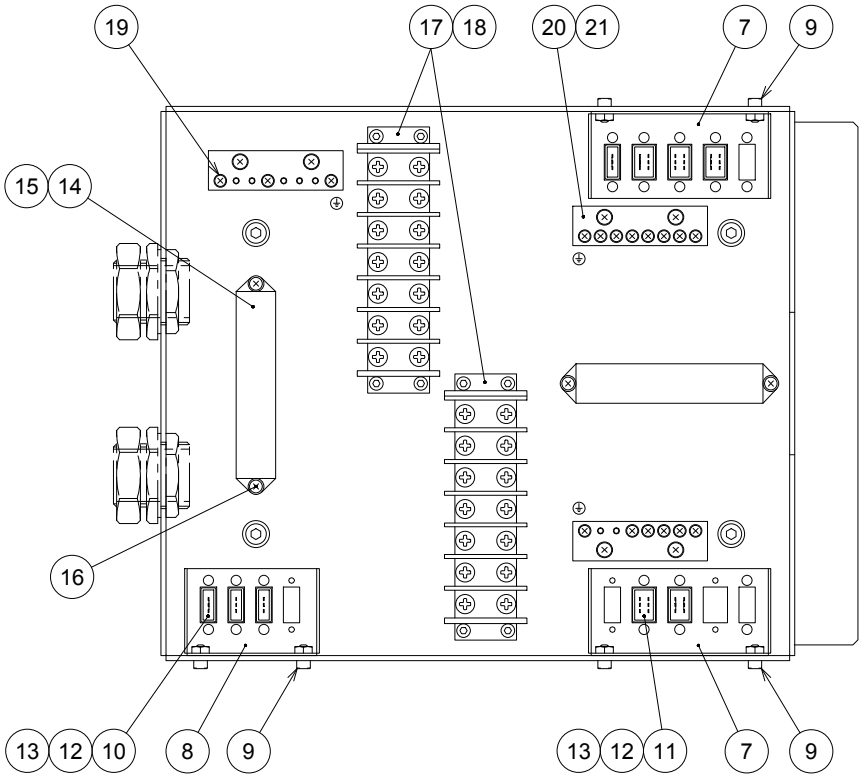
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402065 CE01775---	C-axis Signal Cable		1
14	74402066 CE01776---	T-axis Signal Cable		1
15	74402067 CE01777---	DU-axis Signal Cable		1
16	74402068 CE01696---	Cable KIT2	Index 17-19	1
17	74402069 CE01778---	C-axis Motor Cable		1
18	74402070 CE01779---	T-axis Motor Cable		1
19	74402071 CE01780---	Du-axis Motor Cable CE		1
20	74402090 CE01698---	Cable KIT3 (Rack)	Index 21-31	1
21	74402073 CE01781---	LAN Cable ID		1
22	74402074 CE01782---	LAN Cable TSU		1
23	74402075 CE01783---	CZ-axis Signal Cable 1		1
24	74402076 CE01784---	CX-axis Signal Cable 1		1

Unit No. 116 Electric BF EX <Duct ASSY TSU Rack>

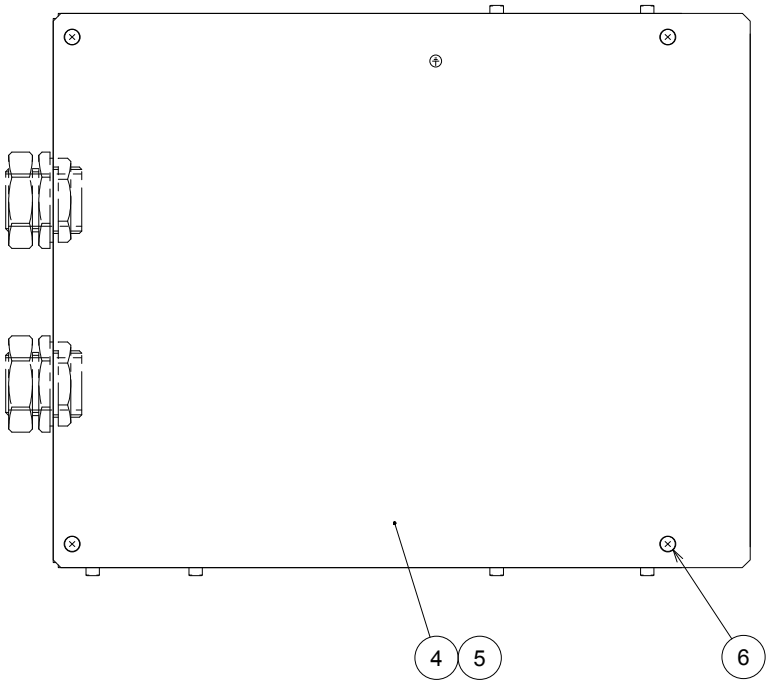
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402077 CE01785---	CD-axis Signal Cable 1		1
26	74402078 CE01786---	CR-axis Signal Cable		1
27	74402079 CE01787---	S-axis Signal Cable		1
28	74402080 CE01788---	Cable TMS3		1
29	74402081 CE01789---	Cable TMS4		1
30	74402091 CE01790---	Cable TMS5		1
31	74402092 CE01791---	Optical Fiber Cable Add Works COP9		1
32	74402082 CE01699---	Cable KIT4	 Index 33-38	1
33	74402083 CE01792---	CX-axis Motor Cable 1		1
34	74402084 CE01793---	CZ-axis Brake Cable 1		1
35	74402085 CE01794---	CX-axis Motor Cable 1		1
36	74402086 CE01795---	CD-axis Motor Cable 1		1

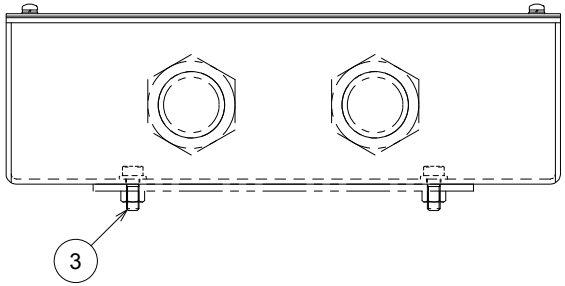
Unit No. 116 Electric BF EX <Duct ASSY TSU Rack>

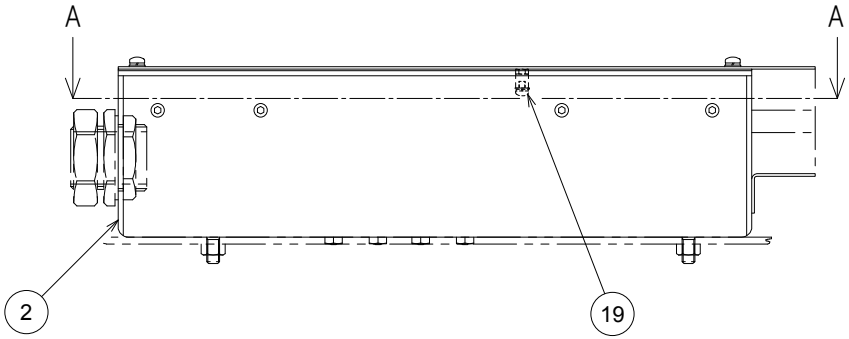
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402087 CE01796---	CR-axis Motor Cable		1
38	74402088 CE01797---	S-axis Motor Cable		1
39	74402093 CE01700---	Cable KIT5	 Index 40	1
40	74402094 CE01798--A	Cable TMRP (D)		1



SECTION A-A







(1) D Junction Box ASSY

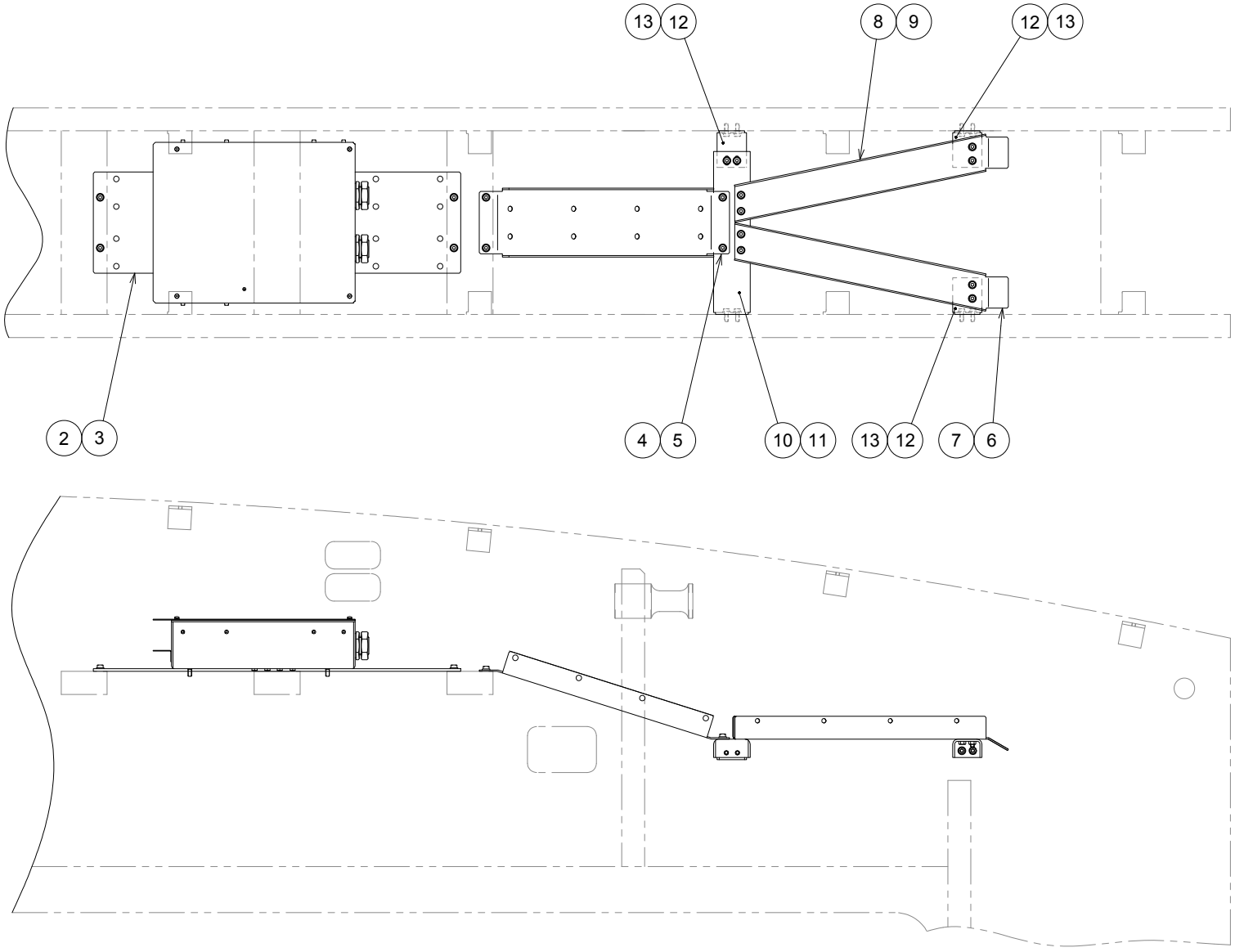
WA00420---

Unit No. 117 Electric BF EX <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00420---	D Junction Box ASSY	Index 2-21	1
2	74902702 MA05246---	Junction Box D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74418493 6875381	Junction Box D Cover		1
5	74418494 6875382	Packing D		1
6	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
7	74810591 3807346	Housing Plate D1		2
8	74415654 6828814	Housing Plate D2		1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
10	74386502 P862042073	Rectangle Connector AMP	1-178802-3	4
11	74386501 P862042068	Rectangle Connector AMP	178803-3	5
12	74489980 P862142029	Plug Type Terminal AMP	175289-2	42

Unit No. 117 Electric BF EX <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	18
14	74386224 P862138055	Rectangle Connector WEIDMULLER	KS10KRG/D10	2
15	74810592 P862148070	Plug Type Terminal WEIDMULLER	H1.5/16	24
16	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	4
17	74810593 QZZ044752	Terminal Block KIMURA Electric	TS807B7P	2
18	74314404 P330210009	Hex Socket Cap Screw	M5X20	8
19	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	24
20	74902489 MA03066---	Ground Bar		3
21	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	6



1 D Junction Box Installation

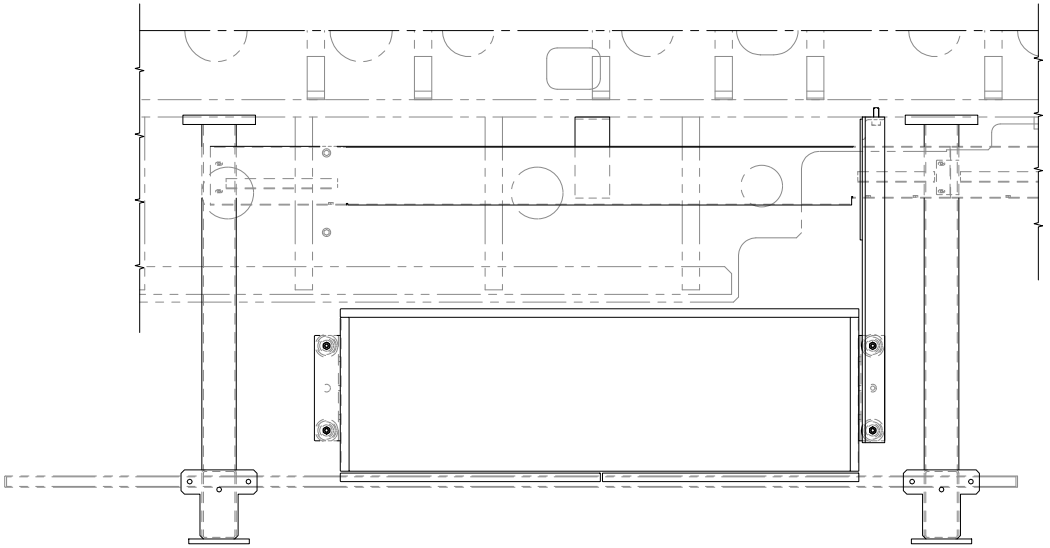
CE01760---
(3809365)

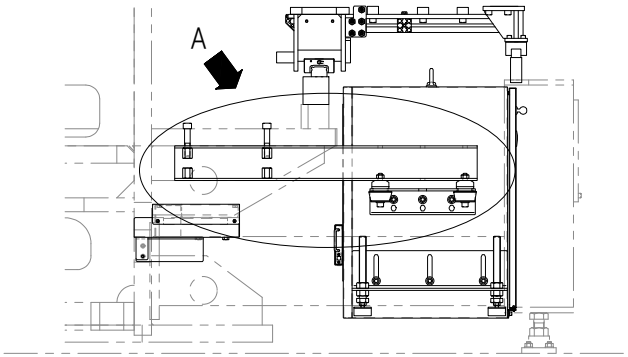
Unit No. 118 Electric BF EX <D Junction Box Installation>

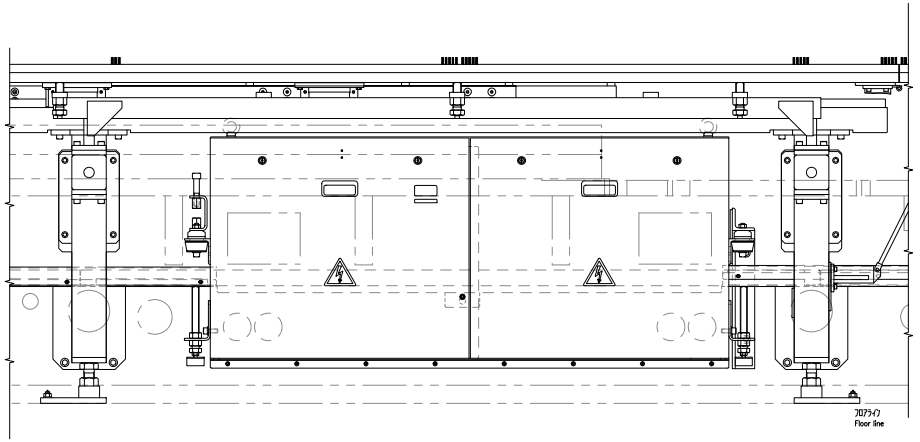
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01760---	D Junction Box Installation	Index 2-14	1
2	74811843 3809366	Junction Box Base D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74811844 3808330	Duct L		1
5	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
6	74402095 CE01761---	Duct S-F		1
7	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
8	74402096 CE01762---	Duct S-R		1
9	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
10	74811847 3809369	Duct Bracket L		1
11	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2
12	74811848 3809370	Duct Bracket S		3

Unit No. 118 Electric BF EX <D Junction Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	6
14	74568662 P381058102	Cable Band KITAGAWA	PLT2S List Only	26

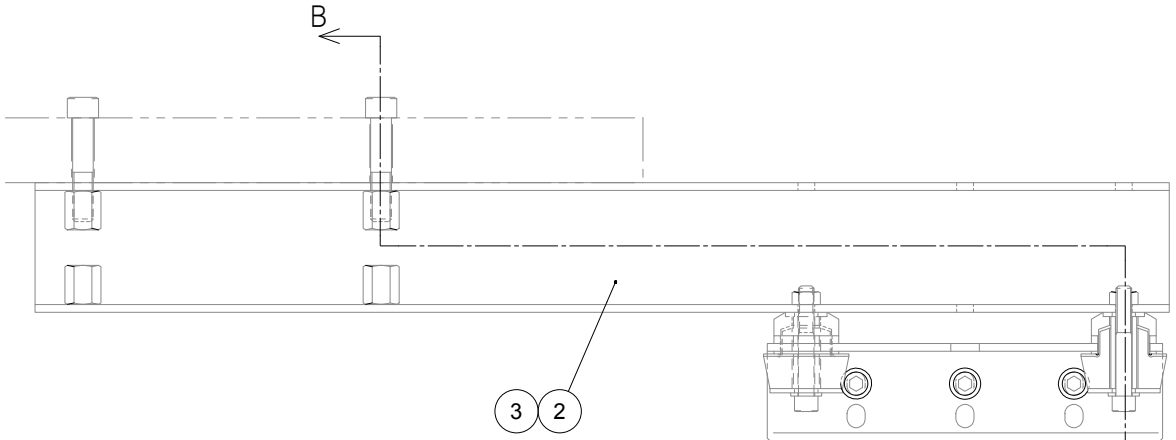




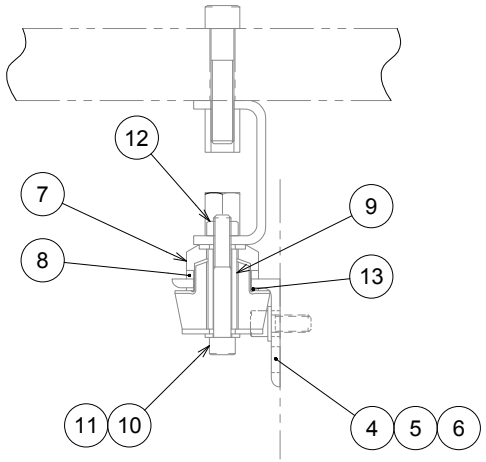


(1) Amplifier Box Installation

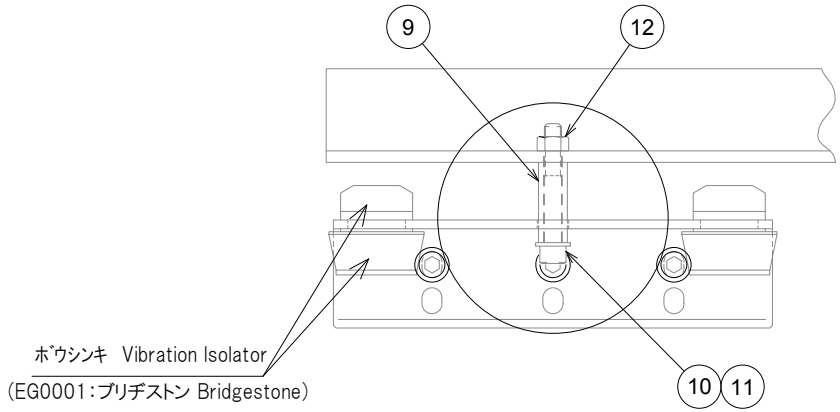
CE01682---
(6875368--B)



DETAIL A



SECTION B-B



＜アンプボック自立時＞
＜for Amplifier Box Self-standing＞

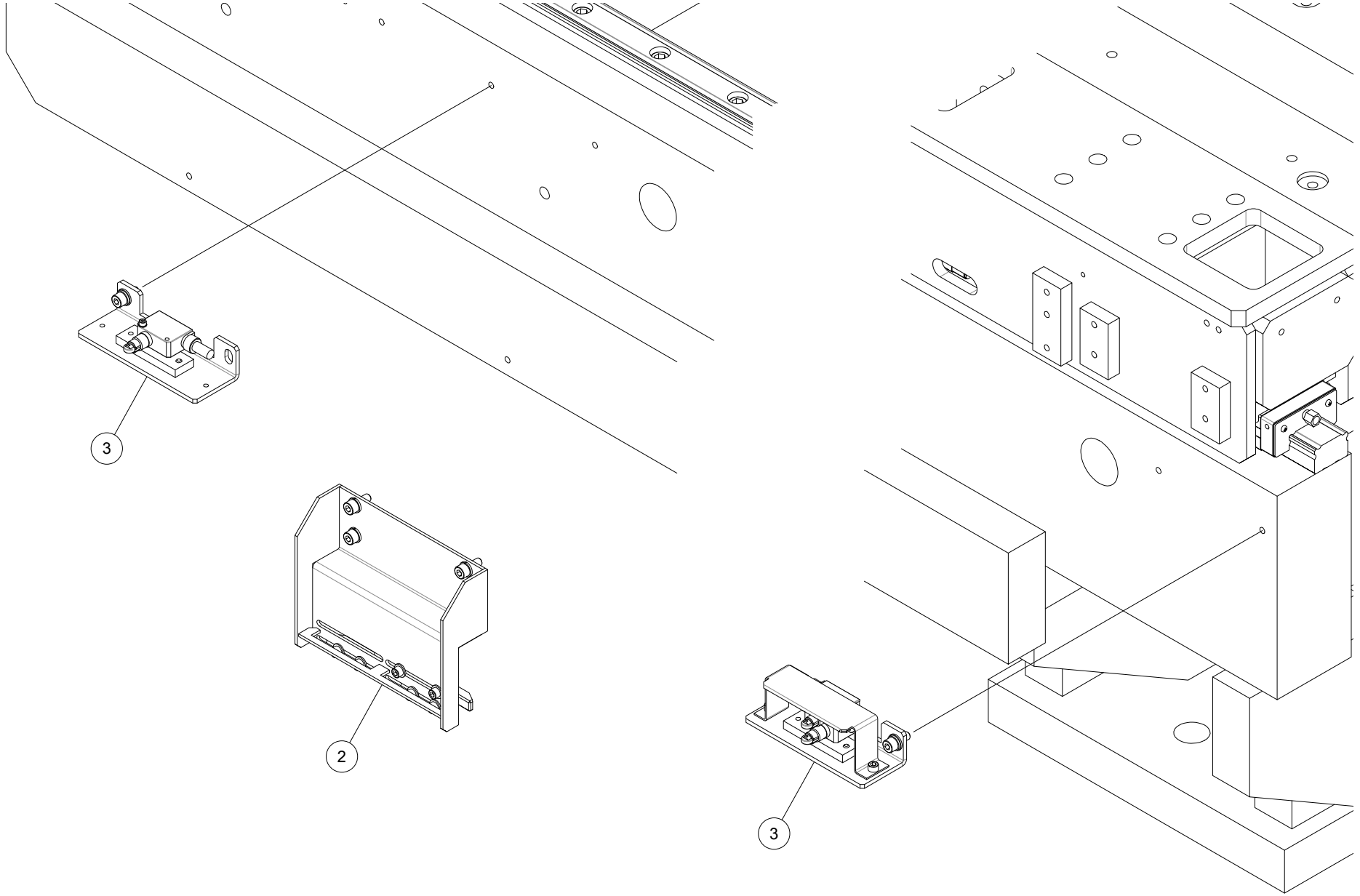
CE01682---
(6875368--B)

Unit No. 119 Electric BF EX <Amplifier Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01682---	Amplifier Box Installation	Index 2-13	1
2	74400938 6875786--B	Amplifier Box Arm L		2
3	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
4	74418523 6875787	Amplifier Box Bracket	L75X75X6	2
5	74183656 P330250005	Hex Socket Cap Screw	M12X30	6
6	74183031 P336000008	Washer JIS	12(Normal)	6
7	74732000 P382003012	Vibration Isolator BRIDGESTONE	EG0001	4
8	74418524 6875788	Spacer T6		4
9	74418525 6875789	Collar (Amplifier Box)	D20XT3.5	4
10	74903126 P330250016	Hex Socket Cap Screw MOURI	M12X85	4
11	74183031 P336000008	Washer JIS	12(Normal)	4
12	74776798 P332000007	Nut JIS	M12	4

Unit No. 119 Electric BF EX <Amplifier Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74418526 6875784	Spacer T2		4

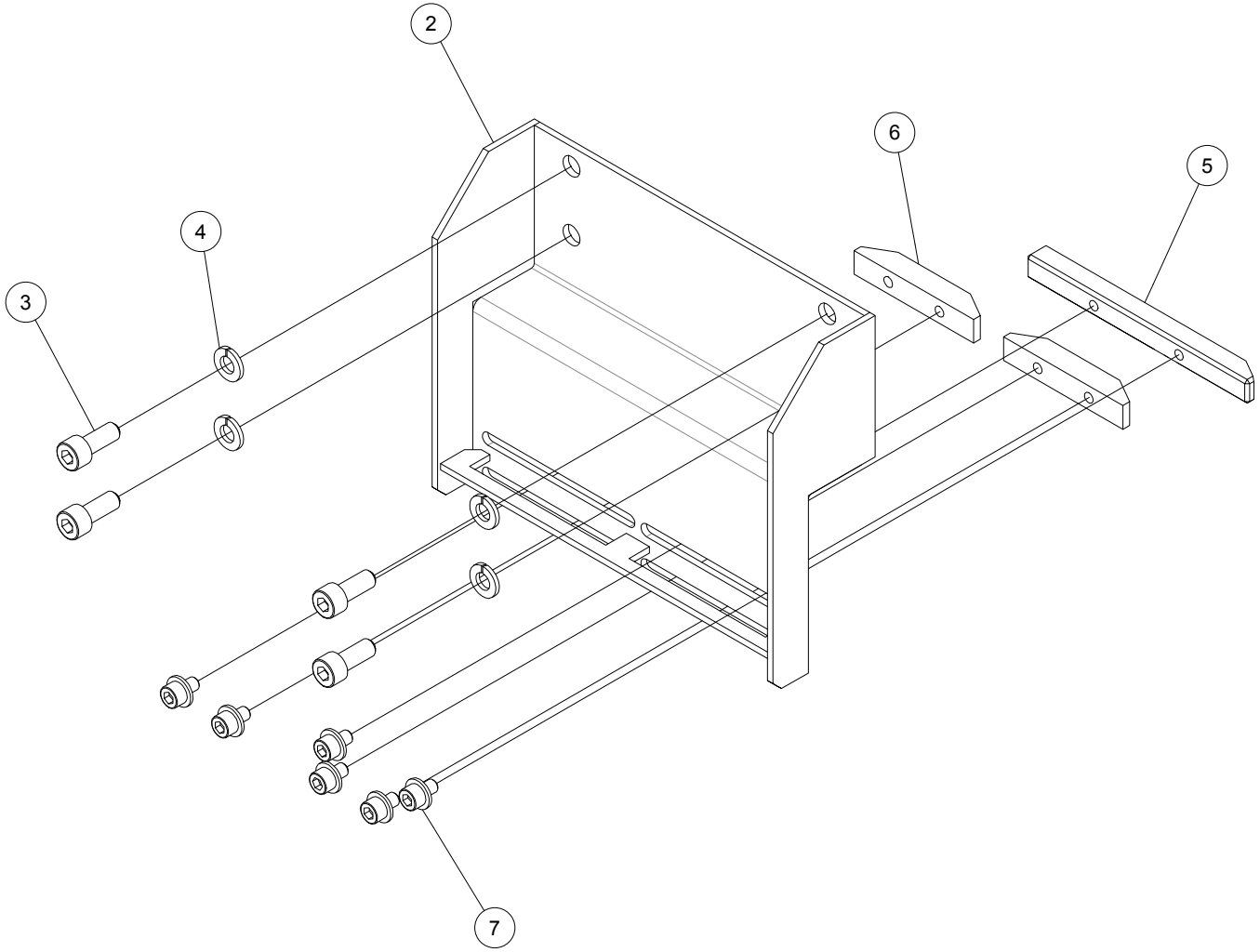


(1) Y-axis LS ASSY

CE01683---

Unit No. 120 Electric BF EX <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01683---	Y-axis LS ASSY	Index 23	1
2	3809362	Y-axis Dog Bracket ASSY		1
3	MA01592---	Y-axis LS ASSY		1

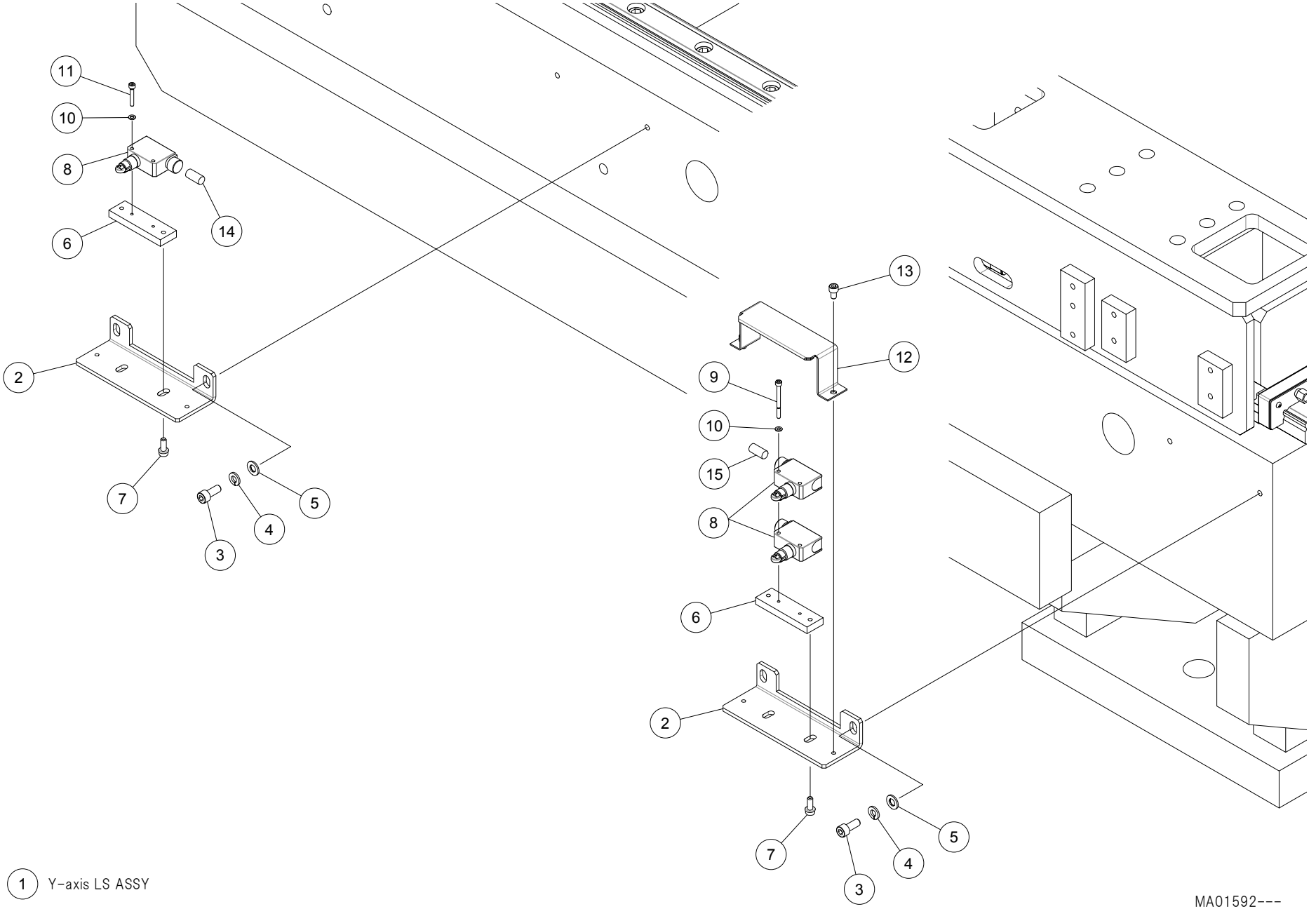


(1) Y-axis Dog Bracket ASSY

3809362

Unit No. 121 Electric BF EX <Y-axis Dog Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3809362	Y-axis Dog Bracket ASSY	Index 2-7	1
2	74811853 3806966 A	Dog Bracket Y		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74570055 6813013	Dog		1
6	74306902 0818707 A	Dog OT		2
7	74379265 P330498009	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M6X10	6



1 Y-axis LS ASSY

Unit No. 122 Electric BF EX <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01592---	Y-axis LS ASSY	Index 2-15	1
2	74811854 3806962 A	LS Bracket Y		2
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74183027 P336000006	Washer JIS	8(Normal)	4
6	74810435 3806963	Adjust Plate	F25X9-80	2
7	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
8	74560182 P828013013	Limit Switch YAMATAKE	SL1-A-E SQ253233	3
9	74567257 P330200026	Hex Socket Cap Screw MOURI	M4X45	2
10	74183022 P336000003	Washer JIS	4(Small Round)	4
11	74314402 P330200022	Hex Socket Cap Screw	M4X25	2
12	74810436 3806964	LS Cover +Y		1

Unit No. 122 Electric BF EX <Y-axis LS ASSY>

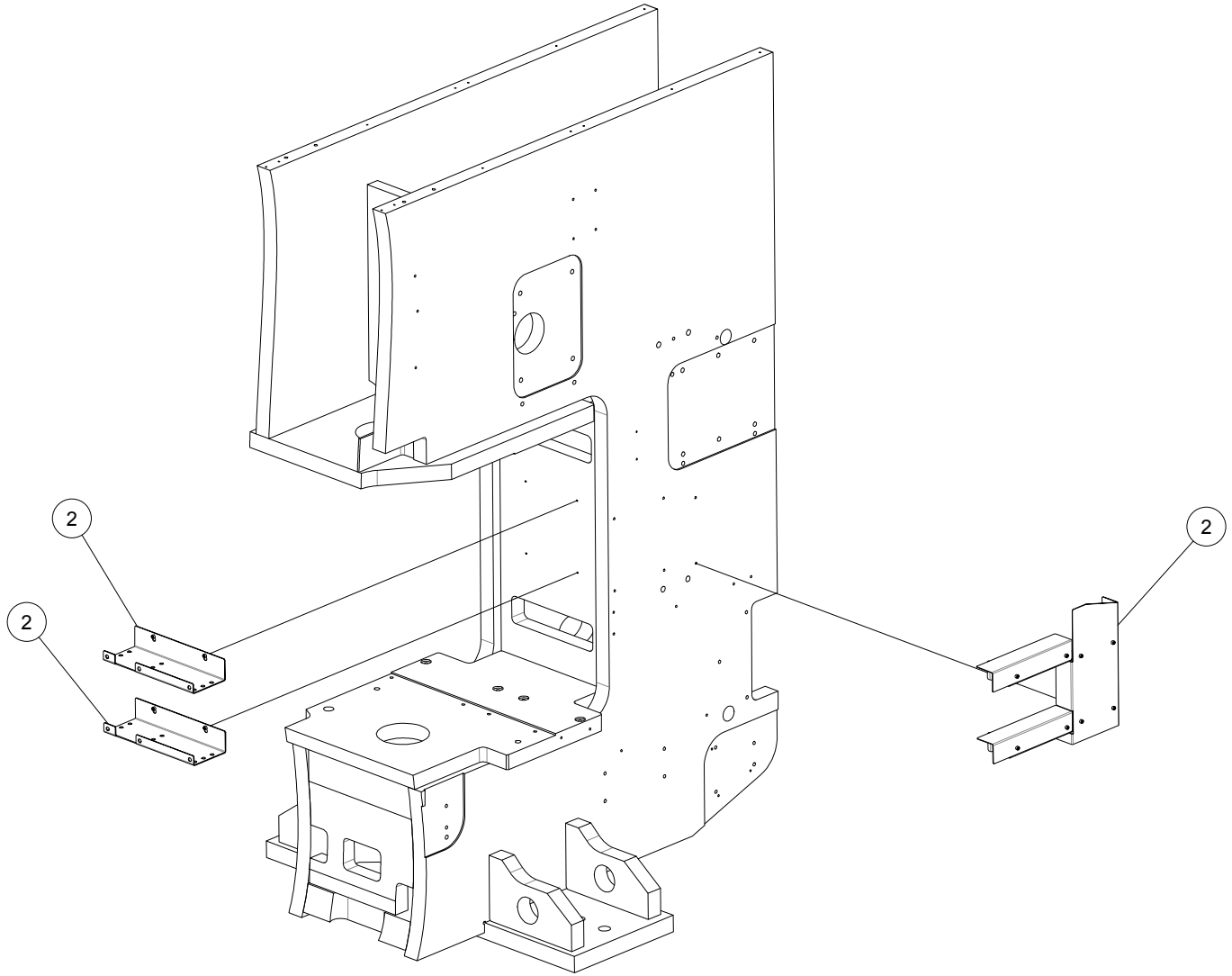
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
14	74902301 MA01595---	Cable Y-2	(SQ32)	1
15	74902302 MA01596---	Cable Y-3	(SQ3325)	1

< List Only >

CE00725---

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00725---	NC Installation	Index 2-22	1
2	74402097 CE00773---	NC Base		1
3	74183664 P330260036	Hex Socket Cap Screw	M16X60	4
4	74183032 P336000010	Washer JIS	16(Normal)	4
5	74562364 P382002035	Vibration Isolator KURASHIKI KAKO	KLB-5060	6
6	74183029 P336000007	Washer JIS	10(Normal)	6
7	74183621 P330230006	Hex Socket Cap Screw	M8X20	12
8	74183027 P336000006	Washer JIS	8(Normal)	12
9	74402098 CE00764---	Stay 1		1
10	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
11	74402099 CE00765--A	Stay 2		1
12	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304912 P330230020	Hex Socket Cap Screw	M8X90	2
14	74776796 P332000005	Nut JIS	M8	4
15	74341016 818904	Rubber Holder		2
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	8
17	74385397 P229242002	Rubber Cushion KURASHIKI KAKO	KK-3512-50	2
18	74419136 6875410	Pipe		2
19	74385399 6593617	Level Bolt		4
20	74300508 P332000012	Nut JIS	M30	4
21	74570064 P384022021	Level Adjuster TAKIGEN	KC-280-0	4
22	74776799 P332000010	Nut JIS	M20	4

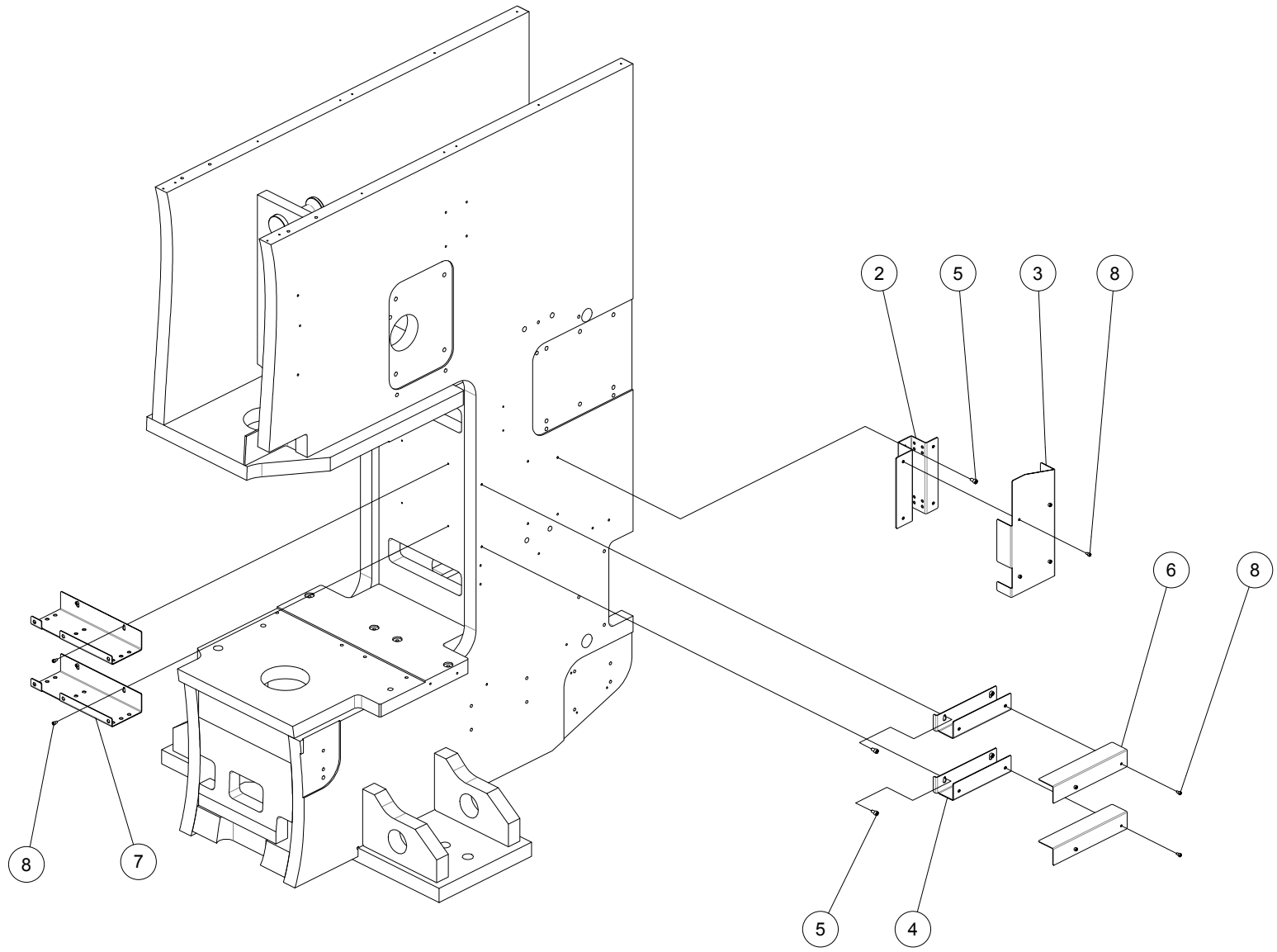


(1) Rear Duct Cover Installation TSU

CE01684---
(MA01300---)

Unit No. 124 Electric BF EX <Rear Duct Cover Installation TSU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01684---	Rear Duct Cover Installation TSU	Index 2	1
2	CE01701---	Duct S ASSY		1

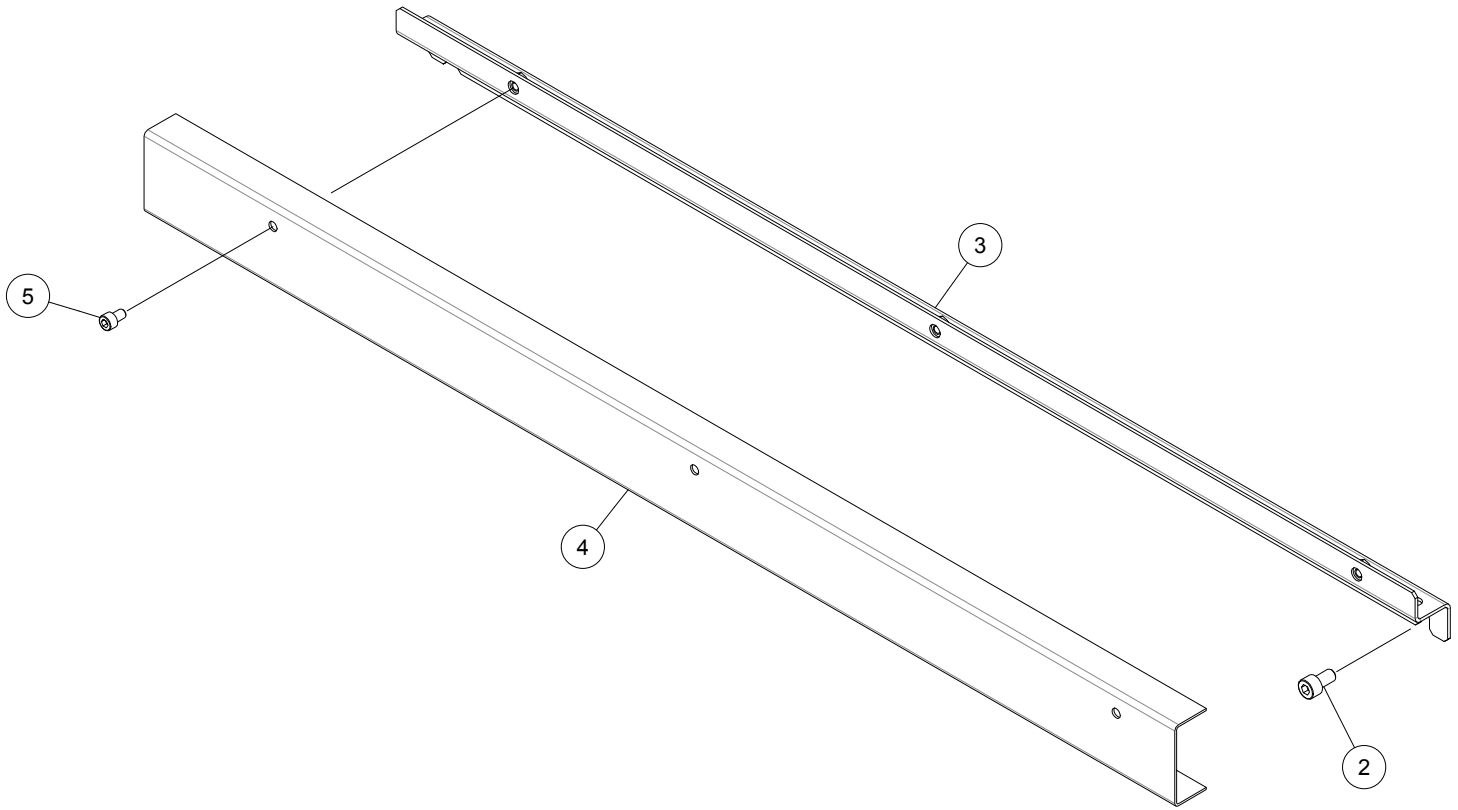


(1) Duct S ASSY

CE01701---
(MA01312---)

Unit No. 125 Electric BF EX <Duct S ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01701---	Duct S ASSY	Index 2-9	1
2	74402100 MA01302--A	Duct for Wiring RL		1
3	74402104 MA01305--B	Wiring Cover RL		1
4	74902267 MA01303--B	Duct for Wiring RS		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
6	74902269 MA01306---	Wiring Cover RS		1
7	74902270 MA01314--A	Duct for Wiring FR		1
8	74776743 P330220003	Hex Socket Cap Screw	M6X10	8
9	74402105 CE01724--A	Plate for Cable	List Only	1

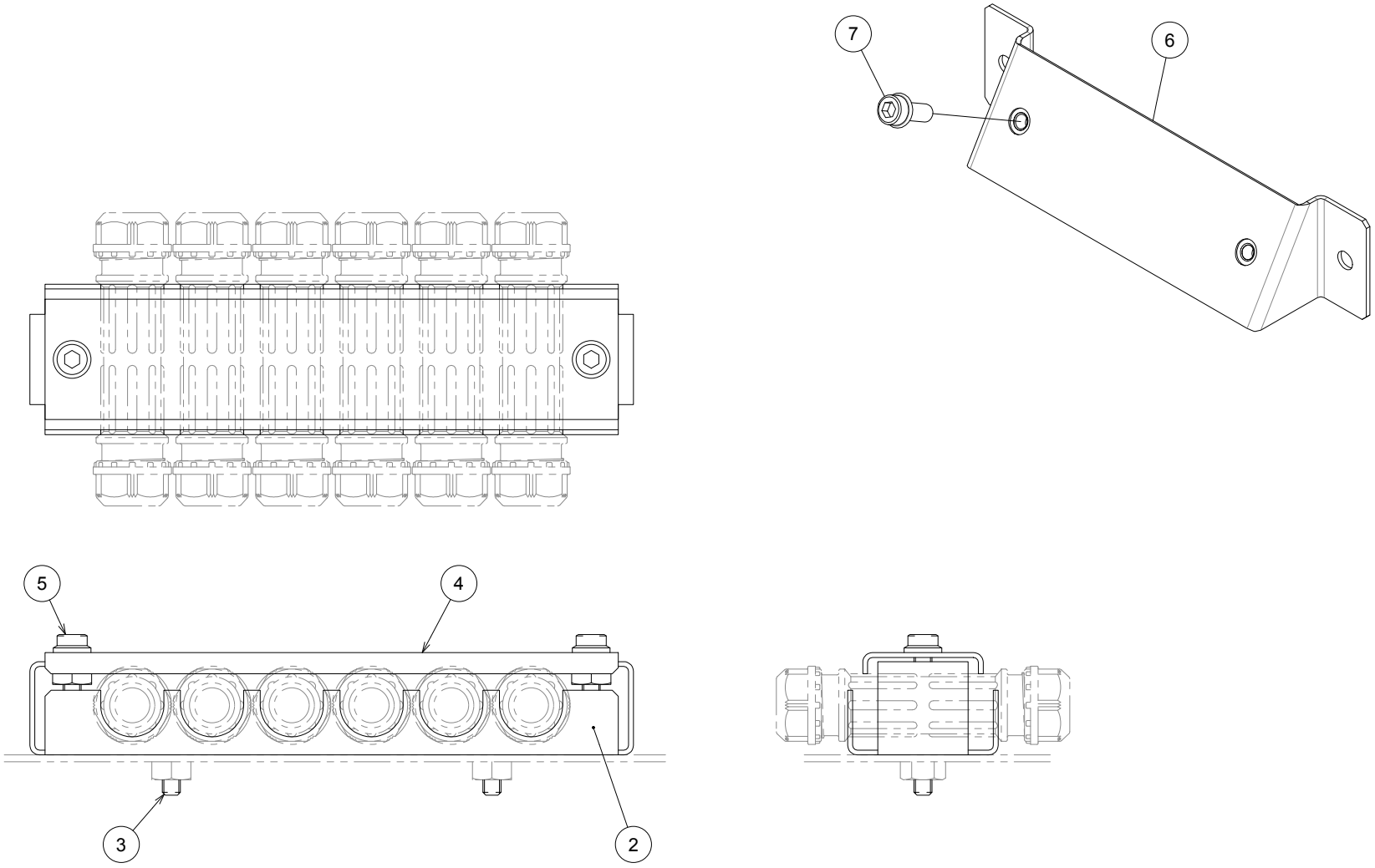


(1) Duct DU ASSY

CE01685---

Unit No. 126 Electric BF EX <Duct DU ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01685---	Duct DU ASSY	Index 2-5	1
2	74183620 / P330230004	Hex Socket Cap Screw	M8X15	2
3	74402106 / CE01722---	Duct Du		1
4	74402107 / CE01723---	Duct Cover Du		1
5	74776743 / P330220003	Hex Socket Cap Screw	M6X10	3



(1) A-axis Wiring ASSY

MA03796---

Unit No. 127 Electric BF EX <A-axis Wiring ASSY>

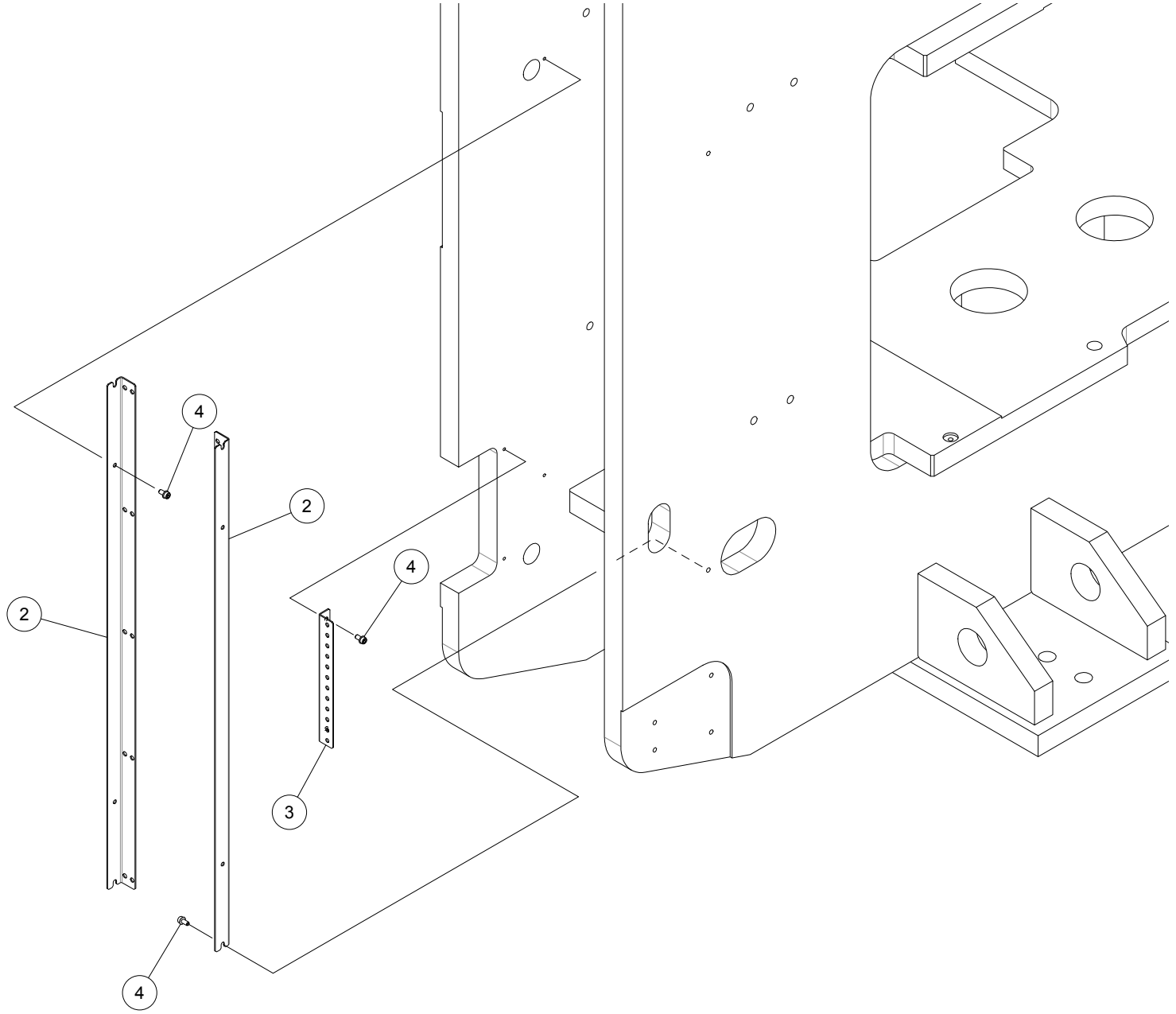
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03796---	A-axis Wiring ASSY	Index 2-7	1
2	74453229 3830416	Fixing Bracket 1		2
3	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
4	74453230 3830417 A	Fixing Bracket 2		2
5	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
6	74902403 MA02723---	Insulating Pipe Bracket		1
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2

< List Only >

CE01686---

Unit No. 128 Electric BF EX <Duct Cover for Wiring ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01686---	Duct Cover for Wiring ASSY	Index 2-12	1
2	74402111 / CE01720---	Duct 2		1
3	74402112 / CE01721---	Duct Cover 2		1
4	74902587 / MA03819---	Duct 1		1
5	74902588 / MA03820---	Duct Cover 1		1
6	74402113 / CE00766---	Cable Base		1
7	74902325 / MA02553---	Cable Branch Panel		1
8	74902326 / MA02556--A	Cover		1
9	74776780 / P330468037	Flange Socket Bolt / NISSAN NEJI	M12X25	2
10	74560920 / P330468026	Flange Socket Bolt / NISSAN NEJI	M6X12	6
11	74776775 / P330468015	Flange Socket Bolt / NISSAN NEJI	M6X10	7
12	74776772 / P330468003	Flange Socket Bolt / NISSAN NEJI	M8X25	4



(1) Duct for Wiring T ASSY

MA03806---

Unit No. 129 Electric BF EX <Duct for Wiring T ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Duct for Wiring T ASSY		1
	MA03806---		Index 2-4	
2	74902328	Duct T		2
	MA02567---			
3	74902329	Duct for Wiring T		1
	MA02568---			
4	74382078	Flange Socket Bolt	M8X15	6
	P330468006	NISSAN NEJI		

< List Only >

CE00544---

Unit No. 130 Electric BF EX <Wiring Cover ASSY B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00544---	Wiring Cover ASSY B	Index 2-9	1
2	74902703 MA05250---	Cover Bracket S		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74902834 MA06621---	Wiring Cover S		1
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	3
6	74402114 MA06622---	Cover S		1
7	74183302 P334500013	Button Head Screw	M6X10	3
8	74402115 CE00767---	Wiring Cover Y		1
9	74183620 P330230004	Hex Socket Cap Screw	M8X15	3

< List Only >

MA05208---

Unit No. 131 Electric BF EX <Jumper Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05208---	Jumper Connector ASSY	Index 2-7	1
2	74902381 / MA02671--A	Jumper Connector L-1		1
3	74902382 / MA02672---	Jumper Connector S-13		1
4	74902342 / MA02610---	Jumper Connector S-60		1
5	74902626 / MA04201---	Jumper Connector S-46		1
6	74902627 / MA04202---	Jumper Connector S-48		1
7	74902628 / MA04203---	Jumper Connector SM		1

< List Only >

CE00728---

Unit No. 132 Electric BF EX <Motor Cable ASSY 3612>

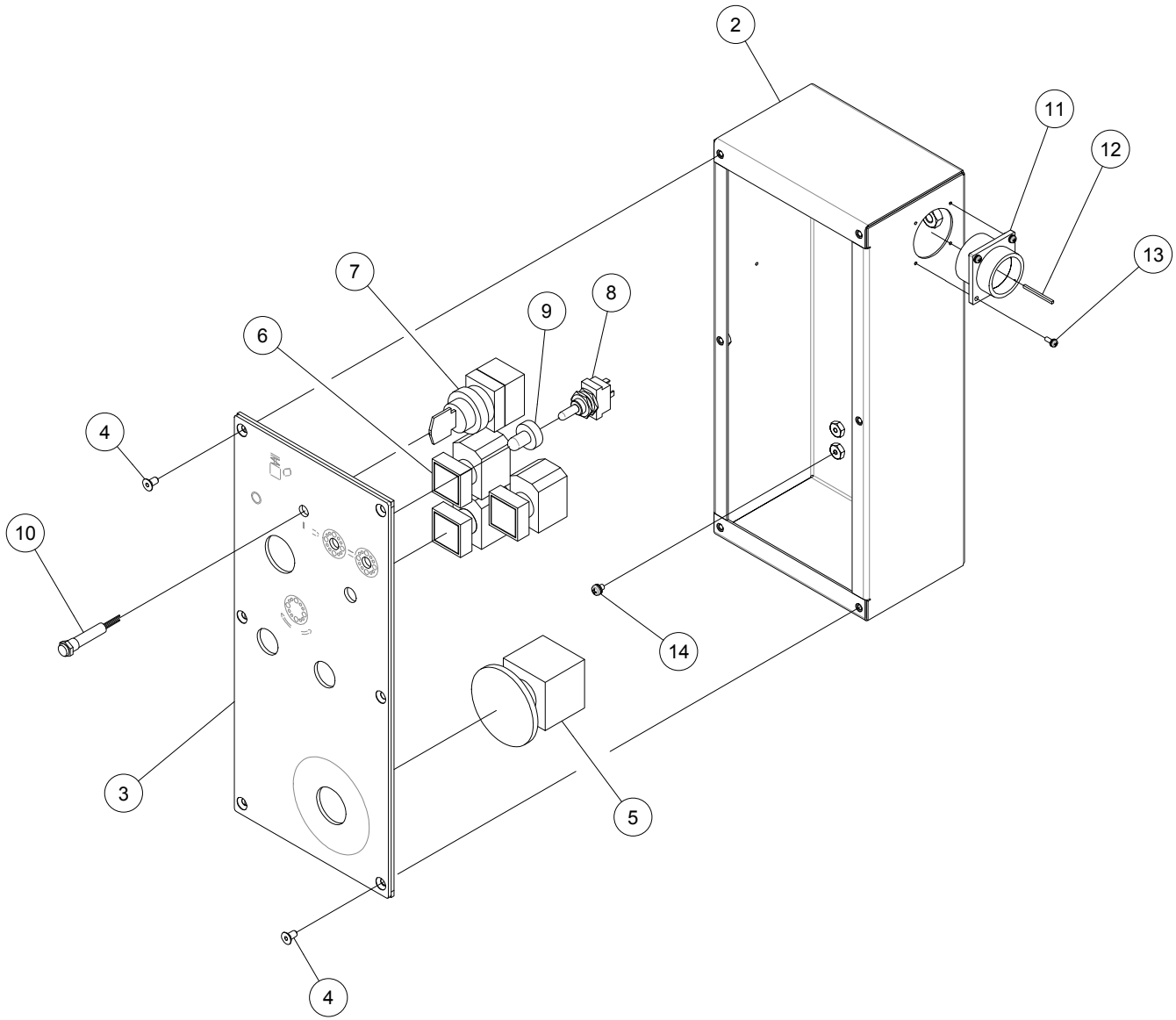
Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE00728---	Motor Cable ASSY 3612	 Index 2-8	1
2	74402116 CE00768---	X-axis Motor Cable		1
3	74402117 CE00769---	X-axis Signal Cable		1
4	74402118 CE00770---	YP-axis Motor Cable		1
5	74402119 CE00771---	YP-axis Signal Cable		1
6	74902387 MA02684--B	Thermal Sensor Cable TH		1
7	74902589 MA03824--B	P Motor Cable PA		1
8	74902590 MA03825--B	P Motor Cable PB		1

< List Only >

WA00373---

Unit No. 133 Electric BF EX <DU Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00373---	DU Cable ASSY	Index 2-6	1
2	74403042 MA04081--A	Cable TMDU		1
3	74902630 MA04213--A	Cable SPS6-1	(YV339)	1
4	74902623 MA04194---	Cable SPS6 (1)	Index 56	1
5	74382121 P557032011	Silencer SMC	AN120-M5	1
6	74903293 P558408005	Process Pump SMC	PB1011A-01-N YV339	1



(1) Sub Control Box ASSY EX

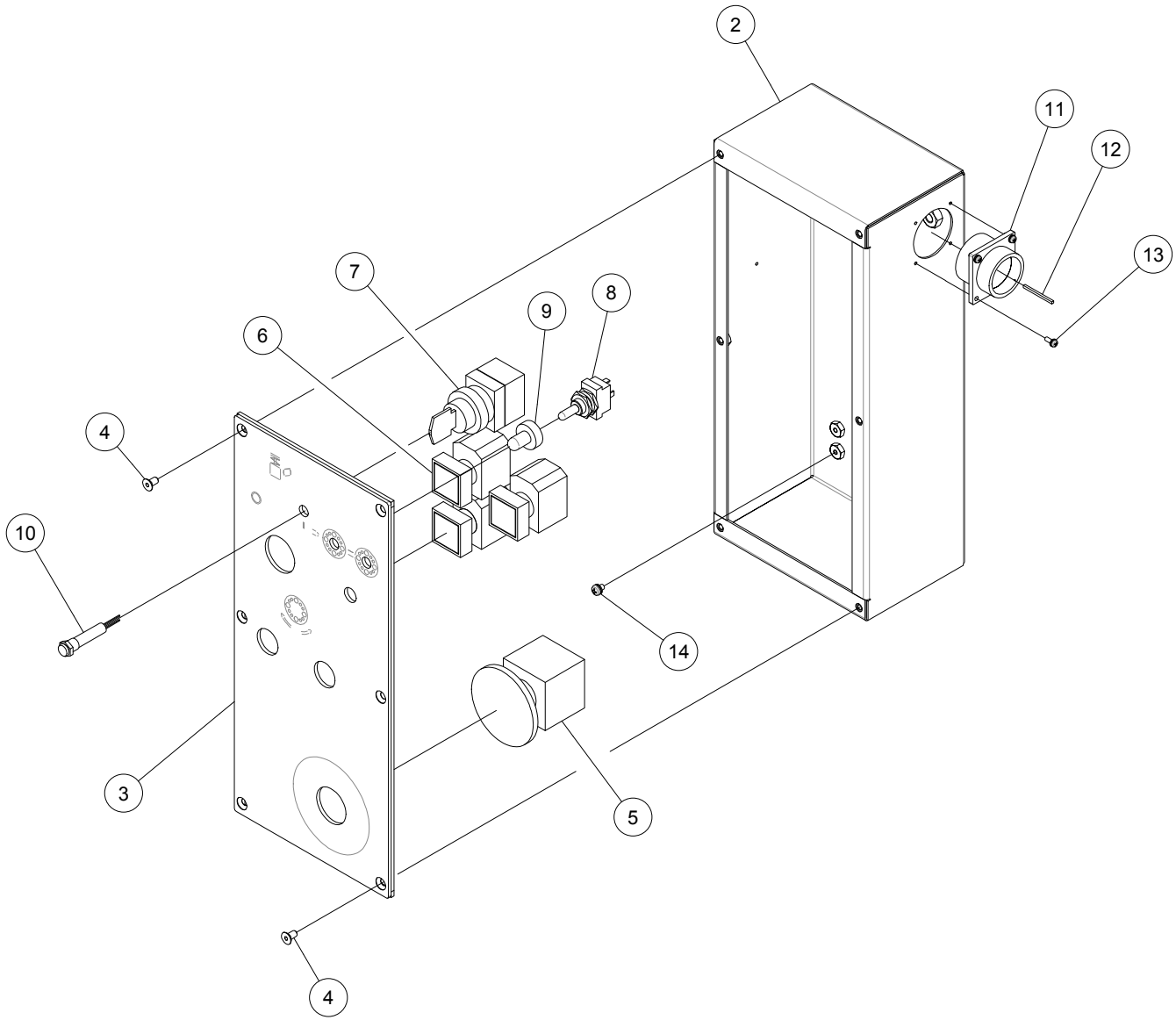
CE00574---
(MA03905---)

Unit No. 134 Electric BF EX <Sub Control Box ASSY EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box ASSY EX		1
	CE00574---		Index 2-14	
2	74902264	Sub Control Box		1
	MA01291---			
3	74402141	Name Plate EX		1
	CE00575---			
4	74377124	Flat Head Bolt	M5X10	6
	P334520006	NISSAN NEJI		
5	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
6	74570049	Push Button Switch	AR22F0S-10W-Z037	3
	P821084087	FUJI Electric		
7	74402121	Key Select Switch	AR30JR-2D10A	1
	P820014298	FUJI Electric		
8	74415121	Toggle Switch	SDT-110G-02SCAU	1
	7833079	SHINDEN		
9	74308629	Accessory for Toggle Switch	WD1911	1
	P823088001	Panasonic		
10	74903442	Indicator Apparatus	BD-1612G-24	3
	P843018006	OKAYA		
11	74306805	Plastic Round Connector	206151-1	1
	P862032006	AMP	37P	
12	74903444	Plug Type Terminal	66103-2	20
	P862142012	AMP		

Unit No. 134 Electric BF EX <Sub Control Box ASSY EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	4
14	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3



(1) Sub Control Box ASSY CHINA

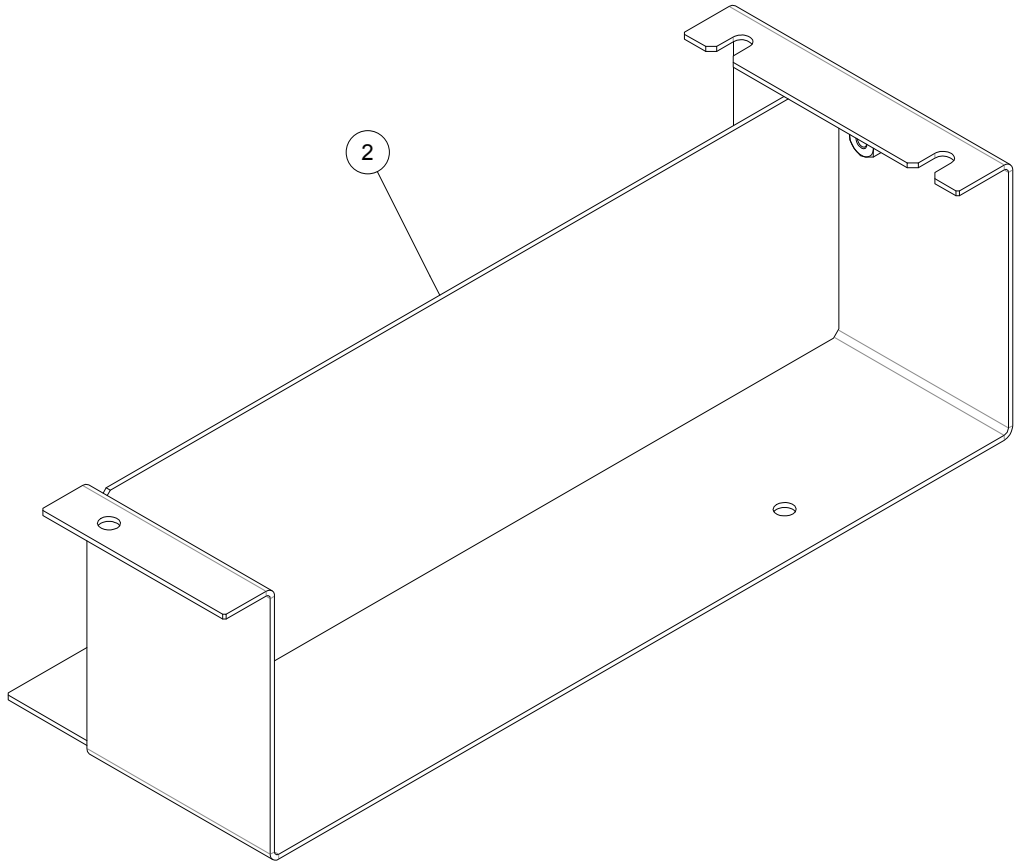
CE00572---
(MA03905---)

Unit No. 135 Electric BF EX <Sub Control Box ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box ASSY CHINA		1
	CE00572---		Index 2-14	
2	74902264	Sub Control Box		1
	MA01291---			
3	74402142	Name Plate CHINA		1
	CE00573---			
4	74377124	Flat Head Bolt	M5X10	6
	P334520006	NISSAN NEJI		
5	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
6	74570049	Push Button Switch	AR22F0S-10W-Z037	3
	P821084087	FUJI Electric		
7	74402121	Key Select Switch	AR30JR-2D10A	1
	P820014298	FUJI Electric		
8	74415121	Toggle Switch	SDT-110G-02SCAU	1
	7833079	SHINDEN		
9	74308629	Accessory for Toggle Switch	WD1911	1
	P823088001	Panasonic		
10	74903442	Indicator Apparatus	BD-1612G-24	3
	P843018006	OKAYA		
11	74306805	Plastic Round Connector	206151-1	1
	P862032006	AMP	37P	
12	74903444	Plug Type Terminal	66103-2	20
	P862142012	AMP		

Unit No. 135 Electric BF EX <Sub Control Box ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	4
14	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3

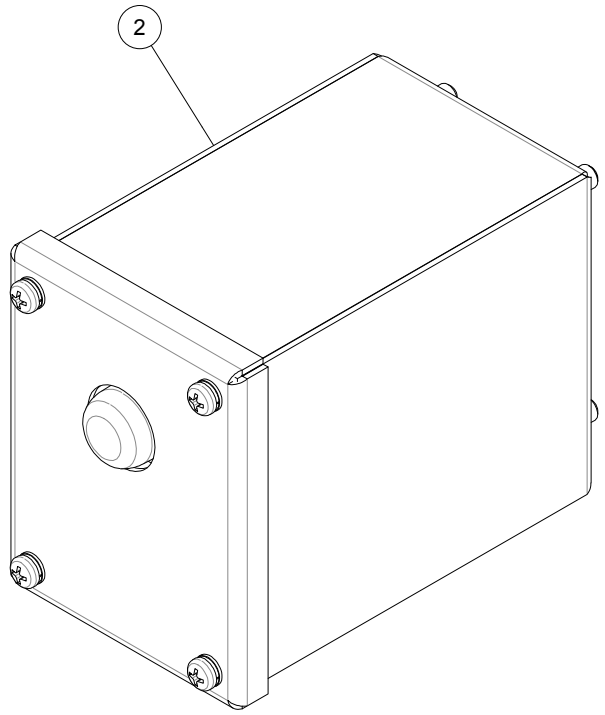


(1) Sub Control Box Installation

CE00730---

Unit No. 136 Electric BF EX <Sub Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box Installation		1
	CE00730---		Index 2-4	
2	74902265	Sub Control Box Bracket		1
	MA01293---			
3	74382078	Flange Socket Bolt	M8X15	3
	P330468006	NISSAN NEJI	List Only	
4	74183620	Hex Socket Cap Screw	M8X15	3
	P330230004		List Only	

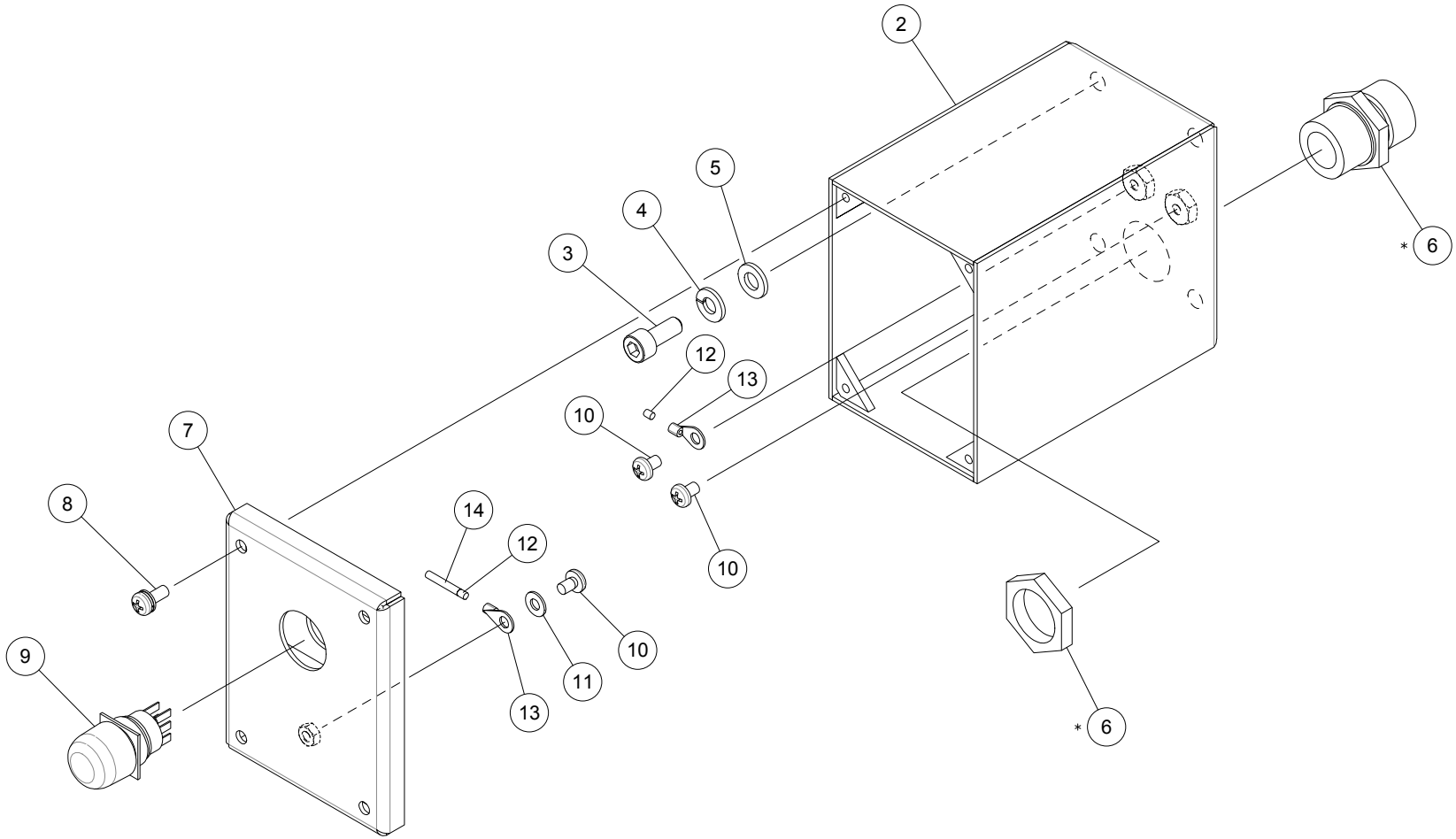


(1) Auxiliary Switch ASSY EX

CE01707---
(MA02636---)

Unit No. 137 Electric BF EX <Auxiliary Switch ASSY EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01707---	Auxiliary Switch ASSY EX	Index 2-4	1
2	MA02636---	Auxiliary Switch Box ASSY		1
3	74902363 MA02638---	Cable S-6	List Only	1
4	74307484 6502741	Turret Sticker Export	List Only	1



(1) Auxiliary Switch Box ASSY

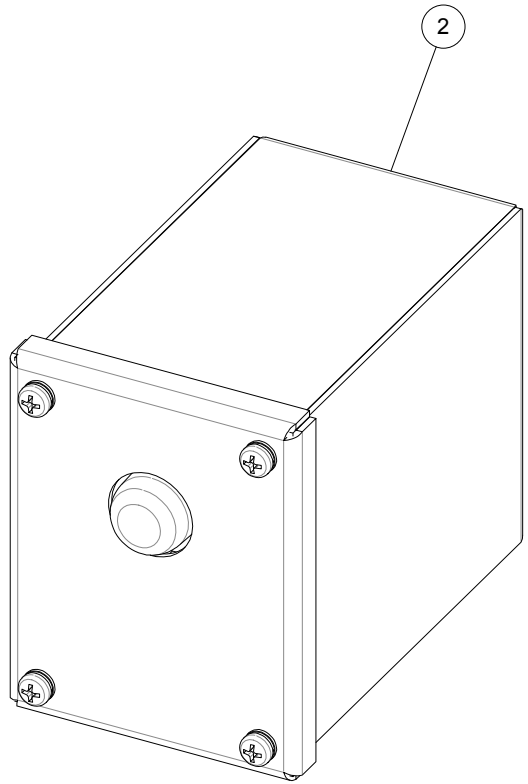
MA02636---

Unit No. 138 Electric BF EX <Auxiliary Switch Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02636---	Auxiliary Switch Box ASSY	Index 2-14	1
2	74385959 6594604	Switch Box		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
4	74178737 P336050005	Spring Washer JIS	6	4
5	74159714 P336000005	Washer JIS	6(Normal)	4
6	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
7	74902362 MA02637---	Lid		1
8	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
9	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
10	74183225 P334100016	Pan Head Screw JIS	M4X6	3
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74489972 P869220210	Marker Tube	1.25	2

Unit No. 138 Electric BF EX <Auxiliary Switch Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1

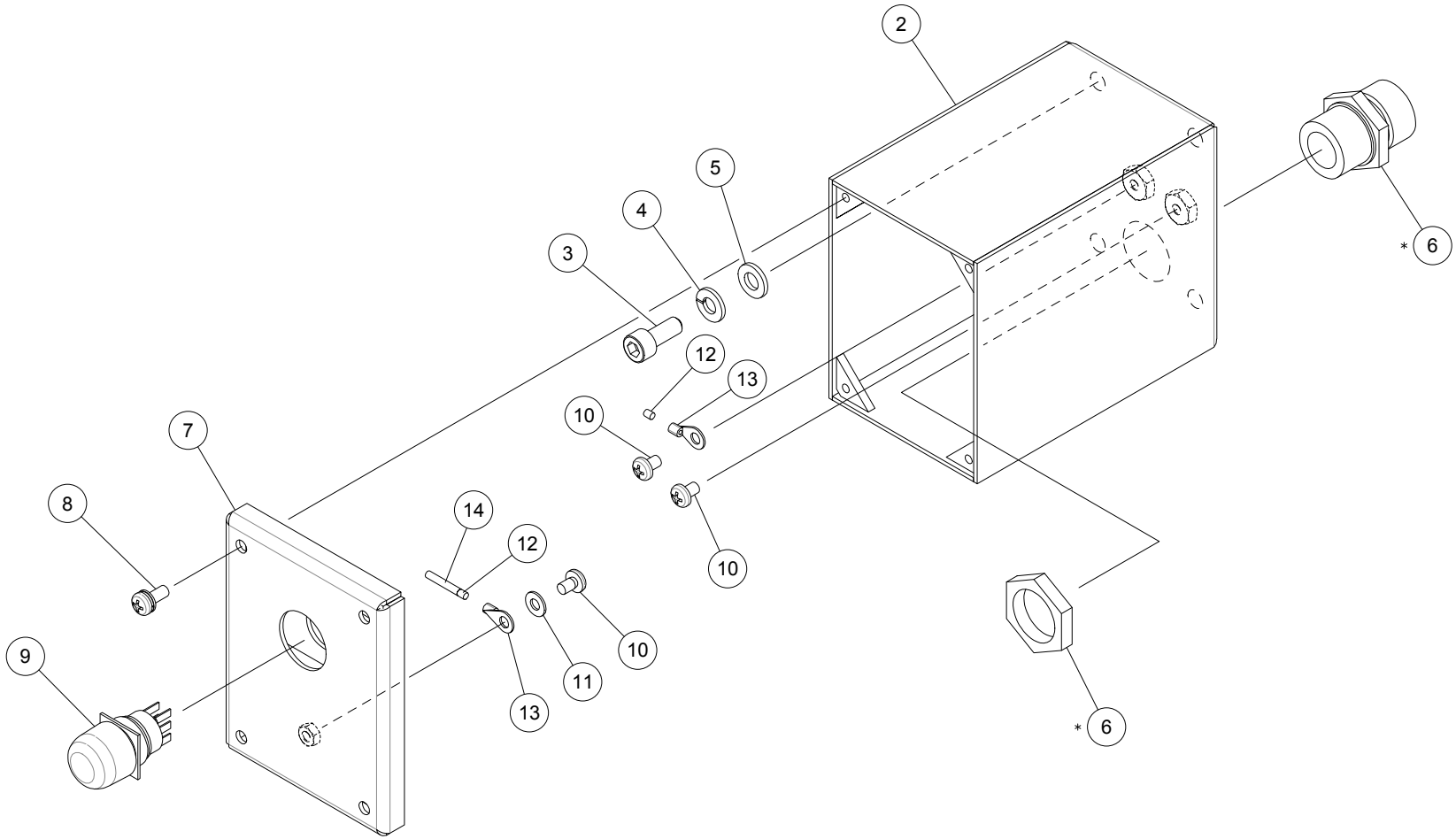


(1) Auxiliary Switch ASSY CHINA

CE01706---
(MA02636---)

Unit No. 139 Electric BF EX <Auxiliary Switch ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01706---	Auxiliary Switch ASSY CHINA	Index 2-4	1
2	MA02636---	Auxiliary Switch Box ASSY		1
3	74902363 MA02638---	Cable S-6	List Only	1
4	74451280 6817533 A	Turret Sticker CHINA	List Only	1



(1) Auxiliary Switch Box ASSY

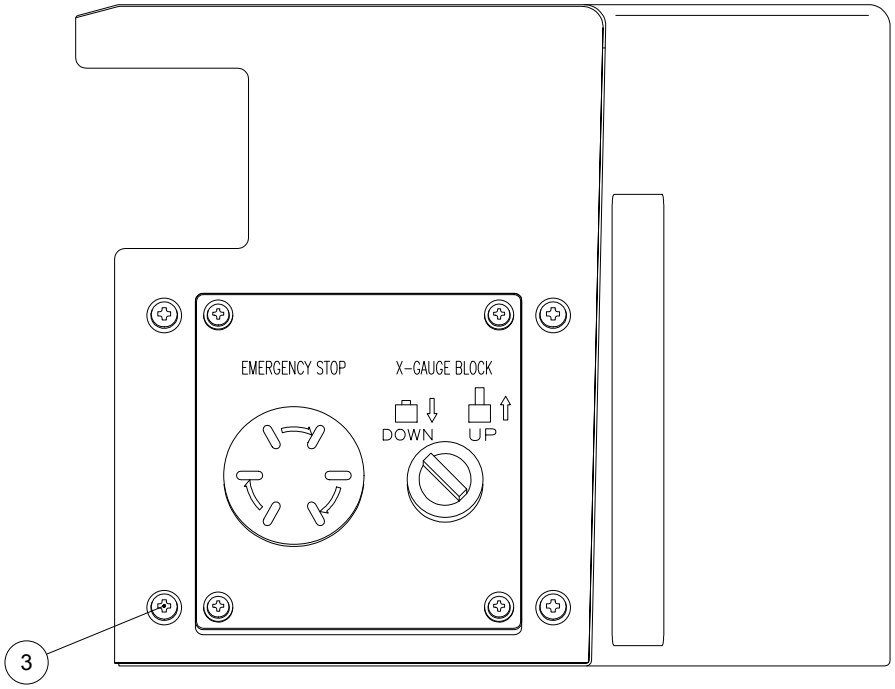
MA02636---

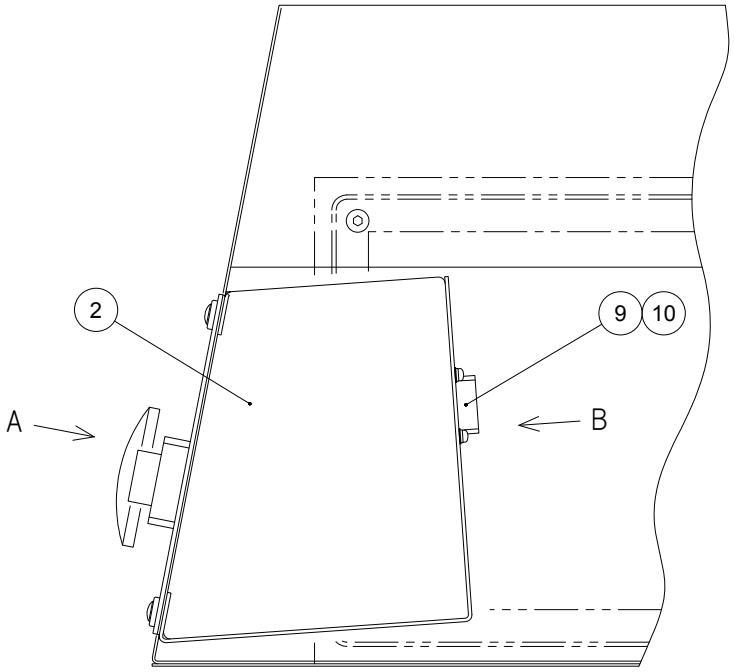
Unit No. 140 Electric BF EX <Auxiliary Switch Box ASSY>

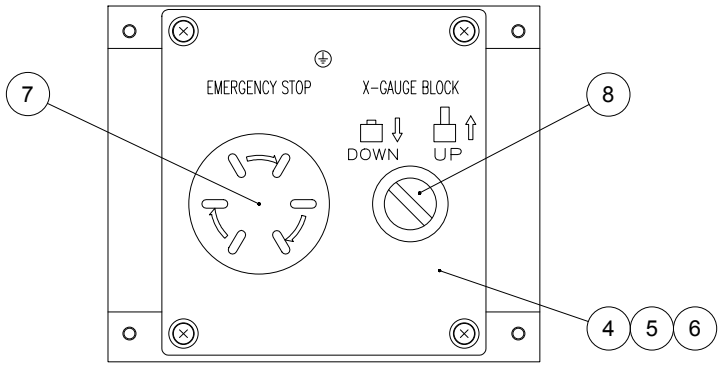
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02636---	Auxiliary Switch Box ASSY	Index 2-14	1
2	74385959 6594604	Switch Box		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
4	74178737 P336050005	Spring Washer JIS	6	4
5	74159714 P336000005	Washer JIS	6(Normal)	4
6	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
7	74902362 MA02637---	Lid		1
8	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
9	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
10	74183225 P334100016	Pan Head Screw JIS	M4X6	3
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74489972 P869220210	Marker Tube	1.25	2

Unit No. 140 Electric BF EX <Auxiliary Switch Box ASSY>

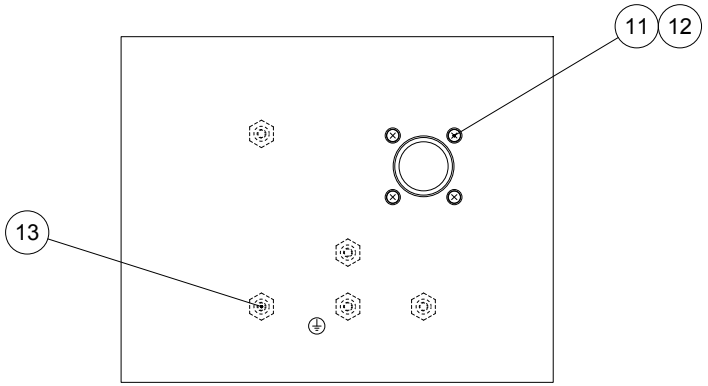
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1







VIEW A



VIEW B

(1) CR Control Box ASSY CE

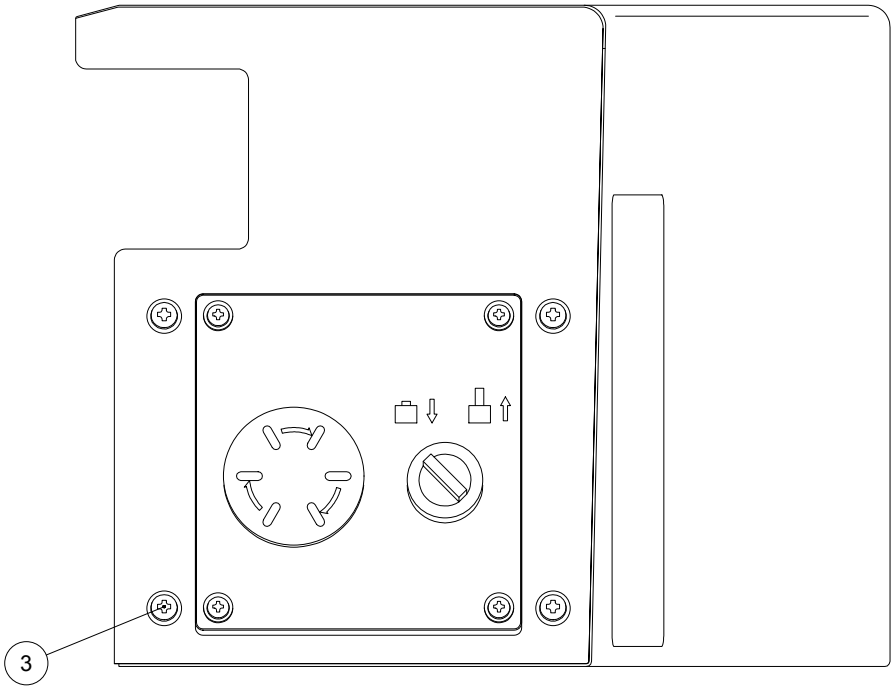
6820273--A

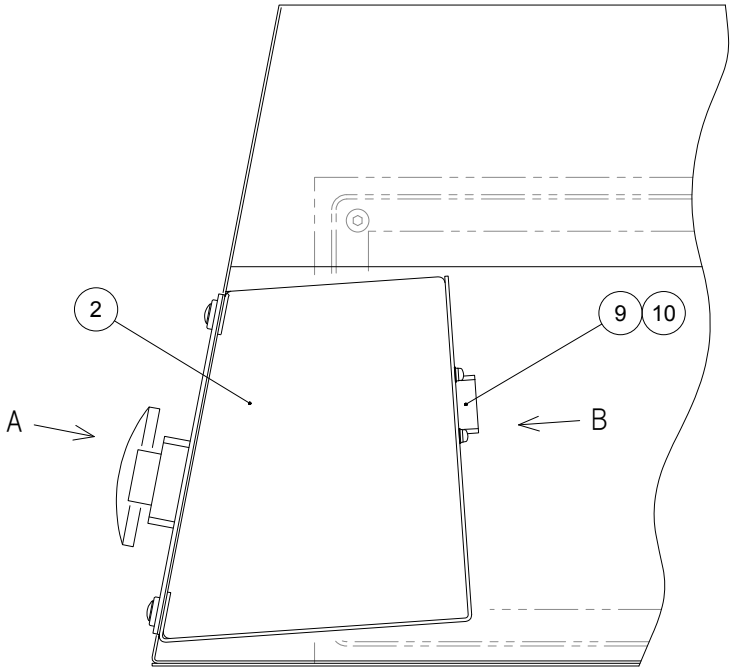
Unit No. 141 Electric BF EX <CR Control Box ASSY CE>

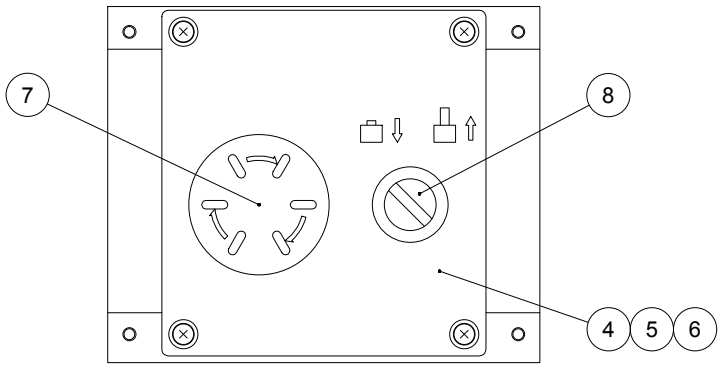
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		CR Control Box ASSY CE		1
	6820273--A		Index 2-13	
2	74902076	CR Control Box		1
	6596126--C			
3	74722795	Finger Screw	Decorative Screw NO.3-M6X15	4
	P338048002	Tokyo Byora		
4	74570050	Name Plate CE		1
	6820274			
5	74386246	Packing		1
	6593673			
6	74712730	Finger Screw	Faced Screw -NO.2-M5X10	4
	P338048001	Tokyo Byora		
7	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
8	74777232	Key Select Switch	AR30PR-210B-Z037	1
	P820004083	FUJI Electric		
9	74521705	Plastic R Connector	206036-1	1
	P862032003	AMP		
10	74450170	Plug Type Terminal	66099-3	9
	P862142082	AMP		
11	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
12	74183201	Nut	M3	4
	P332000001	JIS		

Unit No. 141 Electric BF EX <CR Control Box ASSY CE>

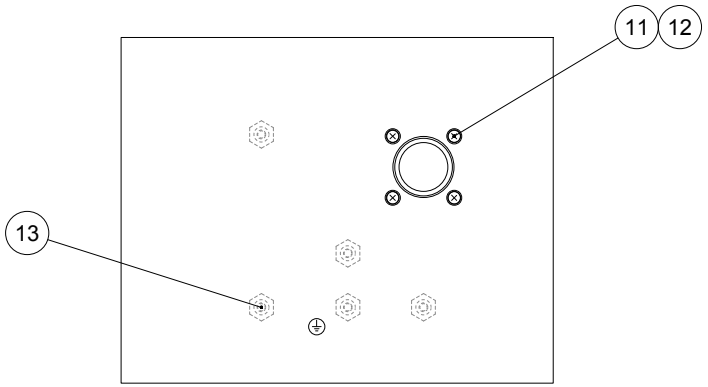
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	6







VIEW A



VIEW B

(1) CR Control Box ASSY CHINA

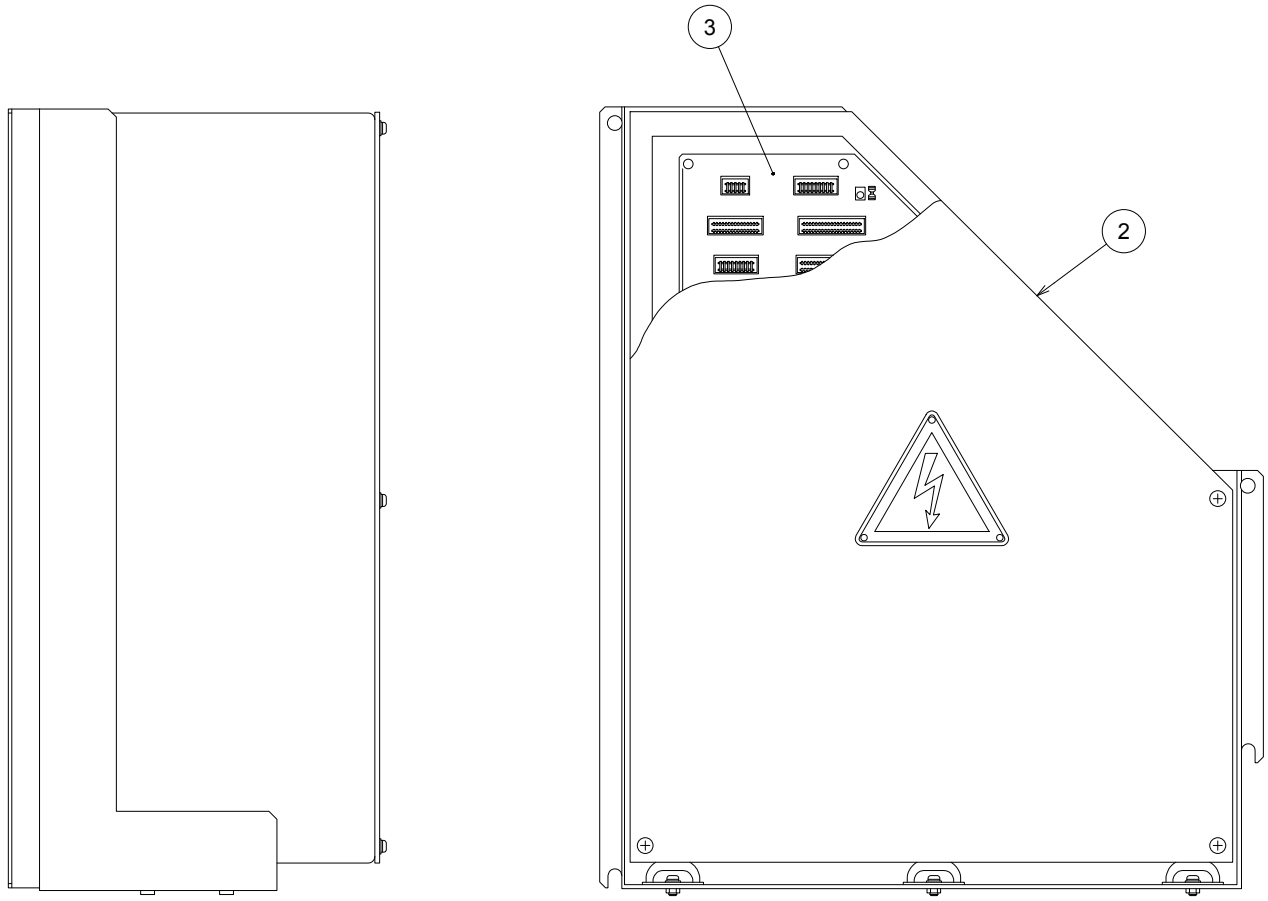
6817903---
(6820273--A)

Unit No. 142 Electric BF EX <CR Control Box ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		CR Control Box ASSY CHINA		1
	6817903---		Index 2-13	
2	74902076	CR Control Box		1
	6596126--C			
3	74722795	Finger Screw	Decorative Screw NO.3-M6X15	4
	P338048002	Tokyo Byora		
4	74400913	Name Plate		1
	6817797			
5	74386246	Packing		1
	6593673			
6	74712730	Finger Screw	Faced Screw -NO.2-M5X10	4
	P338048001	Tokyo Byora		
7	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
8	74777232	Key Select Switch	AR30PR-210B-Z037	1
	P820004083	FUJI Electric		
9	74521705	Plastic Round Connector	206036-1	1
	P862032003	AMP		
10	74384510	Plug Type Terminal	66400-1	9
	P862142020	AMP		
11	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
12	74183201	Nut	M3	4
	P332000001	JIS		

Unit No. 142 Electric BF EX <CR Control Box ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	6

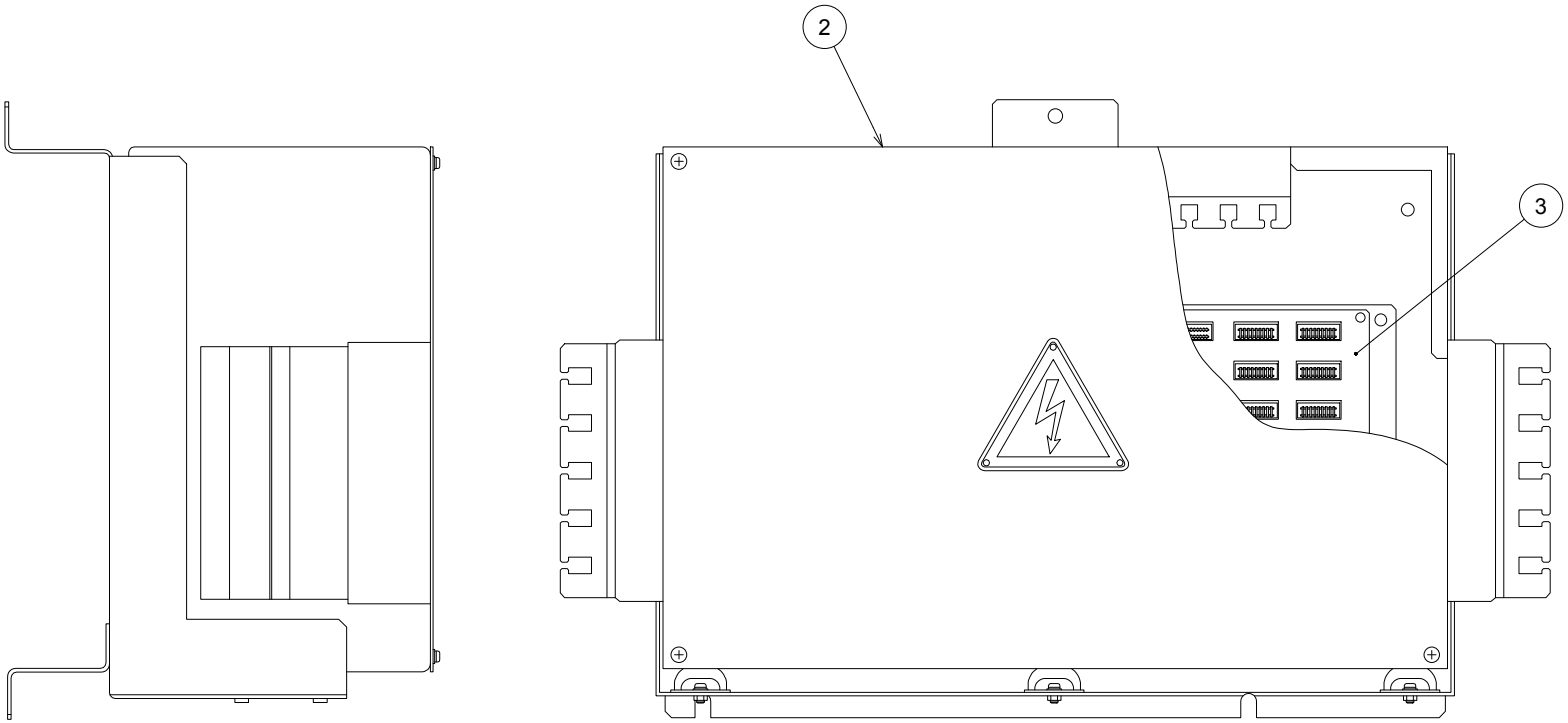


(1) Y Junction Box ASSY

7835585---
7835694---

Unit No. 143 Electric BF EX <Y Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Y Junction Box ASSY		1
	7835585---		Index 23	
2	74402122	Y Junction Box ASSY		1
	7835694---	SANKO Electronics		
3	74402123	NEMLY Board		1
	7856152---	SANKO Electronics		

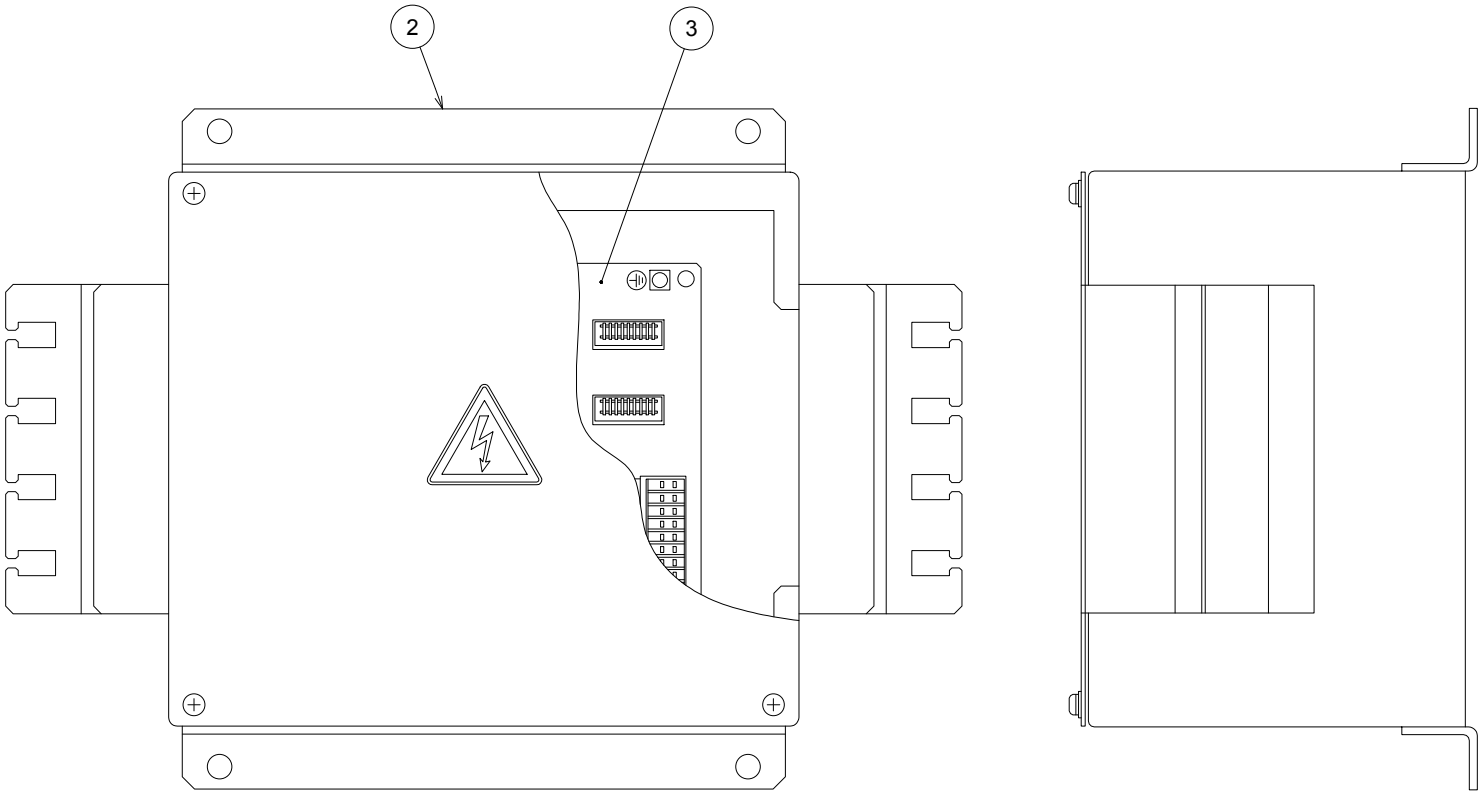


(1) S Junction Box ASSY

7835621---
7835695---

Unit No. 144 Electric BF EX <S Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7835621---	S Junction Box ASSY	Index 23	1
2	74402124 / 7835695---	S Junction Box ASSY / SANKO Electronics		1
3	74402125 / 7856153---	NEMLS Board / SANKO Electronics		1

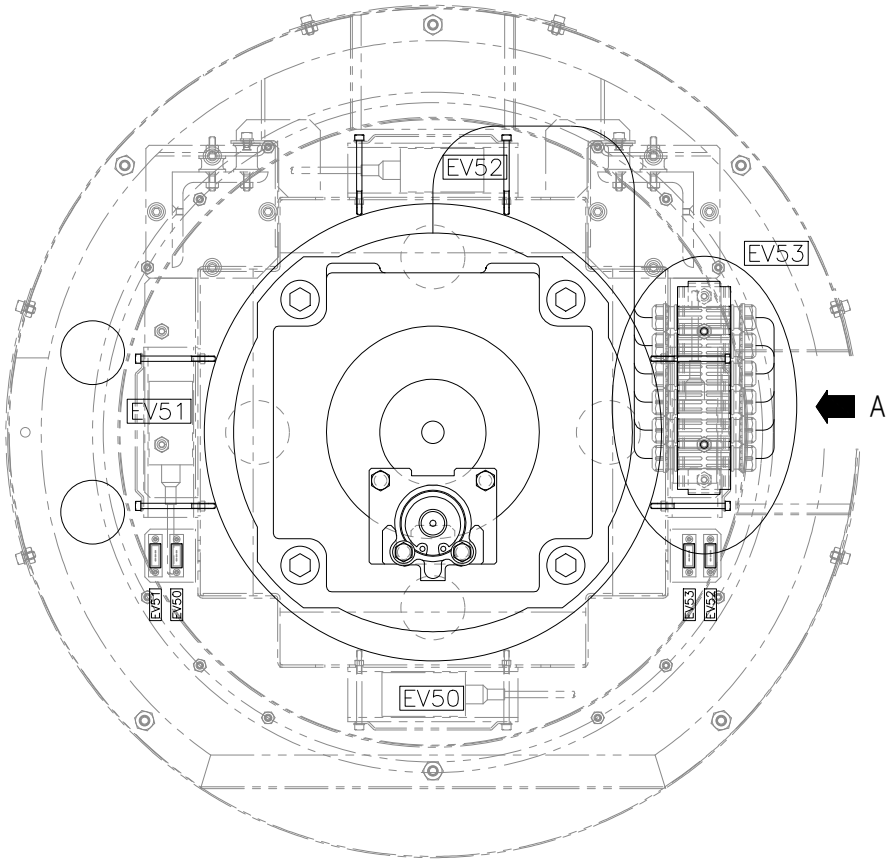


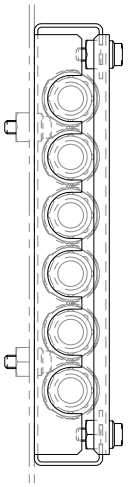
(1) DU Junction Box ASSY

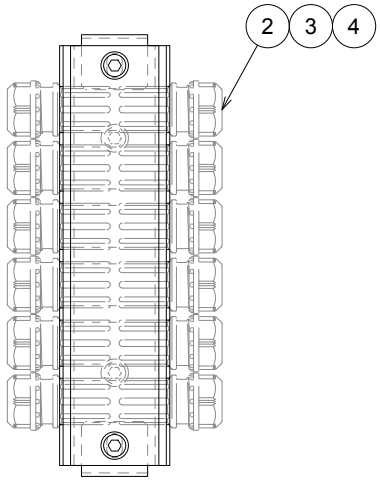
7835588---
7835696---

Unit No. 145 Electric BF EX <DU Junction Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1		DU Junction Box ASSY		1
	7835588---		Index 23	
2	74402126	DU Junction Box		1
	7835696---	SANKO Electronics		
3	74402127	NEMLDU Board		1
	7856156---	SANKO Electronics		







DETAIL A

(1) Insulating Pipe ASSY

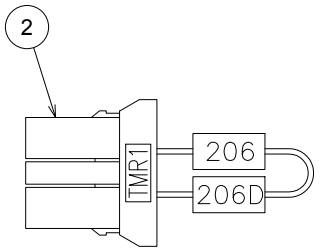
3831658
(6884911)

Unit No. 146 Electric BF EX <Insulating Pipe ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Insulating Pipe ASSY		1
	3831658		Index 2-4	
2	74812940	Insulating Pipe	OA-QW0911SN	12
	P869148017	OHM Electric		
3	74453231	Termination Panel		12
	3830398			
4	74776818	Sems Pan Head Screw	M6X10(Chromate P-4)	12
	P334200149	SANKO Industry		

S中継箱

(S Junction Box)



(1) Jumper Connector ASSY

MA05271---

Unit No. 147 Electric BF EX <Jumper Connector ASSY>

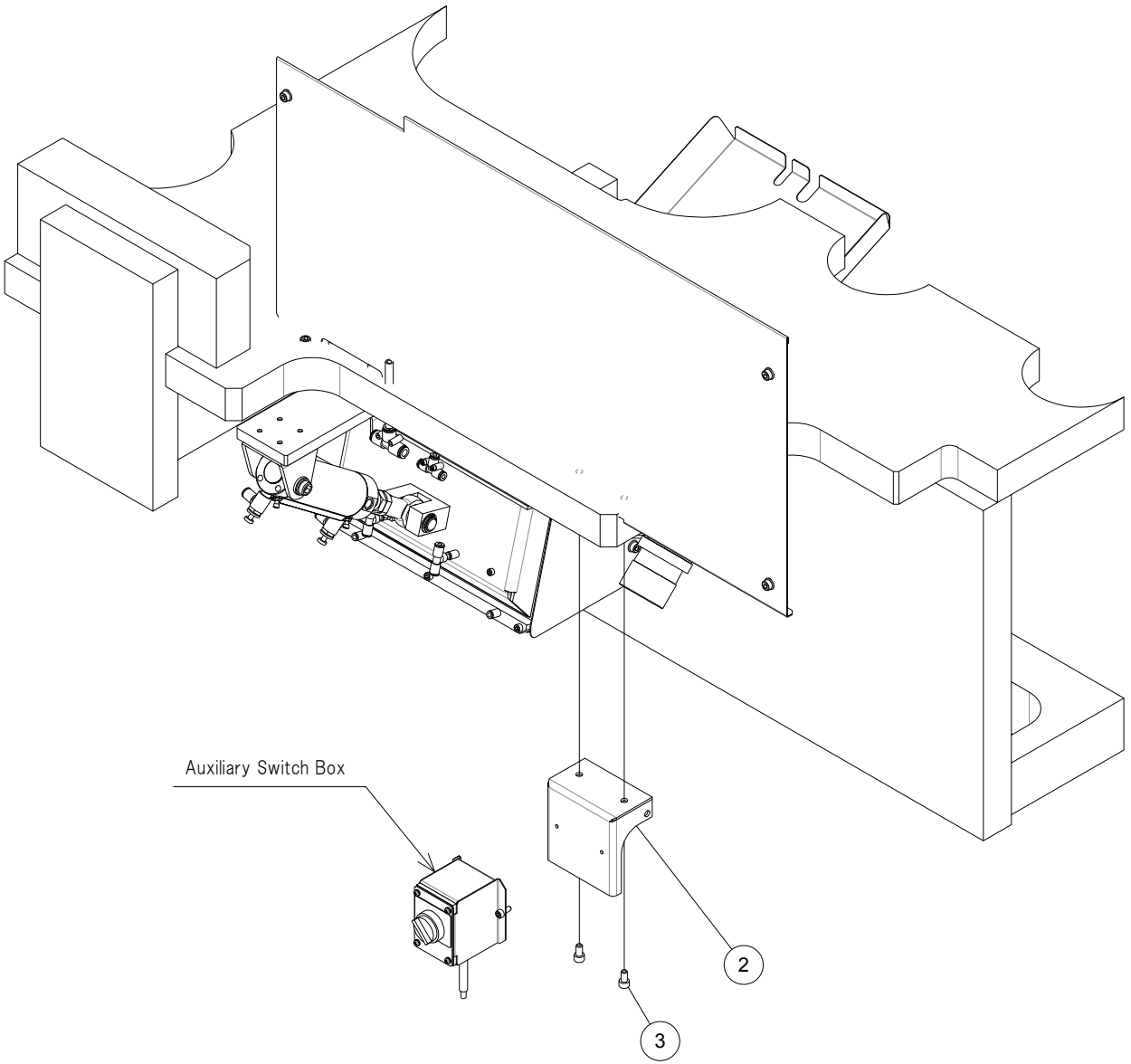
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05213---	Jumper Connector ASSY	Index 2	1
2	74902724 / MA05271---	Jumper Connector TMR1		1

< List Only >

MA05214---

Unit No. 148 Electric BF EX <TSU Cable ASSY (Body Side)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05214---	TSU Cable ASSY (Body Side)	Index 23	1
2	74902368 / MA02645---	Cable TMY5		1
3	74902369 / MA02646---	Cable TMY6		1

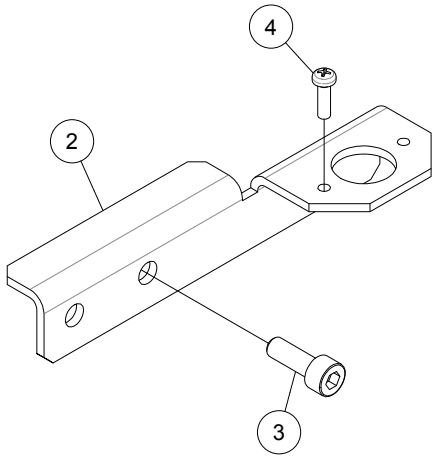


(1) Maintenance SW Installation

CE00790---

Unit No. 149 Electric BF EX <Maintenance SW Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00790---	Maintenance SW Installation	Index 23	1
2	74402128 / CE00791---	Maintenance SW Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	2

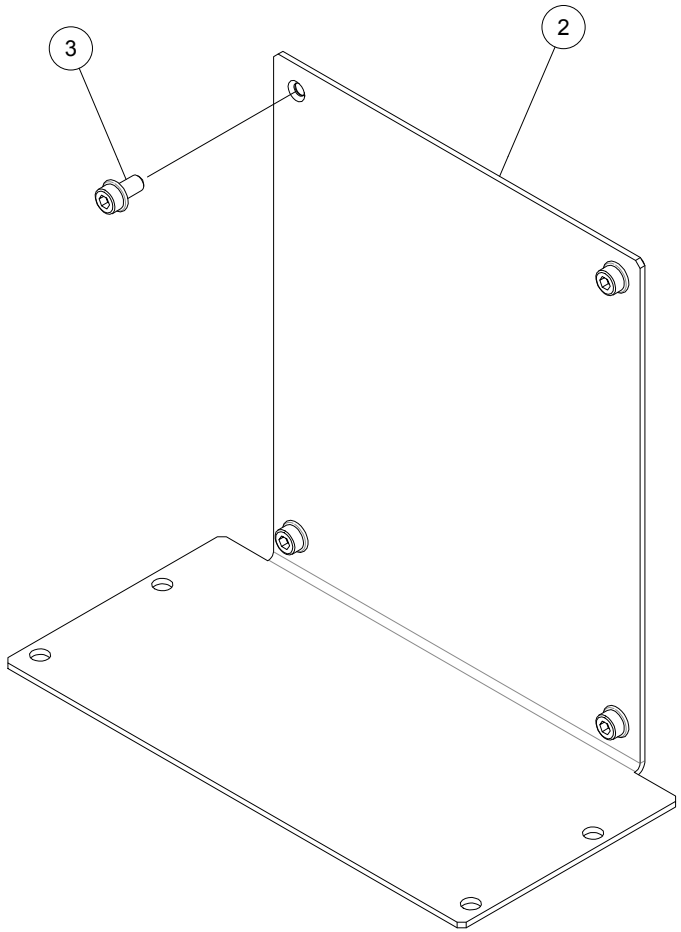


(1) A-axis Encoder Cable Cut Off ASSY

CE01725---

Unit No. 150 Electric BF EX <A-axis Encoder Cable Cut Off ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01703---	A-axis Encoder Cable Cut Off ASSY	Index 2-4	1
2	74400945 CE01725---	Encoder Junction Panel		1
3	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
4	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	2

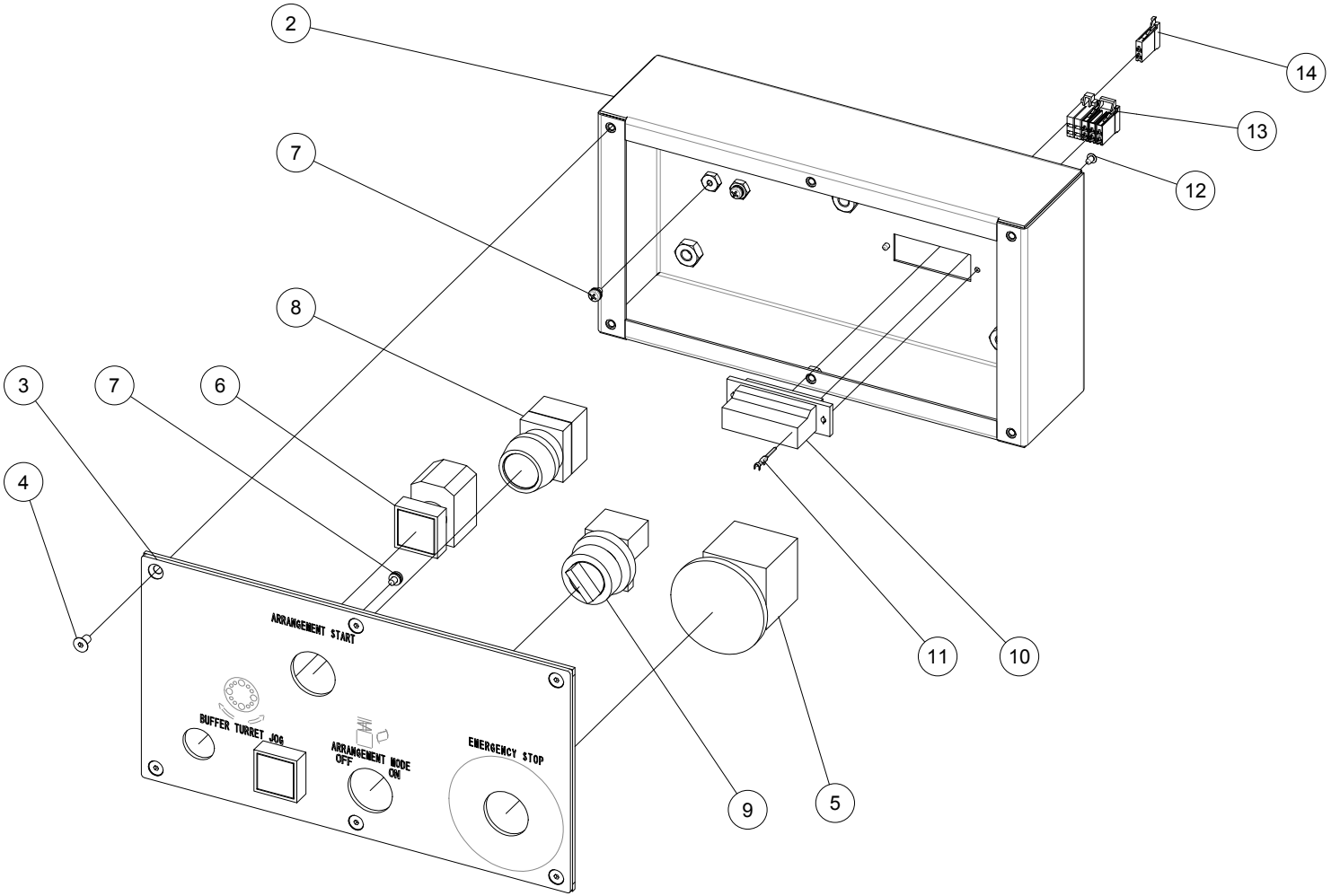


(1) DU Junction Box Installation ASSY

CE00810---

Unit No. 151 Electric BF EX <DU Junction Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00810---	DU Junction Box Installation ASSY	Index 23	1
2	74402129 CE00777---	DU Junction Box Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	8



(1) Buffer Control Box ASSY EXP

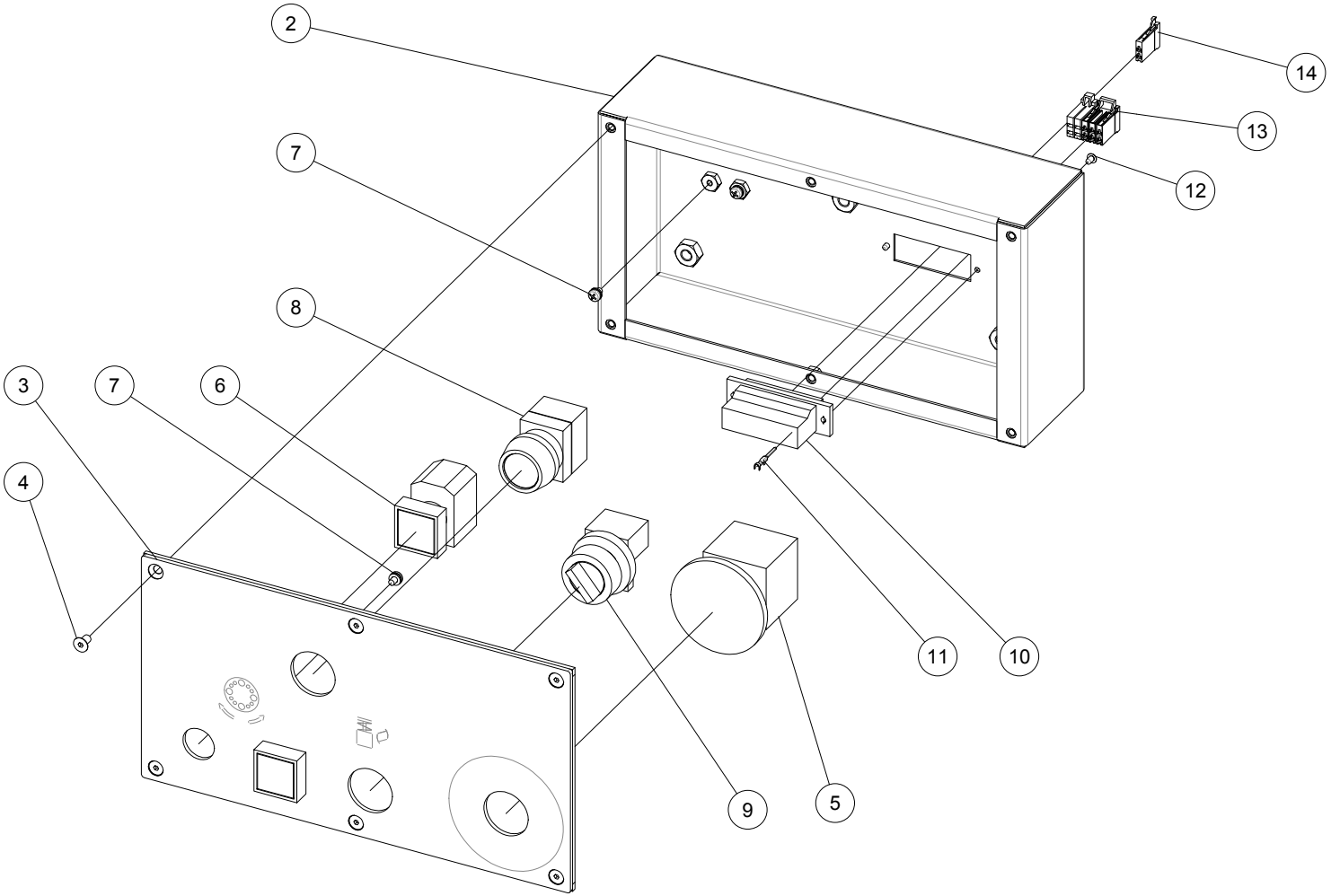
MA07987---

Unit No. 152 Electric BF EX <Buffer Control Box ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Control Box ASSY EXP		1
	MA07987---		Index 2-14	
2	74402130	Buffer Control Box		1
	MA07901---			
3	74402143	Name Plate EXP		1
	MA07988---			
4	74377124	Flat Head Bolt	M5X10	6
	P334520006	NISSAN NEJI		
5	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
6	74386504	Push Button Switch	AR22F0S-10W	2
	P821084072	FUJI Electric		
7	74569811	Sems Pan Head Screw	M4X6(Chromate P-4)	3
	P334200113	SANKO Industry		
8	74777238	Push Button Switch	AR30G1R-10W	1
	P821124115	FUJI Electric		
9	74387388	Key Select Switch	AR30PR-210B	1
	P820004069	FUJI Electric		
10	74564479	Rectangle Connector	917241-8	1
	P862042082	AMP		
11	74489980	Plug Type Terminal	175289-2	16
	P862142029	AMP		
12	74776881	Push Rivet	P3555	2
	P339308001	SHINAGAWA		

Unit No. 152 Electric BF EX <Buffer Control Box ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402132 MA07903---	Cable S-BC1		1
14	74402133 MA07984---	Cable CN4C15		1



(1) Buffer Control Box ASSY China

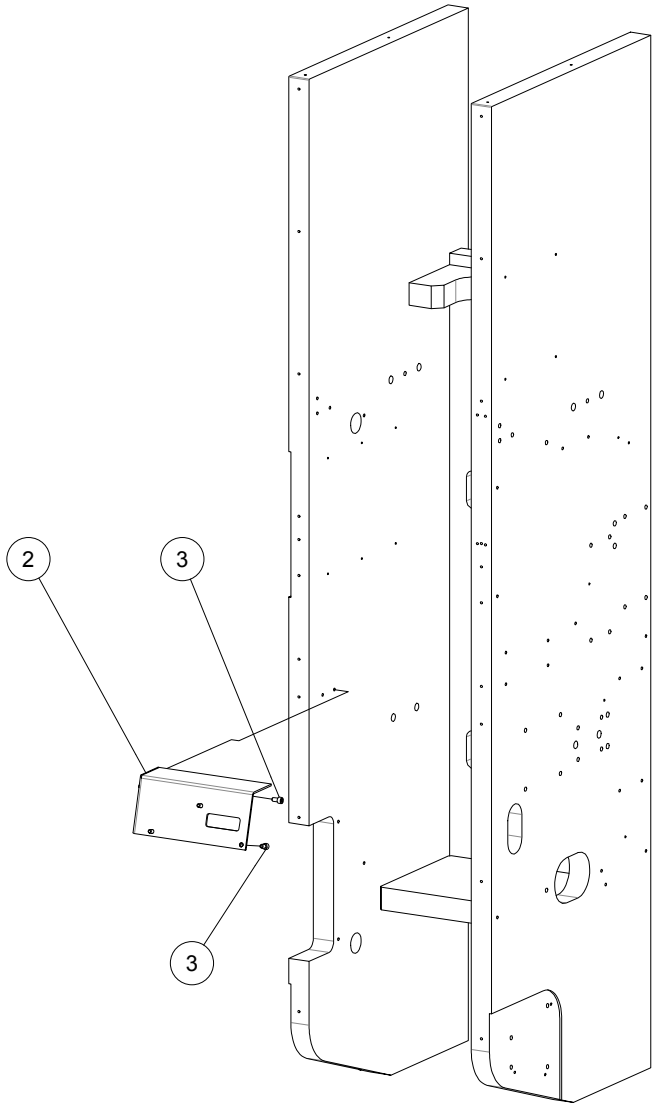
WA00718---
(MA07987---)

Unit No. 153 Electric BF EX <Buffer Control Box ASSY China>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Control Box ASSY China		1
	WA00718---		Index 2-14	
2	74402130	Buffer Control Box		1
	MA07901---			
3	74402144	Name Plate CHINA		1
	WA00717---			
4	74377124	Flat Head Bolt	M5X10	6
	P334520006	NISSAN NEJI		
5	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
6	74386504	Push Button Switch	AR22F0S-10W	2
	P821084072	FUJI Electric		
7	74569811	Sems Pan Head Screw	M4X6(Chromate P-4)	3
	P334200113	SANKO Industry		
8	74777238	Push Button Switch	AR30G1R-10W	1
	P821124115	FUJI Electric		
9	74387388	Key Select Switch	AR30PR-210B	1
	P820004069	FUJI Electric		
10	74564479	Rectangle Connector	917241-8	1
	P862042082	AMP		
11	74489980	Plug Type Terminal	175289-2	16
	P862142029	AMP		
12	74776881	Push Rivet	P3555	2
	P339308001	SHINAGAWA		

Unit No. 153 Electric BF EX <Buffer Control Box ASSY China>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402132 MA07903---	Cable S-BC1		1
14	74402133 MA07984---	Cable CN4C15		1



(1) Buffer Control Box Installation

MA07905---

Unit No. 154 Electric BF EX <Buffer Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07905---	Buffer Control Box Installation	Index 23	1
2	74402134 / MA07906---	Buffer Control Box Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5

< List Only >

MA08046---

Unit No. 155 Electric BF EX <Buffer Auxiliary Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Auxiliary Switch ASSY		1
	MA08046---		Index 2-13	
2	74183608	Hex Socket Cap Screw	M6X15	4
	P330220006			
3	74178737	Spring Washer	6	4
	P336050005	JIS		
4	74159714	Washer	6(Normal)	4
	P336000005	JIS		
5	74723041	Accessory for Conduit	NC-1 (Cord Lock)	1
	P866108009	NICS		
6	74570030	Sems Pan Head Screw	M4X10(Chromate P-4)	4
	P334200115	SANKO Industry		
7	74903424	Enabling Switch	HE5B-M2PN1	1
	P826198005	IDEC		
8	74183225	Pan Head Screw	M4X6	3
	P334100016	JIS		
9	74776842	Washer	4(Normal)-Unichromate Plating	1
	P336000088	JIS		
10	74489972	Marker Tube	1.25	2
	P869220210			
11	74553818	Solderless Terminal	R1.25-4	2
	P869200003			
12	74810602	Vinyl Cord	KIV0.75X250(Y/G)	1
	QZZ040413			

Unit No. 155 Electric BF EX <Buffer Auxiliary Switch ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402135 MA07892---	Cable S-61		1

< List Only >

MA08102---

Unit No. 156 Electric BF EX <Cable ASSY BF>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable ASSY BF		1
	MA08102---		Index 2-11	
2	74900863	Safety Switch	HS5D-02RN	1
	P826166006	IDEC		
3	74900821	Cable Clamp	ST-M20-B	1
	P381048046	MISUMI		
4	74300603	Hex Socket Cap Screw	M4X40	2
	P330200025			
5	74402136	Actuator (for Safety Switch)	HS9Z-A55	1
	P826218008	IDEC		
6	74314401	Hex Socket Cap Screw	M4X10	2
	P330200015			
7	74402137	Cable CN4C14		1
	MA06478---			
8	74402138	Cable CN4C13		1
	MA07678---			
9	74402139	LS Bracket		1
	MA07928---			
10	74402140	Switch Bracket		1
	MA07929---			
11	74560920	Flange Socket Bolt	M6X12	4
	P330468026	NISSAN NEJI		

< List Only >

CE01680---

Unit No. 157 Electric BF EU <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01680---	Electrical Wiring ASSY TSU	Index 2-52	1
2	74902343 MA02611--A	Cable S-2		1
3	74902344 MA02612--A	Cable S-9		1
4	74402047 WA00422---	Cable S-10		1
5	74902346 MA02614---	Cable S-11		1
6	74902347 MA02615---	Cable S-11A		1
7	74902348 MA02616--B	Cable S-15		1
8	74902349 MA02617--A	Cable S-32		1
9	74902350 MA02618--A	Cable S-37		1
10	74902351 MA02620---	Cable S-38		1
11	74902352 MA02623--A	Cable YF		1
12	74402048 CE00303---	Cable AO1		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902353 MA02624--A	Cable TMA		1
14	74902580 MA03811---	Cable EV42		1
15	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
16	74902354 MA02626--A	Cable EV43		1
17	74902355 MA02627---	Cable EV15		1
18	74902356 MA02628--A	Cable EV16		1
19	74902357 MA02629--A	Cable EV17		1
20	74902358 MA02630--B	Cable EV F		1
21	74402049 CE00740---	Cable TMY1		1
22	74402050 CE00741---	Cable TMY2		1
23	74402051 CE00742---	Cable TMY4		1
24	74402052 CE00743---	Cable EVY		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402053 CE00744---	Cable Q (Y)		1
26	74902373 MA02650--A	Cable J61		1
27	 CE03530---	Cable Kit TMX		1
28	 CE03531---	Cable Kit TMX		1
29	74902374 MA02661--A	Cable EVDU		1
30	74902375 MA02662--A	Cable TMDU1		1
31	74902376 MA02663--B	Cable TMDU2		1
32	74902379 MA02668--A	Cable TMY4B		1
33	74902378 MA02667---	Cable TMDU3		1
34	74402054 CE00316---	Jumper Connector TMF1		1
35	 6884915---	A-axis Motor Cable ASSY		1
36	74810581 3807359	Shield Tube		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74810582 6874113	Shield Tube		1
38	74183620 P330230004	Hex Socket Cap Screw	M8X15	7
39	74568662 P381058102	Cable Band KITAGAWA	PLT2S	30
40	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	11
41	74776743 P330220003	Hex Socket Cap Screw	M6X10	11
42	MA02572---	Foot Switch Cable ASSY		1
43	MA02574---	Striker Cable ASSY		1
44	3831354	Foot Switch ASSY		1
45	CE00839---	Cable Kit		1
46	74453215 3830254	Plate for Cable		1
47	74722756 P334500021	Button Head Screw	M8X25	2
48	74776797 P332000006	Nut JIS	M10	2

Unit No. 157 Electric BF EU <Wiring>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74400957	Cable Bracket S-18		1
	WA00424---			
50	74776775	Flange Socket Bolt	M6X10	2
	P330468015	NISSAN NEJI		
51	74413038	Hex Socket Cap Screw	M3X10	4
	P330200003			
52	74183201	Nut	M3	4
	P332000001	JIS		

< List Only >

CE03530---

Unit No. 158 Electric BF EU <Cable Kit TMX>

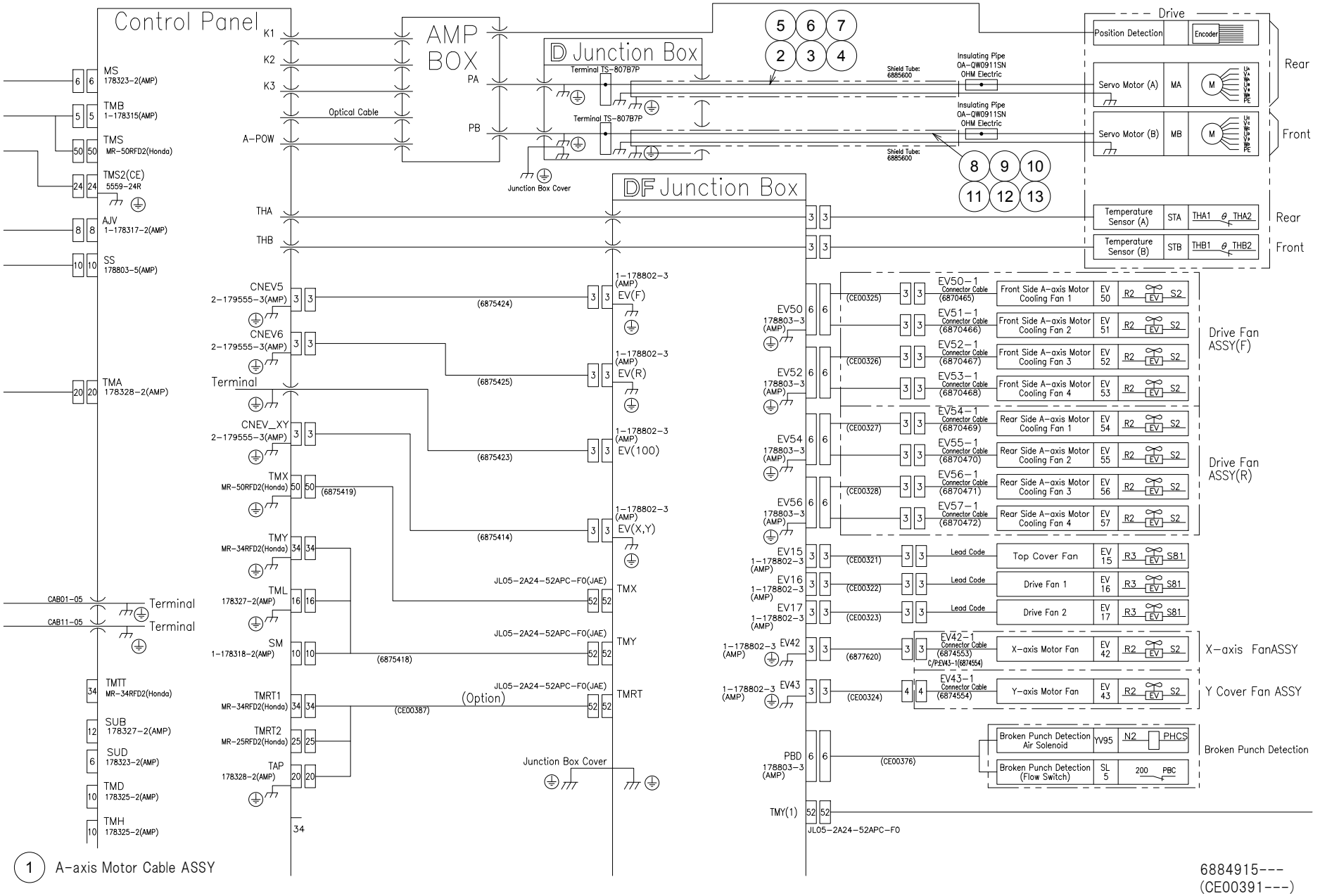
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03530---	Cable Kit TMX	Index 23	1
2	74902581 / MA03812---	Cable TMX1		1
3	74902582 / MA03813---	Cable TMX2		1

< List Only >

CE03531---

Unit No. 159 Electric BF EU <Cable Kit TMX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03531---	Cable Kit TMX	Index 23	1
2	74402055 / CE03532---	Cable TMX1		1
3	74402056 / CE03533---	Cable TMX2		1


Control Panel
AMP BOX
D Junction Box
DF Junction Box
Drive
Position Detection
Encoder
Servo Motor (A)
Servo Motor (B)
Rear
Front
Temperature Sensor (A)
Temperature Sensor (B)
Optical Cable
Terminal TS-807B7P
Shield Tube: 6885600
Insulating Pipe 0A-QW0911SN OHM Electric
Junction Box Cover
Terminal
Drive Fan ASSY(F)
Drive Fan ASSY(R)
X-axis FanASSY
Y Cover Fan ASSY
Broken Punch Detection
Top Cover Fan
Drive Fan 1
Drive Fan 2
Broken Punch Detection Air Solenoid
Broken Punch Detection (Flow Switch)
1 A-axis Motor Cable ASSY
6884915---
(CE00391---)

Unit No. 160 Electric BF EU <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6884915---	A-axis Motor Cable ASSY	Index 2-13	1
2	74400920 / 6885601---	A-axis Motor Cable UA		1
3	74400921 / 6885602---	A-axis Motor Cable VA		1
4	74400922 / 6885603---	A-axis Motor Cable WA		1
5	74400923 / 6885604---	A-axis Motor Cable UB		1
6	74400924 / 6885605---	A-axis Motor Cable VB		1
7	74400925 / 6885606---	A-axis Motor Cable WB		1
8	74400926 / 6885607---	A-axis Motor Cable UC		1
9	74400927 / 6885608---	A-axis Motor Cable VC		1
10	74400928 / 6885609---	A-axis Motor Cable WC		1
11	74400929 / 6885610---	A-axis Motor Cable UD		1
12	74400930 / 6885611---	A-axis Motor Cable VD		1

Unit No. 160 Electric BF EU <A-axis Motor Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74400931 6885612---	A-axis Motor Cable WD		1

< List Only >

MA02572---

Unit No. 161 Electric BF EU <Foot Switch Cable ASSY>

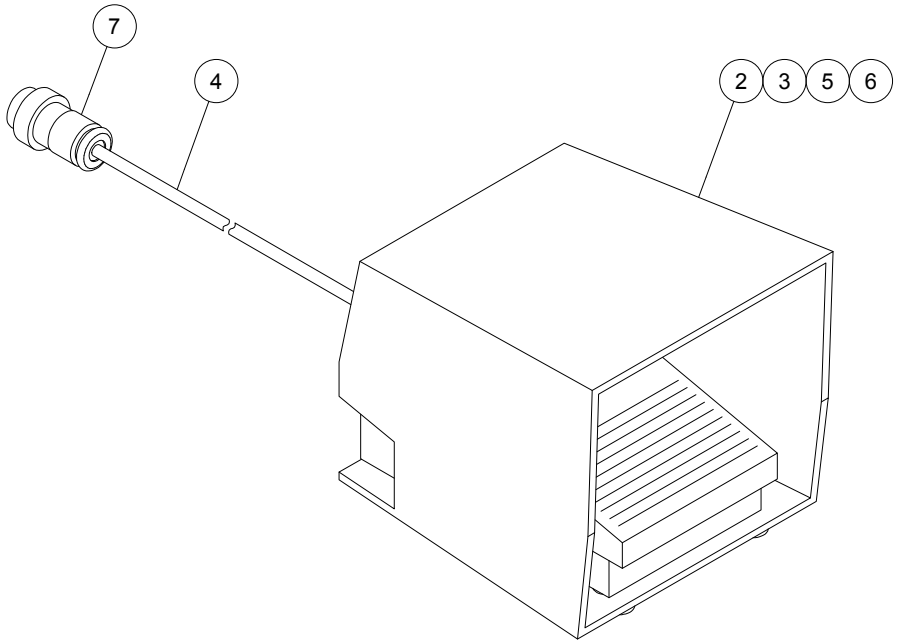
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02572---	Foot Switch Cable ASSY	Index 2-5	1
2	74902359 MA02631--A	Cable Y-1		1
3	74386689 P334520041	Flat Head Bolt NISSAN NEJI	M3X6	3
4	74307030 6018282	Connector Setting Plate		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2

< List Only >

MA02574---

Unit No. 162 Electric BF EU <Striker Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Striker Cable ASSY		1
	MA02574---		Index 2-5	
2	74902360	Cable S-1		1
	MA02632--A			
3	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
4	74578833	Connector Bracket		1
	6532844 A			
5	74183620	Hex Socket Cap Screw	M8X15	2
	P330230004			



(1) Foot Switch ASSY

3831354

Unit No. 163 Electric BF EU <Foot Switch ASSY>

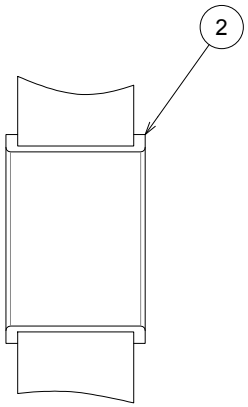
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Foot Switch ASSY		1
	3831354		Index 2-7	
2	74383747	Foot Switch	XPE-M510	1
	P826108001	Schneider Electric	with Index 3	
3	74902956	Contact Block	XE2S P4151	1
	SPT0182---	Schneider Electric		
4	74810545	Foot Switch Cable		1
	6872112			
5	74383748	Accessory for Limit Switch	DE9-PL116044	1
	P828108004	Schneider Electric		
6	74380391	Washer	DE9-PL116043	1
	P336238037	Schneider Electric		
7	74341418	Metallic Connector	NCS-253-PM	1
	P860002002	NANAHOSHI Electric		

< List Only >

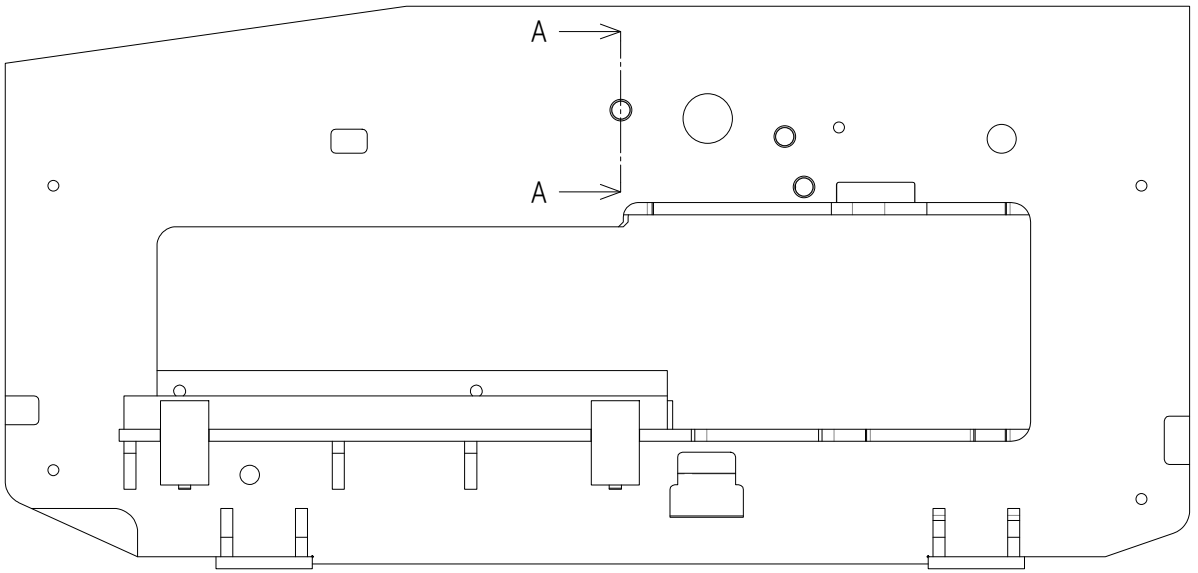
CE00839---

Unit No. 164 Electric BF EU <Cable Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00839---	Cable Kit	Index 2	1
2	74402057 WA00425--A	Cable S-18 CE		1



SECTION A-A



(1) Rubber Bushing Inset Drawing

CE01702---

Unit No. 165 Electric BF EU <Rubber Bushing Inset Drawing>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01702---	Rubber Bushing Inset Drawing	Index 2	1
2	74902306 MA01618---	Rubber Bushing		7

< List Only >

CE01681---

Unit No. 166 Electric BF EU <Lower Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01681---	Lower Duct ASSY	Index 23	1
2	CE01693---	Duct ASSY BUFFER		1
3	CE01694---	Duct ASSY TSU Rack		1

< List Only >

CE01693---

Unit No. 167 Electric BF EU <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01693---	Duct ASSY BUFFER	Index 2-34	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74902327 MA02564---	Plate		2
5	74163306 P334500008	Button Head Screw JIS	M5X8	8
6	74402060 CE01695---	Cable KIT1	Index 7-13	1
7	74402061 CE01771---	Cable TMS1		1
8	74402062 CE01772---	Cable TMS2		1
9	74402063 CE01773---	Cable Q (S)		1
10	74402064 CE01774---	Cable J63		1
11	74402065 CE01775---	C-axis Signal Cable		1
12	74402066 CE01776---	T-axis Signal Cable		1

Unit No. 167 Electric BF EU <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402067 CE01777---	DU-axis Signal Cable		1
14	74402068 CE01696---	Cable KIT2	Index 15-17	1
15	74402069 CE01778---	C-axis Motor Cable		1
16	74402070 CE01779---	T-axis Motor Cable		1
17	74402071 CE01780---	Du-axis Motor Cable CE		1
18	74402072 CE01697---	Cable KIT3 BUFFER	Index 19-27	1
19	74402073 CE01781---	LAN Cable ID		1
20	74402074 CE01782---	LAN Cable TSU		1
21	74402075 CE01783---	CZ-axis Signal Cable 1		1
22	74402076 CE01784---	CX-axis Signal Cable 1		1
23	74402077 CE01785---	CD-axis Signal Cable 1		1
24	74402078 CE01786---	CR-axis Signal Cable		1

Unit No. 167 Electric BF EU <Duct ASSY BUFFER>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402079 CE01787---	S-axis Signal Cable		1
26	74402080 CE01788---	Cable TMS3		1
27	74402081 CE01789---	Cable TMS4		1
28	74402082 CE01699---	Cable KIT4	Index 29-34	1
29	74402083 CE01792---	CX-axis Motor Cable 1		1
30	74402084 CE01793---	CZ-axis Brake Cable 1		1
31	74402085 CE01794---	CX-axis Motor Cable 1		1
32	74402086 CE01795---	CD-axis Motor Cable 1		1
33	74402087 CE01796---	CR-axis Motor Cable		1
34	74402088 CE01797---	S-axis Motor Cable		1

< List Only >

CE01694---

Unit No. 168 Electric BF EU <Duct ASSY TSU Rack>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01694---	Duct ASSY TSU Rack	Index 2-40	1
2	74402058 CE01712---	Duct 1		2
3	74402059 CE01713---	Duct 2		2
4	74402089 CE01714---	Duct 3		1
5	74902327 MA02564---	Plate		2
6	74163306 P334500008	Button Head Screw JIS	M5X8	8
7	74776731 P330200037	Hex Socket Cap Screw JIS	M3X5	2
8	74402060 CE01695---	Cable KIT1	Index 9-15	1
9	74402061 CE01771---	Cable TMS1		1
10	74402062 CE01772---	Cable TMS2		1
11	74402063 CE01773---	Cable Q (S)		1
12	74402064 CE01774---	Cable J63		1

Unit No. 168 Electric BF EU <Duct ASSY TSU Rack>

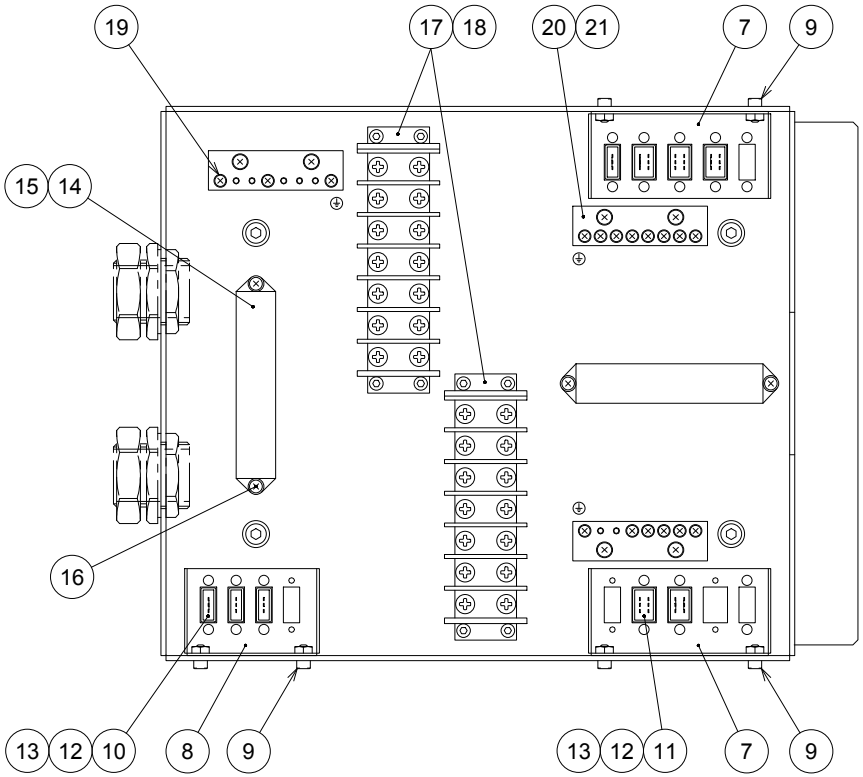
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402065 CE01775---	C-axis Signal Cable		1
14	74402066 CE01776---	T-axis Signal Cable		1
15	74402067 CE01777---	DU-axis Signal Cable		1
16	74402068 CE01696---	Cable KIT2	Index 17-19	1
17	74402069 CE01778---	C-axis Motor Cable		1
18	74402070 CE01779---	T-axis Motor Cable		1
19	74402071 CE01780---	Du-axis Motor Cable CE		1
20	74402090 CE01698---	Cable KIT3 (Rack)	Index 21-31	1
21	74402073 CE01781---	LAN Cable ID		1
22	74402074 CE01782---	LAN Cable TSU		1
23	74402075 CE01783---	CZ-axis Signal Cable 1		1
24	74402076 CE01784---	CX-axis Signal Cable 1		1

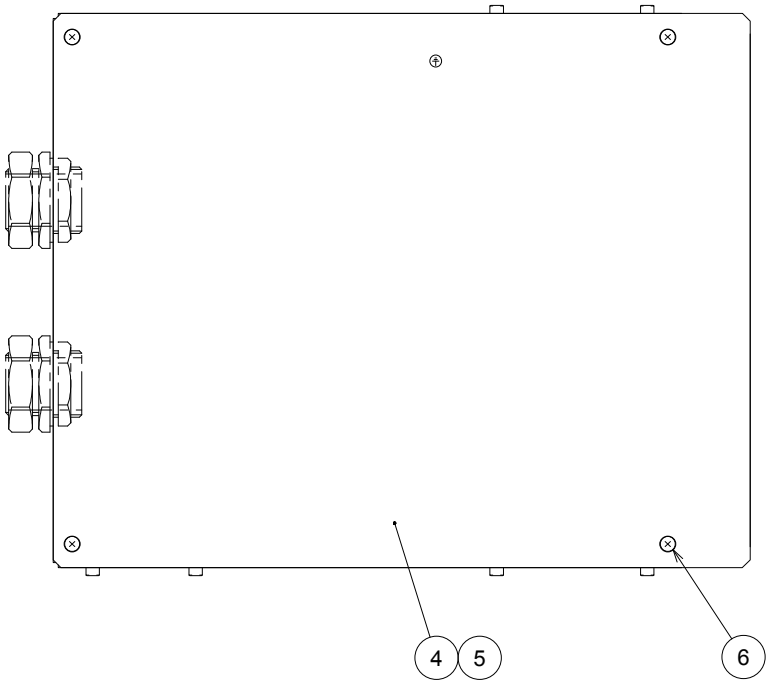
Unit No. 168 Electric BF EU <Duct ASSY TSU Rack>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402077 CE01785---	CD-axis Signal Cable 1		1
26	74402078 CE01786---	CR-axis Signal Cable		1
27	74402079 CE01787---	S-axis Signal Cable		1
28	74402080 CE01788---	Cable TMS3		1
29	74402081 CE01789---	Cable TMS4		1
30	74402091 CE01790---	Cable TMS5		1
31	74402092 CE01791---	Optical Fiber Cable Add Works COP9		1
32	74402082 CE01699---	Cable KIT4	 Index 33-38	1
33	74402083 CE01792---	CX-axis Motor Cable 1		1
34	74402084 CE01793---	CZ-axis Brake Cable 1		1
35	74402085 CE01794---	CX-axis Motor Cable 1		1
36	74402086 CE01795---	CD-axis Motor Cable 1		1

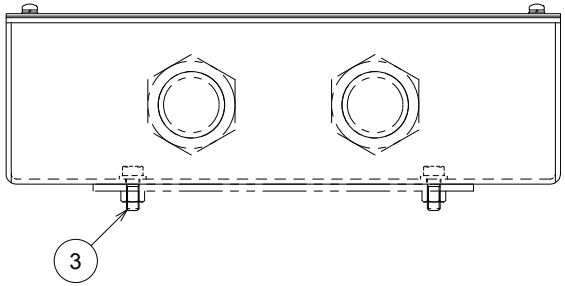
Unit No. 168 Electric BF EU <Duct ASSY TSU Rack>

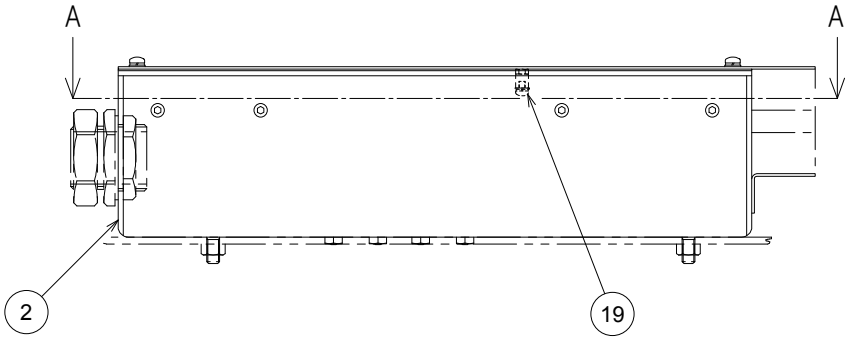
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402087 CE01796---	CR-axis Motor Cable		1
38	74402088 CE01797---	S-axis Motor Cable		1
39	74402093 CE01700---	Cable KIT5	 Index 40	1
40	74402094 CE01798--A	Cable TMRP (D)		1





SECTION A-A





(1) D Junction Box ASSY

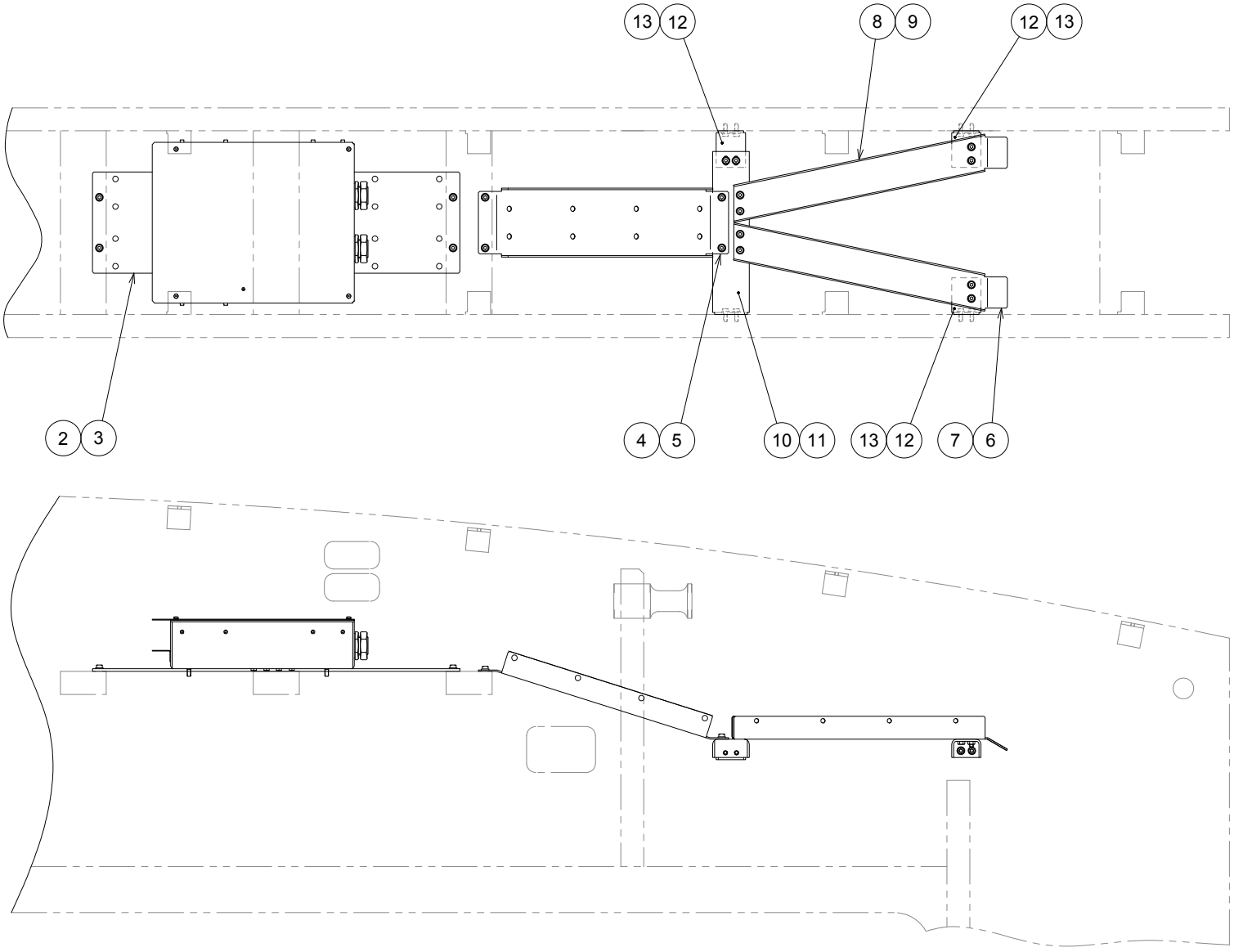
WA00420---

Unit No. 169 Electric BF EU <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00420---	D Junction Box ASSY	Index 2-21	1
2	74902702 MA05246---	Junction Box D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74418493 6875381	Junction Box D Cover		1
5	74418494 6875382	Packing D		1
6	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
7	74810591 3807346	Housing Plate D1		2
8	74415654 6828814	Housing Plate D2		1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	6
10	74386502 P862042073	Rectangle Connector AMP	1-178802-3	4
11	74386501 P862042068	Rectangle Connector AMP	178803-3	5
12	74489980 P862142029	Plug Type Terminal AMP	175289-2	42

Unit No. 169 Electric BF EU <D Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	18
14	74386224 P862138055	Rectangle Connector WEIDMULLER	KS10KRG/D10	2
15	74810592 P862148070	Plug Type Terminal WEIDMULLER	H1.5/16	24
16	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	4
17	74810593 QZZ044752	Terminal Block KIMURA Electric	TS807B7P	2
18	74314404 P330210009	Hex Socket Cap Screw	M5X20	8
19	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	24
20	74902489 MA03066---	Ground Bar		3
21	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	6



(1) D Junction Box Installation

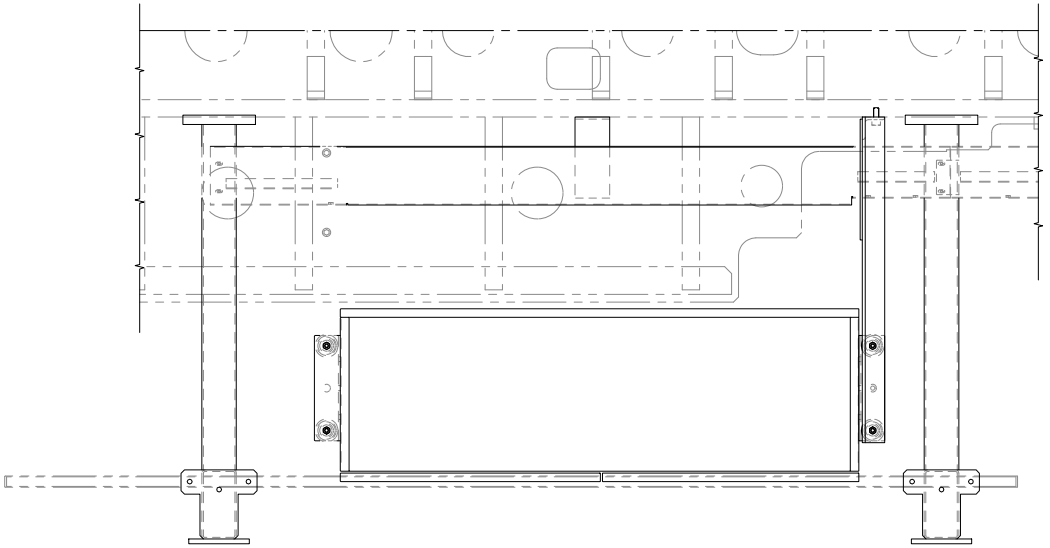
CE01760---
(3809365)

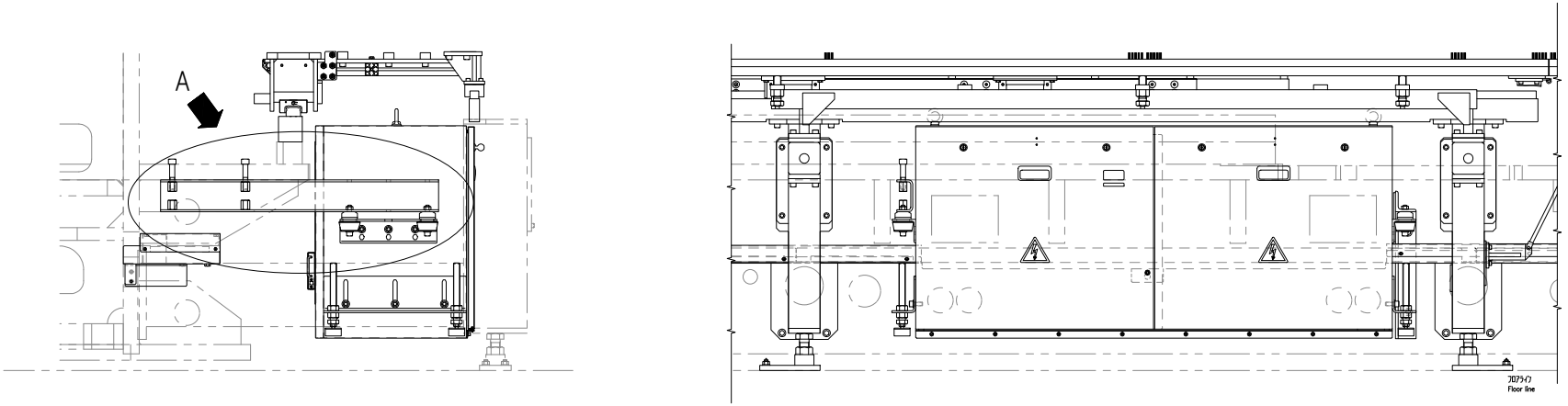
Unit No. 170 Electric BF EU <D Junction Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01760---	D Junction Box Installation	Index 2-14	1
2	74811843 3809366	Junction Box Base D		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74811844 3808330	Duct L		1
5	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
6	74402095 CE01761---	Duct S-F		1
7	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
8	74402096 CE01762---	Duct S-R		1
9	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
10	74811847 3809369	Duct Bracket L		1
11	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2
12	74811848 3809370	Duct Bracket S		3

Unit No. 170 Electric BF EU <D Junction Box Installation>

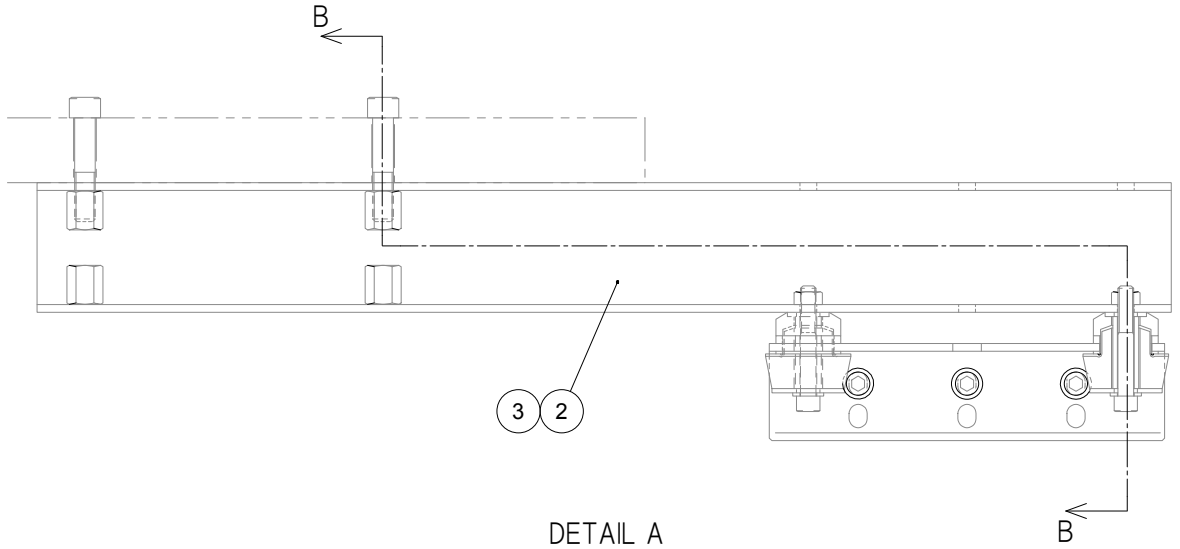
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74385450	Flange Socket Bolt	M8X20	6
	P330468001	NISSAN NEJI		
14	74568662	Cable Band	PLT2S	26
	P381058102	KITAGAWA	List Only	



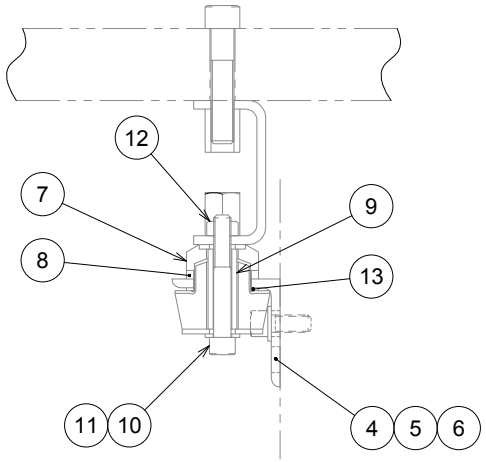


(1) Amplifier Box Installation

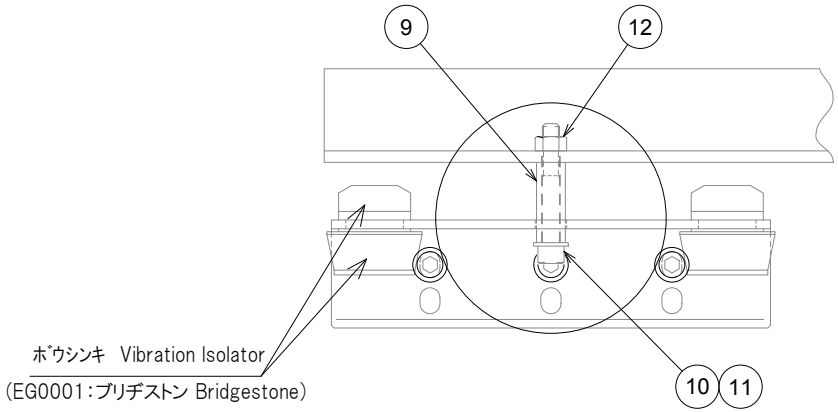
CE01682---
(6875368--B)



DETAIL A



SECTION B-B



＜アンプボック自立時＞
＜for Amplifier Box Self-standing＞

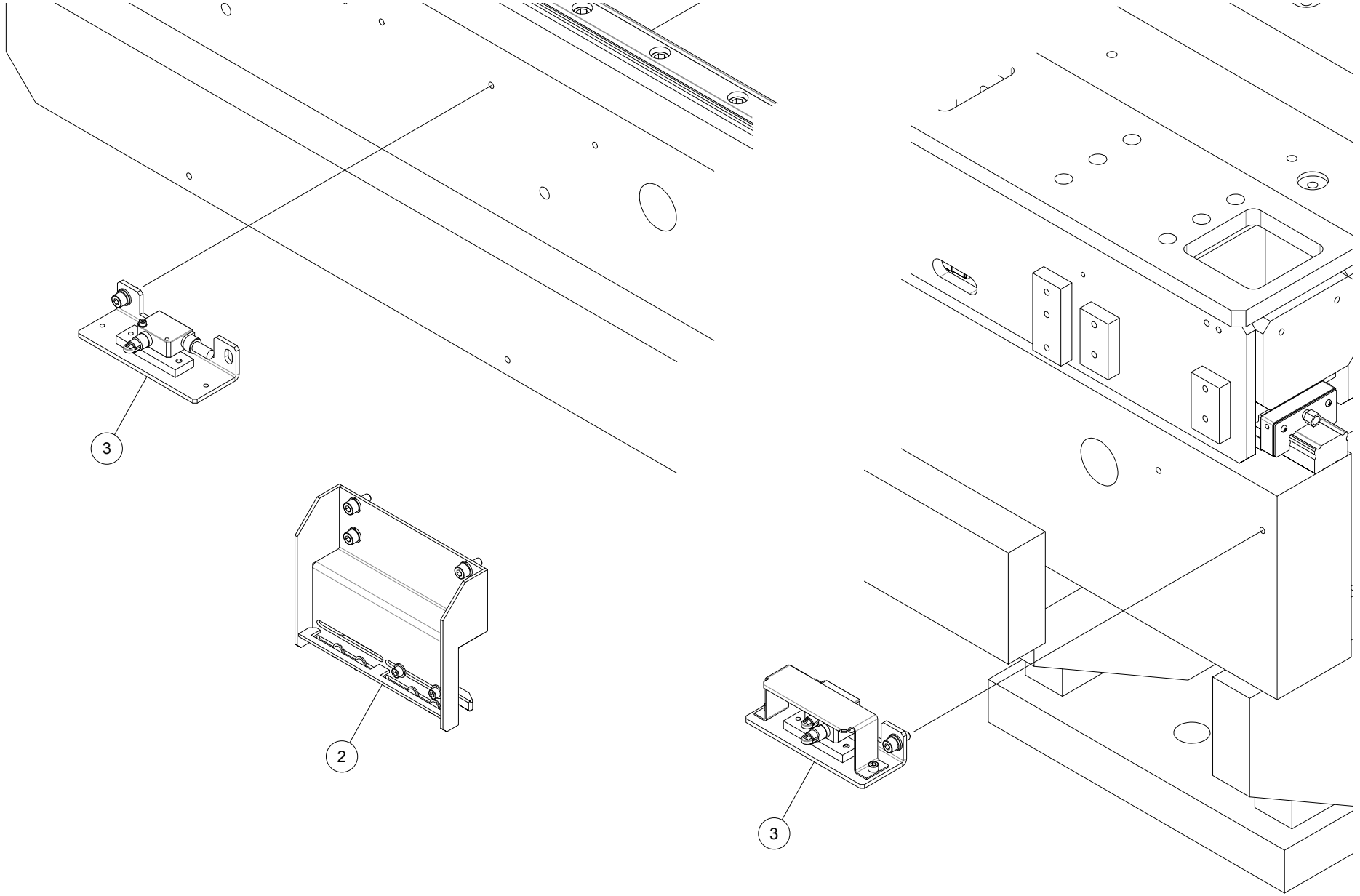
CE01682---
(6875368--B)

Unit No. 171 Electric BF EU <Amplifier Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01682---	Amplifier Box Installation	Index 2-13	1
2	74400938 6875786--B	Amplifier Box Arm L		2
3	74354509 P330260040	Hex Socket Cap Screw	M16X80	4
4	74418523 6875787	Amplifier Box Bracket	L75X75X6	2
5	74183656 P330250005	Hex Socket Cap Screw	M12X30	6
6	74183031 P336000008	Washer JIS	12(Normal)	6
7	74732000 P382003012	Vibration Isolator BRIDGESTONE	EG0001	4
8	74418524 6875788	Spacer T6		4
9	74418525 6875789	Collar (Amplifier Box)	D20XT3.5	4
10	74903126 P330250016	Hex Socket Cap Screw MOURI	M12X85	4
11	74183031 P336000008	Washer JIS	12(Normal)	4
12	74776798 P332000007	Nut JIS	M12	4

Unit No. 171 Electric BF EU <Amplifier Box Installation>

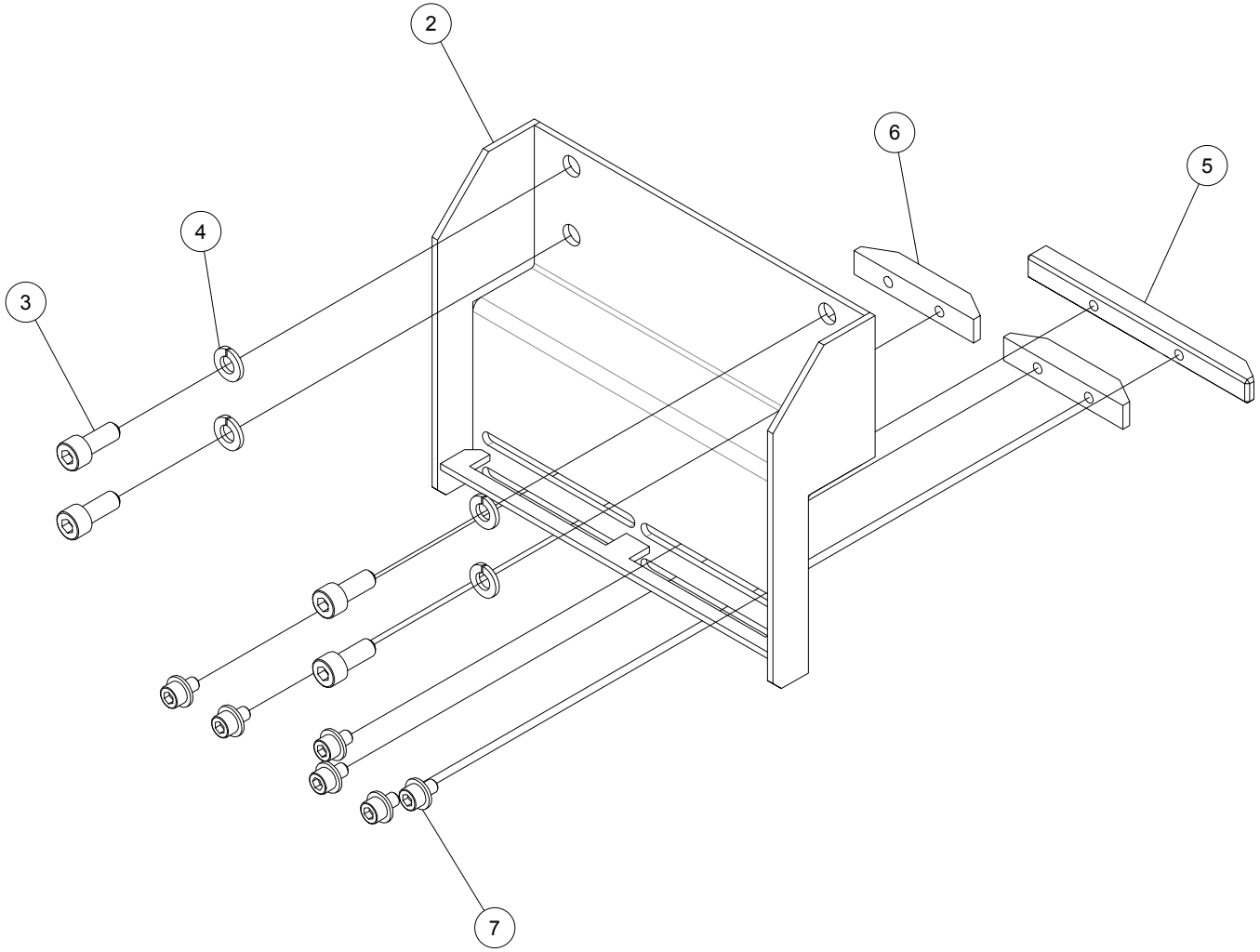
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74418526 6875784	Spacer T2		4



(1) Y-axis LS ASSY

Unit No. 172 Electric BF EU <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01683---	Y-axis LS ASSY	Index 23	1
2	3809362	Y-axis Dog Bracket ASSY		1
3	MA01592---	Y-axis LS ASSY		1

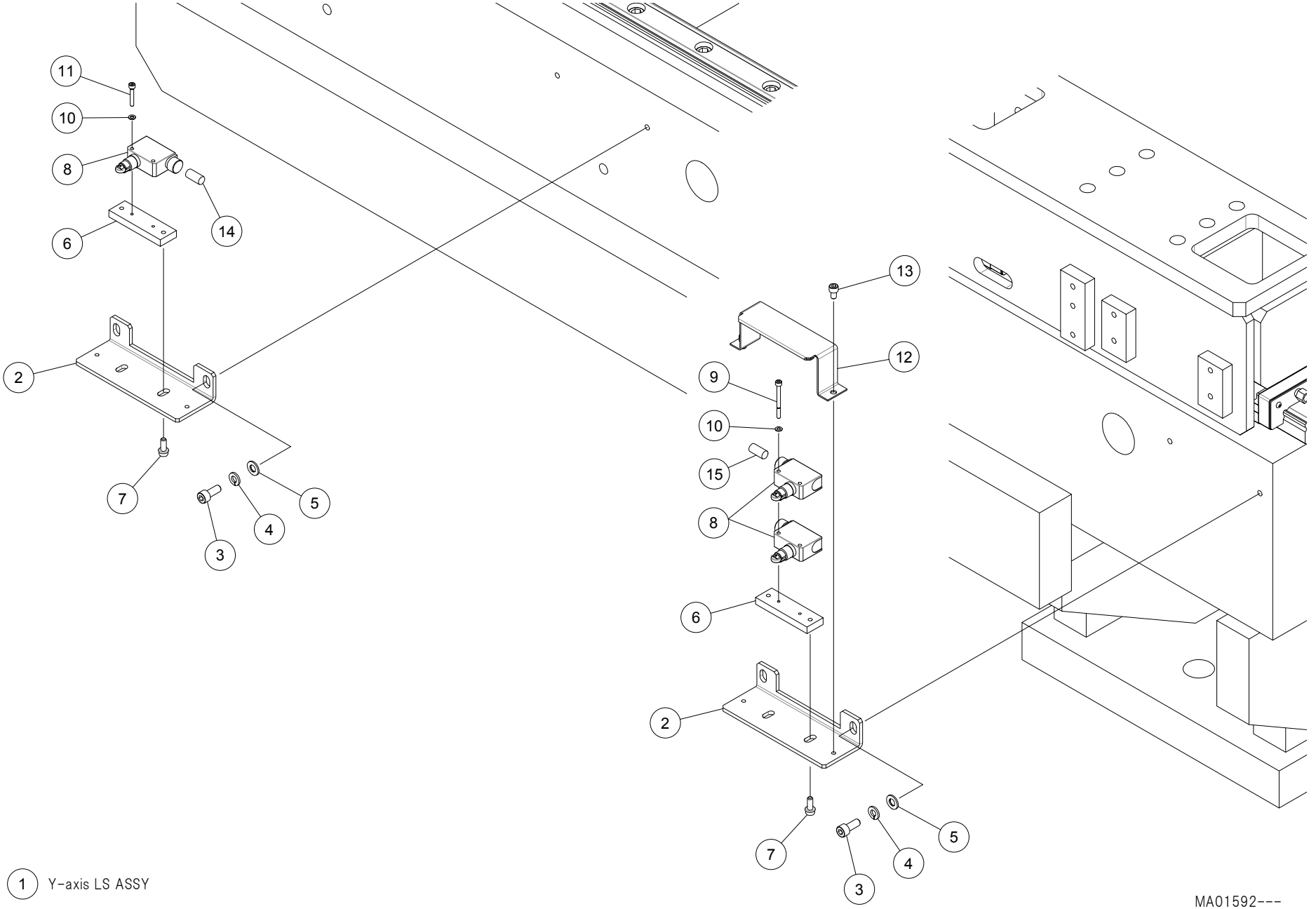


(1) Y-axis Dog Bracket ASSY

3809362

Unit No. 173 Electric BF EU <Y-axis Dog Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3809362	Y-axis Dog Bracket ASSY	Index 2-7	1
2	74811853 3806966 A	Dog Bracket Y		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74570055 6813013	Dog		1
6	74306902 0818707 A	Dog OT		2
7	74379265 P330498009	Hex Soc Cap Screw with Washer GOSHO Works	GT-LA-M6X10	6



1 Y-axis LS ASSY

Unit No. 174 Electric BF EU <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01592---	Y-axis LS ASSY	Index 2-15	1
2	74811854 3806962 A	LS Bracket Y		2
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74183103 P336050006	Spring Washer JIS	8	4
5	74183027 P336000006	Washer JIS	8(Normal)	4
6	74810435 3806963	Adjust Plate	F25X9-80	2
7	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
8	74560182 P828013013	Limit Switch YAMATAKE	SL1-A-E SQ253233	3
9	74567257 P330200026	Hex Socket Cap Screw MOURI	M4X45	2
10	74183022 P336000003	Washer JIS	4(Small Round)	4
11	74314402 P330200022	Hex Socket Cap Screw	M4X25	2
12	74810436 3806964	LS Cover +Y		1

Unit No. 174 Electric BF EU <Y-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
14	74902301 MA01595---	Cable Y-2	(SQ32)	1
15	74902302 MA01596---	Cable Y-3	(SQ3325)	1

< List Only >

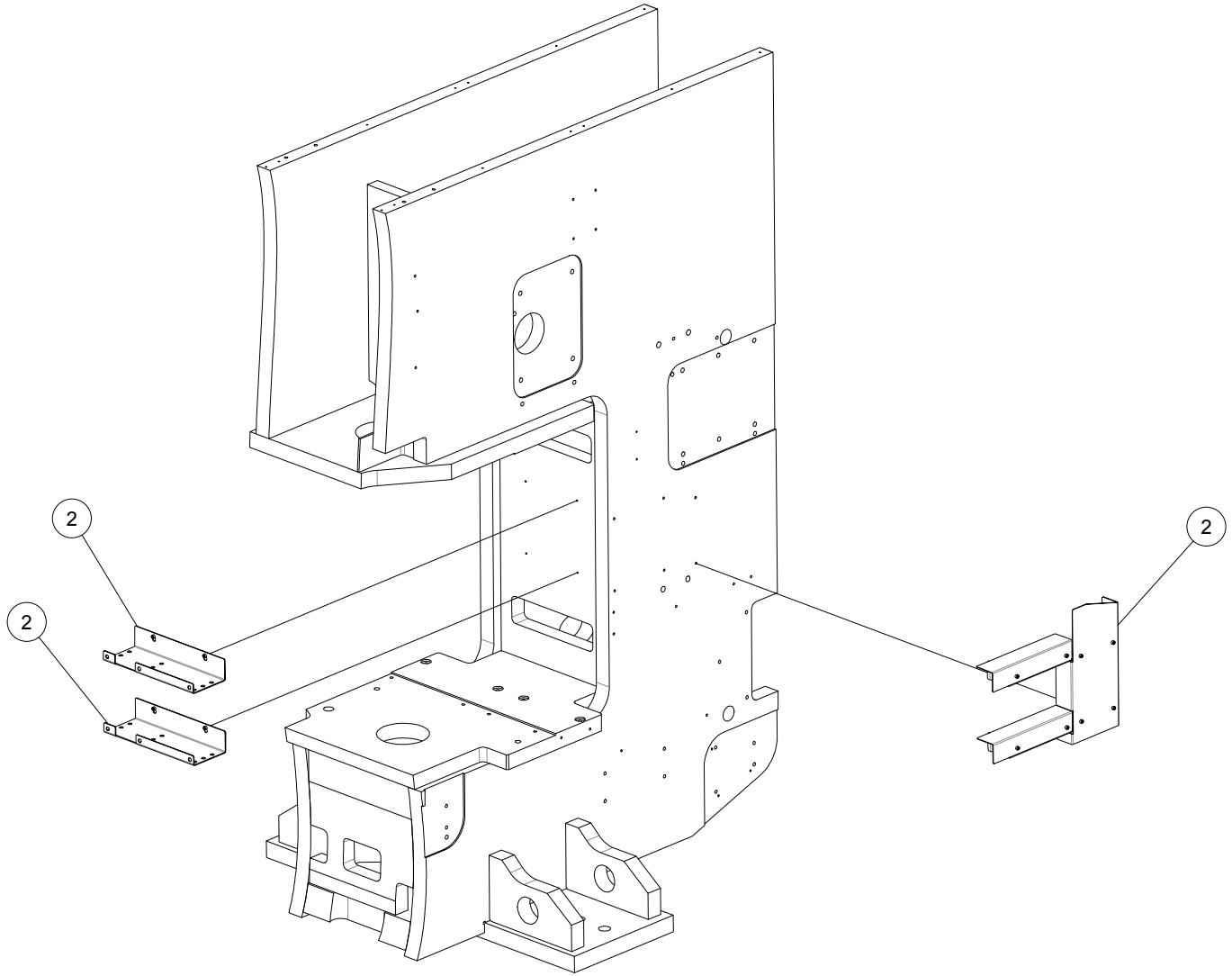
CE00725---

Unit No. 175 Electric BF EU <NC Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00725---	NC Installation	Index 2-22	1
2	74402097 CE00773---	NC Base		1
3	74183664 P330260036	Hex Socket Cap Screw	M16X60	4
4	74183032 P336000010	Washer JIS	16(Normal)	4
5	74562364 P382002035	Vibration Isolator KURASHIKI KAKO	KLB-5060	6
6	74183029 P336000007	Washer JIS	10(Normal)	6
7	74183621 P330230006	Hex Socket Cap Screw	M8X20	12
8	74183027 P336000006	Washer JIS	8(Normal)	12
9	74402098 CE00764---	Stay 1		1
10	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
11	74402099 CE00765--A	Stay 2		1
12	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2

Unit No. 175 Electric BF EU <NC Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304912 P330230020	Hex Socket Cap Screw	M8X90	2
14	74776796 P332000005	Nut JIS	M8	4
15	74341016 818904	Rubber Holder		2
16	74183620 P330230004	Hex Socket Cap Screw	M8X15	8
17	74385397 P229242002	Rubber Cushion KURASHIKI KAKO	KK-3512-50	2
18	74419136 6875410	Pipe		2
19	74385399 6593617	Level Bolt		4
20	74300508 P332000012	Nut JIS	M30	4
21	74570064 P384022021	Level Adjuster TAKIGEN	KC-280-0	4
22	74776799 P332000010	Nut JIS	M20	4

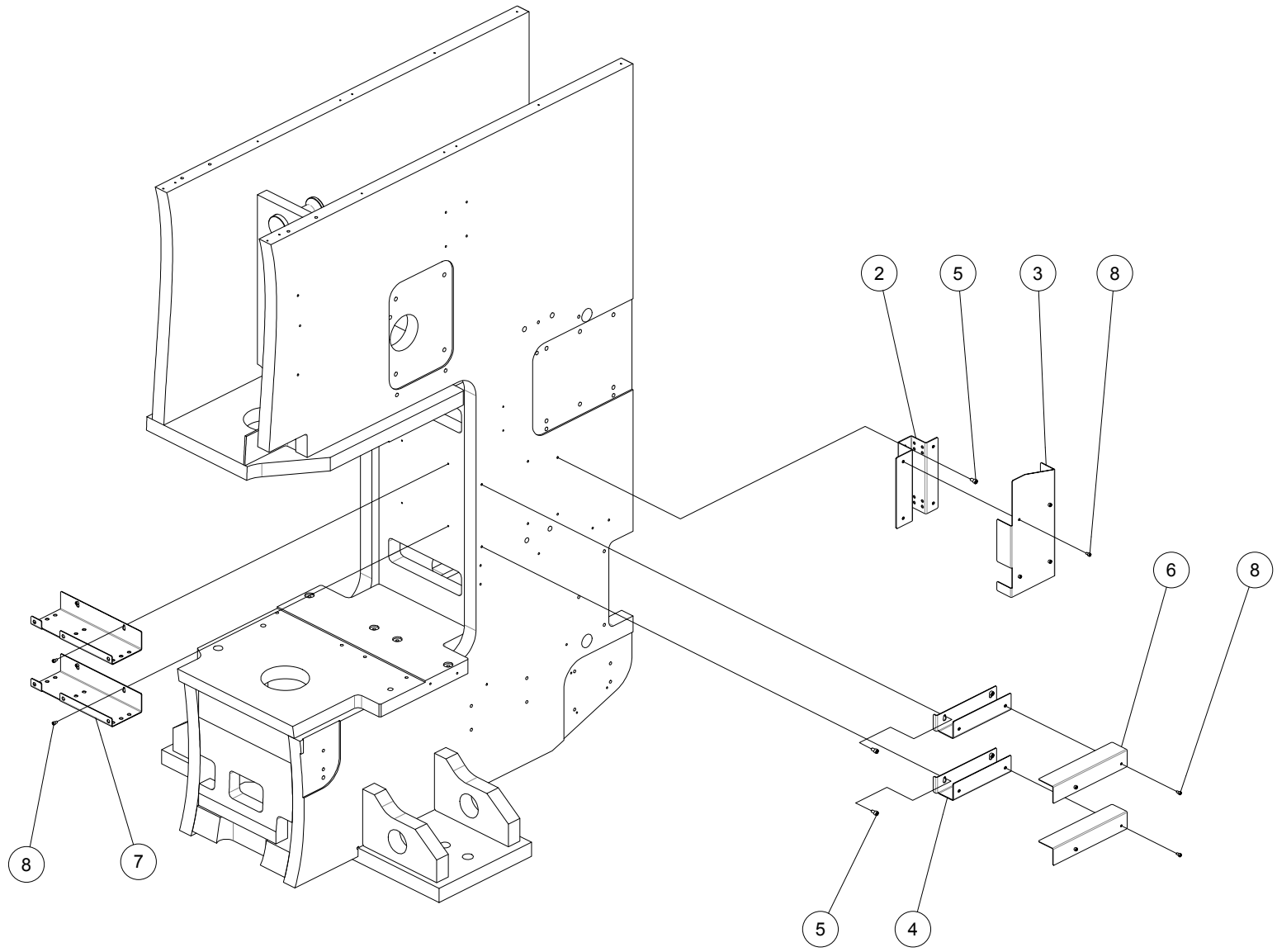


(1) Rear Duct Cover Installation TSU

CE01684---
(MA01300---)

Unit No. 176 Electric BF EU <Rear Duct Cover Installation TSU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01684---	Rear Duct Cover Installation TSU	Index 2	1
2	CE01701---	Duct S ASSY		1

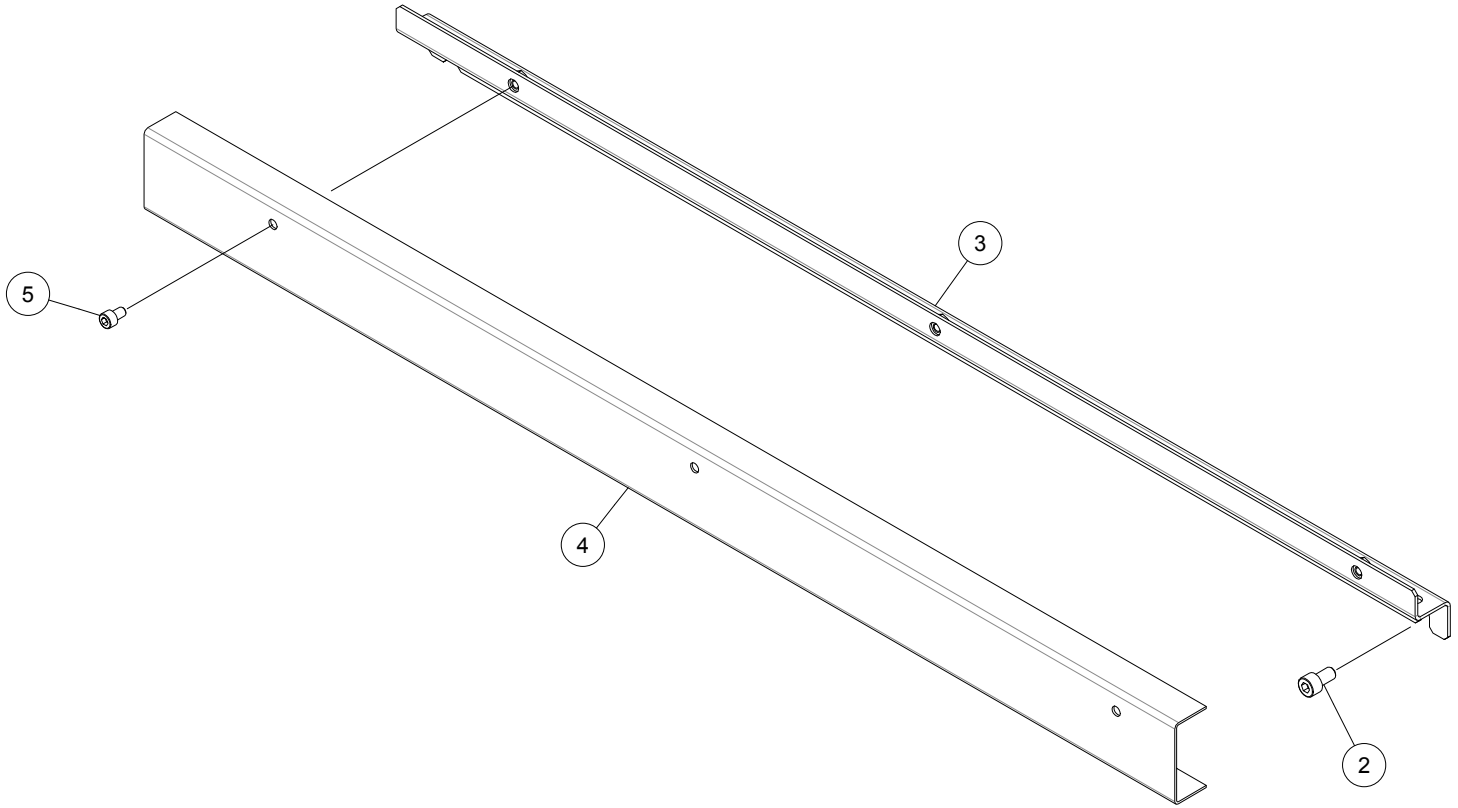


(1) Duct S ASSY

CE01701---
(MA01312---)

Unit No. 177 Electric BF EU <Duct S ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01701---	Duct S ASSY	Index 2-9	1
2	74402100 MA01302--A	Duct for Wiring RL		1
3	74402104 MA01305--B	Wiring Cover RL		1
4	74902267 MA01303--B	Duct for Wiring RS		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
6	74902269 MA01306---	Wiring Cover RS		1
7	74902270 MA01314--A	Duct for Wiring FR		1
8	74776743 P330220003	Hex Socket Cap Screw	M6X10	8
9	74402105 CE01724--A	Plate for Cable	List Only	1

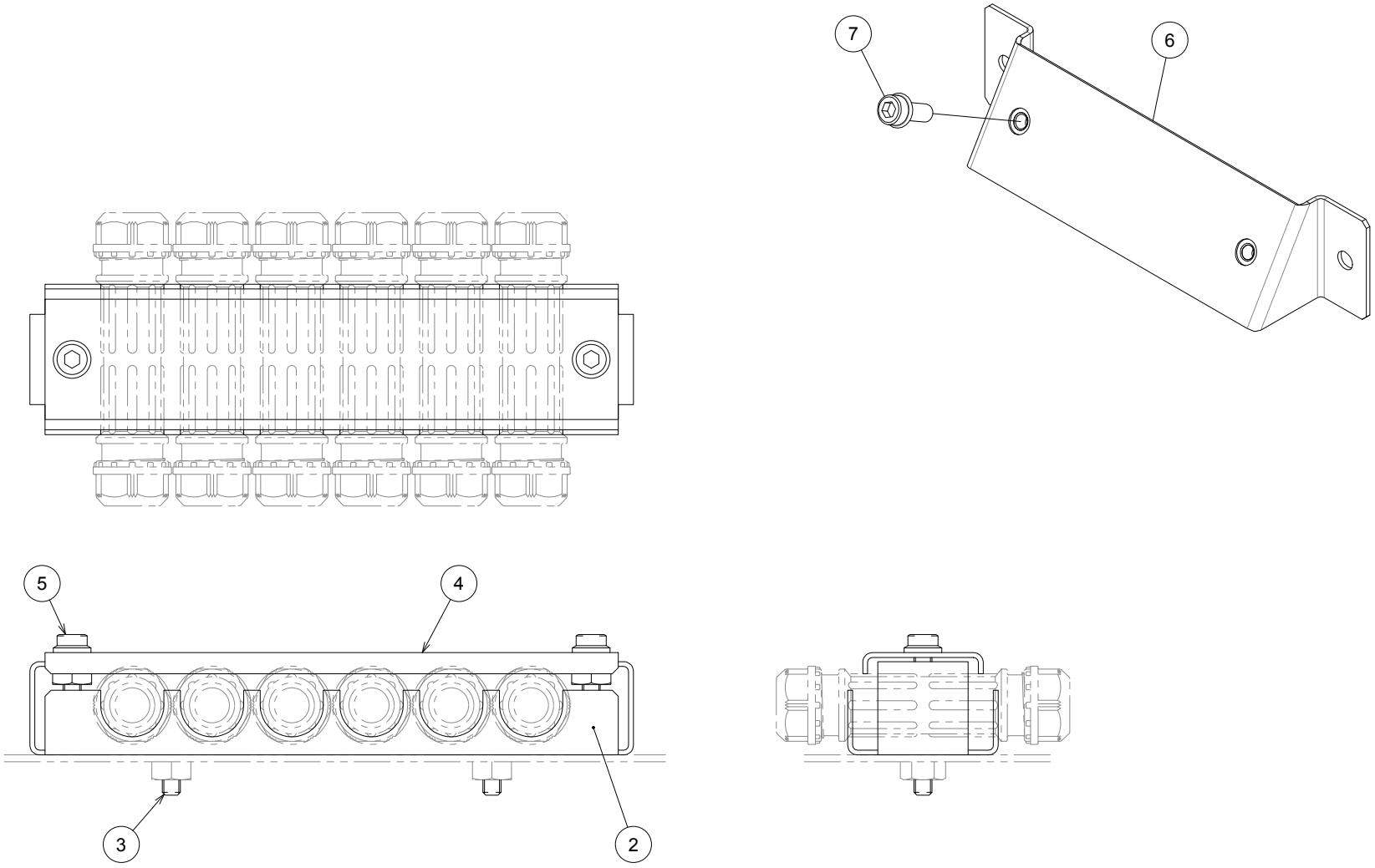


(1) Duct DU ASSY

CE01685---

Unit No. 178 Electric BF EU <Duct DU ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01685---	Duct DU ASSY	Index 2-5	1
2	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
3	74402106 CE01722---	Duct Du		1
4	74402107 CE01723---	Duct Cover Du		1
5	74776743 P330220003	Hex Socket Cap Screw	M6X10	3



(1) A-axis Wiring ASSY

MA03796---

Unit No. 179 Electric BF EU <A-axis Wiring ASSY>

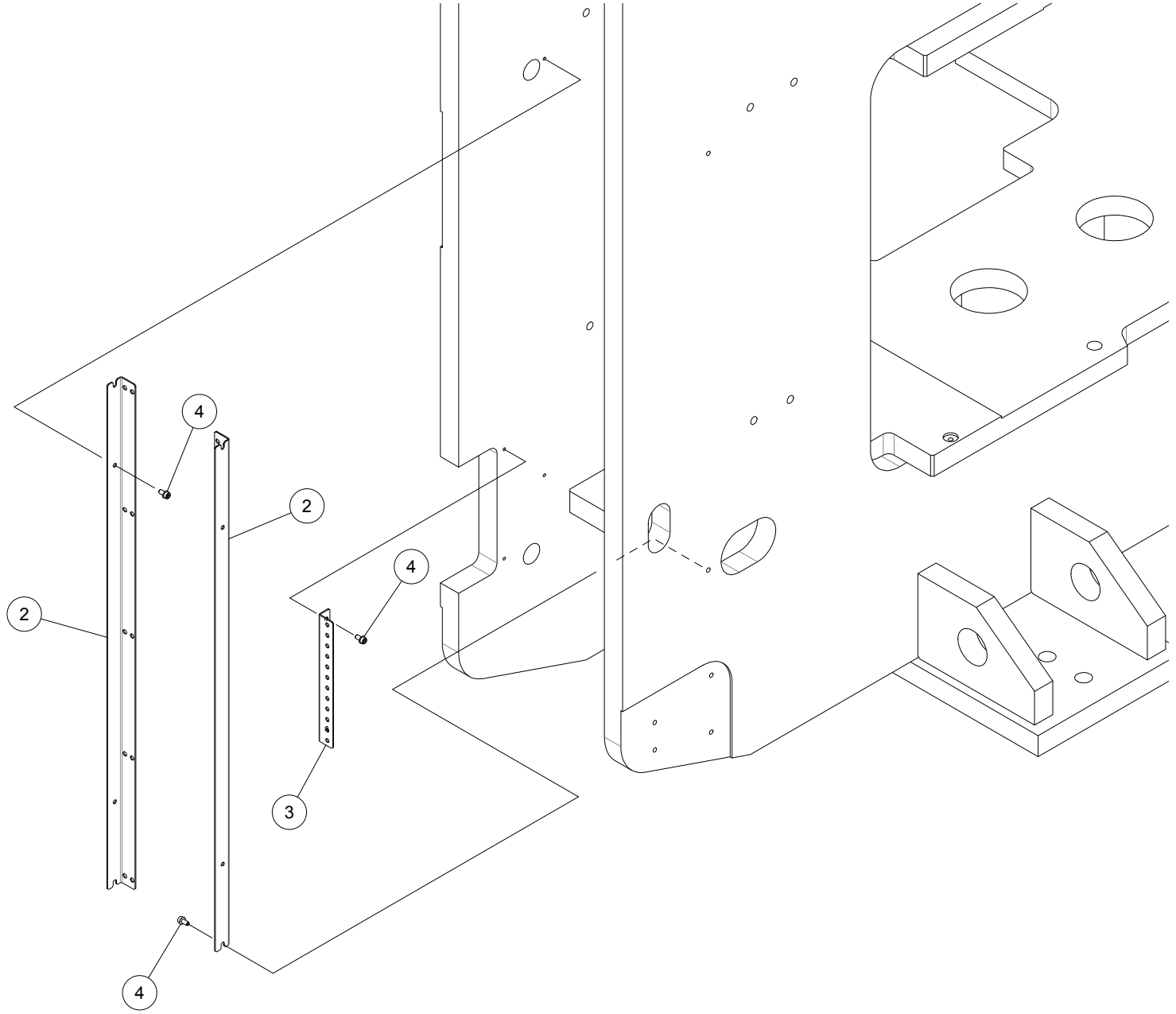
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03796---	A-axis Wiring ASSY	Index 2-7	1
2	74453229 3830416	Fixing Bracket 1		2
3	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
4	74453230 3830417 A	Fixing Bracket 2		2
5	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	4
6	74902403 MA02723---	Insulating Pipe Bracket		1
7	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2

< List Only >

CE01686---

Unit No. 180 Electric BF EU <Duct Cover for Wiring ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01686---	Duct Cover for Wiring ASSY	Index 2-12	1
2	74402111 CE01720---	Duct 2		1
3	74402112 CE01721---	Duct Cover 2		1
4	74902587 MA03819---	Duct 1		1
5	74902588 MA03820---	Duct Cover 1		1
6	74402113 CE00766---	Cable Base		1
7	74902325 MA02553---	Cable Branch Panel		1
8	74902326 MA02556--A	Cover		1
9	74776780 P330468037	Flange Socket Bolt NISSAN NEJI	M12X25	2
10	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	6
11	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	7
12	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	4



(1) Duct for Wiring T ASSY

MA03806---

Unit No. 181 Electric BF EU <Duct for Wiring T ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Duct for Wiring T ASSY		1
	MA03806---		Index 2-4	
2	74902328	Duct T		2
	MA02567---			
3	74902329	Duct for Wiring T		1
	MA02568---			
4	74382078	Flange Socket Bolt	M8X15	6
	P330468006	NISSAN NEJI		

< List Only >

CE00544---

Unit No. 182 Electric BF EU <Wiring Cover ASSY B>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00544---	Wiring Cover ASSY B	Index 2-9	1
2	74902703 MA05250---	Cover Bracket S		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74902834 MA06621---	Wiring Cover S		1
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	3
6	74402114 MA06622---	Cover S		1
7	74183302 P334500013	Button Head Screw	M6X10	3
8	74402115 CE00767---	Wiring Cover Y		1
9	74183620 P330230004	Hex Socket Cap Screw	M8X15	3

< List Only >

MA05208---

Unit No. 183 Electric BF EU <Jumper Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05208---	Jumper Connector ASSY	Index 2-7	1
2	74902381 / MA02671--A	Jumper Connector L-1		1
3	74902382 / MA02672---	Jumper Connector S-13		1
4	74902342 / MA02610---	Jumper Connector S-60		1
5	74902626 / MA04201---	Jumper Connector S-46		1
6	74902627 / MA04202---	Jumper Connector S-48		1
7	74902628 / MA04203---	Jumper Connector SM		1

< List Only >

CE00728---

Unit No. 184 Electric BF EU <Motor Cable ASSY 3612>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE00728---	Motor Cable ASSY 3612	 Index 2-8	1
2	74402116 CE00768---	X-axis Motor Cable		1
3	74402117 CE00769---	X-axis Signal Cable		1
4	74402118 CE00770---	YP-axis Motor Cable		1
5	74402119 CE00771---	YP-axis Signal Cable		1
6	74902387 MA02684--B	Thermal Sensor Cable TH		1
7	74902589 MA03824--B	P Motor Cable PA		1
8	74902590 MA03825--B	P Motor Cable PB		1

< List Only >

WA00373---

Unit No. 185 Electric BF EU <DU Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00373---	DU Cable ASSY	Index 2-6	1
2	74403042 MA04081--A	Cable TMDU		1
3	74902630 MA04213--A	Cable SPS6-1	(YV339)	1
4	74902623 MA04194---	Cable SPS6 (1)	Index 56	1
5	74382121 P557032011	Silencer SMC	AN120-M5	1
6	74903293 P558408005	Process Pump SMC	PB1011A-01-N YV339	1

< List Only >

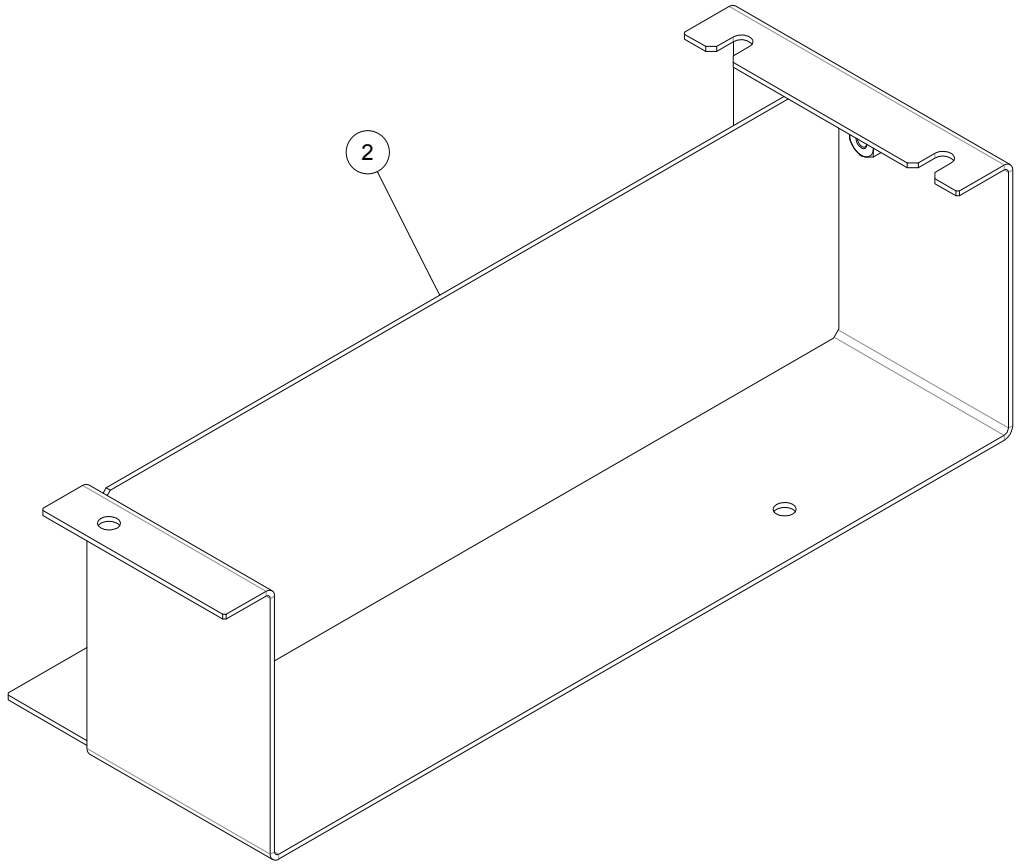
CE00729---

Unit No. 186 Electric BF EU <Sub Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00729---	Sub Control Box ASSY CE	Index 2-14	1
2	74902264 MA01291---	Sub Control Box		1
3	74402145 CE00774--A	Name Plate CE		1
4	74377124 P334520006	Flat Head Bolt NISSAN NEJI	M5X10	6
5	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
6	74570049 P821084087	Push Button Switch FUJI Electric	AR22F0S-10W-Z037	2
7	74402121 P820014298	Key Select Switch FUJI Electric	AR30JR-2D10A	1
8	74415121 7833079	Toggle Switch SHINDEN	SDT-110G-02SCAU	1
9	74308629 P823088001	Accessory for Toggle Switch Panasonic	WD1911	1
10	74903442 P843018006	Indicator Apparatus OKAYA	BD-1612G-24	4
11	74306805 P862032006	Plastic R Connector AMP	206151-1 37P	1
12	74903444 P862142012	Plug Type Terminal AMP	66103-2	25

Unit No. 186 Electric BF EU <Sub Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	4
14	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	3

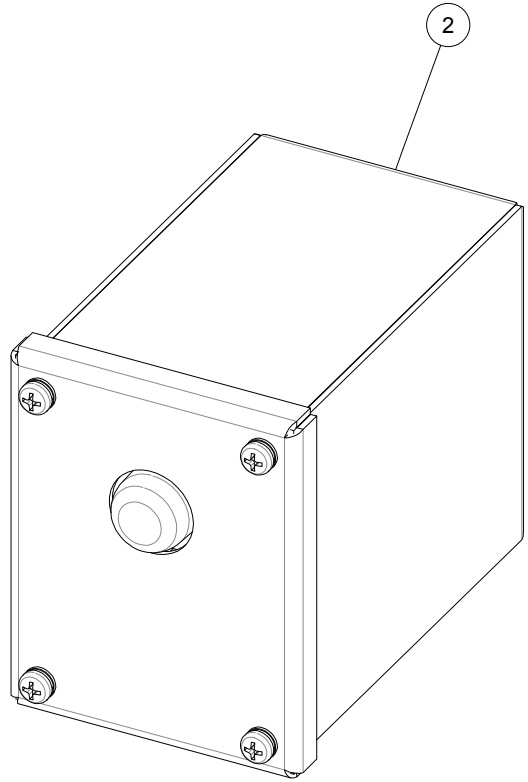


(1) Sub Control Box Installation

CE00730---

Unit No. 187 Electric BF EU <Sub Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Sub Control Box Installation		1
	CE00730---		Index 2-4	
2	74902265	Sub Control Box Bracket		1
	MA01293---			
3	74382078	Flange Socket Bolt	M8X15	3
	P330468006	NISSAN NEJI	List Only	
4	74183620	Hex Socket Cap Screw	M8X15	3
	P330230004		List Only	

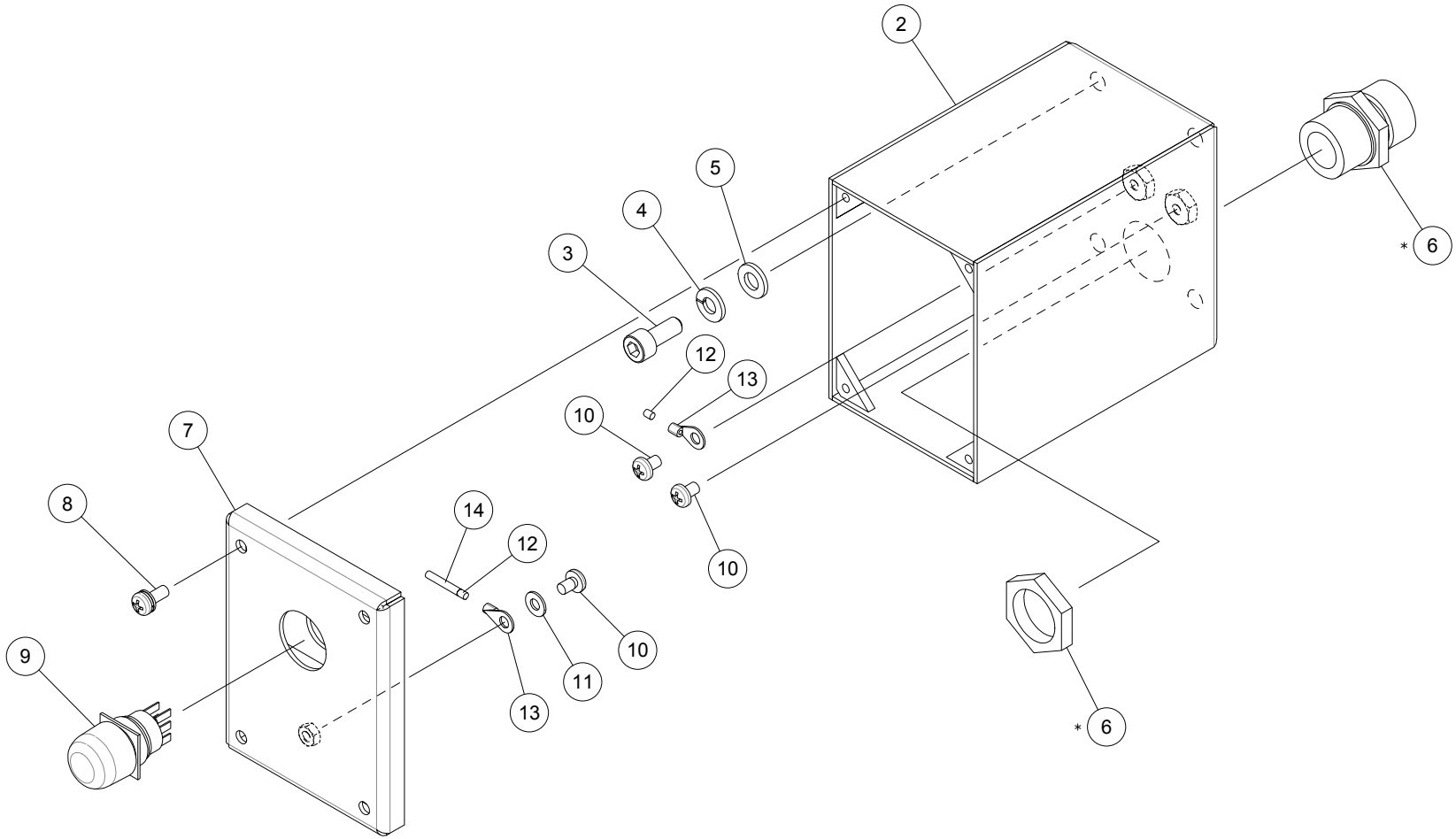


(1) Auxiliary Switch ASSY CE

MA02635---
(MA02636---)

Unit No. 188 Electric BF EU <Auxiliary Switch ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Auxiliary Switch ASSY CE		1
	MA02635---		Index 2-4	
2		Auxiliary Switch Box ASSY		1
	MA02636---			
3	74902363	Cable S-6		1
	MA02638---		List Only	
4	74400935	Name Plate		1
	MA02639---		List Only	



(1) Auxiliary Switch Box ASSY

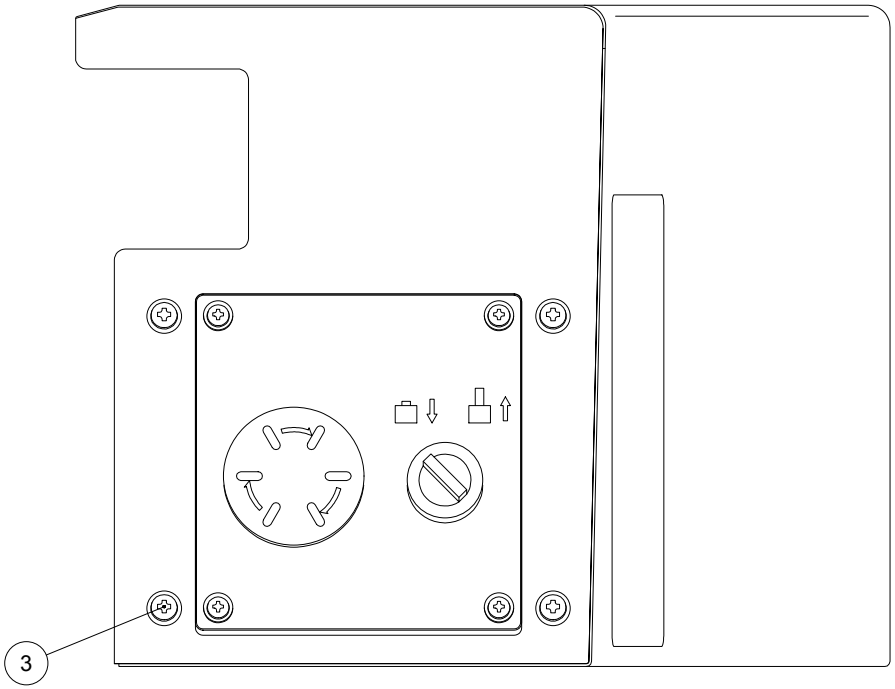
MA02636---

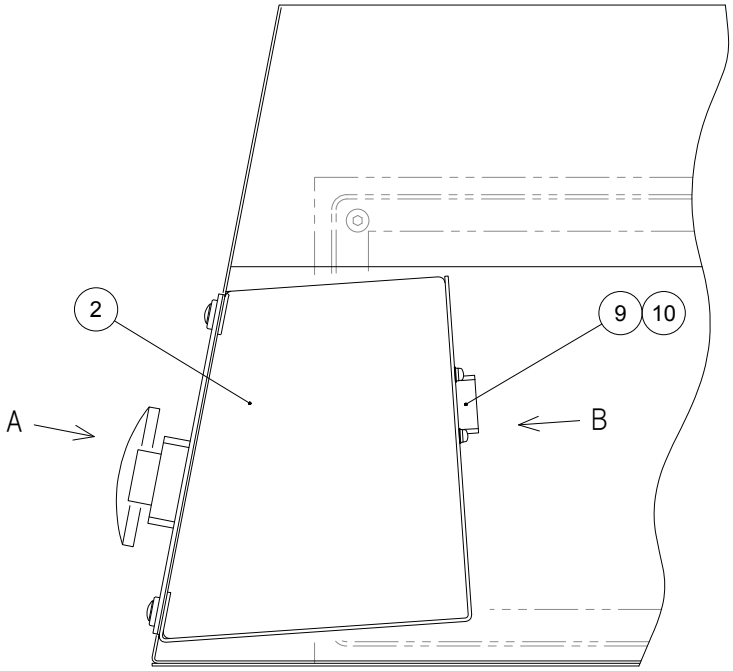
Unit No. 189 Electric BF EU <Auxiliary Switch Box ASSY>

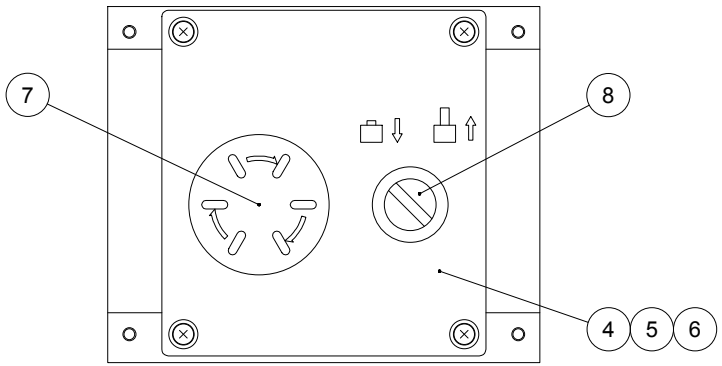
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02636---	Auxiliary Switch Box ASSY	Index 2-14	1
2	74385959 6594604	Switch Box		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
4	74178737 P336050005	Spring Washer JIS	6	4
5	74159714 P336000005	Washer JIS	6(Normal)	4
6	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
7	74902362 MA02637---	Lid		1
8	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
9	74903424 P826198005	Enabling Switch IDEC	HE5B-M2PN1	1
10	74183225 P334100016	Pan Head Screw JIS	M4X6	3
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74489972 P869220210	Marker Tube	1.25	2

Unit No. 189 Electric BF EU <Auxiliary Switch Box ASSY>

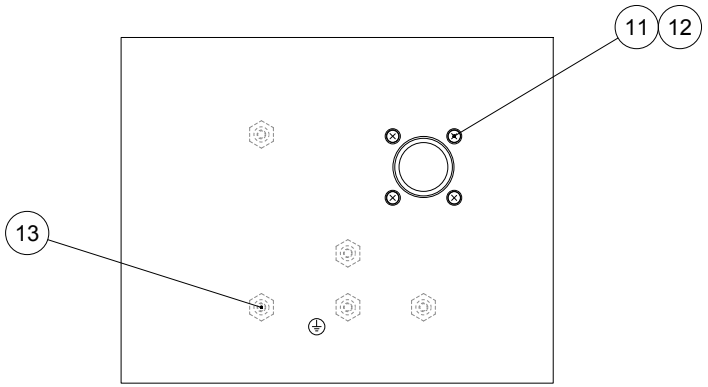
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74810602 QZZ040413	Vinyl Cord	KIV0.75X250(Y/G)	1







VIEW A



VIEW B

(1) CR Control Box ASSY CE

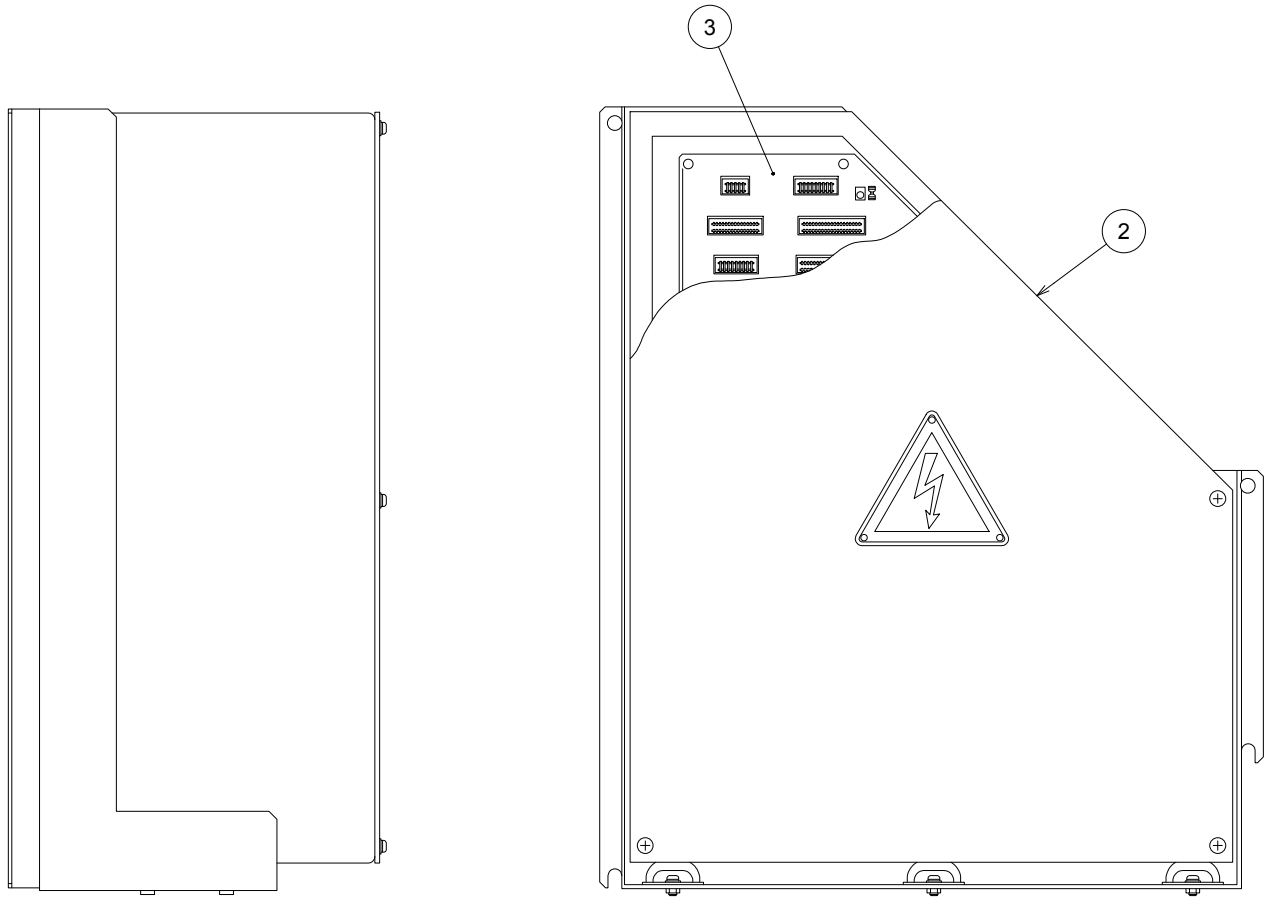
6870440--A
(6820273--A)

Unit No. 190 Electric BF EU <CR Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		CR Control Box ASSY CE		1
	6870440--A		Index 2-13	
2	74902076	CR Control Box		1
	6596126--C			
3	74722795	Finger Screw	Decorative Screw NO.3-M6X15	4
	P338048002	Tokyo Byora		
4	74415624	Name Plate CE		1
	6870441			
5	74386246	Packing		1
	6593673			
6	74712730	Finger Screw	Faced Screw -NO.2-M5X10	4
	P338048001	Tokyo Byora		
7	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
8	74777232	Key Select Switch	AR30PR-210B-Z037	1
	P820004083	FUJI Electric		
9	74521705	Plastic Round Connector	206036-1	1
	P862032003	AMP		
10	74450170	Plug Type Terminal	66099-3	9
	P862142082	AMP		
11	74570051	Sems Pan Head Screw	M3X10(Chromate P-4)	4
	P334200109	SANKO Industry		
12	74183201	Nut	M3	4
	P332000001	JIS		

Unit No. 190 Electric BF EU <CR Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	6

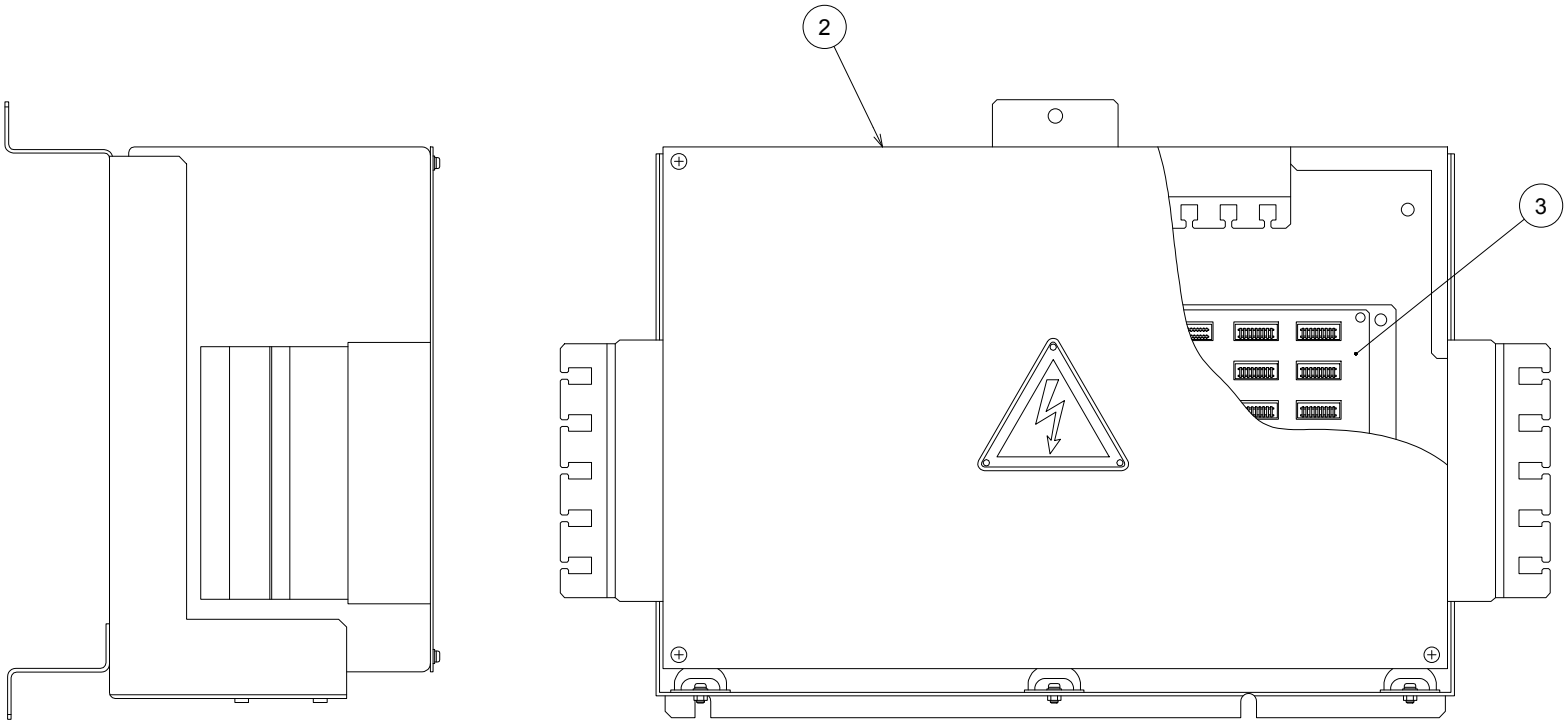


(1) Y Junction Box ASSY

7835585---
7835694---

Unit No. 191 Electric BF EU <Y Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7835585---	Y Junction Box ASSY	Index 23	1
2	74402122 / 7835694---	Y Junction Box ASSY / SANKO Electronics		1
3	74402123 / 7856152---	NEMLY Board / SANKO Electronics		1

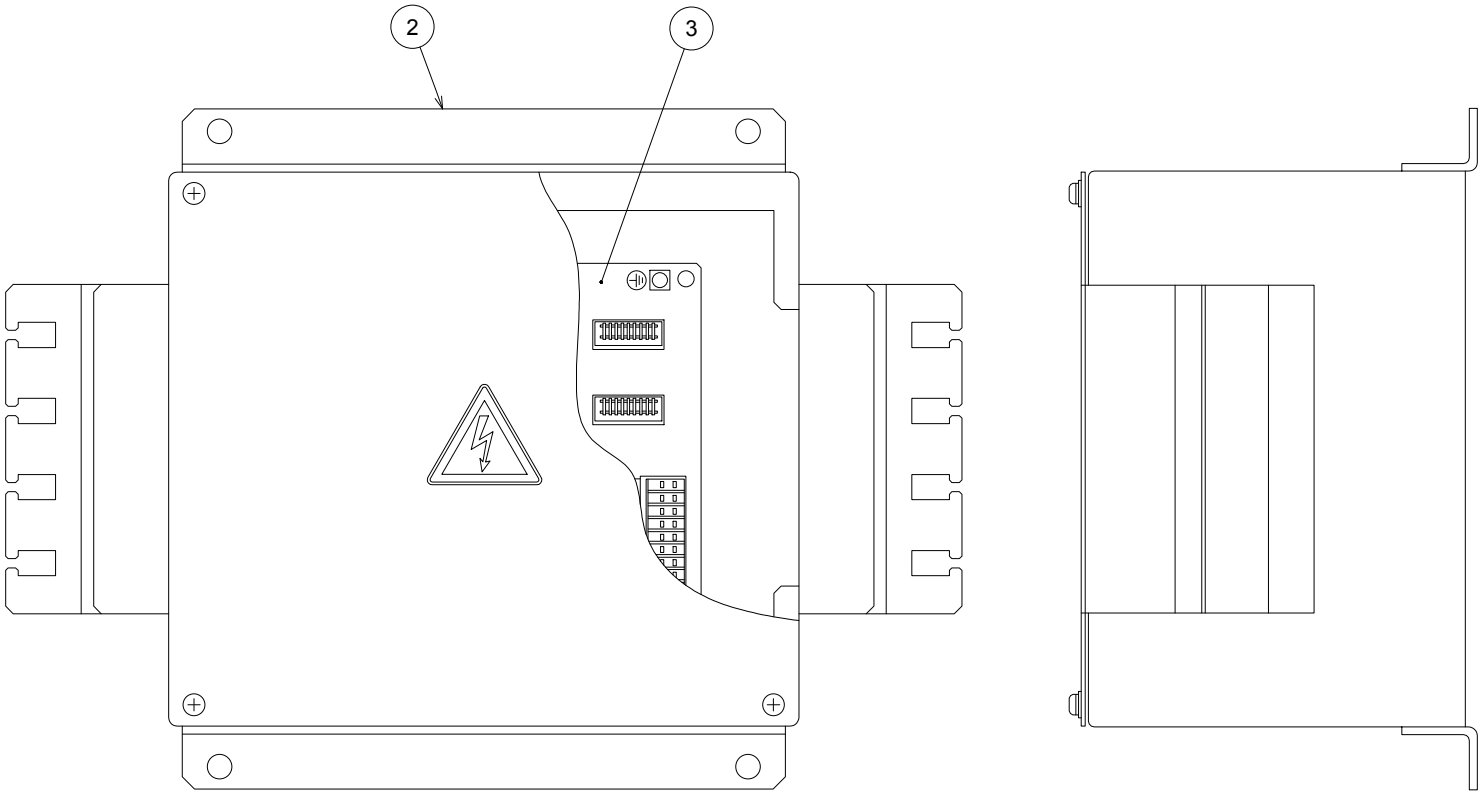


(1) S Junction Box ASSY

7835621---
7835695---

Unit No. 192 Electric BF EU <S Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		S Junction Box ASSY		1
	7835621---		Index 23	
2	74402124	S Junction Box ASSY		1
	7835695---	SANKO Electronics		
3	74402125	NEMLS Board		1
	7856153---	SANKO Electronics		

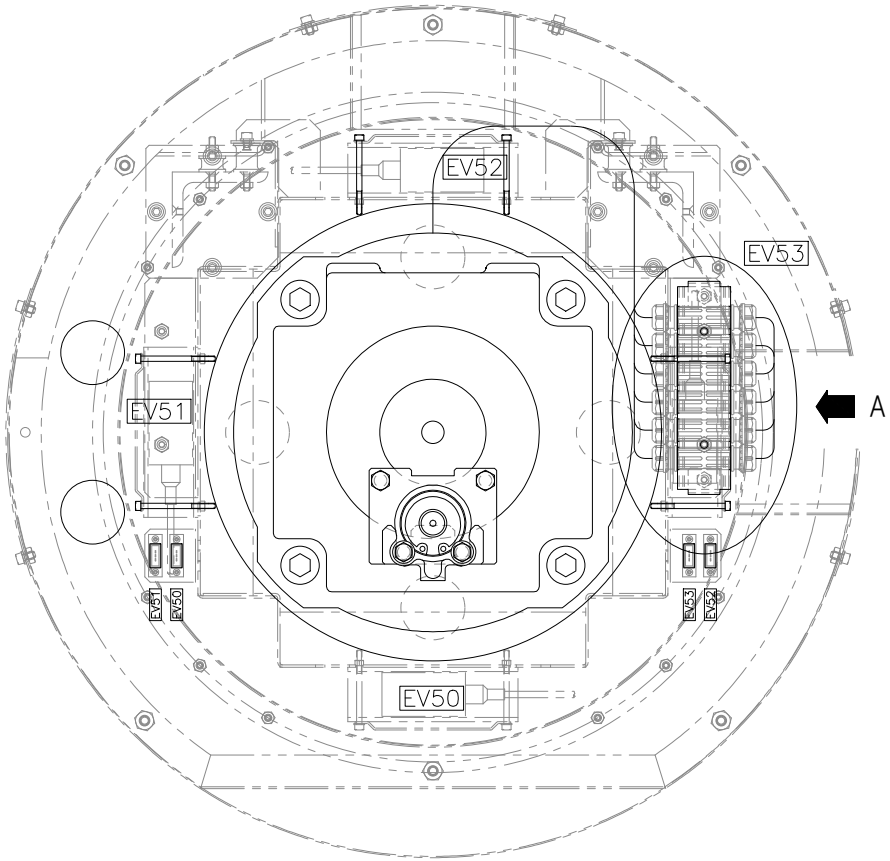


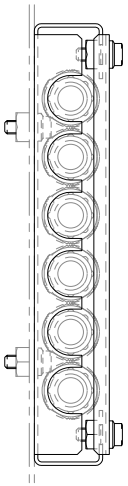
(1) DU Junction Box ASSY

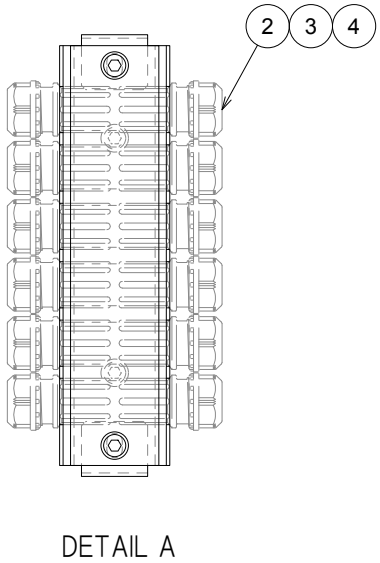
7835588---
7835696---

Unit No. 193 Electric BF EU <DU Junction Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		DU Junction Box ASSY		1
	7835588---		Index 23	
2	74402126	DU Junction Box		1
	7835696---	SANKO Electronics		
3	74402127	NEMLDU Board		1
	7856156---	SANKO Electronics		







DETAIL A

(1) Insulating Pipe ASSY

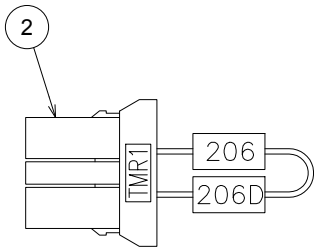
3831658
(6884911)

Unit No. 194 Electric BF EU <Insulating Pipe ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Insulating Pipe ASSY		1
	3831658		Index 2-4	
2	74812940	Insulating Pipe	OA-QW0911SN	12
	P869148017	OHM Electric		
3	74453231	Termination Panel		12
	3830398			
4	74776818	Sems Pan Head Screw	M6X10(Chromate P-4)	12
	P334200149	SANKO Industry		

S中継箱

(S Junction Box)



(1) Jumper Connector ASSY

MA05271---

Unit No. 195 Electric BF EU <Jumper Connector ASSY>

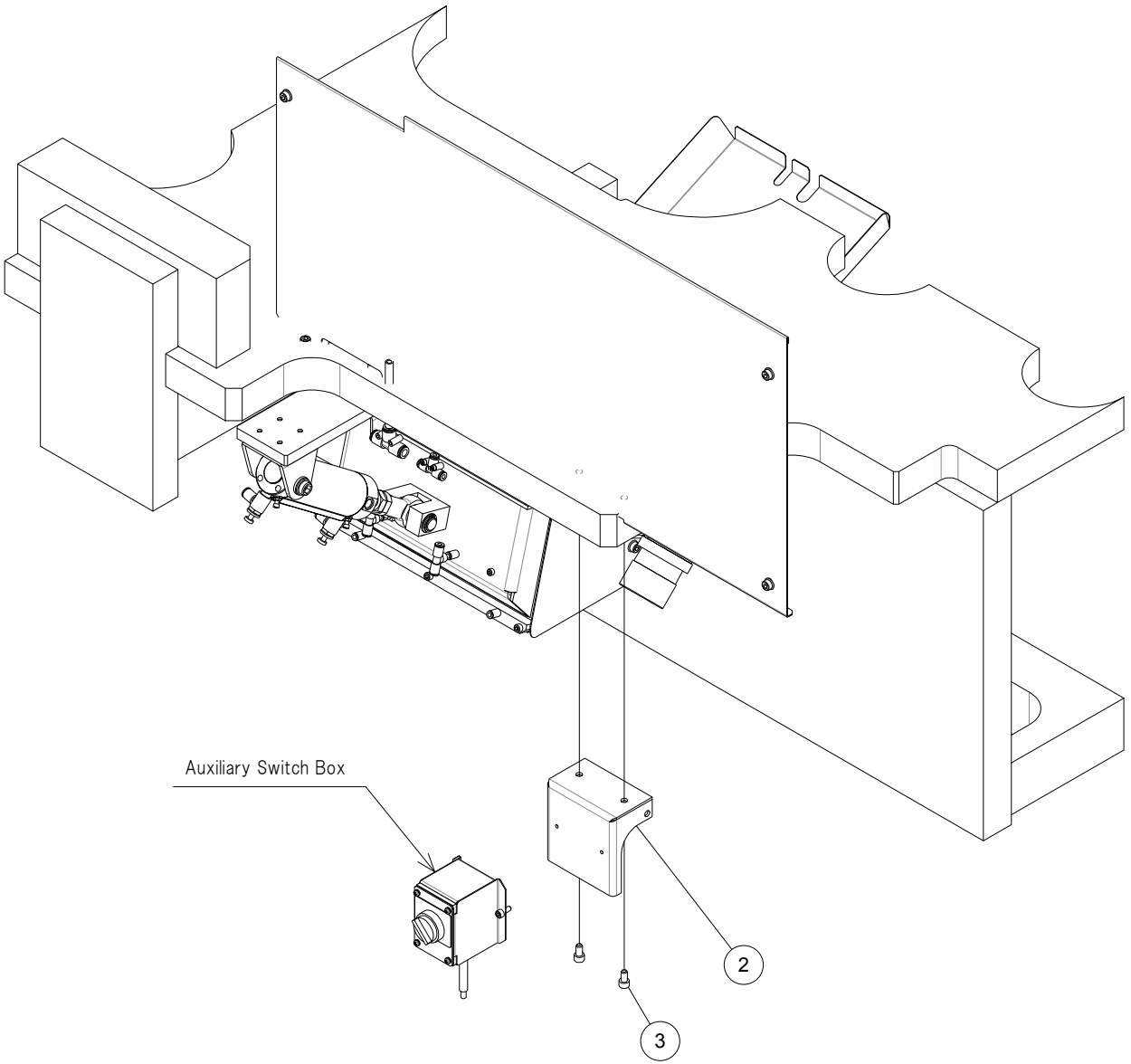
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Jumper Connector ASSY		1
	MA05213---		Index 2	
2	74902724	Jumper Connector TMR1		1
	MA05271---			

< List Only >

MA05214---

Unit No. 196 Electric BF EU <TSU Cable ASSY (Body Side)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05214---	TSU Cable ASSY (Body Side)	Index 23	1
2	74902368 / MA02645---	Cable TMY5		1
3	74902369 / MA02646---	Cable TMY6		1

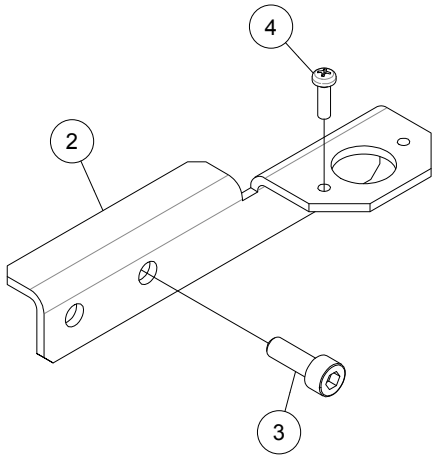


(1) Maintenance SW Installation

CE00790---

Unit No. 197 Electric BF EU <Maintenance SW Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00790---	Maintenance SW Installation	Index 23	1
2	74402128 / CE00791---	Maintenance SW Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	2

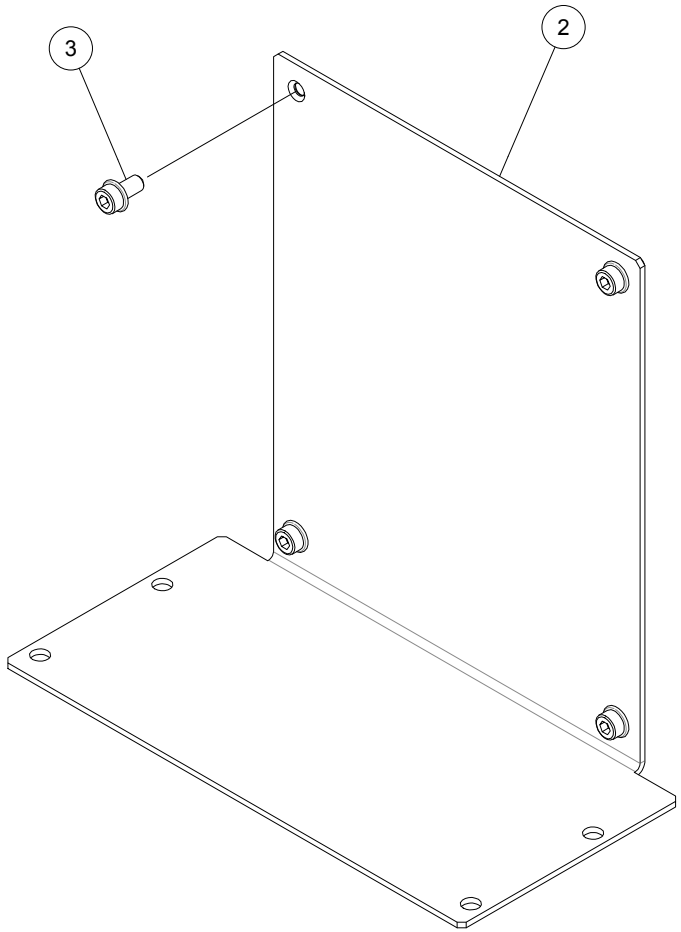


(1) A-axis Encoder Cable Cut Off ASSY

CE01725---

Unit No. 198 Electric BF EU <A-axis Encoder Cable Cut Off ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01703---	A-axis Encoder Cable Cut Off ASSY	Index 2-4	1
2	74400945 CE01725---	Encoder Junction Panel		1
3	74314403 P330210006	Hex Socket Cap Screw	M5X15	2
4	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	2

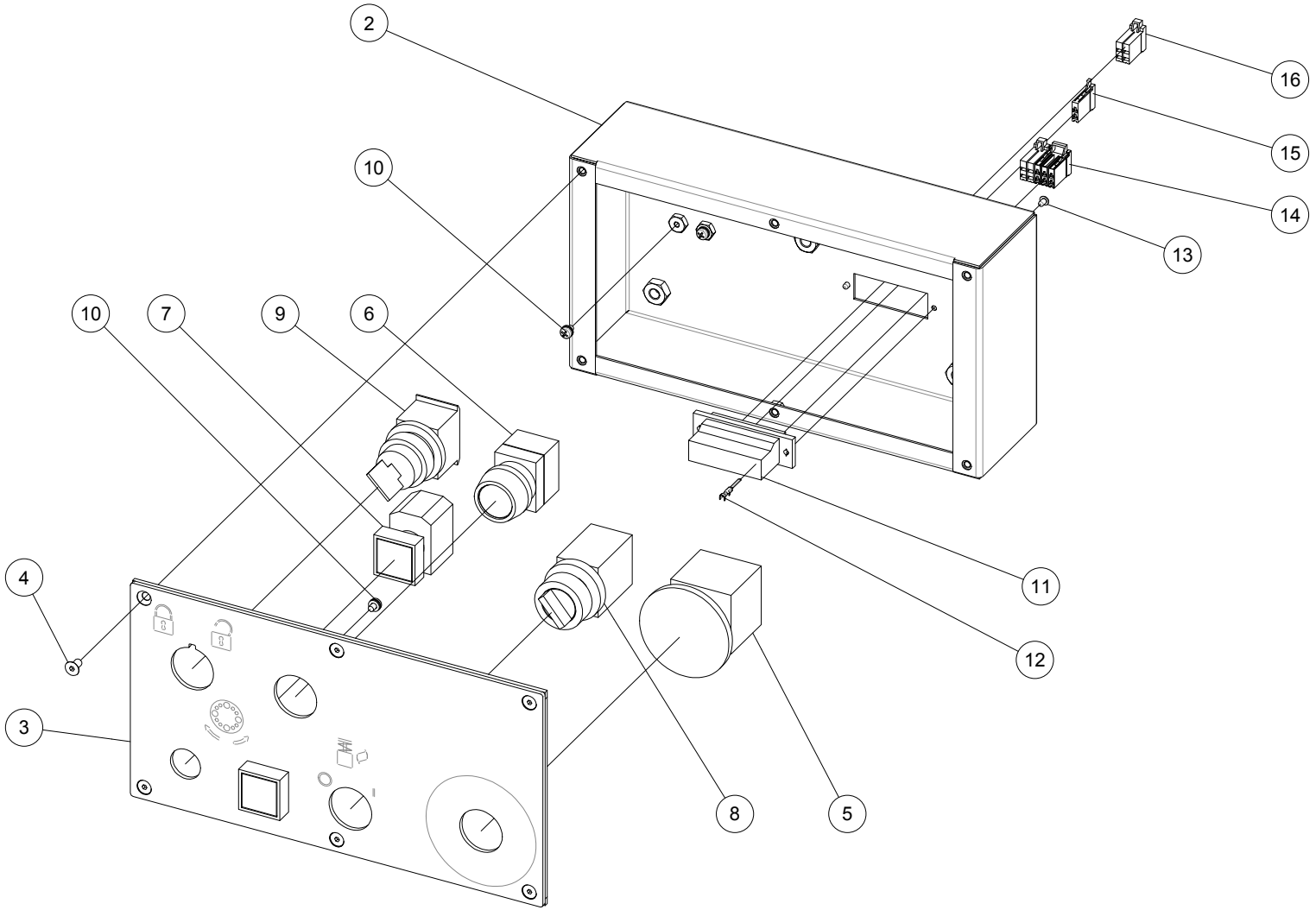


(1) DU Junction Box Installation ASSY

CE00810---

Unit No. 199 Electric BF EU <DU Junction Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		DU Junction Box Installation ASSY		1
	CE00810---		Index 23	
2	74402129	DU Junction Box Bracket		1
	CE00777---			
3	74382078	Flange Socket Bolt	M8X15	8
	P330468006	NISSAN NEJI		



(1) Buffer Control Box ASSY CE

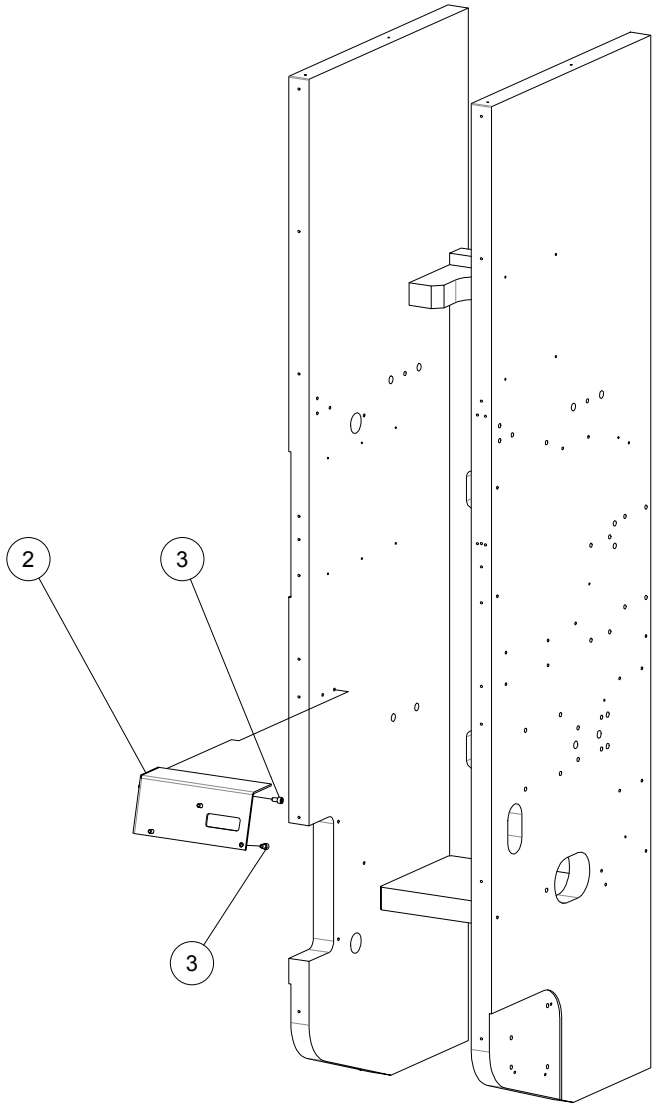
MA07985---

Unit No. 200 Electric BF EU <Buffer Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07985---	Buffer Control Box ASSY CE	Index 2-16	1
2	74402130 MA07901---	Buffer Control Box		1
3	74402146 MA07986---	Name Plate CE		1
4	74377124 P334520006	Flat Head Bolt NISSAN NEJI	M5X10	6
5	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
6	74777238 P821124115	Push Button Switch FUJI Electric	AR30G1R-10W	1
7	74386504 P821084072	Push Button Switch FUJI Electric	AR22F0S-10W	2
8	74387388 P820004069	Key Select Switch FUJI Electric	AR30PR-210B	1
9	74900610 P820014274	Key Select Switch FUJI Electric	AR30JR-2B02A	1
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	3
11	74564479 P862042082	Rectangle Connector AMP	917241-8	1
12	74489980 P862142029	Plug Type Terminal AMP	175289-2	16

Unit No. 200 Electric BF EU <Buffer Control Box ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2
14	74402132 MA07903---	Cable S-BC1		1
15	74402133 MA07984---	Cable CN4C15		1
16	74402147 MA07983---	Cable CN4C13		1



(1) Buffer Control Box Installation

MA07905---

Unit No. 201 Electric BF EU <Buffer Control Box Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07905---	Buffer Control Box Installation	Index 23	1
2	74402134 / MA07906---	Buffer Control Box Bracket		1
3	74183620 / P330230004	Hex Socket Cap Screw	M8X15	5

< List Only >

MA08103---

Unit No. 202 Electric BF EU <Cable ASSY BF CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Cable ASSY BF CE		1
	MA08103---		Index 2-8	
2	74300603	Hex Socket Cap Screw	M4X40	4
	P330200025			
3	74402136	Actuator (for Safety Switch)	HS9Z-A55	1
	P826218008	IDEC		
4	74314401	Hex Socket Cap Screw	M4X10	2
	P330200015			
5	74402148	Cable CN4C14		1
	MA07917---			
6	74402139	LS Bracket		1
	MA07928---			
7	74402140	Switch Bracket		1
	MA07929---			
8	74560920	Flange Socket Bolt	M6X12	4
	P330468026	NISSAN NEJI		

< List Only >

6793177---

Unit No. 203 Control Device <Accessory>

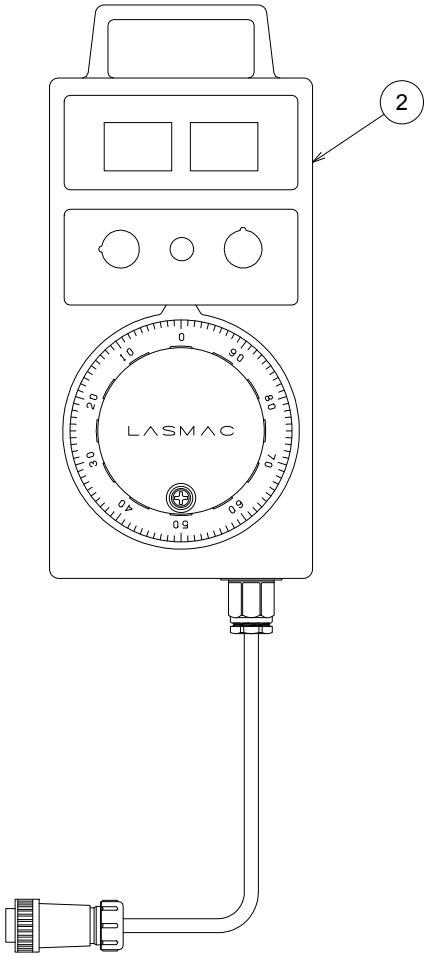
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793177---	Accessory	Index 2-4	1
2	6791743---	Accessory EU/EX		1
3	6793178---	Accessory CHN		1
4	6793179---	Accessory DOM		1

< List Only >

6791743---

Unit No. 204 Control Device <Accessory EU/EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791743---	Accessory EU/EX	Index 2-11	1
2	74777170 P767485409	Accessory (Program Controller) FANUC	A08B-0082-K020 (Protection Sheet)	1
3	P767485925	30I-B Maintenance Manual ENG FANUC	B-64485EN	1
4	74401583 P842068039	Fuse FANUC	A08B-0088-K020	1
5	74903436 P842068035	Fuse FANUC	A02B-0265-K100	2
6	74571706 P767485131	Pen for Touch Screen Operation FANUC	A02B-0236-K111	1
7	74903438 P842068037	Fuse FANUC	A03B-0815-K001	7
8	74777248 P842068025	Fuse FANUC	A06B-6073-K250	4
9	74401584 P362018110	Recovery CD FANUC	A08B-0088-K780	1
10	6791382---	Supplies (Handy Pulsar)		1
11	74614035 7856151---	AMNC Security Option UNIDUX	AMNC_SECURITY_OPTION	1



(1) Supplies (Handy Pulsar)

7835599---

Unit No. 205 Control Device <Supplies (Handy Pulsar)>

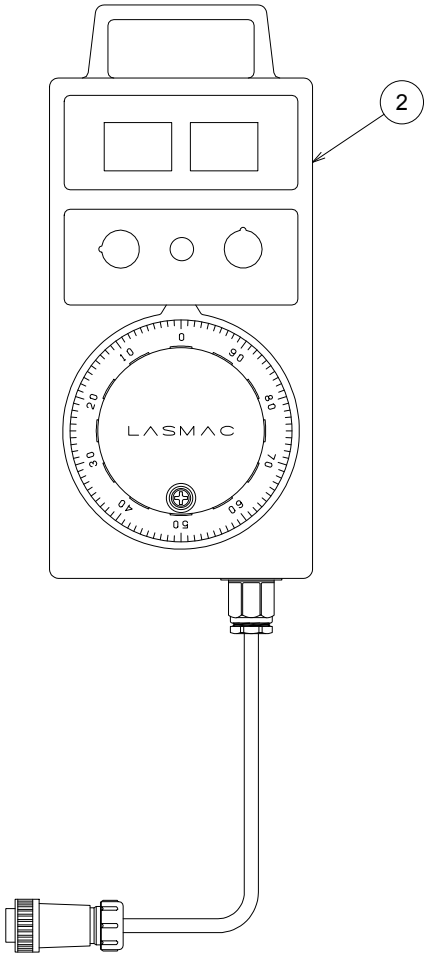
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Handy Pulsar)		1
	6791382---		Index 2	
2	74902137	Pulsar	EAHM-766 2	1
	7835599---	TOSOKU		

< List Only >

6793178---

Unit No. 206 Control Device <Accessory CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793178---	Accessory CHN	Index 2-11	1
2	74777170 P767485409	Accessory (Program Controller) FANUC	A08B-0082-K020 (Protection Sheet)	1
3	P767485942	30I-B Maintenance Manual C FANUC	B-64485CM	1
4	74401583 P842068039	Fuse FANUC	A08B-0088-K020	1
5	74903436 P842068035	Fuse FANUC	A02B-0265-K100	2
6	74571706 P767485131	Pen for Touch Screen Operation FANUC	A02B-0236-K111	1
7	74903438 P842068037	Fuse FANUC	A03B-0815-K001	6
8	74777248 P842068025	Fuse FANUC	A06B-6073-K250	4
9	74401584 P362018110	Recovery CD FANUC	A08B-0088-K780	1
10	6791382---	Supplies (Handy Pulsar)		1
11	74614035 7856151---	AMNC Security Option UNIDUX	AMNC_SECURITY_OPTION	1



(1) Supplies (Handy Pulsar)

7835599---

Unit No. 207 Control Device <Supplies (Handy Pulsar)>

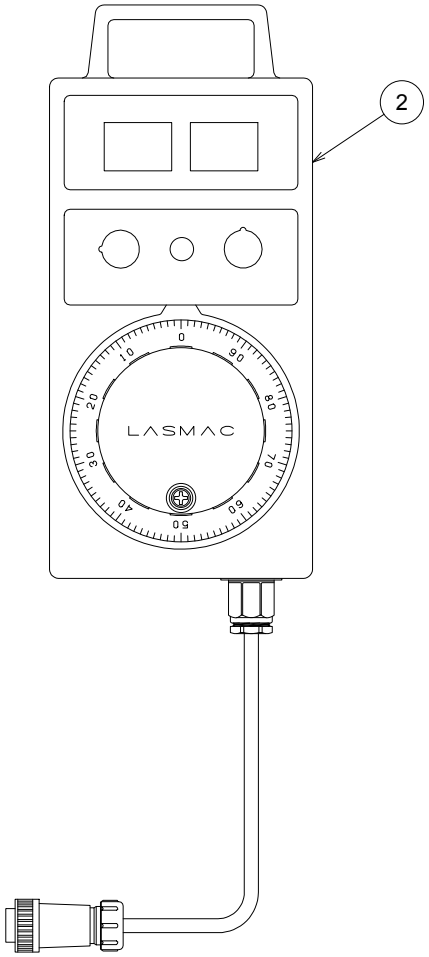
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Handy Pulsar)		1
	6791382---		Index 2	
2	74902137	Pulsar	EAHM-766 2	1
	7835599---	TOSOKU		

< List Only >

6793179---

Unit No. 208 Control Device <Accessory DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793179---	Accessory DOM	Index 2-11	1
2	74777170 P767485409	Accessory (Program Controller) FANUC	A08B-0082-K020 (Protection Sheet)	1
3	P767485899	30I-B Maintenance Manual FANUC	B-64485JA	1
4	74401583 P842068039	Fuse FANUC	A08B-0088-K020	1
5	74903436 P842068035	Fuse FANUC	A02B-0265-K100	2
6	74571706 P767485131	Pen for Touch Screen Operation FANUC	A02B-0236-K111	1
7	74903438 P842068037	Fuse FANUC	A03B-0815-K001	6
8	74777248 P842068025	Fuse FANUC	A06B-6073-K250	4
9	74401584 P362018110	Recovery CD FANUC	A08B-0088-K780	1
10	6791382---	Supplies (Handy Pulsar)		1
11	74614035 7856151---	AMNC Security Option UNIDUX	AMNC_SECURITY_OPTION	1

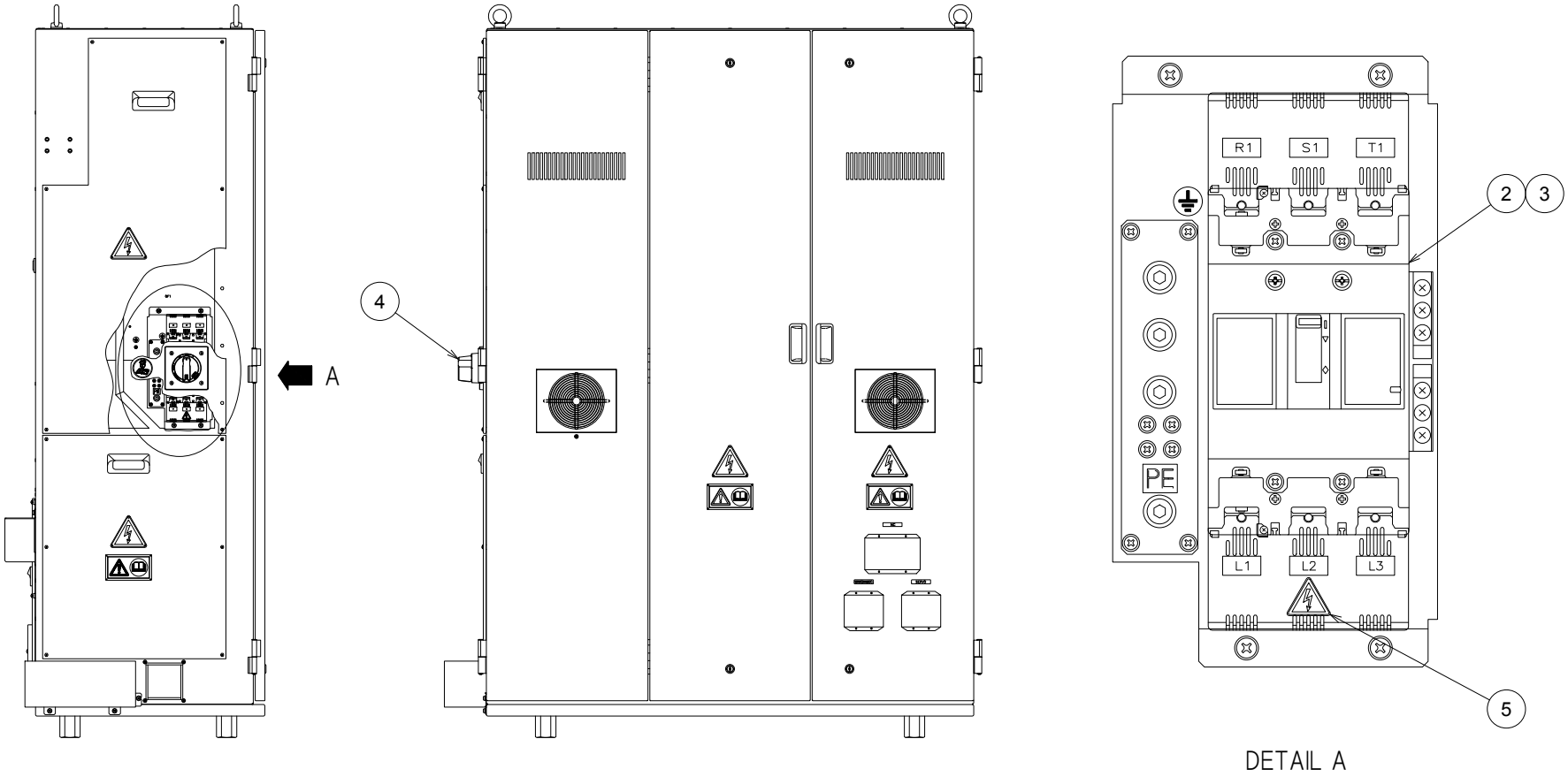


(1) Supplies (Handy Pulsar)

7835599---

Unit No. 209 Control Device <Supplies (Handy Pulsar)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Handy Pulsar)		1
	6791382---		Index 2	
2	74902137	Pulsar	EAHM-766 2	1
	7835599---	TOSOKU		



(1) Breaker Box ASSY 150

6791781---

Unit No. 210 Control Device <Breaker Box ASSY 150>

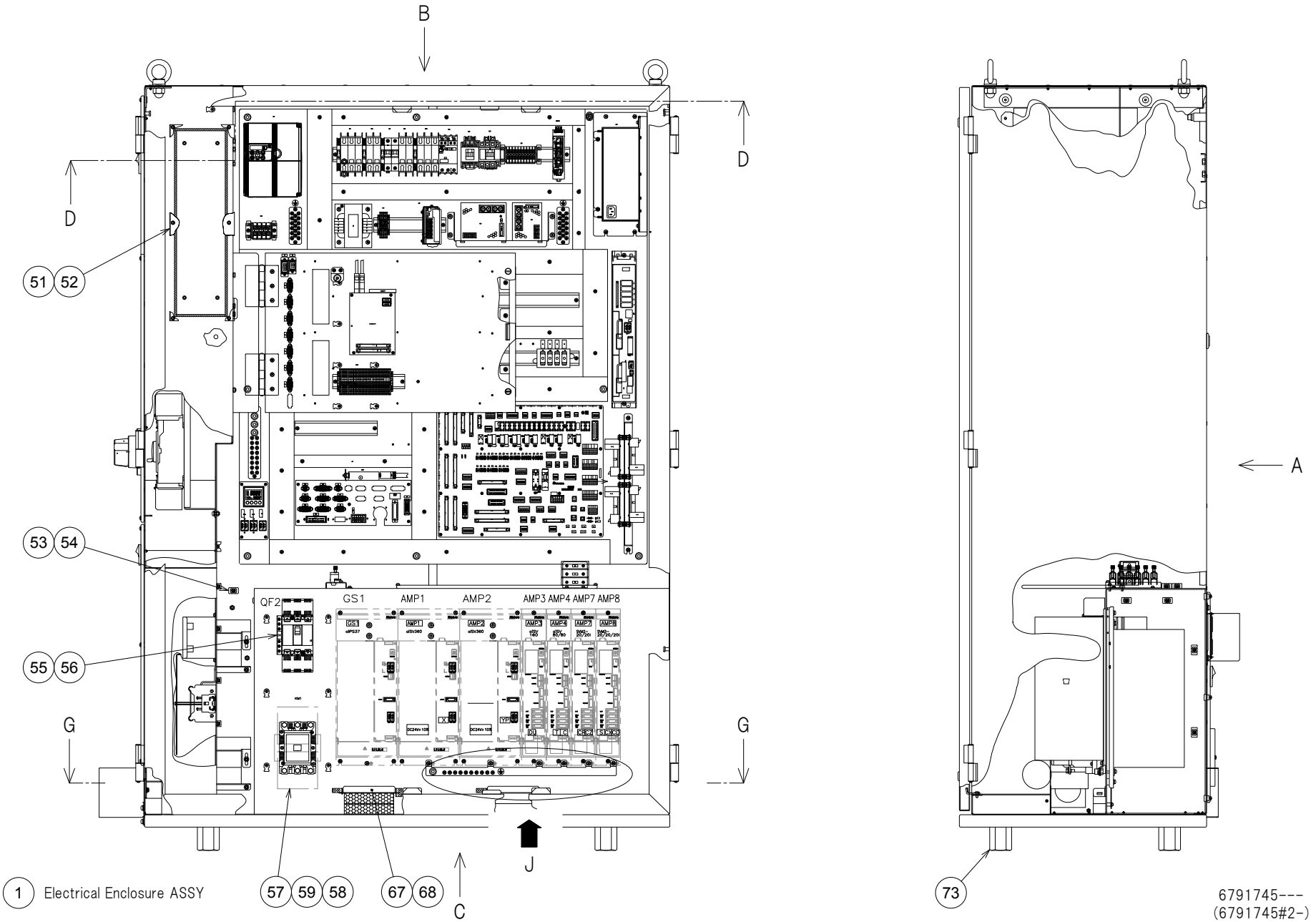
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Breaker Box ASSY 150		1
	6791781---		Index 2-5	
2	74903405	Low Voltage Breaker	BW250JAGU-3P150FRA	1
	P812004300	FUJI Electric		
3	74903406	Accessory (Low Voltage Breaker)	BW9BTGA-L3	1
	P812094116	FUJI Electric		
4	74903417	Accessory (Low Voltage Breaker)	BW9V0GA	1
	P812294011	FUJI Electric		
5	74776892	Charging Mark	20MM	1
	P360208002	NIKKOUKAI		

< List Only >

6793195---

Unit No. 211 Control Device <Electrical Enclosure ASSY EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793195---	Electrical Enclosure ASSY EU	Index 2-10	1
2	6791745---	Electrical Enclosure ASSY		1
3	6791756---	Door L ASSY		1
4	6791757---	Door R ASSY		1
5	6791758---	Cover R ASSY		1
6	6791754---	Inner Plate 1 ASSY		1
7	6791760---	Inner Plate 2 ASSY		1
8	6791762---	Inner Plate 3 ASSY		1
9	6791761--A	Control Panel Harness		1
10	6791724--A	F Supplies (Electrical Control Cabinet) EU		1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QF2
GS1
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AMP2
AMP3 AMP4 AMP7 AMP8
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67 68
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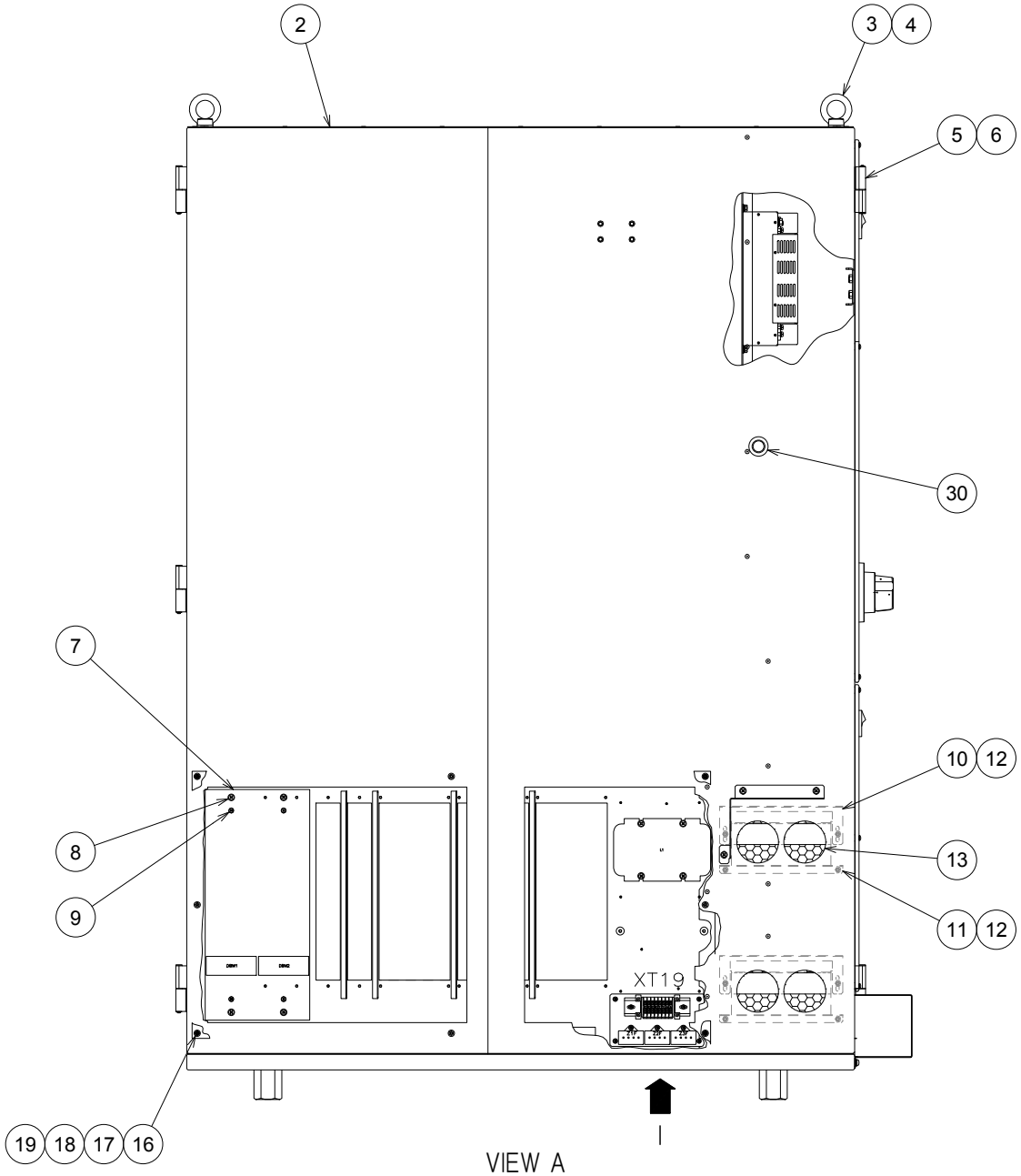
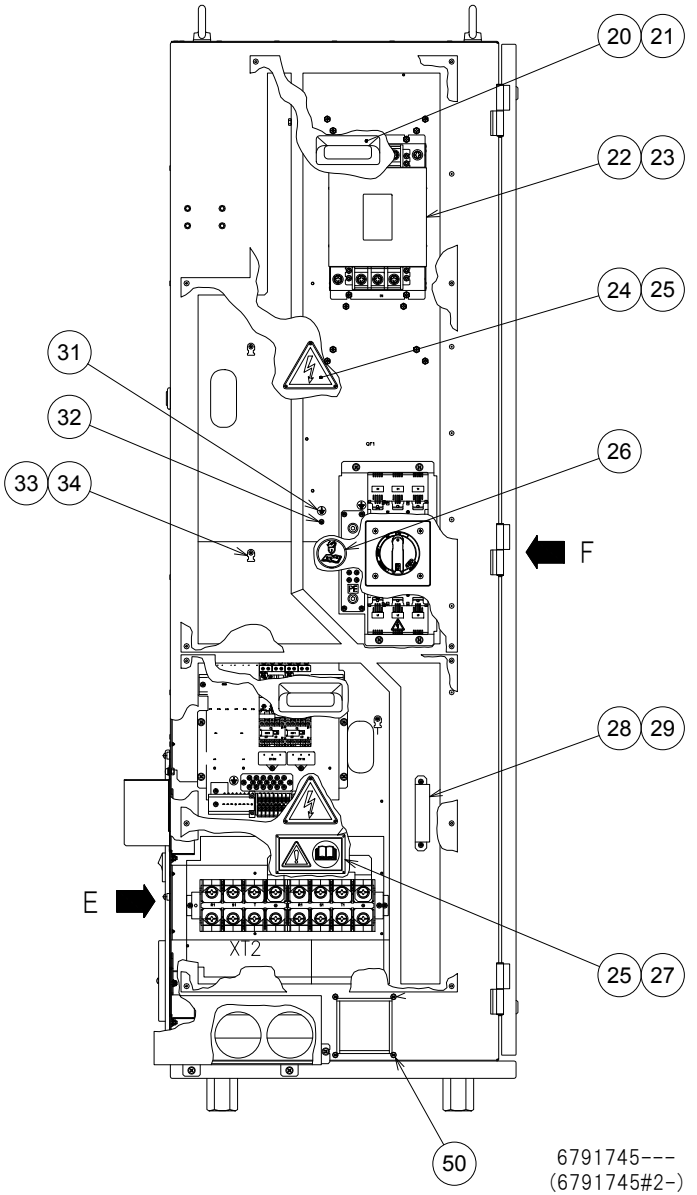
73
1 Electrical Enclosure ASSY
6791745---
(6791745#2-)





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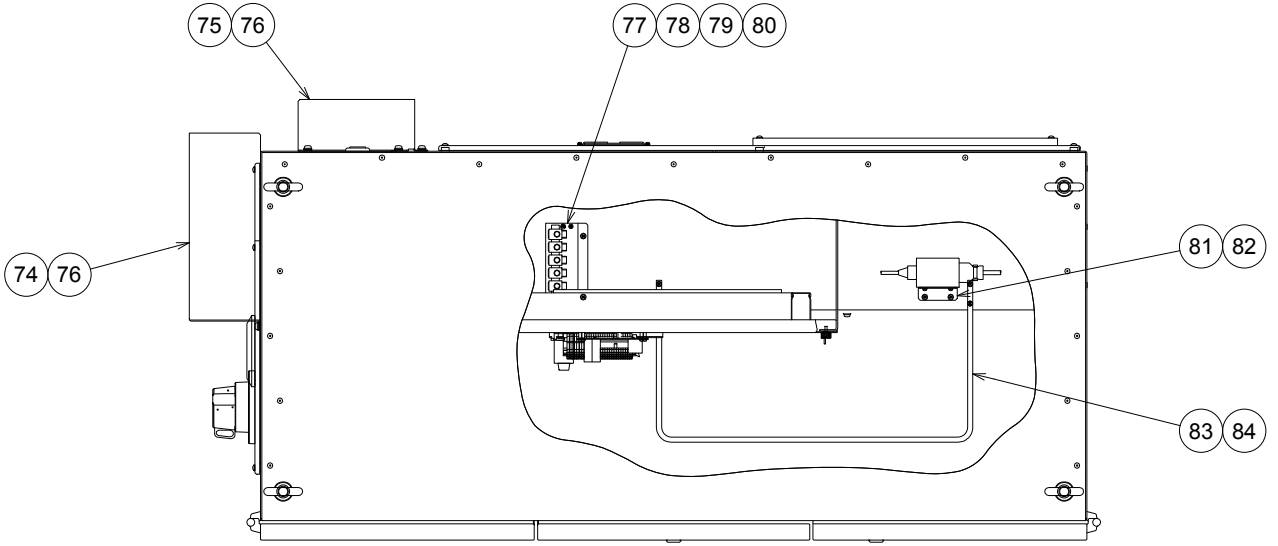
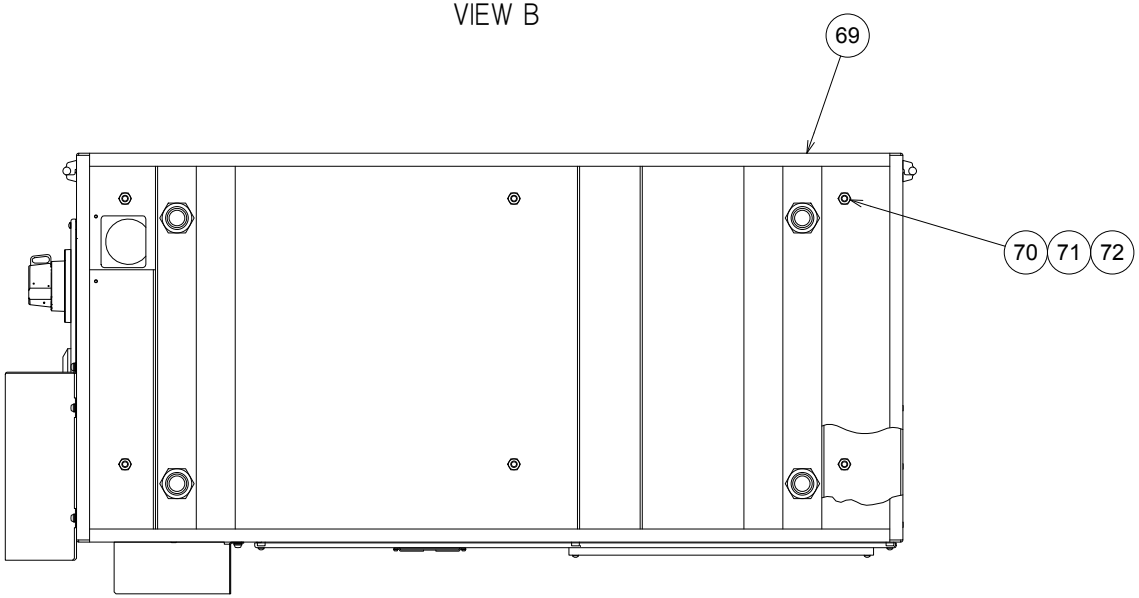
(6791745#2-)

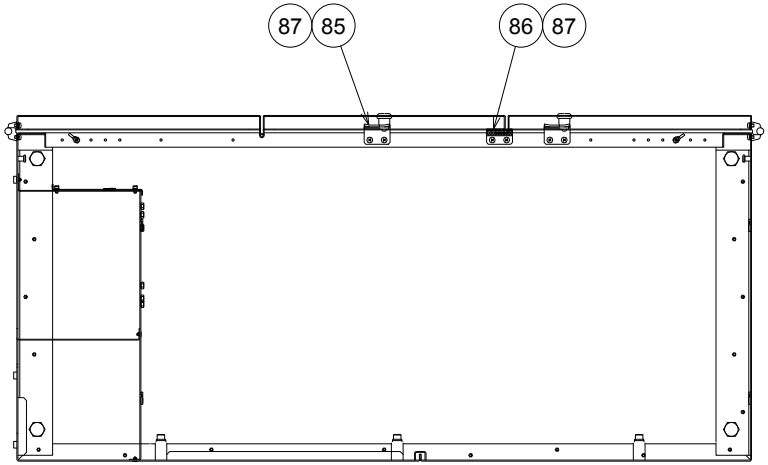


VIEW B

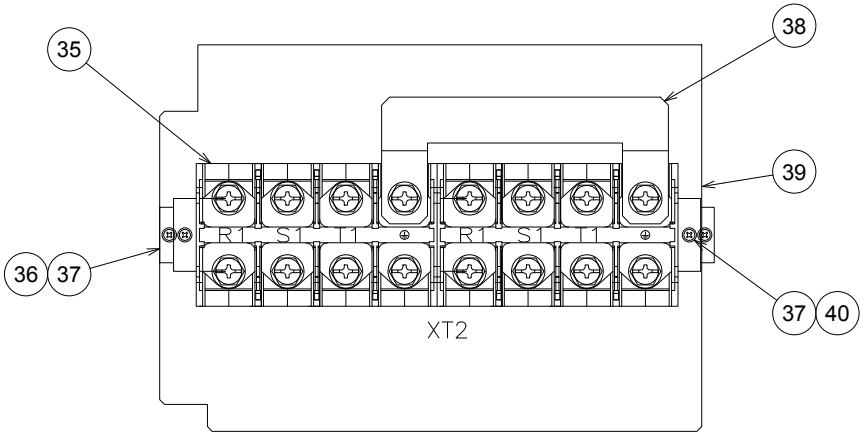


VIEW C

6791745---
(6791745#2-)



SECTION D-D



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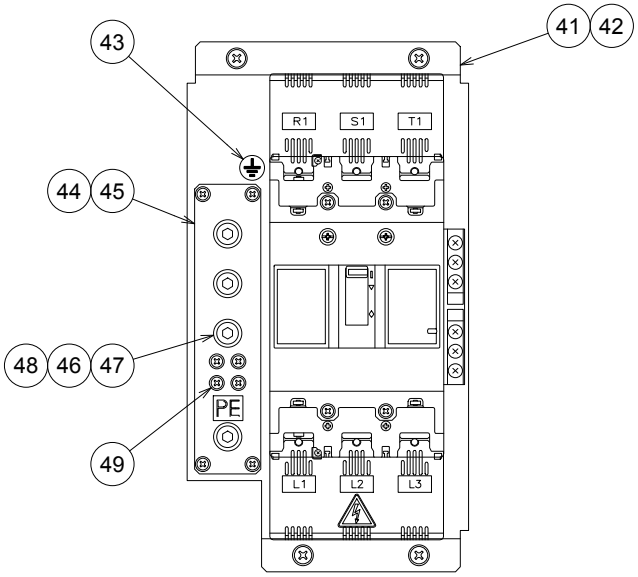

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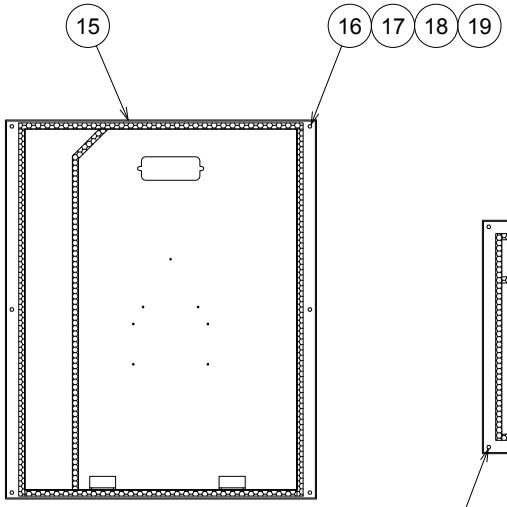
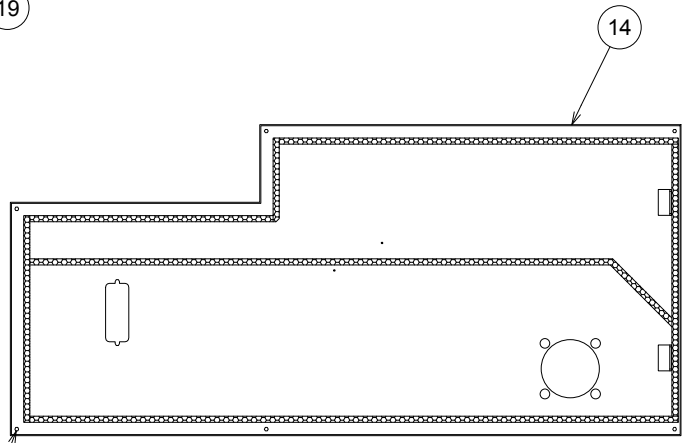
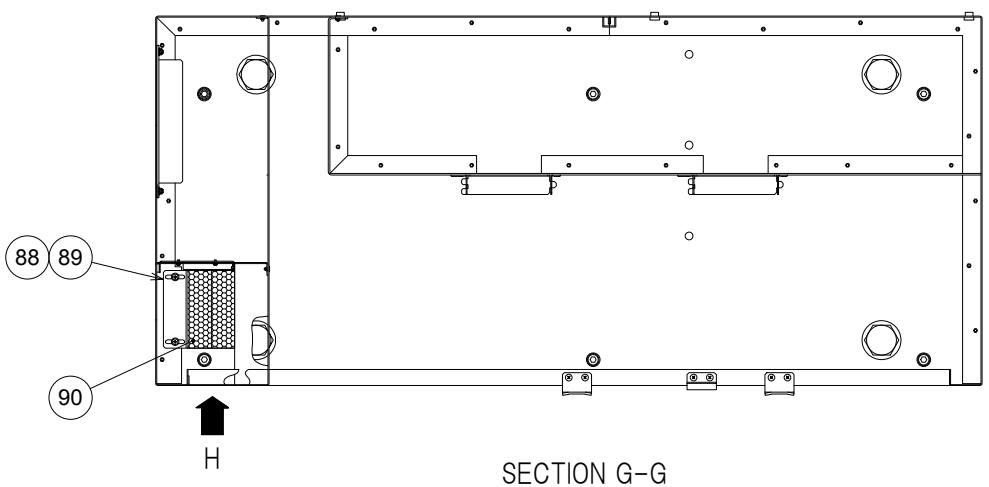


Lid LD Back View

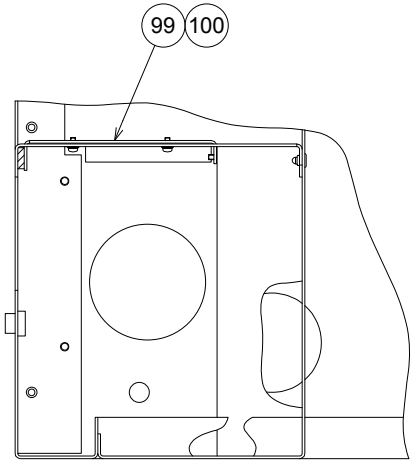


Lid LU Back View

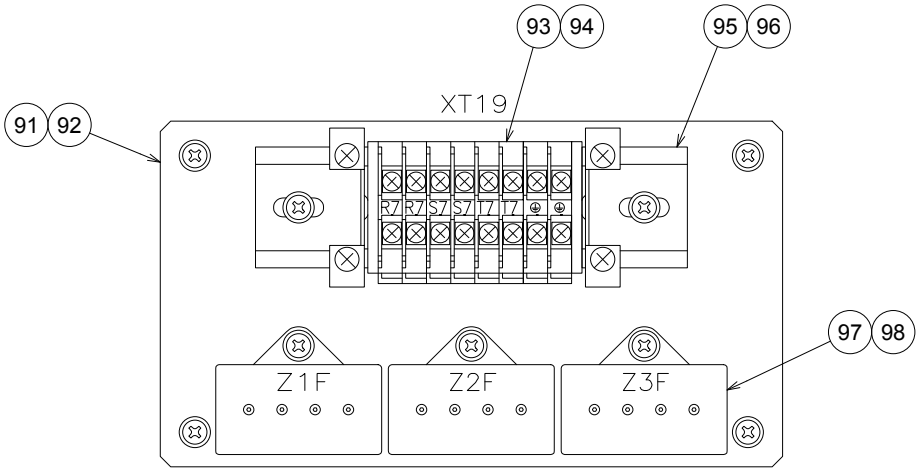
6791745---
(6791745#2-)
(6791745#3-)



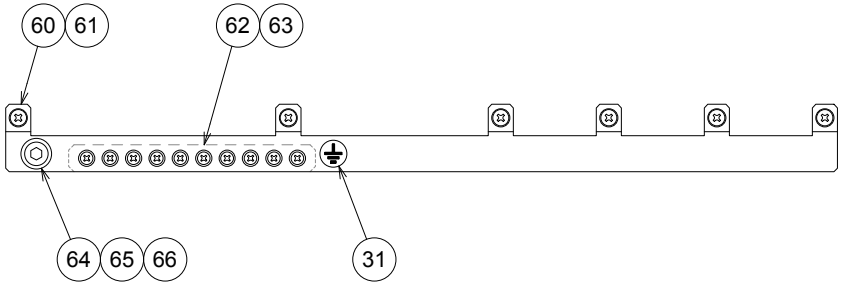
SECTION G-G



DETAIL H



DETAIL I



DETAIL J

6791745---
(6791745#2-)
(6791745#3-)

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791745---	Electrical Enclosure ASSY	Index 2-100	1
2	74402149 6791766---	Control Box		1
3	74452112 P338000017	Eyebolt	M16(Trivalent Chromate White)	2
4	74452454 P336000144	Washer	16(Normal)-Trivalent Chromate White	2
5	74614034 6800745 A	Hinge		6
6	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	24
7	74402150 679177801-	DB Bracket		1
8	74741767 P330438002	Upset Bolt	M6X12(Trivalent Chromium White)	4
9	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	4
10	74402151 679177802-	Wire Support U		3
11	74402152 679177803-	Wire Support D		2
12	74402153 P332040016	Hex Nut with Flange	M5(Trivalent Chromate White)	10

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402154 679177804-	Cushion 40X40X190		6
14	74402155 679177805-	Lid LU		1
15	74402156 679177806-	Lid LD		1
16	74901770 1566333---	Screw 15	M5X15	8
17	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	8
18	74903160 P334708065	Special Screw NBK	SWAS-5-SC	8
19	74903165 P336000153	Washer	5(Normal)-Trivalent Chromate White	8
20	74810760 P317102015	Embedded Pull TAKIGEN	AP-183-2(Black)	2
21	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	4
22	74402157 P840048111	Noise Filter SOSHIN Electric	NF3150A-VZ-6NN	1
23	74741767 P330438002	Upset Bolt	M6X12(Trivalent Chromium White)	18
24	74776551 6580900	Charging Mark H=80		2

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74810881 P339208009	Blind Rivet POP Rivets Fasteners	TAP/D32BS	10
26	74450773 6709328	Name Plate		1
27	74402158 679177807-	Name Plate		1
28	74402159 679177808-	Cable Support		1
29	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
30	74402160 P229112117	Bush for Cable TAKIGEN	C-30-SG-28A-EP-UL	1
31	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	3
32	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	1
33	74776913 P381058088	Cable Band MISUMI	MB2	17
34	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	17
35	74402161 P864002069	Block Terminal IDEC	BN200BW4	2
36	74573515 P864032103	Terminal Base IDEC	BAA1000(350)	1

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	4
38	74402162 679177809-	Short Circuit Plate		1
39	74402163 679177810-	XT Cover F		1
40	74903345 P631408194	Strut Parts HIROSUGI	BSB-3100E	2
41	74402164 679177811-	Breaker Bracket		1
42	74402165 P334200373	Sems Pan Head Screw	M6X14(Trivalent Chromate White P-3)	4
43	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
44	74402166 679177812-	Ground Bar R		1
45	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
46	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	4
47	74452462 P336050061	Spring Washer	8(Trivalent Chromium White)	4
48	74452463 P336000133	Washer	8(Normal)-Trivalent Chromium White	4

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	4
50	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	4
51	74402167 679177813-	NF Cover		1
52	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
53	74776914 P381058142	Cable Band PANDUIT	TM3S8-C	15
54	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	15
55	74402168 P812004336	Low Voltage Breaker FUJI Electric	BW100EAGU-3P100WA4L	1
56	74402169 P334200358	Sems Pan Head Screw	M4X60(Trivalent Chromate White P-4)	4
57	74417648 P810004109	Magnet Contactor FUJI Electric	SC-N5-AC100V	1
58	74417649 P810014029	Accessory for Contactor FUJI Electric	SZ-N4T	2
59	74402170 P334200333	Sems Pan Head Screw	M4X25(Trivalent Chromate White P-3)	2
60	74402171 679177814-	Ground Bar F1		1

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	6
62	74402172 679177815-	Ground Bar F2		1
63	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	10
64	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	1
65	74452462 P336050061	Spring Washer	8(Trivalent Chromium White)	1
66	74452463 P336000133	Washer	8(Normal)-Trivalent Chromium White	1
67	74402173 679177816-	Cable Clamp 30126		2
68	74402174 679177817-	Cushion 30X30X120		4
69	74402175 679177818-	Base		1
70	74183635 P330240006	Hex Socket Cap Screw	M10X20	6
71	74300519 P336050007	Spring Washer JIS	10	6
72	74183030 P336000034	Washer JIS	10(Polished Round)	6

Unit No. 212 Control Device <Electrical Enclosure ASSY>

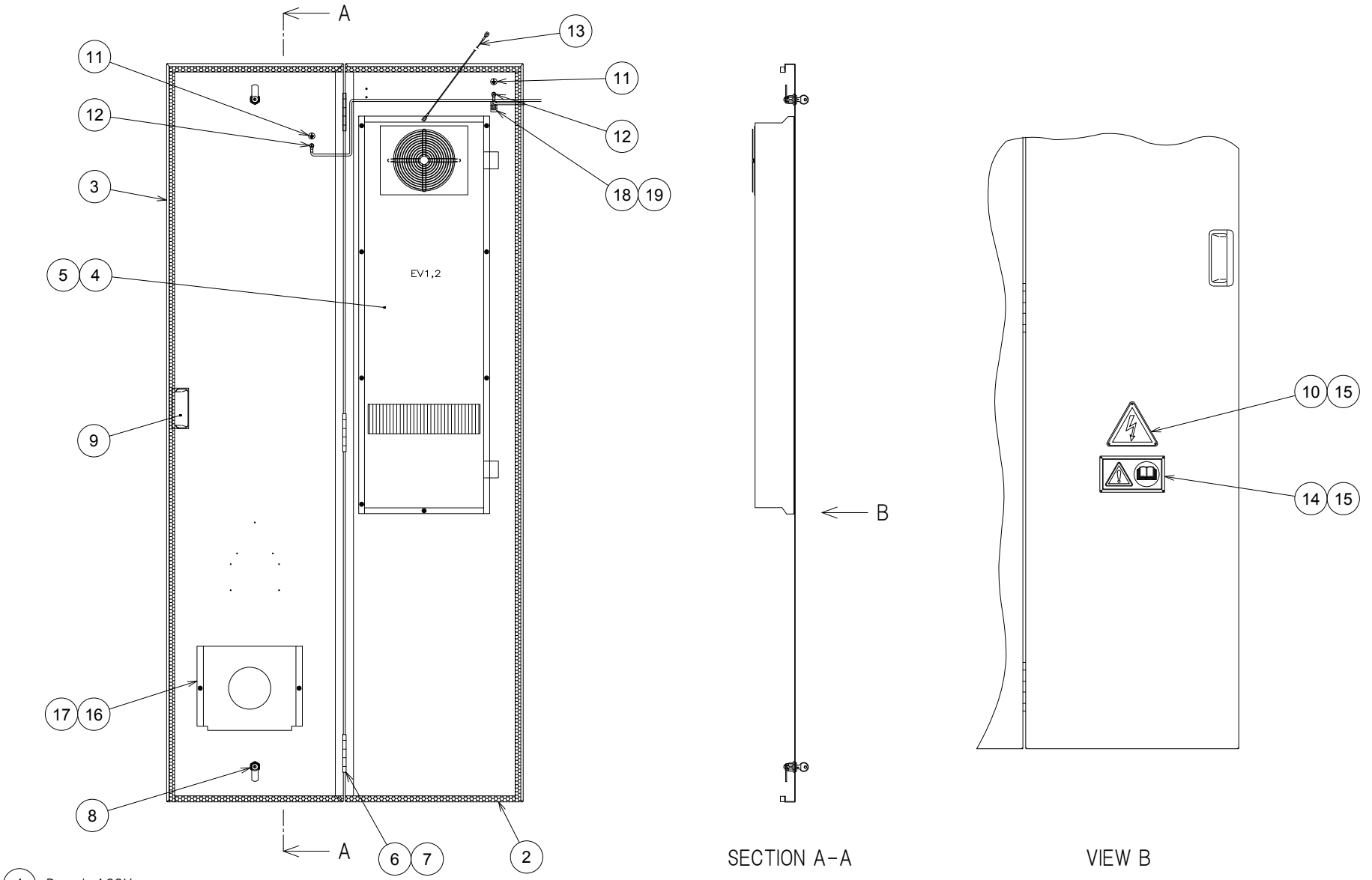
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74418553 6705708	High Nut M30X80		4
74	74402176 679177819-	Duct L		1
75	74402177 679177820-	Duct R		1
76	74741767 P330438002	Upset Bolt	M6X12(Trivalent Chromium White)	6
77	74402178 679177821-	Shield Clamp		1
78	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
79	74402179 P360018003	Ground Seal SAFETY DENKI	GR3-S08	1
80	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	1
81	74402180 679177822-	Bracket OPT		1
82	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
83	74402181 679177823-	Harness Support	D8	1
84	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	4

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74416061 6702671	Lock Bracket		4
86	74417504 6701863 A	Door Space		2
87	74402182 P335038004	Tapping Screw SANKO Industry	S Tight-Pan Head-5MX12(Trivalent Chromate White)	12
88	74402183 679177824-	Wire Support M		1
89	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	2
90	74402184 679177825-	Cushion 40X40X120		2
91	74901873 1566375---	Plate		1
92	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	4
93	74903451 P864008504	Block Terminal YOSHIDA Electric	UKN10-8CU	1
94	74903461 P864058077	Terminal Parts TOYO GIKEN	BB7.0-2	4
95	74900879 P864032075	Terminal Base IDEC	BAA1000(125)	1
96	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2

Unit No. 212 Control Device <Electrical Enclosure ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74417678 P840042013	Noise Filter OKAYA	3XYEB-105104	3
98	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	3
99	74402185 679177826-	Blank Panel		1
100	74452273 P334200316	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-3)	3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SECTION A-A
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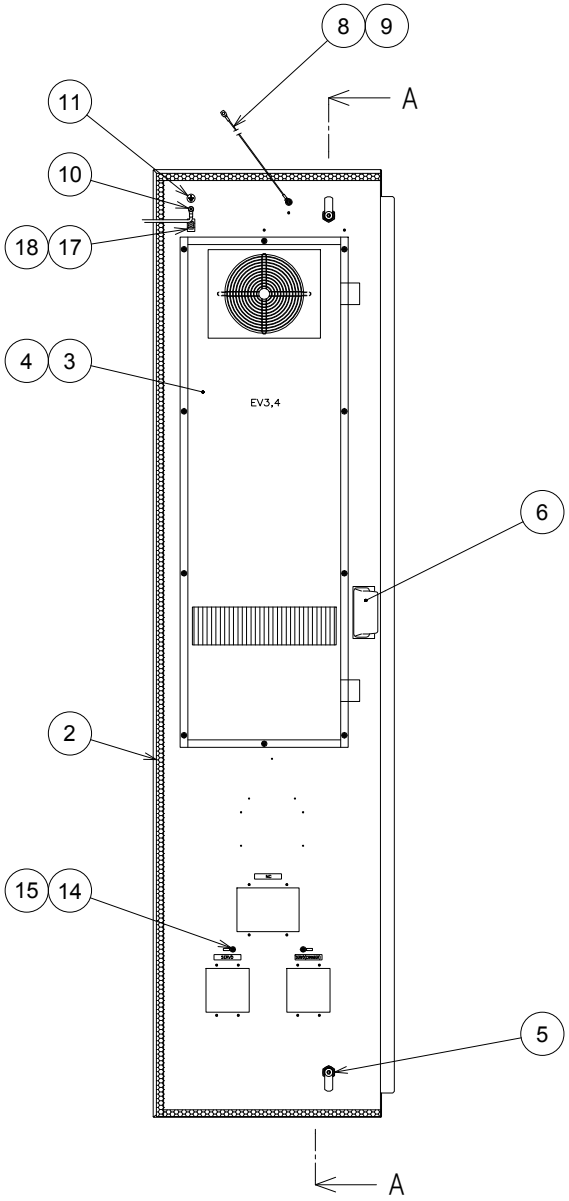
6791756---

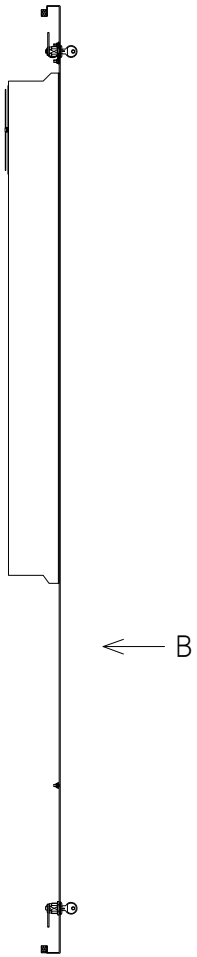
Unit No. 213 Control Device <Door L ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791756---	Door L ASSY	Index 2-19	1
2	74402186 679175601-	Door L		1
3	74402187 679175602-	Door C		1
4	74402188 P538308007	Exchanger NIKKASAN	AM5-3096B2T-CE	1
5	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	10
6	74417596 P313315015	Hinge TOCHIGIYA	TH-TM-90SUS	3
7	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	18
8	74614033 6800707 B	Cam Lock		2
9	74416094 P317152025	Embedded Pull TAKIGEN	AP-197-1-3(Black)	1
10	74776551 6580900	Charging Mark H=80		1
11	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	2
12	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2

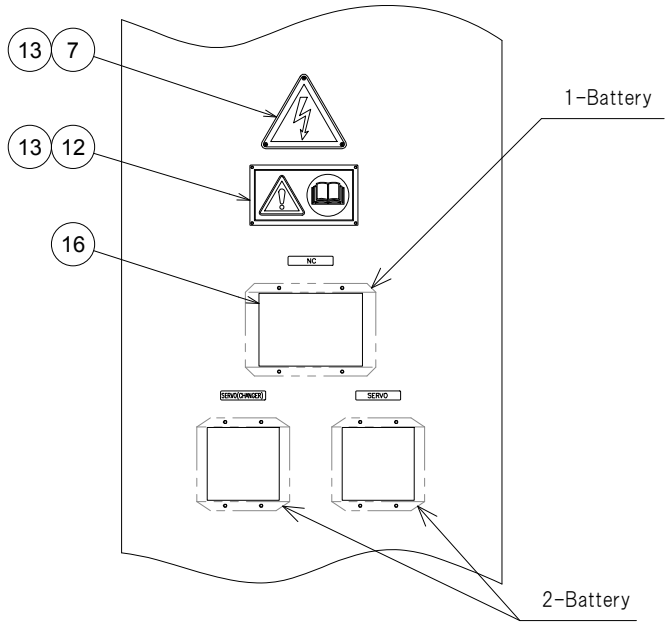
Unit No. 213 Control Device <Door L ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74418658 P340068016	Wire Rope TOCHIGIYA	TM-173-C3(L=350)	1
14	74402158 679177807-	Name Plate		1
15	74810881 P339208009	Blind Rivet POP Rivets Fasteners	TAP/D32BS	7
16	74402189 1566304---	Pocket		1
17	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
18	74776914 P381058142	Cable Band PANDUIT	TM3S8-C	1
19	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	1





SECTION A-A



VIEW B

(1) Door R ASSY

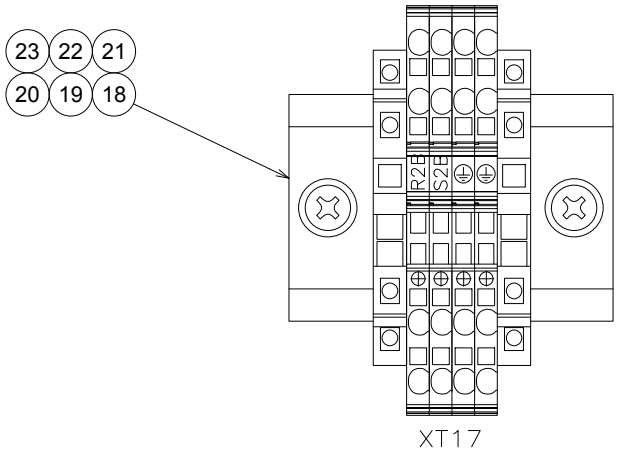
6791757---

Unit No. 214 Control Device <Door R ASSY>

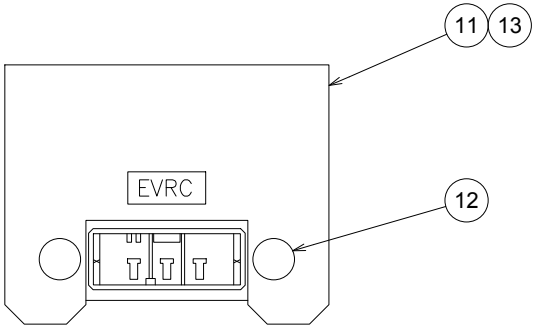
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791757---	Door R ASSY	Index 2-18	1
2	74402190 679175701-	Door R		1
3	74402188 P538308007	Exchanger NIKKASAN	AM5-3096B2T-CE	1
4	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	10
5	74614033 6800707 B	Cam Lock		2
6	74416094 P317152025	Embedded Pull TAKIGEN	AP-197-1-3(Black)	1
7	74776551 6580900	Charging Mark H=80		1
8	74418658 P340068016	Wire Rope TOCHIGIYA	TM-173-C3(L=350)	1
9	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	1
10	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	1
11	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	2
12	74402158 679177807-	Name Plate		1

Unit No. 214 Control Device <Door R ASSY>

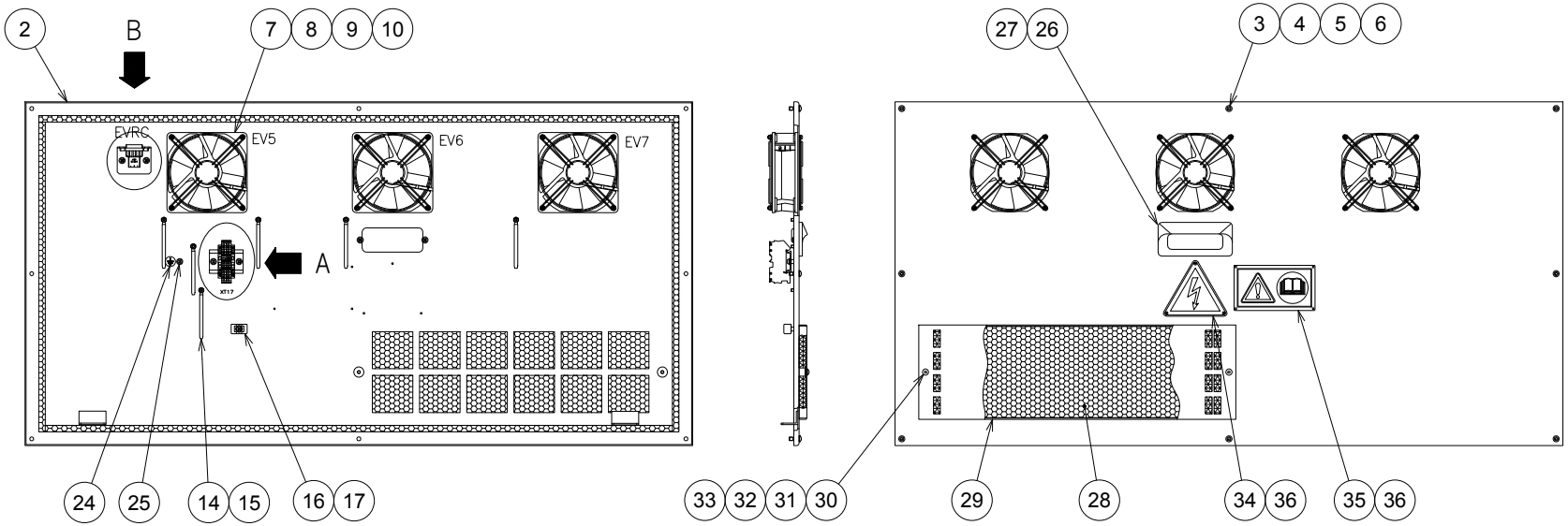
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74810881 P339208009	Blind Rivet POP Rivets Fasteners	TAP/D32BS	7
14	74417594 P381058122	Cable Band SHINAGAWA	CS-7	2
15	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
16	74402191 P379508011	Alkaline Battery Cell MATSUSHITA	LR20XJ-2SE	1
17	74776914 P381058142	Cable Band PANDUIT	TM3S8-C	1
18	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	1



DETAIL A



DETAIL B



(1) Cover R ASSY

6791758---

Unit No. 215 Control Device <Cover R ASSY>

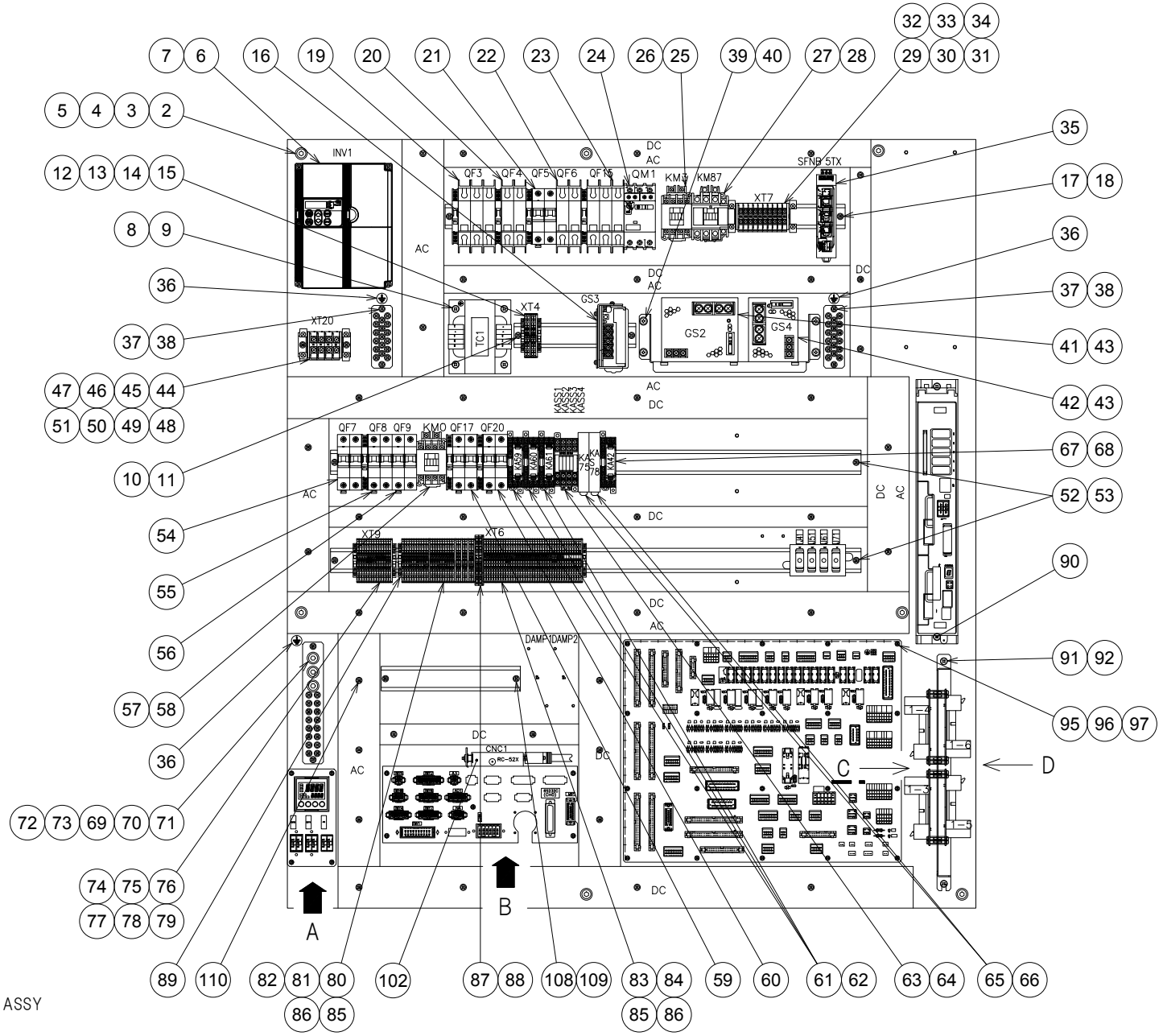
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791758---	Cover R ASSY	Index 2-36	1
2	74402192 679175801-	COVER R		1
3	74402193 DA25013---	Screw 15	M5X15	8
4	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	8
5	74903160 P334708065	Special Screw NBK	SWAS-5-SC	8
6	74903165 P336000153	Washer	5(Normal)-Trivalent Chromate White	8
7	74402194 P538008005	Fan OMRON	R87F-A4A15HP	3
8	74402195 P538078007	Accessory for Fan OMRON	R87F-FG120	6
9	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	12
10	74452274 P334200357	Sems Pan Head Screw	M3X50(Trivalent Chromate White P-3)	12
11	74402196 679175802-	CN Bracket		1
12	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2

Unit No. 215 Control Device <Cover R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	1
14	74417594 P381058122	Cable Band SHINAGAWA	CS-7	6
15	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	6
16	74776914 P381058142	Cable Band PANDUIT	TM3S8-C	1
17	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	1
18	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	2
19	74402197 P864008596	Block Terminal PHOENIX	PIT1.5/S-QUATTORO-PE	2
20	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1
21	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2
22	74401640 P864032209	Terminal Base IDEC	BAA1000_L50	1
23	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
24	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1

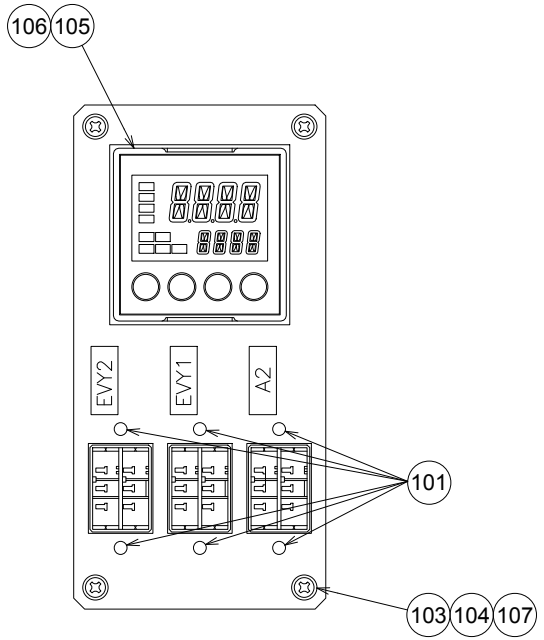
Unit No. 215 Control Device <Cover R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	1
26	74810760 P317102015	Embedded Pull TAKIGEN	AP-183-2(Black)	1
27	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	2
28	74402198 679175803-	Filter	POLTESTER-BASED POLY	1
29	74416012 6700210	Filter Cover L		1
30	74402193 DA25013---	Screw 15	M5X15	2
31	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	2
32	74903160 P334708065	Special Screw NBK	SWAS-5-SC	2
33	74903165 P336000153	Washer	5(Normal)-Trivalent Chromate White	2
34	74776551 6580900	Charging Mark H=80		1
35	74402158 679177807-	Name Plate		1
36	74810881 P339208009	Blind Rivet POP Rivets Fasteners	TAP/D32BS	7

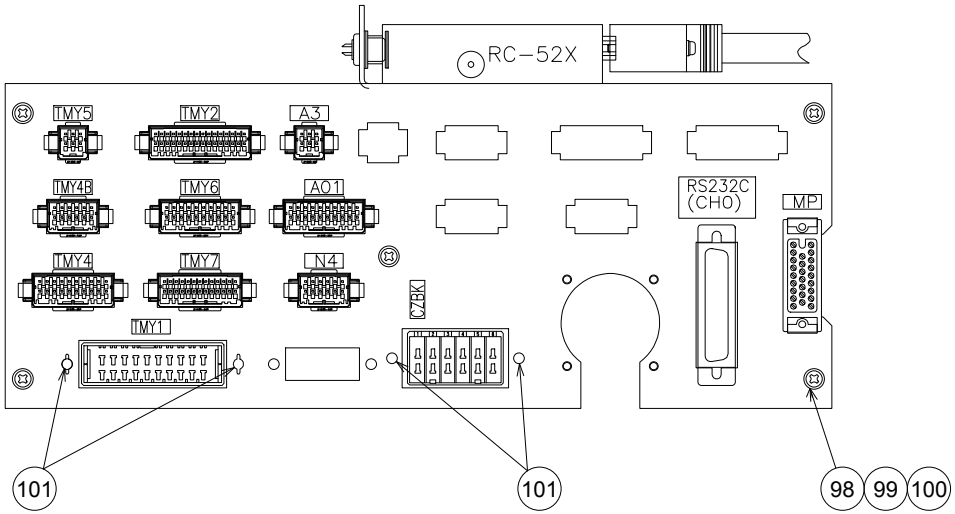


1 Inner Plate 1 ASSY

6791754---
(6791754#1-)



DETAIL A



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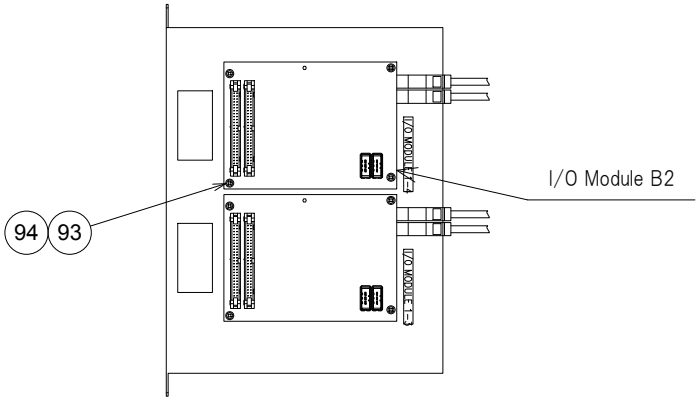
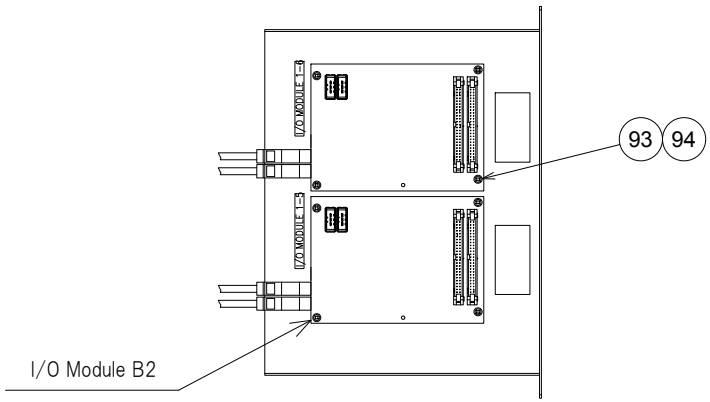


VIEW C



VIEW D

6791754---
(6791754#1-)

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791754---	Inner Plate 1 ASSY	Index 2-110	1
2	74402199 679175403-	Inner Plate 1		1
3	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	8
4	74452462 P336050061	Spring Washer	8(Trivalent Chromium White)	8
5	74716207 P336000037	Washer JIS	8(Polished Round)	8
6	74903347 P720004042	Inverter FUJI Electric	FRN3.7E1S-2J	1
7	74489951 P334200305	Sems Pan Head Screw	M4X12(Trivalent Chromium White P-4)	4
8	74777195 P772008020	Transformer MURA Electric	STN0.315-S004-300VA	1
9	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
10	74417547 P864032062	Terminal Base IDEC	BAA1000(175)	1
11	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
12	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	4

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1
14	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	2
15	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2
16	74777196 P772122011	Switching Power Supply OMRON	S8JX-N05005CD	1
17	74420836 P864032138	Terminal Base IDEC	BAA1000(575)	1
18	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
19	74777229 P812128216	Low Voltage Breaker MURA Electric	FAZ-D5/3-RT+Z-NHK	1
20	74740466 P812128259	Low Voltage Breaker MURA Electric	FAZ-D7/2-RT+Z-NHK	1
21	74903413 P812128314	Low Voltage Breaker MURA Electric	FAZ-C4/2+FAZ-XHIN11	1
22	74450589 P812128219	Low Voltage Breaker MURA Electric	FAZ-D5/2-RT	1
23	74903408 P812128211	Low Voltage Breaker MURA Electric	FAZ-D30/3-RT+Z-NHK	1
24	74777215 P812048052	Low Voltage Breaker MURA Electric	PKZM0-2.5-T+NHI11	1

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74777208 P810004098	Magnet Contactor FUJI Electric	SC-03H/GT-DC24V-1A	1
26	74777213 P810184007	Accessory (Magnet Switch) FUJI Electric	SZ-Z4 (Coil Surge absorber Unit)	1
27	74402200 P810004181	Magnet Contactor FUJI Electric	SC-4-0/GT-DC24V-1A	1
28	74777213 P810184007	Accessory (Magnet Switch) FUJI Electric	SZ-Z4 (Coil Surge absorber Unit)	1
29	74811199 P864008230	Block Terminal YOSHIDA Electric	UKN10	10
30	74811204 P864058108	Terminal Parts YOSHIDA Electric	UK-B	2
31	74811202 P864058120	Terminal Parts YOSHIDA Electric	UKN151/251-A	1
32	74811203 P864058121	Terminal Parts YOSHIDA Electric	UKN152/252-A	1
33	74810744 P864078101	Terminal Label YOSHIDA Electric	KT-E(L=70)	1
34	74811201 P864068119	Terminal Cover YOSHIDA Electric	KT15N-D(L=70)	1
35	74401677 P767478114	Program Controller Module PHOENIX	FLSWITCHSFNB5TX	1
36	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	3

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402203 679175405-	Ground Bar 3		2
38	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	38
39	74402204 679175406-	GS Bracket		1
40	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	4
41	74402205 P772122040	Switching Power Supply OMRON	S8JX-P60024N	1
42	74402206 P772122043	Switching Power Supply OMRON	S8JX-P30024N	1
43	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	8
44	74402207 P864008231	Block Terminal YOSHIDA Electric	UKN15	4
45	74811204 P864058108	Terminal Parts YOSHIDA Electric	UK-B	2
46	74811202 P864058120	Terminal Parts YOSHIDA Electric	UKN151/251-A	1
47	74811203 P864058121	Terminal Parts YOSHIDA Electric	UKN152/252-A	1
48	74777273 P864078059	Terminal Label YOSHIDA Electric	KT-E(L=43)	1

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74402208 P864068111	Terminal Cover YOSHIDA Electric	KT15N-D(L=49)	1
50	74402209 P864038095	Terminal Base YOSHIDA Electric	UK-C(L=75)	1
51	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
52	74417621 P864032144	Terminal Base IDEC	BAA1000(765)	2
53	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	4
54	74903414 P812128316	Low Voltage Breaker MURA Electric	FAZ-Z10/2	1
55	74903415 P812128317	Low Voltage Breaker MURA Electric	FAZ-Z6/2+FAZ-XHIN11	1
56	74903411 P812128312	Low Voltage Breaker MURA Electric	FAZ-C10/2	1
57	74402210 P810004186	Magnet Contactor FUJI Electric	SC-4-1/GT-DC24V-1A	1
58	74777213 P810184007	Accessory (Magnet Switch) FUJI Electric	SZ-Z4 (Coil Surge absorber Unit)	1
59	74903410 P812128311	Low Voltage Breaker MURA Electric	FAZ-C1/2+FAZ-XHIN11	1
60	74903412 P812128313	Low Voltage Breaker MURA Electric	FAZ-C10/2+FAZ-XHIN11	1

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74777200 P800002092	Control Relay OMRON	G7SA-3A1B	3
62	74777201 P800082027	Accessory for Control Relay OMRON	P7SA-10F-ND	3
63	74903400 P800004060	Control Relay FUJI Electric	RS4N-DE	1
64	74903401 P800084018	Accessory for Control Relay FUJI Electric	RZ4N	1
65	74561284 P800002017	Control Relay OMRON	G2R-2-SND-DC24V	2
66	74489964 P800082017	Accessory for Control Relay OMRON	P2RF-08-E (Socket)	2
67	74401090 P800002093	Control Relay OMRON	G7SA-2A2B	1
68	74777201 P800082027	Accessory for Control Relay OMRON	P7SA-10F-ND	1
69	74402211 679175404-	Ground Bar		1
70	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	16
71	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	3
72	74183103 P336050006	Spring Washer JIS	8	3

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74716207 P336000037	Washer JIS	8(Polished Round)	3
74	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	12
75	74402197 P864008596	Block Terminal PHOENIX	PIT1.5/S-QUATTORO-PE	2
76	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1
77	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	1
78	74900886 P870018020	Pin Header PHOENIX	FBS4-3.5	2
79	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2
80	74903435 P841128017	Resistor KOA	MOS1C122J	2
81	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	27
82	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	5
83	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	40
84	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1

Unit No. 216 Control Device <Inner Plate 1 ASSY>

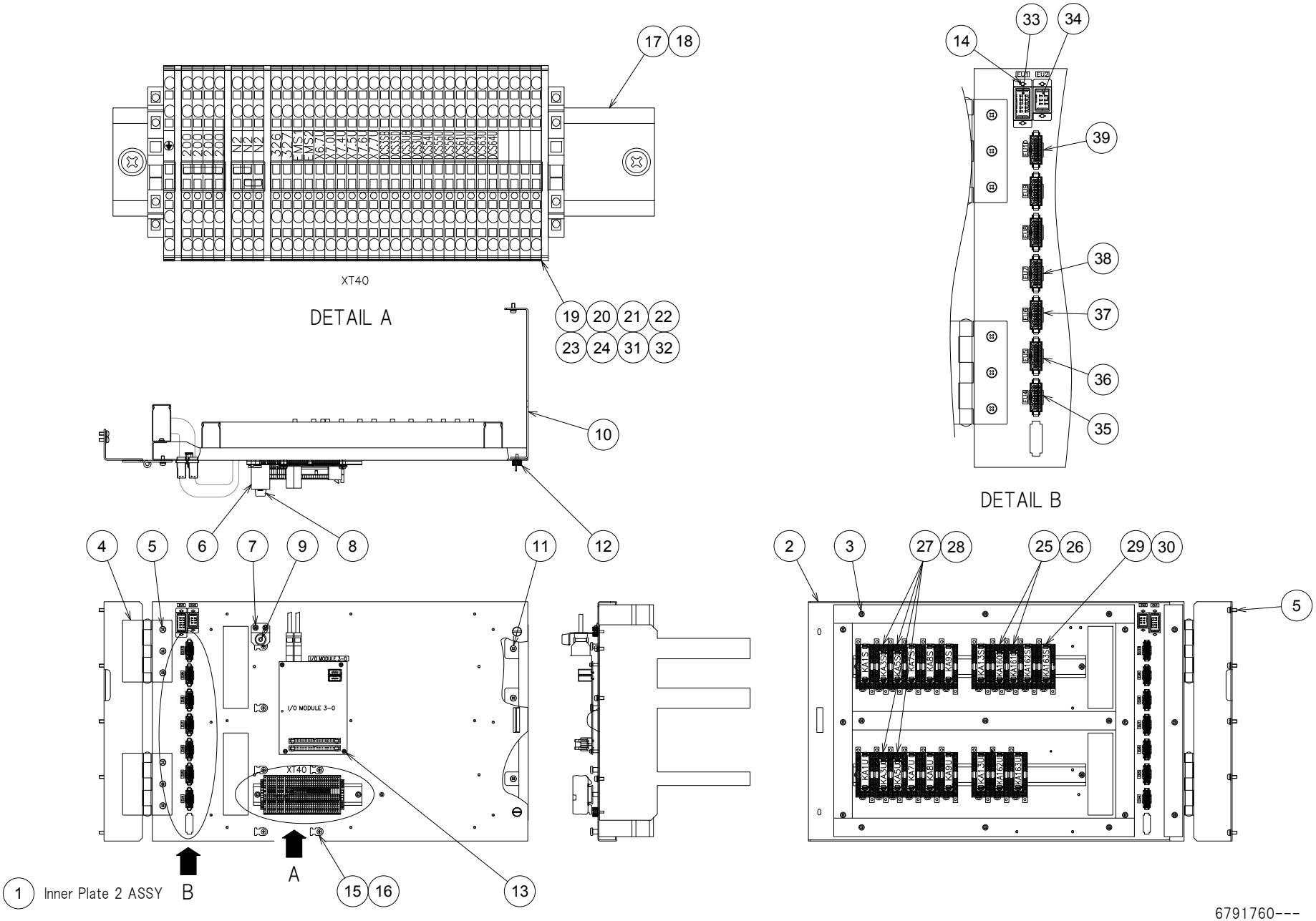
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	6
86	74900886 P870018020	Pin Header PHOENIX	FBS4-3.5	6
87	74401081 P864008568	Block Terminal PHOENIX	PIT25-QUATTRO	2
88	74401082 P864058237	Terminal Parts PHOENIX	D-ST25-QUATTRO	1
89	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2
90	74900804 P334200388	Sems Pan Head Screw	M5X16(Trivalent Chromium White P-4)	2
91	74901951 1566426---	I/O Panel		1
92	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	2
93	74777105 P631408090	Strut Parts LOGY ELECTRIC	FS-10	16
94	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	16
95	74902151 7855191---	LCC1 Board SANKO Electronics	B63090	1
96	74777105 P631408090	Strut Parts LOGY ELECTRIC	FS-10	20

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	20
98	74402212 679175407-	Connector Panel 1		1
99	74402213 P631408200	Strut Parts HIROSUGI	BSB-380E	5
100	74452126 P334200297	Sems Pan Head Screw	M3X6(Trivalent Chromate White P-3)	5
101	74776881 P339308001	Push Rivet SHINAGAWA	P3555	10
102	74452239 P618148008	Adapter SYSMEX RA	RC-52X	1
103	74402214 679175408-	Connector Panel 2		1
104	74903345 P631408194	Strut Parts HIROSUGI	BSB-3100E	4
105	74903431 P832108003	Electric Power Monitor OMRON	KM50-C1-FLK	1
106	74903398 P772108012	Current Transformer OMRON	KM20-CTF-200A	1
107	74452126 P334200297	Sems Pan Head Screw	M3X6(Trivalent Chromate White P-3)	4
108	74417692 P864032086	Terminal Base IDEC	BAA1000(200)	1

Unit No. 216 Control Device <Inner Plate 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
110	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	39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DETAIL B
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6791760---

Unit No. 217 Control Device <Inner Plate 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791760---	Inner Plate 2 ASSY	Index 2-41	1
2	74402215 679176801-	Inner Plate 2		1
3	74452466 P334200301	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-3)	18
4	74402216 679176804-	Hinge		1
5	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	11
6	74402217 679176802-	Stopper		1
7	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
8	74402218 P229102054	Rubber Support TAKIGEN	C-30-RK-18-EP-UL-Black	1
9	74901390 P334200317	Sems Pan Head Screw	M3X10(Trivalent Chromium White P-4)	1
10	74402219 679176803-	Support		1
11	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	3
12	74402220 P317212047	Knob TAKIGEN	A-1176-S-6	2

Unit No. 217 Control Device <Inner Plate 2 ASSY>

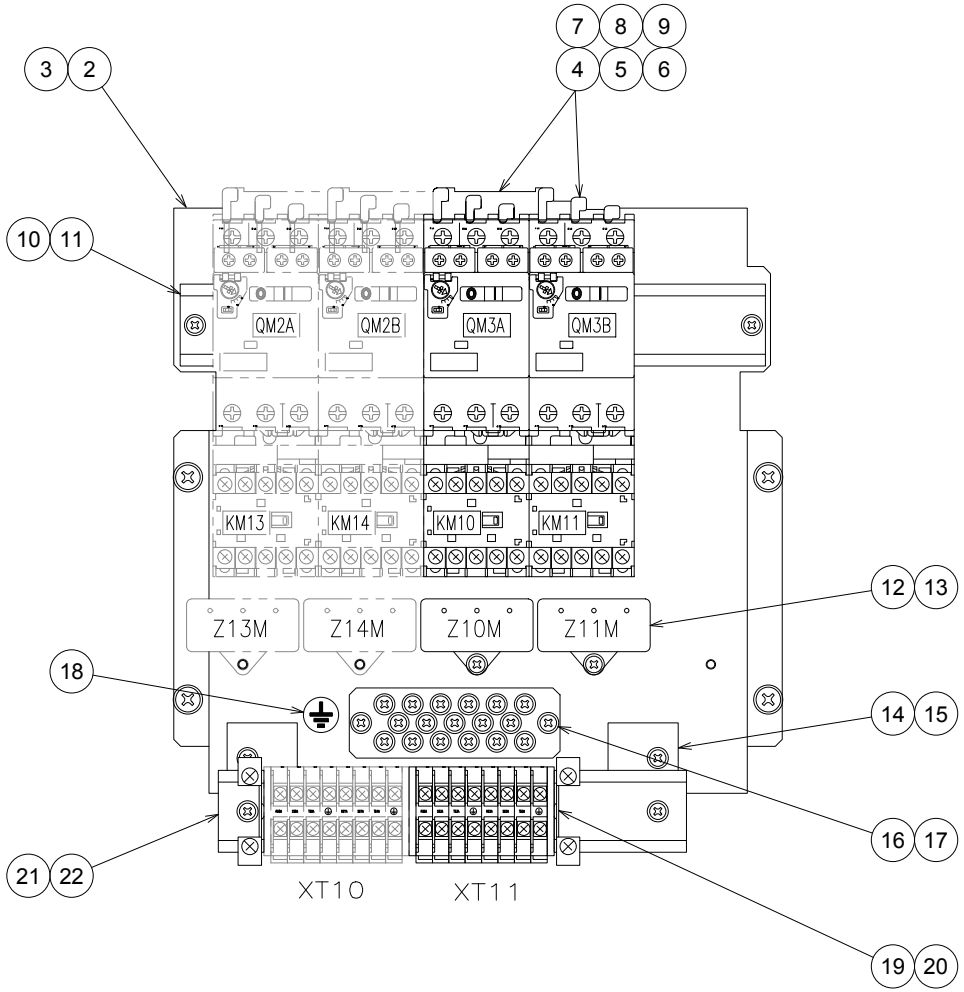
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	4
14	74776881 P339308001	Push Rivet SHINAGAWA	P3555	4
15	74776913 P381058088	Cable Band MISUMI	MB2	6
16	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	6
17	74417547 P864032062	Terminal Base IDEC	BAA1000(175)	1
18	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
19	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	32
20	74402197 P864008596	Block Terminal PHOENIX	PIT1.5/S-QUATTORO-PE	1
21	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	4
22	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	2
23	74900886 P870018020	Pin Header PHOENIX	FBS4-3.5	1
24	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2

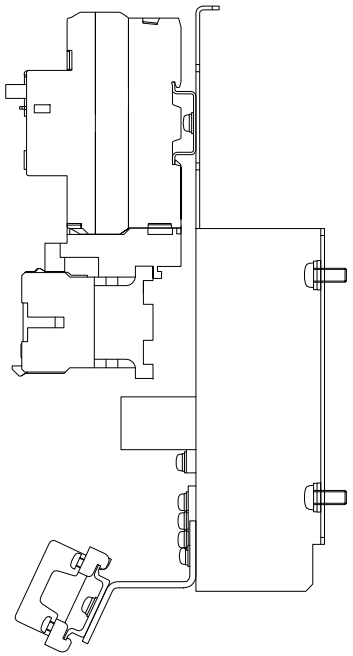
Unit No. 217 Control Device <Inner Plate 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74401090 P800002093	Control Relay OMRON	G7SA-2A2B	2
26	74777201 P800082027	Accessory for Control Relay OMRON	P7SA-10F-ND	2
27	74777200 P800002092	Control Relay OMRON	G7SA-3A1B	4
28	74777201 P800082027	Accessory for Control Relay OMRON	P7SA-10F-ND	4
29	74777197 P800002066	Control Relay OMRON	G7SA-5A1B	14
30	74572138 P800082018	Accessory for Control Relay OMRON	P7SA-14F-ND	14
31	74402221 679176001-	Cable CE56-30		1
32	74402222 679176002-	Cable CE57-30		1
33	74402223 679176011-	Cable EU1A		1
34	74402224 679176012-	Cable EU2A		1
35	74402225 679176014-	Cable EU4A		1
36	74402226 679176015-	Cable EU5A		1

Unit No. 217 Control Device <Inner Plate 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402227 679176016-	Cable EU6A		1
38	74402230 679176017-	Cable EU7A		1
39	74402231 679176020-	Cable EU10A		1
40	74402232 679176040-	Cable J71	List Only	1
41	74901820 156633961-	Cable T	List Only	1





(1) Inner Plate 3 ASSY

6791762---

Unit No. 218 Control Device <Inner Plate 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791762---	Inner Plate 3 ASSY	Index 2-22	1
2	74402233 679176901-	Inner Plate 3		1
3	74402234 P334208017	Sems Pan Head Screw SANKO Industry	M6X10(Trivalent Chromate White P-3)	4
4	74777214 P812044015	Low Voltage Breaker FUJI Electric	BM3RSB-2P5	2
5	74777219 P812094066	Accessory (Low Voltage Breaker) FUJI Electric	BZ0WIA	4
6	74402235 P810004196	Magnet Contactor FUJI Electric	SK06A-110	4
7	74402236 P810014072	Accessory for Contactor FUJI Electric	SZ1KZ2	4
8	74402237 P812094126	Accessory (Low Voltage Breaker) FUJI Electric	BZ0LRK12AA	4
9	74402238 P812098096	Accessory (Low Voltage Breaker) FUJI Electric	BZ0BR02A	1
10	74777264 P864032059	Terminal Base IDEC	BAA1000(250)	1
11	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
12	74402239 P840058043	Spark Killer NISSHIN SEIGYO	SQT231503F	2

Unit No. 218 Control Device <Inner Plate 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
14	74402240 P864052035	Terminal Parts IDEC	BNS3	2
15	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
16	74402203 679175405-	Ground Bar 3		1
17	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	19
18	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
19	74811204 P864058108	Terminal Parts YOSHIDA Electric	UK-B	1
20	74903451 P864008504	Block Terminal YOSHIDA Electric	UKN10-8CU	1
21	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	2
22	74402241 P864038062	Terminal Base YOSHIDA Electric	UK-C(L=200)	1

< List Only >

6791761--A

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791761--A	Control Panel Harness	Index 2-89	1
2	74402242 / 679177501-	Cable A01		1
3	74402243 / 679177502-	Cable ACS		1
4	74402244 / 679177503-	Cable AMP1		1
5	74402245 / 679177504-	Cable B1		1
6	74402246 / 679177505-	Cable C63		1
7	74402247 / 679177506-	Cable C64		1
8	74402248 / 679177507-	Cable C66		1
9	74402249 / 679177508-	Cable C76		1
10	74402250 / 679177509-	Cable C77		1
11	74402251 / 679177510-	Cable CE56-15		1
12	74402252 / 679177513-	Cable CE57-15		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402253 679177516-	Cable CPD19A		1
14	74402254 679177517-	Cable CTP		1
15	74402255 679177518-	Cable CTR		1
16	74402256 679177519-	Cable CTT		1
17	74402257 679177520-	Cable CX1A		1
18	74402258 679177521-	Cable CX1B		1
19	74402259 679177522-	Cable CX4		1
20	74402260 679177523-	Cable CX8A		1
21	74402261 679177524-	Cable CX8B		1
22	74402262 679177525-	Cable CX9A		1
23	74402263 679177526-	Cable CX9B		1
24	74402264 679177527-	Cable CX48		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74901885 156637711-	Cable CXA		2
26	74402265 679177528-	Cable CXA2D		1
27	74901886 156637712-	Cable CXB		3
28	74402266 679177529-	Cable CXC		1
29	74402267 679177530-	Cable DC1		1
30	74402268 679177531-	Cable DC2		1
31	74402269 679177701-	Cable EU1		1
32	74402270 679177703-	Cable EU2		1
33	74402271 679177705-	Cable EU4		1
34	74402272 679177707-	Cable EU5		1
35	74402273 679177709-	Cable EU6		1
36	74402274 679177711-	Cable EU7		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402275 679177713-	Cable EU8		1
38	74402276 679177714-	Cable EU9		1
39	74402277 679177715-	Cable EU10		1
40	74402278 679177717-	Cable EU		1
41	74402279 679177548-	Cable EV1		1
42	74402280 679177549-	Cable EV3		1
43	74402281 679177550-	Cable EVRC		1
44	74402282 679177551-	Cable EVRCA		1
45	74402283 679177552-	Cable EVY		1
46	74402284 679177553-	Cable GSM		1
47	74402285 679177554-	Cable J9		1
48	74402286 679177555-	Cable J41		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74402287 679177556-	Cable J51		1
50	74402288 679177557-	Cable J54		1
51	74402289 679177558-	Cable J56		1
52	74402290 679177559-	Cable J57		1
53	74402291 679177562-	Cable JD36A		1
54	74402292 679177563-	Cable JD56A		1
55	74402293 679177564-	Cable K1		1
56	74402294 679177565-	Cable K3		1
57	74402295 679177566-	Cable K8		1
58	74402296 679177567-	Cable K9		1
59	74402297 679177568-	Cable MP		1
60	74402298 679177569-	Cable N5		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74402299 679177570-	Cable PSCV		1
62	74402300 679177571-	Cable PWMY		1
63	74402301 679177572-	Cable PWOF		1
64	74402302 679177573-	Cable RS422		1
65	74901841 156633986-	Cable S3		1
66	74402303 679177574-	Cable S4		1
67	74402304 679177575-	Cable SGD		1
68	74901820 156633961-	Cable T		2
69	74402305 679177576-	Cable T1		1
70	74402306 679177577-	Cable TMNZ		1
71	74402307 679177578-	Cable TMY1		1
72	74402308 679177579-	Cable TMY2		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74402309 679177580-	Cable TMY4		1
74	74402310 679177581-	Cable YPS		1
75	74402311 679177585-	Cable PSA2		1
76	74402312 679177582-	Connector EU2		1
77	74402313 679177583-	Connector K4		1
78	74402314 679177584-	Connector PFDC		1
79	74901831 156633974-	Connector S5		1
80	74402315 156633977-	Connector SOP		1
81	74901834 156633978-	Connector STP1		1
82	74402316 679177601-	Shield Tube 1		1
83	74402317 679177602-	Shield Tube 2		1
84	74402318 679177603-	Shield Tube 3		1

Unit No. 219 Control Device <Control Panel Harness>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74402319 679177604-	Shield Tube 4		1
86	74402320 679177605-	Shield Tube 5		1
87	74402321 679177606-	Shield Tube 6		1
88	74402322 679177607-	Shield Tube 7		1
89	74402323 679177608-	Shield Tube 8		1

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6791724--A

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791724--A	F Supplies (Electrical Control Cabinet) EU	Index 2-79	1
2	74614138 P767485035	Accessory (Program Controller) FANUC	A02B-0124-K001	1
3	74903377 P767485829	CNC Display FANUC	A02B-0207-J858	1
4	74903382 P767485834	DISKEXT.D/L FUNCTION FANUC	A02B-0207-J900	1
5	74417605 P767485092	Accessory (Program Controller) FANUC	A02B-0236-C281	1
6	74567385 P345008003	Optical Fiber Cable FANUC	A02B-0236-K851	1
7	74567386 P345008006	Optical Fiber Cable FANUC	A02B-0236-K852	2
8	74419567 P379038021	Compact Flash Card FANUC	A02B-0281-K601	1
9	74401536 P767478153	Compact Flash Card Adapter A FANUC	A02B-0303-K150	1
10	74903355 P767478099	CPU Card B2 FANUC	A02B-0323-H010	1
11	74903356 P767478100	FROM/SRAM (128M/2M) FANUC	A02B-0323-H057	1
12	74402324 P767118070	Servo Card B24 (FSBB2) FANUC	A02B-0323-H097	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903350 P760008037	Power Supply Unit B FANUC	A02B-0323-H115	1
14	74903387 P767485839	PMC Function FANUC	A02B-0323-H580#40A5	1
15	74903388 P767485840	Digital Servo Function FANUC	A02B-0323-H590#90G0	1
16	74401556 P767485870	Blank Panel FANUC	A02B-0323-J193	1
17	74903193 P362018050	Profibus Function Software FANUC	A02B-0323-J535#655B	1
18	74903190 P362018047	Fast Ethernet Software FANUC	A02B-0323-J561#658K	1
19	74903370 P767485822	Profibus Master Function FANUC	A02B-0323-J562#6552	1
20	74903191 P362018048	Built In Ethernet Software FANUC	A02B-0323-J571#658M	1
21	74903192 P362018049	USB Function Software FANUC	A02B-0323-J575#659A	1
22	74903376 P767485828	Separation 2-Slots FANUC	A02B-0327-B802	1
23	74903357 P767478101	Main Board D1 FANUC	A02B-0327-H200	1
24	74903372 P767485824	Automatic Data Backup Function FANUC	A02B-0327-H510#B11	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903373 P767485825	Ladder 64000 Step FANUC	A02B-0327-H990#64K	1
26	74402325 P767485980	Accessory (Program Controller) FANUC	A02B-0327-J391#17	1
27	74402326 P767485981	Accessory (Program Controller) FANUC	A02B-0327-J397#17	1
28	74903391 P767485843	Positioning (Optimal Acceleration) FANUC	A02B-0327-J693	1
29	74903379 P767485831	Accessory (Program Controller) FANUC	A02B-0327-J718	1
30	74903369 P767485820	Stopper Reference Point Setting FANUC	A02B-0327-J729	1
31	74903380 P767485832	C-language Executer SRAM FANUC	A02B-0327-J736	1
32	74401560 P767485994	Custom Software 6MB FANUC	A02B-0327-J738#6M	1
33	74903384 P767485836	Control Shaft Extension FANUC	A02B-0327-J801	1
34	74402327 P767485982	Accessory (Program Controller) FANUC	A02B-0327-J802#17	1
35	74903386 P767485838	Control Axis Extension FANUC	A02B-0327-J803	1
36	74903389 P767485841	PMC Control FANUC	A02B-0327-J804	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74903195 P362018052	Handy Pulsar 1 Feed FANUC	A02B-0327-J835	1
38	74903197 P362018054	Pitch Error Revision FANUC	A02B-0327-J841	1
39	74903198 P362018055	Outer Deceleration FANUC	A02B-0327-J842	1
40	74903199 P362018056	Custom Macro FANUC	A02B-0327-J873	1
41	74401562 P767485968	Programmable Mirror Image FANUC	A02B-0327-J880	1
42	74903200 P362018057	Custom Macro Variable Addition FANUC	A02B-0327-J887	1
43	74903201 P362018058	Work Coordinates FANUC	A02B-0327-J894	1
44	74903202 P362018059	Reader Puncher Control FANUC	A02B-0327-J900	1
45	74903203 P362018060	Data Input FANUC	A02B-0327-J913	1
46	74401563 P767485966	Program Memory Capacity 128kB FANUC	A02B-0327-J944	1
47	74903206 P362018063	Registration Program Extension FANUC	A02B-0327-J953	1
48	74903207 P362018064	Time/Number of Parts FANUC	A02B-0327-J971	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74903209 P362018066	High Speed Position Switch FANUC	A02B-0327-J987	1
50	74903210 P362018067	PMC Function 3-Lines FANUC	A02B-0327-R855#3	1
51	74903211 P362018068	PMC Capacity Extension 512KB FANUC	A02B-0327-R856#512K	1
52	74402328 P362018070	Dual Check Safety FANUC	A02B-0327-S661	1
53	74903215 P362018073	Control 2-Lines FANUC	A02B-0327-S801#2	1
54	74903217 P362018075	Machine Group Specification FANUC	A02B-0327-S836#1	1
55	74401565 P362018121	BASIC Function FANUC	A02B-0332-H501#G4E1	1
56	74903229 P362018087	C-axis Control FANUC	A02B-0332-J601	1
57	74401566 P362018123	Multi Works Picking FANUC	A02B-0332-J603	1
58	74903230 P362018088	Safety Zone Check FANUC	A02B-0332-J605	1
59	74903233 P362018091	Work Holder Interference Avoidance Function FANUC	A02B-0332-J622	1
60	74401567 P362018122	Macro Executor + C Executor FANUC	A02B-0332-J734	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74401568 P362018124	Program Automatic Restart Function FANUC	A02B-0332-S904	1
62	74903234 P362018092	Safety Zone Territory Extension FANUC	A02B-0332-S908	1
63	74903236 P362018094	Ram Shaft Control FANUC	A02B-0332-S919	1
64	74402329 P767605004	I/O Module B1 FANUC	A03B-0824-K202	1
65	74401569 P767605005	I/O Module B2 FANUC	A03B-0824-K203	6
66	74777117 P767118002	Accessory for Servo Amplifier FANUC	A06B-6050-K060	1
67	74777118 P767118003	Accessory for Servo Amplifier FANUC	A06B-6050-K061	1
68	74777119 P767118005	Accessory for Servo Amplifier FANUC	A06B-6078-K801	1
69	74777116 P767118001	Accessory for Servo Amplifier FANUC	A06B-6078-K803	1
70	74810942 P767485510	Short Bar FANUC	A06B-6078-K840	2
71	74401570 P767118069	Dynamic Brake Module FANUC	A06B-6079-H403	2
72	74401571 P767108186	PSM-37I FANUC	A06B-6200-H037	1

Unit No. 220 Control Device <F Supplies (Electrical Control Cabinet) EU>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74402330 P767108174	Servo Amplifier FANUC	A06B-6240-H106	1
74	74401572 P767108183	AISV360 Servo Amplifier FANUC	A06B-6240-H109	2
75	74401573 P767108169	Servo Amplifier FANUC	A06B-6240-H209	1
76	74401551 P767478131	BASIC Unit 2 Slots FANUC	A13B-0202-B002	1
77	74903360 P767478104	I/O Link Signal Divider (3CH) FANUC	A20B-1008-0360	1
78	74810925 P345008021	Optical Fiber Cable FANUC	A66L-6001-0026#L3R003	1
79	74417553 P772008025	Transformer FANUC	A81L-0001-0159	1

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6793196---

Unit No. 221 Control Device <Electrical Enclosure ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793196---	Electrical Enclosure ASSY CHN	Index 2	1
2	6793174---	F Supplies (Electrical Control Cabinet) EX		1

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6793174---

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (Electrical Control Cabinet) EX		1
	6793174---		Index 2-75	
2	74614138	Accessory (Program Controller)	A02B-0124-K001	1
	P767485035	FANUC		
3	74903377	CNC Display	A02B-0207-J858	1
	P767485829	FANUC		
4	74903382	DISKEXT.D/L FUNCTION	A02B-0207-J900	1
	P767485834	FANUC		
5	74417605	Accessory (Program Controller)	A02B-0236-C281	1
	P767485092	FANUC		
6	74567385	Optical Fiber Cable	A02B-0236-K851	1
	P345008003	FANUC		
7	74567386	Optical Fiber Cable	A02B-0236-K852	2
	P345008006	FANUC		
8	74903355	CPU Card B2	A02B-0323-H010	1
	P767478099	FANUC		
9	74903356	FROM/SRAM (128M/2M)	A02B-0323-H057	1
	P767478100	FANUC		
10	74402324	Servo Card B24 (FSBB2)	A02B-0323-H097	1
	P767118070	FANUC		
11	74903350	Power Supply Unit B	A02B-0323-H115	1
	P760008037	FANUC		
12	74903387	PMC Function	A02B-0323-H580#40A5	1
	P767485839	FANUC		

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903388 P767485840	Digital Servo Function FANUC	A02B-0323-H590#90G0	1
14	74401556 P767485870	Blank Panel FANUC	A02B-0323-J193	1
15	74903190 P362018047	Fast Ethernet Software FANUC	A02B-0323-J561#658K	1
16	74903396 P767485884	Device-Net Function Software FANUC	A02B-0323-J565#6579	1
17	74903191 P362018048	Built In Ethernet Software FANUC	A02B-0323-J571#658M	1
18	74903192 P362018049	USB Function Software FANUC	A02B-0323-J575#659A	1
19	74903376 P767485828	Separation 2-Slots FANUC	A02B-0327-B802	1
20	74903357 P767478101	Main Board D1 FANUC	A02B-0327-H200	1
21	74903372 P767485824	Automatic Data Backup Function FANUC	A02B-0327-H510#B11	1
22	74903373 P767485825	Ladder 64000 Step FANUC	A02B-0327-H990#64K	1
23	74402325 P767485980	Accessory (Program Controller) FANUC	A02B-0327-J391#17	1
24	74402326 P767485981	Accessory (Program Controller) FANUC	A02B-0327-J397#17	1

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903391 P767485843	Positioning (Optimal Acceleration) FANUC	A02B-0327-J693	1
26	74903379 P767485831	Accessory (Program Controller) FANUC	A02B-0327-J718	1
27	74903369 P767485820	Stopper Reference Point Setting FANUC	A02B-0327-J729	1
28	74903380 P767485832	C-language Executer SRAM FANUC	A02B-0327-J736	1
29	74401560 P767485994	Custom Software 6MB FANUC	A02B-0327-J738#6M	1
30	74903384 P767485836	Control Shaft Extension FANUC	A02B-0327-J801	1
31	74402327 P767485982	Accessory (Program Controller) FANUC	A02B-0327-J802#17	1
32	74903386 P767485838	Control Axis Extension FANUC	A02B-0327-J803	1
33	74903389 P767485841	PMC Control FANUC	A02B-0327-J804	1
34	74903195 P362018052	Handy Pulsar 1 Feed FANUC	A02B-0327-J835	1
35	74903197 P362018054	Pitch Error Revision FANUC	A02B-0327-J841	1
36	74903198 P362018055	Outer Deceleration FANUC	A02B-0327-J842	1

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74903199 P362018056	Custom Macro FANUC	A02B-0327-J873	1
38	74401562 P767485968	Programmable Mirror Image FANUC	A02B-0327-J880	1
39	74903200 P362018057	Custom Macro Variable Addition FANUC	A02B-0327-J887	1
40	74903201 P362018058	Work Coordinates FANUC	A02B-0327-J894	1
41	74903202 P362018059	Reader Puncher Control FANUC	A02B-0327-J900	1
42	74903203 P362018060	Data Input FANUC	A02B-0327-J913	1
43	74401563 P767485966	Program Memory Capacity 128kB FANUC	A02B-0327-J944	1
44	74903206 P362018063	Registration Program Extension FANUC	A02B-0327-J953	1
45	74903207 P362018064	Time/Number of Parts FANUC	A02B-0327-J971	1
46	74903209 P362018066	High Speed Position Switch FANUC	A02B-0327-J987	1
47	74903210 P362018067	PMC Function 3-Lines FANUC	A02B-0327-R855#3	1
48	74903211 P362018068	PMC Capacity Extension 512KB FANUC	A02B-0327-R856#512K	1

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74903215 P362018073	Control 2-Lines FANUC	A02B-0327-S801#2	1
50	74903217 P362018075	Machine Group Specification FANUC	A02B-0327-S836#1	1
51	74401565 P362018121	BASIC Function FANUC	A02B-0332-H501#G4E1	1
52	74903229 P362018087	C-axis Control FANUC	A02B-0332-J601	1
53	74401566 P362018123	Multi Works Picking FANUC	A02B-0332-J603	1
54	74903230 P362018088	Safety Zone Check FANUC	A02B-0332-J605	1
55	74903233 P362018091	Work Holder Interference Avoidance Function FANUC	A02B-0332-J622	1
56	74401567 P362018122	Macro Executor + C Executor FANUC	A02B-0332-J734	1
57	74401568 P362018124	Program Automatic Restart Function FANUC	A02B-0332-S904	1
58	74903234 P362018092	Safety Zone Territory Extension FANUC	A02B-0332-S908	1
59	74903236 P362018094	Ram Shaft Control FANUC	A02B-0332-S919	1
60	74402329 P767605004	I/O Module B1 FANUC	A03B-0824-K202	1

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74401569 P767605005	I/O Module B2 FANUC	A03B-0824-K203	5
62	74777117 P767118002	Accessory for Servo Amplifier FANUC	A06B-6050-K060	1
63	74777118 P767118003	Accessory for Servo Amplifier FANUC	A06B-6050-K061	1
64	74777119 P767118005	Accessory for Servo Amplifier FANUC	A06B-6078-K801	1
65	74777116 P767118001	Accessory for Servo Amplifier FANUC	A06B-6078-K803	1
66	74810942 P767485510	Short Bar FANUC	A06B-6078-K840	2
67	74401570 P767118069	Dynamic Brake Module FANUC	A06B-6079-H403	2
68	74401571 P767108186	PSM-37I FANUC	A06B-6200-H037	1
69	74402330 P767108174	Servo Amplifier FANUC	A06B-6240-H106	1
70	74401572 P767108183	AISV360 Servo Amplifier FANUC	A06B-6240-H109	2
71	74401573 P767108169	Servo Amplifier FANUC	A06B-6240-H209	1
72	74401585 P767478195	BASIC Unit 0 Slot FANUC	A13B-0202-B003	1

Unit No. 222 Control Device <F Supplies (Electrical Control Cabinet) EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74903360 P767478104	I/O Link Signal Divider (3CH) FANUC	A20B-1008-0360	1
74	74810925 P345008021	Optical Fiber Cable FANUC	A66L-6001-0026#L3R003	1
75	74417553 P772008025	Transformer FANUC	A81L-0001-0159	1

< List Only >

6793197---

Unit No. 223 Control Device <Electrical Enclosure ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793197---	Electrical Enclosure ASSY DOM	Index 2	1
2	6793175---	F Supplies (Electrical Control Cabinet) DOM		1

< List Only >

6793175---

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (Electrical Control Cabinet) DOM		1
	6793175---		Index 2-76	
2	74614138	Accessory (Program Controller)	A02B-0124-K001	1
	P767485035	FANUC		
3	74903377	CNC Display	A02B-0207-J858	1
	P767485829	FANUC		
4	74903382	DISKEXT.D/L FUNCTION	A02B-0207-J900	1
	P767485834	FANUC		
5	74417605	Accessory (Program Controller)	A02B-0236-C281	1
	P767485092	FANUC		
6	74567385	Optical Fiber Cable	A02B-0236-K851	1
	P345008003	FANUC		
7	74567386	Optical Fiber Cable	A02B-0236-K852	2
	P345008006	FANUC		
8	74903355	CPU Card B2	A02B-0323-H010	1
	P767478099	FANUC		
9	74903356	FROM/SRAM (128M/2M)	A02B-0323-H057	1
	P767478100	FANUC		
10	74402324	Servo Card B24 (FSBB2)	A02B-0323-H097	1
	P767118070	FANUC		
11	74903350	Power Supply Unit B	A02B-0323-H115	1
	P760008037	FANUC		
12	74903387	PMC Function	A02B-0323-H580#40A5	1
	P767485839	FANUC		

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903388 P767485840	Digital Servo Function FANUC	A02B-0323-H590#90G0	1
14	74401556 P767485870	Blank Panel FANUC	A02B-0323-J193	1
15	74903190 P362018047	Fast Ethernet Software FANUC	A02B-0323-J561#658K	1
16	74903396 P767485884	Device-Net Function Software FANUC	A02B-0323-J565#6579	1
17	74903191 P362018048	Built In Ethernet Software FANUC	A02B-0323-J571#658M	1
18	74903192 P362018049	USB Function Software FANUC	A02B-0323-J575#659A	1
19	74903376 P767485828	Separation 2-Slots FANUC	A02B-0327-B802	1
20	74903357 P767478101	Main Board D1 FANUC	A02B-0327-H200	1
21	74903372 P767485824	Automatic Data Backup Function FANUC	A02B-0327-H510#B11	1
22	74903373 P767485825	Ladder 64000 Step FANUC	A02B-0327-H990#64K	1
23	74402325 P767485980	Accessory (Program Controller) FANUC	A02B-0327-J391#17	1
24	74402326 P767485981	Accessory (Program Controller) FANUC	A02B-0327-J397#17	1

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903391 P767485843	Positioning (Optimal Acceleration) FANUC	A02B-0327-J693	1
26	74903379 P767485831	Accessory (Program Controller) FANUC	A02B-0327-J718	1
27	74903369 P767485820	Stopper Reference Point Setting FANUC	A02B-0327-J729	1
28	74903380 P767485832	C-language Executer SRAM FANUC	A02B-0327-J736	1
29	74401560 P767485994	Custom Software 6MB FANUC	A02B-0327-J738#6M	1
30	74903384 P767485836	Control Shaft Extension FANUC	A02B-0327-J801	1
31	74402327 P767485982	Accessory (Program Controller) FANUC	A02B-0327-J802#17	1
32	74903386 P767485838	Control Axis Extension FANUC	A02B-0327-J803	1
33	74903389 P767485841	PMC Control FANUC	A02B-0327-J804	1
34	74903195 P362018052	Handy Pulsar 1 Feed FANUC	A02B-0327-J835	1
35	74903197 P362018054	Pitch Error Revision FANUC	A02B-0327-J841	1
36	74903198 P362018055	Outer Deceleration FANUC	A02B-0327-J842	1

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74903199 P362018056	Custom Macro FANUC	A02B-0327-J873	1
38	74401562 P767485968	Programmable Mirror Image FANUC	A02B-0327-J880	1
39	74903200 P362018057	Custom Macro Variable Addition FANUC	A02B-0327-J887	1
40	74903201 P362018058	Work Coordinates FANUC	A02B-0327-J894	1
41	74903202 P362018059	Reader Puncher Control FANUC	A02B-0327-J900	1
42	74903203 P362018060	Data Input FANUC	A02B-0327-J913	1
43	74401563 P767485966	Program Memory Capacity 128kB FANUC	A02B-0327-J944	1
44	74903206 P362018063	Registration Program Extension FANUC	A02B-0327-J953	1
45	74903397 P767485887	Language Japanese FANUC	A02B-0327-J965	1
46	74903207 P362018064	Time/Number of Parts FANUC	A02B-0327-J971	1
47	74903209 P362018066	High Speed Position Switch FANUC	A02B-0327-J987	1
48	74903210 P362018067	PMC Function 3-Lines FANUC	A02B-0327-R855#3	1

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

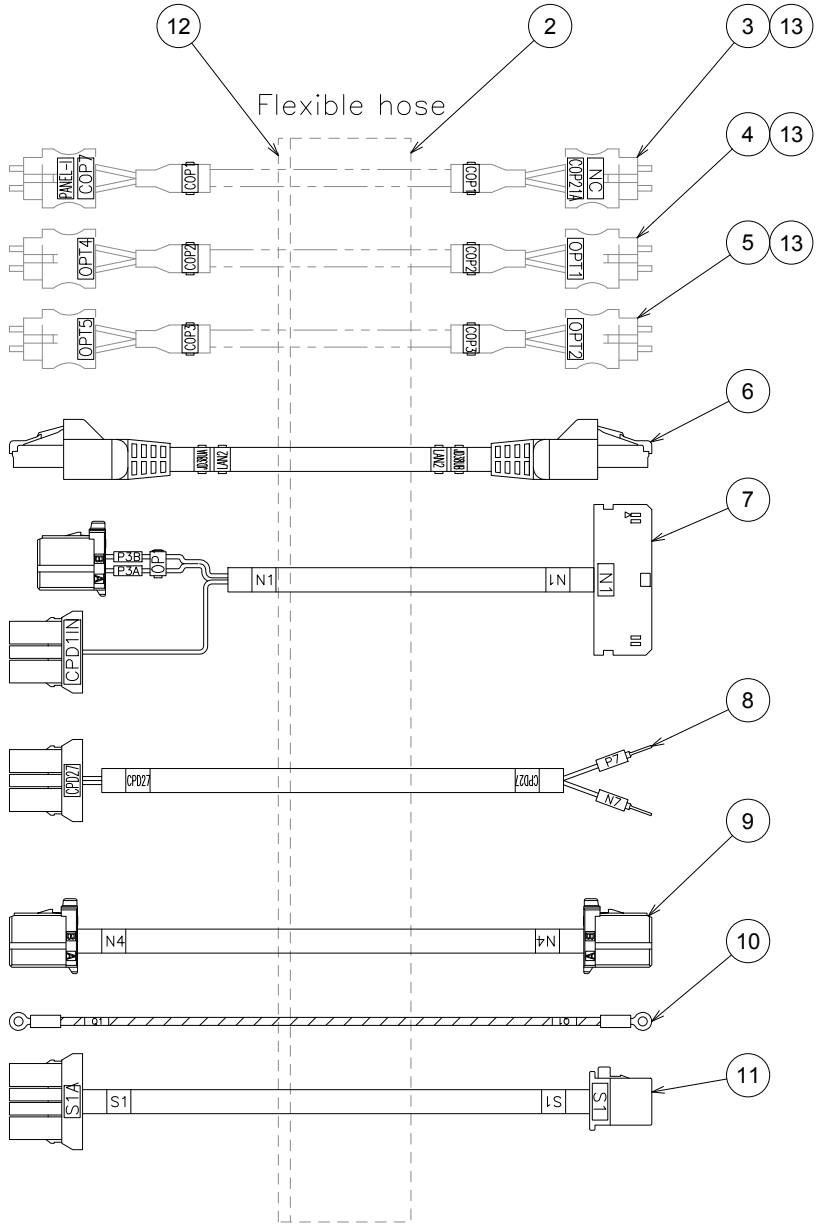
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74903211 P362018068	PMC Capacity Extension 512KB FANUC	A02B-0327-R856#512K	1
50	74903215 P362018073	Control 2-Lines FANUC	A02B-0327-S801#2	1
51	74903217 P362018075	Machine Group Specification FANUC	A02B-0327-S836#1	1
52	74401565 P362018121	BASIC Function FANUC	A02B-0332-H501#G4E1	1
53	74903229 P362018087	C-axis Control FANUC	A02B-0332-J601	1
54	74401566 P362018123	Multi Works Picking FANUC	A02B-0332-J603	1
55	74903230 P362018088	Safety Zone Check FANUC	A02B-0332-J605	1
56	74903233 P362018091	Work Holder Interference Avoidance Function FANUC	A02B-0332-J622	1
57	74401567 P362018122	Macro Executor + C Executor FANUC	A02B-0332-J734	1
58	74401568 P362018124	Program Automatic Restart Function FANUC	A02B-0332-S904	1
59	74903234 P362018092	Safety Zone Territory Extension FANUC	A02B-0332-S908	1
60	74903236 P362018094	Ram Shaft Control FANUC	A02B-0332-S919	1

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74402329 P767605004	I/O Module B1 FANUC	A03B-0824-K202	1
62	74401569 P767605005	I/O Module B2 FANUC	A03B-0824-K203	5
63	74777117 P767118002	Accessory for Servo Amplifier FANUC	A06B-6050-K060	1
64	74777118 P767118003	Accessory for Servo Amplifier FANUC	A06B-6050-K061	1
65	74777119 P767118005	Accessory for Servo Amplifier FANUC	A06B-6078-K801	1
66	74777116 P767118001	Accessory for Servo Amplifier FANUC	A06B-6078-K803	1
67	74810942 P767485510	Short Bar FANUC	A06B-6078-K840	2
68	74401570 P767118069	Dynamic Brake Module FANUC	A06B-6079-H403	2
69	74401571 P767108186	PSM-37I FANUC	A06B-6200-H037	1
70	74402330 P767108174	Servo Amplifier FANUC	A06B-6240-H106	1
71	74401572 P767108183	AISV360 Servo Amplifier FANUC	A06B-6240-H109	2
72	74401573 P767108169	Servo Amplifier FANUC	A06B-6240-H209	1

Unit No. 224 Control Device <F Supplies (Electrical Control Cabinet) DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74401585 P767478195	BASIC Unit 0 Slot FANUC	A13B-0202-B003	1
74	74903360 P767478104	I/O Link Signal Divider (3CH) FANUC	A20B-1008-0360	1
75	74810925 P345008021	Optical Fiber Cable FANUC	A66L-6001-0026#L3R003	1
76	74417553 P772008025	Transformer FANUC	A81L-0001-0159	1



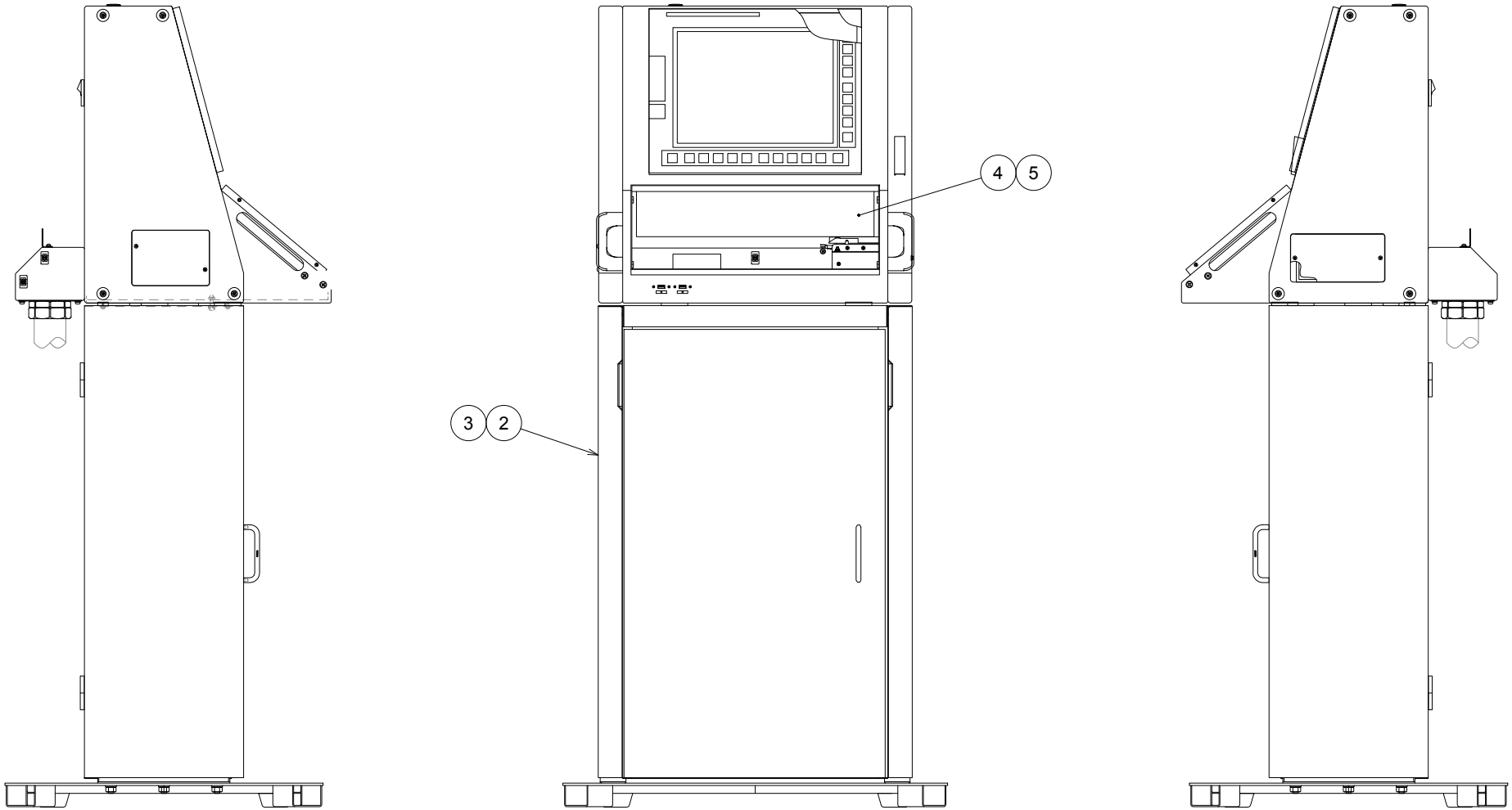
(1) Control Panel Connection Diagram

6791691--A
(6791691--B)

Unit No. 225 Control Device <Control Panel Connection Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791691--A	Control Panel Connection Diagram	Index 2-13	1
2	74402331 679169201-	Flexible Tube ASSY 12M		1
3	74901924 156640302-	Optical Fiber Cable COP1		1
4	74402332 156640303A	Optical Fiber Cable COP2		1
5	74402333 156640304A	Optical Fiber Cable COP3		1
6	74901927 156640305-	Cable LAN2		1
7	74402334 679169202A	Cable N1		1
8	74402335 679169203-	Cable CPD27		1
9	74402336 679169204-	Cable N4		1
10	74402337 679169205-	Cable Q1		1
11	74402338 679169206-	Cable S1		1
12	74402339 679169207-	Flange		1

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74418010 P345008014	Optical Fiber Cable FANUC	A66L-6001-0026#L20R03	3

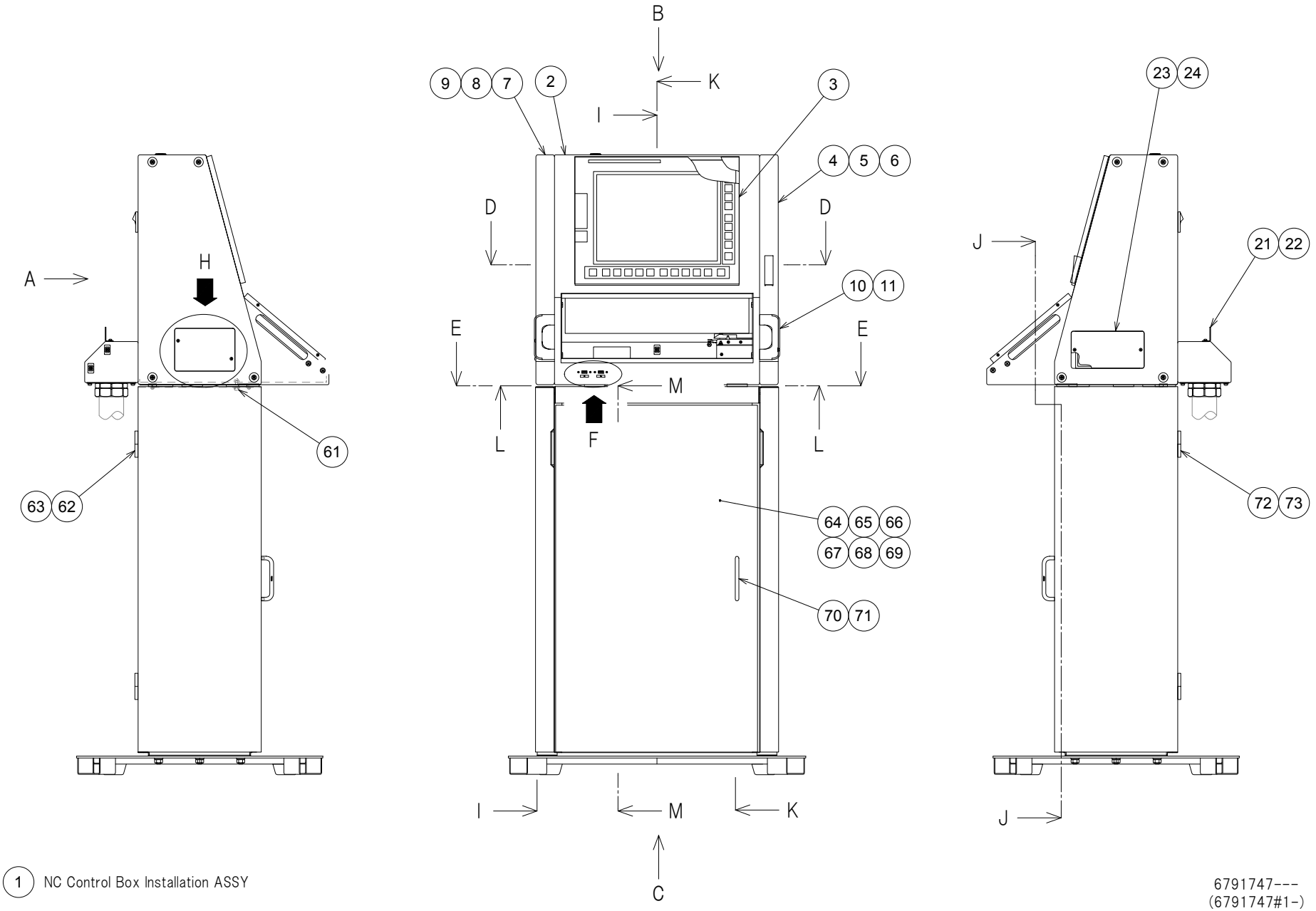


1 Control Stand

6791735---

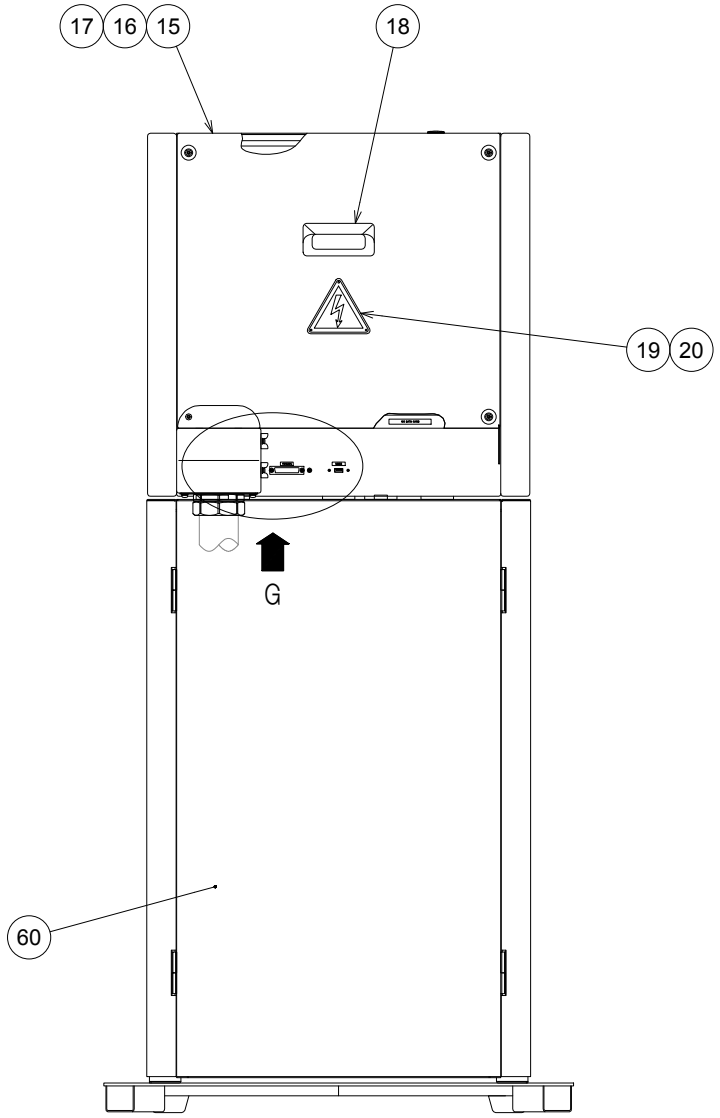
Unit No. 226 Control Device <Control Stand>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791735---	Control Stand	Index 2-6	1
2	6791747---	NC Control Box Installation ASSY		1
3	6791748---	Accessory for Control Stand CE		1
4	6793169---	Operation Panel ASSY		1
5	6793185---	Sub Panel ASSY		1
6	6791788---	F Supplies (Control Panel)	List Only	1

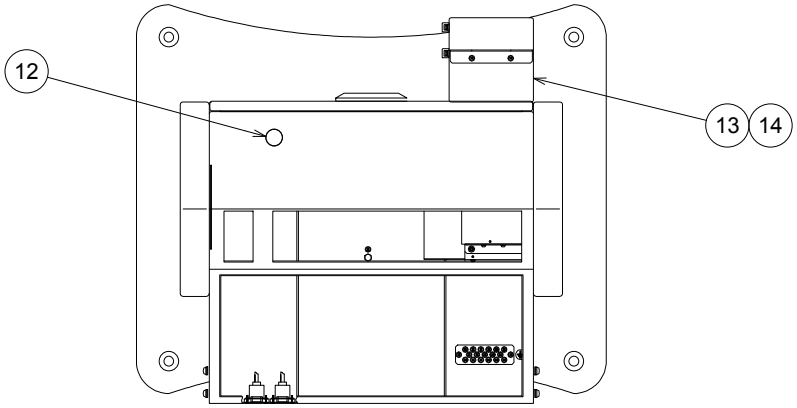


1 NC Control Box Installation ASSY

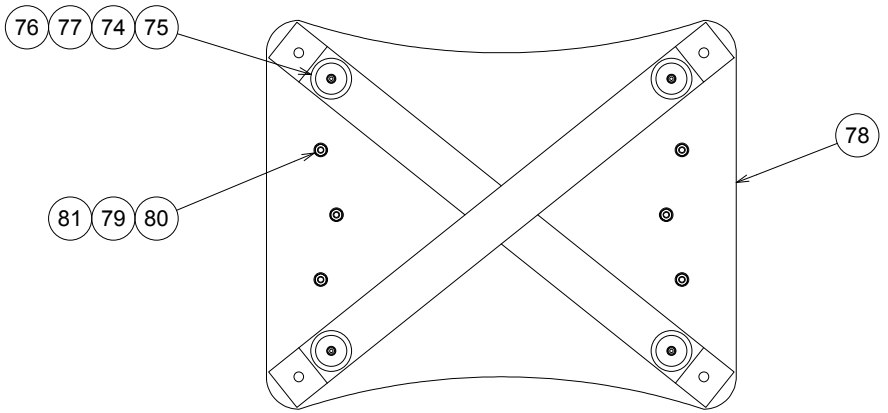
6791747---
(6791747#1-)



VIEW A

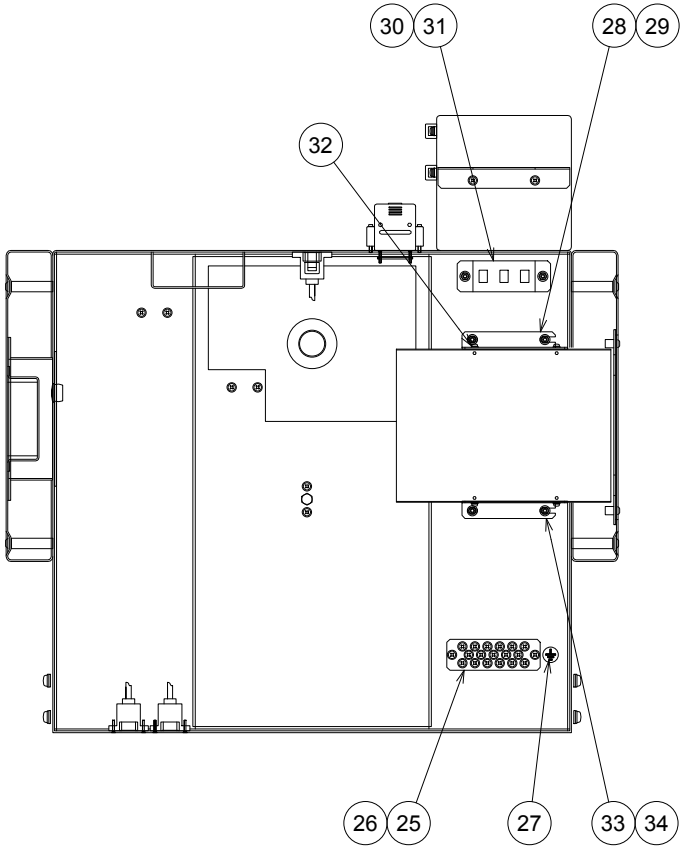


VIEW B

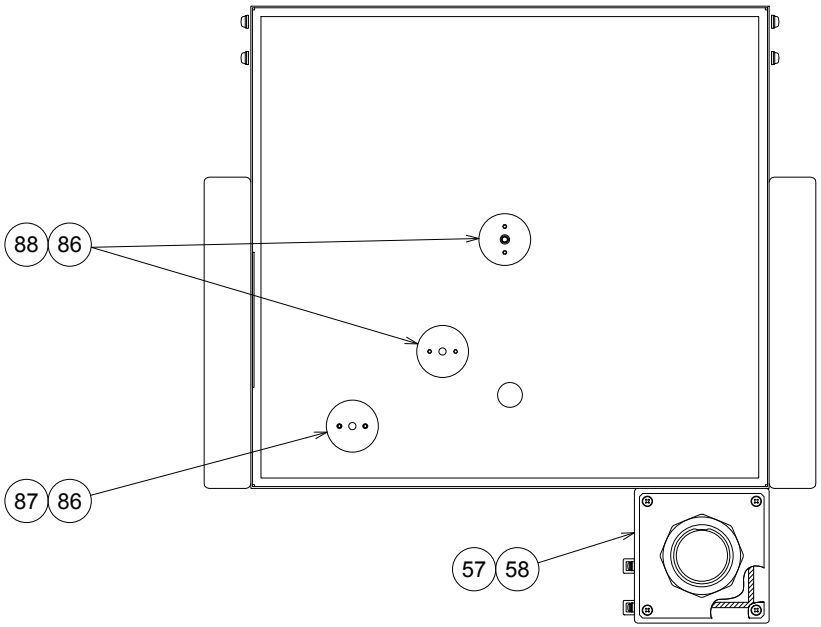


VIEW C

6791747---
(6791747#1-)

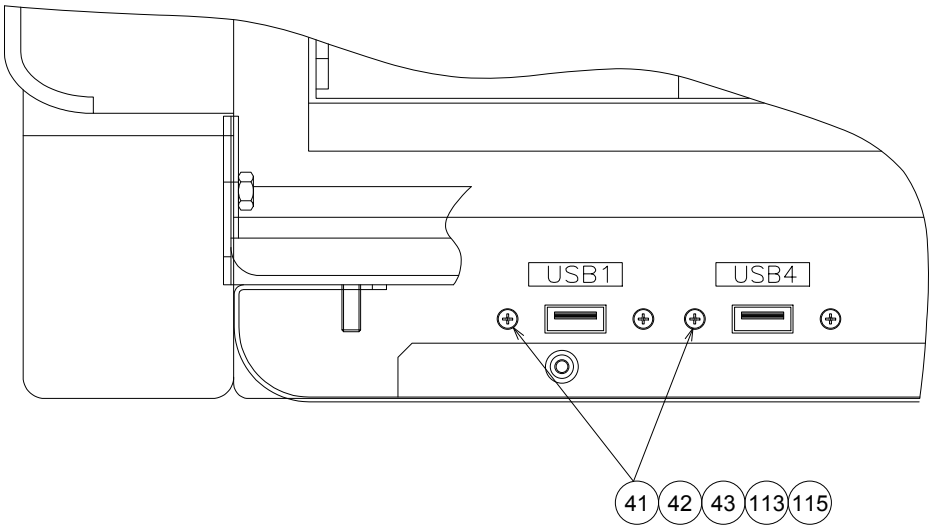


SECTION D-D

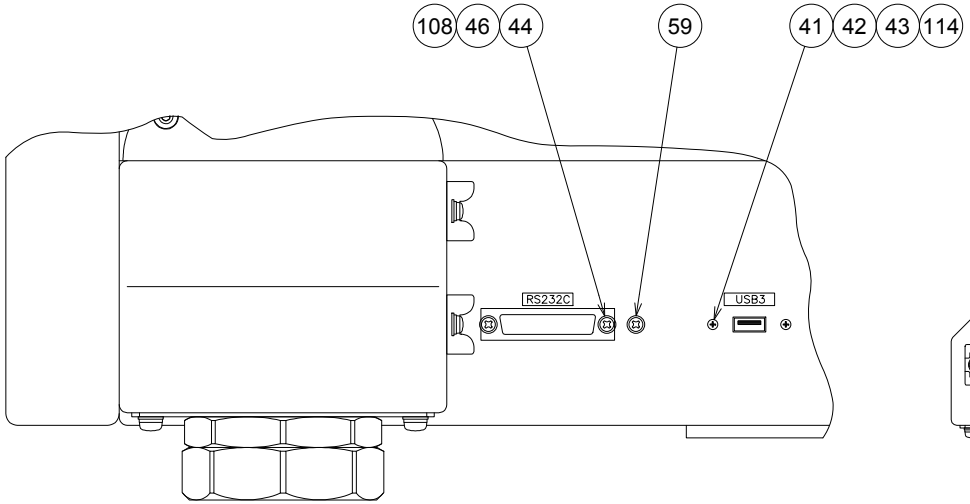


SECTION E-E

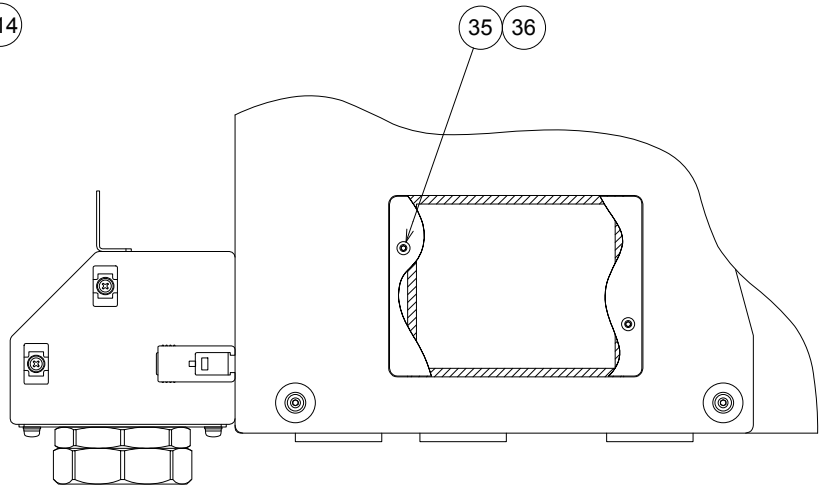
6791747---
(6791747#2-)



DETAIL F

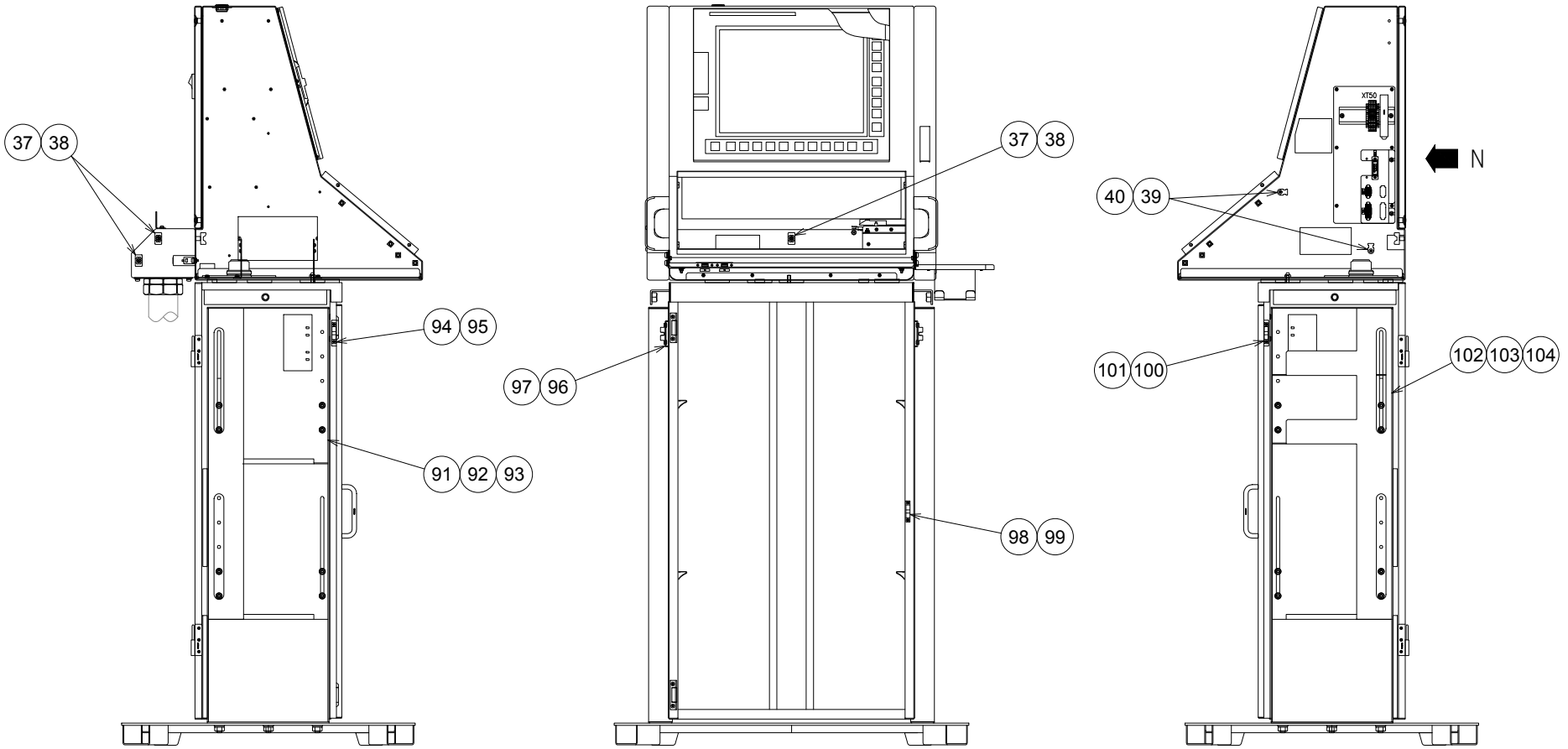


DETAIL G



DETAIL H

6791747---
(6791747#2-)



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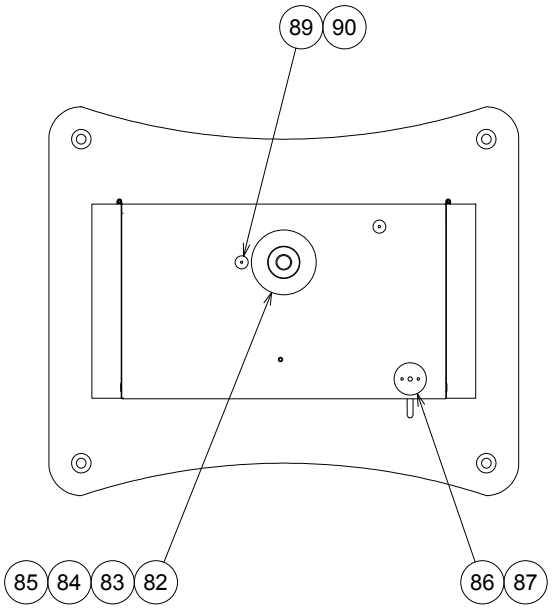
(6791747#2-)



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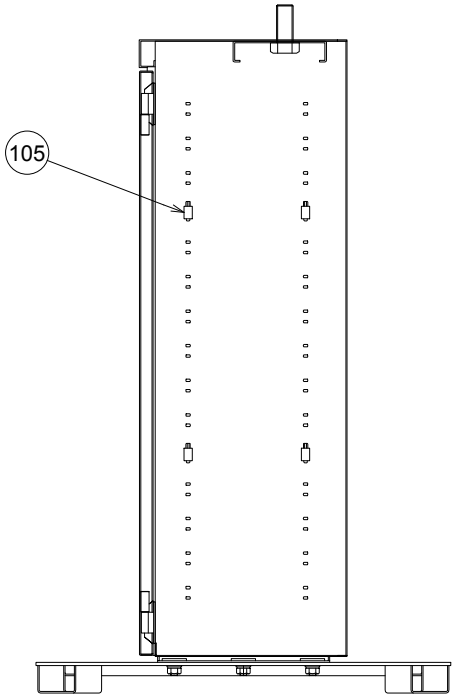

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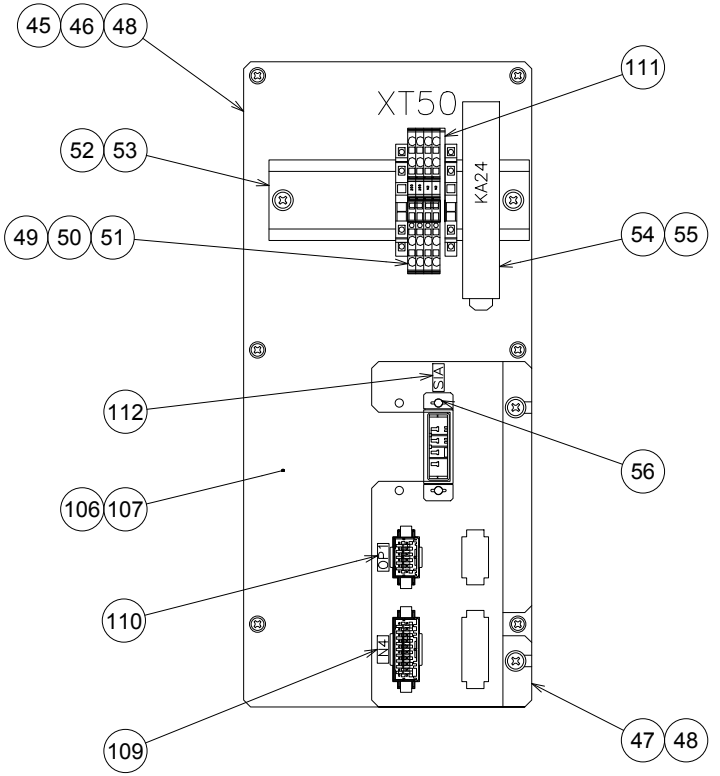


DETAIL N

6791747---
(6791747#2-)

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791747---	NC Control Box Installation ASSY	Index 2-115	1
2	74402340 679178601-	Operating Box		1
3	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	8
4	74402341 DA25688--A	Side Cover R		1
5	74903154 P334500135	Button Head Screw	M5X10(Trivalent Chromium White)	4
6	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	4
7	74902208 DA25536--A	Side Cover L		1
8	74903154 P334500135	Button Head Screw	M5X10(Trivalent Chromium White)	4
9	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	4
10	74903115 P317115003	Grip TOCHIGIYA	THA-273	2
11	74451985 P334200344	Sems Pan Head Screw	M6X16(Trivalent Chromium White P-3)	4
12	74903051 P229138047	Blind Plug IDEC	LW9Z-BM	1

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402342 679178603-	Flexible Box		1
14	74903148 P334200353	Sems Pan Head Screw	M5X12(Trivalent Chromium Black P-4)	4
15	74402343 679178602-	Operating Box Cover		1
16	74903154 P334500135	Button Head Screw	M5X10(Trivalent Chromium White)	4
17	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	4
18	74810760 P317102015	Embedded Pull TAKIGEN	AP-183-2(Black)	1
19	74776551 6580900	Charging Mark H=80		1
20	74776879 P339208002	Blind Rivet LOBTEX	NSA3-2	3
21	74402344 679178605-	Cable Hanger		1
22	74903151 P334200387	Sems Pan Head Screw	M4X8(Trivalent Chromium Black P-4)	2
23	74902196 DA25056--A	CD Panel		1
24	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	2

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402345 6584270--C	Ground Bar		1
26	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	19
27	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
28	74902227 DA25690---	CD Bracket R		1
29	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
30	74902194 DA25049---	Cable Clamp		1
31	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
32	74452098 P334200314	Sems Pan Head Screw	M3X8(Trivalent Chromium Black P-3)	4
33	74902226 DA25689---	CD Bracket L		1
34	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
35	74902210 DA25538--A	Side Cover L Lid		1
36	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	2

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74776914 P381058142	Cable Band PANDUIT	TM3S8-C	3
38	74903141 P334110126	Flat Head Screw	M4X8(Trivalent Chromium Black)	3
39	74776913 P381058088	Cable Band MISUMI	MB2	2
40	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	2
41	74402346 679178606-	Nut Plate USB2		3
42	74903142 P334110139	Flat Head Screw	M2X12(Trivalent Chromium Black)	6
43	74577532 P862188092	Accessory for Connector SANWA SUPPLY	TK-UCAP	2
44	74903445 P862188121	Accessory for Connector JAE	DB-59-J2R	1
45	74402347 679178607-	Connector Plate		1
46	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	6
47	74402348 679178608-	Connector Panel		1
48	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	4

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	4
50	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1
51	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	2
52	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	2
53	74450585 P864032134	Terminal Base IDEC	BAA1000(113)	1
54	74561284 P800002017	Control Relay OMRON	G2R-2-SND-DC24V	1
55	74489964 P800082017	Accessory for Control Relay OMRON	P2RF-08-E (Socket)	1
56	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2
57	74402349 679178604-	Flexible Panel		1
58	74903148 P334200353	Sems Pan Head Screw	M5X12(Trivalent Chromium Black P-4)	4
59	74903145 P334200315	Sems Pan Head Screw	M3X8(Trivalent Chromium Black P-4)	1
60	74902215 DA25545--A	Control Stand Box		1

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903143 P334200152	Sems Pan Head Screw SANKO Industry	M6X20(Chromate P-4)	1
62	74903113 P313322035	Hinge TAKIGEN	B-1004-2-L	2
63	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	6
64	74902201 DA25061---	Stand Door		1
65	74903049 P229102036	Rubber Support TAKIGEN	C-30-CS-7	2
66	74902225 DA25604---	Hinge Pin	M5X68	2
67	74903137 P332008018	Nut SANKO Industry	M5(Trivalent Chromate White)	2
68	74902202 DA25063---	Stay (for Door)		1
69	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
70	74776715 P317122010	Round Bar Pull TAKIGEN	A-1042-C-6	1
71	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	2
72	74903114 P313332010	Hinge TAKIGEN	B-1004-2-R	2

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	6
74	74741445 P229102047	Rubber Support TAKIGEN	C-30-RK-63-UL	4
75	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
76	74903167 P336050075	Spring Washer	6(Trivalent Chromium White)	4
77	74903163 P336000137	Washer	6(Normal)-Trivalent Chromium White	4
78	74902218 DA25548---	Control Stand Base		1
79	74776797 P332000006	Nut JIS	M10	6
80	74903168 P336050076	Spring Washer	10(Trivalent Chromium White)	6
81	74903166 P336000154	Washer	10(Normal)-Trivalent Chromium White	8
82	74902198 DA25058---	MC Nylon 1		1
83	74902199 DA25059---	MC Nylon 4		1
84	74903161 P336000064	Washer JIS	24(Normal)-SUS304	1

Unit No. 227 Control Device <NC Control Box Installation ASSY>

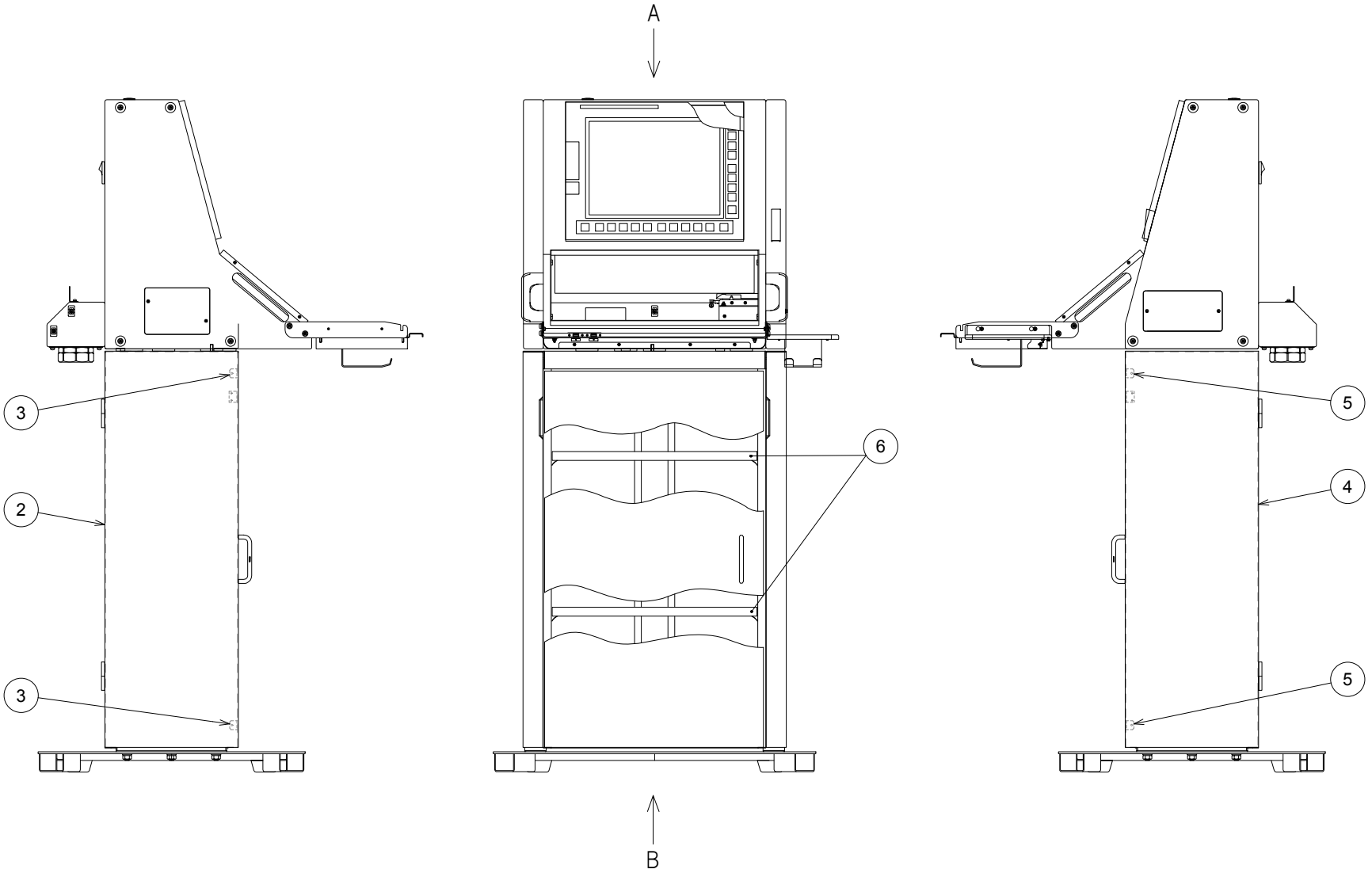
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74903138 P332318001	Self Locking Nut SANKO Industry	M24(Trivalent Chromium White)	1
86	74902191 DA25046--A	MC Nylon 2		4
87	74452241 P334200303	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-3)	4
88	74452492 P334200351	Sems Pan Head Screw	M4X12(Trivalent Chromium White P-3)	4
89	74902200 DA25060---	MC Nylon 3		2
90	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	2
91	74902217 DA25547--A	Stand L		1
92	74183309 P334500014	Button Head Screw JIS	M6X12	8
93	74903175 P336238651	Washer SANKO Industry	6.5X20X1.0-Trivalent Chromium White	8
94	74903120 P317442008	Door Closer TAKIGEN	C-90-2	1
95	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	4
96	74902203 DA25064---	Hinge		2

Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74565916 P334110006	Flat Head Screw JIS	M4X6	4
98	74903120 P317442008	Door Closer TAKIGEN	C-90-2	1
99	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	4
100	74903120 P317442008	Door Closer TAKIGEN	C-90-2	1
101	74451982 P334110120	Flat Head Screw	M3X6(Trivalent Chromium White)	4
102	74902216 DA25546--A	Stand R		1
103	74183309 P334500014	Button Head Screw JIS	M6X12	8
104	74903175 P336238651	Washer SANKO Industry	6.5X20X1.0-Trivalent Chromium White	8
105	74903344 P631168001	Shelf Holder SUGATSUNE	SPB-20	8
106	74402350 679178501-	Cable J52		1
107	74402351 679178502-	Cable J53		1
108	74402352 679178503-	Cable JD64L		1

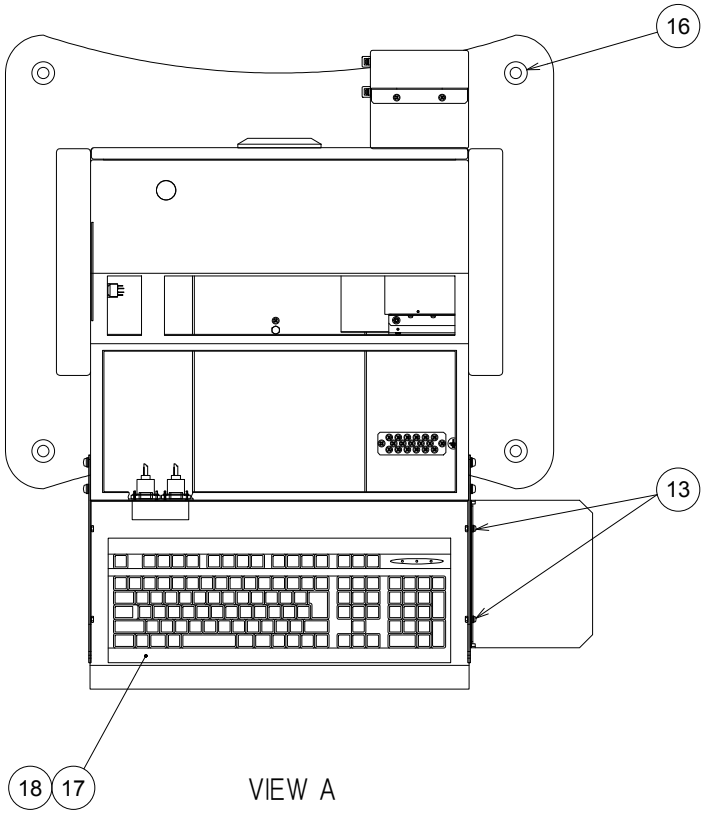
Unit No. 227 Control Device <NC Control Box Installation ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74402353 679178504-	Cable N4		1
110	74402354 679178505-	Cable OP1		1
111	74402355 679178506-	Cable PW		1
112	74402356 679178507-	Cable S1A		1
113	74402357 679178508-	Cable USB1		2
114	74402358 679178509-	Cable USB3		1
115	74402359 679178510-	Cable USB4		1

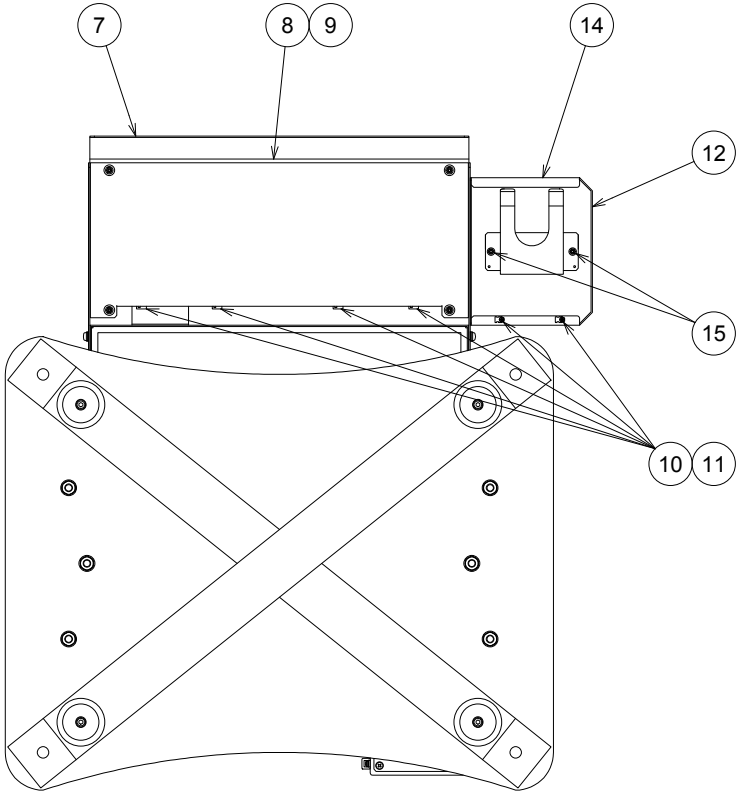


(1) Accessory for Control Stand CE

6791748---



VIEW A



VIEW B

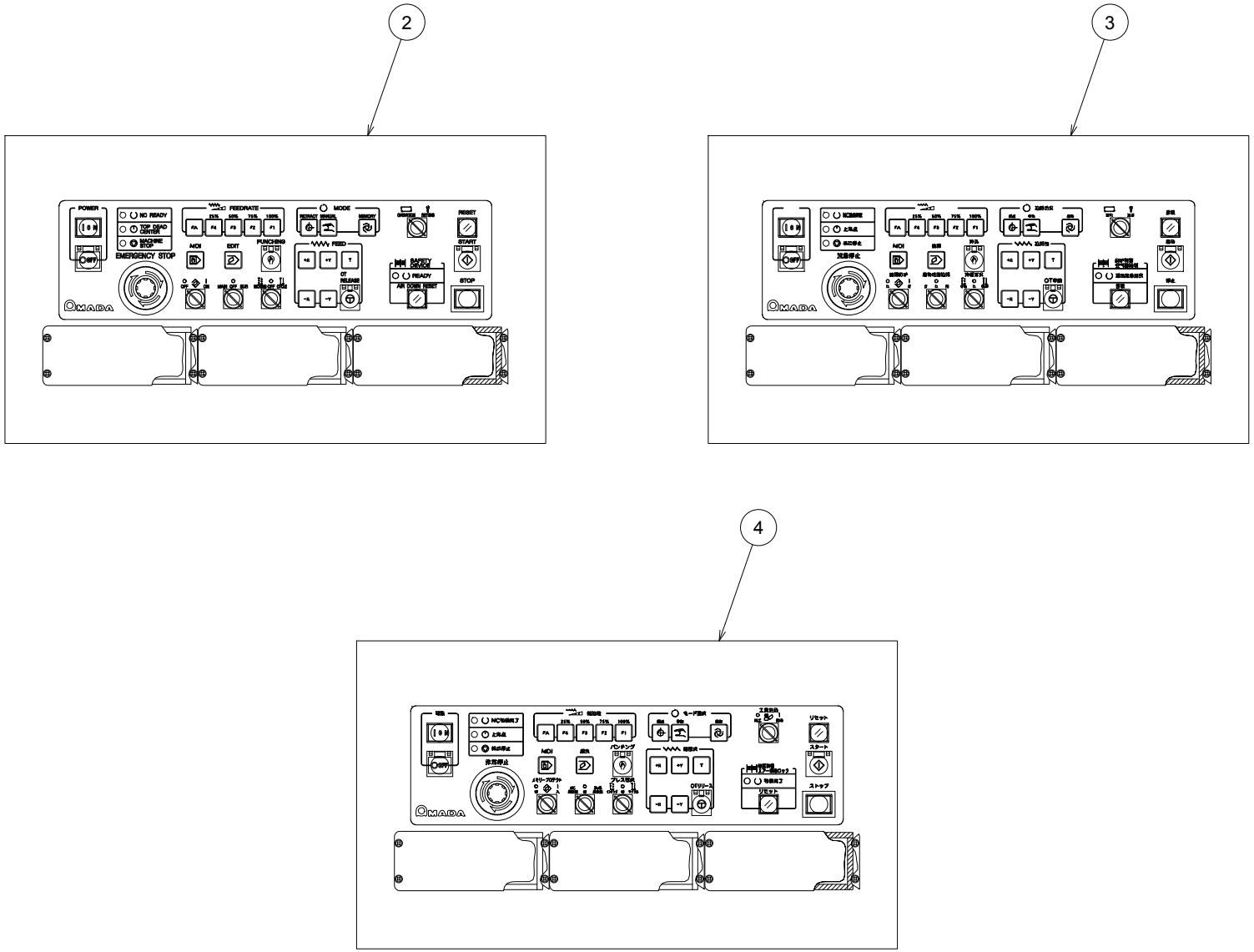
6791748---

Unit No. 228 Control Device <Accessory for Control Stand CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791748---	Accessory for Control Stand CE	Index 2-19	1
2	74902220 DA25569--A	Stand Cover L		1
3	74903049 P229102036	Rubber Support TAKIGEN	C-30-CS-7	2
4	74902219 DA25568--A	Stand Cover R		1
5	74903049 P229102036	Rubber Support TAKIGEN	C-30-CS-7	2
6	74902221 DA25570---	Shelf Plate		2
7	74402360 679178611-	Key Board Table		1
8	74402361 679178612-	Key Board Shelf		1
9	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	4
10	74903246 P381058161	Cable Band Tyton	MB1	6
11	74452125 P334110131	Flat Head Screw	M3X8(Trivalent Chromium White)	6
12	74402362 679178613-	Mouse Table		1

Unit No. 228 Control Device <Accessory for Control Stand CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452093 P334200329	Sems Pan Head Screw	M4X12(Trivalent Chromium Black P-3)	2
14	74902192 DA25047--A	Bar Code Reader Holder		1
15	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
16	74705012 P338213005	Anchor SANKO Technology	C-1290	4
17	74903341 P618108016	Keyboard (English) Owltech	OWL-KB104SFD(W)/E	1
18	74417464 P767788017	Accessory for Computer SANWA SUPPLY	FA-MULT1	1
19	74903180 P338008004	Eyebolt TAKIGEN	B-130-12 List Only	2

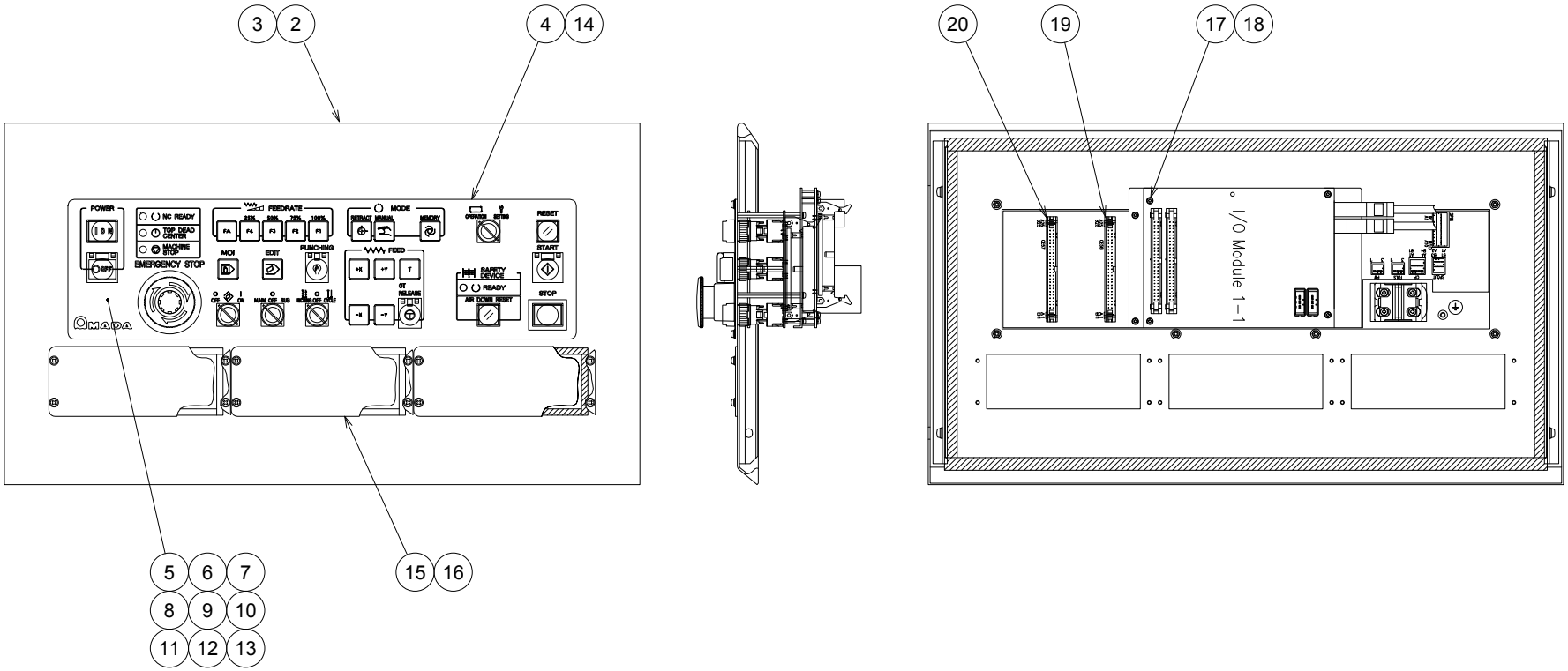


1 Operation Panel ASSY

6793169---

Unit No. 229 Control Device <Operation Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793169---	Operation Panel ASSY	Index 2-4	1
2	74402363 / 6791771--A	Control Panel ASSY E		1
3	74402364 / 6793170---	Control Panel ASSY CHN		1
4	74402365 / 6793171---	Control Panel ASSY DOM		1



(1) Control Panel ASSY E

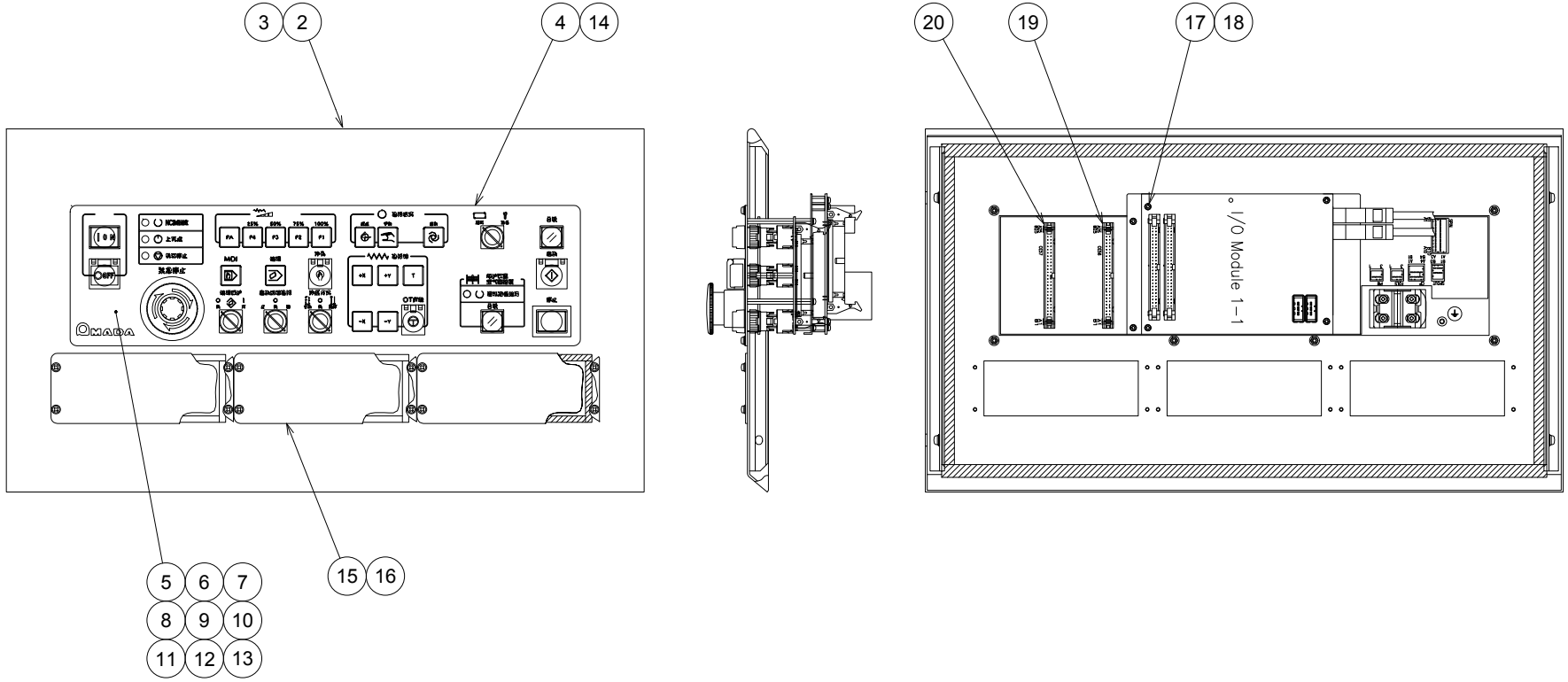
6791771--A

Unit No. 230 Control Device <Control Panel ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74402363 6791771--A	Control Panel ASSY E	Index 2-20	1
2	74402366 679177101-	Control Panel Stand		1
3	74903150 P334200386	Sems Pan Head Screw	M4X12(Trivalent Chromium Black P-4)	4
4	74401432 7856168--A	Sheet Keyboard FUJI Electric	AB12C-0537/AE0 Index 5	1
5	 7856166--A	Sheet Keyboard FUJI Electric	AB12C-0537/AJ0AE0AC0 Index 6-13	1
6	74578740 P820084001	Accessory for Rotary Switch FUJI Electric	AH16P-11	2
7	74578741 P820084002	Accessory for Rotary Switch FUJI Electric	AH16P-22	2
8	74401433 P822144088	Flat Command Switch FUJI Electric	AB12-SLW131-14	15
9	74578739 P822804008	Accessory for Switch FUJI Electric	AH16P-L11	8
10	74401434 P843628033	LED STANLEY	MU03-5201	3
11	74401435 P843628034	LED STANLEY	MU03-2201	1
12	74401436 SPT0465---	Resistor	2.2kOhm 1W	1

Unit No. 230 Control Device <Control Panel ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401437 SPT0466---	Resistor	680 Ohm 2W	15
14	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	8
15	74402619 1566384--A	Blank Panel 1		3
16	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	12
17	74402620 P631408095	Strut Parts HIROSUGI	BSU-510	4
18	74452126 P334200297	Sems Pan Head Screw	M3X6(Trivalent Chromate White P-3)	4
19	74402621 679178511-	Cable CE56		1
20	74402622 679178512-	Cable CE57		1



(1) Control Panel ASSY CHN

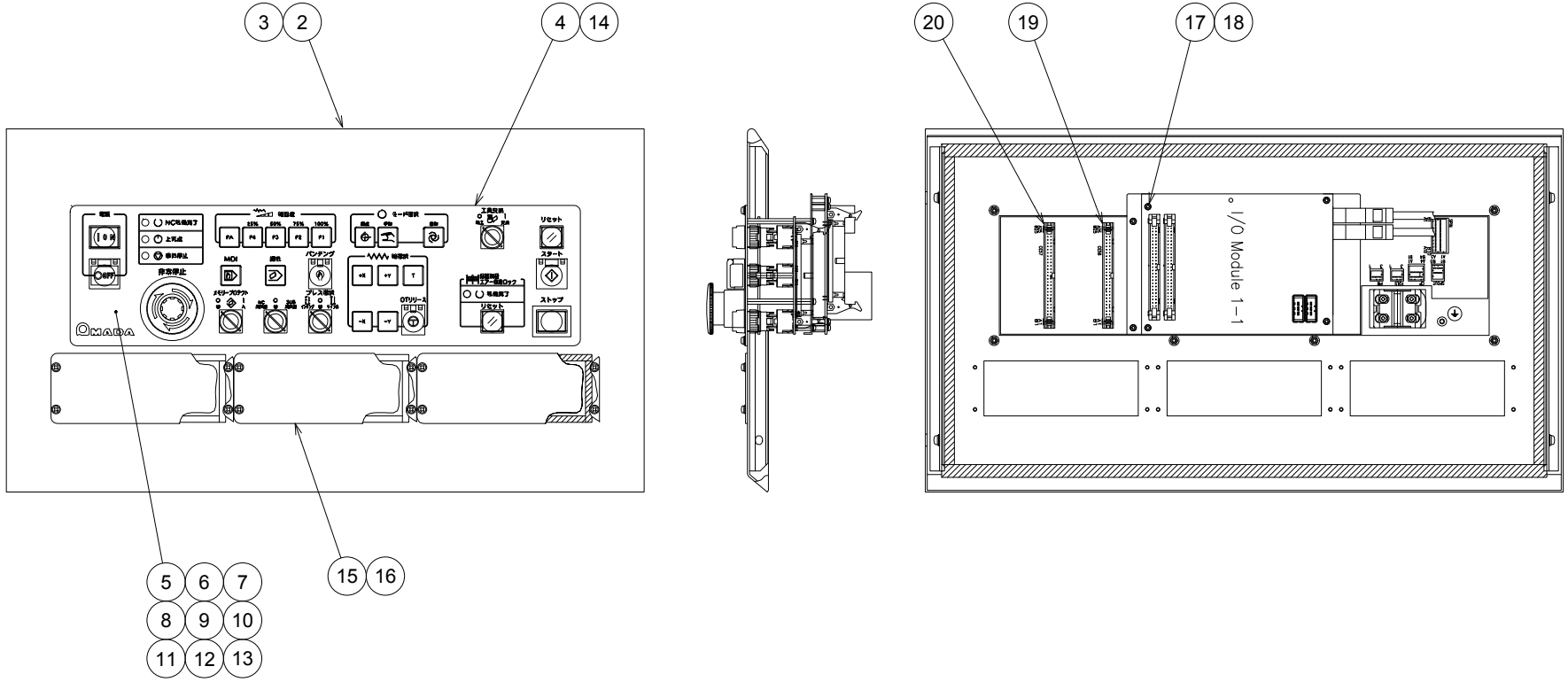
6793170---

Unit No. 231 Control Device <Control Panel ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74402364 6793170---	Control Panel ASSY CHN	Index 2-20	1
2	74402366 679177101-	Control Panel Stand		1
3	74903150 P334200386	Sems Pan Head Screw	M4X12(Trivalent Chromium Black P-4)	4
4	74402623 7856169--A	Sheet Keyboard FUJI Electric	AB12C-0537/AC0 Index 5	1
5	 7856166--A	Sheet Keyboard FUJI Electric	AB12C-0537/AJ0AE0AC0 Index 6-13	1
6	74578740 P820084001	Accessory for Rotary Switch FUJI Electric	AH16P-11	2
7	74578741 P820084002	Accessory for Rotary Switch FUJI Electric	AH16P-22	2
8	74401433 P822144088	Flat Command Switch FUJI Electric	AB12-SLW131-14	15
9	74578739 P822804008	Accessory for Switch FUJI Electric	AH16P-L11	8
10	74401434 P843628033	LED STANLEY	MU03-5201	3
11	74401435 P843628034	LED STANLEY	MU03-2201	1
12	74401436 SPT0465---	Resistor	2.2kOhm 1W	1

Unit No. 231 Control Device <Control Panel ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401437 SPT0466---	Resistor	680 Ohm 2W	15
14	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	8
15	74402619 1566384--A	Blank Panel 1		3
16	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	12
17	74402620 P631408095	Strut Parts HIROSUGI	BSU-510	4
18	74452126 P334200297	Sems Pan Head Screw	M3X6(Trivalent Chromate White P-3)	4
19	74402621 679178511-	Cable CE56		1
20	74402622 679178512-	Cable CE57		1



(1) Control Panel ASSY DOM

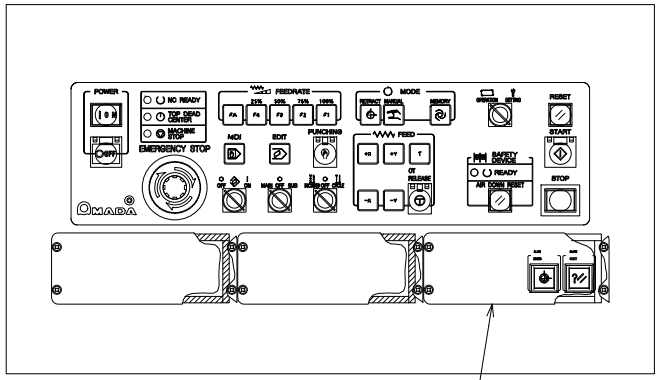
6793171---

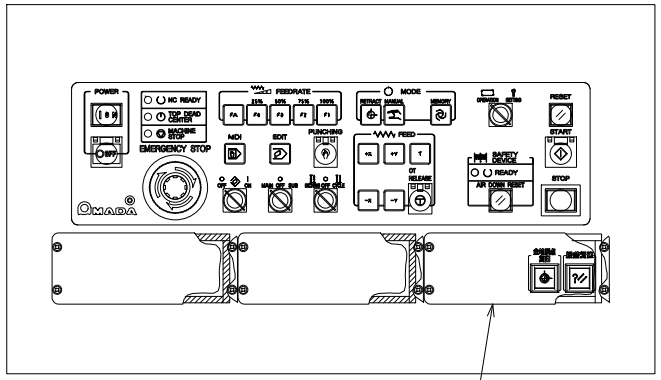
Unit No. 232 Control Device <Control Panel ASSY DOM>

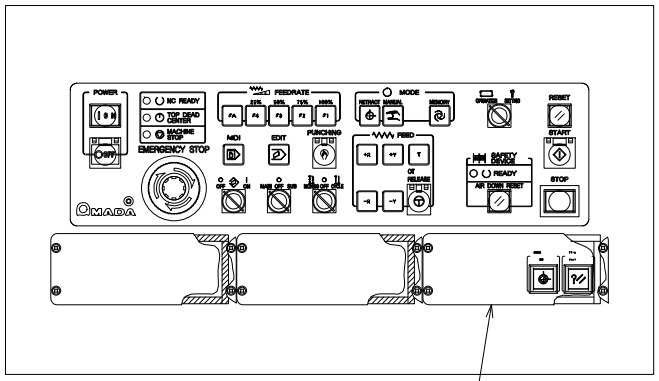
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74402365 6793171---	Control Panel ASSY DOM	Index 2-20	1
2	74402366 679177101-	Control Panel Stand		1
3	74903150 P334200386	Sems Pan Head Screw	M4X12(Trivalent Chromium Black P-4)	4
4	74402624 7856167--A	Sheet Keyboard FUJI Electric	AB12C-0537/AJ0 Index 5	1
5	 7856166--A	Sheet Keyboard FUJI Electric	AB12C-0537/AJ0AE0AC0 Index 6-13	1
6	74578740 P820084001	Accessory for Rotary Switch FUJI Electric	AH16P-11	2
7	74578741 P820084002	Accessory for Rotary Switch FUJI Electric	AH16P-22	2
8	74401433 P822144088	Flat Command Switch FUJI Electric	AB12-SLW131-14	15
9	74578739 P822804008	Accessory for Switch FUJI Electric	AH16P-L11	8
10	74401434 P843628033	LED STANLEY	MU03-5201	3
11	74401435 P843628034	LED STANLEY	MU03-2201	1
12	74401436 SPT0465---	Resistor	2.2kOhm 1W	1

Unit No. 232 Control Device <Control Panel ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74401437 SPT0466---	Resistor	680 Ohm 2W	15
14	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	8
15	74402619 1566384--A	Blank Panel 1		3
16	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	12
17	74402620 P631408095	Strut Parts HIROSUGI	BSU-510	4
18	74452126 P334200297	Sems Pan Head Screw	M3X6(Trivalent Chromate White P-3)	4
19	74402621 679178511-	Cable CE56		1
20	74402622 679178512-	Cable CE57		1





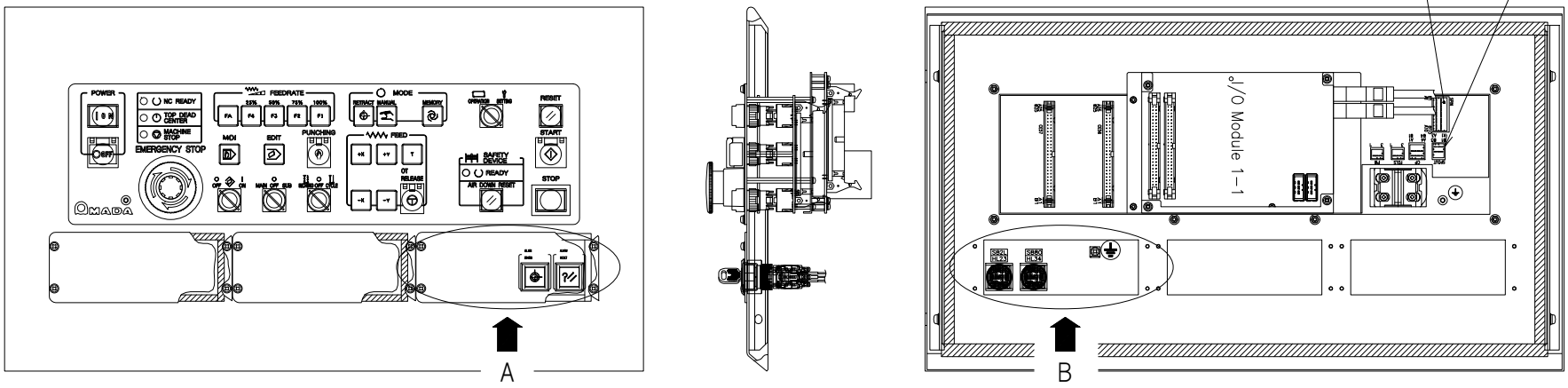


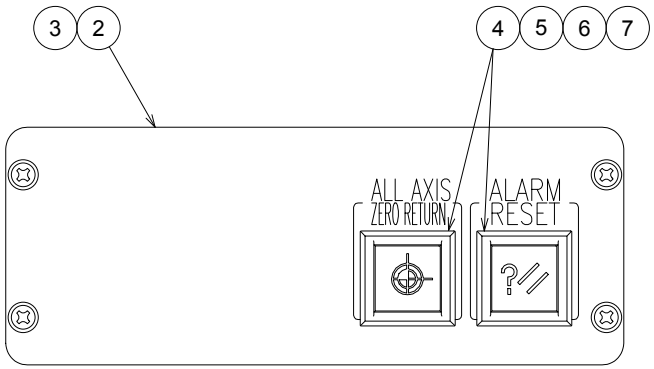
(1) Sub Panel ASSY

6793185---

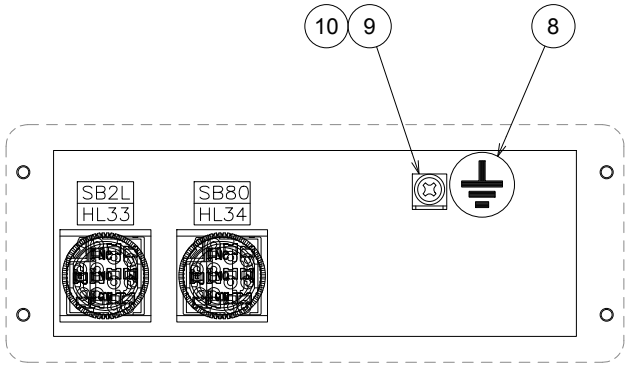
Unit No. 233 Control Device <Sub Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793185---	Sub Panel ASSY	Index 2-4	1
2	6793186---	Sub Panel ASSY E		1
3	6793187---	Sub Panel ASSY CHN		1
4	6793188---	Sub Panel ASSY DOM		1





DETAIL A



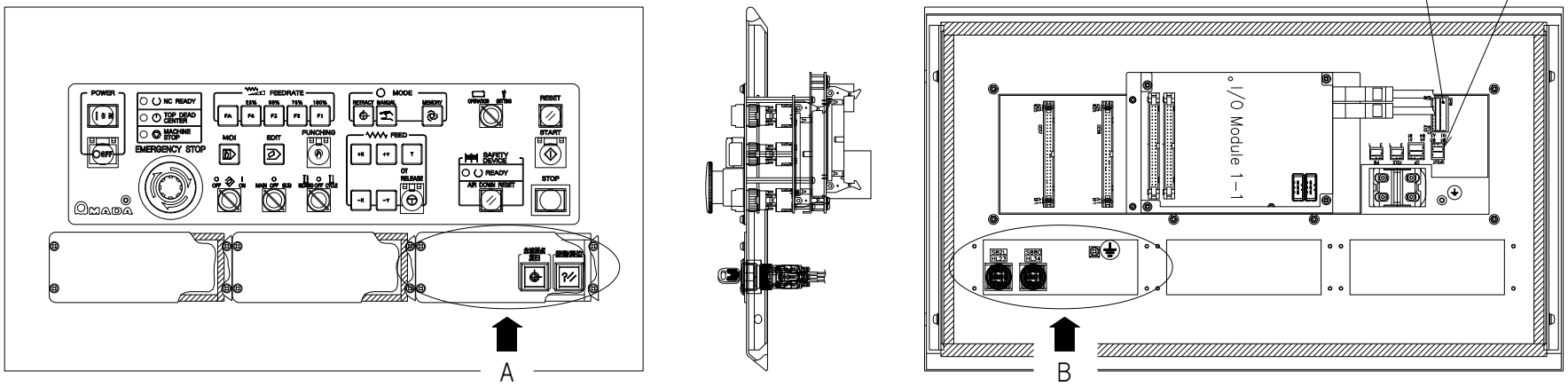
DETAIL B

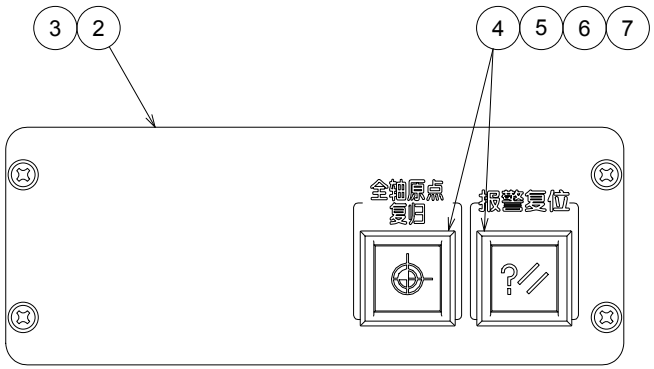
(1) Sub Panel ASSY E

6793186---
(6793186--A)

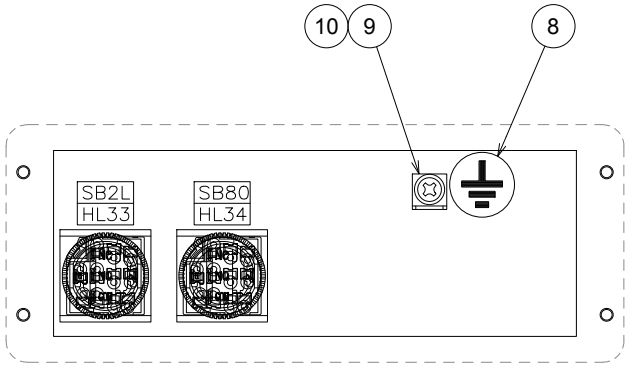
Unit No. 234 Control Device <Sub Panel ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793186---	Sub Panel ASSY E	Index 2-12	1
2	74402625 679318601-	Sub Panel		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74402626 679177202-	Name Plate		1
5	74402628 679177203-	Name Plate		1
6	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
8	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
9	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
10	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
11	74402631 679178513-	Cable SPIN		1
12	74402633 679178514-	Cable SPOUT		1





DETAIL A



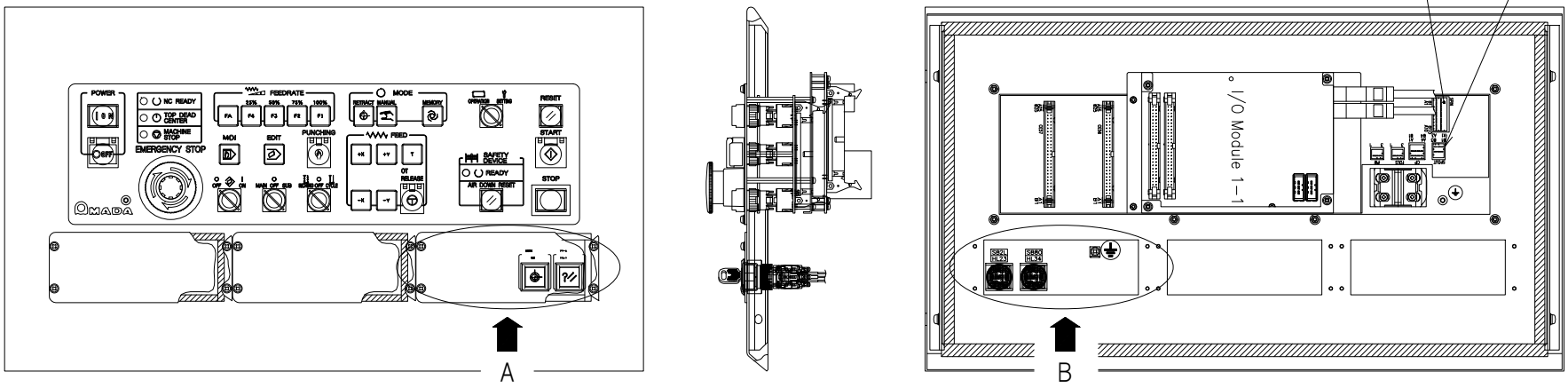
DETAIL B

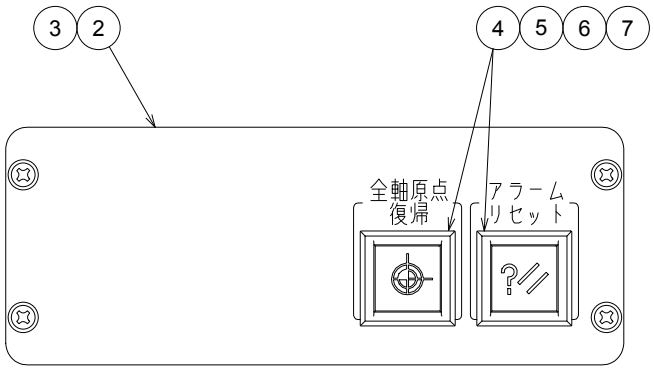
(1) Sub Panel ASSY CHN

6793187---

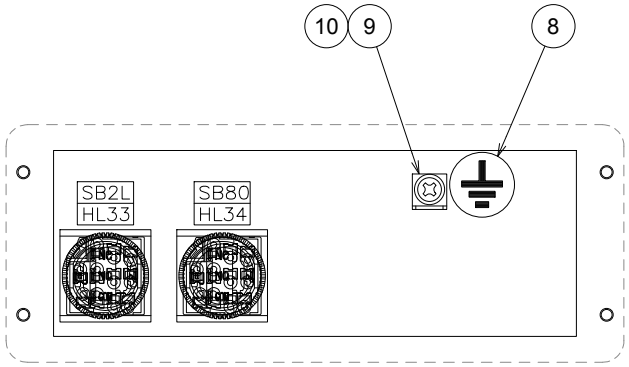
Unit No. 235 Control Device <Sub Panel ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793187---	Sub Panel ASSY CHN	Index 2-12	1
2	74402634 679318701-	Sub Panel CHN		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74402626 679177202-	Name Plate		1
5	74402628 679177203-	Name Plate		1
6	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
8	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
9	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
10	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
11	74402631 679178513-	Cable SPIN		1
12	74402633 679178514-	Cable SPOUT		1





DETAIL A



DETAIL B

(1) Sub Panel ASSY DOM

6793188---

Unit No. 236 Control Device <Sub Panel ASSY DOM>

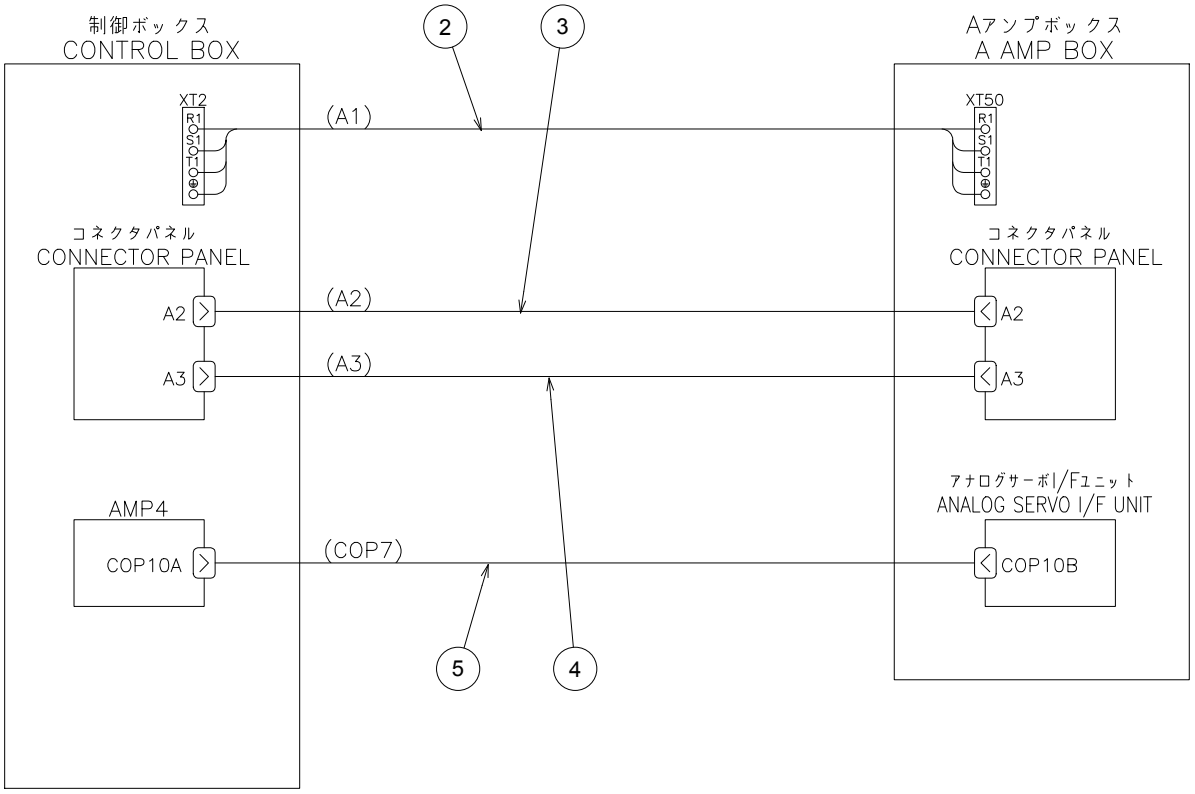
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793188---	Sub Panel ASSY DOM	Index 2-12	1
2	74402636 679318801-	Sub Panel DOM		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74402626 679177202-	Name Plate		1
5	74402628 679177203-	Name Plate		1
6	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
8	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
9	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
10	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
11	74402631 679178513-	Cable SPIN		1
12	74402633 679178514-	Cable SPOUT		1

< List Only >

6791788---

Unit No. 237 Control Device <F Supplies (Control Panel)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (Control Panel)		1
	6791788---		Index 2-12	
2	74401569	I/O Module B2	A03B-0824-K203	1
	P767605005	FANUC		
3	74401574	15-inch Color LCD (Thin)	A08B-0088-H133	1
	P767508069	FANUC		
4	74401575	Power Port (Thin)	A08B-0088-H203	1
	P767478201	FANUC		
5	74401576	Main Board B2	A08B-0088-H216	1
	P767478196	FANUC		
6	74401577	Fan Adapter (Thin)	A08B-0088-H285	1
	P767478197	FANUC		
7	74401578	CPUB2 (Thin)	A08B-0088-H304	1
	P767478198	FANUC		
8	74401579	Main Memory (Thin)	A08B-0088-H362	1
	P767478199	FANUC		
9	74401580	Storage B1 (Thin)	A08B-0088-H412	1
	P767478200	FANUC		
10	74401581	Touch Panel Port (Thin)	A08B-0088-J042	1
	P767495011	FANUC		
11	74401582	WINDOWS XP EMB	A08B-0088-J580	1
	P362018109	FANUC		
12	74402641	Optical Adapter IO-LINK-I	A13B-0154-B101	4
	P767485938	FANUC		

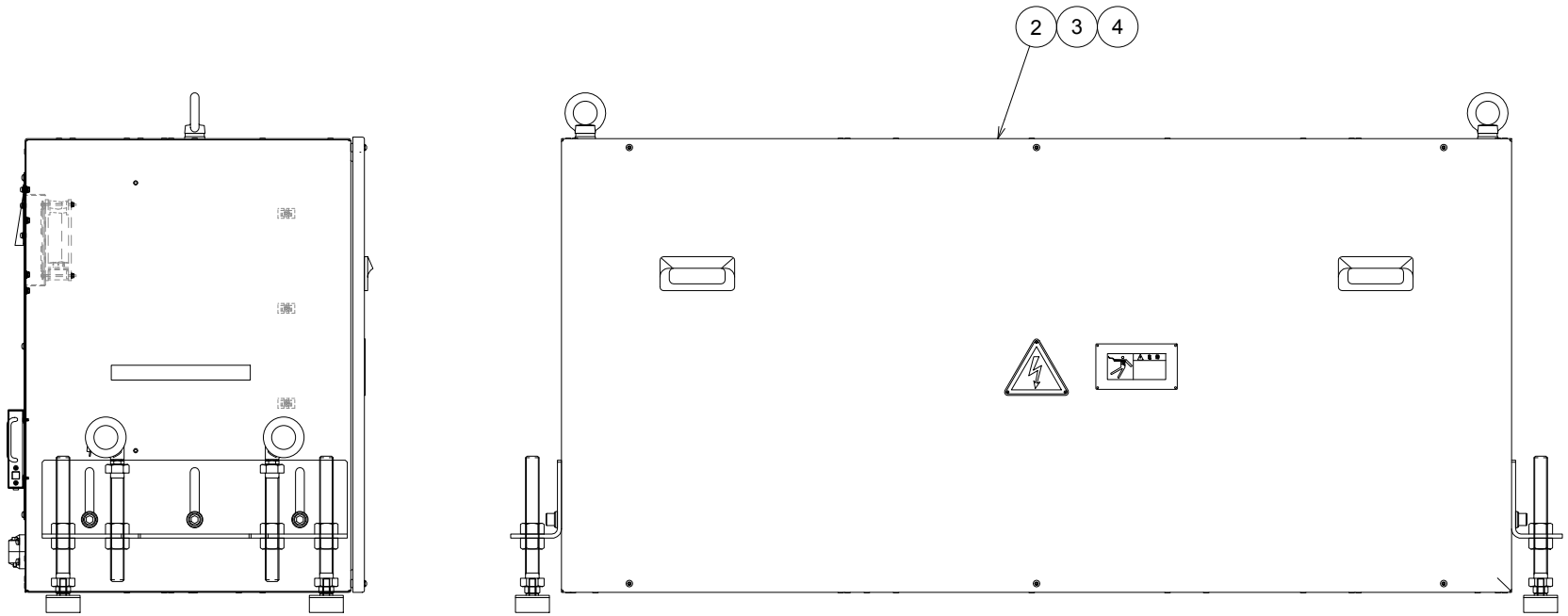


(1) A Amplifier Box Connection Diagram

6791736---
(6791736--A)

Unit No. 238 Control Device <A Amplifier Box Connection Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791736---	A Amplifier Box Connection Diagram	Index 2-5	1
2	74402643 679178401-	Cable A1		1
3	74402644 679178402-	Cable A2		1
4	74402647 679178403-	Cable A3		1
5	74402648 679178404-	Optical Fiber Cable COP7		1

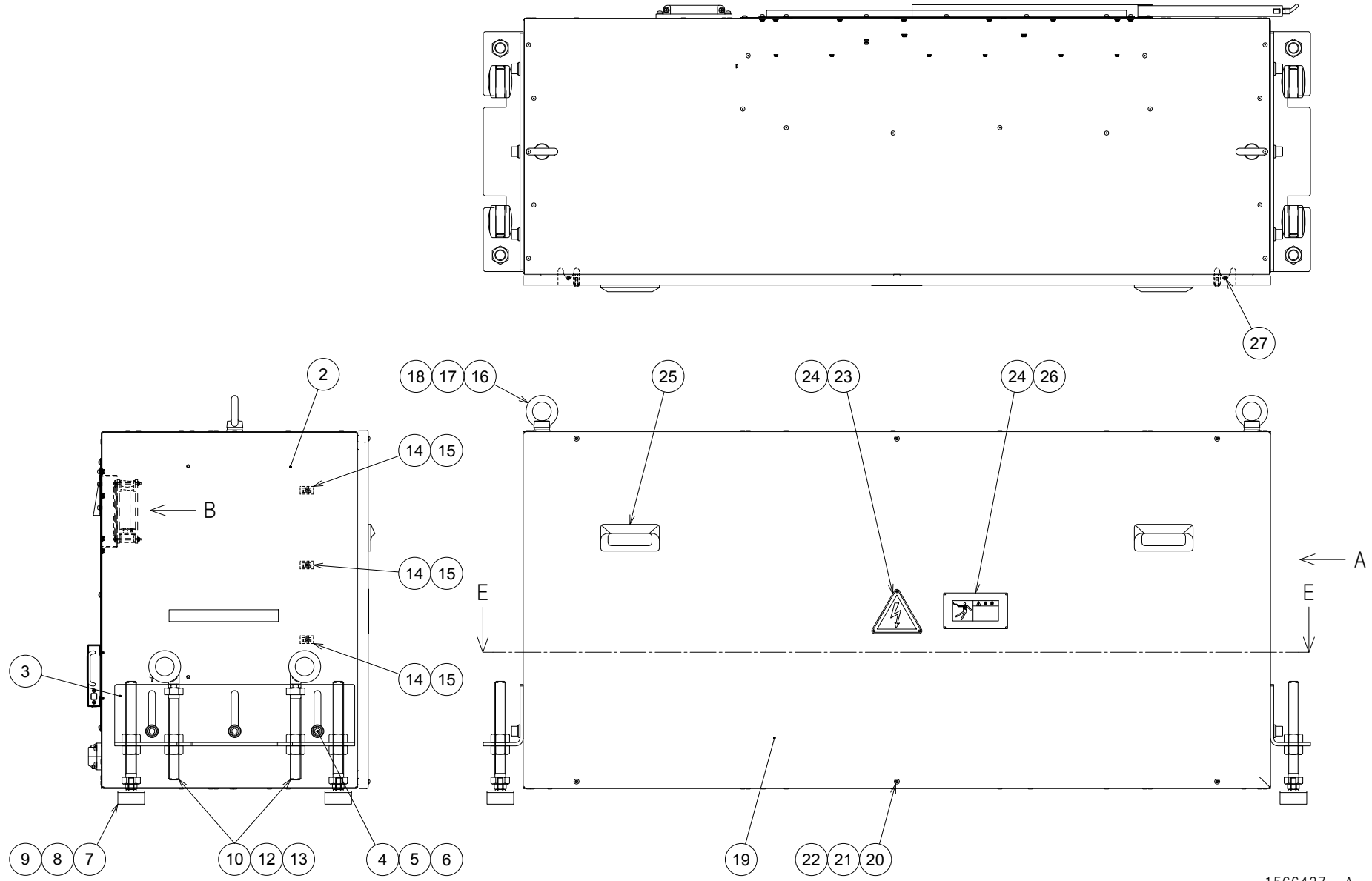


(1) A Amplifier Box ASSY EU

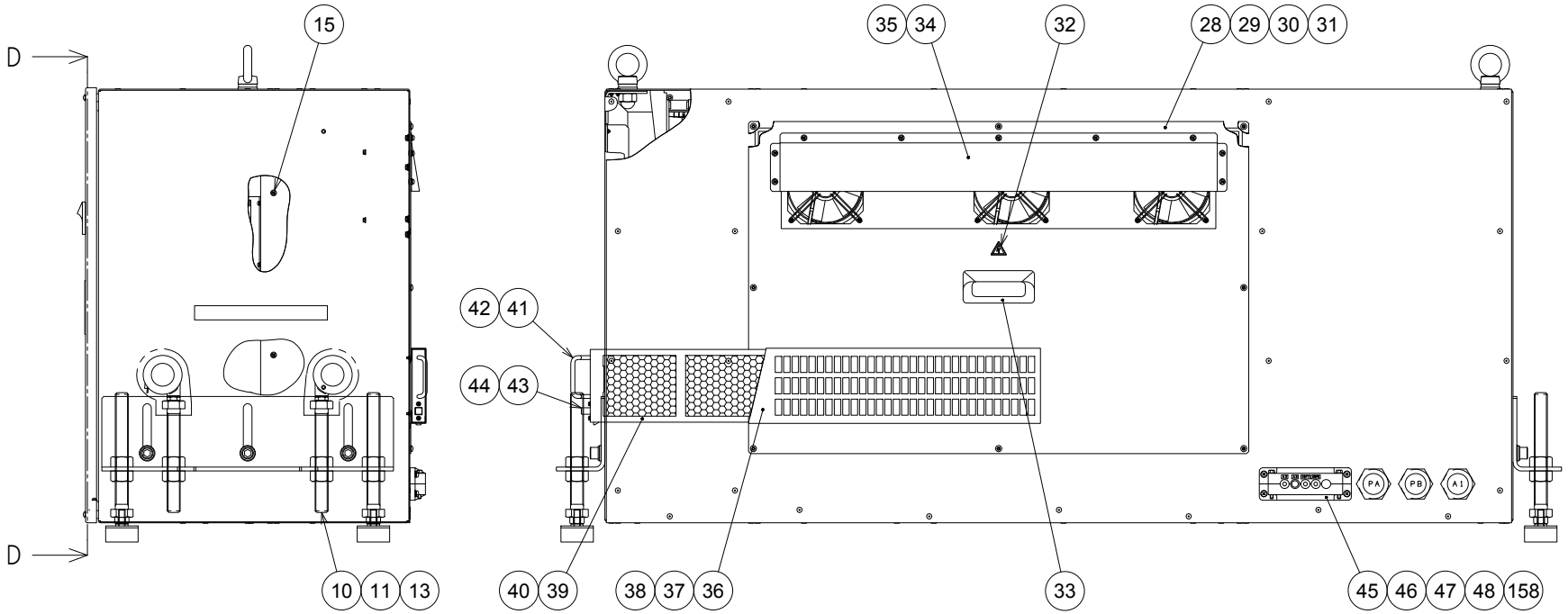
6791737---

Unit No. 239 Control Device <A Amplifier Box ASSY>

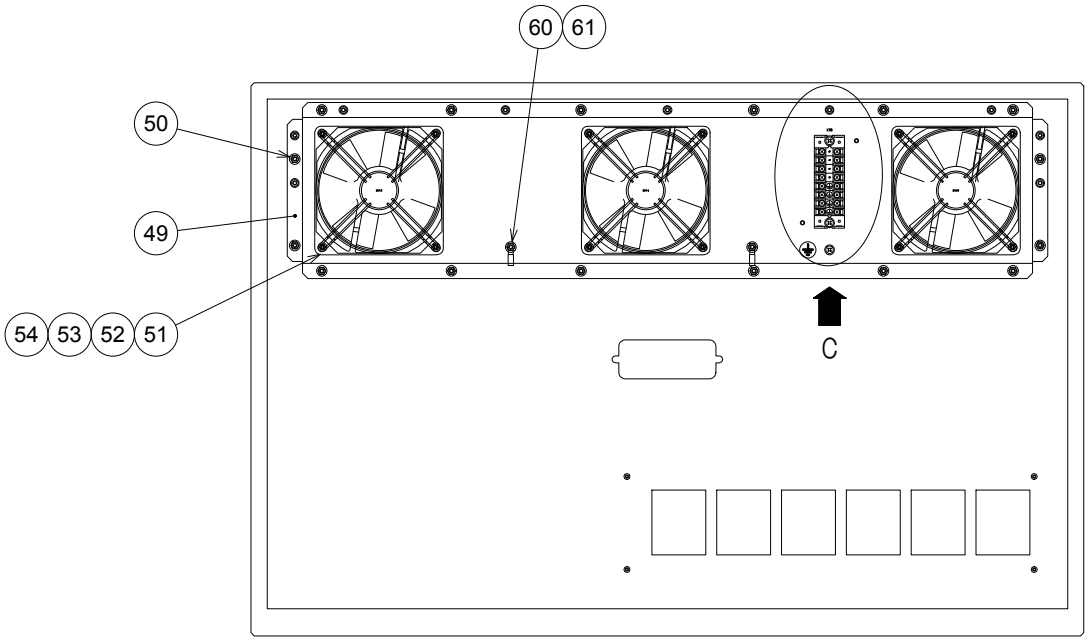
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791737---	A Amplifier Box ASSY EU	Index 2-4	1
2	1566437--A	A Amplifier Box ASSY		1
3	6791749---	F Supplies (A Amplifier Box)		1
4	6709793---	Control Device (Drive 30T)		1



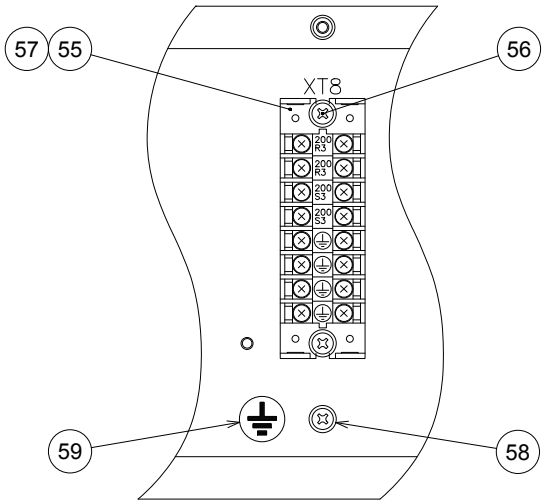
1 A Amplifier Box ASSY



1566437--A
(1566437#1A)
(1566437#2A)

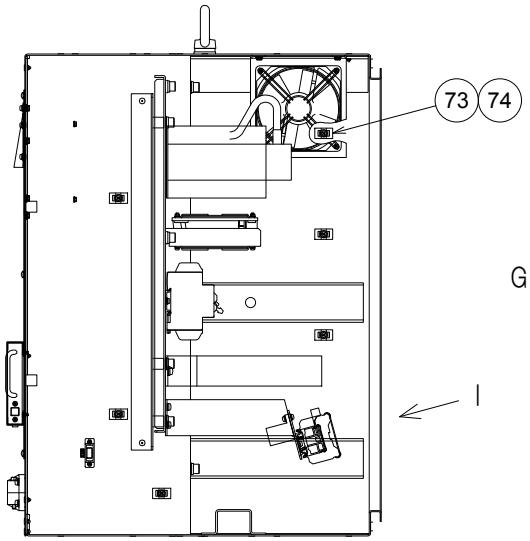


VIEW B

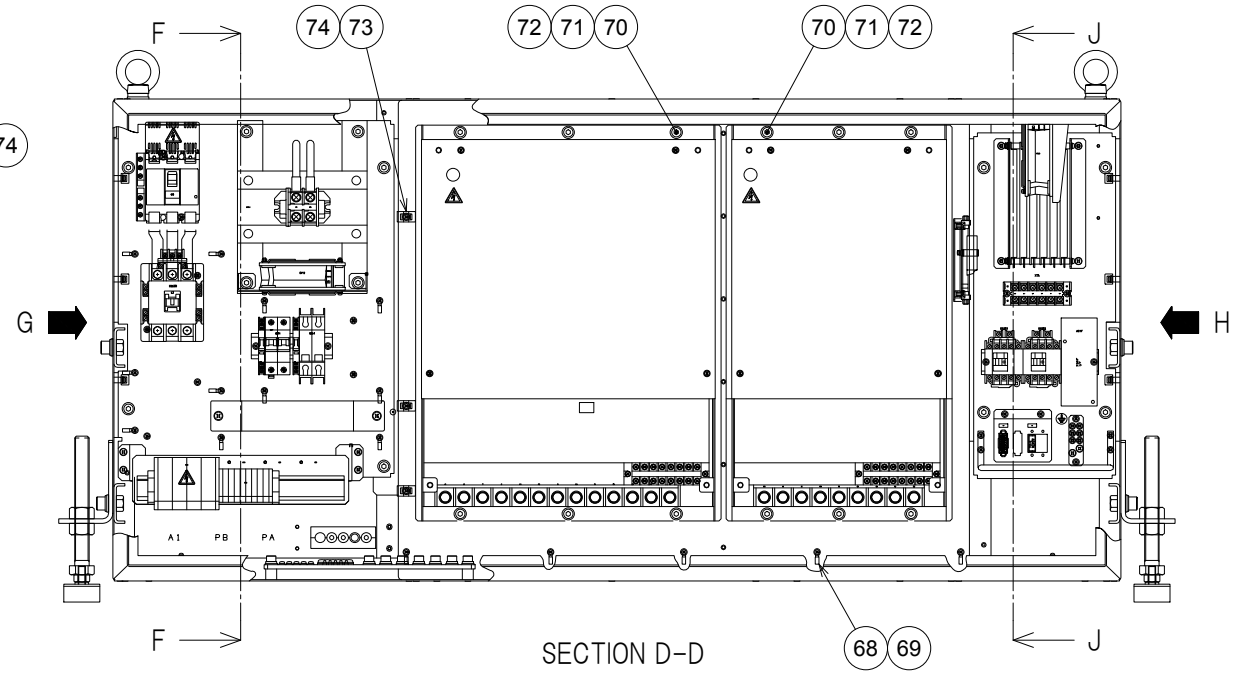


DETAIL C

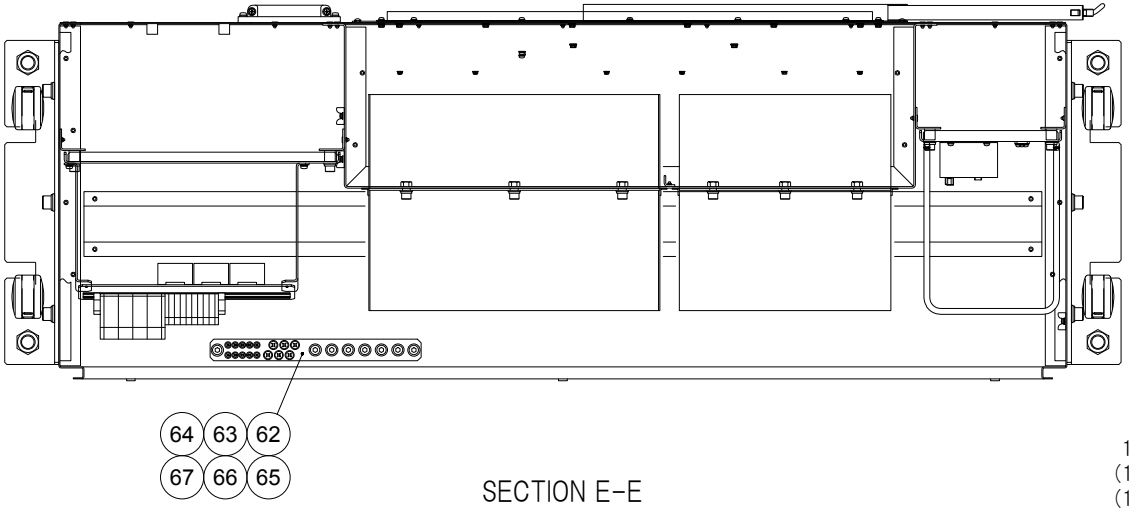
1566437--A
(1566437#1A)
(1566437#2A)



SECTION F-F

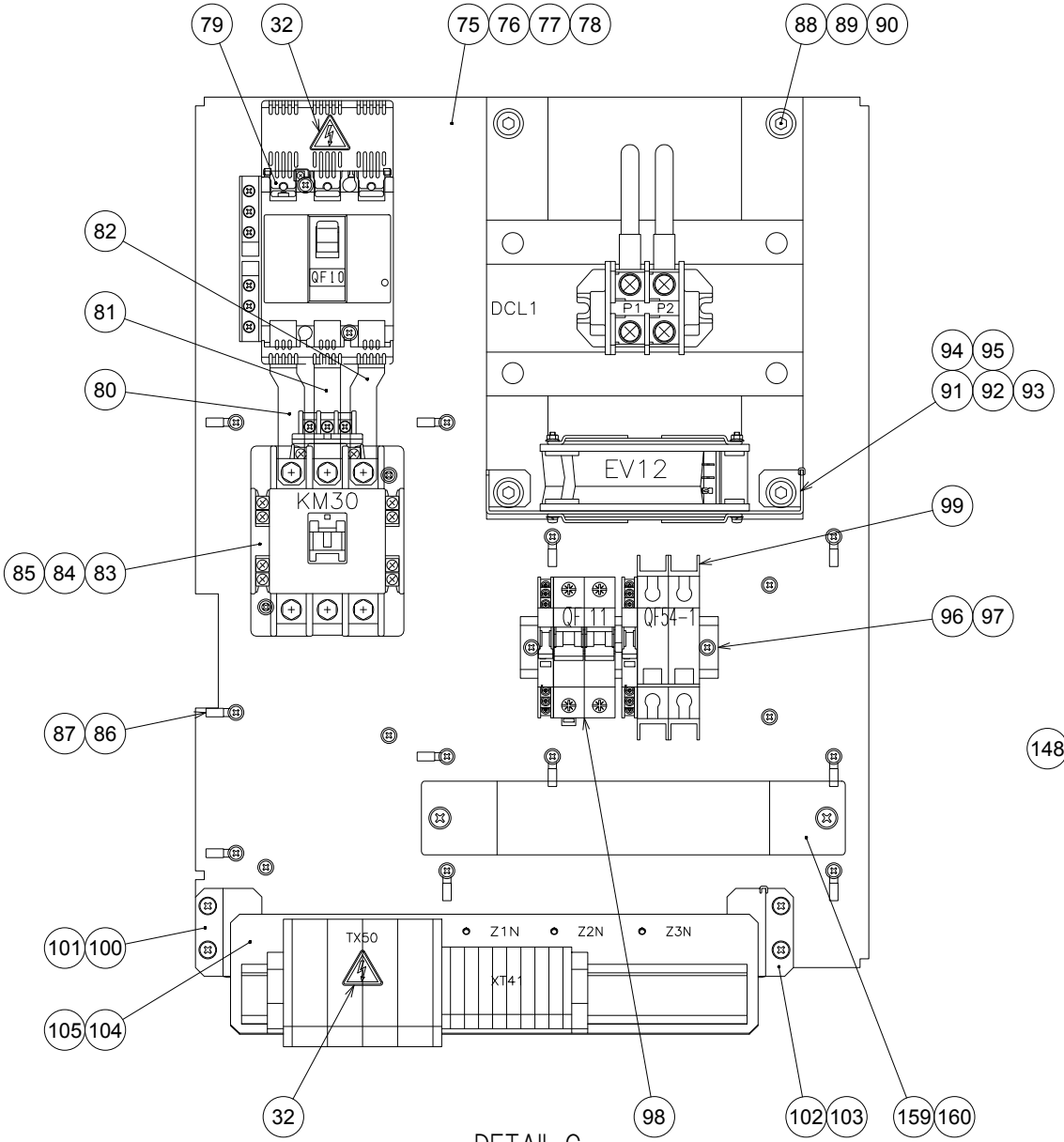


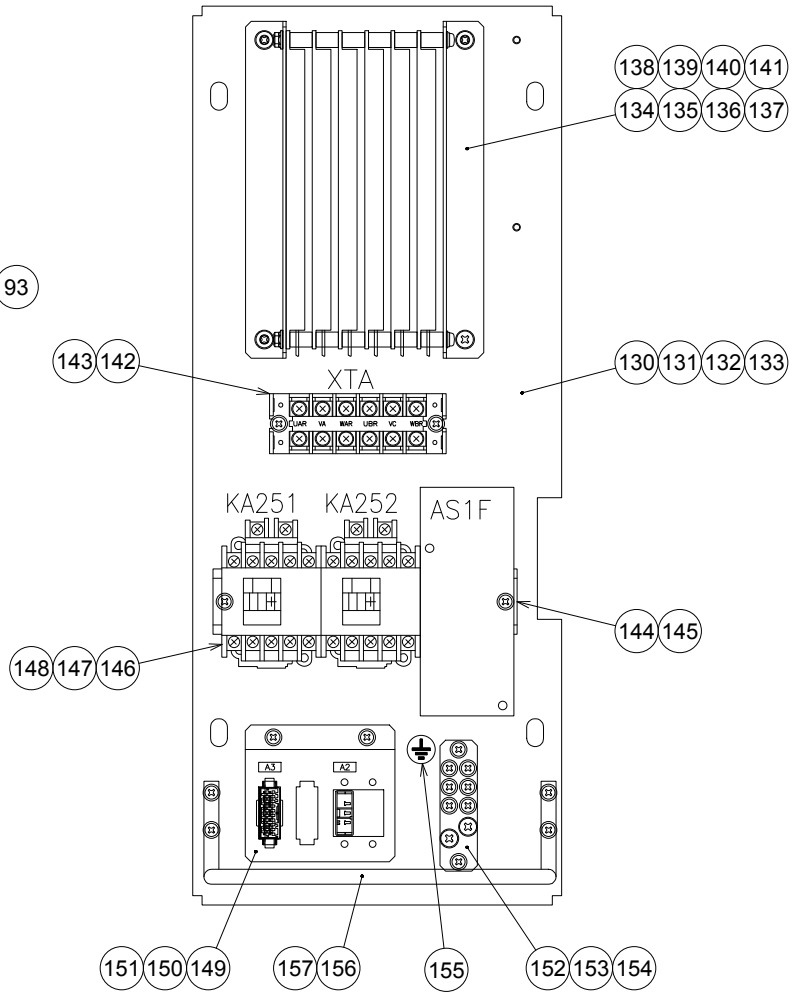
SECTION D-D



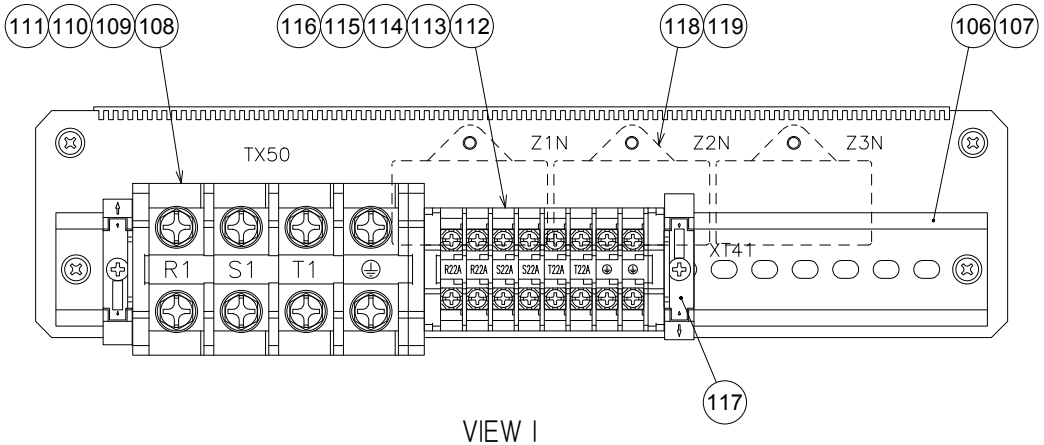
SECTION E-E

1566437--A
(1566437#1A)
(1566437#2A)

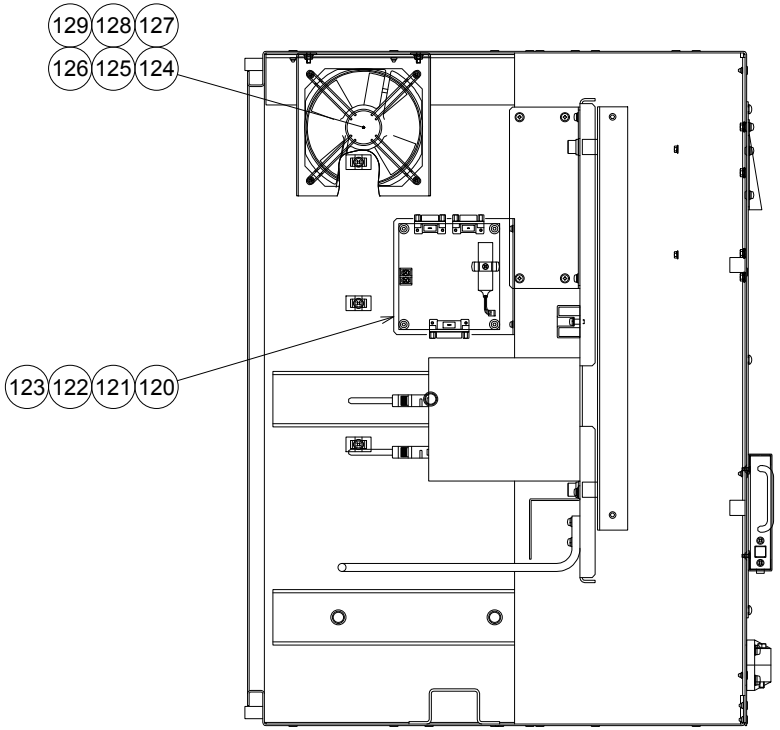




1566437--A
(1566437#1A)
(1566437#2A)



VIEW I



SECTION J-J

1566437--A
(1566437#1A)
(1566437#2A)

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	1566437--A	A Amplifier Box ASSY	Index 2-171	1
2	74901902 1566385--A	A Amplifier Box		1
3	74419319 6705652 A	Base Bracket AMP		2
4	74452127 P330250062	Hex Socket Cap Screw	M12X30(Trivalent Chromate Black)	6
5	74452127 P330250062	Hex Socket Cap Screw	M12X30(Trivalent Chromate Black)	6
6	74452128 P336000145	Washer	12(Normal)-Trivalent Chromium Black	6
7	74418829 6705660	Adjust Screw		4
8	74418828 P382002059	Vibration Isolator KURASHIKI KAKO	KN-50	4
9	74452130 P332000183	Nut	M20(Type-1)-Trivalent Chromate Black	8
10	74418827 6705661	Adjust Screw		4
11	74418825 P384002044	Castor TAKIGEN	K-200GN-60	2
12	74418826 P384002046	Castor TAKIGEN	K-200GNS-60	2

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452130 P332000183	Nut	M20(Type-1)-Trivalent Chromate Black	8
14	74776912 P381058076	Cable Band KITAGAWA	TC-142	3
15	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	5
16	74900815 P338008002	Eyebolt TAKIGEN	B-130-16	2
17	74776854 P336050070	Spring Washer	16(Trivalent Chromium Black)	2
18	74776849 P336000147	Washer	16(Normal)-Trivalent Chromium Black	2
19	74901958 1566438---	A Amplifier Box Cover		1
20	74901770 1566333---	Screw 15	M5X15	6
21	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	6
22	74903160 P334708065	Special Screw NBK	SWAS-5-SC	6
23	74776551 6580900	Charging Mark H=80		1
24	74810881 P339208009	Blind Rivet POP Rivets Fasteners	TAP/D32BS	7

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74810760 P317102015	Pull Lever TAKIGEN	AP-183-2(Black)	2
26	74900957 1566322---	Warning Plate		1
27	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	2
28	74901903 1566387---	Rear Cover A		1
29	74901770 1566333---	Screw 15	M5X15	8
30	74903055 P230035001	Nylon Washer HIROSUGI	NN-0509-08	8
31	74903160 P334708065	Special Screw NBK	SWAS-5-SC	8
32	74776892 P360208002	Charging Mark NIKKOUKAI	20MM	3
33	74810760 P317102015	Pull Lever TAKIGEN	AP-183-2(Black)	1
34	74812111 1564921	Fan Cover 30T		1
35	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	9
36	74812112 1564922	Slide Cover AMP		1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	4
38	74418831 P229178027	Rubber Seal SAKUSHIN Industry	NL-W (Tape) 0.25X20X40M	4
39	74812119 1564929	Filter Cover AMP		1
40	74812120 1564930	Filter AMP		1
41	74418822 P317115009	Pull Lever TOCHIGIYA	THA-32-1	1
42	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
43	74418823 P317445008	Door Closer TOCHIGIYA	TL-135L	1
44	74903144 P334200313	Sems Pan Head Screw	M3X6(Trivalent Chromate Black P-3)	2
45	74812122 P869566001	Cable Multi-Board SANKEI	EMS5(Black)	1
46	74903469 P869576007	Cable Packing SANKEI	EMSP6	3
47	74812126 P869576003	Cable Packing SANKEI	EMSP10	1
48	74776821 P334200256	Sems Pan Head Screw SANKO Industry	M5X16(Chromate P-4)	4

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74812109 1564919	Fan Plate 30T		1
50	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	16
51	74560720 P538002028	Fan SANYO Electric	109S078UL	3
52	74568782 P538072015	Accessory for Fan SANYO Electric	109-019E	3
53	74452274 P334200357	Sems Pan Head Screw	M3X50(Trivalent Chromate White P-3)	12
54	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	12
55	74903448 P864004037	Block Terminal KIMDEN	TSU-615-8P	1
56	74489951 P334200305	Sems Pan Head Screw	M4X12(Trivalent Chromium White P-4)	2
57	74614166 P864052020	Terminal Parts IDEC	BNJ26FW	2
58	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
59	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
60	74453858 P381058148	Cable Band SHINAGAWA	CS-7U	2

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
62	74812108 1564918	Ground Bar 30T		1
63	74489951 P334200305	Sems Pan Head Screw	M4X12(Trivalent Chromium White P-4)	10
64	74451997 P334200343	Sems Pan Head Screw	M6X12(Trivalent Chromate White P-3)	6
65	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	8
66	74183103 P336050006	Spring Washer JIS	8	8
67	74716207 P336000037	Washer JIS	8(Polished Round)	8
68	74453858 P381058148	Cable Band SHINAGAWA	CS-7U	5
69	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	5
70	74903125 P330230080	Hex Socket Cap Screw	M8X20(Trivalent Chromate Black)	12
71	74183103 P336050006	Spring Washer JIS	8	12
72	74716207 P336000037	Washer JIS	8(Polished Round)	12

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74776912 P381058076	Cable Band KITAGAWA	TC-142	9
74	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	9
75	74901904 1566388---	Chassis L		1
76	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	4
77	74183103 P336050006	Spring Washer JIS	8	4
78	74716207 P336000037	Washer JIS	8(Polished Round)	4
79	74903404 P812004271	Low Voltage Breaker FUJI Electric	BW100EAGU-3P100WA	1
80	74812146 1564942	Copper Bar L AMP		1
81	74812147 1564943	Copper Bar C AMP		1
82	74812148 1564944	Copper Bar R AMP		1
83	74417655 P810004088	Magnet Contactor FUJI Electric	SC-N3/T-AC100V	1
84	74417615 P810014053	Accessory for Contactor FUJI Electric	SZ-CD4 (Coil Drive Unit for IC Output)	1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	2
86	74453858 P381058148	Cable Band SHINAGAWA	CS-7U	11
87	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	11
88	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	4
89	74183103 P336050006	Spring Washer JIS	8	4
90	74716207 P336000037	Washer JIS	8(Polished Round)	4
91	74901905 1566389---	Fan Bracket		1
92	74560720 P538002028	Fan SANYO Electric	109S078UL	1
93	74568782 P538072015	Accessory for Fan SANYO Electric	109-019E	2
94	74452274 P334200357	Sems Pan Head Screw	M3X50(Trivalent Chromate White P-3)	4
95	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	4
96	74578244 P864032074	Terminal Base IDEC	BAA1000(112.5)	1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
98	74903412 P812128313	Low Voltage Breaker MURA Electric	FAZ-C10/2+FAZ-XHIN11	1
99	74903416 P812128318	Low Voltage Breaker MURA Electric	FAZ-D2/2-RT+Z-NHK	1
100	74901906 1566390---	TB Bracket L		1
101	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	2
102	74901907 1566391---	TB Bracket R		1
103	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	2
104	74901908 1566392---	TB Plate		1
105	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
106	74903455 P864032095	Terminal Base IDEC	BAA1000(288)	1
107	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
108	74903446 P864002030	Block Terminal IDEC	BN75W	4

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74903460 P864052023	Terminal Parts IDEC	BNE75W	2
110	74417659 P864072051	Terminal Label IDEC	BNM7(80)	1
111	74417622 P864062137	Terminal Cover IDEC	BNC420(90)	1
112	74340828 P864002026	Block Terminal IDEC	BN15MW	8
113	74614165 P864052019	Terminal Parts IDEC	BNE15W	2
114	74903464 P864072094	Terminal Label IDEC	BNM7(64)	1
115	74417675 P864062121	Terminal Cover IDEC	BNC230(74)	1
116	74614166 P864052020	Terminal Parts IDEC	BNJ26FW	4
117	74342638 P864052008	Terminal Parts IDEC	BNL6	2
118	74417678 P840042013	Noise Filter OKAYA	3XYEB-105104	3
119	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	3
120	74813088 1564998	I/F Board Bracket		1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
121	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	2
122	74417670 P379818004	Lithium Battery TOSHIBA	ER6V-C4	1
123	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
124	74901909 1566393---	Fan Bracket T		1
125	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2
126	74560720 P538002028	Fan SANYO Electric	109S078UL	1
127	74568782 P538072015	Accessory for Fan SANYO Electric	109-019E	2
128	74452274 P334200357	Sems Pan Head Screw	M3X50(Trivalent Chromate White P-3)	4
129	74614118 P332040013	Hex Nut with Flange	M3(Trivalent Chromium White)	4
130	74901910 1566394---	Chassis R		1
131	74900798 P330230081	Hex Socket Cap Screw	M8X16(Trivalent Chromium White)	4
132	74183103 P336050006	Spring Washer JIS	8	4

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
133	74716207 P336000037	Washer JIS	8(Polished Round)	4
134	74901911 1566395---	R Bracket L		1
135	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	2
136	74901912 1566396---	R Bracket R		1
137	74903146 P334200336	Sems Pan Head Screw	M5X8(Trivalent Chromium White P-3)	2
138	74903434 P841008003	Resistor IWAKI MUSEN	RF100-5 Ohm J	6
139	74903346 P631408210	Strut Parts HIROSUGI	BSB-412E	24
140	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	4
141	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	4
142	74417734 P864004040	Block Terminal KIMDEN	TSU-625C-6P	1
143	74489951 P334200305	Sems Pan Head Screw	M4X12(Trivalent Chromium White P-4)	2
144	74811133 P864032139	Terminal Base IDEC	BAA1000(162.5)	1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
145	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
146	74418854 P810004133	Magnet Contactor FUJI Electric	SH-5H/Z208-AC200V	1
147	74903403 P810014036	Accessory for Contactor FUJI Electric	SZ-T2 (Terminal Cover)	1
148	74777212 P810184004	Accessory (Magnet Switch) FUJI Electric	SZ-Z5	1
149	74901913 1566397---	Connector Panel A		1
150	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
151	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2
152	74901914 1566398---	Ground Bar A		1
153	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	8
154	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	2
155	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
156	74901915 1566399---	Harness Support A		1

Unit No. 240 Control Device <A Amplifier Box ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
157	74452278 P334200332	Sems Pan Head Screw	M4X16(Trivalent Chromium White P-4)	4
158	74812124 P869576001	Cable Packing SANKEI	EMSP0	1
159	74903433 P840038009	Ferrite Core HITACHI Metals	FT-3KMF200160PB	1
160	74451997 P334200343	Sems Pan Head Screw	M6X12(Trivalent Chromate White P-3)	2
161	74562972 P840038001	Ferrite Core TDK	ZCAT3035-1330 List Only	3
162	74812130 156496001	WP57	List Only	1
163	74901916 156640001-	WP58	List Only	1
164	74901917 156640002-	WP59	List Only	1
165	74901918 156640003-	WP71	List Only	1
166	74901919 156640004-	WP72	List Only	1
167	74901920 156640005-	WP74	List Only	1
168	74812141 156496012	WP78	List Only	1

Unit No. 240 Control Device <A Amplifier Box ASSY>

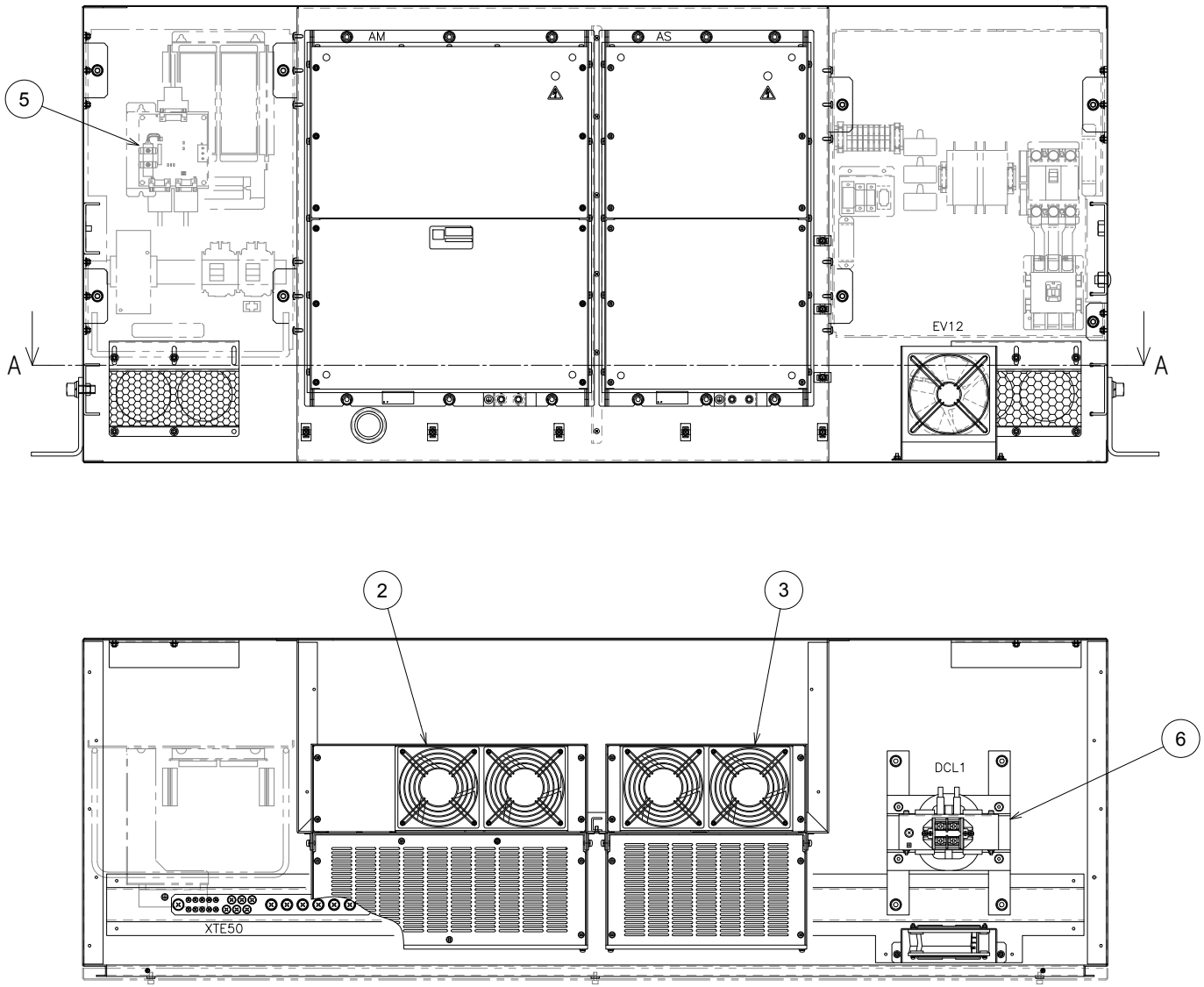
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
169	74901921	Cable A2B		1
	156640006-		List Only	
170	74901922	Cable CP11L		1
	156640007-		List Only	
171	74901923	Lead Cable List (A Amplifier)		1
	156640008A		List Only	

< List Only >

6791749---

Unit No. 241 Control Device <F Supplies (A Amplifier Box)>

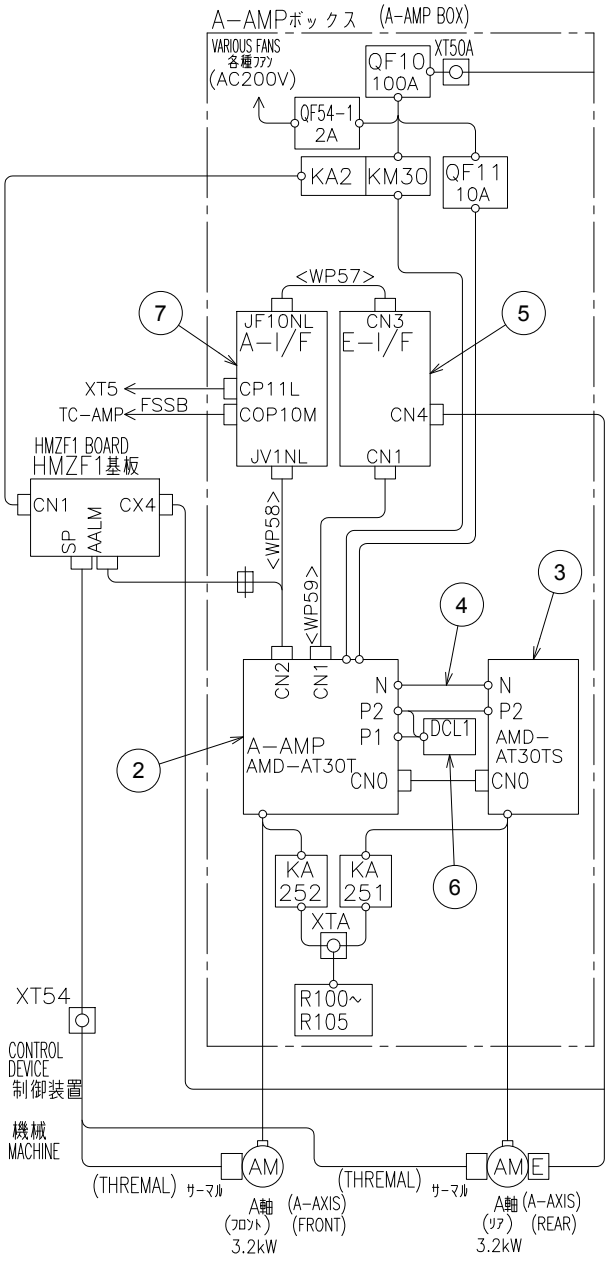
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (A Amplifier Box)		1
	6791749---		Index 23	
2	74401554	Analog Servo IF	A02B-0323-C180	1
	P767478164	FANUC		
3	74418543	Optical Fiber Cable	A66L-6001-0026#L10R03	1
	P345008012	FANUC		



(1) Control Device (Drive 30T)

SECTION A-A

6709793---
(6792211---)



6709793---
(679170247)

Unit No. 242 Control Device <Control Device (Drive 30T)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6709793---	Control Device (Drive 30T)	Index 2-7	1
2	74902155 7856133--A	30T Servo Amplifier (Master)		1
3	74414957 7856134	30T Servo Amplifier (Slave)		1
4	74902156 7856135	Communication Cable (Master Slave)		1
5	74414951 7856136	Encoder Interface Board		1
6	74414958 7856138	30T DC Reactor		1
7	74902154 7856122--B	Servo Amplifier		1

< List Only >

6791720---

Unit No. 243 Control Device <Servo Motor>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Servo Motor		1
	6791720---		Index 2-5	
2	74417456	Servo Motor	A06B-0275-B101	2
	P714018173	FANUC		
3	74450489	Servo Motor AM22I	A06B-0265-B100	1
	P714018202	FANUC		
4	74571250	Accessory (Program Controller)	A06B-0247-B200	1
	P767485247	FANUC		
5	74471003	Servo Motor	A06B-0243-B100	1
	P714018190	FANUC		

< List Only >

6791726---

Unit No. 244 Control Device <Control Device (Changer)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791726---	Control Device (Changer)	Index 23	1
2	6791722---	Servo Motor (Changer)		1
3	6791741---	F Supplies (Changer)		1

< List Only >

6791722---

Unit No. 245 Control Device <Servo Motor (Changer)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Servo Motor (Changer)		1
	6791722---		Index 2-5	
2	74900608	Servo Motor	A06B-0075-B203	2
	P714018240	FANUC		
3	74900609	Servo Motor	A06B-0075-B403	1
	P714018303	FANUC		
4	74471004	Servo Motor	A06B-0116-B103	1
	P714018205	FANUC		
5	74900607	Servo Motor	A06B-0115-B103	1
	P714018178	FANUC		

< List Only >

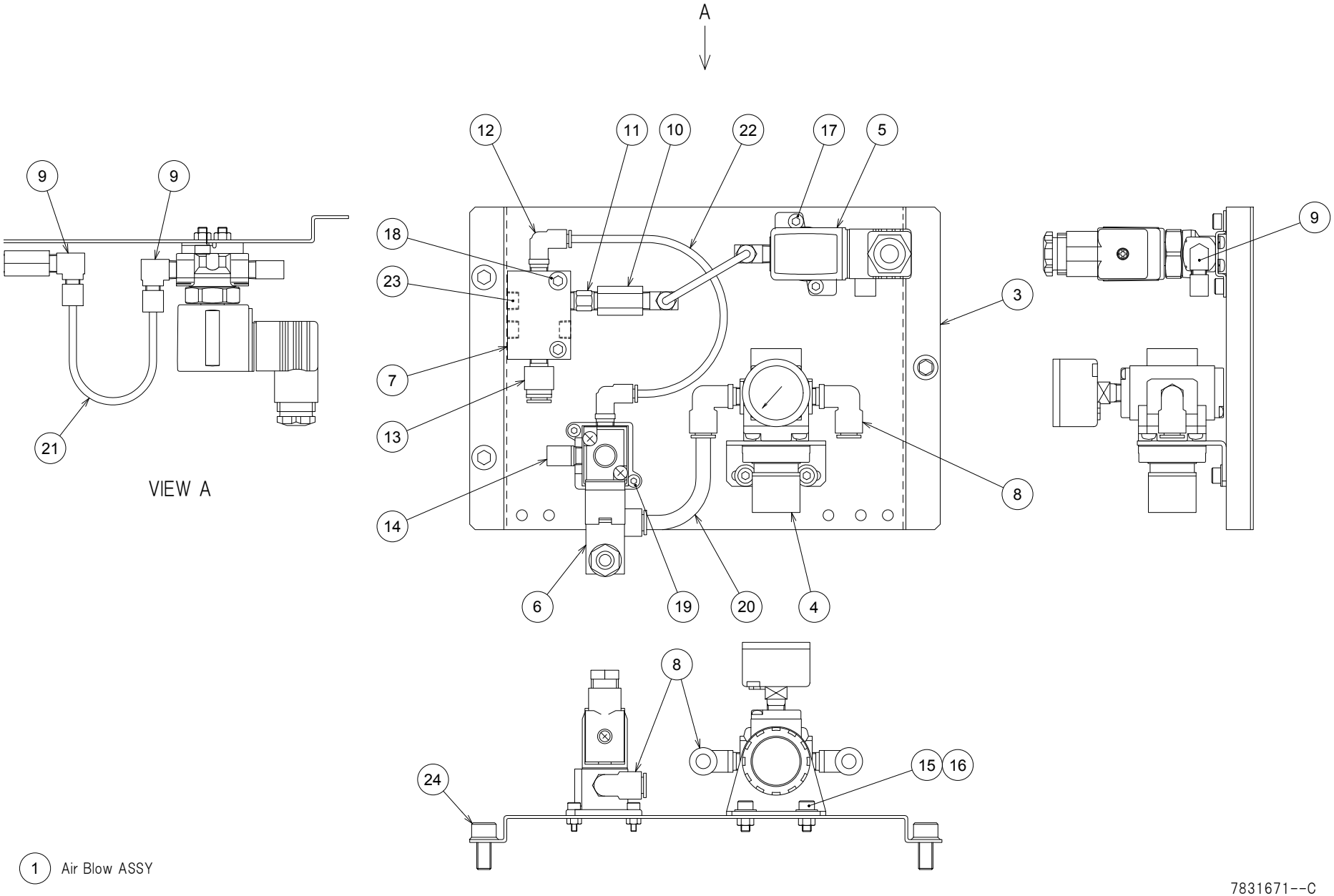
6791741---

Unit No. 246 Control Device <F Supplies (Changer)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (Changer)		1
	6791741---		Index 2-23	
2	74402651	Servo Amplifier	A06B-6240-H205	1
	P767108172	FANUC		
3	74402653	Servo Amplifier	A06B-6240-H305	1
	P767108188	FANUC		
4	74777116	Accessory for Servo Amplifier	A06B-6078-K803	2
	P767118001	FANUC		
5	74567385	Optical Fiber Cable	A02B-0236-K851	1
	P345008003	FANUC		
6	74777193	Display	AGP3300H-S1-D24-RED	1
	P767508048	Digital		
7	74902158	Bar Code Reader	THIR-6200DDM	1
	7856158---	TOHKEN	with Index 8	
8	74902958	USB / Power Junction Cable	CA-3000U	1
	SPT0184---	TOHKEN		
9	74903186	Network Cable	KB-T5M-05K	1
	P342658048	SANWA SUPPLY		
10	74902157	Bar Code Reader	SR-600HA-AMD-00	1
	7856157---	KEYENCE	with Index 11-13	
11	74903367	Correspondence Unit (Ethernet)	N-L1	1
	P767478170	KEYENCE		
12	74902959	Bar Code Reader	SR-600HA	1
	SPT0185---	KEYENCE		

Unit No. 246 Control Device <F Supplies (Changer)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902960 SPT0186---	Extension Cable 5m KEYENCE	NX-C05R	1
14	74902077 6791199---	Operating Pendant Cable		1
15	74903378 P767485830	External Touch Panel I/F FANUC	A02B-0327-J685	1
16	74903196 P362018053	Handy Pulsar 2/3 FANUC	A02B-0327-J836	1
17	74402329 P767605004	I/O Module B1 FANUC	A03B-0824-K202	1
18	74777117 P767118002	Accessory for Servo Amplifier FANUC	A06B-6050-K060	1
19	74777118 P767118003	Accessory for Servo Amplifier FANUC	A06B-6050-K061	1
20	74903394 P767485846	PMC Axis Control Acceleration FANUC	A02B-0327-R640	1
21	74810925 P345008021	Optical Fiber Cable FANUC	A66L-6001-0026#L3R003	1
22	74903438 P842068037	Fuse FANUC	A03B-0815-K001	1
23	74777248 P842068025	Fuse FANUC	A06B-6073-K250	2



(1) Air Blow ASSY

7831671--C

Unit No. 247 Air Blow

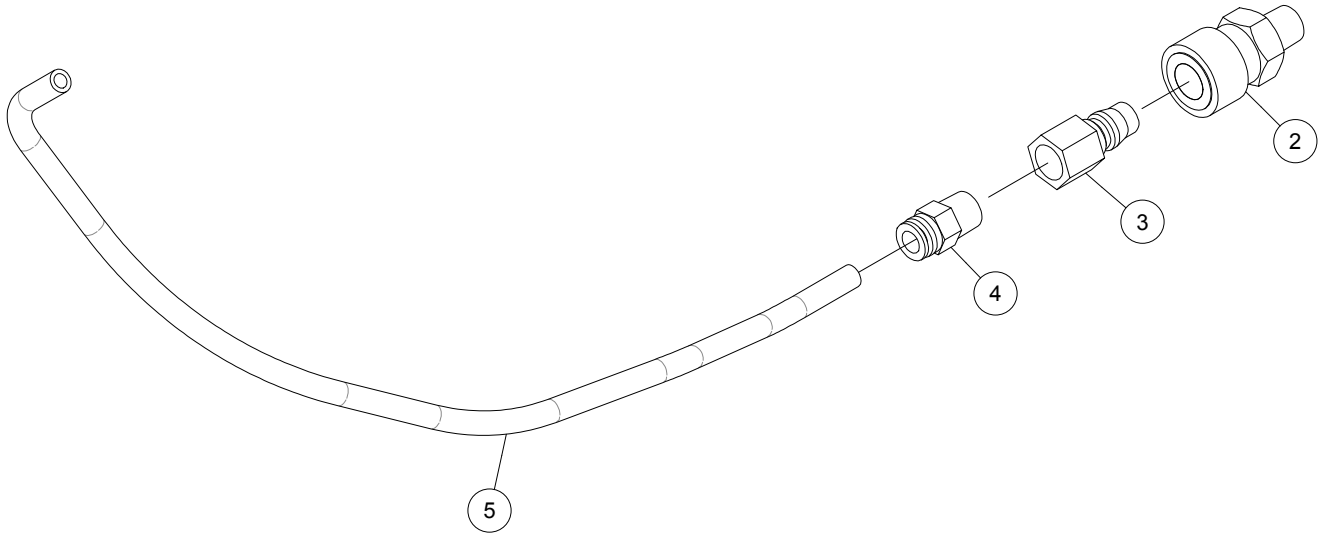
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00371---	Air Blow ASSY	Index 2-25	1
2	74902115 7831671--C	Solenoid ASSY KANTO	Index 3-23	1
3	74902961 SPT0187---	Bracket	t=1.6	1
4	74613409 SPT0012---	Regulator SMC	AR20-01BG-R	1
5	74902962 SPT0188---	Solenoid Valve (Oil) SMC	VX2110-01-5D1-B	1
6	74613411 SPT0014---	3 Port Solenoid Valve SMC	VT307-5D-01-F-Q	1
7	74613287 S420273---	Mixing Block LUBE	JV-6D	1
8	74451528 P586563123	One Touch Fitting SMC	KQ2L08-01S (Reducer Elbow)	3
9	74903313 P585068007	Bite Type Pipe Fitting SMC	DL04-01 (Male Elbow)	3
10	74452874 SPT0016---	Coupling LUBE	KP-RR	1
11	74613292 S420280---	Flow Unit LUBE	HTU3	1
12	74903330 P586563202	One Touch Fitting SMC	KQ2L04-01S	2

Unit No. 247 Air Blow

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613231 P586533113	One Touch Fitting SMC	KQ2H08-01S	1
14	74368207 P557032003	Silencer	AN103-01	1
15	74300614 P330210004	Hex Socket Cap Screw	M5X12	2
16	74903162 P336000072	Washer	45(Normal)	2
17	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
18	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
19	74159710 P330200016	Hex Socket Cap Screw	M4X12	2
20	74902897 S420276---	Plastic Hose SMC	TU0805B	1
21	74902898 S420277---	Plastic Hose SMC	T0425B	1
22	74613418 SPT0021---	Plastic Hose SMC	TU0425B	1
23	74902963 SPT0189---	Plug SMC	RC1/4	3
24	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

Unit No. 247 Air Blow

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74902290	Cable ARB2		1
	MA01548--B		List Only	

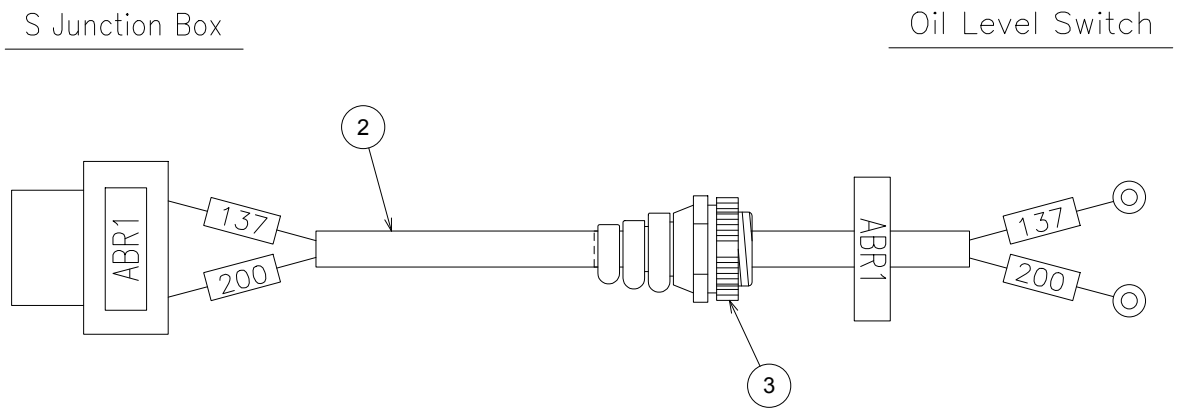


(1) Piping ASSY

MA01546---

Unit No. 248 Air Blow <Piping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Piping ASSY		1
	MA01546---		Index 2-5	
2	74613870	Quick Connect Joint	KK130S-02MS (Socket)	1
	P589028046	SMC		
3	74613871	Quick Connect Joint	KK130P-02F (Plug)	1
	P589028047	SMC		
4	74900592	One Touch Fitting	KQ2H08-02S	1
	P586533115	SMC		
5	74903081	Plastic Hose	TU0805B-1.0M	1
	P230235020	SMC		

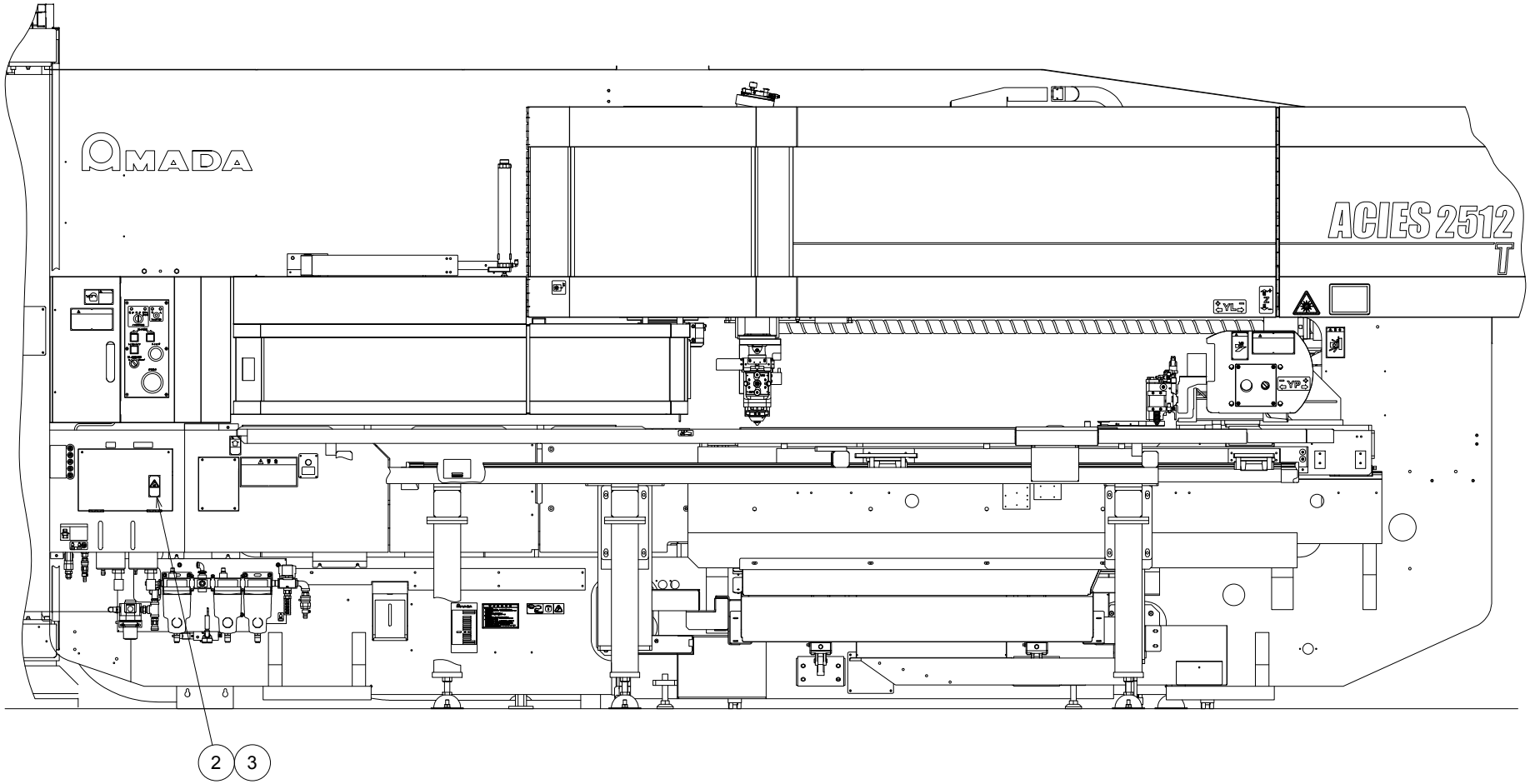


(1) Electric ASSY

MA01547--A

Unit No. 249 Air Blow <Electric ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Electric ASSY		1
	WA00374---		Index 23	
2	74902289	Cable ARB1		1
	MA01547--A		with Index 3	
3	74712711	Accessory for Conduit	OA-1	1
	P866103001	OHM Electric		

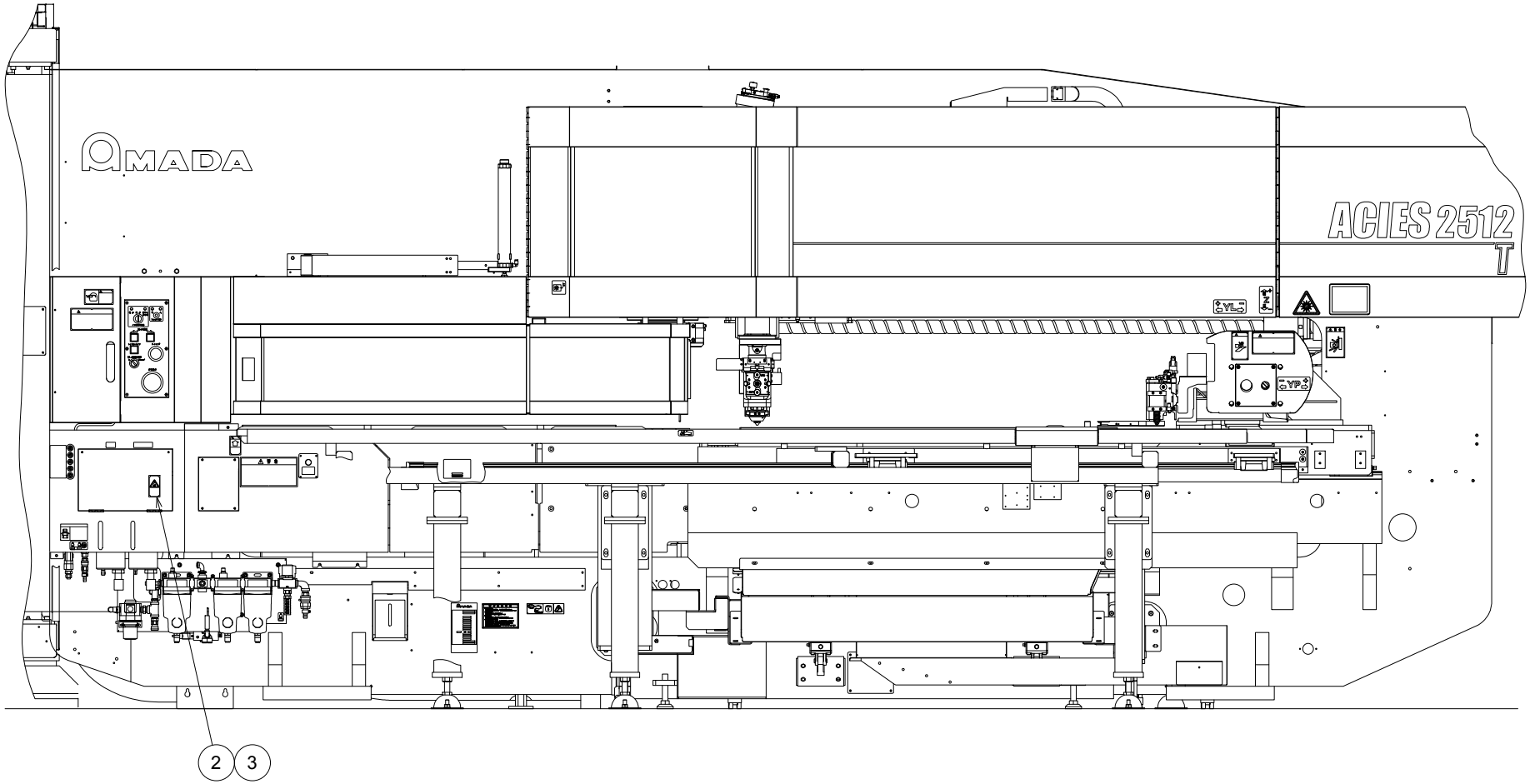


(1) Warning Plate ASSY

3831124
(MA04050#1-)

Unit No. 250 Air Blow <Warning Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Warning Plate ASSY		1
	3831124		Index 23	
2	74740847	Warning Plate		1
	3831116			
3	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		

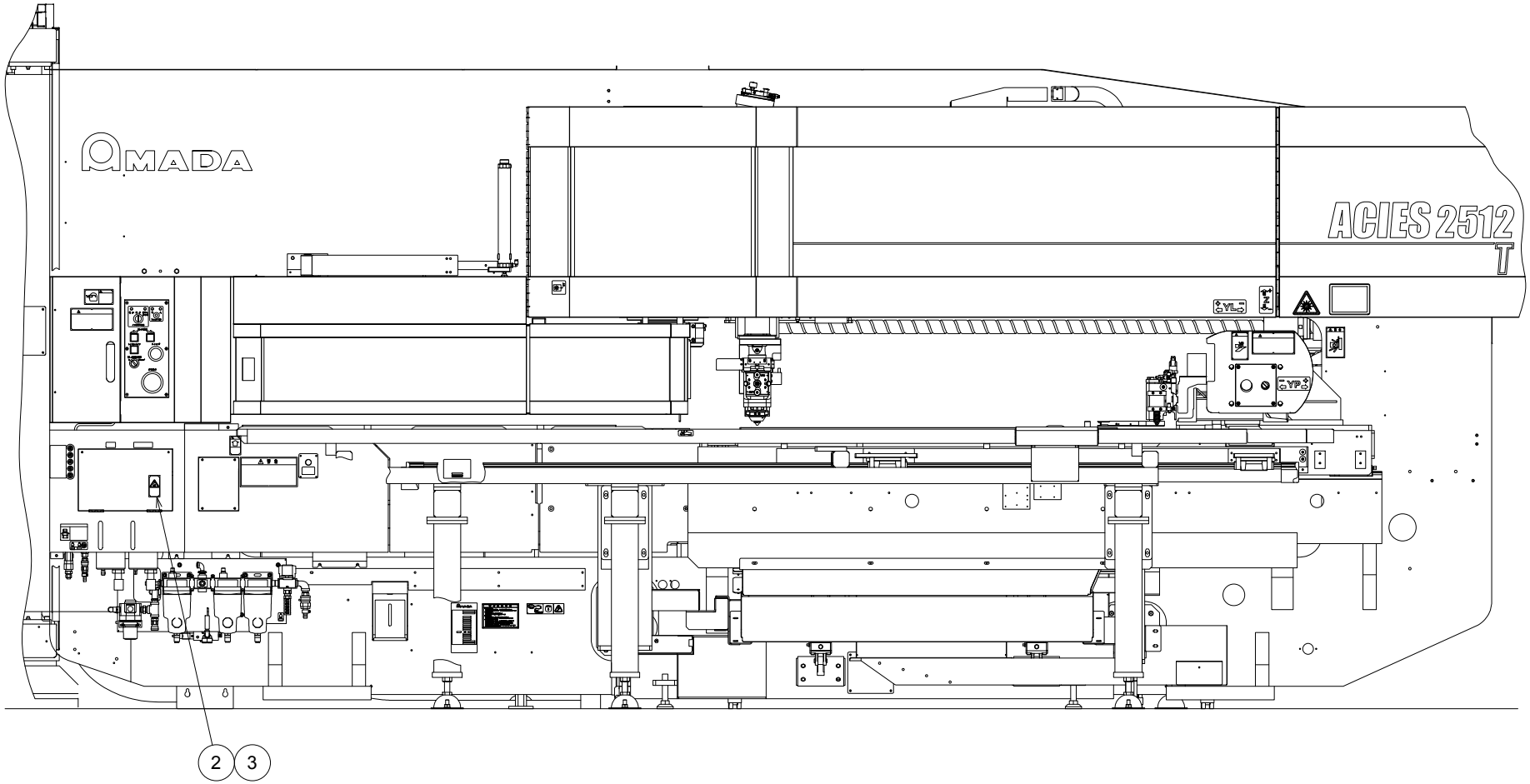


(1) Warning Plate ASSY E

3831125
(MA04050#1-)

Unit No. 251 Air Blow <Warning Plate ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Warning Plate ASSY E		1
	3831125		Index 23	
2	74813122	Warning Plate ENG		1
	3831117			
3	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		

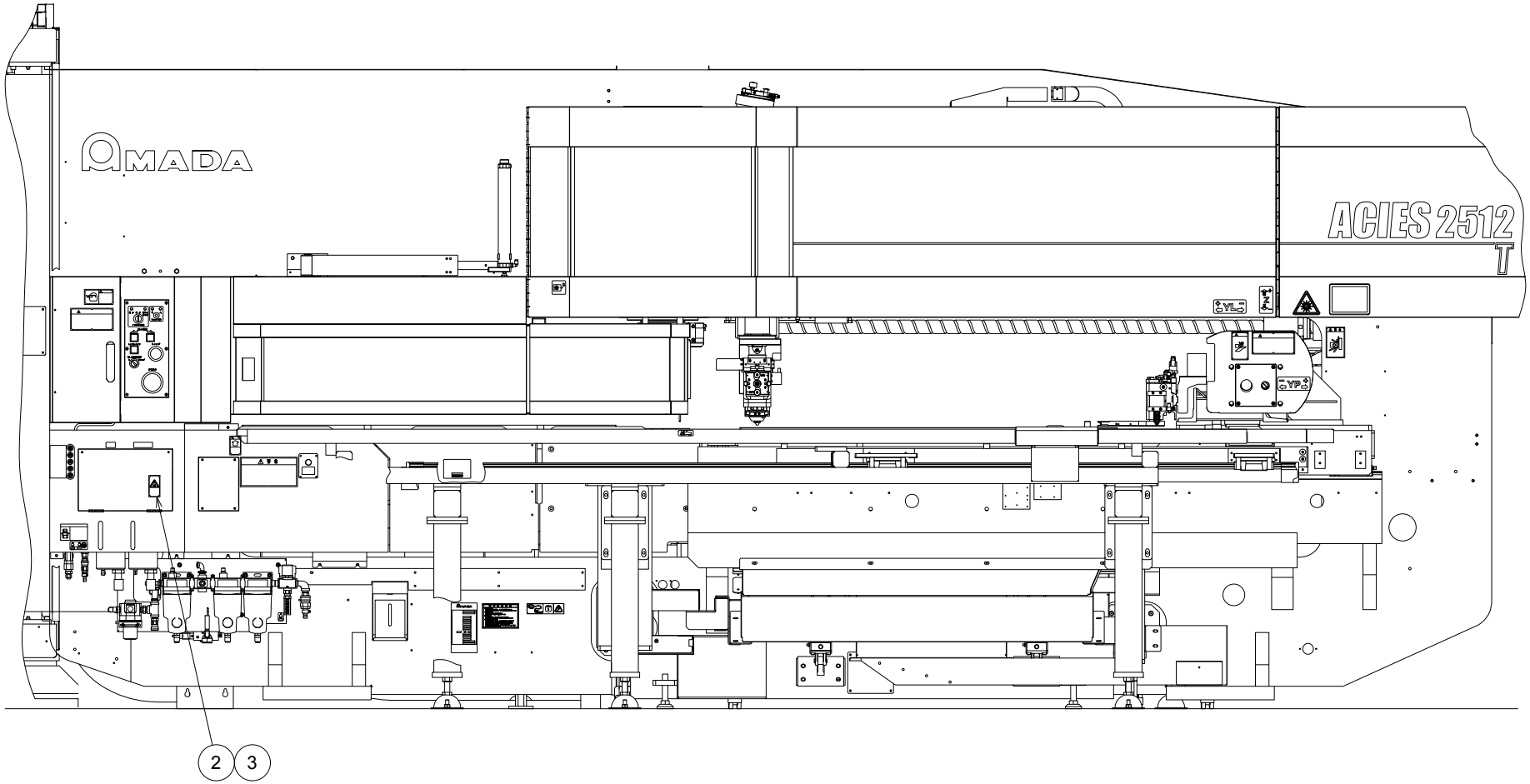


(1) Warning Plate ASSY C

3831126
(MA04050#1-)

Unit No. 252 Air Blow <Warning Plate ASSY C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Warning Plate ASSY C		1
	3831126		Index 23	
2	74813121	Warning Plate CHI		1
	3831118			
3	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		

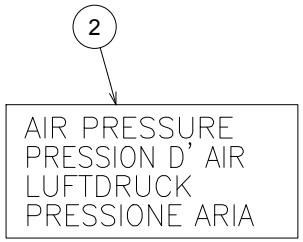


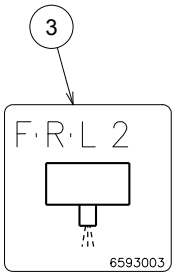
(1) Warning Plate ASSY CE

3831127
(MA04050#1-)

Unit No. 253 Air Blow <Warning Plate ASSY CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Warning Plate ASSY CE		1
	3831127		Index 23	
2	74813226	Warning Plate CE		1
	3831119			
3	74326603	Blind Rivet	NTA3-2	4
	P339208001	LOBTEX		



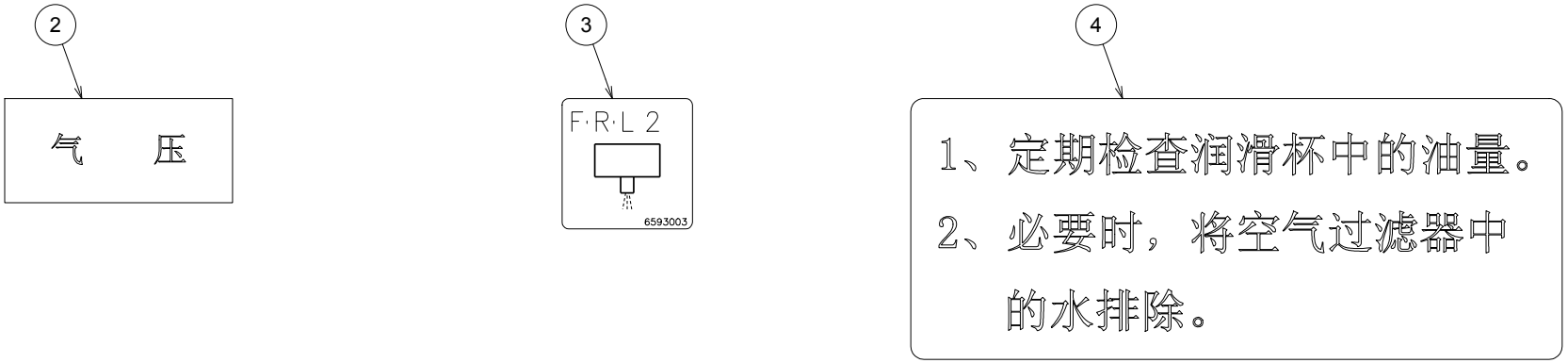


(1) Name Plate ASSY E

3804733

Unit No. 254 Air Blow <Name Plate ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3804733	Name Plate ASSY E	Index 2-4	1
2	74386340 / 6045138 A	Name Plate		2
3	74383832 / 6593003	Name Plate		1
4	74388268 / 6502766 C	Name Plate		1

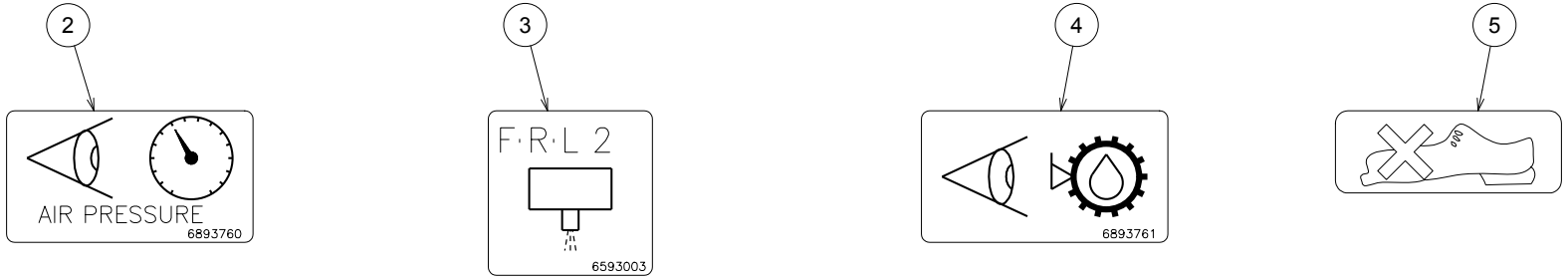


(1) Name Plate ASSY C

3804734

Unit No. 255 Air Blow <Name Plate ASSY C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3804734	Name Plate ASSY C	Index 2-4	1
2	74419461 / 6817500	Name Plate		2
3	74383832 / 6593003	Name Plate		1
4	74419397 / 6817503	Name Plate		1

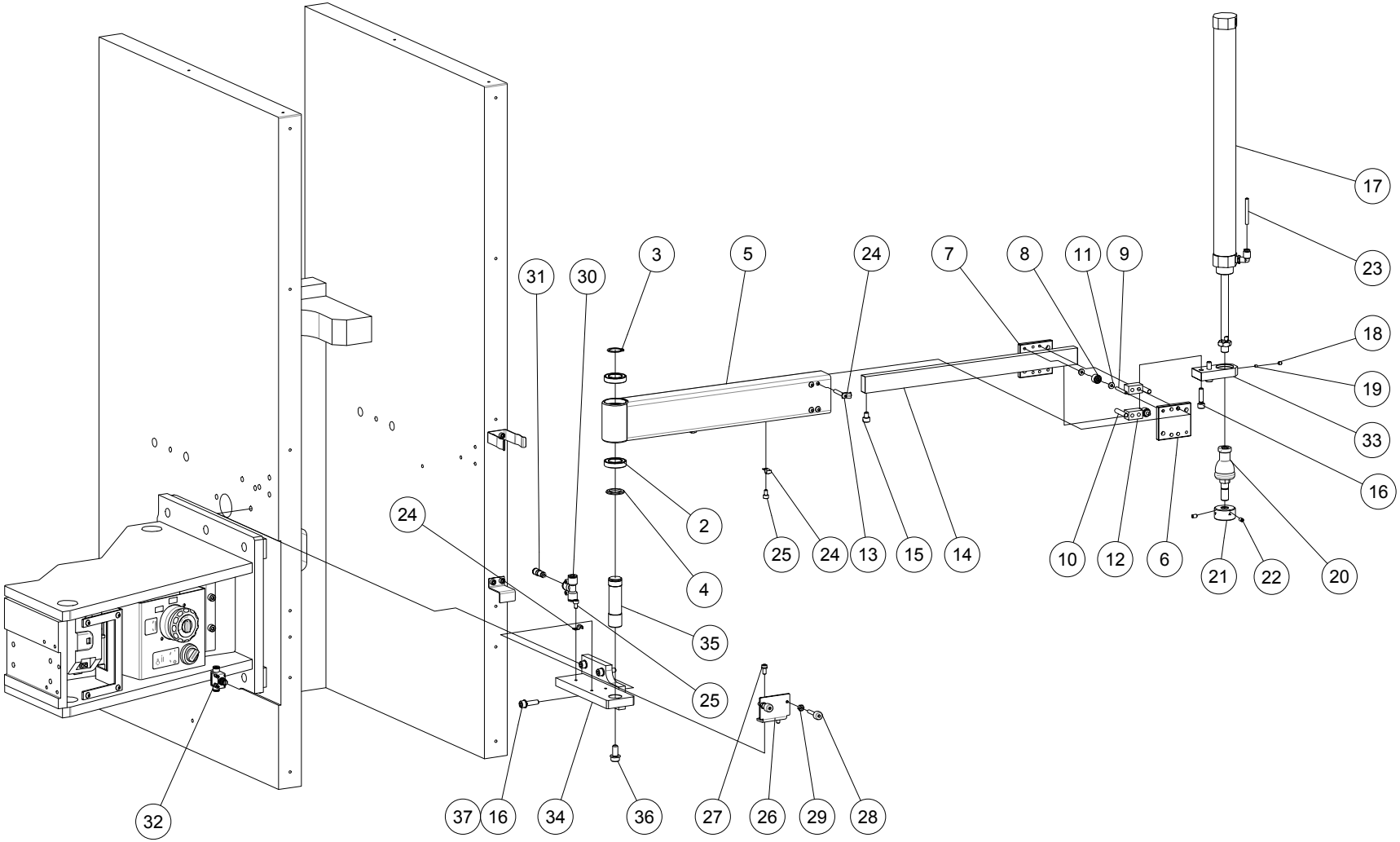


(1) Name Plate ASSY CE

3832477---

Unit No. 256 Air Blow <Name Plate ASSY CE>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 3832477---	Name Plate ASSY CE	 Index 2-5	1
2	74450043 6893760	Name Plate		2
3	74383832 6593003	Name Plate		1
4	74450044 6893761	Name Plate		1
5	74775933 0840546	Name Plate		1



(1) Buffer Balancer ASSY

WA00734---

Unit No. 257 Tool Balancer <Buffer Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00734---	Buffer Balancer ASSY	Index 2-37	1
2	74417172 P400010693	Deep Groove Ball Bearing NSK(equality)	6905ZZ	2
3	74159526 P406108046	Locating Snap Ring OCHIAI	STW-25	1
4	74417173 6876247	Collar		1
5	74402654 MA06342---	Balancer Arm		1
6	74417175 6876243	Roller Bracket A		1
7	74417176 6876244	Roller Bracket B		1
8	74573647 P409112065	Roller Follower THK & others	NART5UUR	2
9	74417177 P446207042	Guide Bar MISUMI	SFJ5-40	2
10	74417178 P446207043	Guide Bar MISUMI	SFJ8-40	2
11	74417179 P336238209	Washer MISUMI	WSSB12-5-2	4
12	74569937 6813522	Spacer		2

Unit No. 257 Tool Balancer <Buffer Balancer ASSY>

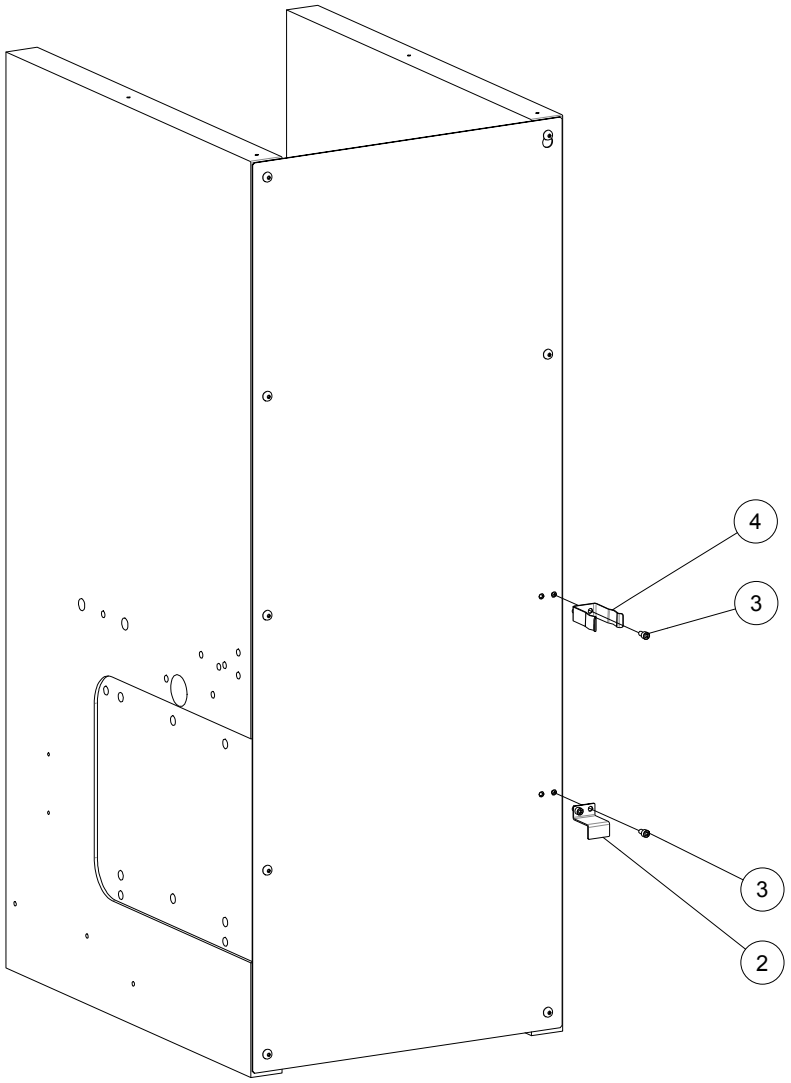
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776829 P334500037	Button Head Screw JIS	M6X40	4
14	74402655 MA06343---	Slider		1
15	74354330 P330230001	Hex Socket Cap Screw	M8X10	1
16	74183624 P330230008	Hex Socket Cap Screw	M8X30	5
17	74402656 7831767---	Air Cylinder SMC	CM2BZ40-400	1
18	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	1
19	74303816 806073	Insert		1
20	74380550 P409202004	Floating Joint THK	RBI14D	1
21	74309112 819298	Knob		1
22	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
23	74568664 P230242118	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-5M	1
24	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	4

Unit No. 257 Tool Balancer <Buffer Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74776743 P330220003	Hex Socket Cap Screw	M6X10	3
26	74402657 MA06344---	Stopper Bracket		1
27	74901423 P330468062	Flange Socket Bolt NISSAN NEJI	M6X12(Trivalent Chromium Black)	2
28	74903181 P338098035	Stopper Bolt MISUMI	UNAH6-30	2
29	74183204 P332000071	Nut JIS	M6(Type-1)	2
30	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	1
31	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	1
32	74568665 P555007016	Air Flow Control Valve NITTA MOORE	ESU6	1
33	74450787 6892305	Cylinder Holder		1
34	74402658 WA00701---	Arm Bracket		1
35	74402659 MA06329---	Arm Shaft		1
36	74731296 P330468021	Flange Socket Bolt NISSAN NEJI	M10X20	1

Unit No. 257 Tool Balancer <Buffer Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74402660	Washer	8(Small Round)	3
	P336000041	JIS		

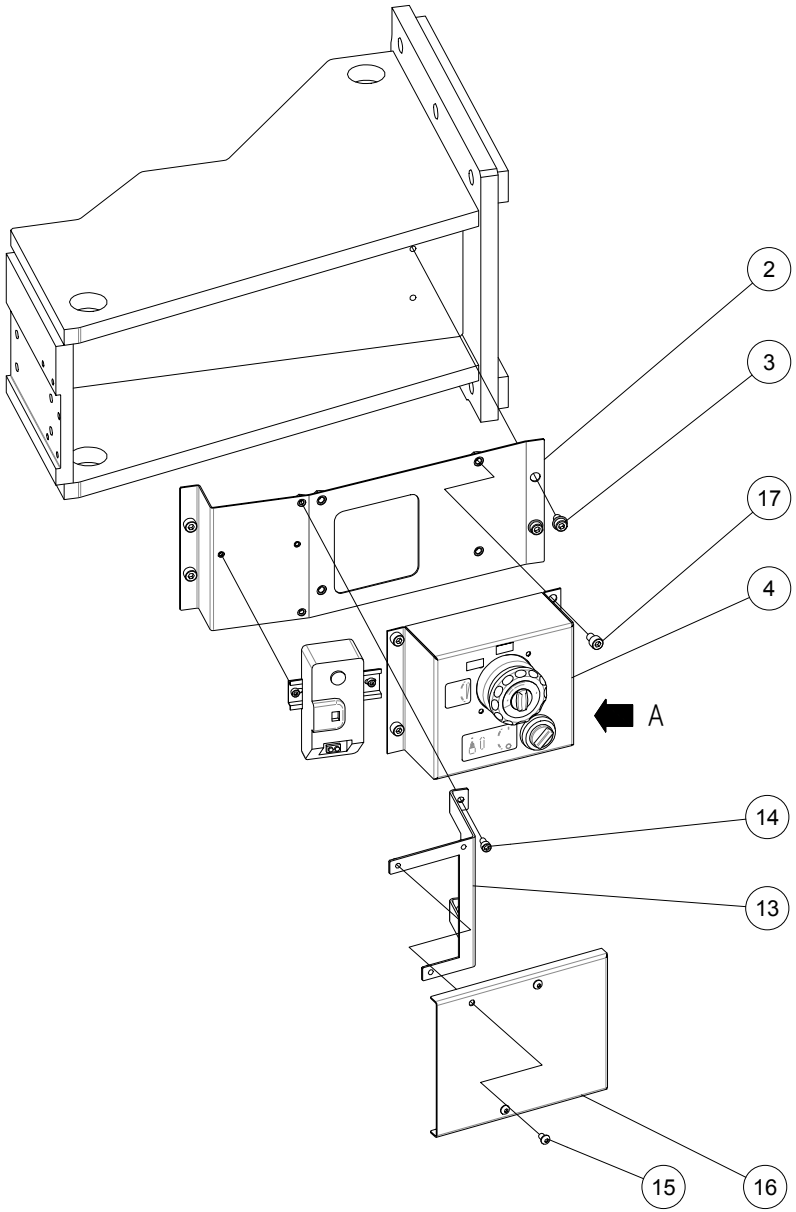


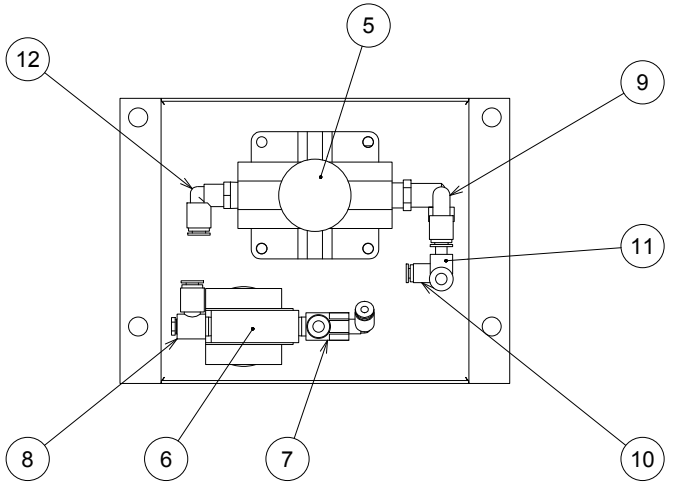
(1) Balancer ASSY

MA06345---

Unit No. 258 Tool Balancer <Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Balancer ASSY		1
	MA06345---		Index 2-4	
2	74402661	Cylinder Stopper		1
	MA06346---			
3	74159711	Hex Socket Cap Screw	M6X12	4
	P330220004	JIS		
4	74450789	Catch		1
	6892306			





DETAIL A

(1) Buffer Console Panel ASSY

MA06339---

Unit No. 259 Tool Balancer <Buffer Console Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06339---	Buffer Console Panel ASSY	Index 2-17	1
2	74402662 MA06347---	Console Bracket		1
3	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	2
4	74453604 7832785 A	Tool Balancer Operation Panel CKD	TSB-E-AMA-BAL-UN176-KL300176 Index 5-12	1
5	74902894 S420244---	Regulator CKD	2302-2C-FL272539	1
6	74415095 P556054001	Mechanical Valve CKD	MS-00-SE1	1
7	74902895 S420245---	Block Valve CKD	FPV-6A-06	1
8	74777045 P586568174	One Touch Fitting CKD	GWL6-6-T (Universal Elbow)	1
9	74578871 P586628089	One Touch Fitting CKD	GWFY6-8	1
10	74451532 S420246---	One Touch Fitting CKD	GWP46-L	1
11	74900598 P586568188	One Touch Fitting CKD	GWP66-L	1
12	74733062 P586568132	One Touch Fitting CKD	GWL6-8	1

Unit No. 259 Tool Balancer <Buffer Console Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402663 MA06348---	Cover Bracket		1
14	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	2
15	74183302 P334500013	Button Head Screw	M6X10	3
16	74402664 MA06311---	Console Cover		1
17	74183619 P330230002	Hex Socket Cap Screw JIS	M8X12	6

(1) Operation Name Plate ENG

6912581
(7408813)

Unit No. 260 Tool Balancer <Operation Name Plate E>

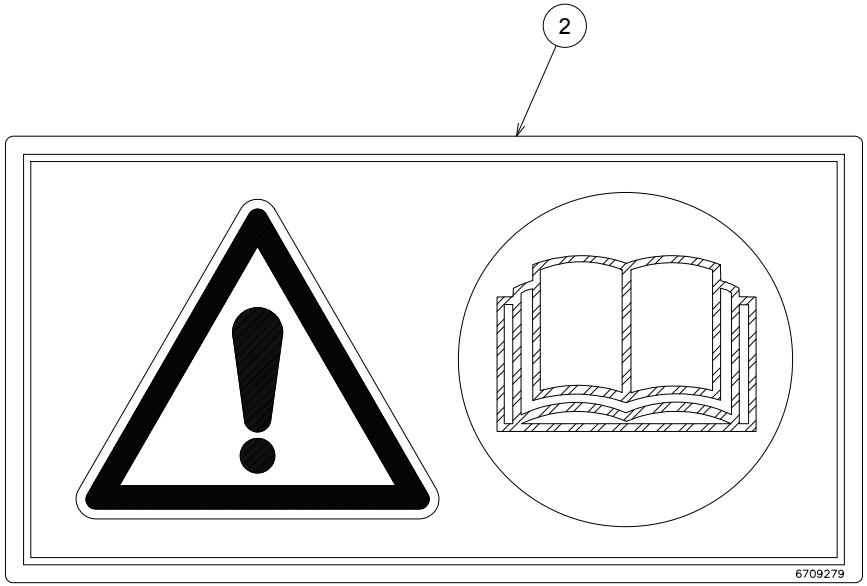
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6912581	Operation Name Plate ENG	Index 2	1
2	74563020 / 7408813	Name Plate		1

(1) Operation Name Plate C

6817904
(6817541)

Unit No. 261 Tool Balancer <Operation Name Plate C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817904	Operation Name Plate C	Index 2	1
2	74419396 / 6817541	Name Plate		1



(1) Operation Name Plate CE

3832481
(6709279)

Unit No. 262 Tool Balancer <Operation Name Plate CE>

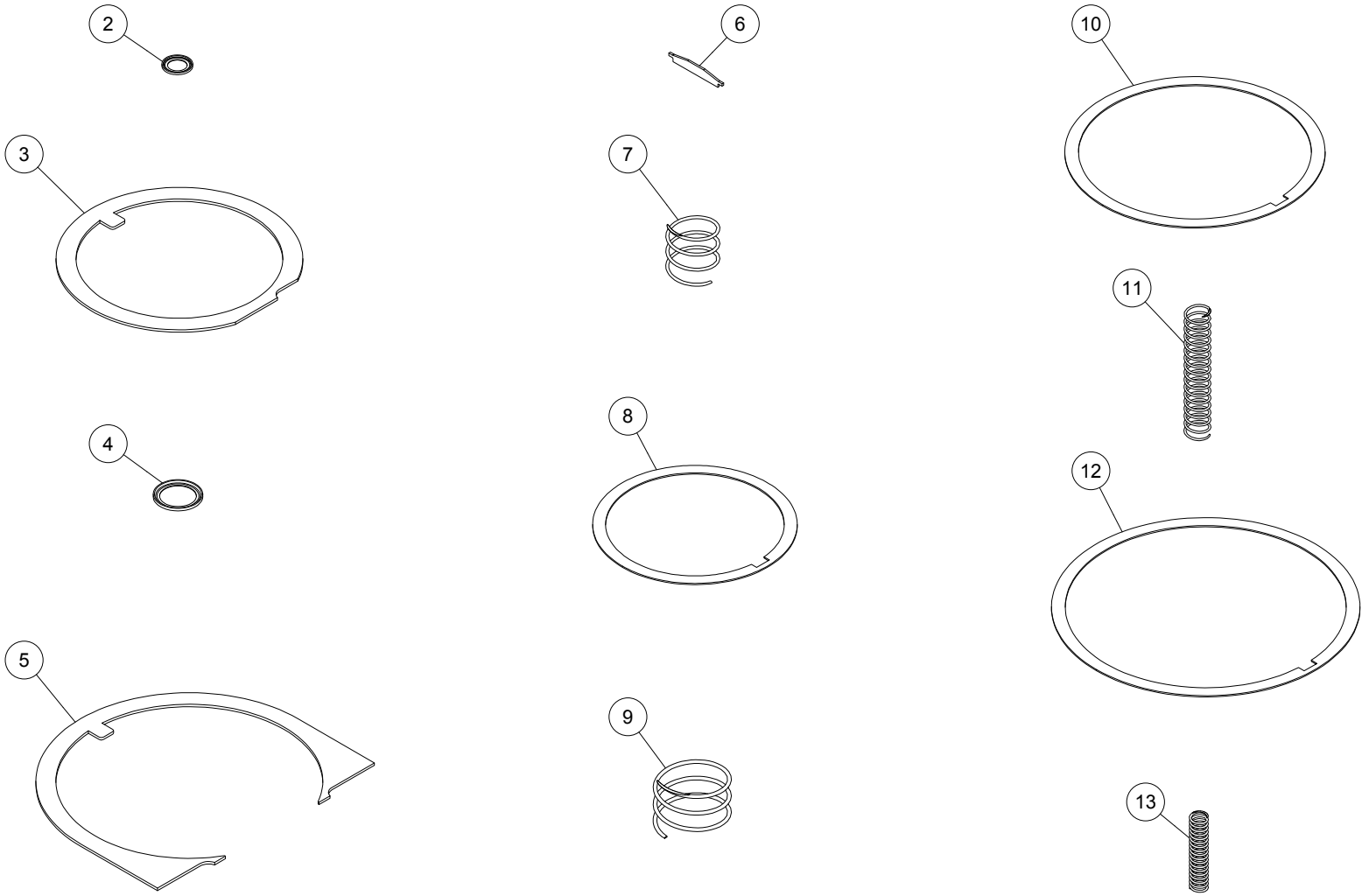
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3832481	Operation Name Plate CE	Index 2	1
2	74450774 / 6709279	Name Plate		1

< List Only >

CE01769---

Unit No. 263 Standard Accessory <Consumable Goods Accessory>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01769---	Consumable Goods Accessory	Index 2-5	1
2	MA04022---	Consumable Goods 36ST Tool		1
3	MA04023---	Consumable Goods 32ST 3-1/2 Tool		1
4	MA04024---	Consumable Goods 32ST 4-1/2 Tool		1
5	3831758	Damper ASSY		1



(1) Consumable Goods 36ST Tool

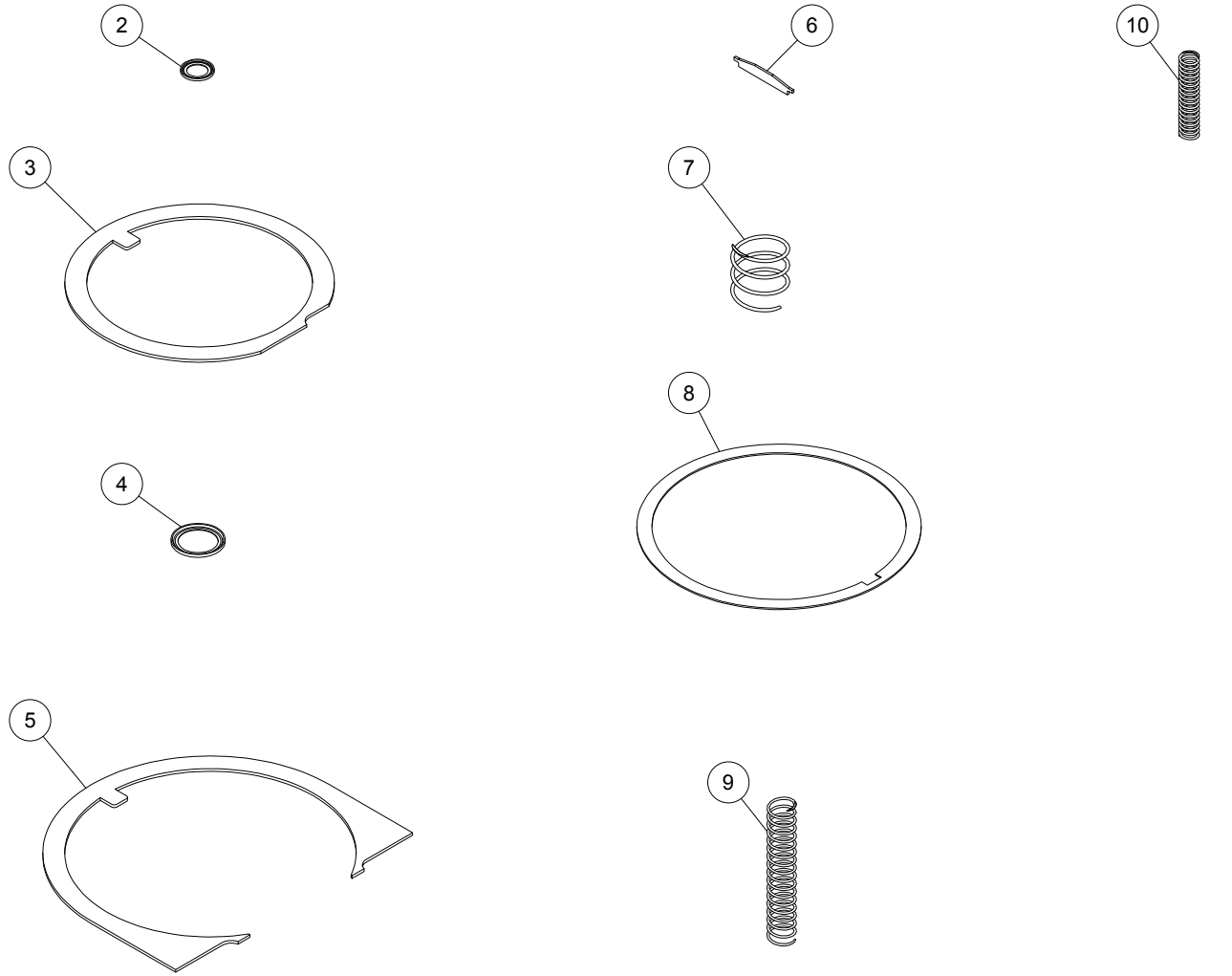
MA04022---

Unit No. 264 Standard Accessory <Consumable Goods 36ST Tool>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04022---	Consumable Goods 36ST Tool	Index 2-13	1
2	74387444 7400894 B	Cover Seal 1/2"		8
3	74900364 MA00574--B	Cover Seal A 1/2"		4
4	74387440 7400895 B	Cover Seal 1-1/4"		5
5	74900439 MA01271--B	Cover Seal A 1-1/4"		4
6	74900440 MA01272---	Cover Seal B 1-1/4"		2
7	74900437 MA01269---	Return Spring 1-1/4"		2
8	74900345 MA00270---	Cover Seal 2"		1
9	74900366 MA00578---	Return Spring 2"		1
10	74900346 MA00271--A	Cover Seal 3-1/2"		1
11	74900446 MA01283---	Return Spring 3-1/2"		1
12	74900504 MA00272---	Cover Seal 4-1/2"		1

Unit No. 264 Standard Accessory <Consumable Goods 36ST Tool>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900347 MA00287---	Spring		2

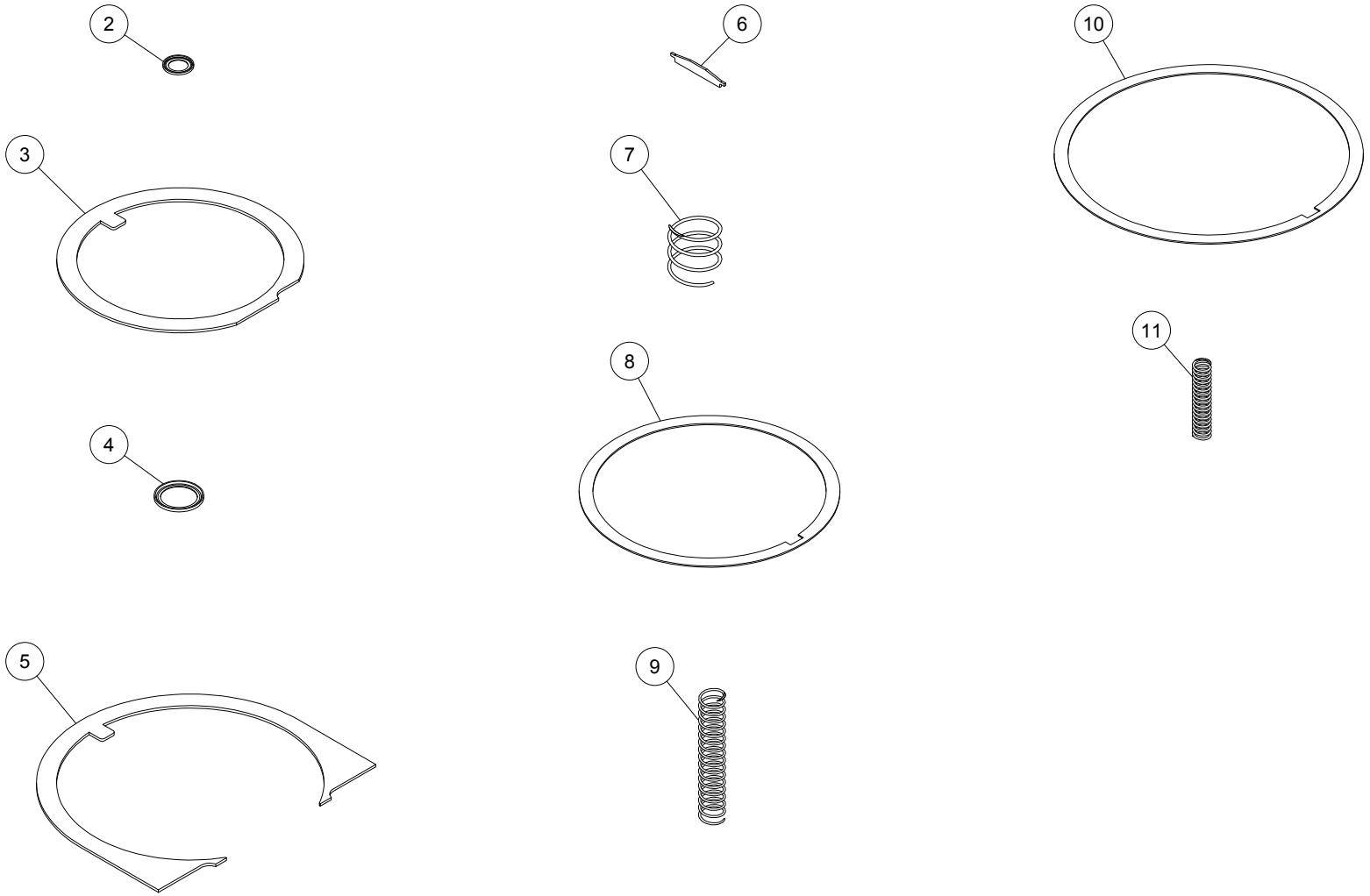


(1) Consumable Goods 32ST 3-1/2 Tool

MA04023---

Unit No. 265 Standard Accessory <Consumable Goods 32ST 3-1/2 Tool>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04023---	Consumable Goods 32ST 3-1/2 Tool	Index 2-10	1
2	74387444 7400894 B	Cover Seal 1/2"		8
3	74900364 MA00574--B	Cover Seal A 1/2"		4
4	74387440 7400895 B	Cover Seal 1-1/4"		5
5	74900439 MA01271--B	Cover Seal A 1-1/4"		4
6	74900440 MA01272---	Cover Seal B 1-1/4"		2
7	74900437 MA01269---	Return Spring 1-1/4"		2
8	74900346 MA00271--A	Cover Seal 3-1/2"		1
9	74900446 MA01283---	Return Spring 3-1/2"		1
10	74900347 MA00287---	Spring		2

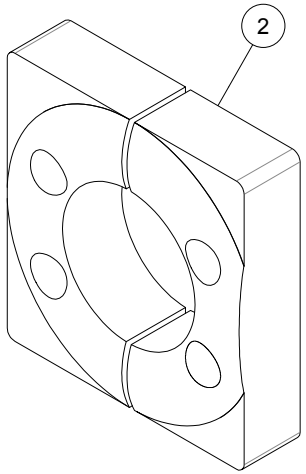


(1) Consumable Goods 32ST 4-1/2 Tool

MA04024---

Unit No. 266 Standard Accessory <Consumable Goods 32ST 4-1/2 Tool>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04024---	Consumable Goods 32ST 4-1/2 Tool	Index 2-11	1
2	74387444 7400894 B	Cover Seal 1/2"		8
3	74900364 MA00574--B	Cover Seal A 1/2"		4
4	74387440 7400895 B	Cover Seal 1-1/4"		5
5	74900439 MA01271--B	Cover Seal A 1-1/4"		4
6	74900440 MA01272---	Cover Seal B 1-1/4"		2
7	74900437 MA01269---	Return Spring 1-1/4"		2
8	74900346 MA00271--A	Cover Seal 3-1/2"		1
9	74900446 MA01283---	Return Spring 3-1/2"		1
10	74900504 MA00272---	Cover Seal 4-1/2"		1
11	74900347 MA00287---	Spring		2

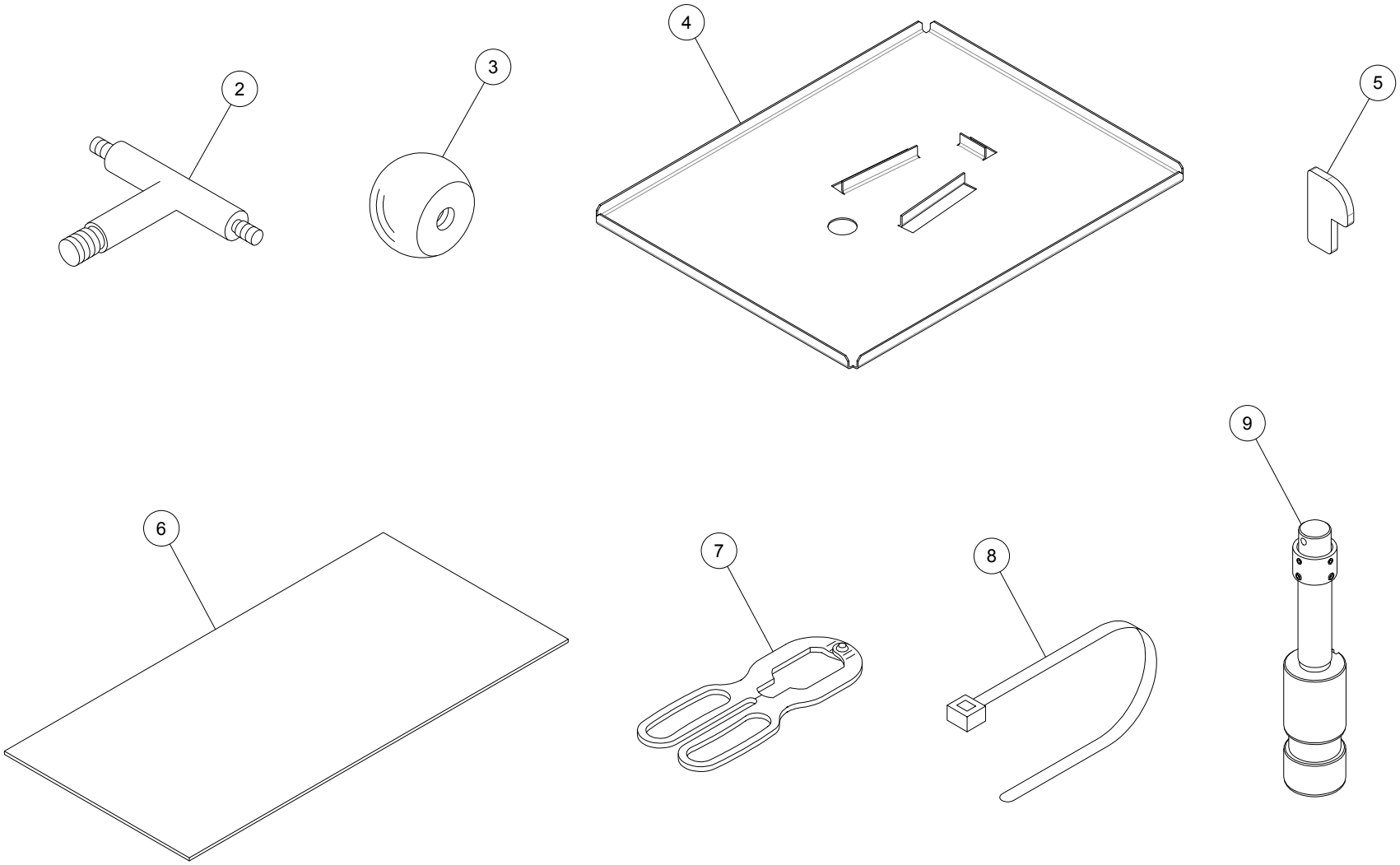


(1) Damper ASSY

3831758

Unit No. 267 Standard Accessory <Damper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3831758	Damper ASSY	Index 2	1
2	74812441 3806930 A	Damper 4		1

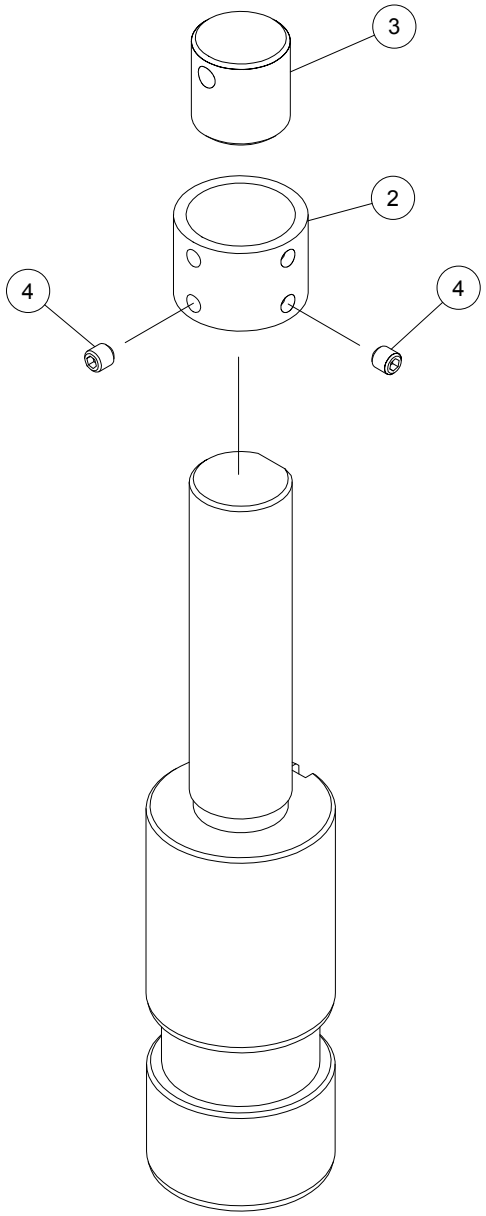


(1) Accessory (Implement)

WA00620---

Unit No. 268 Standard Accessory <Accessory (Implement)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00620---	Accessory (Implement)	Index 2-10	1
2	74375830 6010633	T-type Jig	D16	2
3	74305628 P317264014	Knob IMAO Mfg	PC25X8B	4
4	74902674 MA04938---	Alignment Jig Support		1
5	74902679 MA04961---	Lifter Release Jig		1
6	74400729 P379938001	Plywood	1230X600X9t	1
7	74562365 7830484	QS Plier AMT	NO.911910	1
8	74307822 P381058013	Cable Band SHIBAKEI	CV-200N	5
9	3833123	Alignment Jig Adapter ASSY		2
10	7408221 B	Punch Remover S	List Only	1

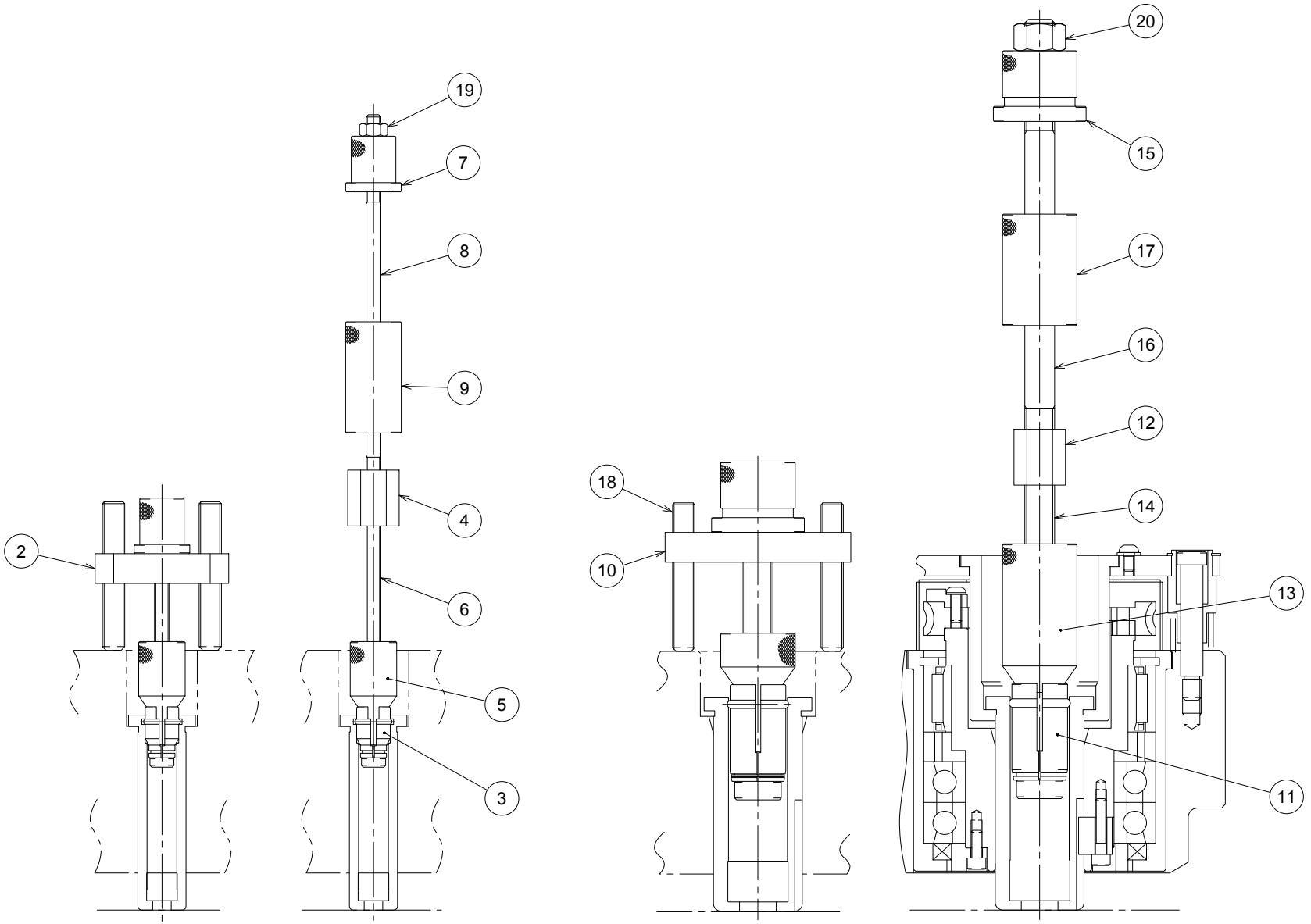


(1) Alignment Jig Adapter ASSY

3833123

Unit No. 269 Standard Accessory <Alignment Jig Adapter ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3833123	Alignment Jig Adapter ASSY	Index 2-4	2
2	74776365 / 3833121	Jig Adapter 1		1
3	74776366 / 3833122	Jig Adapter 2		1
4	74305504 / P330550024	Socket Set Screw / JIS	M6X6(Flat Type)	4



(1) Punch Remover S

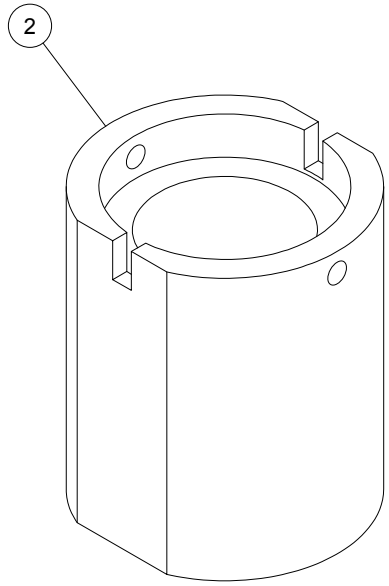
7408221 B

Unit No. 270 Standard Accessory <Punch Remover S>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7408221 B	Punch Remover S	Index 2-20	1
2	74570088 / 7404463 A	Support Plate 1/2"	F32X16-72	1
3	74563903 / 7404472	Punch Remover (Collet 1/2")		1
4	74563904 / 7404473	Hex Nut 1/2"	H24-30	1
5	74563905 / 7404474	Lock Nut 1/2"		1
6	74563906 / 7404475	Bolt 1/2"		1
7	74563907 / 7404449	Nut 1/2 Inch		1
8	74563908 / 7404356	Shaft 1/2 Inch		1
9	74563909 / 7404357	Hammer 1/2 Inch		1
10	74570089 / 7404464 A	Support Plate 1-1/4"	F32X16-100	1
11	74563911 / 7404436	Punch Remover (Collet 1-1/4")		1
12	74563912 / 7404437	Hex Nut 1-1/4"	H24-30	1

Unit No. 270 Standard Accessory <Punch Remover S>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74563913 7404438	Lock Nut 1-1/4"		1
14	74563914 7404439	Bolt 1-1/4"		1
15	74563915 7404469	Nut 1-1/4 Inch		1
16	74563916 7404358	Shaft 1-1/4 Inch		1
17	74563917 7404359	Hammer 1-1/4 Inch		1
18	74563918 P330550135	Socket Set Screw MOURI	M12X80(Flat Type)	2
19	74776796 P332000005	Nut JIS	M8	1
20	74571585 P332000009	Nut JIS	M16	1



(1) Forming Die Jig ASSY

MA01616---

Unit No. 271 Standard Accessory <Forming Die Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01616---	Forming Die Jig ASSY	Index 2	1
2	74563030 / 7404340	Jig 1-1/4"		1

< List Only >

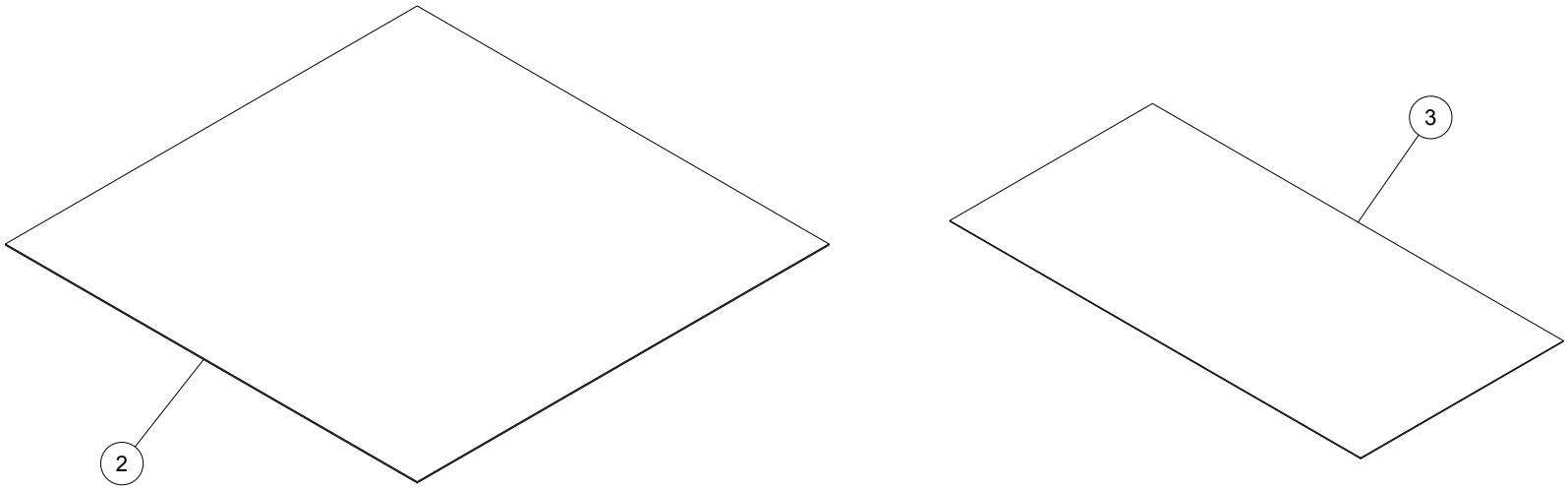
CE01750---

Unit No. 272 Standard Accessory <Shipping Bracket Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01750---	Shipping Bracket Installation	Index 2-18	1
2	74902682 MA04981--A	Bracket (Y-axis Duct)		1
3	74402665 CE01751---	Bracket R		1
4	74400371 P330270003	Hex Socket Cap Screw	M20X40	2
5	74402666 CE00156---	Stud	H22	9
6	74388378 P330550065	Socket Set Screw JIS	M12X40(Flat Point)	9
7	74402667 CE01752---	Support Plate		1
8	74183654 P330250004	Hex Socket Cap Screw	M12X25	9
9	74400726 CE00159---	Support Plate S		1
10	74415675 6828612	Bracket Y		1
11	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
12	74183630 P330230012	Hex Socket Cap Screw	M8X50	2

Unit No. 272 Standard Accessory <Shipping Bracket Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74415676 6140755	Washer		2
14	74402668 CE01753---	Shipping Bracket X		1
15	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
16	74902431 MA02975---	Bracket (Support BK)		2
17	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	8
18	74776799 P332000010	Nut JIS	M20	2

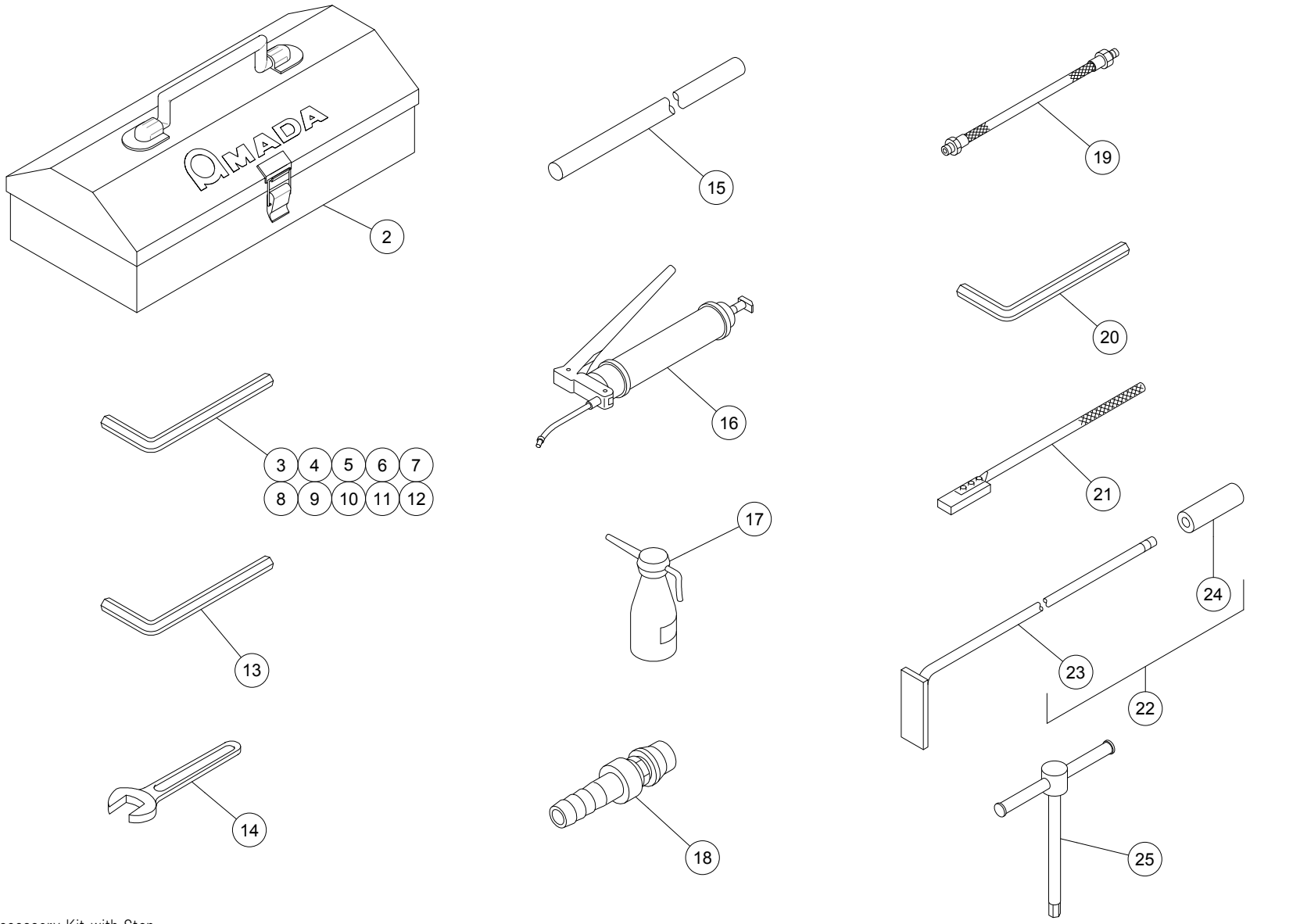


(1) Measurement ASSY

6826643

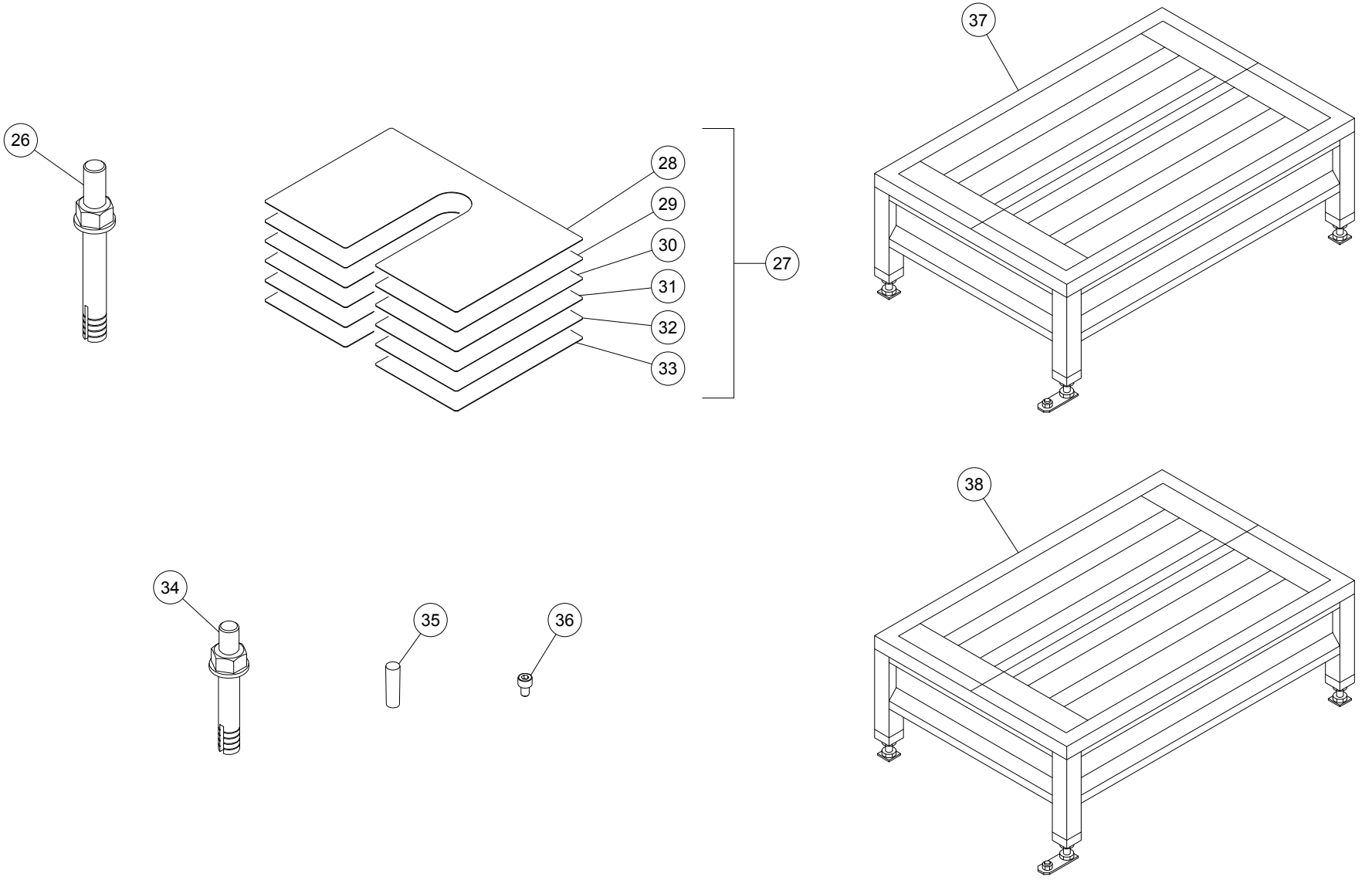
Unit No. 273 Standard Accessory <Measurement ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6826643	Measurement ASSY	Index 23	1
2	74415671 / 6826655	Plate (for Measurement) 1		2
3	74415672 / 6826656	Plate (for Measurement) 2		1



(1) EMZ-10 Accessory Kit with Step

6872925---



6872925---

Unit No. 274 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400730	EMZ-10 Accessory Kit with Step		1
	6872925---		Index 2-38	
2	74577468	Tool Box	TY-5	1
	P370118006	TANABE		
3	74713286	Socket Screw Key	2	1
	P351033002	SPS/UNBRAKO		
4	74713287	Socket Screw Key	2.5	1
	P351033003	SPS/UNBRAKO		
5	74713288	Socket Screw Key	3	1
	P351033004	SPS/UNBRAKO		
6	74713289	Socket Screw Key	4	1
	P351033005	SPS/UNBRAKO		
7	74713290	Socket Screw Key	5	1
	P351033006	SPS/UNBRAKO		
8	74713291	Socket Screw Key	6	1
	P351033007	SPS/UNBRAKO		
9	74713292	Socket Screw Key	8	1
	P351033008	SPS/UNBRAKO		
10	74713293	Socket Screw Key	10	1
	P351033009	SPS/UNBRAKO		
11	74713294	Socket Screw Key	14	1
	P351033011	SPS/UNBRAKO		
12	74903188	Socket Screw Key	17	1
	P351033015	SPS/UNBRAKO		

Unit No. 274 Standard Accessory <EMZ-10 Accessory Kit with Step>

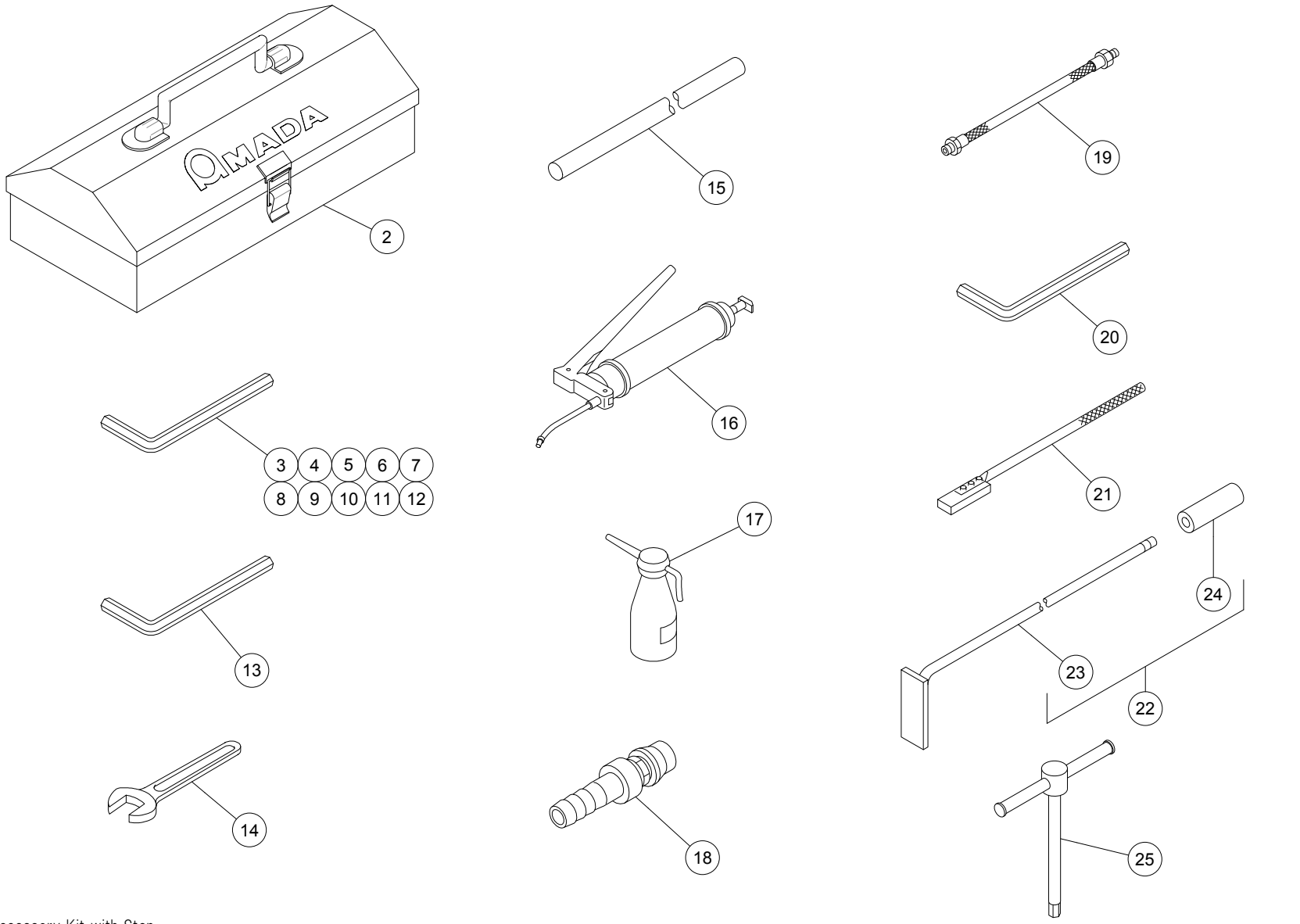
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74375757 P351038003	Socket Screw Key GOSHO Works	IT20	2
14	74903187 P351000040	Single Ended Wrench JIS	46-Round-N	1
15	74713281 P120100001	Copper Pipe	C3604BD-D25X300	1
16	74776889 P359308004	Grease Gun DAIYA SEIKO	GP-200	1
17	74718732 P359108002	Oiler NIPPEI	H-250	1
18	74175820 P589026013	Quick Connect Joint NITTO KOHKI	20PH	1
19	74776971 P560478002	Nozzle Pipe YAMADA	SPK-3C	1
20	74903189 P351038006	Socket Screw Key MITOLOY	HBL50S	1
21	74353225 P359908001	Magnet Lifter IT Engineering	KC-3-B	1
22	74353218 0817005	Scrap Remover ASSY	Index 2324	1
23	74320515 0817006	Scrap Remover		1
24	74514027 P317264001	Knob IMAO Mfg	BG6	1

Unit No. 274 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74400315 0480920	T Wrench ASSY		1
26	74564192 P338213003	Anchor SANKO Technology	C-1615	12
27	74740692 6876296	Shim Kit	Index 28-33	1
28	74421271 6879984	Shim 3.2		5
29	74421272 6879985	Shim		5
30	74421273 6879986	Shim 1.6		5
31	74421274 6879987	Shim 1.2		10
32	74421275 6879988	Shim 1.0		10
33	74421276 6879989	Shim 0.8		10
34	74705012 P338213005	Anchor SANKO Technology	C-1290	16
35	74389170 P337010124	Taper Pin	8X30(Inner Screw)	2
36	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	1

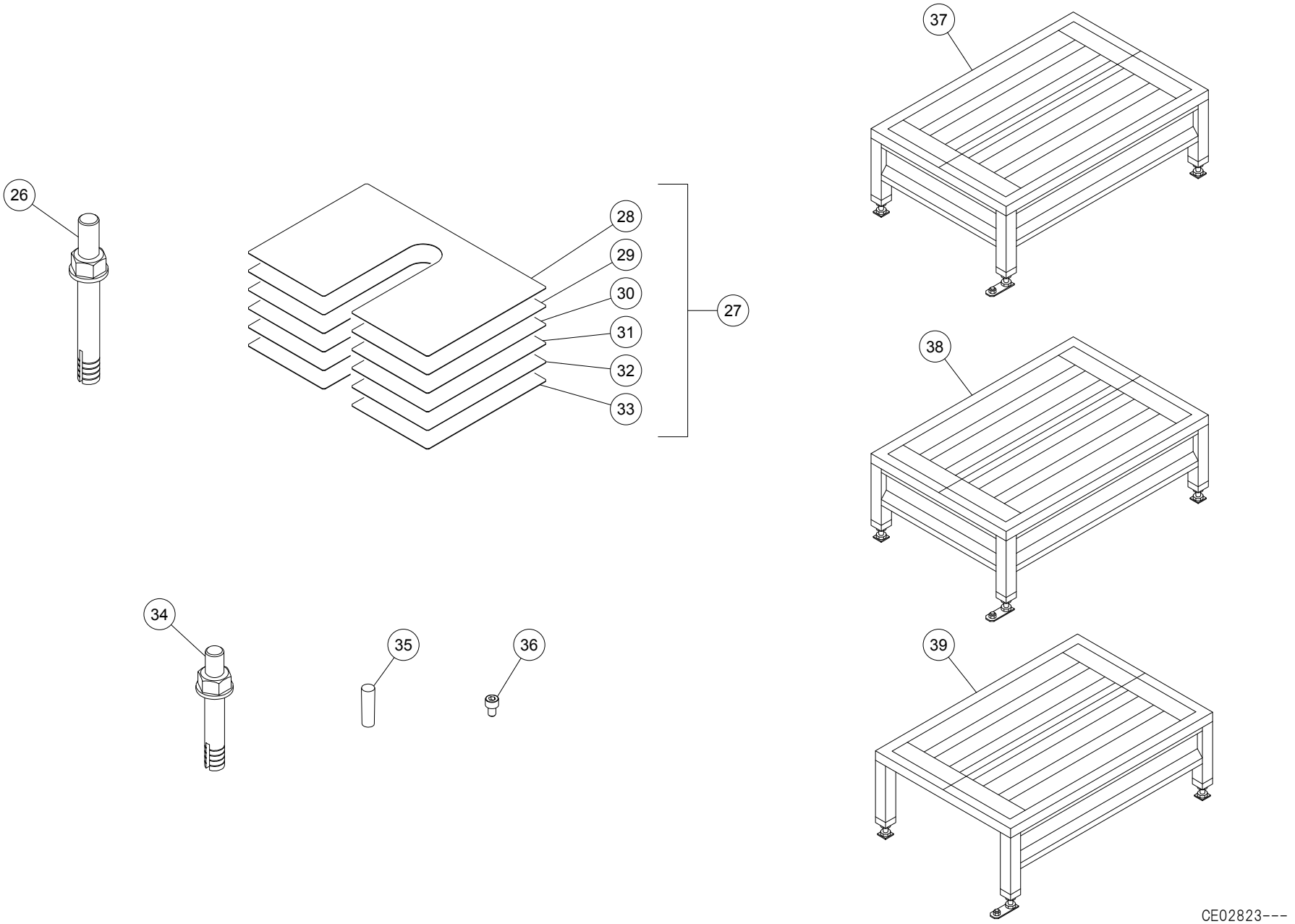
Unit No. 274 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74902126 7834189--A	Step Plate with Box	IT3-000337B	1
38	74902127 7834190--A	Step Plate with Frame	IT3-000335B	1



(1) EMZ-10 Accessory Kit with Step

CE02823---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CE02823---

Unit No. 275 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74400731	EMZ-10 Accessory Kit with Step		1
	CE02823---		Index 2-39	
2	74577468	Tool Box	TY-5	1
	P370118006	TANABE		
3	74713286	Socket Screw Key	2	1
	P351033002	SPS/UNBRAKO		
4	74713287	Socket Screw Key	2.5	1
	P351033003	SPS/UNBRAKO		
5	74713288	Socket Screw Key	3	1
	P351033004	SPS/UNBRAKO		
6	74713289	Socket Screw Key	4	1
	P351033005	SPS/UNBRAKO		
7	74713290	Socket Screw Key	5	1
	P351033006	SPS/UNBRAKO		
8	74713291	Socket Screw Key	6	1
	P351033007	SPS/UNBRAKO		
9	74713292	Socket Screw Key	8	1
	P351033008	SPS/UNBRAKO		
10	74713293	Socket Screw Key	10	1
	P351033009	SPS/UNBRAKO		
11	74375757	Socket Screw Key	IT20	2
	P351038003	GOSHO Works		
12	74713294	Socket Screw Key	14	1
	P351033011	SPS/UNBRAKO		

Unit No. 275 Standard Accessory <EMZ-10 Accessory Kit with Step>

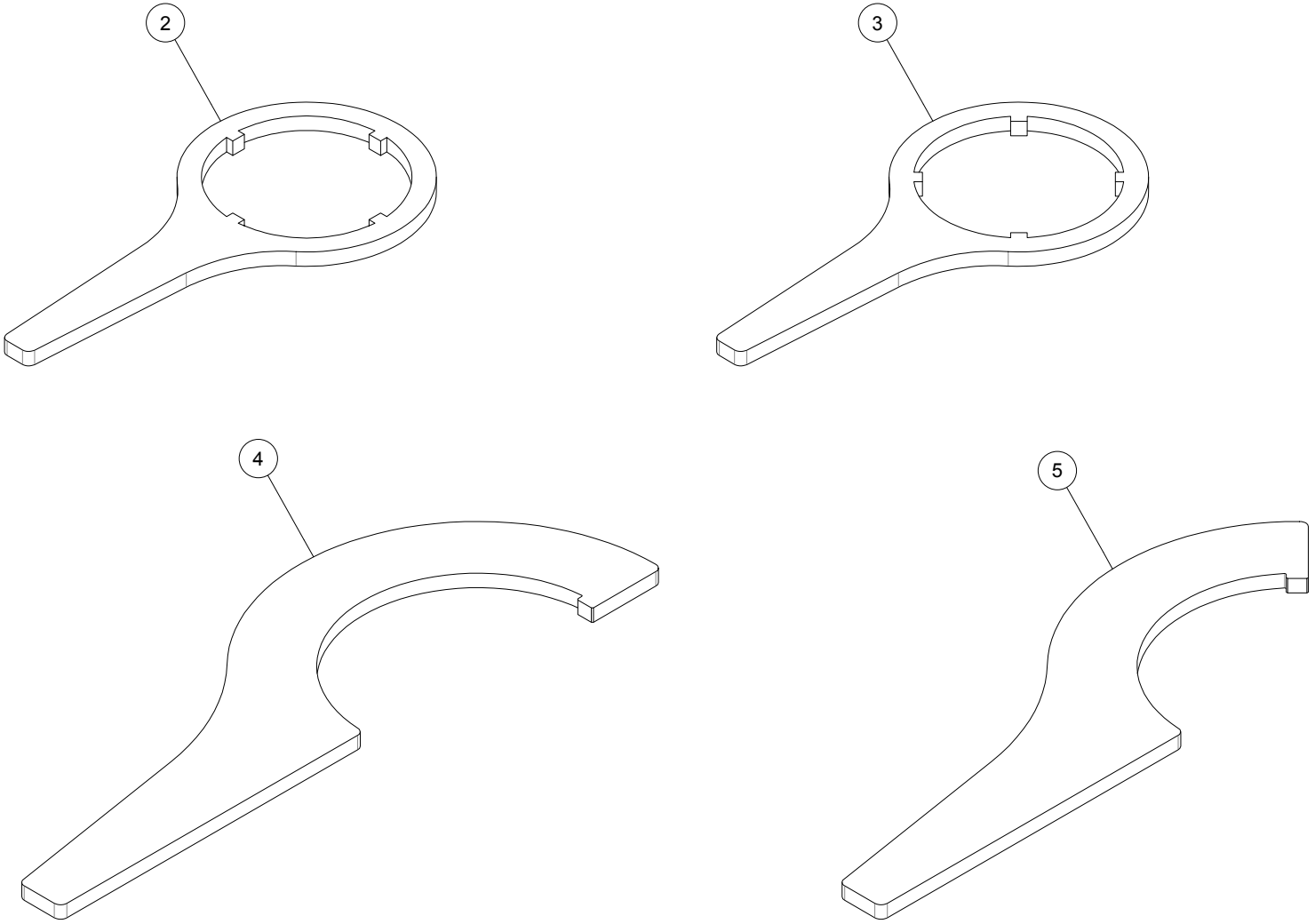
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74903188 P351033015	Socket Screw Key SPS/UNBRAKO	17	1
14	74903187 P351000040	Single Ended Wrench JIS	46-Round-N	1
15	74713281 P120100001	Copper Pipe	C3604BD-D25X300	1
16	74776889 P359308004	Grease Gun DAIYA SEIKO	GP-200	1
17	74718732 P359108002	Oiler NIPPEI	H-250	1
18	74175820 P589026013	Quick Connect Joint NITTO KOHKI	20PH	1
19	74776971 P560478002	Nozzle Pipe YAMADA	SPK-3C	1
20	74903189 P351038006	Socket Screw Key MITOLOY	HBL50S	1
21	74353225 P359908001	Magnet Lifter IT Engineering	KC-3-B	1
22	74353218 0817005	Scrap Remover ASSY	Index 2324	1
23	74320515 0817006	Scrap Remover		1
24	74514027 P317264001	Knob IMAO Mfg	BG6	1

Unit No. 275 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74400315 0480920	T Wrench ASSY		1
26	74564192 P338213003	Anchor SANKO Technology	C-1615	12
27	74740692 6876296	Shim Kit	Index 28-33	1
28	74421271 6879984	Shim 3.2		5
29	74421272 6879985	Shim		5
30	74421273 6879986	Shim 1.6		5
31	74421274 6879987	Shim 1.2		10
32	74421275 6879988	Shim 1.0		10
33	74421276 6879989	Shim 0.8		10
34	74705012 P338213005	Anchor SANKO Technology	C-1290	16
35	74389170 P337010124	Taper Pin	8X30(Inner Screw)	2
36	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	1

Unit No. 275 Standard Accessory <EMZ-10 Accessory Kit with Step>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74902126 7834189--A	Step Plate with Box	IT3-000337B	1
38	74902127 7834190--A	Step Plate with Frame	IT3-000335B	1
39	74902128 7834191--A	Step Plate without Frame	IT3-000336B	1

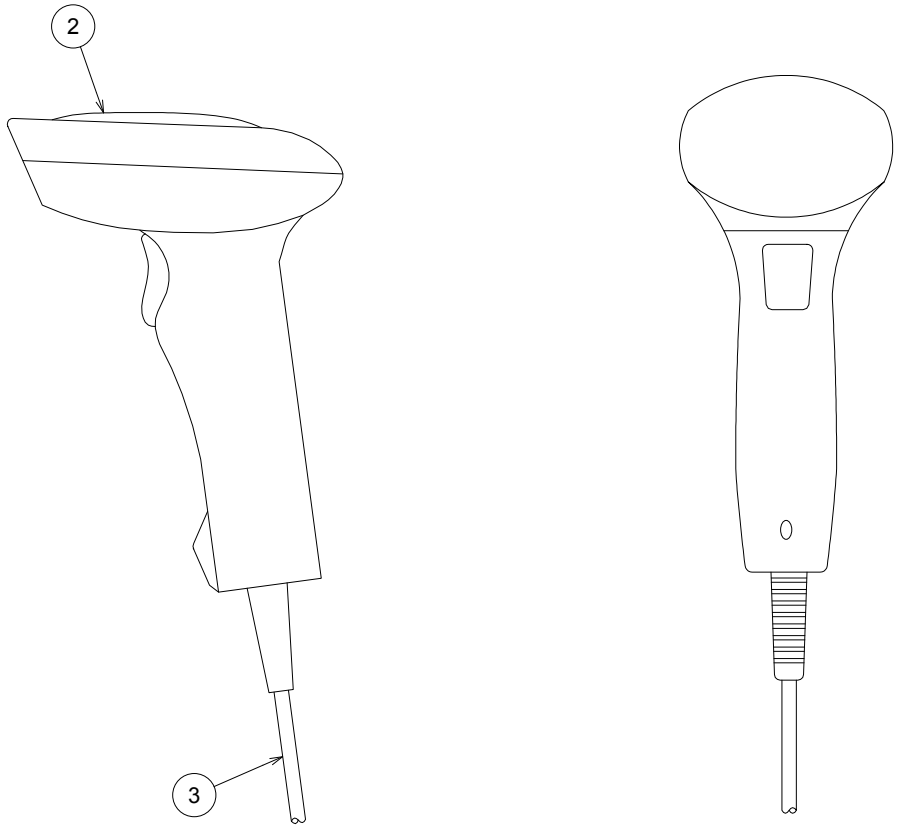


(1) Lifter Ring Jig ASSY

CE02160---

Unit No. 276 Standard Accessory <Lifter Ring Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02160---	Lifter Ring Jig ASSY	Index 2-5	1
2	74402669 CE02161---	Lifter Ring Jig		1
3	74402670 CE02162---	Lifter Ring Jig 45 Degrees		1
4	74402671 CE02163---	Lifter Ring Jig Al		1
5	74402672 CE02164---	Lifter Ring Jig Al 45 Degrees		1

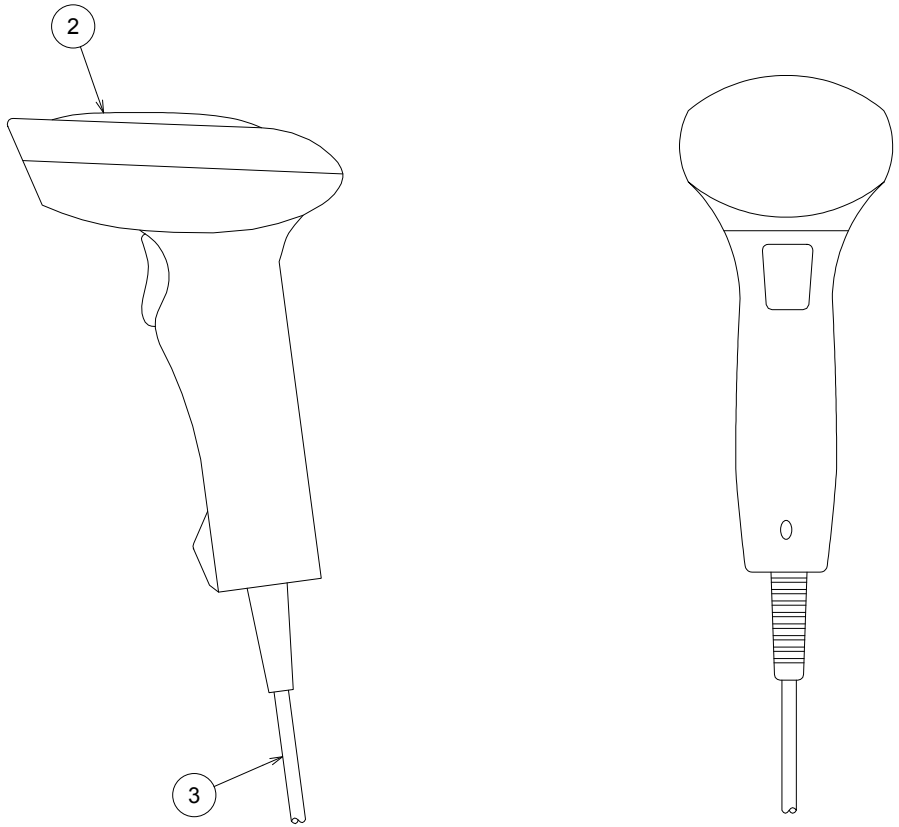


(1) Supplies (Bar Code Reader) E

6791633---

Unit No. 277 Bar Code Reader <Supplies (Bar Code Reader) E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791633---	Supplies (Bar Code Reader) E	Index 23	1
2	74902153 / 7855209---	Bar Code Reader / Itecs	F780GSR-USA / Index 3	1
3	74902957 / SPT0183---	CUR02 USB Cable / Itecs	AMCBB1031UADAR0	1



(1) Supplies (Bar Code Reader) D

6791384---

Unit No. 278 Bar Code Reader <Supplies (Bar Code Reader) D>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Bar Code Reader) D		1
	6791384---		Index 23	
2	74902152	Bar Code Reader	F780GSR-JPN	1
	7855208---	Itecs	Index 3	
3	74902957	CUR02 USB Cable	AMCBB1031UADAR0	1
	SPT0183---	Itecs		

< List Only >

6791714---

Unit No. 279 Memory Up <Supplies (Memory Up 640m)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Memory Up 640m)		1
	6791714---		Index 2	
2	74402673	Accessory (Program Controller)	A02B-0327-R170	1
	P767495012	FANUC		

< List Only >

6791715---

Unit No. 280 Memory Up <Supplies (Memory Up 1280m)>

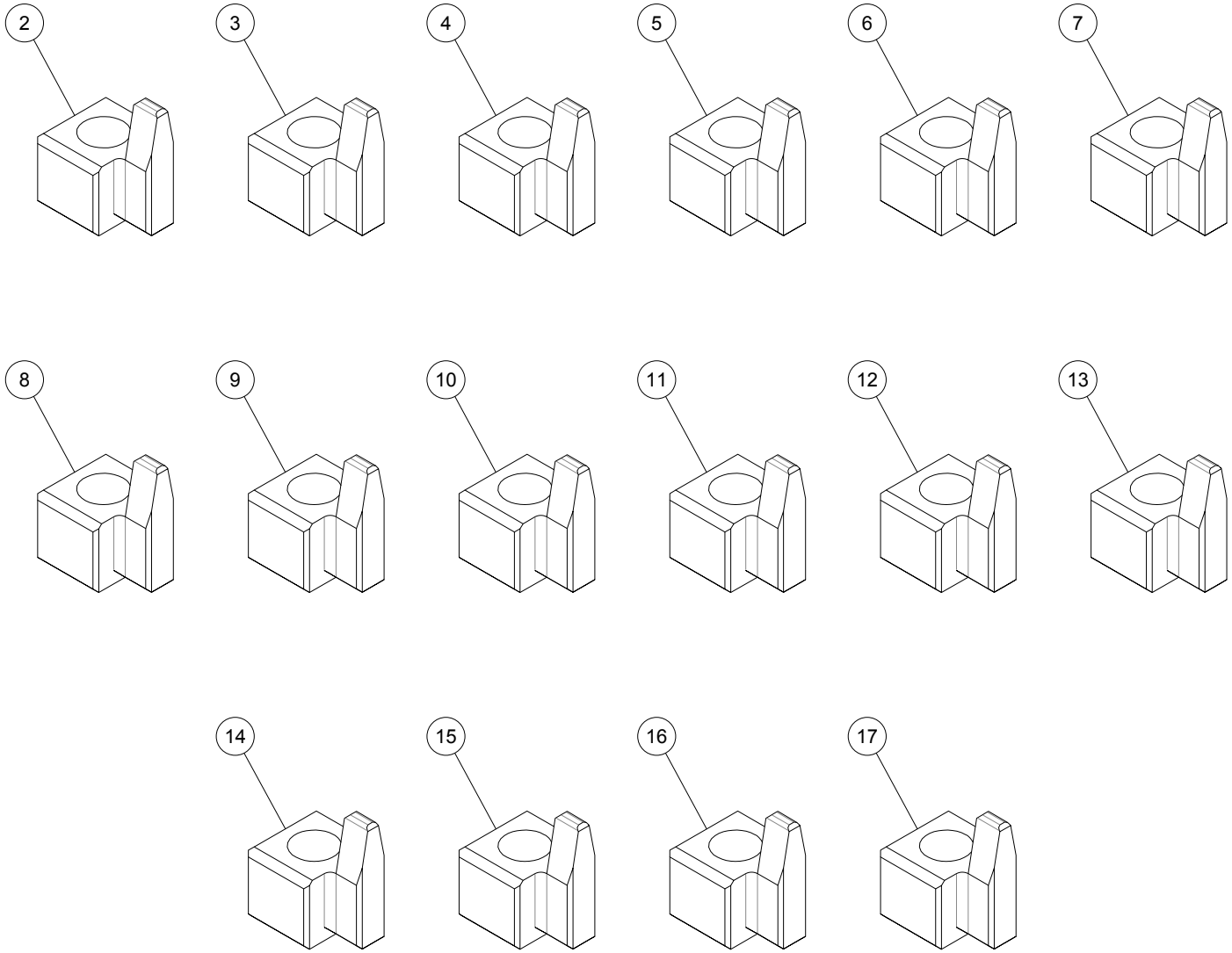
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Memory Up 1280m)		1
	6791715---		Index 2	
2	74402674	Accessory (Program Controller)	A02B-0327-R171	1
	P767495013	FANUC		

< List Only >

6791716---

Unit No. 281 Memory Up <Supplies (Memory Up 2560m)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Memory Up 2560m)		1
	6791716---		Index 2	
2	74402675	Accessory (Program Controller)	A02B-0327-R172	1
	P767495014	FANUC		



(1) 1/2″ ASSY

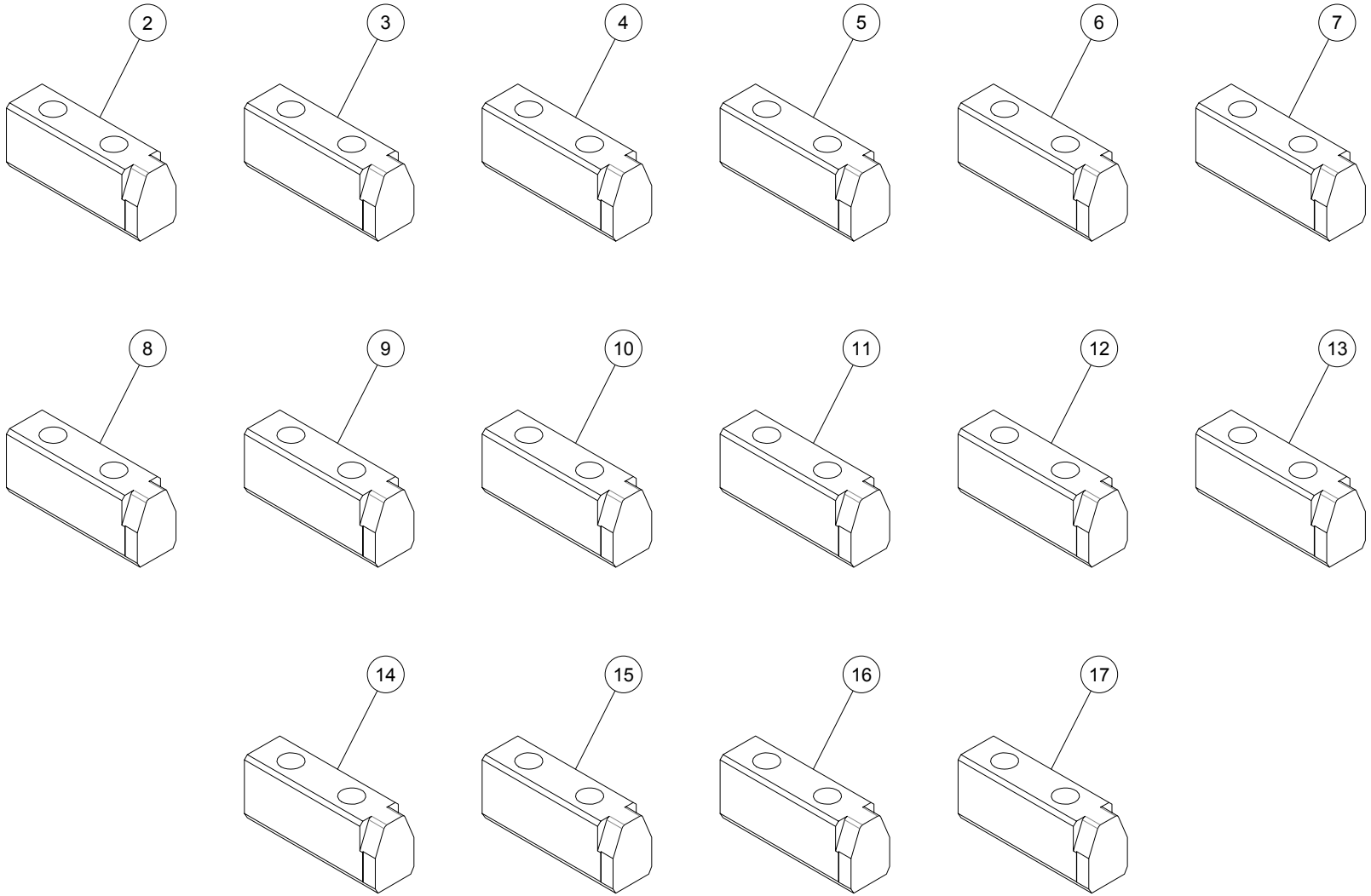
6817273

Unit No. 282 Assembly and Adjustment <1/2" ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 6817273	1/2" ASSY	 Index 2-17	1
2	74419346 300813399	1/2" Eccentric Key CW 0.01		1
3	74419347 300813398	1/2" Eccentric Key CW 0.02		1
4	74419348 300813397	1/2" Eccentric Key CW 0.03		1
5	74419349 300813396	1/2" Eccentric Key CW 0.04		1
6	74419350 300813395	1/2" Eccentric Key CW 0.05		1
7	74419351 300813394	1/2" Eccentric Key CW 0.06		1
8	74419352 300813392	1/2" Eccentric Key CW 0.08		1
9	74419353 300813390	1/2" Eccentric Key CW 0.10		1
10	74419354 300813301	1/2" Eccentric Key CCW 0.01		1
11	74419355 300813302	1/2" Eccentric Key CCW 0.02		1
12	74419356 300813303	1/2" Eccentric Key CCW 0.03		1

Unit No. 282 Assembly and Adjustment <1/2" ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
13	74419357 300813304	1/2" Eccentric Key CCW 0.04		1
14	74419358 300813305	1/2" Eccentric Key CCW 0.05		1
15	74419359 300813306	1/2" Eccentric Key CCW 0.06		1
16	74419360 300813308	1/2" Eccentric Key CCW 0.08		1
17	74419361 300813310	1/2" Eccentric Key CCW 0.10		1



(1) 2″ ASSY

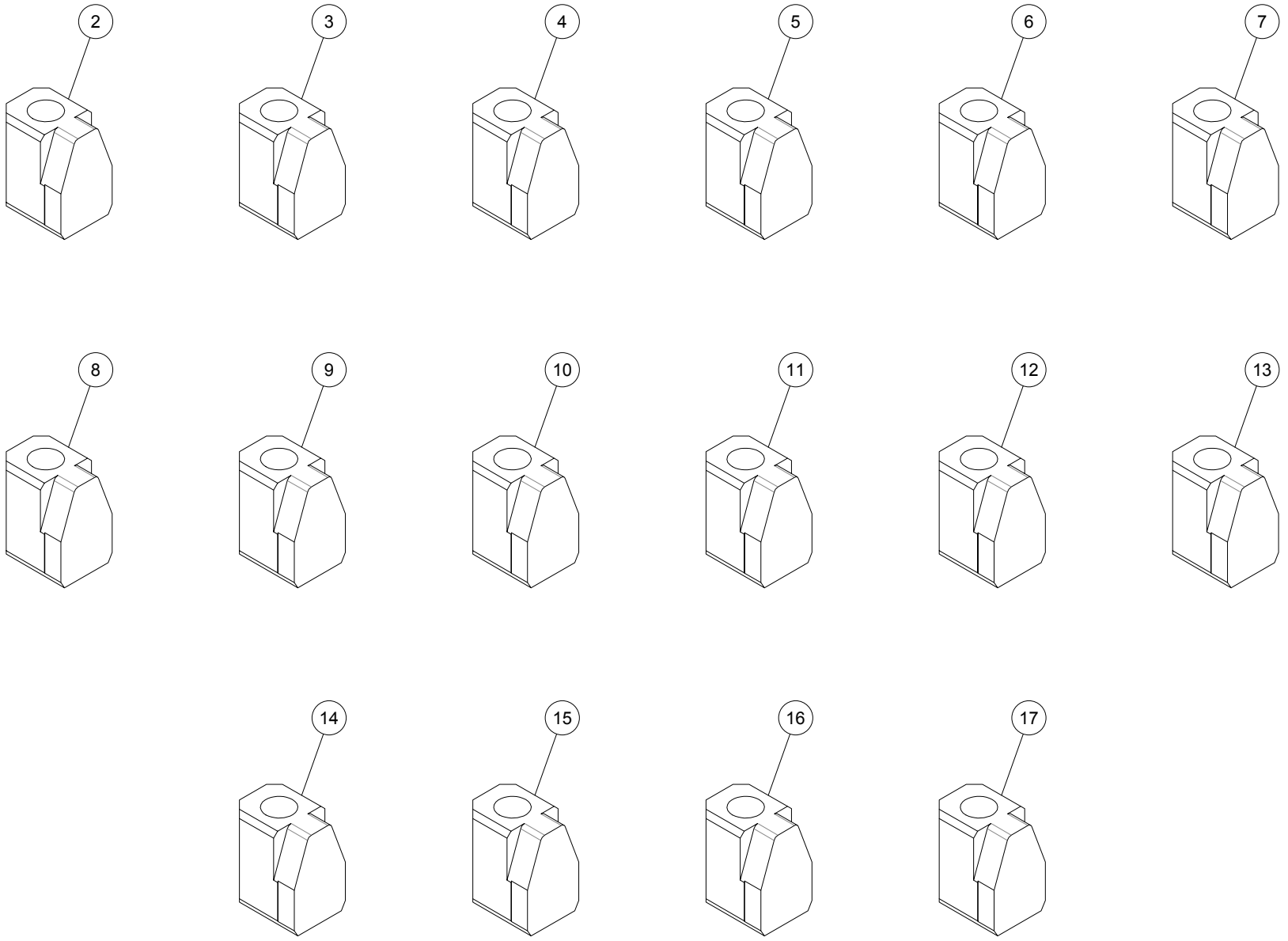
6817274

Unit No. 283 Assembly and Adjustment <2" ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817274	2" ASSY	Index 2-17	1
2	74419362 681286499A	2" Eccentric Key CW 0.01		1
3	74419363 681286498A	2" Eccentric Key CW 0.02		1
4	74419364 681286497A	2" Eccentric Key CW 0.03		1
5	74419365 681286496A	2" Eccentric Key CW 0.04		1
6	74419366 681286495A	2" Eccentric Key CW 0.05		1
7	74419367 681286494A	2" Eccentric Key CW 0.06		1
8	74419368 681286492A	2" Eccentric Key CW 0.08		1
9	74419369 681286490A	2" Eccentric Key CW 0.10		1
10	74419370 681286401A	2" Eccentric Key CCW 0.01		1
11	74419371 681286402A	2" Eccentric Key CCW 0.02		1
12	74419372 681286403A	2" Eccentric Key CCW 0.03		1

Unit No. 283 Assembly and Adjustment <2" ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74419373 681286404A	2" Eccentric Key CCW 0.04		1
14	74419374 681286405A	2" Eccentric Key CCW 0.05		1
15	74419375 681286406A	2" Eccentric Key CCW 0.06		1
16	74419376 681286408A	2" Eccentric Key CCW 0.08		1
17	74419377 681286410A	2" Eccentric Key CCW 0.10		1



(1) 3-1/2″ ASSY

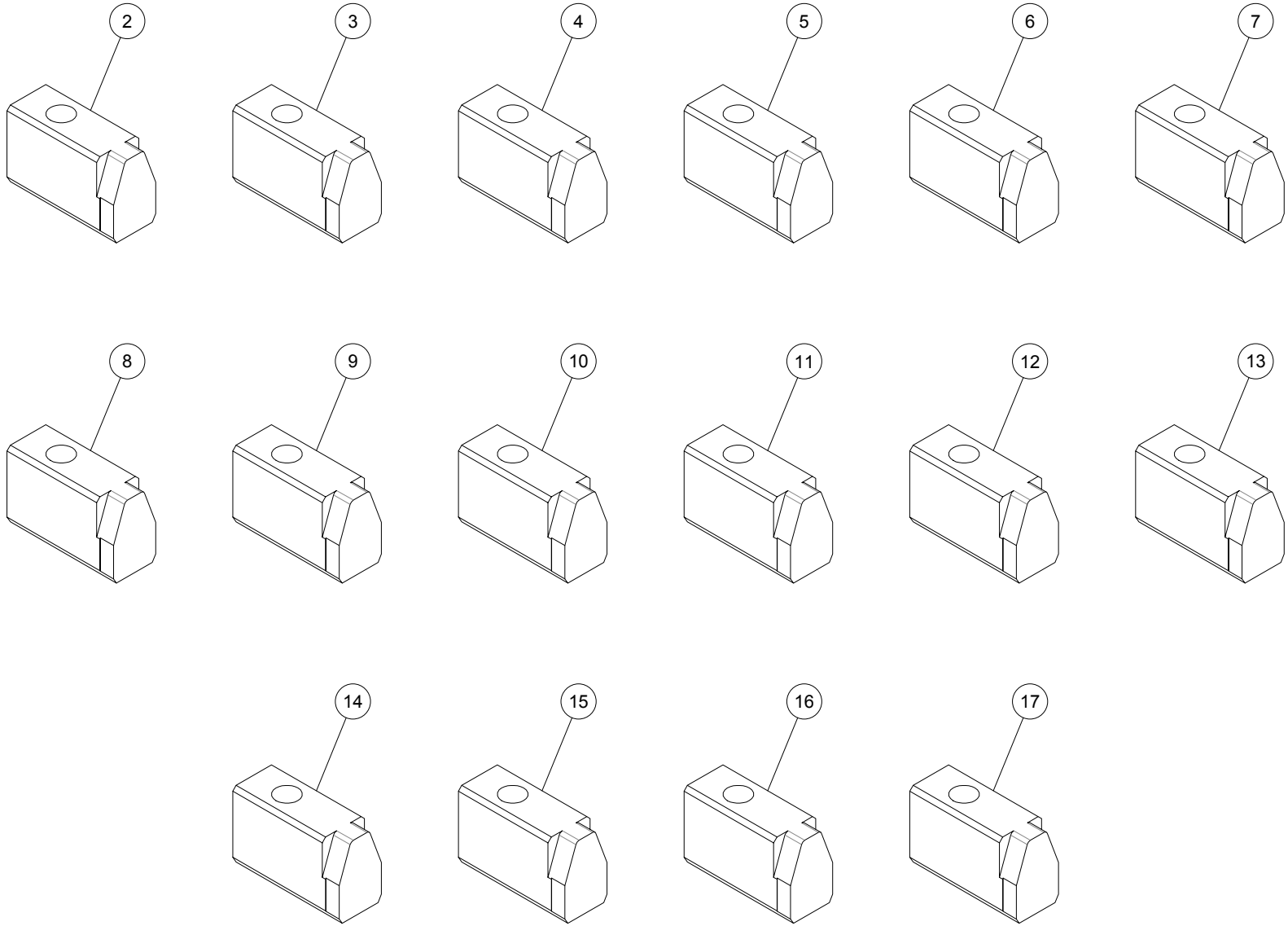
6817275

Unit No. 284 Assembly and Adjustment <31/2" ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817275	3-1/2" ASSY	Index 2-17	1
2	74419378 681286599A	3-1/2" Eccentric Key CW 0.01		1
3	74419379 681286598A	3-1/2" Eccentric Key CW 0.02		1
4	74419380 681286597A	3-1/2" Eccentric Key CW 0.03		1
5	74421316 681286596B	3-1/2" Eccentric Key CW 0.04		1
6	74419382 681286595A	3-1/2" Eccentric Key CW 0.05		1
7	74419383 681286594A	3-1/2" Eccentric Key CW 0.06		1
8	74419384 681286592A	3-1/2" Eccentric Key CW 0.08		1
9	74419385 681286590A	3-1/2" Eccentric Key CW 0.10		1
10	74419386 681286501A	3-1/2" Eccentric Key CCW 0.01		1
11	74419387 681286502A	3-1/2" Eccentric Key CCW 0.02		1
12	74419388 681286503A	3-1/2" Eccentric Key CCW 0.03		1

Unit No. 284 Assembly and Adjustment <31/2" ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
13	74419389 681286504A	3-1/2" Eccentric Key CCW 0.04		1
14	74419390 681286505A	3-1/2" Eccentric Key CCW 0.05		1
15	74419391 681286506A	3-1/2" Eccentric Key CCW 0.06		1
16	74419392 681286508A	3-1/2" Eccentric Key CCW 0.08		1
17	74419393 681286510A	3-1/2" Eccentric Key CCW 0.10		1



(1) 4-1/2″ ASSY

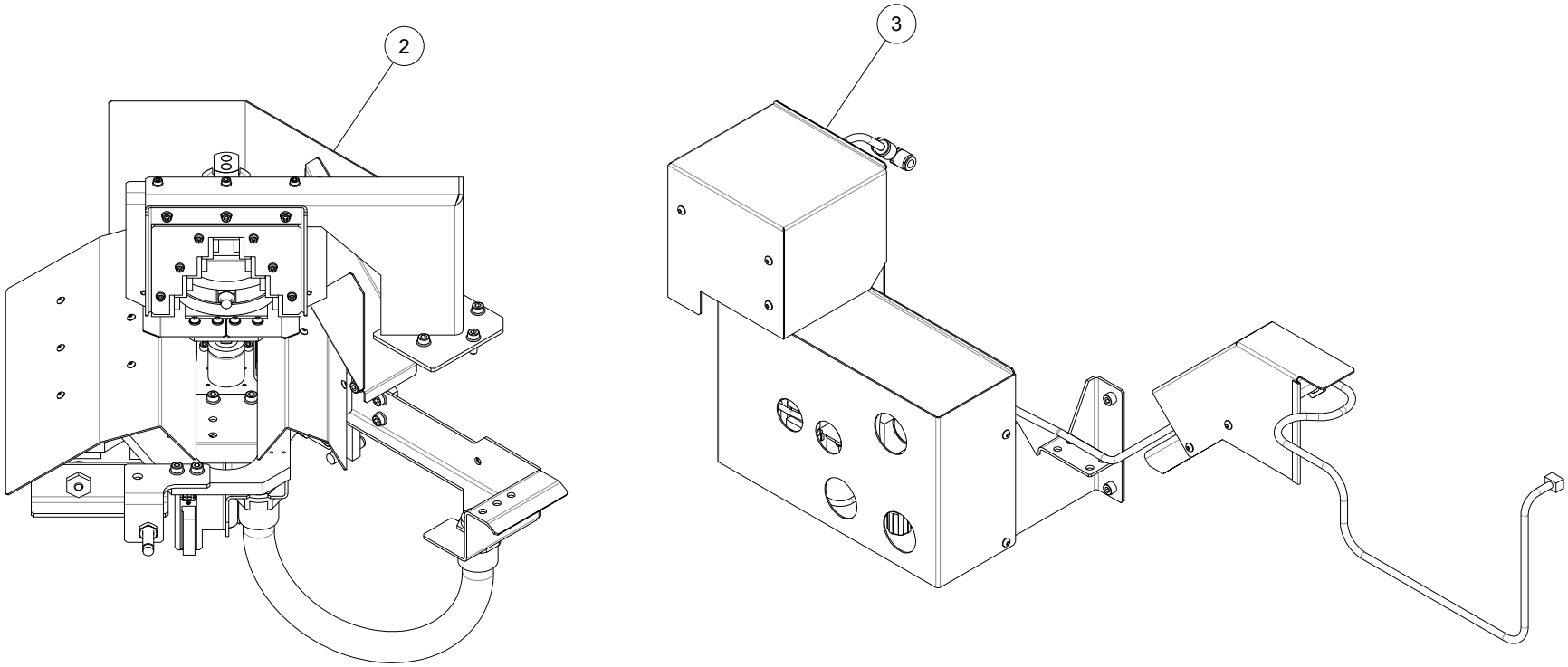
6817276

Unit No. 285 Assembly and Adjustment <41/2"ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817276	4-1/2"ASSY	Index 2-17	1
2	74389910 740091499	4-1/2" Eccentric Key CW 0.01		1
3	74902103 740091498	4-1/2" Eccentric Key CW 0.02		1
4	74902102 740091497	4-1/2" Eccentric Key CW 0.03		1
5	74389909 740091496	4-1/2" Eccentric Key CW 0.04		1
6	74389908 740091495	4-1/2" Eccentric Key CW 0.05		1
7	74389907 740091494	4-1/2" Eccentric Key CW 0.06		1
8	74389906 740091492	4-1/2" Eccentric Key CW 0.08		1
9	74389905 740091490	4-1/2" Eccentric Key CW 0.10		1
10	74389900 740091401	4-1/2" Eccentric Key CCW 0.01		1
11	74902099 740091402	4-1/2" Eccentric Key CCW 0.02		1
12	74902100 740091403	4-1/2" Eccentric Key CCW 0.03		1

Unit No. 285 Assembly and Adjustment <41/2"ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74389901 740091404	4-1/2" Eccentric Key CCW 0.04		1
14	74902101 740091405	4-1/2" Eccentric Key CCW 0.05		1
15	74389902 740091406	4-1/2" Eccentric Key CCW 0.06		1
16	74389903 740091408	4-1/2" Eccentric Key CCW 0.08		1
17	74389904 740091410	4-1/2" Eccentric Key CCW 0.10		1

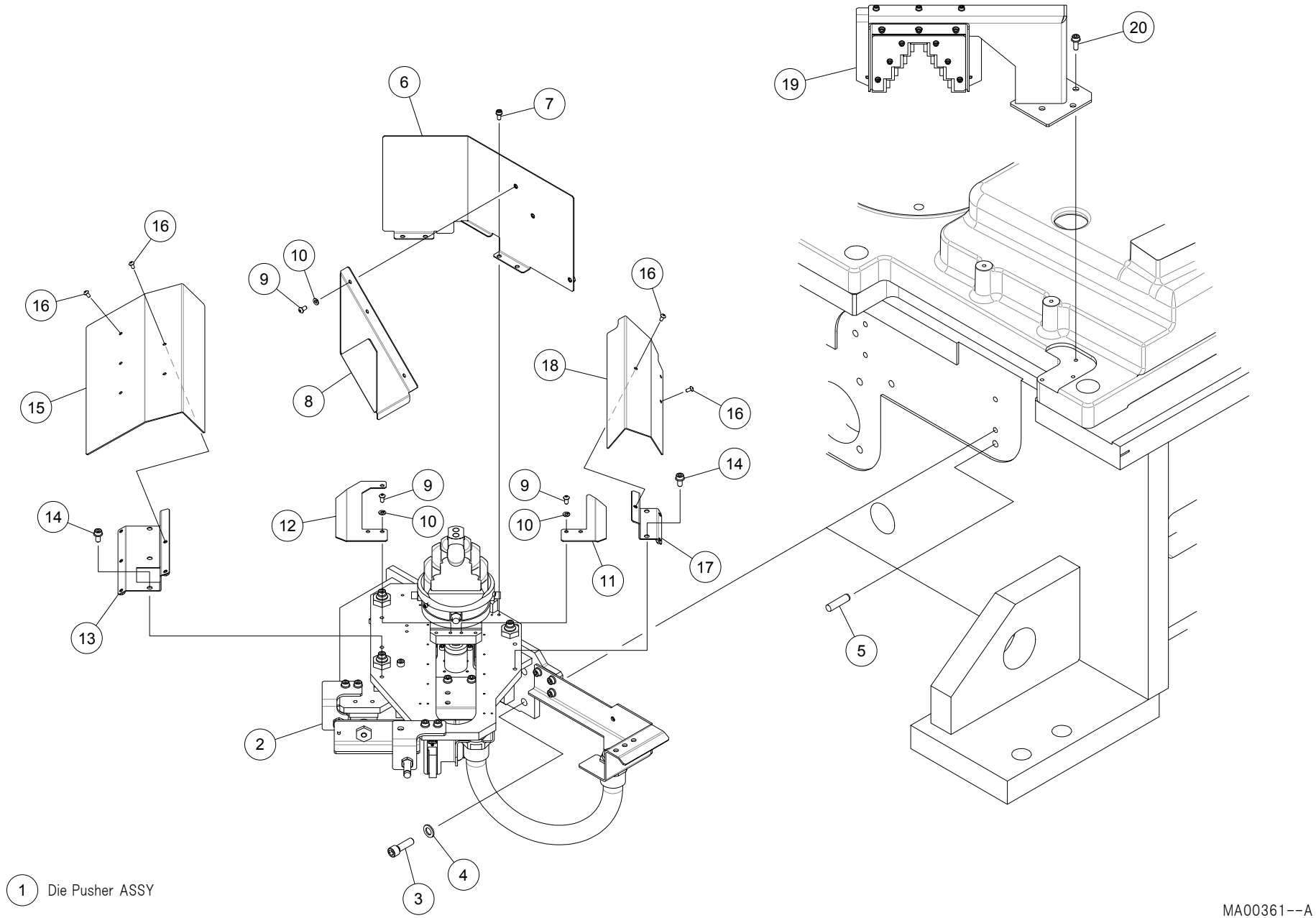


(1) Die Pusher ASSY

MA07801---

Unit No. 286 TSU Module BF <Die Pusher ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07801---	Die Pusher ASSY	Index 23	1
2	MA00361--A	Die Pusher ASSY		1
3	MA07776--A	DP Pneumatic ASSY		1

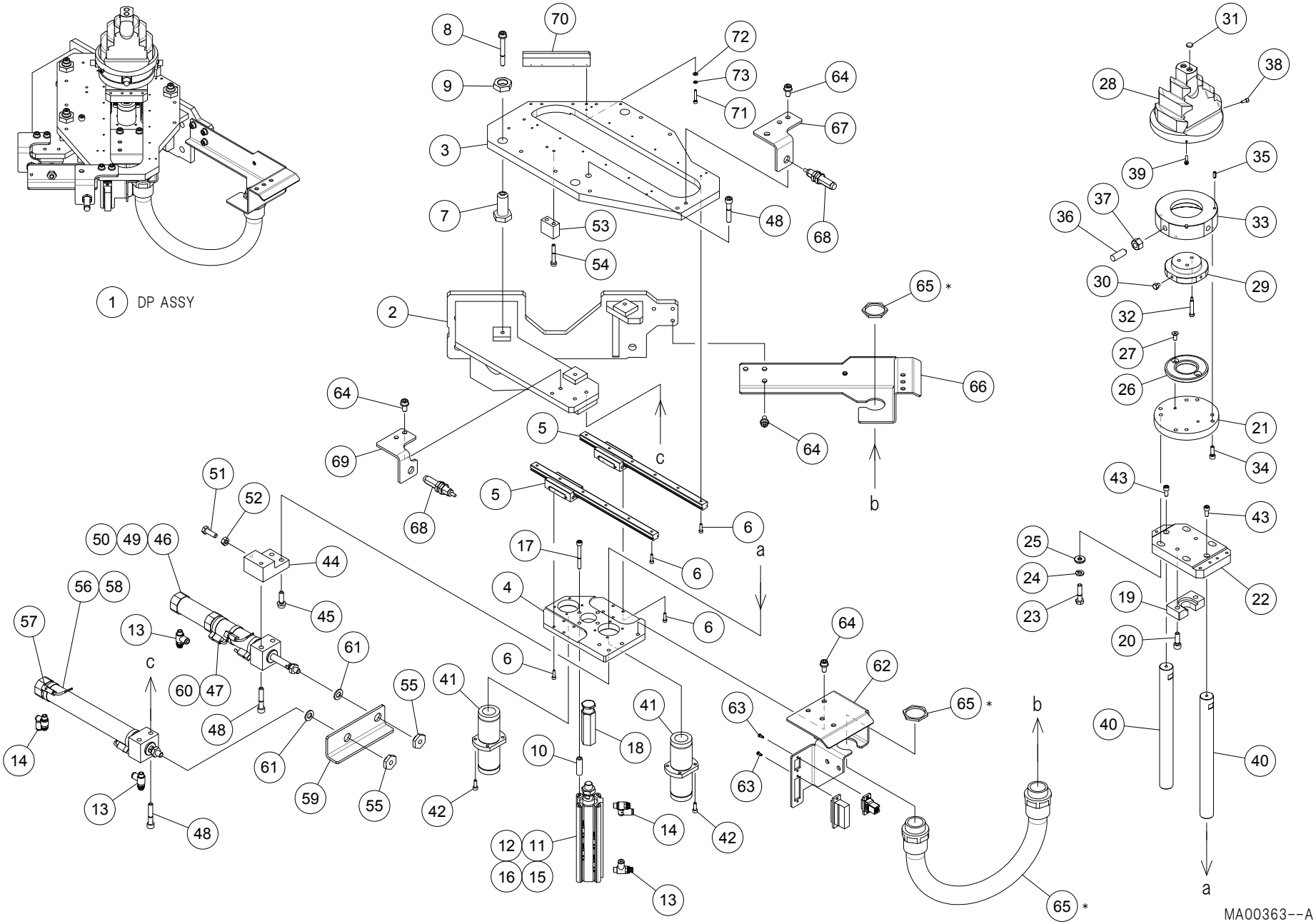

1 Die Pusher ASSY
MA00361--A

Unit No. 287 TSU Module BF <Die Pusher ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA00361--A	Die Pusher ASSY	Index 2-20	1
2	74402983 MA00363--A	DP ASSY		1
3	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
4	74183031 P336000008	Washer JIS	12(Normal)	4
5	74900539 P337020072	Parallel Pin JIS	A-13X50	3
6	74900060 MA00439---	Base Cover 1		1
7	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	4
8	74900188 MA02896---	Base Cover 4		1
9	74183309 P334500014	Button Head Screw JIS	M6X12	8
10	74178737 P336050005	Spring Washer JIS	6	8
11	74900077 MA00469---	Cover 1		1
12	74900083 MA00479--B	Cover 2		1

Unit No. 287 TSU Module BF <Die Pusher ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900080 MA00474---	Base Cover Bracket 2		1
14	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	5
15	74900079 MA00473---	Base Cover 2		1
16	74183301 P334500009	Button Head Screw	M5X10	8
17	74900082 MA00478---	Base Cover Bracket 3		1
18	74900081 MA00477---	Base Cover 3		1
19	74900041 MA00365---	Cleaning ASSY		1
20	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3


1 DP ASSY
MA00363--A

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74402983 MA00363--A	DP ASSY	Index 2-74	1
2	74900051 MA00422---	Unit Bracket		1
3	74900054 MA00433---	Guide Plate		1
4	74900055 MA00434---	Cylinder Plate		1
5	74900025 7831350---	Linear Guide NSK	LS150320ALC1T07KCZ	2
6	74183601 P330200018	Hex Socket Cap Screw	M4X15	20
7	74900069 MA00448---	Adjust Bolt		3
8	74900534 P330468009	Flange Socket Bolt NISSAN NEJI	M8X65	3
9	74900536 P332088008	Nut MISUMI	ANN20-1.5	3
10	74900042 MA00370---	Pipe		4
11	74900573 P550012944	Pneumatic Cylinder SMC	CDQ2A32-125DCMZ-A939 with Index 12	1
12	74900611 P829008014	Proximity Switch SMC	A93L (Lead Wire 3m)	2

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	5
14	74561191 P555002114	Speed Controller SMC	AS2301F-01-06S	2
15	74415516 P230222205	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-6M	3
16	74900076 MA00468--A	Cable S-51-1	(SQ465-473)	1
17	74309804 P330220017	Hex Socket Cap Screw	M6X55	4
18	74900565 P409208092	Floating Joint MISUMI	FJLC14-1.5-70	1
19	74900566 P409708005	Holder MISUMI	HLRA18	1
20	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
21	74900056 MA00435---	Push Base 1		1
22	74900070 MA00449---	Push Base 2		1
23	74300617 P330030009	Bolt	M8X35	4
24	74183103 P336050006	Spring Washer JIS	8	4

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900537 P336238077	Washer MISUMI	WSSB20-8-3	4
26	74900564 P407072006	Bushing OILES Industry	SPW-4007	1
27	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	2
28	74900059 MA00438---	Push Lock		1
29	74900057 MA00436---	Bottom Push Plate		1
30	74900548 P337104095	Locating Pin MISUMI	SSTEH10	4
31	74900522 P229138017	Blind Plug THK	C6	2
32	74576131 P338134092	Shoulder Screw MISUMI	MSB6-30	3
33	74900058 MA00437---	Cap		1
34	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
35	74900542 P337030037	Spring Pin JIS	5X12AW	1
36	74900550 P338104038	Spring Plunger MISUMI	PJH-N12-5	4

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74381588 P332000033	Nut JIS	M12(Type-1)	4
38	74314401 P330200015	Hex Socket Cap Screw	M4X10	2
39	74183602 P330200021	Hex Socket Cap Screw	M4X20	1
40	74900043 MA00381---	Shaft		2
41	74900569 P446007020	LM Guide MISUMI	LHMCW-MX25	2
42	74314403 P330210006	Hex Socket Cap Screw	M5X15	8
43	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
44	74900052 MA00426---	Cylinder Bracket		1
45	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
46	74900036 7831705---	Two Stroke Cylinder SMC	CDM2RA32-XC11-DCN8954N with Index 4760	1
47	74900612 P829008017	Cylinder Switch SMC	D-C73	1
48	74183629 P330230011	Hex Socket Cap Screw	M8X45	5

Unit No. 288 TSU Module BF <DP ASSY>

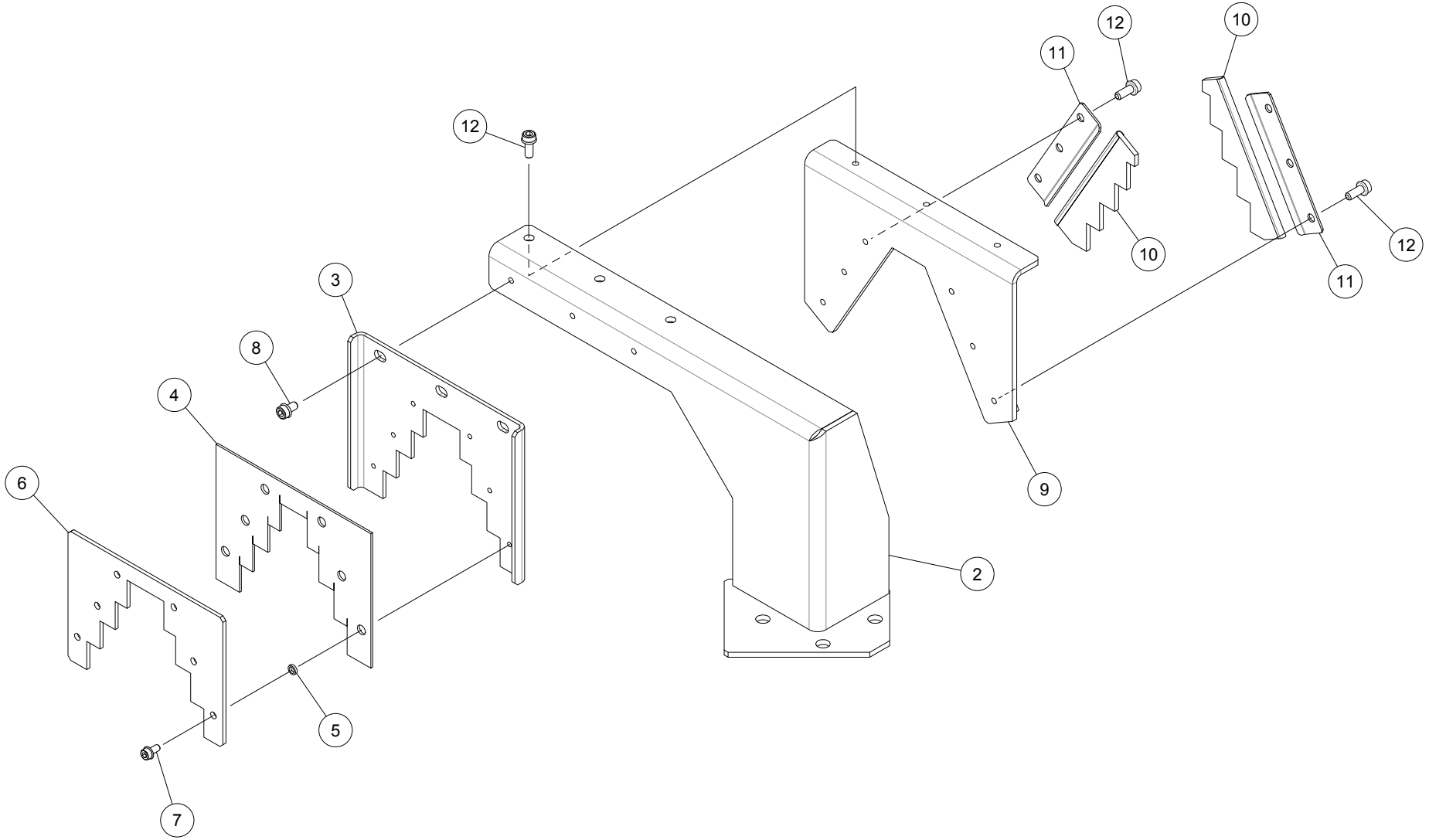
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74415516 / P230222205	Plastic Hose / NITTA MOORE	N2-4-6X4(Black)-6M	2
50	74900075 / MA00467--B	Cable S-50-1	(SQ462-464)	1
51	74900531 / P330030054	Bolt	M8X25(All-thread)	1
52	74300509 / P332000031	Nut / JIS	M8(Type-1)	1
53	74900044 / MA00384---	Stopper Block		1
54	74810528 / P330468031	Flange Socket Bolt / NISSAN NEJI	M6X40	2
55	74402984 / WA00516---	Joint Nut A		2
56	74900572 / P550012933	Pneumatic Cylinder / SMC	CDM2RA32-200A-C73Z / with Index 57	1
57	74900612 / P829008017	Cylinder Switch / SMC	D-C73	1
58	74900074 / MA00466--A	Cable S-53	(SQ460461)	1
59	74402985 / WA00517---	Cylinder Joint Bracket		1
60	74401328 / P829003106	Proximity Switch / YAMATAKE	FL7M-2J6HD-R	1

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74183029 P336000007	Washer JIS	10(Normal)	2
62	74900050 MA00413---	Piping Bracket 1		1
63	74900614 P862182003	Accessory for Connector AMP	900128-3	4
64	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	9
65	74900071 MA00462--A	Cable S-50_51		1
66	74900068 MA00447---	Piping Bracket 2		1
67	74900053 MA00432---	Shock Absorber Bracket 1		1
68	74470620 P549318039	Shock Absorber SMC	RB1411	2
69	74900047 MA00394---	Shock Absorber Bracket 2		1
70	74900078 MA00470---	Reinforcing Bar		1
71	74314402 P330200022	Hex Socket Cap Screw	M4X25	4
72	74776845 P336000092	Washer JIS	4(Normal)	4

Unit No. 288 TSU Module BF <DP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74168422	Spring Washer	4	4
	P336050003	JIS		
74	74307821	Cable Band	CV-150N	5
	P381058012	SHIBAKEI	List Only	

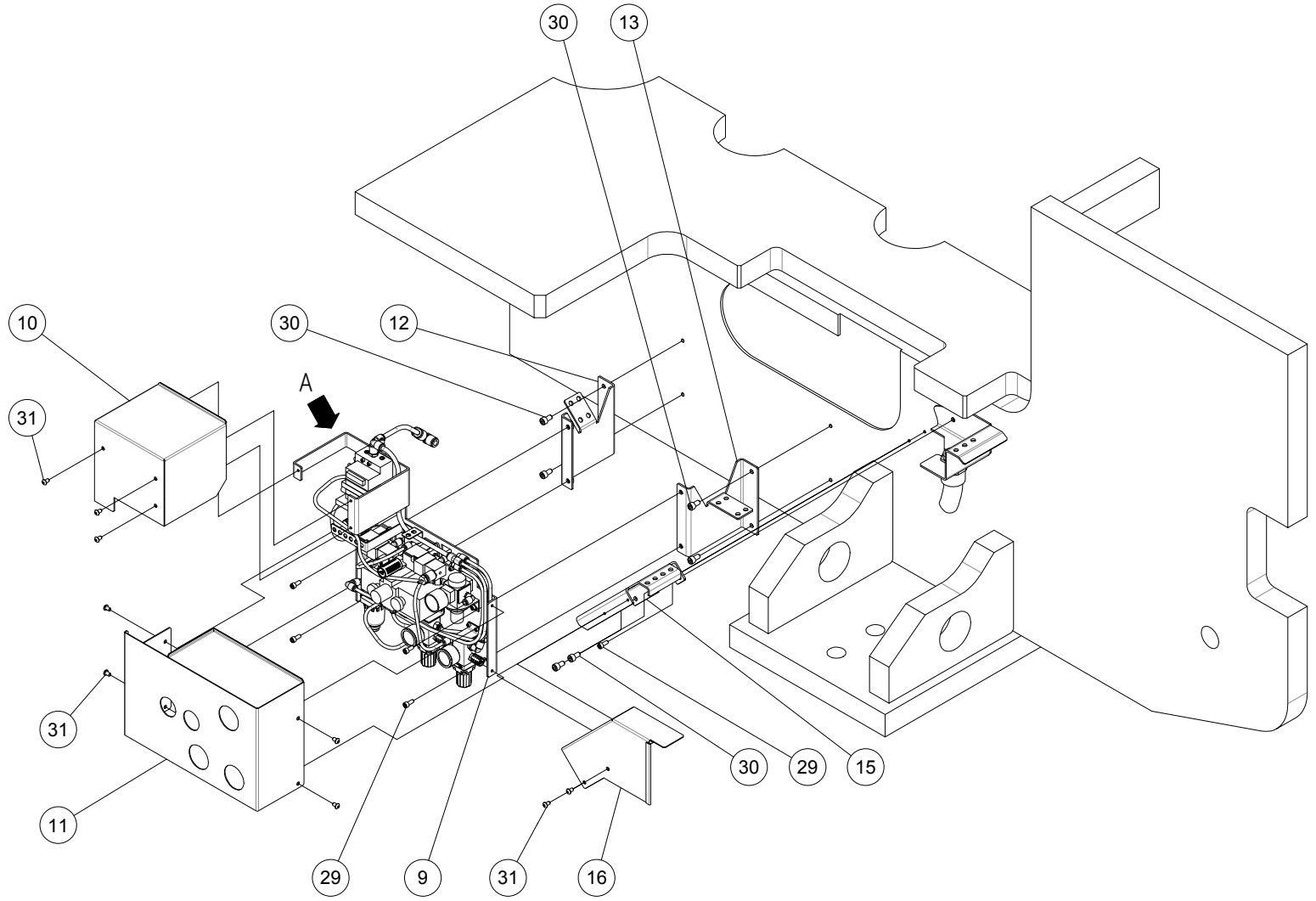


(1) Cleaning ASSY

MA00365---

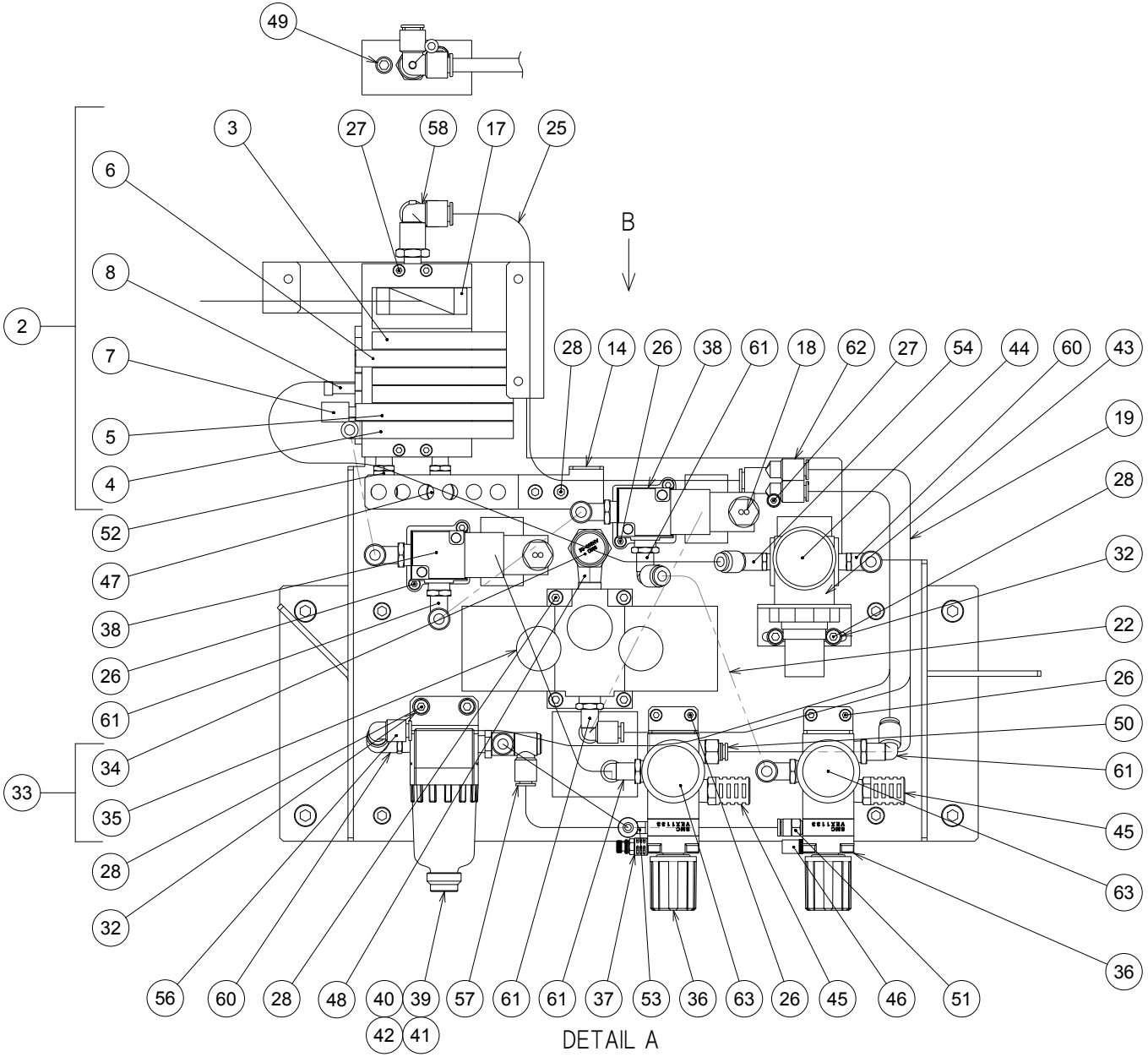
Unit No. 289 TSU Module BF <Cleaning ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74900041 MA00365---	Cleaning ASSY	Index 2-12	1
2	74900061 MA00440--A	Cleaning Bracket		1
3	74900063 MA00442---	Scraper Bracket 1		1
4	74900062 MA00441--A	Scraper		1
5	74387674 7401917 A	Collar		6
6	74900064 MA00443---	Scraper Bracket 2		1
7	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	6
8	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	3
9	74900066 MA00445---	Brush Bracket 1		1
10	74900065 MA00444---	Brush		2
11	74900048 MA00400---	Brush Bracket 2		2
12	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	9



(1) DP Pneumatic ASSY

MA07776--A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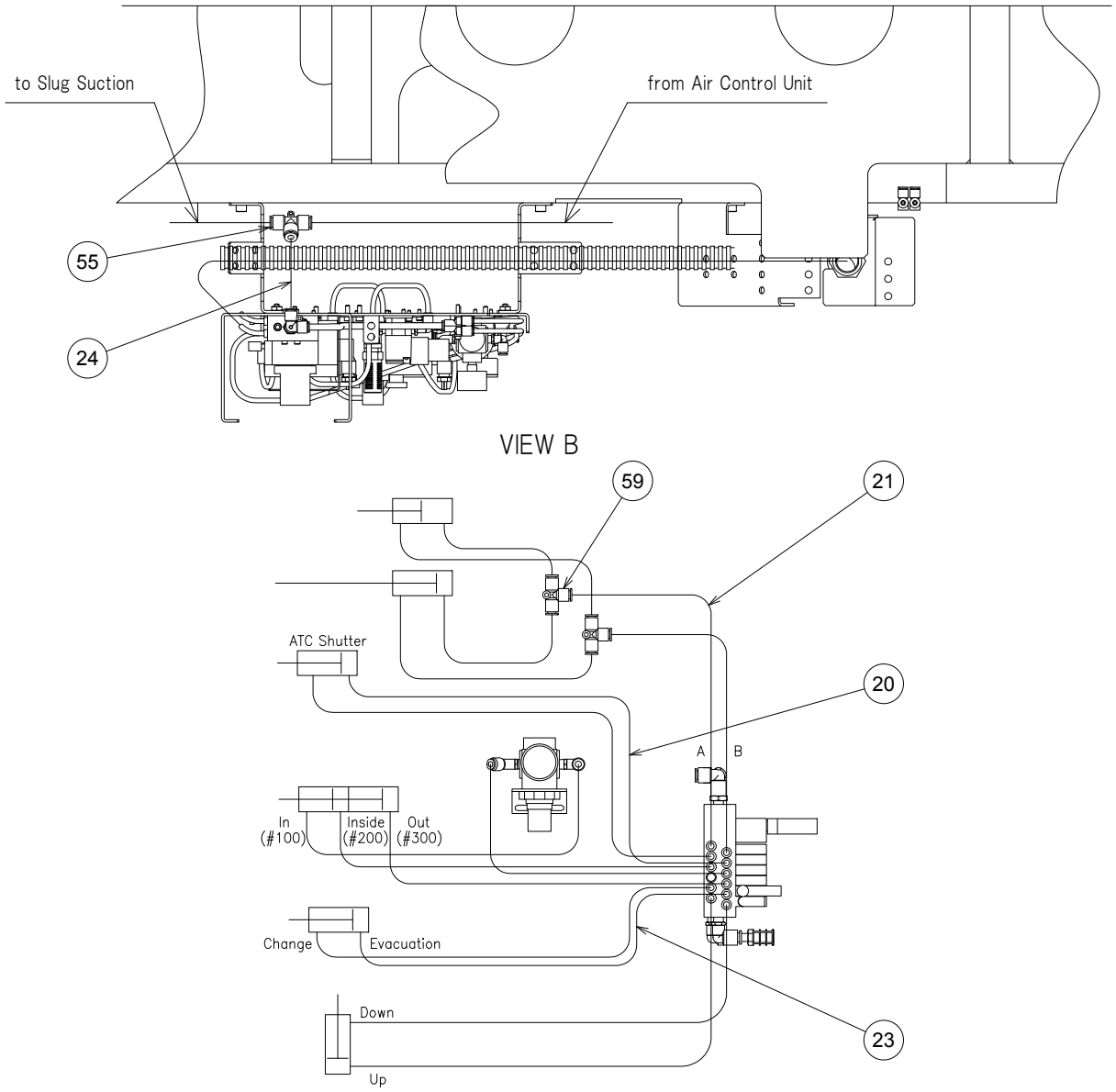
MA07776--A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MA07776--A

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07776--A	DP Pneumatic ASSY	Index 2-63	1
2	74900037 7831721---	Manifold Valve SMC	SS5Y3-50F1-X57 Index 3-8	1
3	74900578 P556002718	Directional Control Valve SMC	SY3100B-5U1	1
4	74900579 P556002719	Directional Control Valve SMC	SY3101K-5U1	1
5	74900580 P556002720	Directional Control Valve SMC	SY3300B-5U1	1
6	74900581 P556002721	Directional Control Valve SMC	SY3400B-5U1	1
7	74900584 P557032023	Silencer SMC	AN103-KM6	1
8	74777056 P586643007	Pneumatic Plug SMC	KQ2P-06	1
9	74402676 MA07777---	Solenoid Panel		1
10	74402677 MA07778--A	Solenoid Cover 1		1
11	74402678 MA07779---	Solenoid Cover 2		1
12	74402679 MA07780---	Solenoid Bracket L		1

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402680 MA07781---	Solenoid Bracket R		1
14	74402681 MA07782---	Cable Stay		1
15	74402682 MA07783---	Flex Base		1
16	74402683 MA07784---	Flex Base Cover		1
17	74402684 MA07785---	Cable TMD		1
18	74402685 MA07786---	Cable S-52		1
19	74901382 P230222068	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-3M	1
20	74565259 P230222089	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-2.5M	2
21	74570235 P230222120	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-4M	2
22	74903064 P230222134	Plastic Hose NITTA MOORE	N2-4-6X4(Black)-1M	1
23	74416432 P230222227	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.0M	2
24	74489961 P230232086	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-1.2M	1

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74489961 P230232086	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-1.2M	1
26	74314401 P330200015	Hex Socket Cap Screw	M4X10	8
27	74300603 P330200025	Hex Socket Cap Screw	M4X40	5
28	74314403 P330210006	Hex Socket Cap Screw	M5X15	10
29	74183608 P330220006	Hex Socket Cap Screw	M6X15	5
30	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
31	74183302 P334500013	Button Head Screw	M6X10	9
32	74776840 P336000080	Washer	5(Normal)	4
33	74900571 P549338012	Valve SMC	VBA10A-02GN Index 3435	1
34	74175512 P557032005	Silencer SMC	AN200-02	1
35	74900606 P600002021	Pressure Gauge SMC	G27-20-01	1
36	74562513 P553002066	Regulator SMC	VEX1133-02-B	2

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

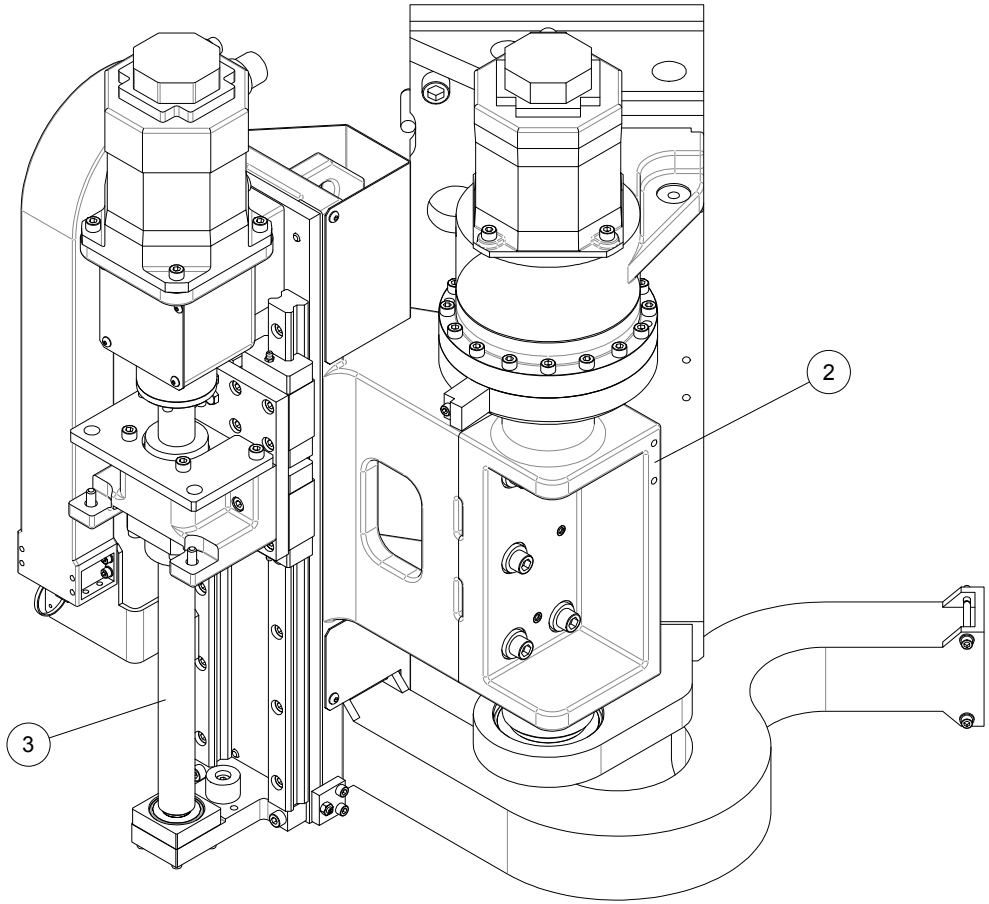
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74562514 P555002126	Speed Controller SMC	ASN2-M5	1
38	74389803 P556002347	Air Directional Control Valve SMC	VT307-5DZ-02F	2
39	74452608 P557002079	Air Filter SMC	AFM20-01BC Index 40-42	1
40	74900587 P557052015	Element Assembly SMC	AFM20-060AS	1
41	74900589 P557508001	Case Assembly SMC	C2SFP	1
42	74900605 P590038087	Case O Ring SMC	C2SFP-260S	1
43	74452609 P557022053	Regulator SMC	AR20K-01BG Index 44	1
44	74706207 P600002003	Pressure Gauge SMC	G36-10-01	1
45	74717447 P557032008	Silencer SMC	AN203-02	2
46	74382121 P557032011	Silencer SMC	AN120-M5	1
47	74389802 P557032022	Silencer SMC	AN203-KM8	2
48	74175934 P580050011	Elbow JIS	1/4(Male-Female)	1

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74777005 P580208022	Plug for Piping	PT-1/8	3
50	74777031 P586533069	One Touch Fitting SMC	KQ2H06-02S	1
51	74900591 P586533111	One Touch Fitting SMC	KQ2H06-M5	1
52	74451528 P586563123	One Touch Fitting SMC	KQ2L08-01S (Reducer Elbow)	2
53	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	1
54	74810530 P586563130	One Touch Fitting SMC	KQ2K06-01S	1
55	74900594 P586563160	One Touch Fitting SMC	KQ2T10-08	1
56	74569430 P586563168	One Touch Fitting SMC	KQ2L06-99	1
57	74420475 P586563186	One Touch Fitting SMC	KQ2VD06-01S	1
58	74900596 P586563284	One Touch Fitting SMC	KQ2D08-01S	1
59	74777046 P586593007	One Touch Fitting SMC	KQ2T06-00	2
60	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	2

Unit No. 290 TSU Module BF <DP Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74569148	One Touch Fitting	KQ2L06-02S	11
	P586623032	SMC		
62	74777049	One Touch Fitting	KQ2UD06-08	1
	P586623040	SMC		
63	74389806	Pressure Gauge	G36-7-01	2
	P600002012	SMC		

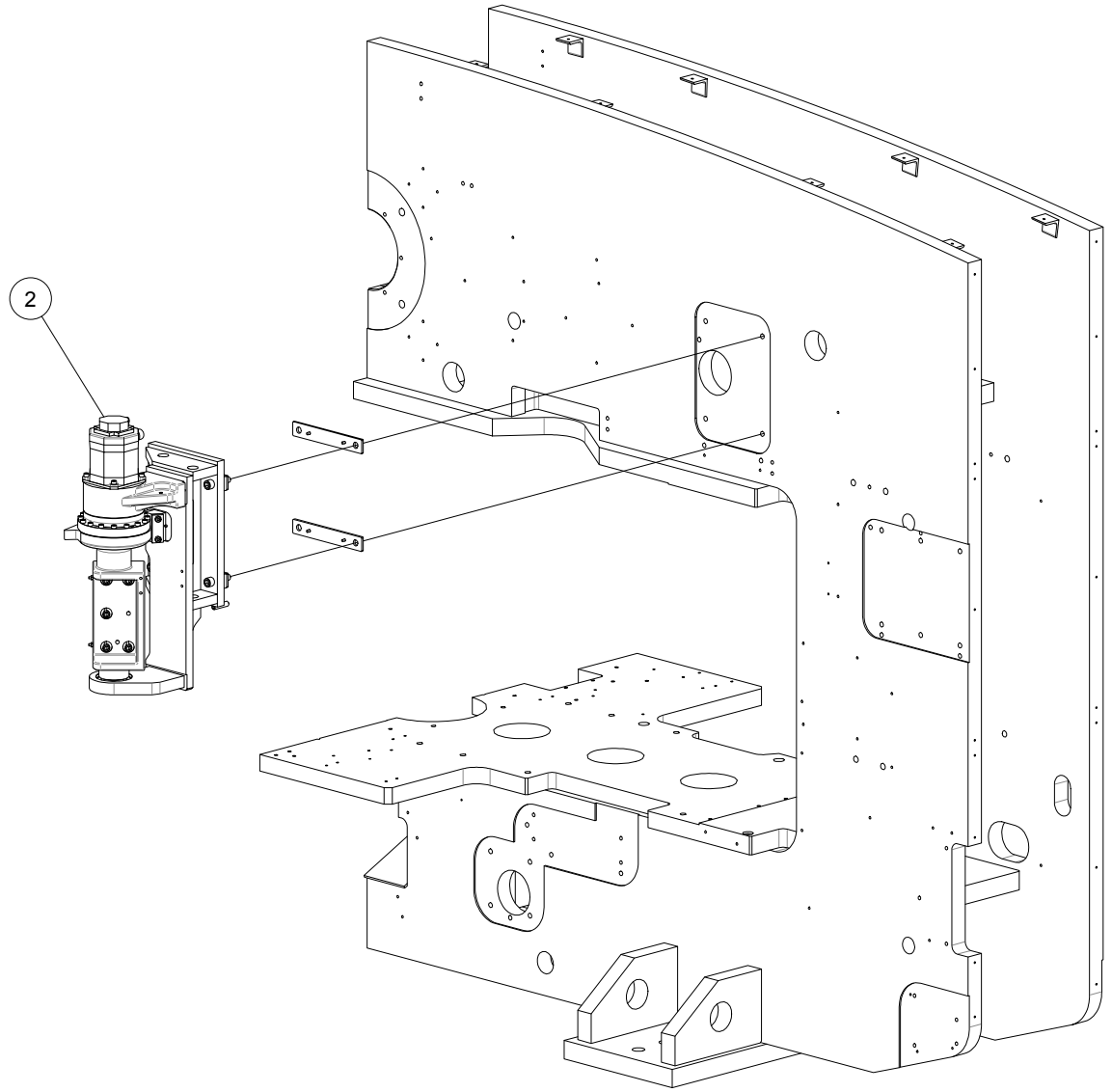


(1) Changer ASSY

MA07802---
(MA04396---)

Unit No. 291 TSU Module BF <Changer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07802---	Changer ASSY	Index 2-6	1
2	MA07803---	CR-axis		1
3	MA07804---	CZ-axis		1
4	MA06281---	CX-axis	List Only	1
5	MA01815---	Shipping Bracket Installation	List Only	1
6	MA06275---	Changer Electric	List Only	1

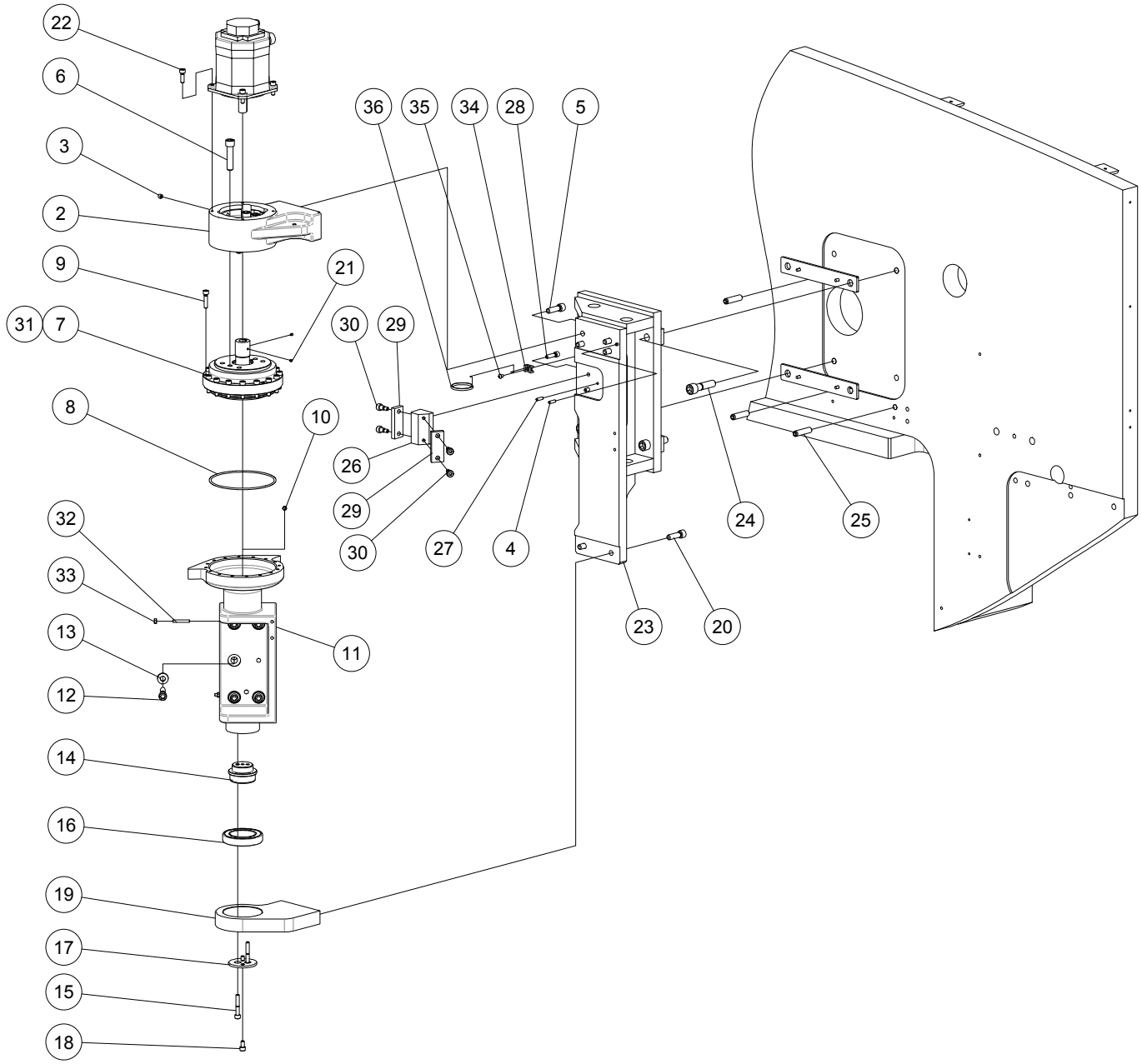


(1) CR-axis

MA07803---
(MA05090---)

Unit No. 292 TSU Module BF <CR-axis>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07803---	CR-axis	Index 2	1
2	MA07806---	CR-axis ASSY		1



(1) CR-axis ASSY

MA07806---
(MA05091#1-)

Unit No. 293 TSU Module BF <CR-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07806---	CR-axis ASSY	Index 2-37	1
2	74900103 MA01802--A	Gear Base		1
3	74900585 P557033006	Silencer TAIYO LTD.	PSA101	1
4	74900540 P337020150	Parallel Pin JIS	B-6X20	1
5	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
6	74900533 P330260010	Hex Socket Cap Screw JIS	M14X60	6
7	74900026 7831377---	Gear Reducer	RV-40E-57	1
8	74900604 P590038044	O Ring MITSUBISHI	AS568A-258-1A	1
9	74183625 P330230009	Hex Socket Cap Screw	M8X35	16
10	74777005 P580208022	Plug for Piping	PT-1/8	1
11	74900200 MA05092---	CR Joint		1
12	74165310 0827014 B	Washer M12		5

Unit No. 293 TSU Module BF <CR-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74304914 P330250010	Hex Socket Cap Screw	M12X55	5
14	74900104 MA01806--A	CR Shaft		1
15	74183630 P330230012	Hex Socket Cap Screw	M8X50	2
16	74900557 P400010660	Deep Groove Ball Bearing NSK(equality)	6012ZZ	1
17	74900105 MA01807---	Bearing Retainer		1
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
19	74900106 MA01808---	CR Bearing Housing		1
20	74183704 P330250007	Hex Socket Cap Screw	M12X40	2
21	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Point)	2
22	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
23	74402686 MA07807---	CR Base		1
24	74183664 P330260036	Hex Socket Cap Screw	M16X60	4

Unit No. 293 TSU Module BF <CR-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900546 P337050092	Parallel Pin Ohkita	13X50(Inner Screw)M6	3
26	74900201 MA05093---	CR Stopper 1		1
27	74900540 P337020150	Parallel Pin JIS	B-6X20	1
28	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
29	74900016 7427525	CR Urethane		2
30	74776872 P338134062	Shoulder Screw MISUMI	MSB10-10	4
31	74900523 P238048002	Grease Nabtesco	250g	2
32	74387794 P330550107	Socket Set Screw MOURI	M6X40(Flat Point)	2
33	74776795 P332000004	Nut JIS	M6	2
34	74568661 P381058101	Cable Band KITAGAWA	TM3S25	1
35	74183302 P334500013	Button Head Screw	M6X10	1
36	74571460 P381058056	Cable Band KITAGAWA	SKB-3M	1

Unit No. 293 TSU Module BF <CR-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74900615	Flexible Conduit	CTUB22-0.7M	1
	P869028119	MISUMI	List Only	

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MA07804---

Unit No. 294 TSU Module BF <CZ-axis>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07804---	CZ-axis	Index 23	1
2	MA07808---	CZ LM Base Kit 35		1
3	MA07809---	CZ-axis ASSY		1

< List Only >

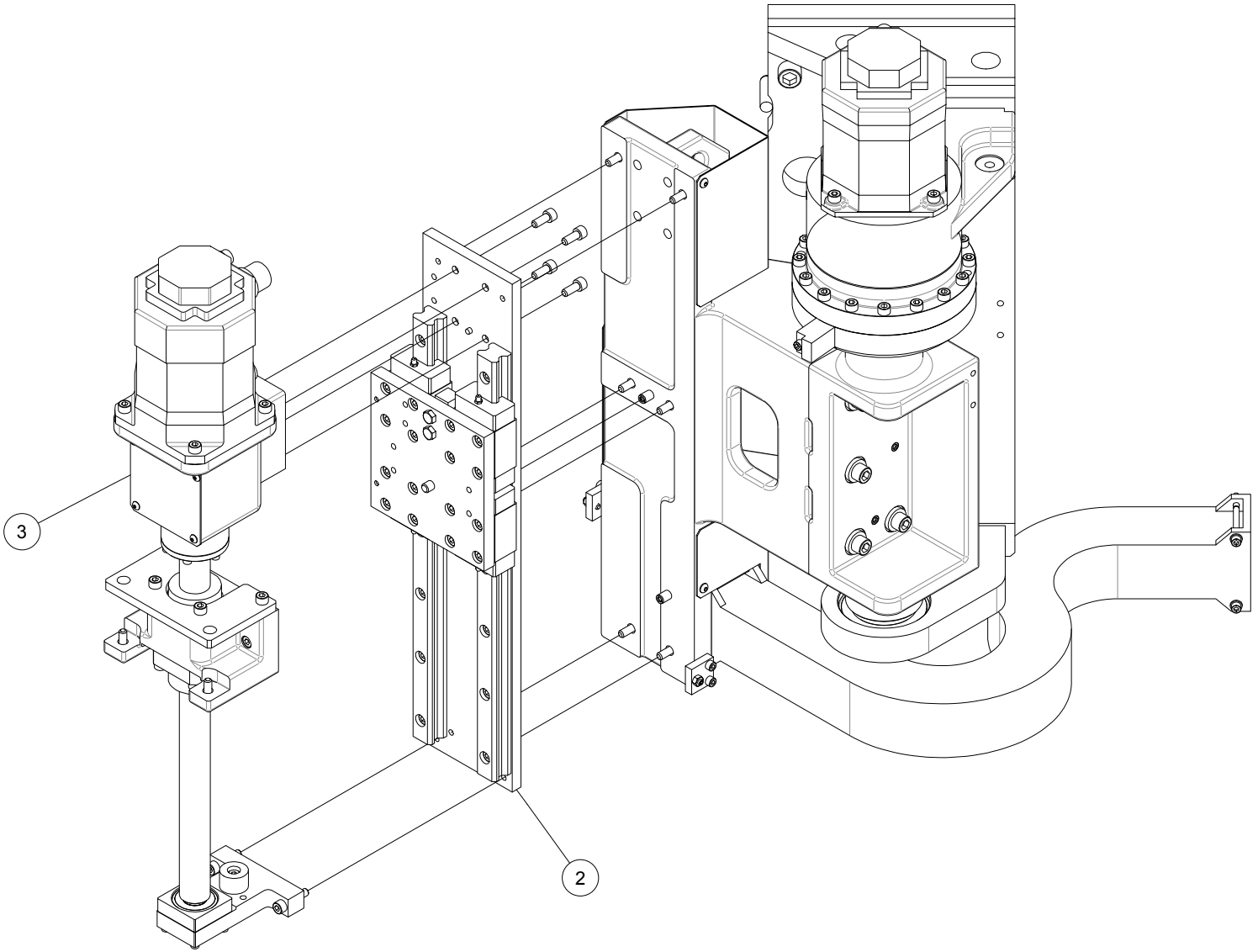
MA07808---

Unit No. 295 TSU Module BF <CZ LM Base Kit 35>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07808---	CZ LM Base Kit 35	Index 2-22	1
2	74402687 MA07810---	CZ LM Base 35		1
3	74900545 P337050074	Parallel Pin Ohkita	10X30(Inner Screw)M6	2
4	74379075 6140189	Collar		6
5	74183625 P330230009	Hex Socket Cap Screw	M8X35	6
6	74900123 MA01857--A	Block CZ		2
7	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
8	74706213 P330550031	Socket Set Screw JIS	M6X20(Flat Point)	2
9	74776795 P332000004	Nut JIS	M6	2
10	74568661 P381058101	Cable Band KITAGAWA	TM3S25	4
11	74183302 P334500013	Button Head Screw	M6X10	4
12	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	8

Unit No. 295 TSU Module BF <CZ LM Base Kit 35>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402688 MA07811---	CZ Duct Cover A		1
14	74183302 P334500013	Button Head Screw	M6X10	8
15	74402689 MA07814---	Runner Flex CR Captain Industries	352.50.100/100.0.17.333.50.12PZ	1
16	74159714 P336000005	Washer JIS	6(Normal)	4
17	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	4
18	74900544 P337050043	Parallel Pin Ohkita	10X45(Inner Screw)M6	2
19	74402690 MA07813---	CR Duct Plate		1
20	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
21	74402691 MA07812---	CZ Duct Cover C		1
22	74183310 P334500015	Button Head Screw	M6X15	2

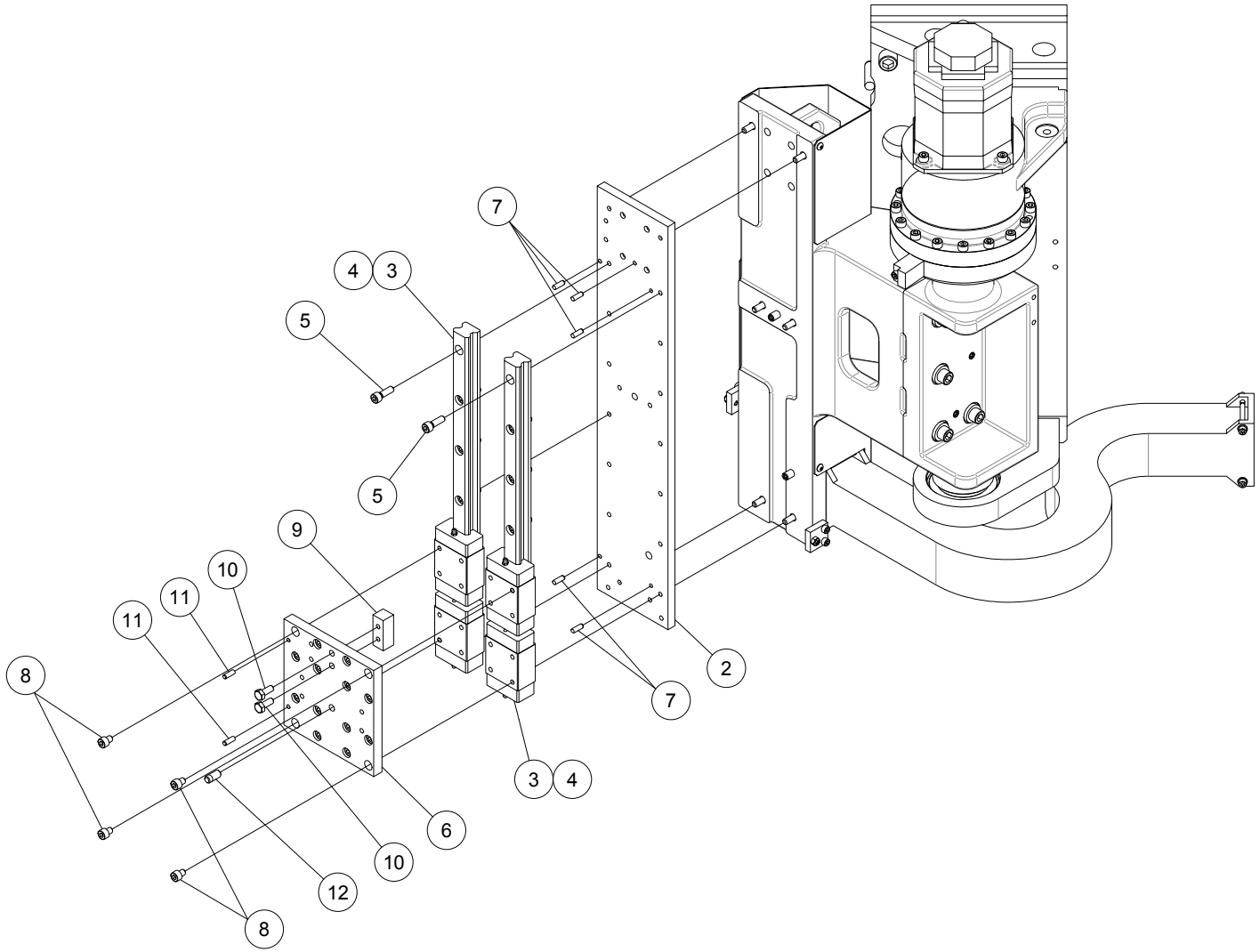


(1) CZ-axis ASSY

MA07809---
(MA04396#1-)

Unit No. 296 TSU Module BF <CZ-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07809---	CZ-axis ASSY	Index 2-4	1
2	MA01845--B	CZ LM Guide ASSY		1
3	MA04397---	CZ Ball Screw ASSY		1
4	MA07815---	CZ Duct ASSY	List Only	1

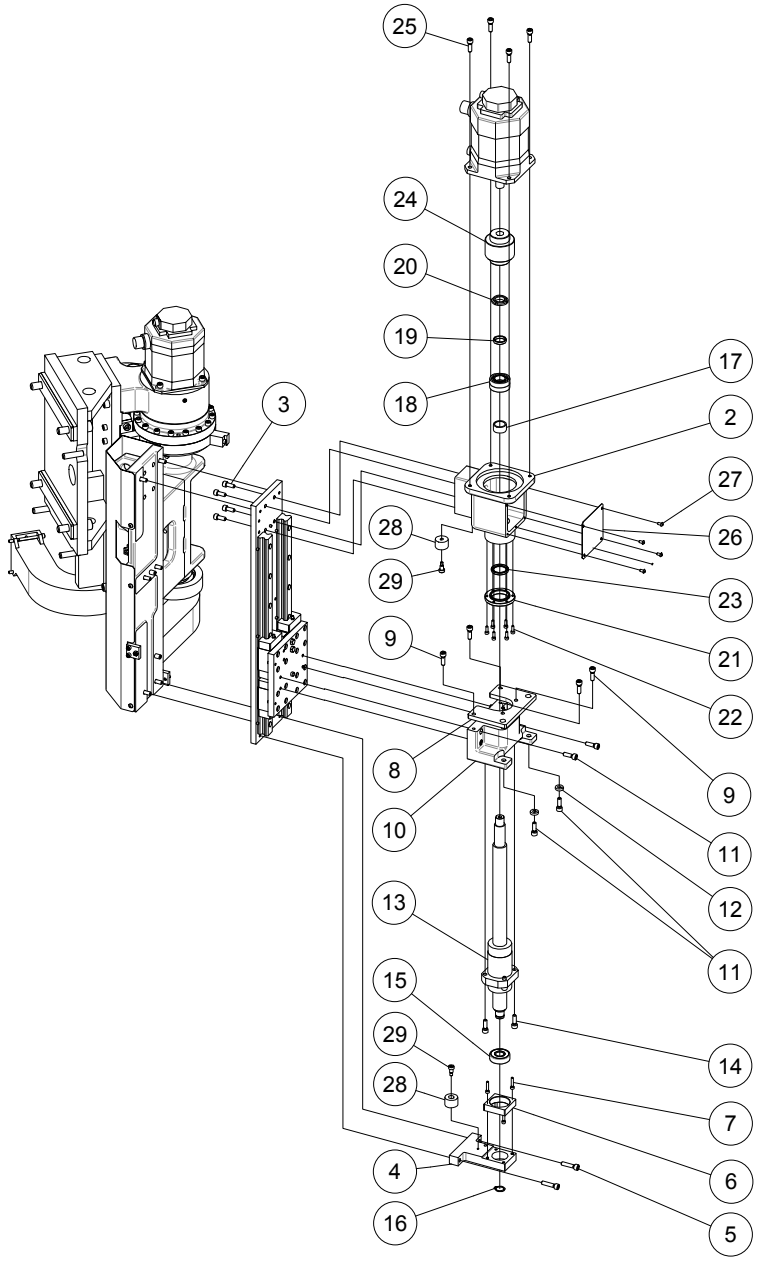


(1) CZ LM Guide ASSY

MA01845--B

Unit No. 297 TSU Module BF <CZ LM Guide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01845--B	CZ LM Guide ASSY	Index 2-12	1
2	74900110 MA01831--B	CZ LM Plate		1
3	74900028 7831386---	CZ-axis LM Guide THK	LH300530ALC2T01KCZ with Index 4	2
4	74900521 P229138015	Blind Plug THK	C8	2
5	74183623 P330230007	Hex Socket Cap Screw	M8X25	14
6	74900111 MA01832--A	CZ Slider		1
7	74900541 P337020239	Parallel Pin JIS	A-6X18	6
8	74354330 P330230001	Hex Socket Cap Screw	M8X10	16
9	74900119 MA01849---	CZ Stopper Block		1
10	74900530 P330030006	Bolt	M8X20	2
11	74900541 P337020239	Parallel Pin JIS	A-6X18	1
12	74776865 P337050012	Parallel Pin Ohkita	10X20(Inner Screw)M6	1



(1) CZ Ball Screw ASSY

MA04397---

Unit No. 298 TSU Module BF <CZ Ball Screw ASSY>

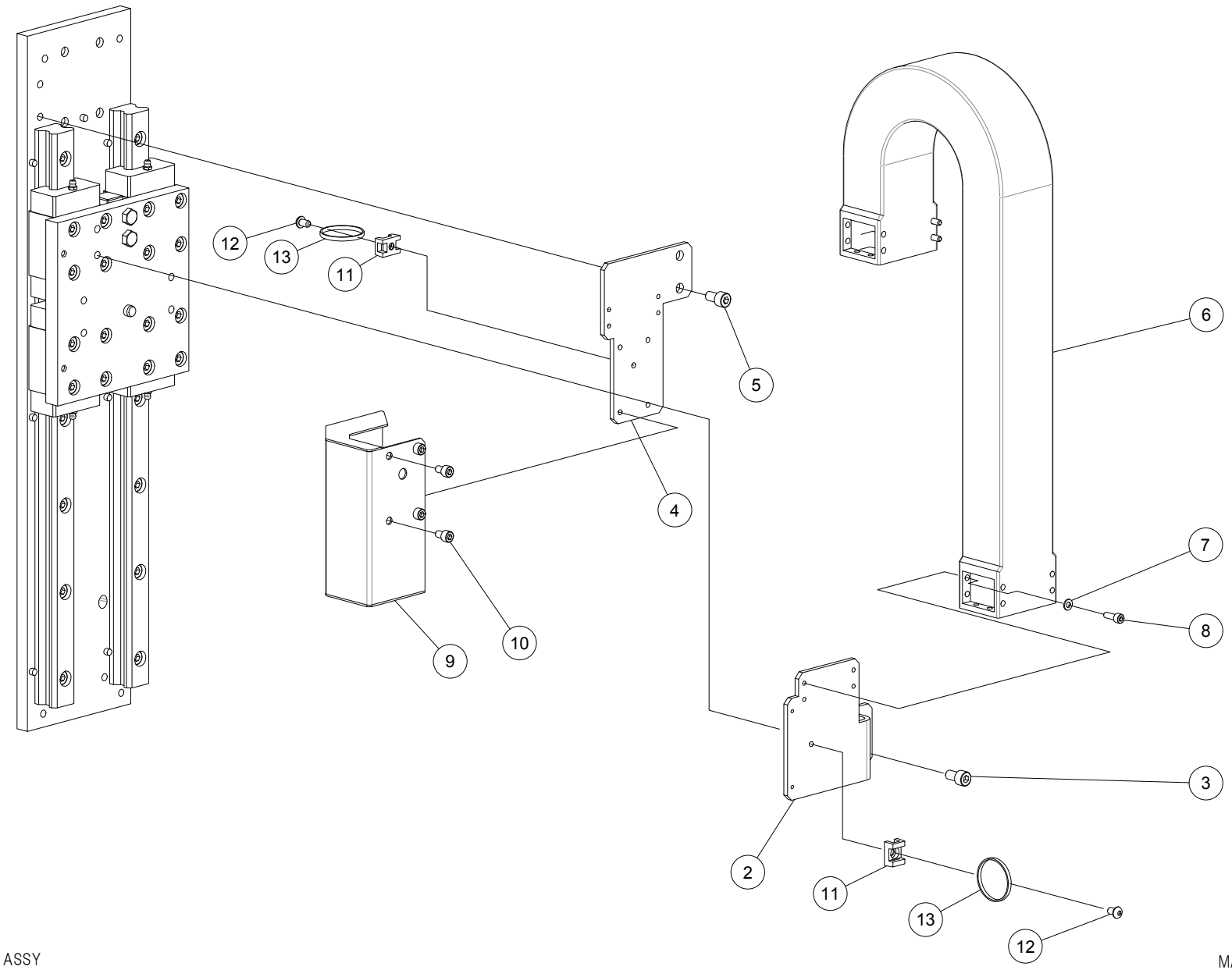
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04397---	CZ Ball Screw ASSY	Index 2-29	1
2	74900112 MA01833--A	CZ Motor Bracket		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
4	74900120 MA01851---	CZ Bearing Holder Bracket		1
5	74183625 P330230009	Hex Socket Cap Screw	M8X35	2
6	74900121 MA01852---	CZ Bearing Holder		1
7	74314405 P330210010	Hex Socket Cap Screw	M5X25	4
8	74900113 MA01834--A	CZ Plate		1
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
10	74900114 MA01835--A	CZ Nut Holder Bracket		1
11	74183623 P330230007	Hex Socket Cap Screw	M8X25	6
12	74379075 6140189	Collar		2

Unit No. 298 TSU Module BF <CZ Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900029 7831387---	CZ-axis Ball Screw NSK		1
14	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
15	74900558 P400010754	Deep Groove Ball Bearing NSK(equality)	6204DDU	1
16	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	1
17	74900559 P406127022	Bearing Ring NSK	FIR-253015	1
18	74420159 P404027049	Complex Bearing NSK	7005ADF	1
19	74420166 7407133	Collar		1
20	74900560 P406168032	Lock Nut FUJI SEIMITSU	FU05SS	1
21	74900017 7427537	Bearing Retainer		1
22	74314403 P330210006	Hex Socket Cap Screw	M5X15	6
23	74420161 P590122031	Oil Seal NOK	VB03004005	1
24	74900568 P432176017	Coupling Miki Pulley	SFC-060-DA2-20B-19B	1

Unit No. 298 TSU Module BF <CZ Ball Screw ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
26	74900014 7426451--C	CZ Coupling Cover		1
27	74183301 P334500009	Button Head Screw	M5X10	4
28	74420189 7405112	Carriage Stopper		2
29	74776869 P338134033	Shoulder Screw MISUMI	MSB8-10	2



(1) CZ Duct ASSY

MA07815---
(MA01847--A)

Unit No. 299 TSU Module BF <CZ Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07815---	CZ Duct ASSY	Index 2-13	1
2	74900115 MA01838---	CZ Duct Bracket A		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74900116 MA01839---	CZ Duct Bracket B		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
6	74900117 MA01840---	Runner Flex CZ Captain Industries	58.050.075.0.17.580.050.34	1
7	74776840 P336000080	Washer JIS	5(Normal)	8
8	74314403 P330210006	Hex Socket Cap Screw	M5X15	8
9	74402692 MA07816---	CZ Duct Cover B		1
10	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
11	74568661 P381058101	Cable Band KITAGAWA	TM3S25	2
12	74183302 P334500013	Button Head Screw	M6X10	2

Unit No. 299 TSU Module BF <CZ Duct ASSY>

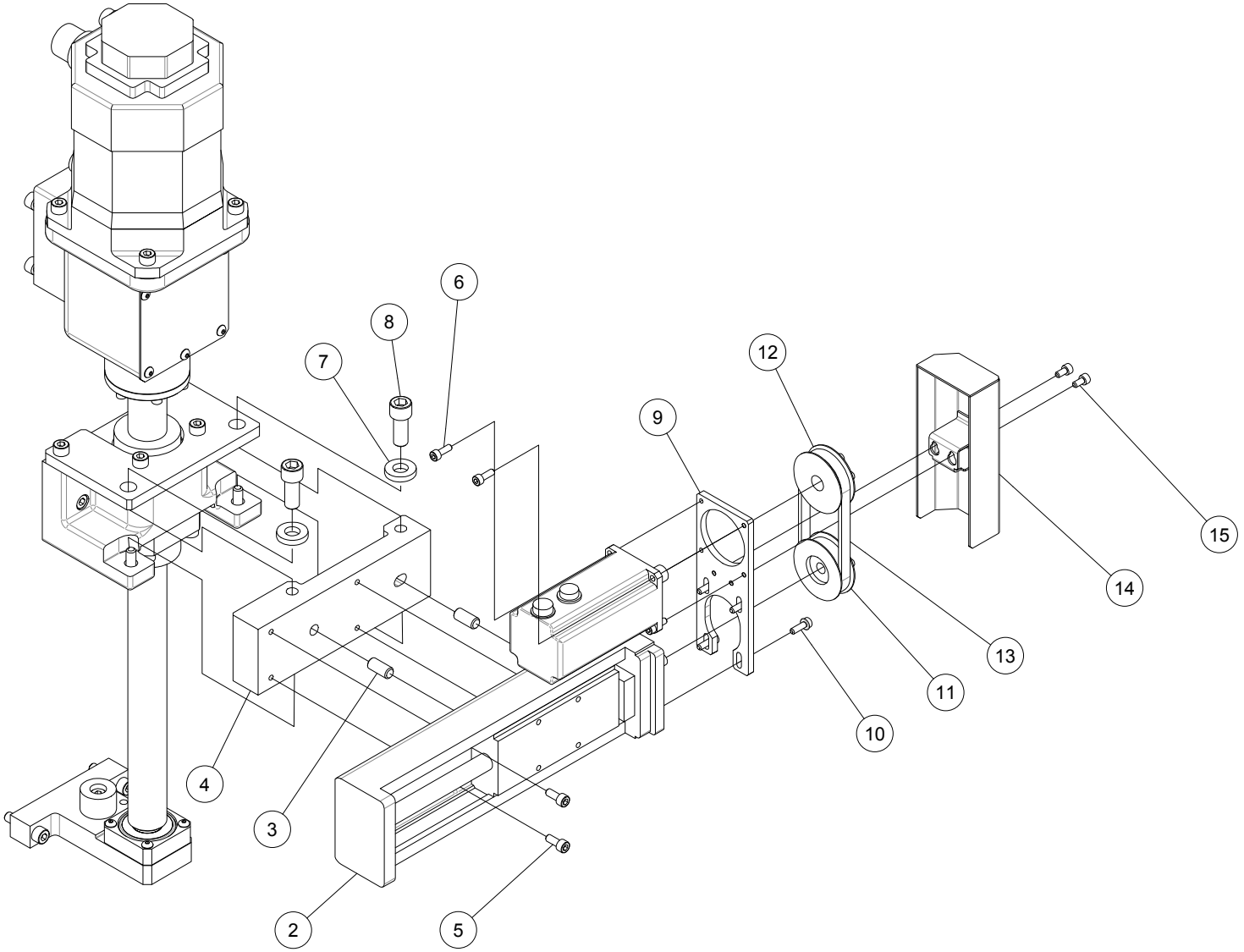
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	6

< List Only >

MA06281---

Unit No. 300 TSU Module BF <CX-axis>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06281---	CX-axis	Index 2-6	1
2	MA01860--A	CX-axis ASSY		1
3	MA06370--A	Punch Gripper ASSY		1
4	MA06265---	Die Gripper ASSY		1
5	MA01910--C	Gripper Pneumatic ASSY		1
6	MA01875--A	CX Duct ASSY		1



(1) CX-axis ASSY

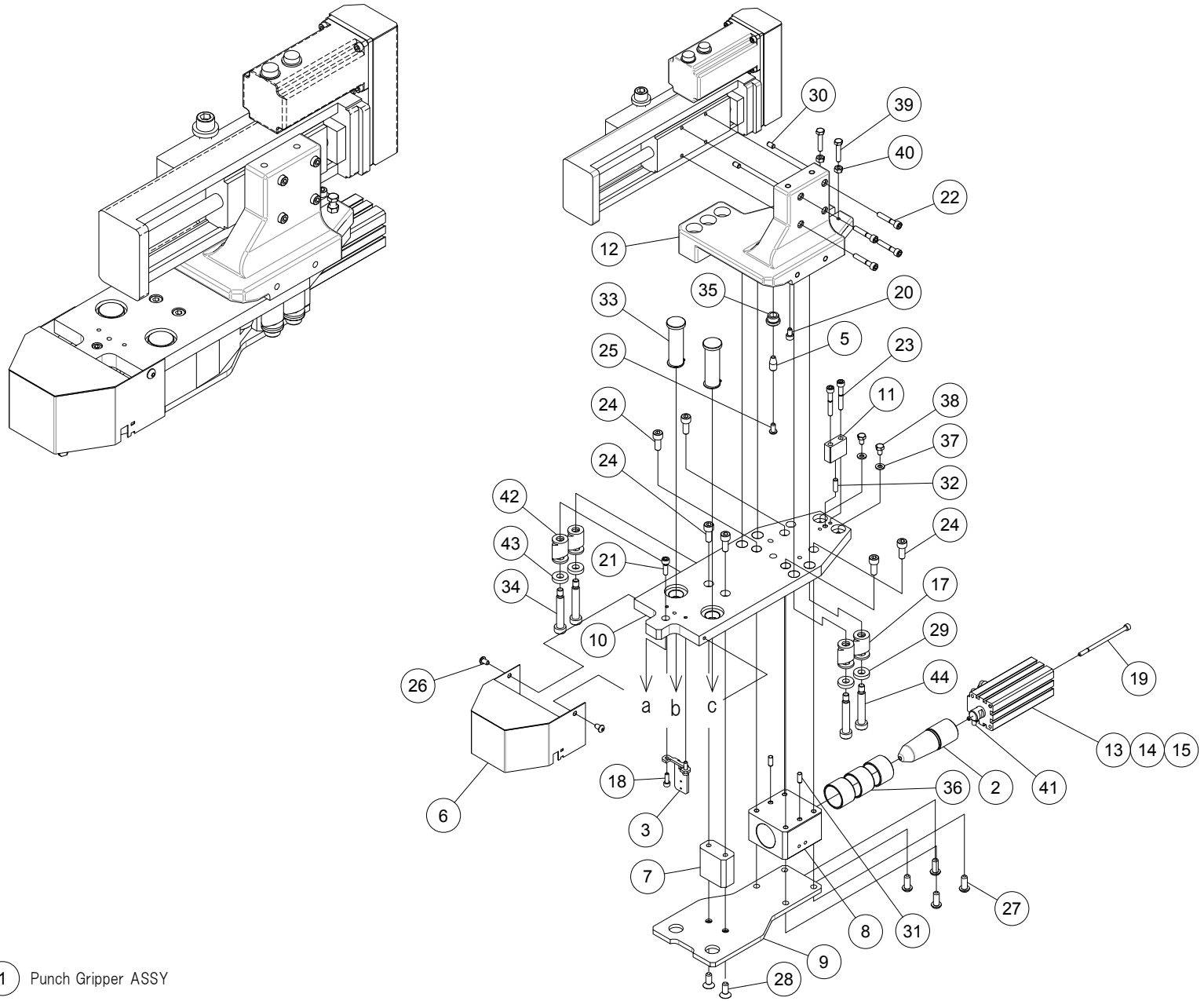
MA01860--A

Unit No. 301 TSU Module BF <CX-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		CX-axis ASSY		1
	MA01860--A		Index 2-15	
2	74900027	LM Guide Actuator	SKR4610AQZ-0104-0E-00X0	1
	7831379---	THK		
3	74776865	Parallel Pin	10X20(Inner Screw)M6	2
	P337050012	Ohkita		
4	74900126	CX Base		1
	MA01861--A			
5	74183608	Hex Socket Cap Screw	M6X15	4
	P330220006			
6	74314403	Hex Socket Cap Screw	M5X15	4
	P330210006			
7	74165310	Washer M12		2
	0827014 B			
8	74183656	Hex Socket Cap Screw	M12X30	2
	P330250005			
9	74900127	Motor Base CX		1
	MA01862---			
10	74900535	Flange Socket Bolt	M5X15	4
	P330468027	NISSAN NEJI		
11	74900030	Driven Pulley	PT30P5M10AF-SL-TK	1
	7831388---	TSUBAKI		
12	74900567	Pulley	PT30P5M10AF-SS1414	1
	P429004079	TSUBAKIMOTO CHAIN		

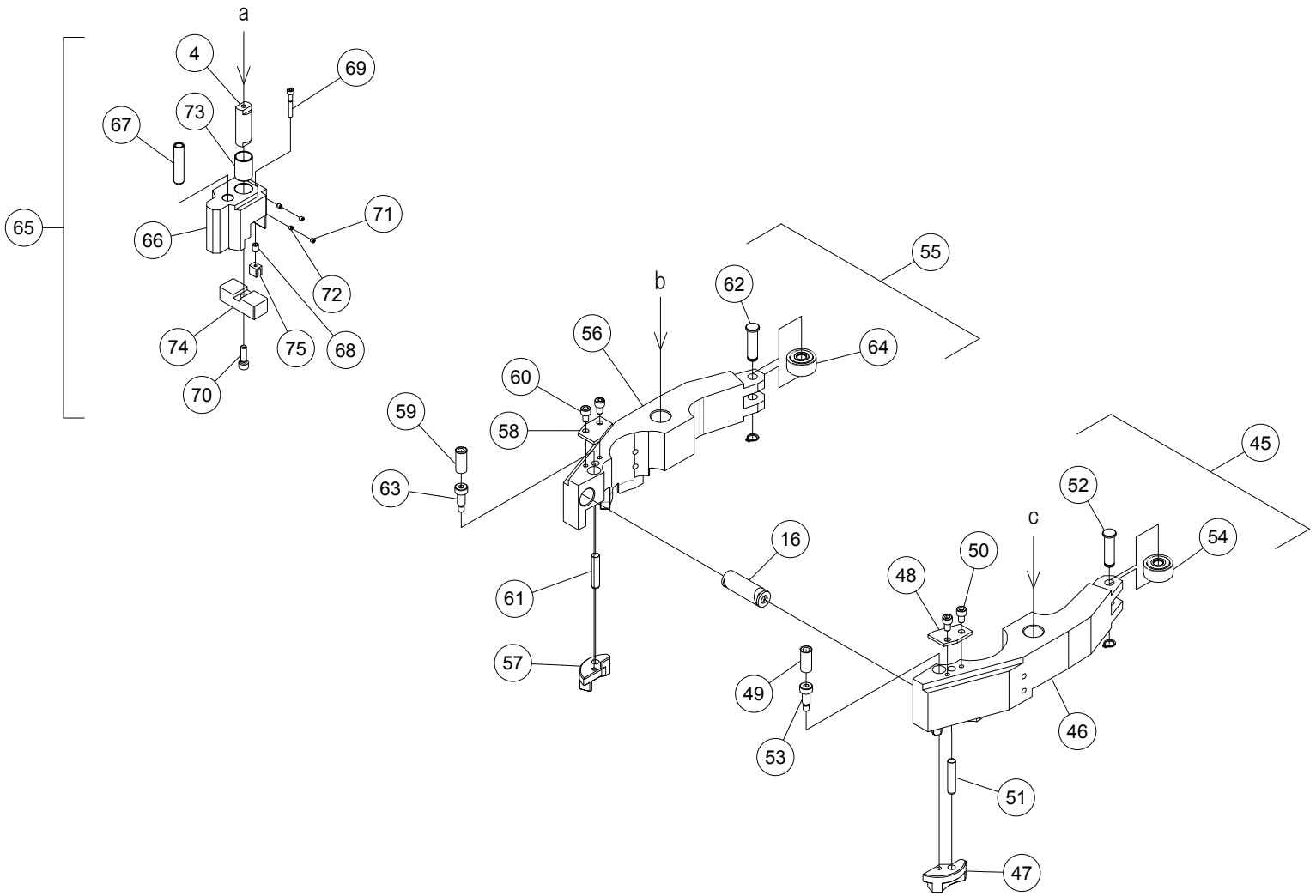
Unit No. 301 TSU Module BF <CX-axis ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900520 / P225138033	Synchronous Belt / TSUBAKIMOTO CHAIN	325P5M10	1
14	74900128 / MA01863---	Pulley Cover CX		1
15	74183604 / P330210003	Hex Socket Cap Screw	M5X10	2



(1) Punch Gripper ASSY

MA06370--A
(MA01870--B)



MA06370--A
(MA01870--B)

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ MA06370--A	Punch Gripper ASSY /	/ Index 2-76	1
2	74900002 / 6883847	Plunger /	/	1
3	74562492 / 7404406	LS Bracket /	/	1
4	74387816 / 7405412 A	Guide Pin /	/	1
5	74420209 / 7405416 B	Center Pin /	/	1
6	74562490 / 7423061	Head Cover /	/	1
7	74452354 / 7425759	Distance Bracket /	/	1
8	74900003 / 7426326	Plunger Guide /	/	1
9	74900009 / 7426415	Lower Plate /	/	1
10	74900129 / MA01872--A	Upper Plate /	/	1
11	74900010 / 7426418--A	Center Key P /	/	1
12	74402986 / MA06371--A	Base Bracket P /	/	1

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452358 7831612	Punch Clamp Cylinder CKD	 with Index 1415	1
14	79577502 P550086058	Cylinder Switch CKD	T2H 	1
15	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow) 	1
16	74900525 P320005074	Coil Spring MISUMI	SWL18-60 	1
17	74900529 P320065393	Coil Spring MISUMI	SWL22-50 	2
18	74314403 P330210006	Hex Socket Cap Screw 	M5X15 	2
19	74900532 P330210019	Hex Socket Cap Screw 	M5X90 	2
20	74776743 P330220003	Hex Socket Cap Screw 	M6X10 	1
21	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20 	1
22	74183615 P330220013	Hex Socket Cap Screw 	M6X35 	4
23	74183616 P330220014	Hex Socket Cap Screw 	M6X40 	2
24	74183621 P330230006	Hex Socket Cap Screw 	M8X20 	6

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183309 P334500014	Button Head Screw JIS	M6X12	1
26	74183302 P334500013	Button Head Screw	M6X10	2
27	74183316 P334500020	Button Head Screw	M8X20	4
28	74387802 P334520023	Flat Head Bolt NISSAN NEJI	M8X20	2
29	74576104 P336238121	Washer MISUMI	SW22	2
30	74564983 P337020272	Parallel Pin JIS	A-6X10	2
31	74387845 P337020270	Parallel Pin JIS	A-6X15	2
32	74314719 P337020034	Parallel Pin JIS	A-6X20	1
33	74562485 P337114043	Hinge Pin MISUMI	HCCGH20-63 (with Retaining Ring)	2
34	74900551 P338134006	Shoulder Screw MISUMI	MSB10-50	2
35	74900555 P389064017	Locating Bushing MISUMI	JBH10-8	1
36	74900562 P407002160	Bushing OILES Industry	70B-3225	3

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74159714 P336000005	Washer JIS	6(Normal)	2
38	74183003 P330020002	Bolt	M6X10	2
39	74560323 P330020026	Bolt MOURI	M6X30(All-thread)	2
40	74776801 P332000030	Nut JIS	M6(Type-1)	2
41	74900790 P230222226	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.5M	1
42	74900527 P320065238	Coil Spring MISUMI	SWM22-35	2
43	74183029 P336000007	Washer JIS	10(Normal)	2
44	74382660 P338134008	Shoulder Screw MISUMI	MSB10-60	2
45	74900214 SPT0068---	Punch Gripper L ASSY	7426361--A74263637426365A & other Index 46-54	1
46	74900004 7426361--A	Gripper Arm L		1
47	74900006 7426363	L Dog		1
48	74900008 7426365 A	Stopper Plate		1

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74900524 P320005052	Coil Spring MISUMI	SWY11-30	1
50	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
51	74303819 P337020049	Parallel Pin JIS	A-8X40	1
52	74452353 P337114091	Hinge Pin MISUMI	HCDGH10-35	1
53	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	1
54	74452352 P409112070	Roller Follower THK	NART10VR	1
55	74900215 SPT0069---	Punch Gripper R ASSY	7426362--A74263647426365A & other Index 56-64	1
56	74900005 7426362--A	Gripper Arm R		1
57	74900007 7426364	R Dog		1
58	74900008 7426365 A	Stopper Plate		1
59	74900524 P320005052	Coil Spring MISUMI	SWY11-30	1
60	74776743 P330220003	Hex Socket Cap Screw	M6X10	2

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74303819 P337020049	Parallel Pin JIS	A-8X40	1
62	74452353 P337114091	Hinge Pin MISUMI	HCDGH10-35	1
63	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	1
64	74452352 P409112070	Roller Follower THK	NART10VR	1
65	74900216 SPT0070---	Sensor Block ASSY	MA01873--A68833117423064A & other Index 66-75	1
66	74900130 MA01873--A	Sensor Block		1
67	74387815 P320065076	Coil Spring MISUMI	WL10-55	1
68	74562494 P320065138	Coil Spring MISUMI	WT6-15	1
69	74183603 P330200023	Hex Socket Cap Screw	M4X30	1
70	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
71	74319134 P330550007	Socket Set Screw JIS	M4X4(Flat Point)	3
72	74305501 P330580005	Socket Set Screw JIS	M4X4(Truncated Cone Point)	1

Unit No. 302 TSU Module BF <Punch Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74900563 P407003161	Bushing DAIDO METAL	DUB1625	1
74	74452360 6883311	Key Stopper		1
75	74562493 7423064 A	Dog		1
76	74901334 MA06545---	Stopper Plate Shim		2

< List Only >

MA06265---

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06265---	Die Gripper ASSY	Index 2-86	1
2	74900149 MA01905---	Motor Base		1
3	74420205 7405445 A	Feed Screw		1
4	74387864 7405454	Nozzle		6
5	74900141 MA01894--A	Die Gripper Base M		1
6	74900011 7426423--A	Shaft Holder		1
7	74900012 7426430--A	Bearing Stopper		1
8	74900150 MA01906---	Push Plate F		1
9	74900142 MA01896---	Push Plate R		1
10	74900013 7426433	CD Stopper		1
11	74900143 MA01898--A	Upper Plate D		1
12	74900140 MA01893--A	Die Gripper Base D		1

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900144 MA01899---	Sensor Bracket		1
14	74900147 MA01902--A	Cover 1		1
15	74900148 MA01903---	Cover 2		1
16	74900015 7426864--A	Cover 3		1
17	74900203 MA06376---	Base Block D		1
18	74402694 MA06266---	Nut L		1
19	74900019 7427612--B	Nut R		1
20	74900138 MA01891--A	Die Gripper Arm L		1
21	74900139 MA01892--A	Die Gripper Arm R		1
22	74900020 7427615--B	Nut Block L		1
23	74901301 MA06269---	Nut Block R		1
24	74900022 7427617--A	CD Plate		2

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900023 7427618	Nut Plate		2
26	74562510 7830529	Drive Pulley PsDs TSUBAKIMOTO CHAIN	(16P5M10AF)	1
27	74900024 7831131	LM Guide THK	SHS20V2UUC1E+300L	1
28	74900032 7831615 A	Guide Cylinder CKD	LCS-20-10-S5D with Index 29	1
29	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	1
30	74900038 7831727---	Die Pusher Cylinder CKD	FCD-L-32-40-FL466310 with Index 3132	2
31	74900575 P555004058	Speed Controller CKD	SC3W-M5-6-I	1
32	74900576 P555004059	Speed Controller CKD	SC3U-M5-6-I	1
33	74731402 P225138001	Synchronous Belt TSUBAKIMOTO CHAIN	375P5M10	1
34	74900526 P320005075	Coil Spring MISUMI	SWM14-35	4
35	74900528 P320065272	Coil Spring MISUMI	SWB25-25	2
36	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	10

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74314403 P330210006	Hex Socket Cap Screw	M5X15	9
38	74183605 P330210013	Hex Socket Cap Screw	M5X40	6
39	74776743 P330220003	Hex Socket Cap Screw	M6X10	5
40	74159711 P330220004	Hex Socket Cap Screw JIS	M6X12	4
41	74183608 P330220006	Hex Socket Cap Screw	M6X15	6
42	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	2
43	74300611 P330220011	Hex Socket Cap Screw	M6X25	2
44	74776773 P330468007	Flange Socket Bolt NISSAN NEJI	M6X20	2
45	74183127 P330550036	Socket Set Screw JIS	M8X8(Flat Point)	4
46	74776793 P330590007	Socket Set Screw JIS	M4X6(Cup Point)	2
47	74183301 P334500009	Button Head Screw	M5X10	4
48	74183302 P334500013	Button Head Screw	M6X10	15

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74740880 P337020032	Parallel Pin JIS	A-6X12	6
50	74314719 P337020034	Parallel Pin JIS	A-6X20	4
51	74900547 P337054131	Parallel Pin MISUMI	MSTH10-25	1
52	74380801 P338134013	Shoulder Screw MISUMI	MSB8-15	1
53	74387703 P338134018	Shoulder Screw MISUMI	MSB8-20	4
54	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	4
55	74900556 P400010653	Deep Groove Ball Bearing NSK(equality)	6900ZZ	2
56	74183425 P406108033	Locating Snap Ring OCHIAI	STW-10	1
57	74452369 P429004018	Pulley TSUBAKIMOTO CHAIN	48P5M10AF-SS1410	1
58	74576846 P436000142	Parallel Key JIS	5X5X15	2
59	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
60	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	1

Unit No. 303 TSU Module BF <Die Gripper ASSY>

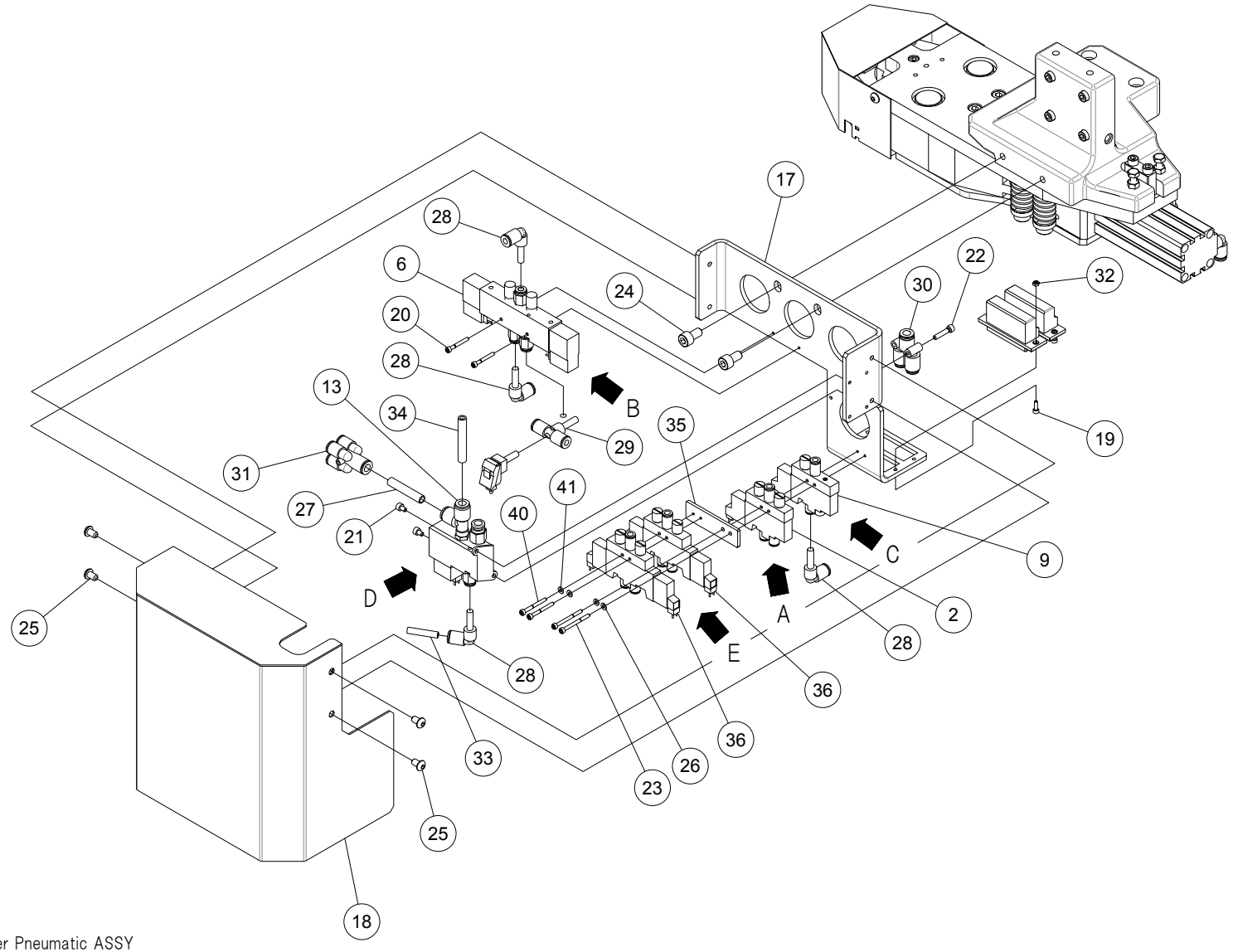
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74731420 P586568129	One Touch Fitting CKD	GWL6-6 (Single Elbow)	3
62	74900146 MA01901--A	DG Cover Bracket		1
63	74900145 MA01900---	Wiring Bracket DG		1
64	74314406 P330210011	Hex Socket Cap Screw	M5X30	2
65	74183615 P330220013	Hex Socket Cap Screw	M6X35	2
66	74183629 P330230011	Hex Socket Cap Screw	M8X45	3
67	74900549 P338104017	Spring Plunger MISUMI	SPJL6	2
68	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	6
69	74900593 P586563113	One Touch Fitting SMC	KSL06-01S	2
70	74567482 P586568124	One Touch Fitting CKD	GWJL6-6	1
71	74416432 P230222227	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.0M	1
72	74900151 MA01907---	Push Chip		1

Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
74	74379075 6140189	Collar		3
75	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	4
76	74901296 MA06260---	Target Plate		1
77	74901298 MA06262---	Sensor Block		1
78	74402696 MA06267---	Sensor Bracket CD		1
79	74402697 MA06268---	Sensor Cover CD		1
80	74900807 P334704108	Special Screw MISUMI	CBSS4-6	2
81	74776845 P336000092	Washer JIS	4(Normal)	2
82	74304903 P330210015	Hex Socket Cap Screw	M5X50	2
83	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
84	74300612 P330200001	Hex Socket Cap Screw	M3X6	2

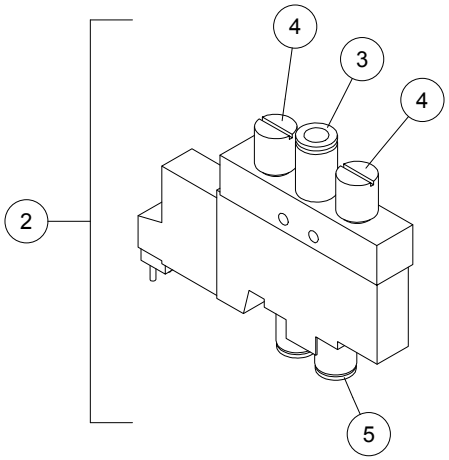
Unit No. 303 TSU Module BF <Die Gripper ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74183301 P334500009	Button Head Screw	M5X10	2
86	74900799 P330570008	Socket Set Screw	M4X12(Long Dog Point)	2

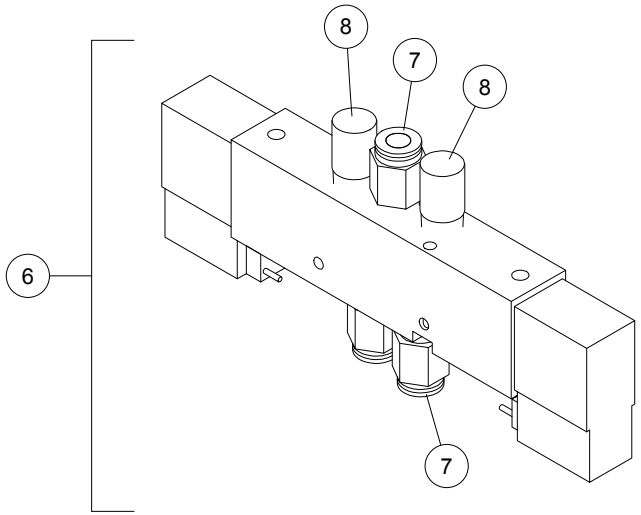


(1) Gripper Pneumatic ASSY

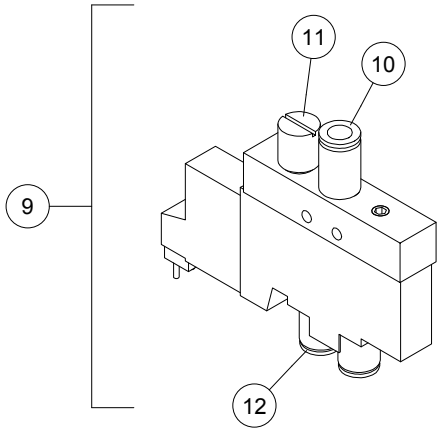
MA01910--C



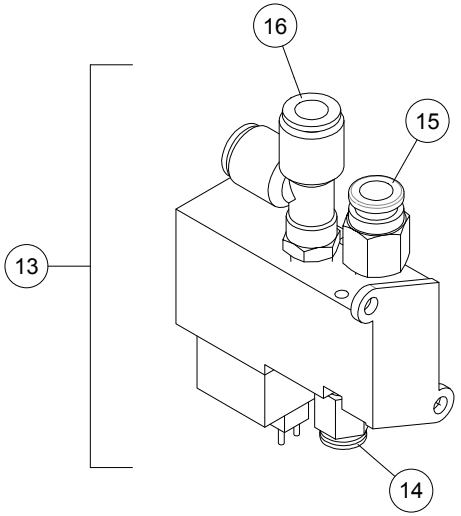
DETAIL A



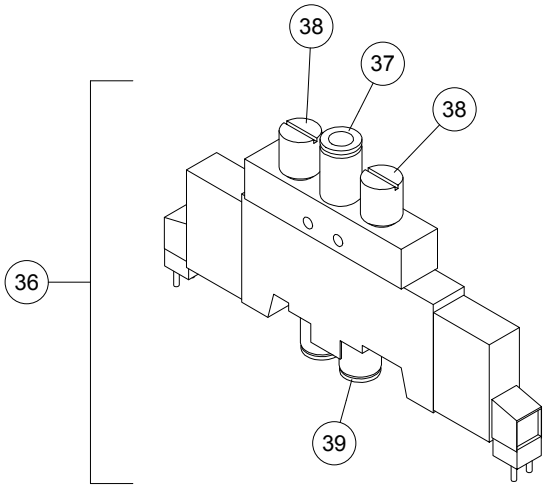
DETAIL B



DETAIL C



DETAIL D



DETAIL E

MA01910--C

Unit No. 304 TSU Module BF <Gripper Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Gripper Pneumatic ASSY		1
	MA01910--C		Index 2-41	
2	74900031	Dai Gripper SOL	4GA110-C6-E2N-FL342755-3	1
	7831613	CKD	with Index 3-5	
3	74565358	One Touch Fitting	GWS6-M5-S	1
	P586538091	CKD		
4	74900586	Silencer	SLM-M5	2
	P557036004	CKD		
5	74900582	Plug-in Connector	4G1-JOINT-C6	2
	P556124003	CKD		
6	74900033	Punch Clamp SOL	4KA220-06-M1C-FL366841-DC24V	1
	7831634	CKD	with Index 78	
7	74731419	One Touch Fitting	GWS6-6	3
	P586538072	CKD		
8	74776968	Silencer	SLW-6S	2
	P557038024	CKD		
9	74900034	Punch Clamp Lock Sol	3GA110-C6-E2N-366896-3	1
	7831635	CKD	with Index 10-12	
10	74731413	One Touch Fitting	GWS6-M5 (Straight)	1
	P586538073	CKD		
11	74732220	Silencer	SL-M5	1
	P557038025	CKD		
12	74900582	Plug-in Connector	4G1-JOINT-C6	1
	P556124003	CKD		

Unit No. 304 TSU Module BF <Gripper Pneumatic ASSY>

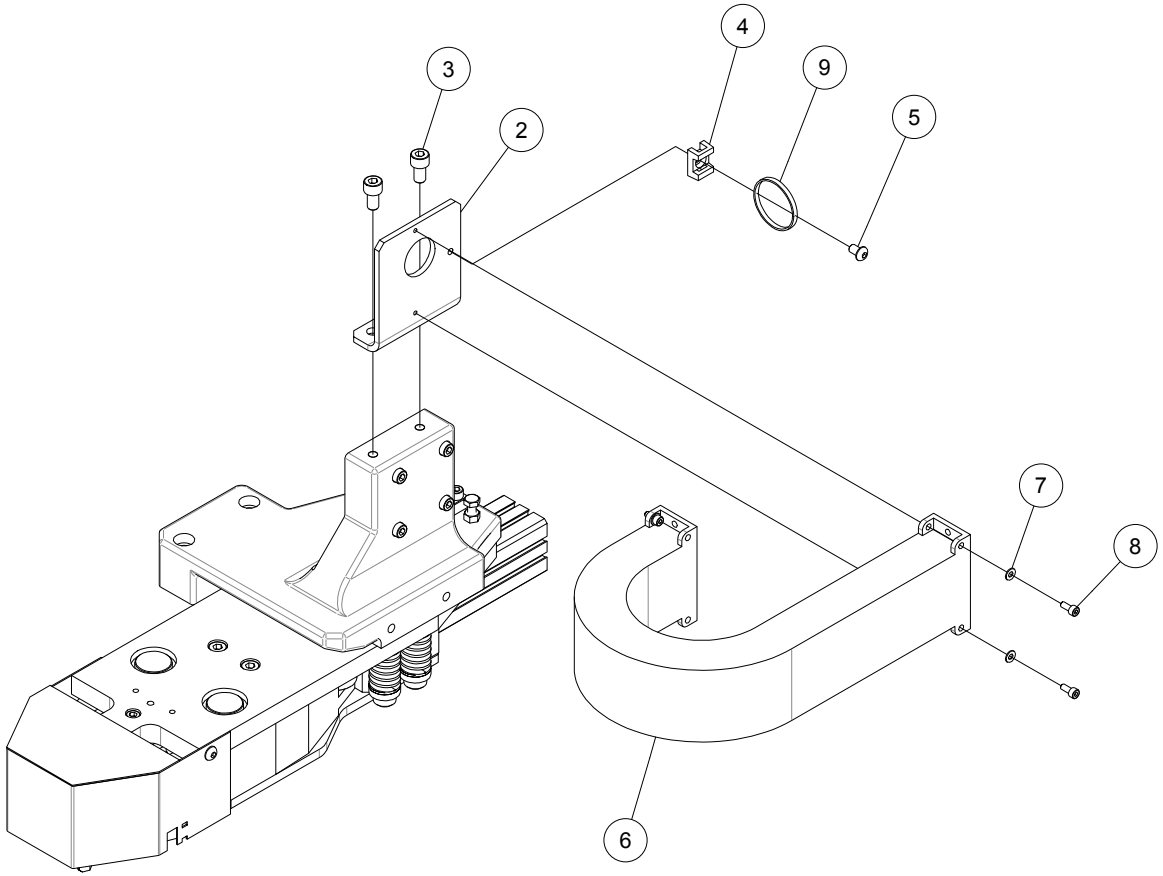
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900035 7831636	Reducing Valve CKD	3PA210-06-M1DP-FL366795-3 with Index 14-16	1
14	74731419 P586538072	One Touch Fitting CKD	GWS6-6	1
15	74565707 P586538074	One Touch Fitting CKD	GWS8-6	1
16	74900601 P586608060	Tee Joint (D-type) CKD	GWT8-6-D	1
17	74900152 MA01911--A	Cx Panel		1
18	74900153 MA01912--C	Cx Panel Cover		1
19	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
20	74377039 P330200010	Hex Socket Cap Screw	M3X25	2
21	74383398 P330200013	Hex Socket Cap Screw	M4X6	2
22	74183602 P330200021	Hex Socket Cap Screw	M4X20	1
23	74377049 P330200056	Hex Socket Cap Screw NISSAN NEJI	M3X35	2
24	74183620 P330230004	Hex Socket Cap Screw	M8X15	2

Unit No. 304 TSU Module BF <Gripper Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183302 P334500013	Button Head Screw	M6X10	4
26	74570262 P336000086	Washer JIS	3(Normal)	2
27	74567076 P586533131	One Touch Fitting SMC	KQ2N08-99	1
28	74900598 P586568188	One Touch Fitting CKD	GWP66-L	4
29	74452882 P586568198	One Touch Fitting CKD	GWP66-C	1
30	74900602 P586628075	One Touch Fitting CKD	GWY86-0	1
31	74900603 P586628081	One Touch Fitting CKD	GWWY86-0	1
32	74183201 P332000001	Nut JIS	M3	4
33	74570235 P230222227	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.0M	1
34	74418982 P230232034	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-10M	1
35	74900154 MA01913---	Solenoid Base		1
36	74900039 7831728---	Die Pusher SOL CKD	4GA140-C6-E2N-FL467573-3 with Index 37-39	2

Unit No. 304 TSU Module BF <Gripper Pneumatic ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74565358 / P586538091	One Touch Fitting / CKD	GWS6-M5-S	1
38	74900586 / P557036004	Silencer / CKD	SLM-M5	2
39	74900582 / P556124003	Plug-in Connector / CKD	4G1-JOINT-C6	2
40	74705948 / P330200011	Hex Socket Cap Screw /	M3X30	2
41	74570262 / P336000086	Washer / JIS	3(Normal)	2

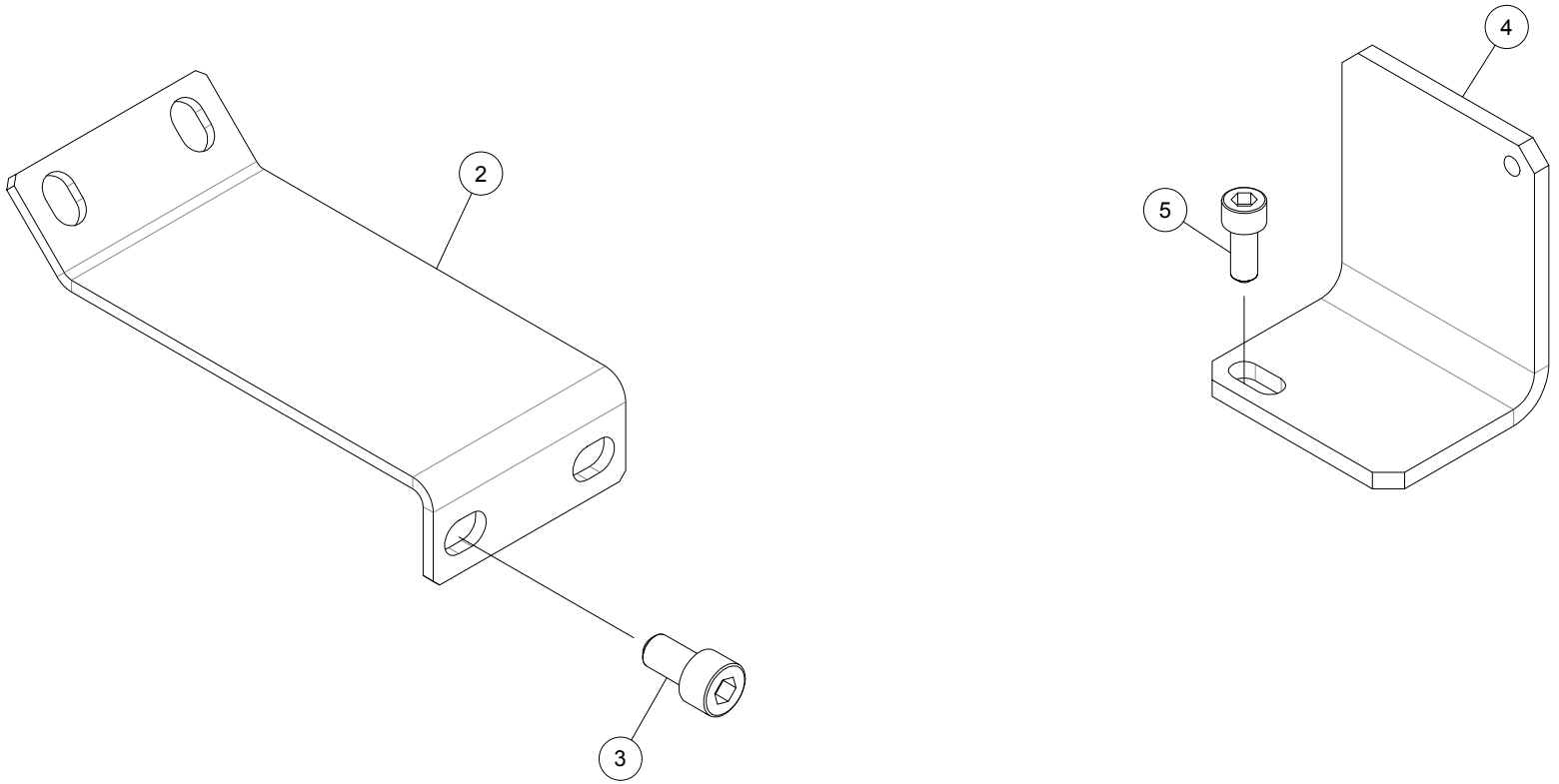


(1) CX Duct ASSY

MA01875--A

Unit No. 305 TSU Module BF <CX Duct ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01875--A	CX Duct ASSY	Index 2-9	1
2	74900131 MA01876---	CX Duct Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74568661 P381058101	Cable Band KITAGAWA	TM3S25	1
5	74183302 P334500013	Button Head Screw	M6X10	1
6	74900132 MA01877---	Runner Flex CX Captain Industries	48.050.060.0.13.480.050.12	1
7	74776845 P336000092	Washer JIS	4(Normal)	4
8	74314401 P330200015	Hex Socket Cap Screw	M4X10	4
9	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	3



(1) Shipping Bracket Installation

MA01815---

Unit No. 306 TSU Module BF <Shipping Bracket Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01815---	Shipping Bracket Installation	Index 2-5	1
2	74900107 MA01816---	Shipping Bracket CR		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
4	74900108 MA01817---	Shipping Bracket CX		1
5	74183608 P330220006	Hex Socket Cap Screw	M6X15	2

< List Only >

MA06275---

Unit No. 307 TSU Module BF <Changer Electric>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06275---	Changer Electric	Index 2-4	1
2	MA05095---	Changer Servo Cable ASSY		1
3	MA06276---	Changer Electric Cable ASSY		1
4	MA01948---	Changer Servo Motor ASSY		1

< List Only >

MA05095---

Unit No. 308 TSU Module BF <Changer Servo Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05095---	Changer Servo Cable ASSY	Index 2-8	1
2	74900192 / MA04606--A	CX-axis Motor Cable 2	CZP	1
3	74900193 / MA04608--A	CX-axis Motor Cable 2	CXP	1
4	74900194 / MA04610--A	CD-axis Motor Cable 2	CDP	1
5	74900195 / MA04612---	CZ-axis Signal Cable 2		1
6	74900196 / MA04614--A	CX-axis Signal Cable 2		1
7	74900197 / MA04616--A	CD-axis Signal Cable 2		1
8	74900198 / MA04618--A	CZ-axis Brake Cable 2	CZBK	1

< List Only >

MA06276---

Unit No. 309 TSU Module BF <Changer Electric Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06276---	Changer Electric Cable ASSY	Index 2-33	1
2	74900165 MA01951--B	Cable CN1C		1
3	74402698 MA05963---	Cable CN2C		1
4	74900166 MA01953--A	Cable CN1C31	with Index 5	1
5	74454064 P829228002	Proximity Switch SUNX	GXL-8FUR SQ450	1
6	74900167 MA01954---	Cable CN1C32	with Index 7	1
7	74401328 P829003106	Proximity Switch YAMATAKE	FL7M-2J6HD-R SQ451	1
8	74900168 MA01955---	Cable CN1C33	with Index 9	1
9	74900670 P559004005	Pressure Switch CKD	PPE-P10-H6-B SP101	1
10	74900169 MA01956--A	Cable CN1C34	with Index 11	1
11	74401328 P829003106	Proximity Switch YAMATAKE	FL7M-2J6HD-R SQ452	1
12	74900170 MA01957--A	Cable CN1C35	with Index 13	1

Unit No. 309 TSU Module BF <Changer Electric Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74900613 P829008094	Cylinder Switch CKD	FCS-M2V SQ453	1
14	74900171 MA01958--A	Cable CN1C36	with Index 15	1
15	74900613 P829008094	Cylinder Switch CKD	FCS-M2V SQ454	1
16	74900172 MA01959--A	Cable CN1C37	with Index 17	1
17	74900613 P829008094	Cylinder Switch CKD	FCS-M2V SQ455	1
18	74900173 MA01960--A	Cable CN1C38	with Index 19	1
19	79577502 P550086058	Cylinder Switch CKD	T2H SQ456	1
20	74900174 MA01961--A	Cable CN1C39	with Index 21	1
21	79577502 P550086058	Cylinder Switch CKD	T2H SQ457	1
22	74900175 MA01962--A	Cable CN1C40	with Index 23	1
23	79577502 P550086058	Cylinder Switch CKD	T2H SQ458	1
24	74900176 MA01963---	Cable CN2C31		1

Unit No. 309 TSU Module BF <Changer Electric Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74900177 MA01964--A	Cable CN2C32		1
26	74900178 MA01965---	Cable CN2C33		1
27	74900179 MA01966--A	Cable CN2C34		1
28	74900180 MA01967---	Cable CN2C35		1
29	74900181 MA01968---	Cable CN2C36		1
30	74900182 MA01969---	Cable CN2C37		1
31	74900161 MA01927---	Cable CN2C39		1
32	74900162 MA01928---	Cable CN2C40		1
33	74402699 MA05962---	Cable CN2C38		1

< List Only >

MA01948---

Unit No. 310 TSU Module BF <Changer Servo Motor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Changer Servo Motor ASSY		1
	MA01948---		Index 2-5	
2	74900607	Servo Motor	A06B-0115-B103	1
	P714018178	FANUC	Cd-axis	
3	74471004	Servo Motor	A06B-0116-B103	1
	P714018205	FANUC	Cx-axis	
4	74900608	Servo Motor	A06B-0075-B203	1
	P714018240	FANUC	Cr-axis	
5	74900609	Servo Motor	A06B-0075-B403	1
	P714018303	FANUC	Cz-axis	

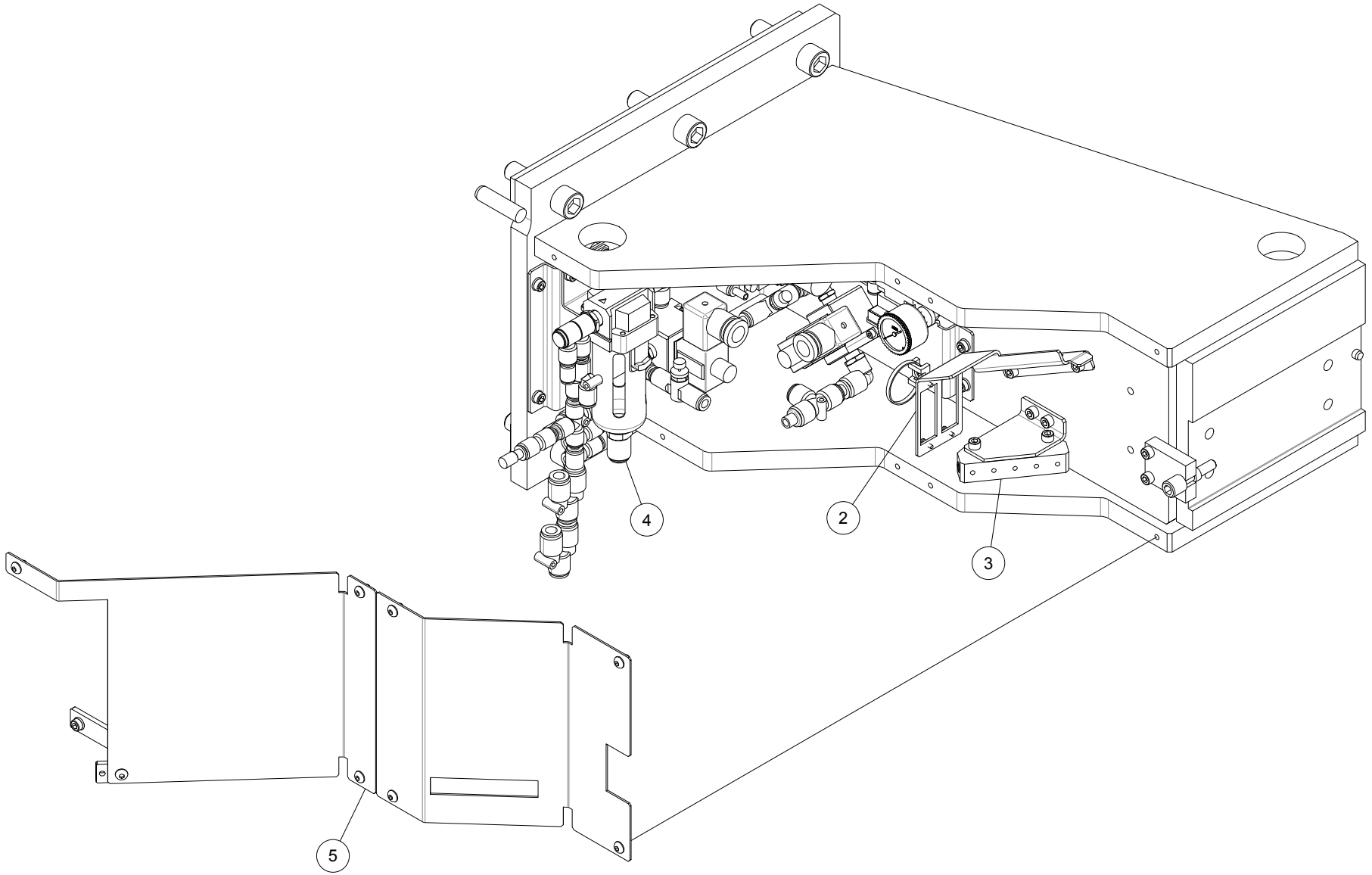
< List Only >

MA08110---

Unit No. 311 TSU Module BF <Buffer ASSY 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08110---	Buffer ASSY 43ST	Index 2-7	1
2	MA04386---	Buffer Base ASSY		1
3	MA08111---	Buffer Template 43ST		1
4	MA01213---	Origin Adjusting Kit		1
5	MA08123---	Switch ASSY 43ST		1
6	MA08125---	Base ASSY		1
7	MA08048---	Buffer LED Cable ASSY 43ST		1

Unit No. 312 TSU Module BF <Buffer Base ASSY>

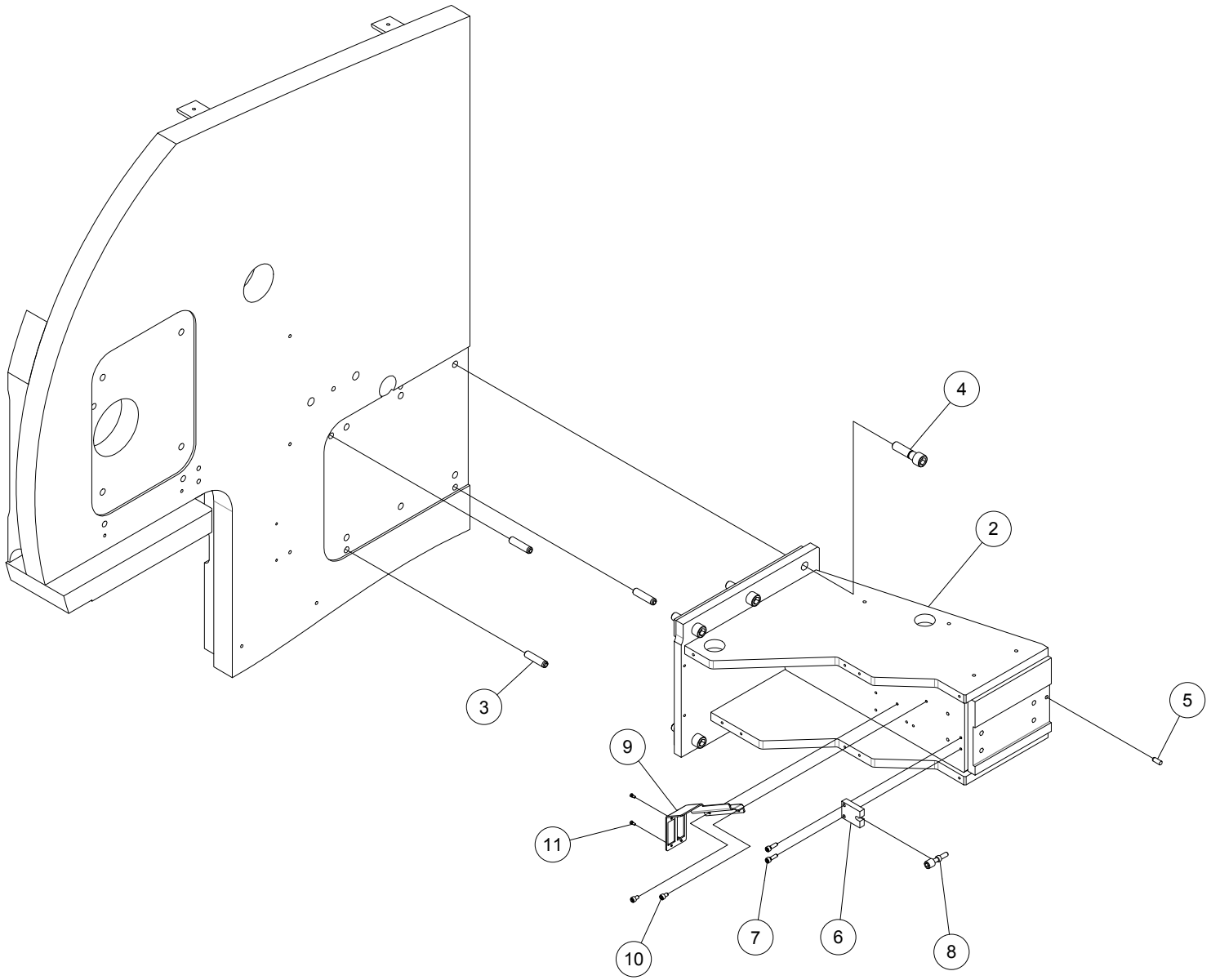


1 Buffer Base ASSY

MA04386---

Unit No. 312 TSU Module BF <Buffer Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04386---	Buffer Base ASSY	Index 2-7	1
2	MA01216--C	Buffer Base Kit		1
3	MA01244---	Buffer Air Blow Kit		1
4	MA01247--A	Piping Panel ASSY		1
5	MA01255--A	Cover Kit		1
6	MA01976---	Buffer Electric Cable ASSY	List Only	1
7	MA01930---	Jumper Connector ASSY	List Only	1

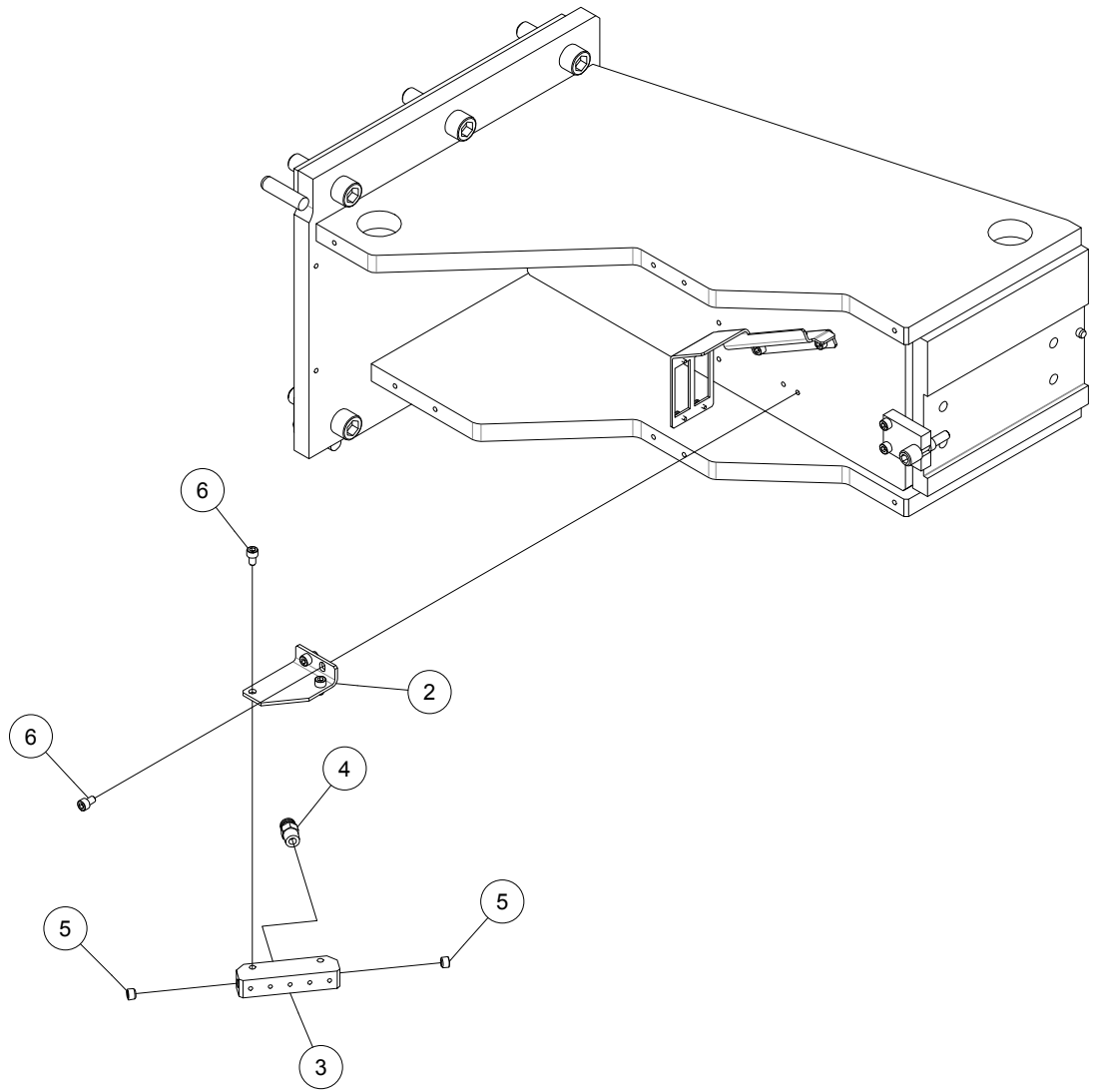


(1) Buffer Base Kit

MA01216--C

Unit No. 313 TSU Module BF <Buffer Base Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01216--C	Buffer Base Kit	Index 2-11	1
2	74402987 MA01217--C	Buffer Base Welding Machining		1
3	74900546 P337050092	Parallel Pin Ohkita	13X50(Inner Screw)M6	3
4	74183664 P330260036	Hex Socket Cap Screw	M16X60	6
5	74811675 P337050039	Parallel Pin Ohkita	8X20(Inner Screw)M6	1
6	74900553 P338238004	Block for Adjust Bolt MISUMI	AJSC8-40	1
7	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	2
8	74900552 P338228027	Adjust Bolt MISUMI	AJKTN8-20	1
9	74900088 MA01227--A	Cable Support		1
10	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
11	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	4

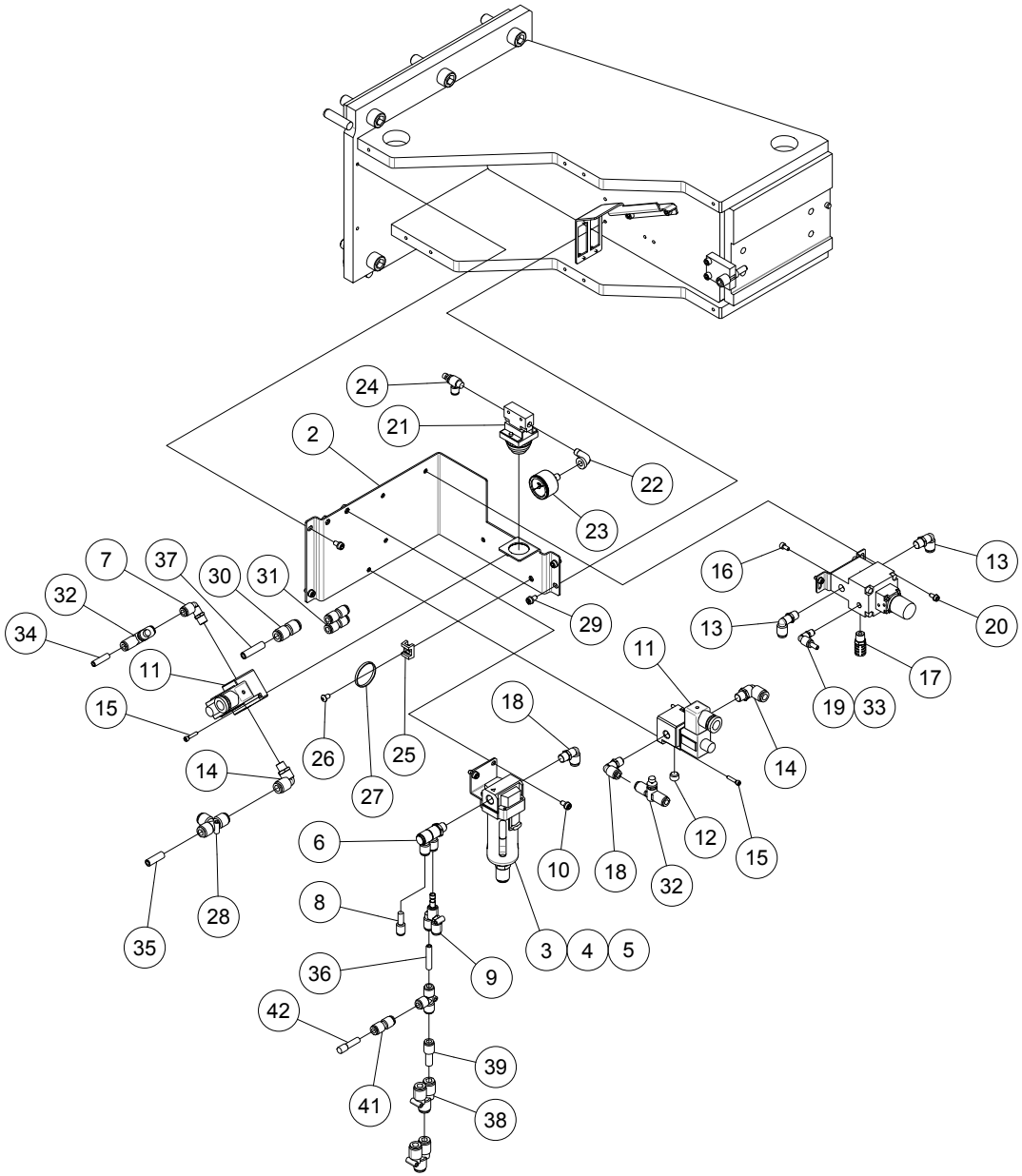


(1) Buffer Air Blow Kit

MA01244---

Unit No. 314 TSU Module BF <Buffer Air Blow Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Air Blow Kit		1
	MA01244---		Index 2-6	
2	74900095	Piping Bracket		1
	MA01246---			
3	74900094	Piping Block		1
	MA01245---			
4	74900592	One Touch Fitting	KQ2H08-02S	1
	P586533115	SMC		
5	74777005	Plug for Piping	PT-1/8	2
	P580208022			
6	74776743	Hex Socket Cap Screw	M6X10	4
	P330220003			



(1) Piping Panel ASSY

MA01247--A

Unit No. 315 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01247--A	Piping Panel ASSY	Index 2-42	1
2	74900096 MA01248---	Piping Panel		1
3	74452407 P557002060	Air Filter SMC	AFM30-02BD with Index 45	1
4	74900588 P557052016	Element ASSY SMC	AFM30P-060AS	1
5	74900605 P590038087	Case O Ring SMC	C2SFP-260S	1
6	74420282 P586563141	One Touch Fitting SMC	KQ2VD08-02S	1
7	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	1
8	74613240 P586653011	One Touch Fitting SMC	KQ2R06-08 (Plug-in Reducer)	1
9	74420283 P586613004	One Touch Fitting SMC	KQ2U08-99	1
10	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
11	74561267 P556002272	Air Directional Control Valve SMC	VT317-5DZ-02	2
12	74777004 P580208021	Plug for Piping	PT-1/4	2

Unit No. 315 TSU Module BF <Piping Panel ASSY>

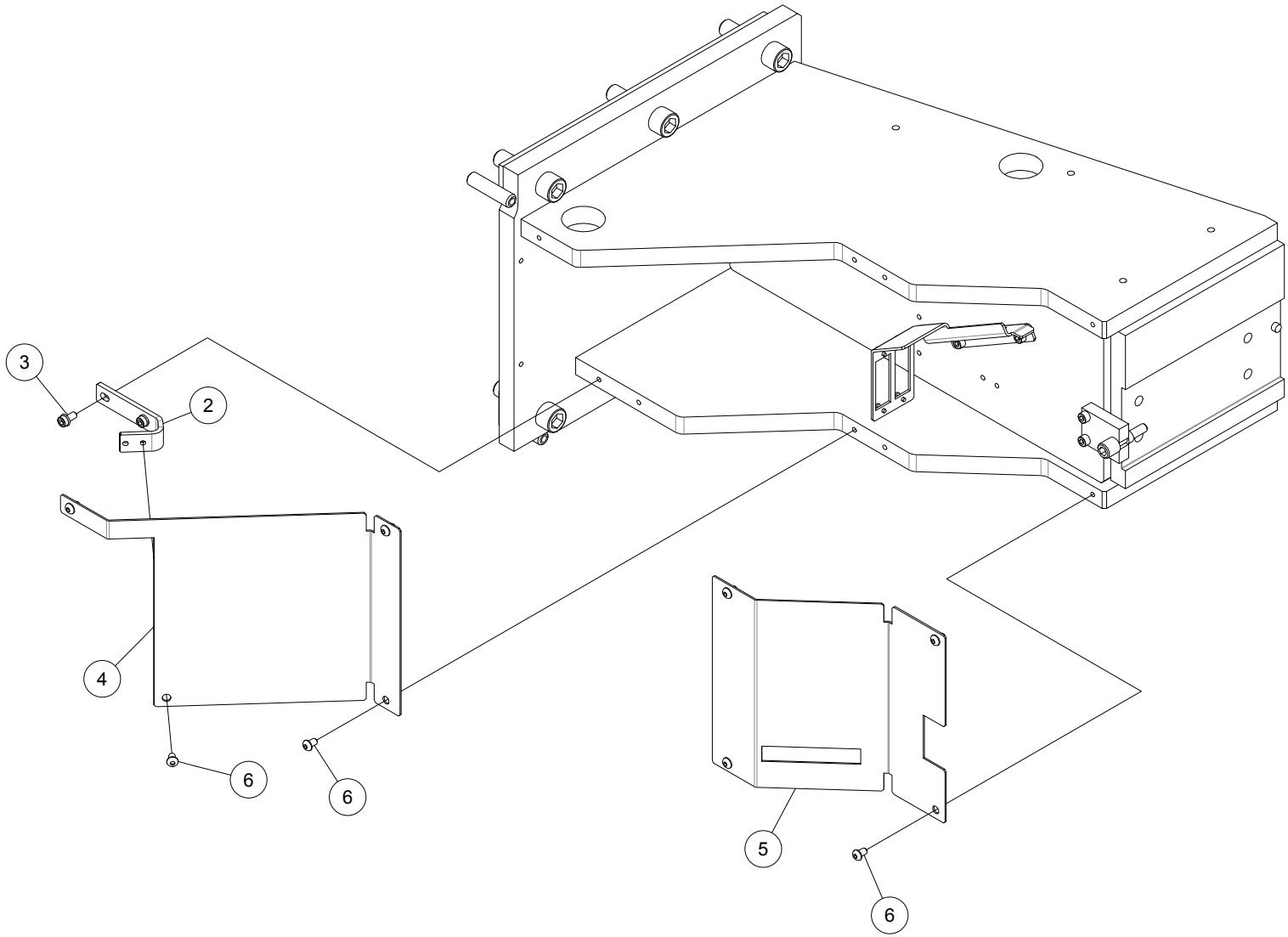
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	2
14	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	2
15	74183602 P330200021	Hex Socket Cap Screw	M4X20	4
16	74452406 P553002069	Regulator SMC	VEX1333-02-BN	1
17	74717447 P557032008	Silencer SMC	AN203-02	1
18	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	2
19	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
20	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	2
21	74420284 P556052017	Air Directional Control Valve SMC	VM130-01-32B	1
22	74381731 P580050010	Elbow JIS	1/8(Male-Female)	1
23	74389805 P600002011	Pressure Gauge SMC	G36-2-01	1
24	74570649 P555002077	Speed Controller SMC	AS2211F-01-06S	1

Unit No. 315 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74568661 P381058101	Cable Band KITAGAWA	TM3S25	1
26	74183302 P334500013	Button Head Screw	M6X10	1
27	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	5
28	74613238 P586593005	One Touch Fitting SMC	KQ2T10-00	1
29	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	4
30	74613230 P586533080	One Touch Fitting SMC	KQ2H10-00	1
31	74777032 P586533089	One Touch Fitting SMC	KQ2H08-00	2
32	74732129 P555002080	Speed Controller SMC	AS2051F-08	2
33	74570235 P230222138	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.3M	1
34	74418982 P230232086	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-1.2M	1
35	71345946 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M	1
36	74418982 P230232099	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-4M	1

Unit No. 315 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	71345946 P230242073	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-4M	1
38	74777035 P586533102	One Touch Fitting SMC	KQ2U10-00	2
39	74777059 P586653015	One Touch Fitting SMC	KQ2R08-10	1
40	74900599 P586593012	One Touch Fitting SMC	KQ2T08-00	1
41	74777032 P586533089	One Touch Fitting SMC	KQ2H08-00	1
42	74613869 P586643005	Pneumatic Plug SMC	KQ2P-08	1



(1) Cover Kit

MA01255--A

Unit No. 316 TSU Module BF <Cover Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01255--A	Cover Kit	Index 2-6	1
2	74900099 MA01256--A	Cover Bracket		1
3	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2
4	74900100 MA01257--A	Air Machinery Cover L		1
5	74900101 MA01258---	Air Machinery Cover R		1
6	74183302 P334500013	Button Head Screw	M6X10	8

< List Only >

MA01976---

Unit No. 317 TSU Module BF <Buffer Electric Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01976---	Buffer Electric Cable ASSY	Index 2-8	1
2	74900183 MA01970--A	Cable CN3C11	with Index 3	1
3	71461214 P559004005	Pressure Switch CKD	PPE-P10-H6-B SP100	1
4	74900184 MA01971---	Cable CN4C11	(YV289)	1
5	74900185 MA01972---	Cable CN4C12	(YV290)	1
6	74900186 MA01973--B	Cable CN3C		1
7	74900187 MA01974--B	Cable CN4C		1
8	74900199 MA05054---	Cable CND-1	(SQ448)	1

< List Only >

MA01930---

Unit No. 318 TSU Module BF <Jumper Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01930---	Jumper Connector ASSY	Index 23	1
2	74900163 / MA01931---	Jumper Connector CN4C14		1
3	74900164 / MA01932---	Jumper Connector CND-1		1

< List Only >

MA08111---

Unit No. 319 TSU Module BF <Buffer Template 43ST>

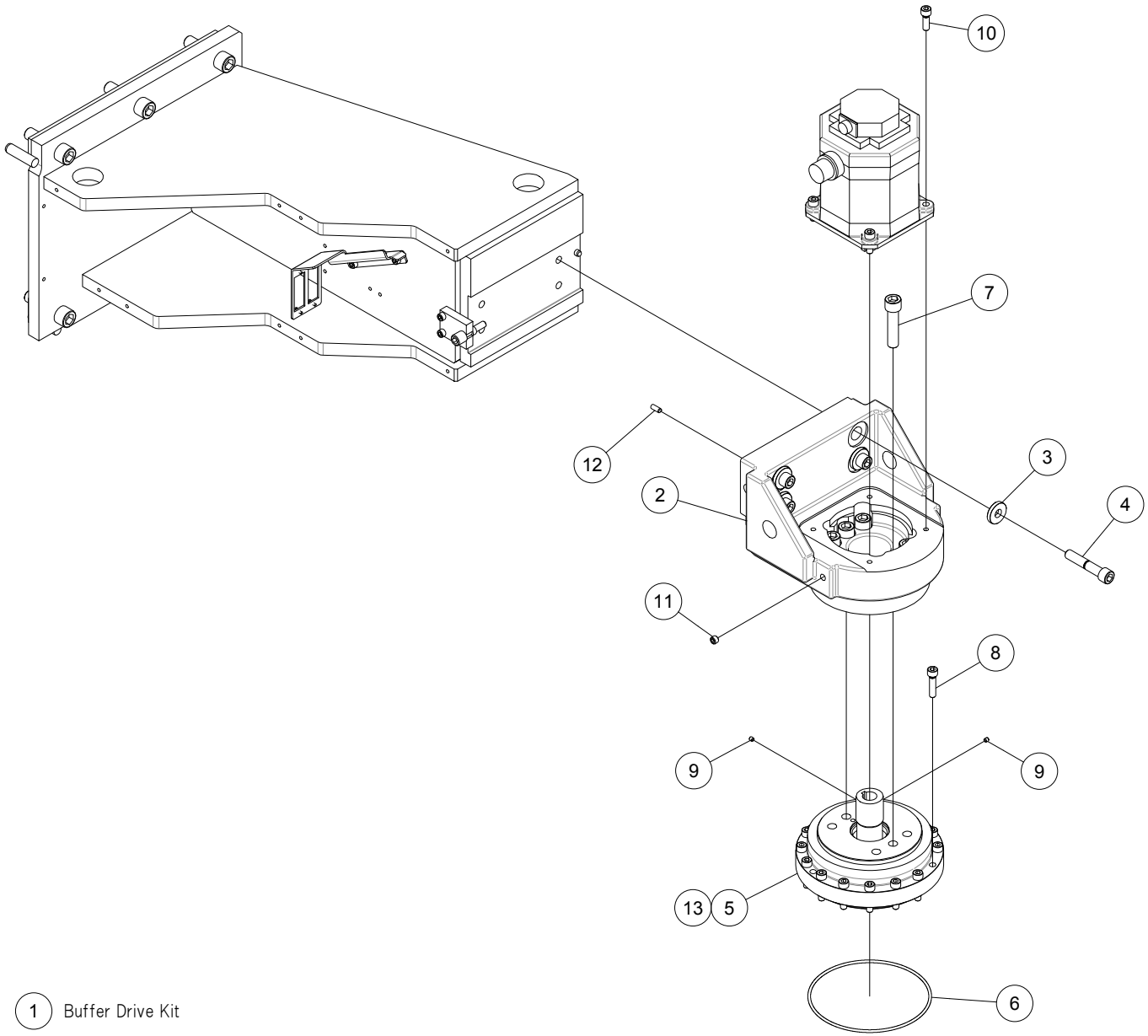
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08111---	Buffer Template 43ST	Index 2-5	1
2	MA08112---	Buffer Shaft 43ST		1
3	MA01251--B	Origin Kit		1
4	MA08043---	Name Plate Layou 43ST		1
5	MA01977---	Buffer Servo Motor ASSY		1

< List Only >

MA08112---

Unit No. 320 TSU Module BF <Buffer Shaft 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08112---	Buffer Shaft 43ST	Index 23	1
2	MA01228--B	Buffer Drive Kit		1
3	MA08113---	Template 43ST Kit		1



(1) Buffer Drive Kit

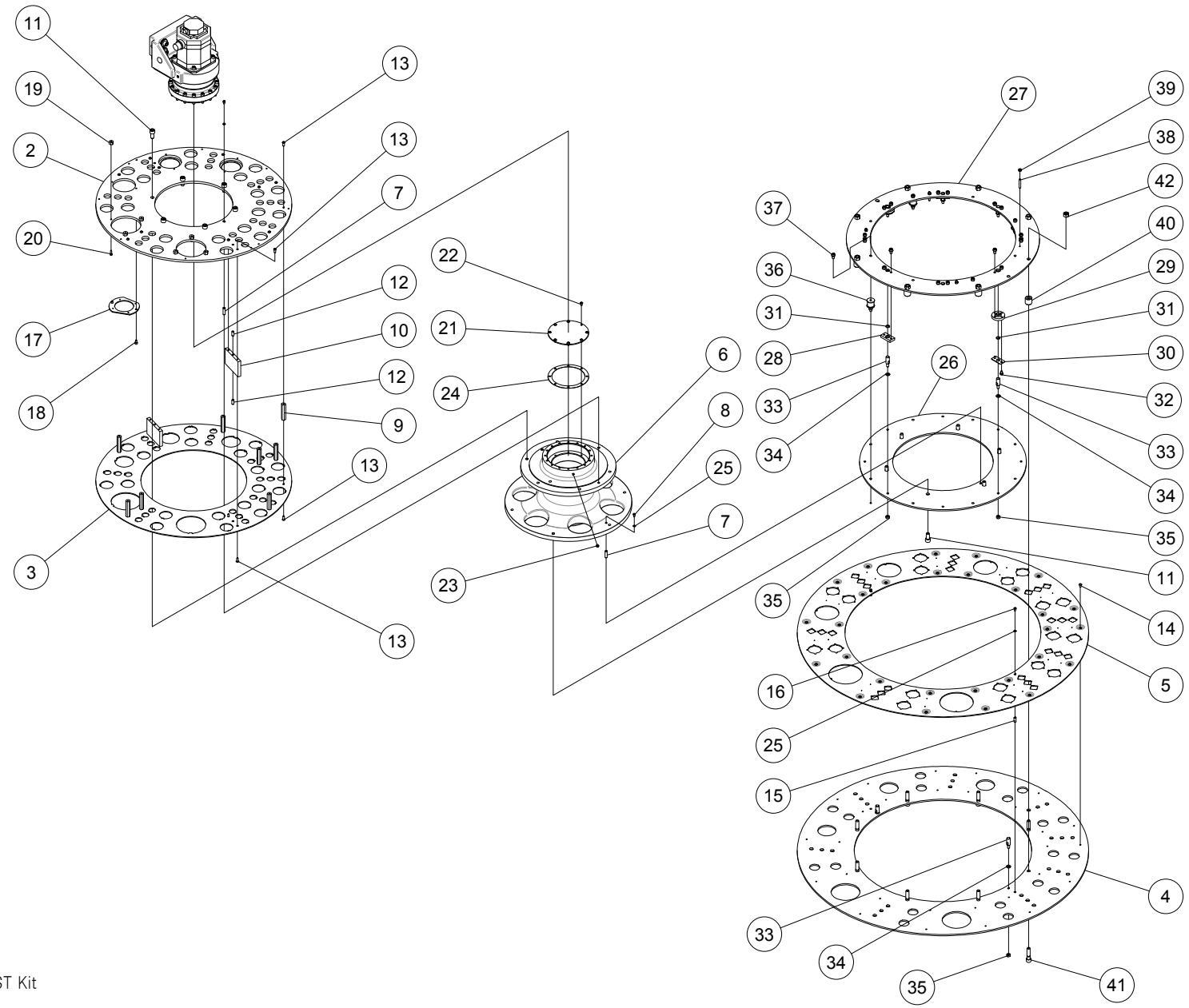
MA01228--B

Unit No. 321 TSU Module BF <Buffer Drive Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Drive Kit		1
	MA01228--B		Index 2-13	
2	74900086	Buffer Housing		1
	MA01223--A			
3	74900538	Washer	WSSB30-12-5	4
	P336238122	MISUMI		
4	74183660	Hex Socket Cap Screw	M12X65	4
	P330250012			
5	74900026	Gear Reducer	RV-40E-57	1
	7831377---			
6	74900604	O Ring	AS568A-258-1A	1
	P590038044	MITSUBISHI		
7	74900533	Hex Socket Cap Screw	M14X60	6
	P330260010	JIS		
8	74183625	Hex Socket Cap Screw	M8X35	16
	P330230009			
9	74776784	Socket Set Screw	M5X5(Flat Type)	2
	P330550015	JIS		
10	74183623	Hex Socket Cap Screw	M8X25	4
	P330230007			
11	74900585	Silencer	PSA101	1
	P557033006	TAIYO LTD.		
12	74387845	Parallel Pin	A-6X15	1
	P337020270	JIS		

Unit No. 321 TSU Module BF <Buffer Drive Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13		Grease	250g	2
	P238048002	Nabtesco	for S-axis Transmission	



1 Template 43ST Kit

MA08113---
(MA01219#1B)

Unit No. 322 TSU Module BF <Template 43ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08113---	Template 43ST Kit	Index 2-42	1
2	74402700 MA06455---	P Plate Buffer 43ST		1
3	74402701 MA06456---	P Template 43St		1
4	74402702 MA07876---	D Plate Buffer 43ST		1
5	74402703 MA07877---	D Template Buffer 43St		1
6	74900085 MA01222--A	Buffer Support		1
7	74900543 P337050009	Parallel Pin Ohkita	8X30(Inner Screw)M6	2
8	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	2
9	74900089 MA01235---	Stud A		8
10	74900090 MA01236---	Spacer		2
11	74183654 P330250004	Hex Socket Cap Screw	M12X25	12
12	74534421 P337020045	Parallel Pin JIS	A-8X20	4

Unit No. 322 TSU Module BF <Template 43ST Kit>

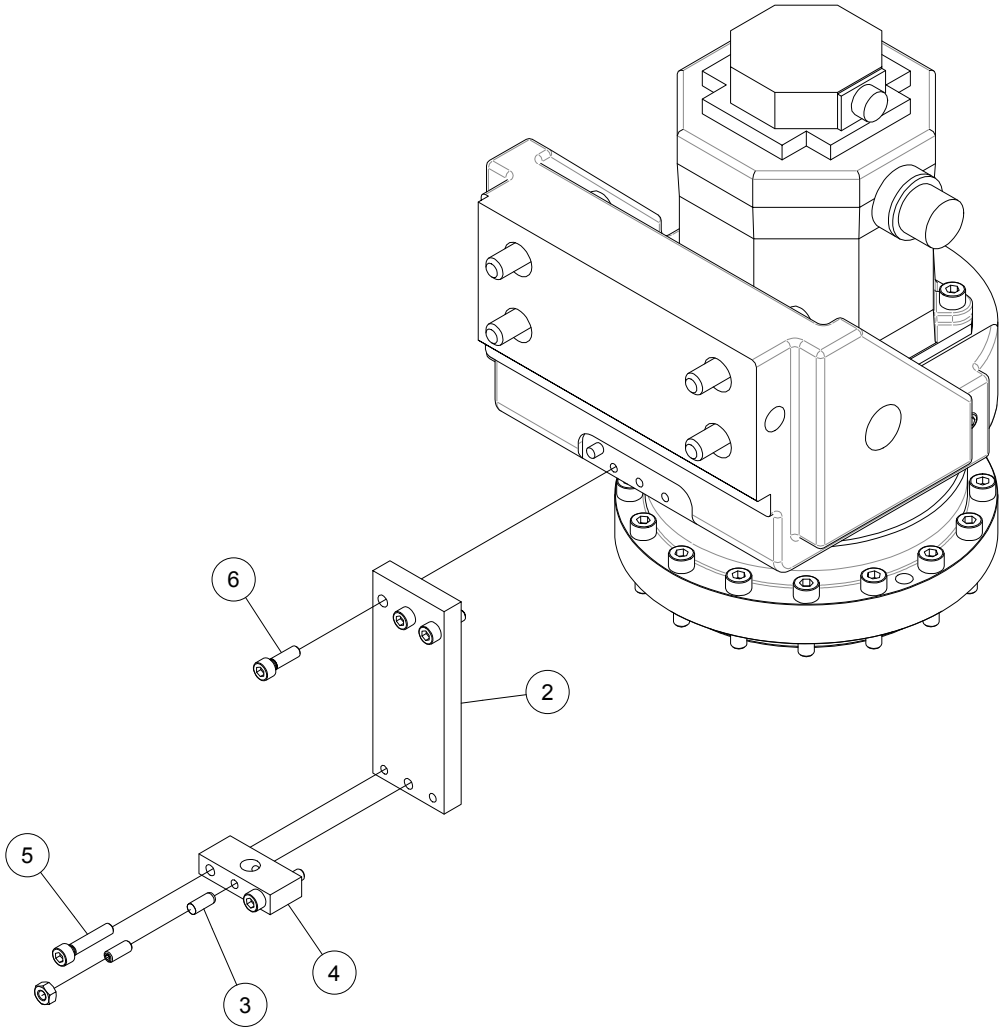
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183310 P334500015	Button Head Screw	M6X15	24
14	74183302 P334500013	Button Head Screw	M6X10	23
15	74811675 P337050039	Parallel Pin Ohkita	8X20(Inner Screw)M6	2
16	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	2
17	74900091 MA01237--A	P Spacer 2 inch		3
18	74776743 P330220003	Hex Socket Cap Screw	M6X10	6
19	74900092 MA01238---	P Spacer 10mm		6
20	74314403 P330210006	Hex Socket Cap Screw	M5X15	6
21	74900093 MA01239--A	Support Cover		1
22	74183302 P334500013	Button Head Screw	M6X10	8
23	74777005 P580208022	Plug for Piping	PT-1/8	1
24	74900087 MA01224--A	Packing		1

Unit No. 322 TSU Module BF <Template 43ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74776840 P336000080	Washer	5(Normal)	4
26	74900156 MA01916---	D Plate		1
27	74900157 MA01917--A	D Sub Plate		1
28	74900158 MA01918--A	Guide Plate 1		6
29	74900159 MA01919--A	Guide Plate 2		2
30	74900155 MA01915---	Clamp Plate		2
31	74314826 P590002012	O Ring NOK	1A-P12	8
32	74183003 P330020002	Bolt	M6X10	4
33	74900570 P446207208	Guide Bar MISUMI	SFAS13-30-F15-B8-P8-SC3	10
34	74183027 P336000006	Washer JIS	8(Normal)	10
35	74300509 P332000031	Nut JIS	M8(Type-1)	10
36	74453259 P382002087	Vibration Isolator KURASHIKI KAKO	RA-30-26H	4

Unit No. 322 TSU Module BF <Template 43ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	20
38	74387794 P330550107	Socket Set Screw MOURI	M6X40(Flat Point)	4
39	74776801 P332000030	Nut JIS	M6(Type-1)	4
40	74900561 P406218351	Collar MISUMI	NCLB12-25-24.5	8
41	74183659 P330250009	Hex Socket Cap Screw	M12X50	8
42	74381588 P332000033	Nut JIS	M12(Type-1)	8

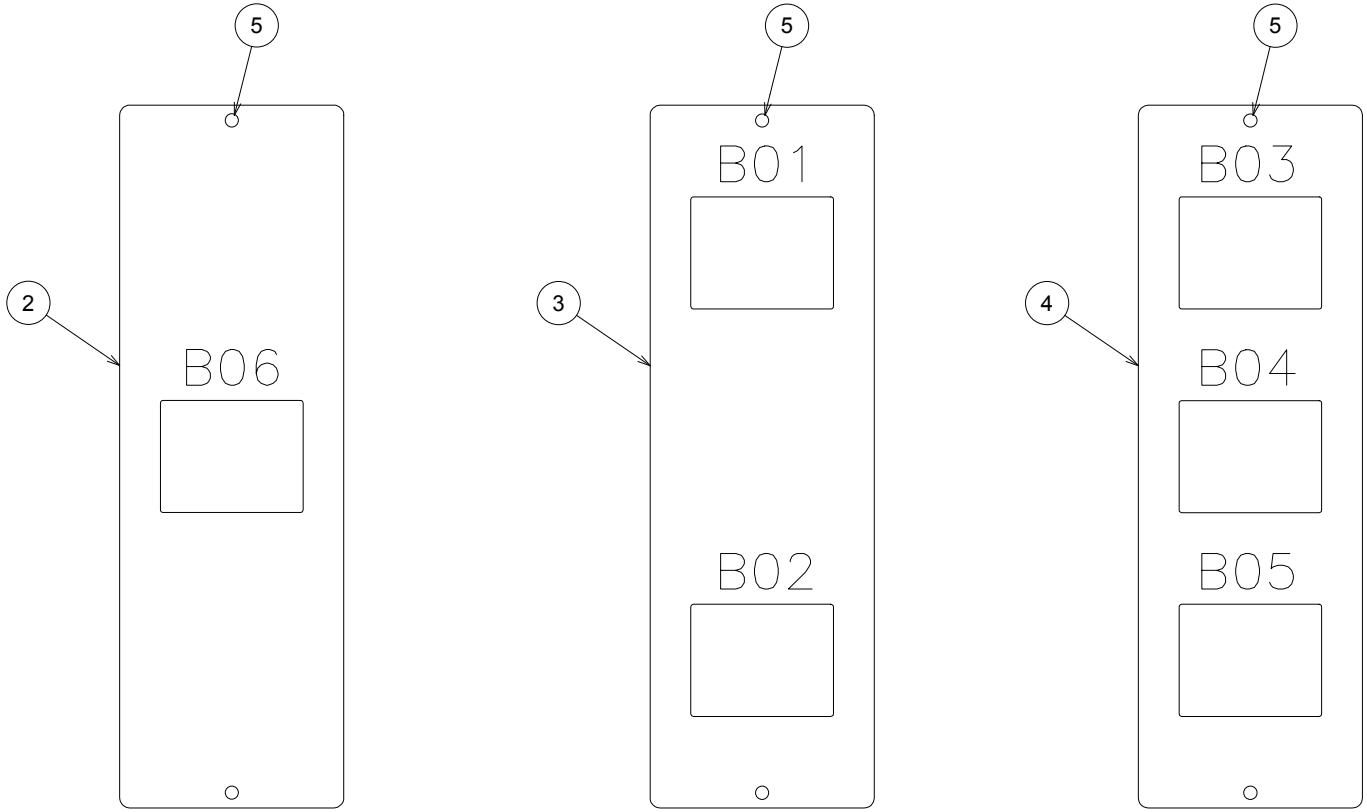


(1) Origin Kit

MA01251--B

Unit No. 323 TSU Module BF <Origin Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01251--B	Origin Kit	Index 2-8	1
2	74900097 MA01252--A	Origin Block U		1
3	74387845 P337020270	Parallel Pin JIS	A-6X15	1
4	74900098 MA01253--B	Origin Block L		1
5	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	3
7	74183126 P330550029	Socket Set Screw MOURI	M6X15(Flat Type)	1
8	74776795 P332000004	Nut JIS	M6	1

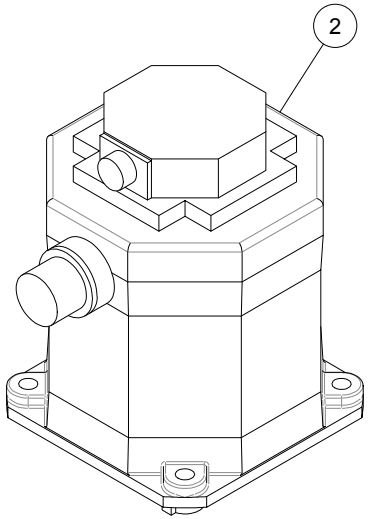


(1) Name Plate Layou 43ST

MA08043---

Unit No. 324 TSU Module BF <Name Plate Layout 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08043---	Name Plate Layou 43ST	Index 2-5	1
2	74402704 / MA07888---	Name Plate D1		1
3	74402705 / MA07889---	Name Plate D2		1
4	74402706 / MA07890---	Name Plate D3		1
5	74387910 / P339208005	Blind Rivet / LOBTEX	NTA3-3	44

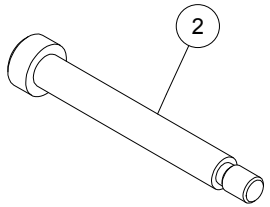


(1) Buffer Servo Motor ASSY

MA01977---
(MA05097)

Unit No. 325 TSU Module BF <Buffer Servo Motor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Servo Motor ASSY		1
	MA01977---		Index 2	
2	74900608	Servo Motor	A06B-0075-B203	1
	P714018240	FANUC	S-axis	

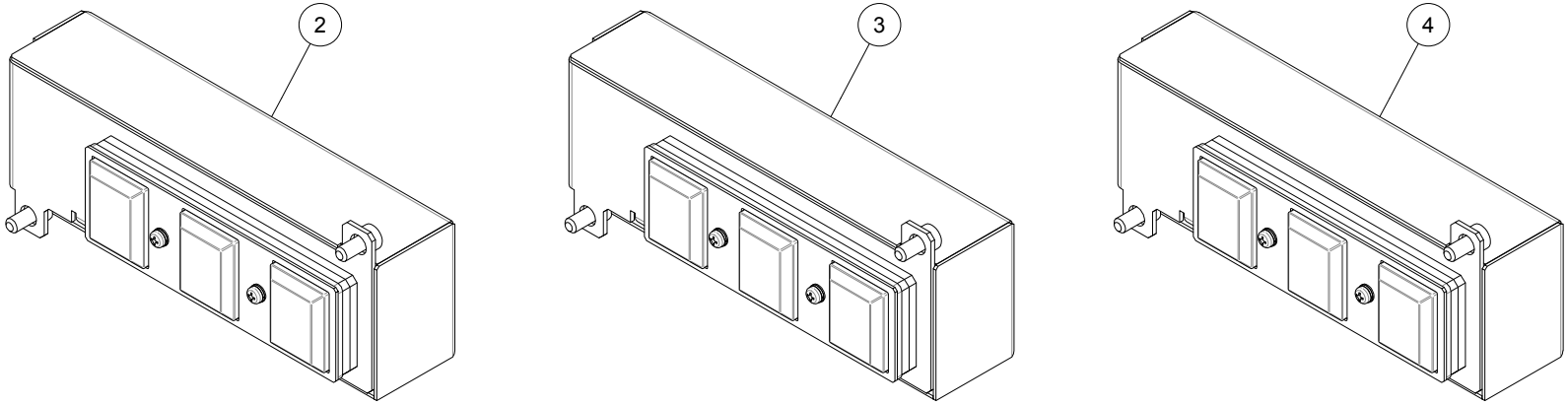


(1) Origin Adjusting Kit

MA01213---

Unit No. 326 TSU Module BF <Origin Adjusting Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01213---	Origin Adjusting Kit	Index 2	1
2	74387615 / P338134043	Shoulder Screw / MISUMI	MSB10-70	1

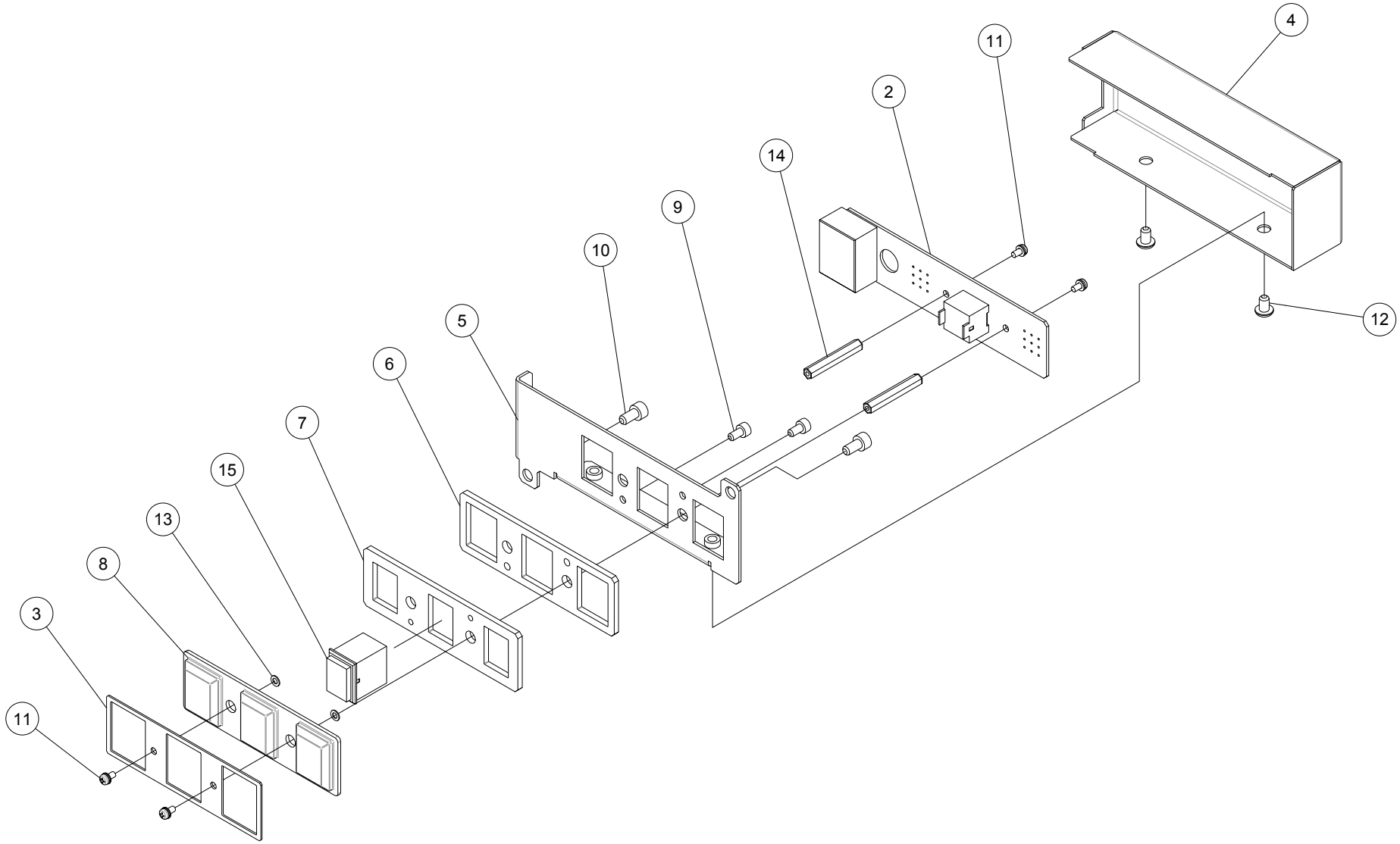


(1) Switch ASSY 43ST

MA08123---

Unit No. 327 TSU Module BF <Switch ASSY 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08123---	Switch ASSY 43ST	Index 2-4	1
2	MA08121---	Switch 1 ASSY		5
3	MA08122---	Switch 2 ASSY		9
4	MA08120---	Switch 3 ASSY		8



(1) Switch 1 ASSY

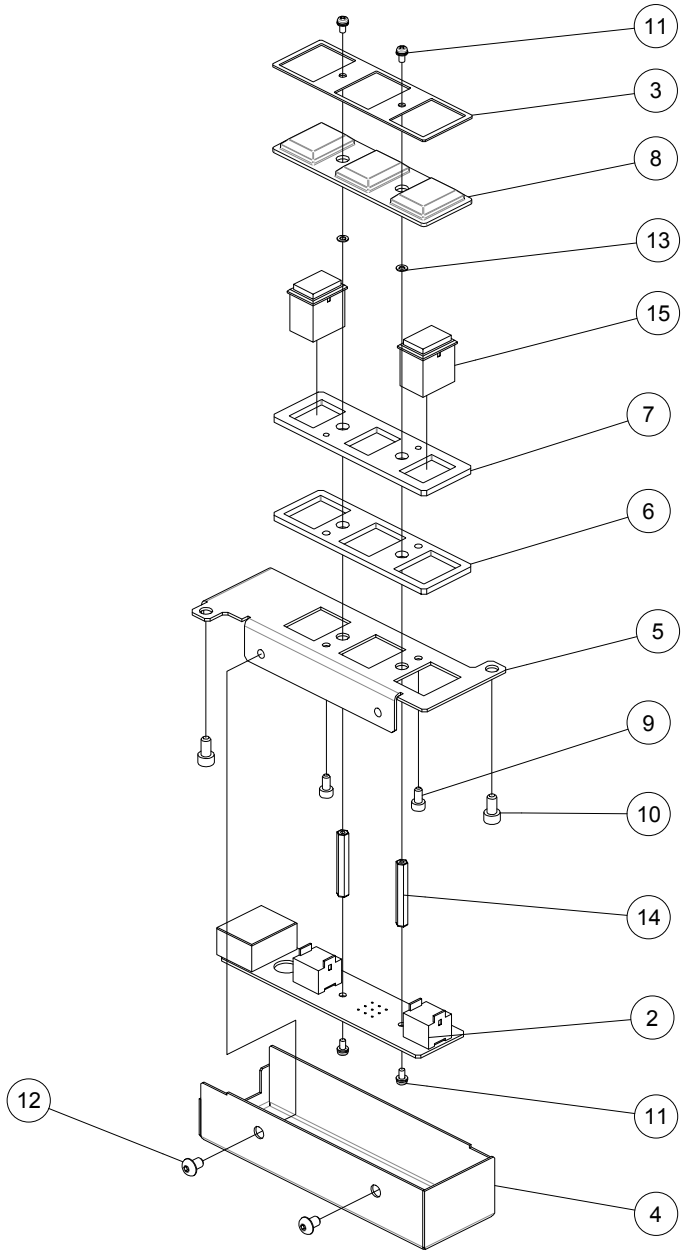
MA08121---

Unit No. 328 TSU Module BF <Switch 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08121---	Switch 1 ASSY	Index 2-15	5
2	74402707 7833096---	Board BFSW1		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 328 TSU Module BF <Switch 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	1



(1) Switch 2 ASSY

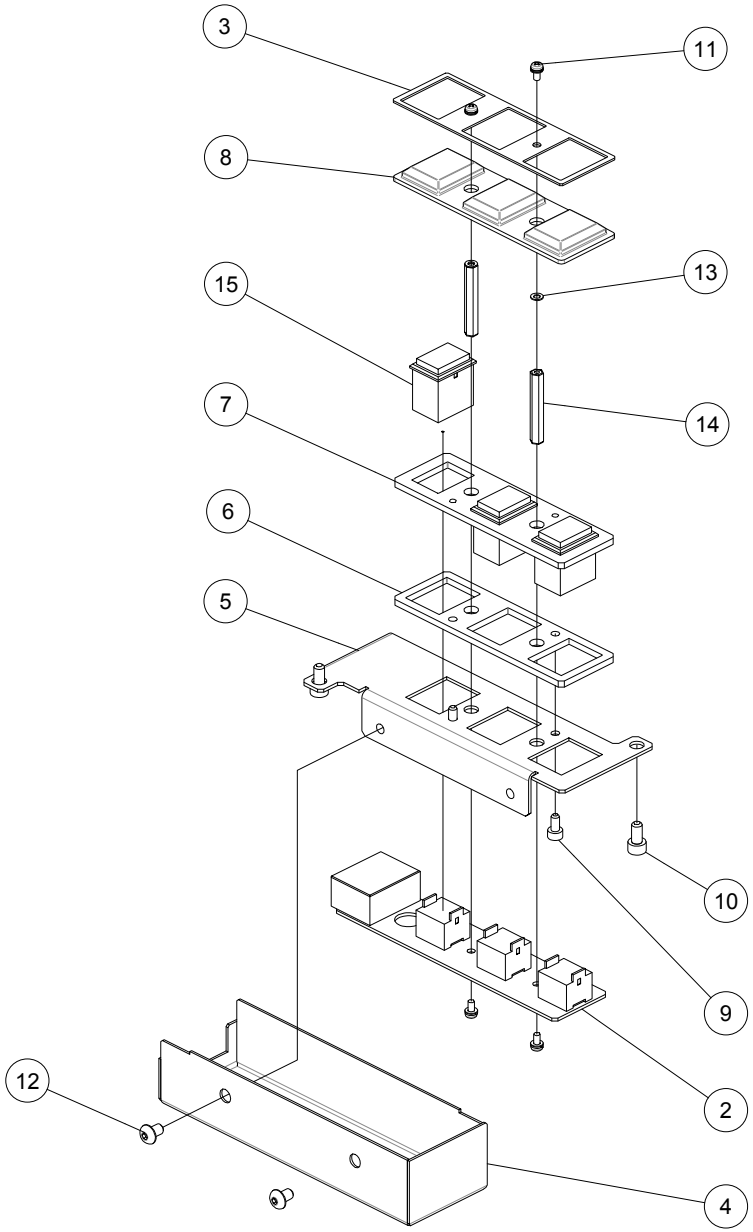
MA08122---

Unit No. 329 TSU Module BF <Switch 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08122---	Switch 2 ASSY	Index 2-15	9
2	74402717 7833095---	Board BFSW2		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 329 TSU Module BF <Switch 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	2



(1) Switch 3 ASSY

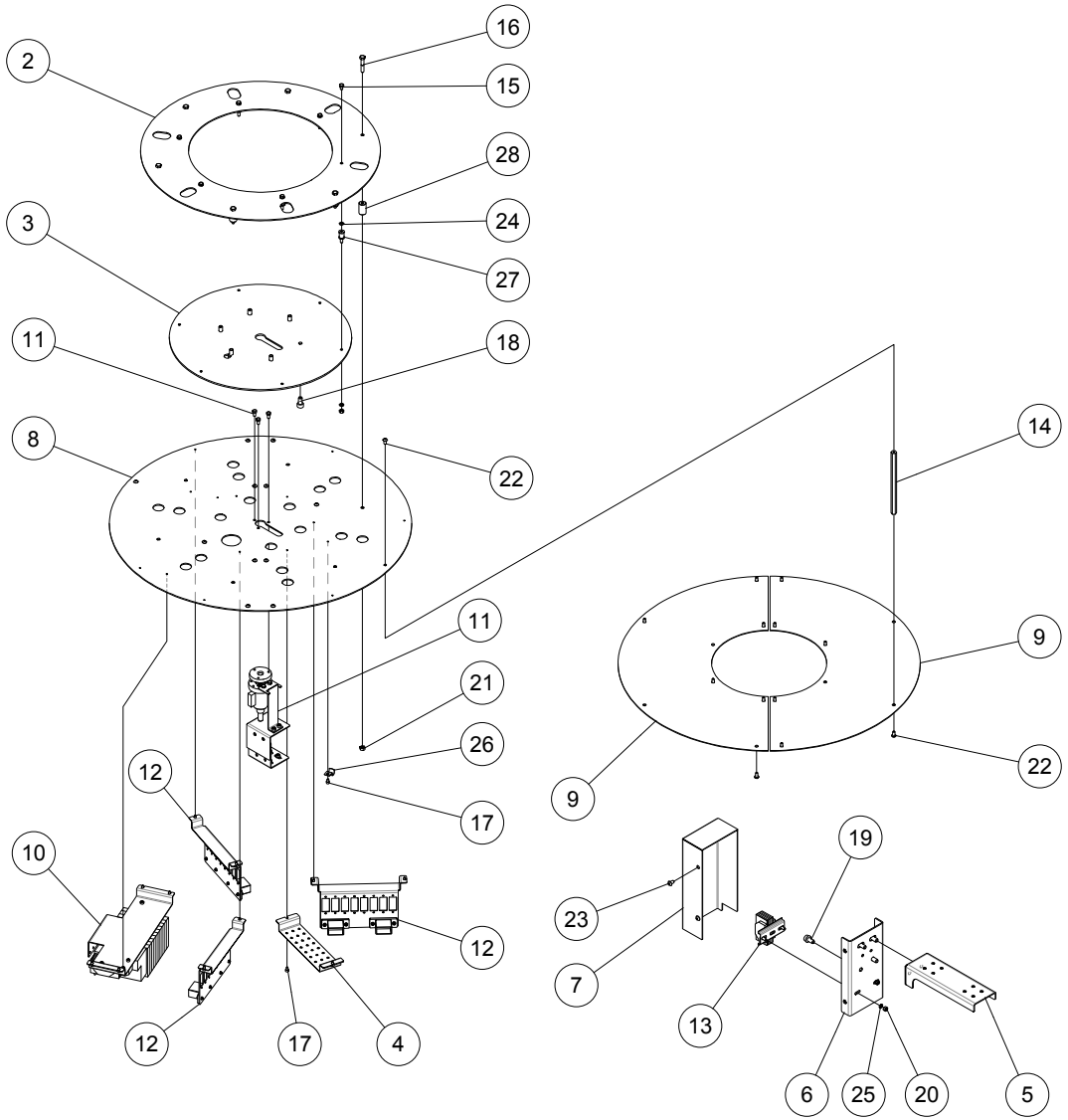
MA08120---

Unit No. 330 TSU Module BF <Switch 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08120---	Switch 3 ASSY	Index 2-15	8
2	74402718 7833094---	Board BFSW3		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 330 TSU Module BF <Switch 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	3



(1) Base ASSY

MA08125---

Unit No. 331 TSU Module BF <Base ASSY>

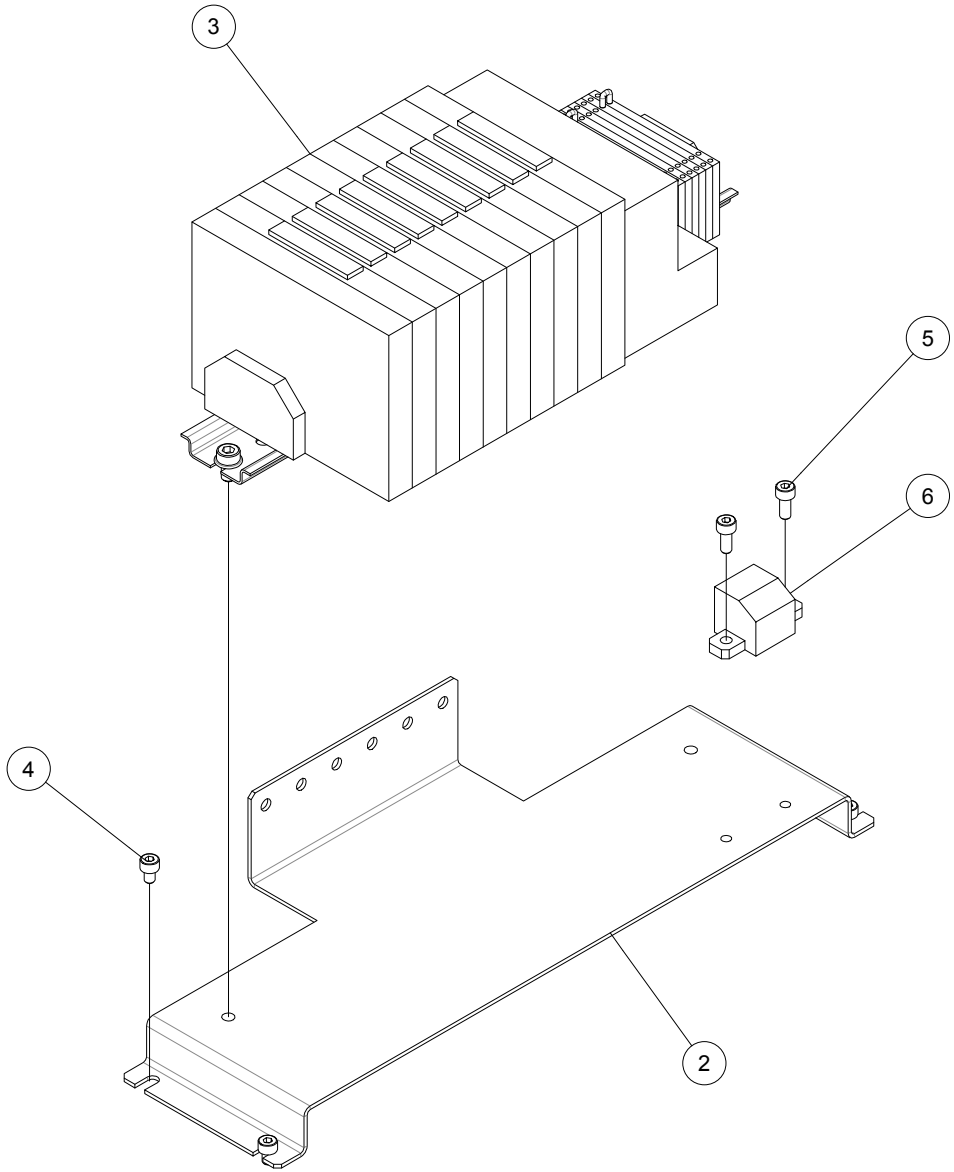
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08125---	Base ASSY	Index 2-28	1
2	74402719 / MA06430---	Base Sub Plate		1
3	74402720 / MA06991---	Base Plate		1
4	74402721 / MA06994---	Cable Clamp Base		1
5	74402722 / MA07003---	Base Bracket C		1
6	74402723 / MA07883---	Base Bracket D		1
7	74402724 / MA07884---	Base Bracket Cover		1
8	74402725 / MA07880---	Equipment Layout Base		1
9	74402726 / MA07882---	Cover Plate		2
10	MA08126---	Terminal Block ASSY		1
11	MA08128---	Slip Ring Kit		1
12	MA08129---	Connector Kit 2		3

Unit No. 331 TSU Module BF <Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	MA08131---	Terminal Block Kit		1
14	74402727 P022008026	Round Steel Bar MISUMI	RDRC10-155-WMC5	12
15	74413112 P330010001	Bolt JIS	M5X8	6
16	74314514 P330020010	Bolt	M6X35	6
17	74383398 P330200013	Hex Socket Cap Screw	M4X6	3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
19	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
20	74402728 P332000029	Nut JIS	M5	2
21	74776801 P332000030	Nut JIS	M6(Type-1)	6
22	74183301 P334500009	Button Head Screw	M5X10	24
23	74183302 P334500013	Button Head Screw	M6X10	2
24	74776840 P336000080	Washer	5(Normal)	6

Unit No. 331 TSU Module BF <Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300516 / P336050004	Spring Washer / JIS	5	2
26	74543619 / P381017027	Saddle for Conduit / DAIWA DENGYO	PZ0110	1
27	74402729 / P382002105	Vibration Isolator / KURASHIKI KAKO	RA-12	6
28	74402730 / P406218347	Collar / MISUMI	KNCLB6-15-25	6

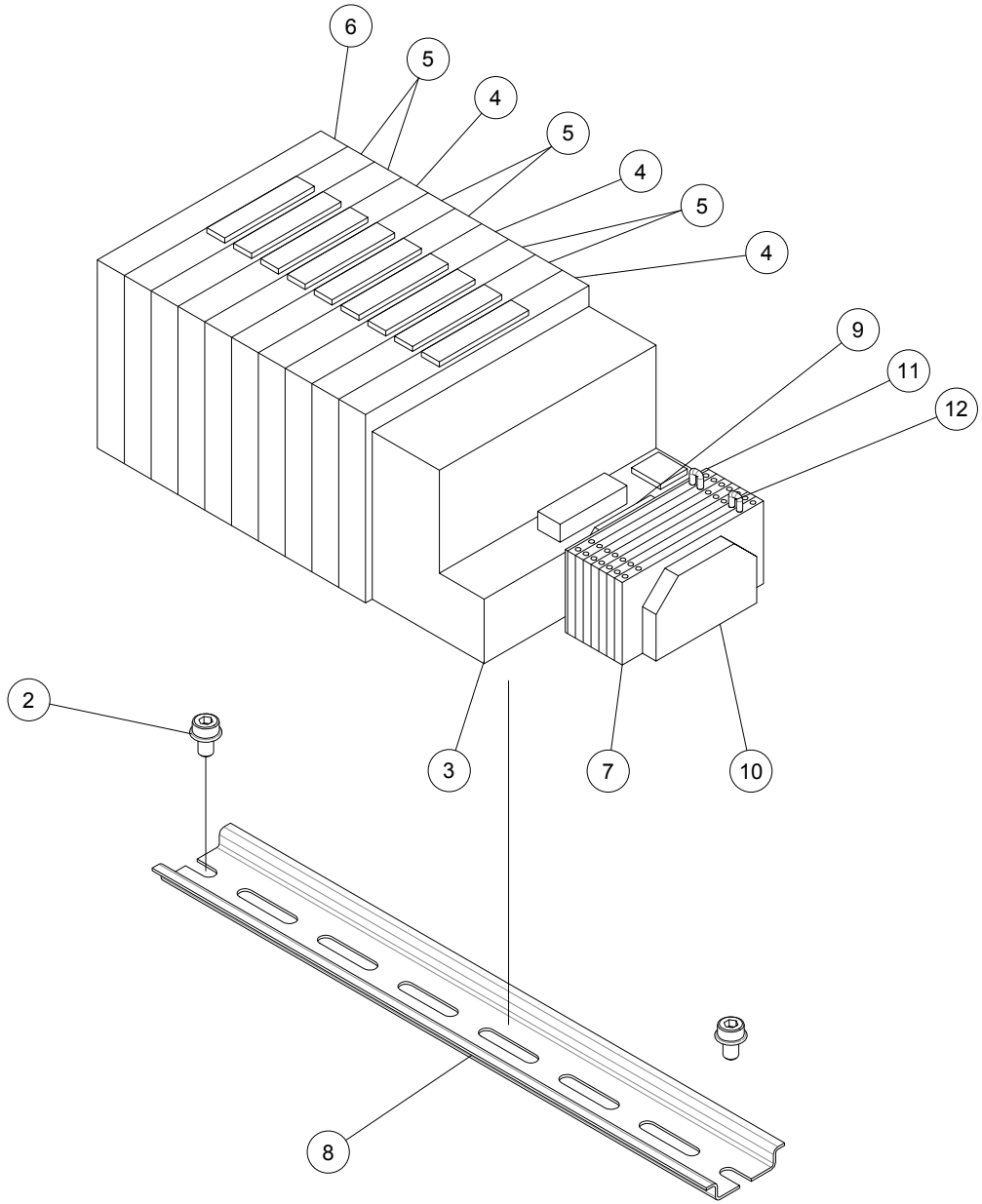


(1) Terminal Block ASSY

MA08126---

Unit No. 332 TSU Module BF <Terminal Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08126---	Terminal Block ASSY	Index 2-6	1
2	74402731 MA06995---	Base Bracket		1
3	MA08127---	I.O Connector ASSY		1
4	74383398 P330200013	Hex Socket Cap Screw	M4X6	4
5	74314401 P330200015	Hex Socket Cap Screw	M4X10	2
6	74903368 P767482031	Accessory (Program Controller) OMRON	DRS1-T	1

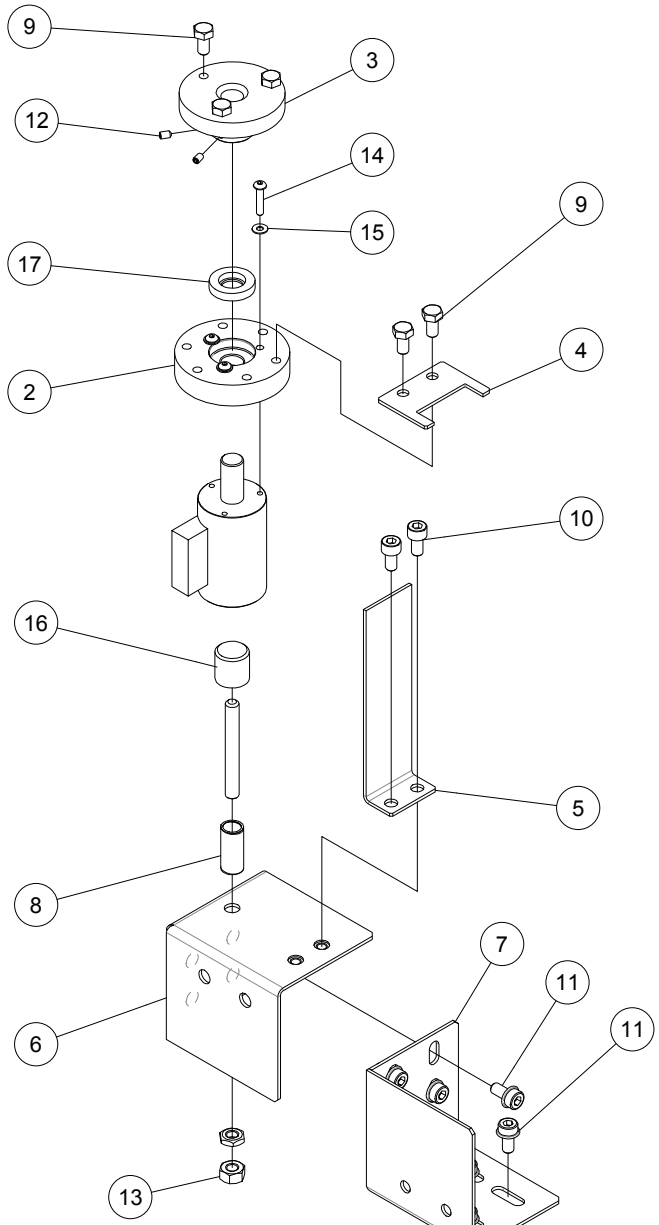


(1) I.O Connector ASSY

MA08127---

Unit No. 333 TSU Module BF <I.O Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08127---	I.O Connector ASSY	Index 2-12	1
2	74776778 P330468030	Flange Socket Bolt NISSAN NEJI	M5X8	2
3	74402732 P767478171	Program Controller Module WAGO	750-346	1
4	74402733 P767478172	Program Controller Module WAGO	750-1400	3
5	74402734 P767478173	Program Controller Module WAGO	750-1500	6
6	74402735 P767478174	Program Controller Module WAGO	750-600	1
7	74900876 P864008527	Block Terminal PHOENIX	PIT1.5/S-QUATTRO	7
8	74402736 P864038211	Terminal Base WAGO	210-112-248A	1
9	74614168 P864058065	Terminal Parts WAGO	249-116	2
10	74900882 P864058222	Terminal Parts PHOENIX	CLIPFIX35-5	1
11	74900884 P864058224	Terminal Parts PHOENIX	D-PIT1.5/S-QUATTRO	1
12	74900887 P870018021	Pin Header PHOENIX	FBS2-3.5	2



(1) Slip Ring Kit

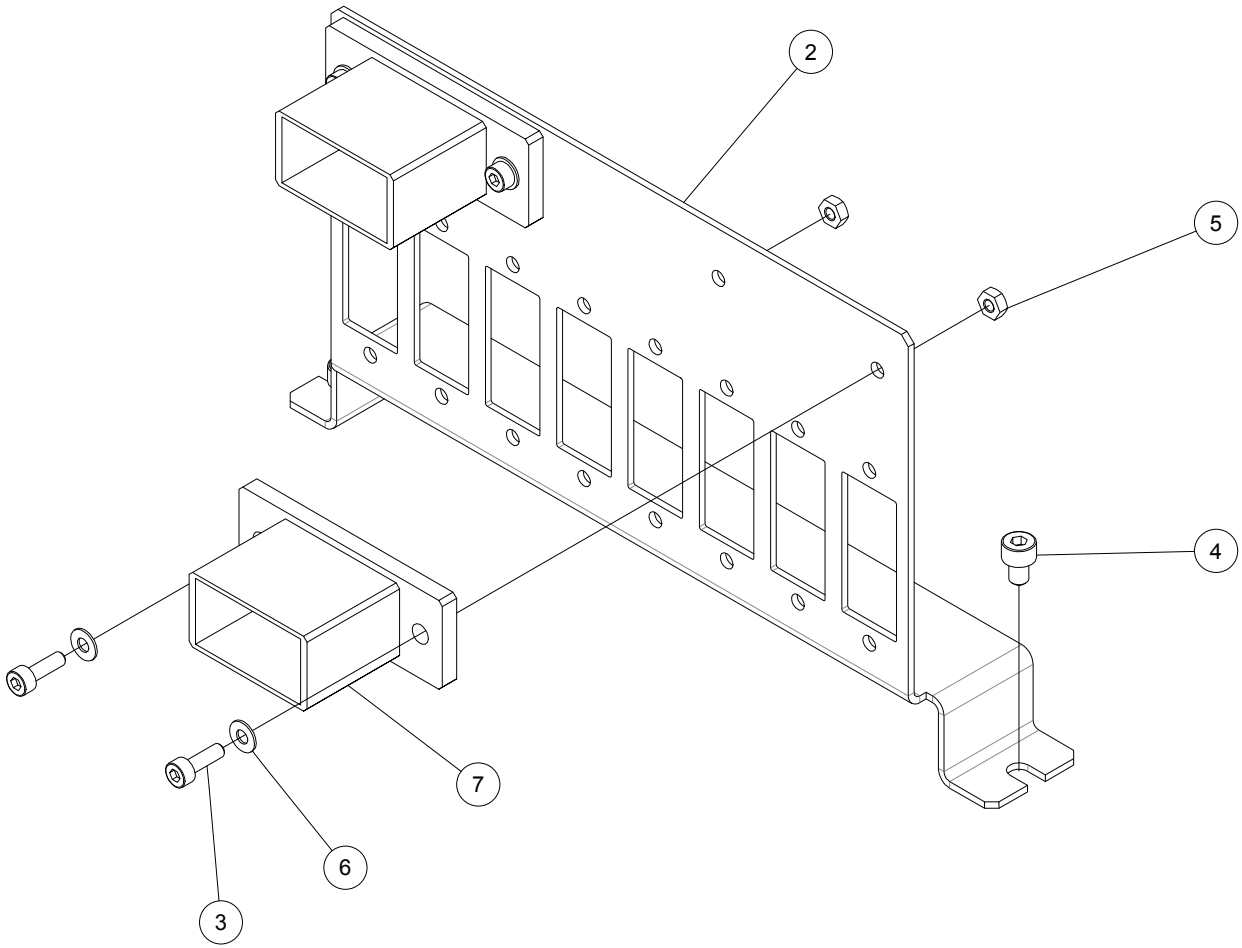
MA08128---

Unit No. 334 TSU Module BF <Slip Ring Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08128---	Slip Ring Kit	Index 2-17	1
2	74402737 MA06433---	Seal Base		1
3	74402738 MA06998---	Support Base		1
4	74402739 MA06999---	Support Plate		1
5	74402740 MA07000---	Stop Plate		1
6	74402741 MA07001---	Base Bracket A		1
7	74402742 MA07885---	Base Bracket B		1
8	74402743 P320065120	Coil Spring MISUMI	WL10-25	1
9	74413111 P330010002	Bolt	M5X10	5
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	8
12	79321634 P330590002	Socket Set Screw JIS	M3X5(Cup Point)	2

Unit No. 334 TSU Module BF <Slip Ring Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795 P332000004	Nut JIS	M6	1
14	74402744 P334500074	Button Head Screw	M3X15	3
15	74570262 P336000086	Washer JIS	3(Normal)	3
16	74402745 P338098103	Stopper Bolt MISUMI	UNBH6-40	1
17	74402746 P590122066	Oil Seal NOK	VC01002004	1

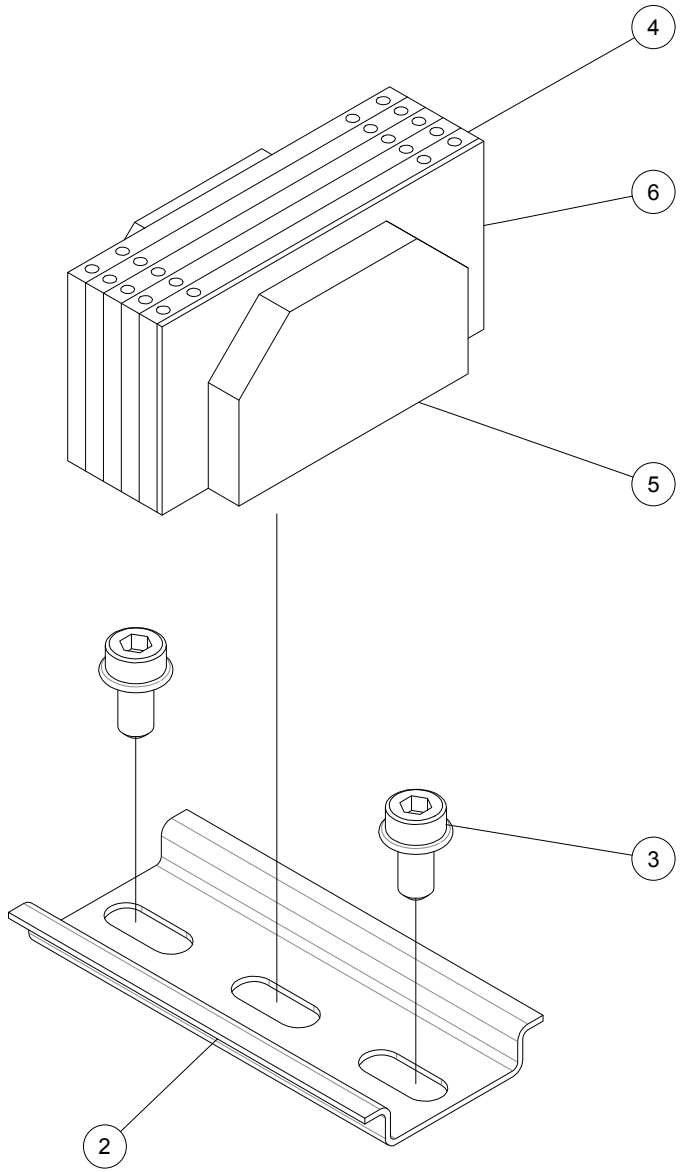


(1) Connector Kit 2

MA08129---

Unit No. 335 TSU Module BF <Connector Kit 2>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08129---	Connector Kit 2	Index 2-7	3
2	74402747 MA07881---	Connector Bracket		1
3	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
4	74383398 P330200013	Hex Socket Cap Screw	M4X6	2
5	74402748 P332000027	Nut JIS	M3(Type-1)	4
6	74570262 P336000086	Washer JIS	3(Normal)	4
7	74402749 P862048247	Rectangle Connector JST	P12B-F35DK-GFAR	2



(1) Terminal Block Kit

MA08131---

Unit No. 336 TSU Module BF <Terminal Block Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Terminal Block Kit		1
	MA08131---		Index 2-6	
2	74402750	DIN Rail	NS35/7.5(L=70)	1
	MA07006---			
3	74560004	Flange Socket Bolt	M5X10	2
	P330460006	NISSAN NEJI		
4	74900876	Block Terminal	PIT1.5/S-QUATTRO	5
	P864008527	PHOENIX		
5	74900882	Terminal Parts	CLIPFIX35-5	2
	P864058222	PHOENIX		
6	74900884	Terminal Parts	D-PIT1.5/S-QUATTRO	1
	P864058224	PHOENIX		

< List Only >

MA08048---

Unit No. 337 TSU Module BF <Buffer LED Cable ASSY 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08048---	Buffer LED Cable ASSY 43ST	Index 2-21	1
2	74402751 / MA07012---	Cable SWCR1		1
3	74402752 / MA07018---	Cable SWCR2		1
4	74402753 / MA07019---	Cable SWCR3		1
5	74402754 / MA07621---	Cable SWC1		5
6	74402755 / MA07622---	Cable SWC2		9
7	74402756 / MA07623---	Cable SWC3		8
8	74402757 / MA07016---	Cable (V+)		3
9	74402758 / MA07017---	Cable (V-)		3
10	74402759 / MA07013---	Cable DRAIN		1
11	74402760 / MA07014---	Cable CANL		1
12	74402761 / MA07015---	Cable CANH		1

Unit No. 337 TSU Module BF <Buffer LED Cable ASSY 43ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402762 MA07625---	Cable (V+-)		3
14	74402763 MA07624---	Cable (V+-) 2		3
15	74402764 MA06475---	Cable CANL 2		1
16	74402765 MA06476---	Cable CANH 2		1
17	74402766 MA07626---	Cable (V+) 2		1
18	74402767 MA07627---	Cable (V-) 2		1
19	74402768 MA07628---	Cable SLRG		1
20	74413038 P330200003	Hex Socket Cap Screw	M3X10	44
21	74183201 P332000001	Nut JIS	M3	44

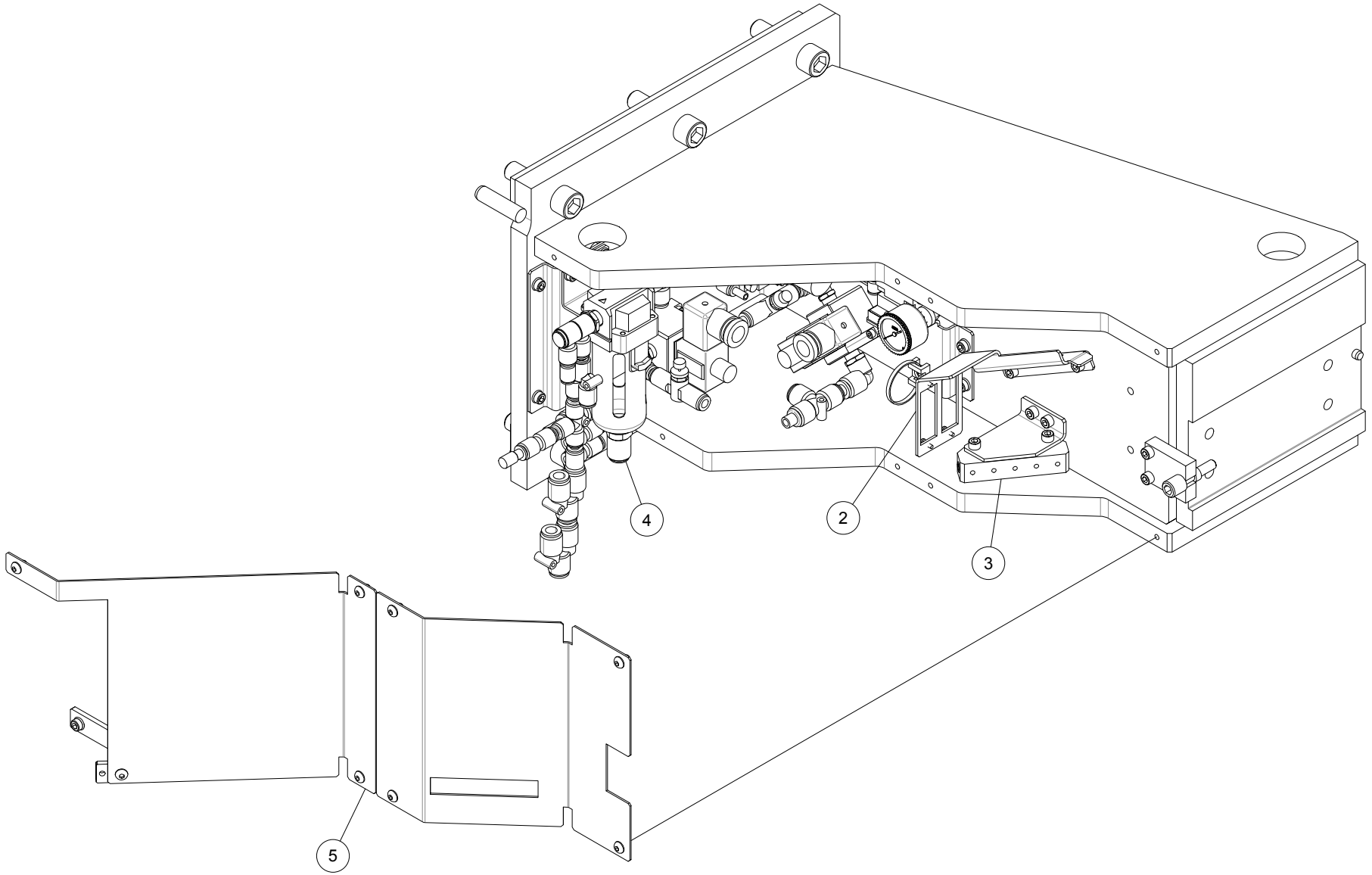
< List Only >

MA08115---

Unit No. 338 TSU Module BF <Buffer ASSY 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08115---	Buffer ASSY 33ST	Index 2-7	1
2	MA04386---	Buffer Base ASSY		1
3	MA08116---	Buffer Template 33ST		1
4	MA01213---	Origin Adjusting Kit		1
5	MA08124---	Switch ASSY 33ST		1
6	MA08125---	Base ASSY		1
7	MA08049---	Buffer LED Cable ASSY 33ST		1

Unit No. 339 TSU Module BF <Buffer Base ASSY>

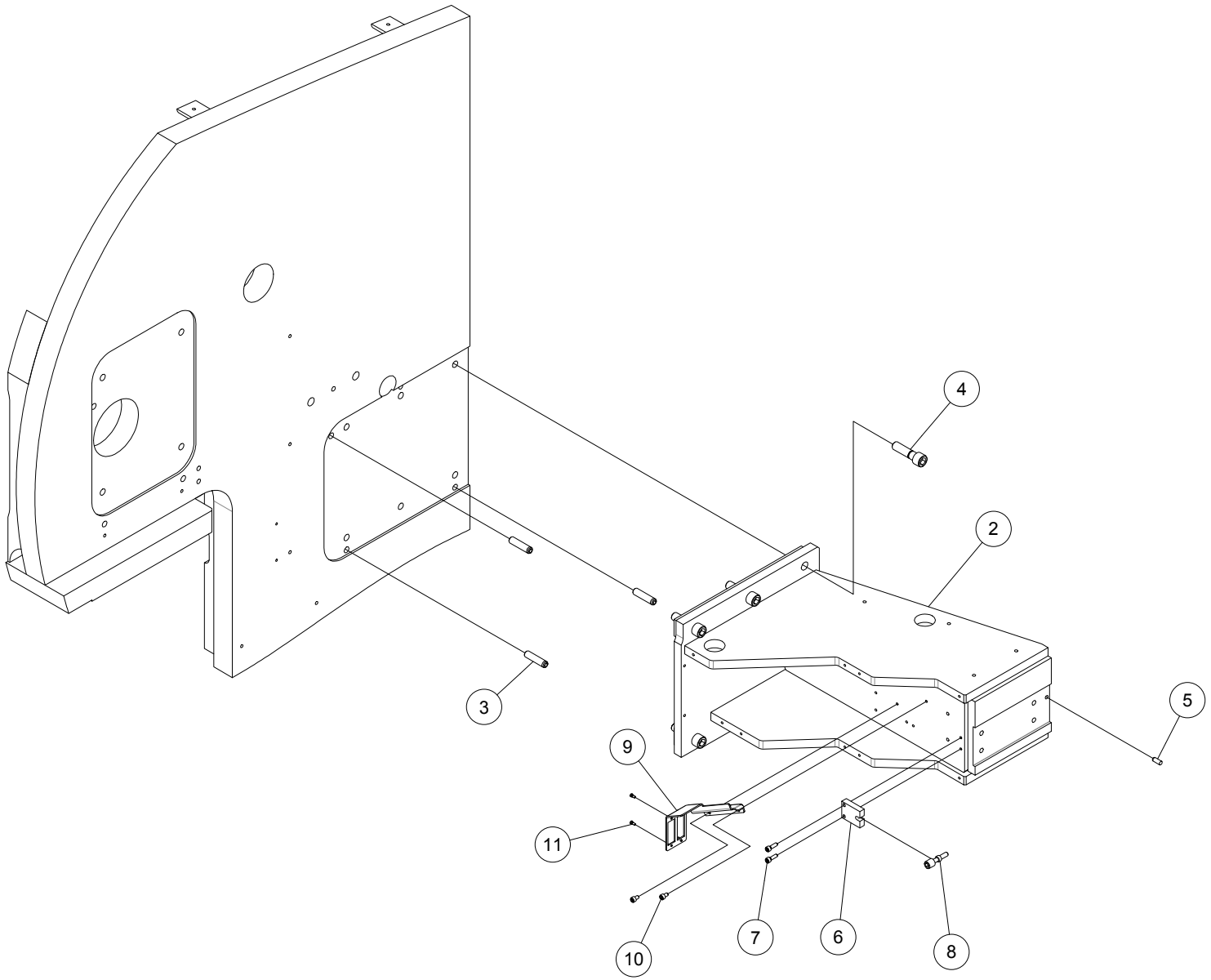


1 Buffer Base ASSY

MA04386---

Unit No. 339 TSU Module BF <Buffer Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04386---	Buffer Base ASSY	Index 2-7	1
2	MA01216--C	Buffer Base Kit		1
3	MA01244---	Buffer Air Blow Kit		1
4	MA01247--A	Piping Panel ASSY		1
5	MA01255--A	Cover Kit		1
6	MA01976---	Buffer Electric Cable ASSY	List Only	1
7	MA01930---	Jumper Connector ASSY	List Only	1

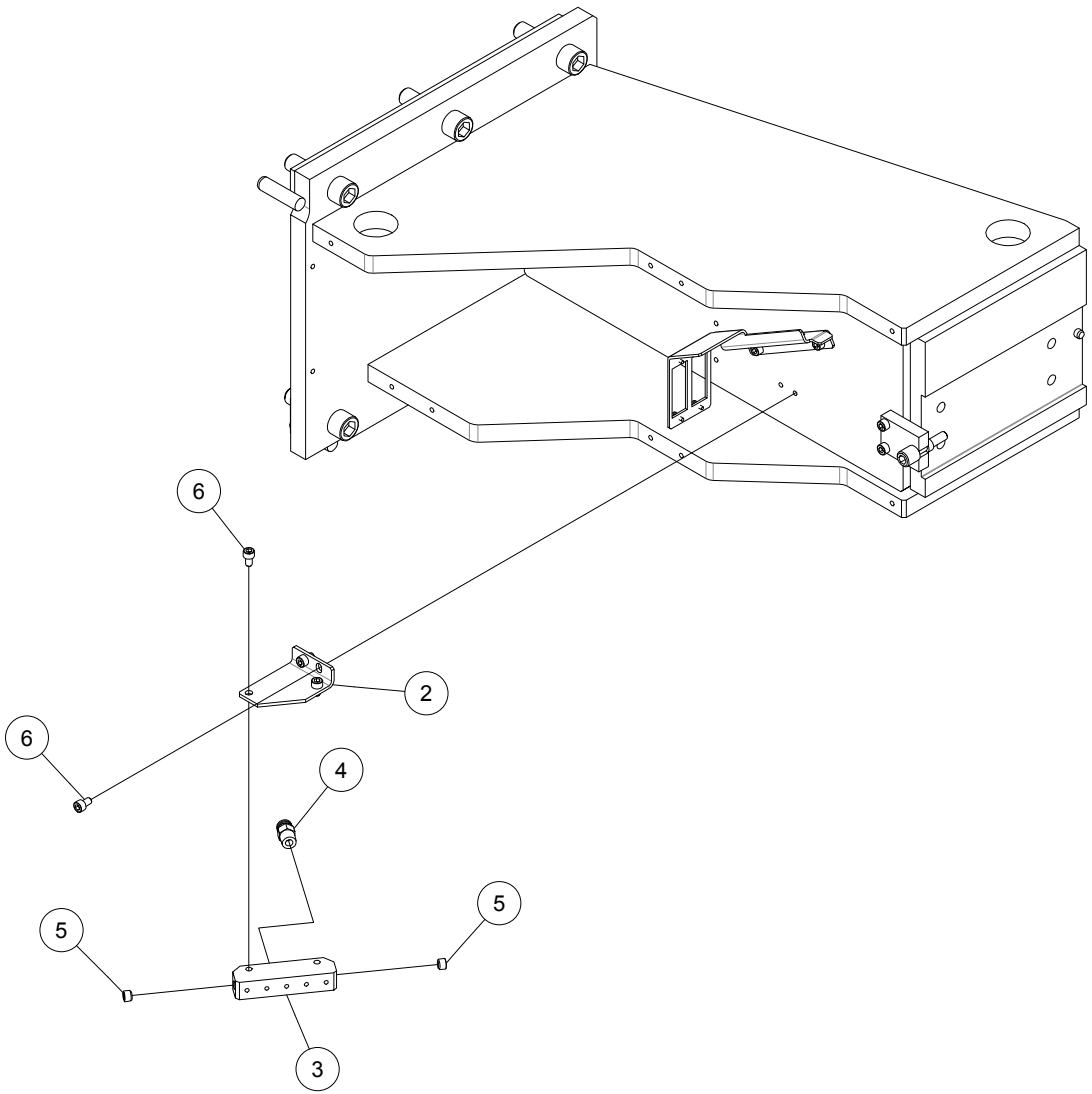


(1) Buffer Base Kit

MA01216--C

Unit No. 340 TSU Module BF <Buffer Base Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Base Kit		1
	MA01216--C		Index 2-11	
2	74402987	Buffer Base Welding Machining		1
	MA01217--C			
3	74900546	Parallel Pin	13X50(Inner Screw)M6	3
	P337050092	Ohkita		
4	74183664	Hex Socket Cap Screw	M16X60	6
	P330260036			
5	74811675	Parallel Pin	8X20(Inner Screw)M6	1
	P337050039	Ohkita		
6	74900553	Block for Adjust Bolt	AJSC8-40	1
	P338238004	MISUMI		
7	74183611	Hex Socket Cap Screw	M6X20	2
	P330220009	JIS		
8	74900552	Adjust Bolt	AJKTN8-20	1
	P338228027	MISUMI		
9	74900088	Cable Support		1
	MA01227--A			
10	74776743	Hex Socket Cap Screw	M6X10	2
	P330220003			
11	74386505	Accessory for Connector	900128-2 (Push Rivet)	4
	P862182002	AMP		

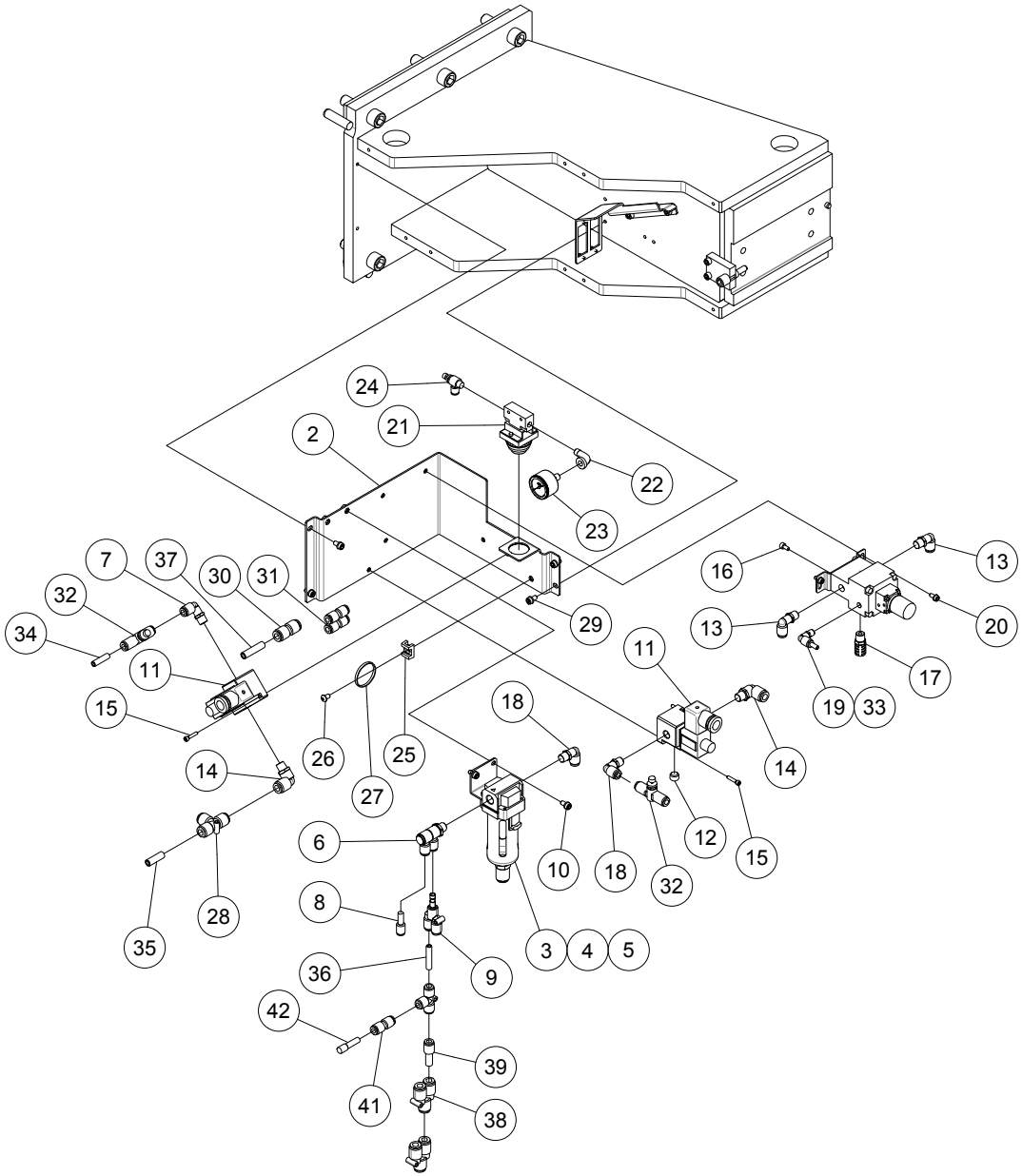


(1) Buffer Air Blow Kit

MA01244---

Unit No. 341 TSU Module BF <Buffer Air Blow Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ MA01244---	Buffer Air Blow Kit /	/ Index 2-6	1
2	74900095 / MA01246---	Piping Bracket /	/	1
3	74900094 / MA01245---	Piping Block /	/	1
4	74900592 / P586533115	One Touch Fitting / SMC	KQ2H08-02S /	1
5	74777005 / P580208022	Plug for Piping /	PT-1/8 /	2
6	74776743 / P330220003	Hex Socket Cap Screw /	M6X10 /	4



(1) Piping Panel ASSY

MA01247--A

Unit No. 342 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01247--A	Piping Panel ASSY	Index 2-42	1
2	74900096 MA01248---	Piping Panel		1
3	74452407 P557002060	Air Filter SMC	AFM30-02BD with Index 45	1
4	74900588 P557052016	Element ASSY SMC	AFM30P-060AS	1
5	74900605 P590038087	Case O Ring SMC	C2SFP-260S	1
6	74420282 P586563141	One Touch Fitting SMC	KQ2VD08-02S	1
7	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	1
8	74613240 P586653011	One Touch Fitting SMC	KQ2R06-08 (Plug-in Reducer)	1
9	74420283 P586613004	One Touch Fitting SMC	KQ2U08-99	1
10	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
11	74561267 P556002272	Air Directional Control Valve SMC	VT317-5DZ-02	2
12	74777004 P580208021	Plug for Piping	PT-1/4	2

Unit No. 342 TSU Module BF <Piping Panel ASSY>

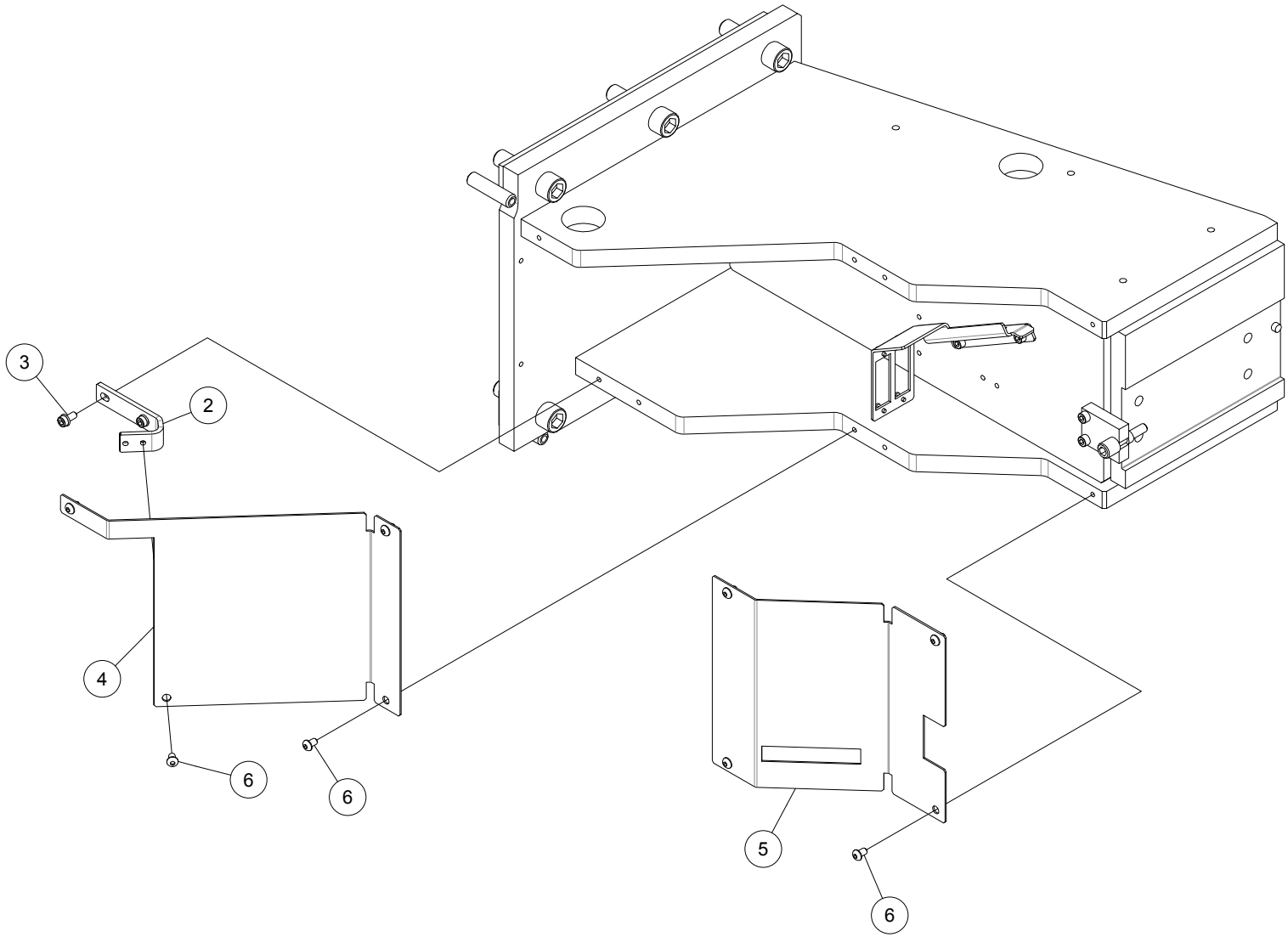
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	2
14	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	2
15	74183602 P330200021	Hex Socket Cap Screw	M4X20	4
16	74452406 P553002069	Regulator SMC	VEX1333-02-BN	1
17	74717447 P557032008	Silencer SMC	AN203-02	1
18	74613234 P586563124	One Touch Fitting SMC	KQ2L08-02S	2
19	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
20	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	2
21	74420284 P556052017	Air Directional Control Valve SMC	VM130-01-32B	1
22	74381731 P580050010	Elbow JIS	1/8(Male-Female)	1
23	74389805 P600002011	Pressure Gauge SMC	G36-2-01	1
24	74570649 P555002077	Speed Controller SMC	AS2211F-01-06S	1

Unit No. 342 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74568661 P381058101	Cable Band KITAGAWA	TM3S25	1
26	74183302 P334500013	Button Head Screw	M6X10	1
27	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	5
28	74613238 P586593005	One Touch Fitting SMC	KQ2T10-00	1
29	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	4
30	74613230 P586533080	One Touch Fitting SMC	KQ2H10-00	1
31	74777032 P586533089	One Touch Fitting SMC	KQ2H08-00	2
32	74732129 P555002080	Speed Controller SMC	AS2051F-08	2
33	74570235 P230222138	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.3M	1
34	74418982 P230232086	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-1.2M	1
35	71345946 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M	1
36	74418982 P230232099	Plastic Hose NITTA MOORE	U2-4-8X5(Black)-4M	1

Unit No. 342 TSU Module BF <Piping Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	71345946 P230242073	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-4M	1
38	74777035 P586533102	One Touch Fitting SMC	KQ2U10-00	2
39	74777059 P586653015	One Touch Fitting SMC	KQ2R08-10	1
40	74900599 P586593012	One Touch Fitting SMC	KQ2T08-00	1
41	74777032 P586533089	One Touch Fitting SMC	KQ2H08-00	1
42	74613869 P586643005	Pneumatic Plug SMC	KQ2P-08	1



(1) Cover Kit

MA01255--A

Unit No. 343 TSU Module BF <Cover Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01255--A	Cover Kit	Index 2-6	1
2	74900099 MA01256--A	Cover Bracket		1
3	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2
4	74900100 MA01257--A	Air Machinery Cover L		1
5	74900101 MA01258---	Air Machinery Cover R		1
6	74183302 P334500013	Button Head Screw	M6X10	8

< List Only >

MA01976---

Unit No. 344 TSU Module BF <Buffer Electric Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01976---	Buffer Electric Cable ASSY	Index 2-8	1
2	74900183 MA01970--A	Cable CN3C11	with Index 3	1
3	71461214 P559004005	Pressure Switch CKD	PPE-P10-H6-B SP100	1
4	74900184 MA01971---	Cable CN4C11	(YV289)	1
5	74900185 MA01972---	Cable CN4C12	(YV290)	1
6	74900186 MA01973--B	Cable CN3C		1
7	74900187 MA01974--B	Cable CN4C		1
8	74900199 MA05054---	Cable CND-1	(SQ448)	1

< List Only >

MA01930---

Unit No. 345 TSU Module BF <Jumper Connector ASSY>

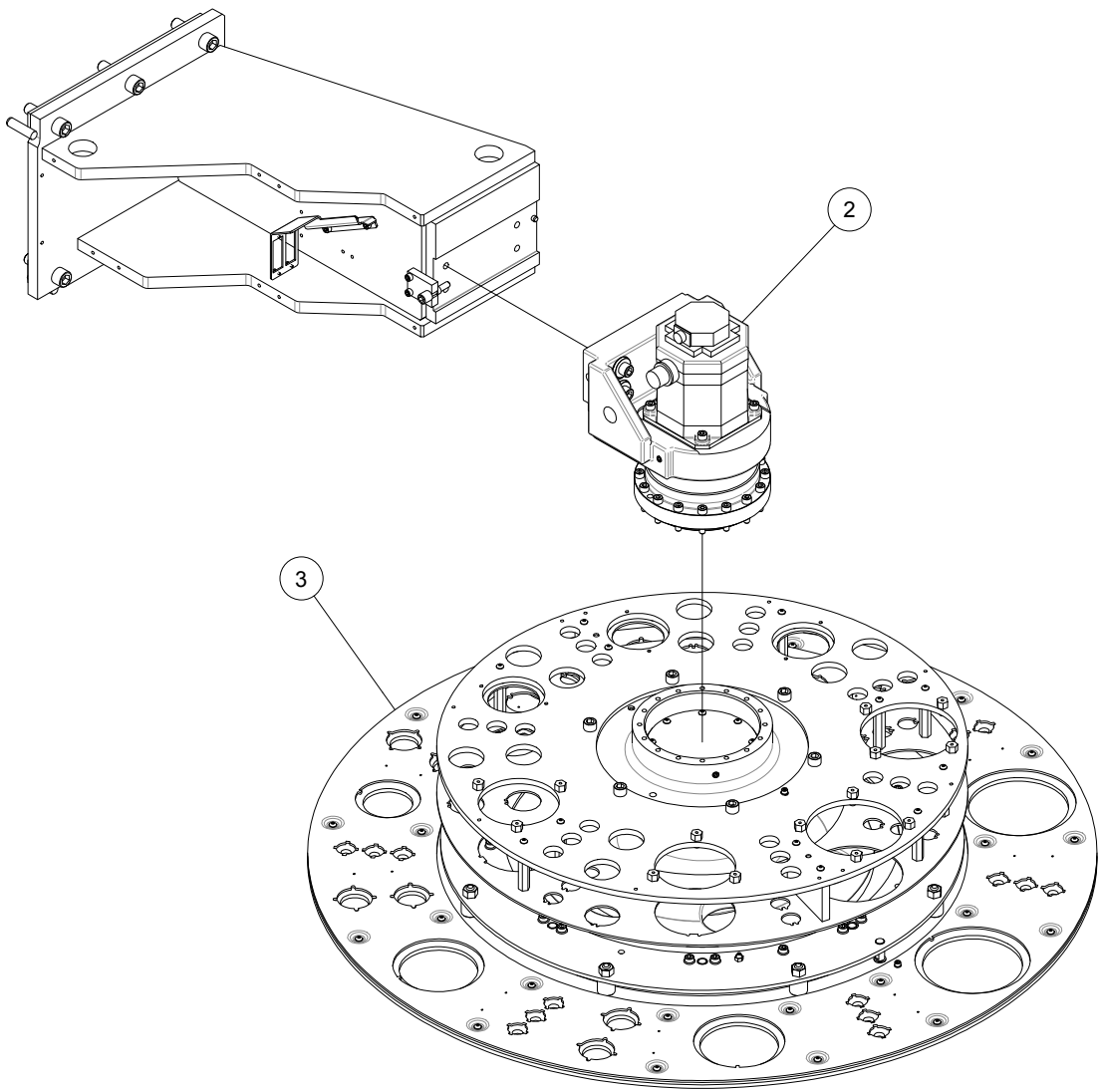
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Jumper Connector ASSY		1
	MA01930---		Index 23	
2	74900163	Jumper Connector CN4C14		1
	MA01931---			
3	74900164	Jumper Connector CND-1		1
	MA01932---			

< List Only >

MA08116---

Unit No. 346 TSU Module BF <Buffer Template 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08116---	Buffer Template 33ST	Index 2-5	1
2	MA08117---	Buffer Shaft 33ST		1
3	MA01251--B	Origin Kit		1
4	MA08044---	Name Plate Layou 33ST		1
5	MA01977---	Buffer Servo Motor ASSY		1

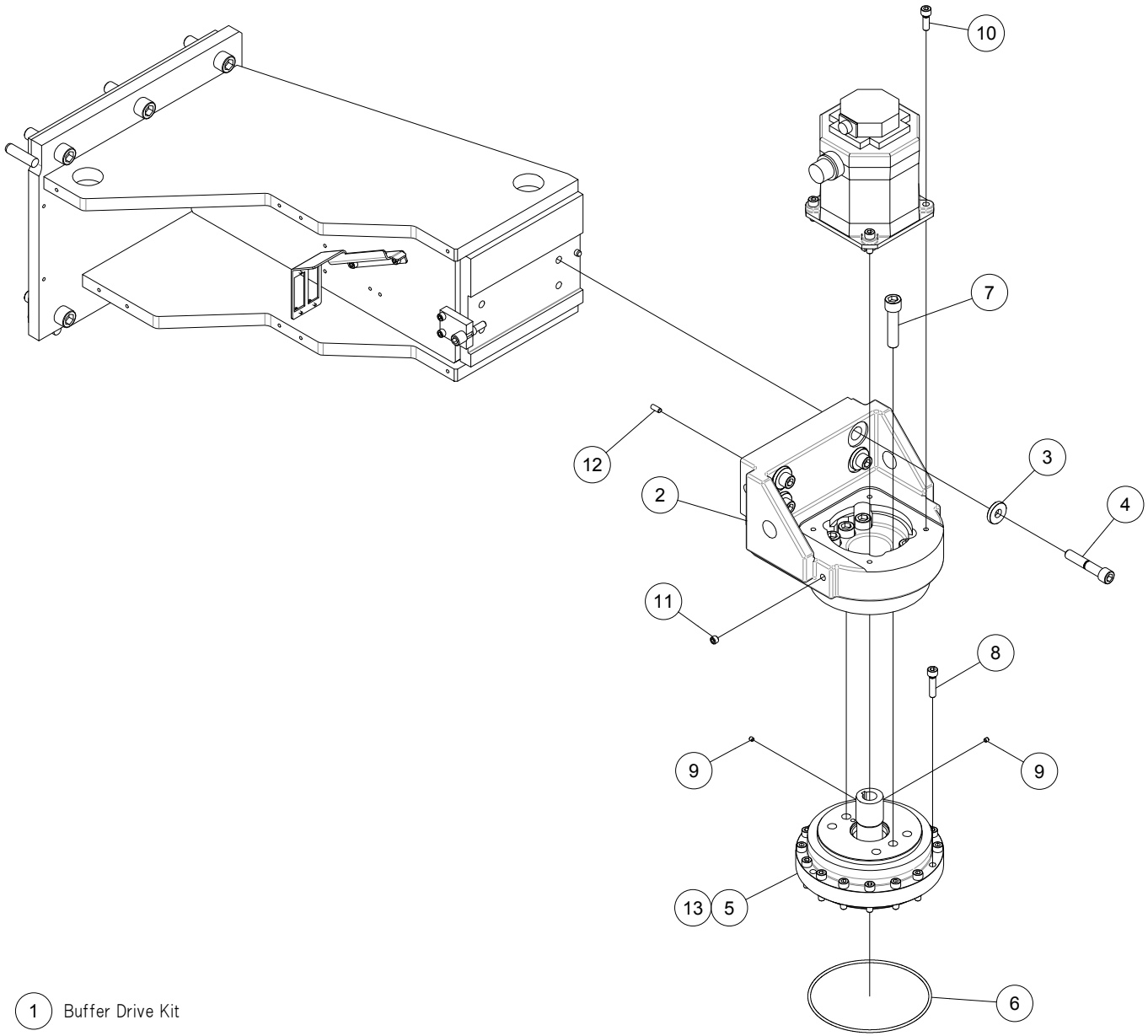


(1) Buffer Shaft 33ST

MA08117---
(MA04391#1A)

Unit No. 347 TSU Module BF <Buffer Shaft 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08117---	Buffer Shaft 33ST	Index 23	1
2	MA01228--B	Buffer Drive Kit		1
3	MA08118---	Template 33ST Kit		1



(1) Buffer Drive Kit

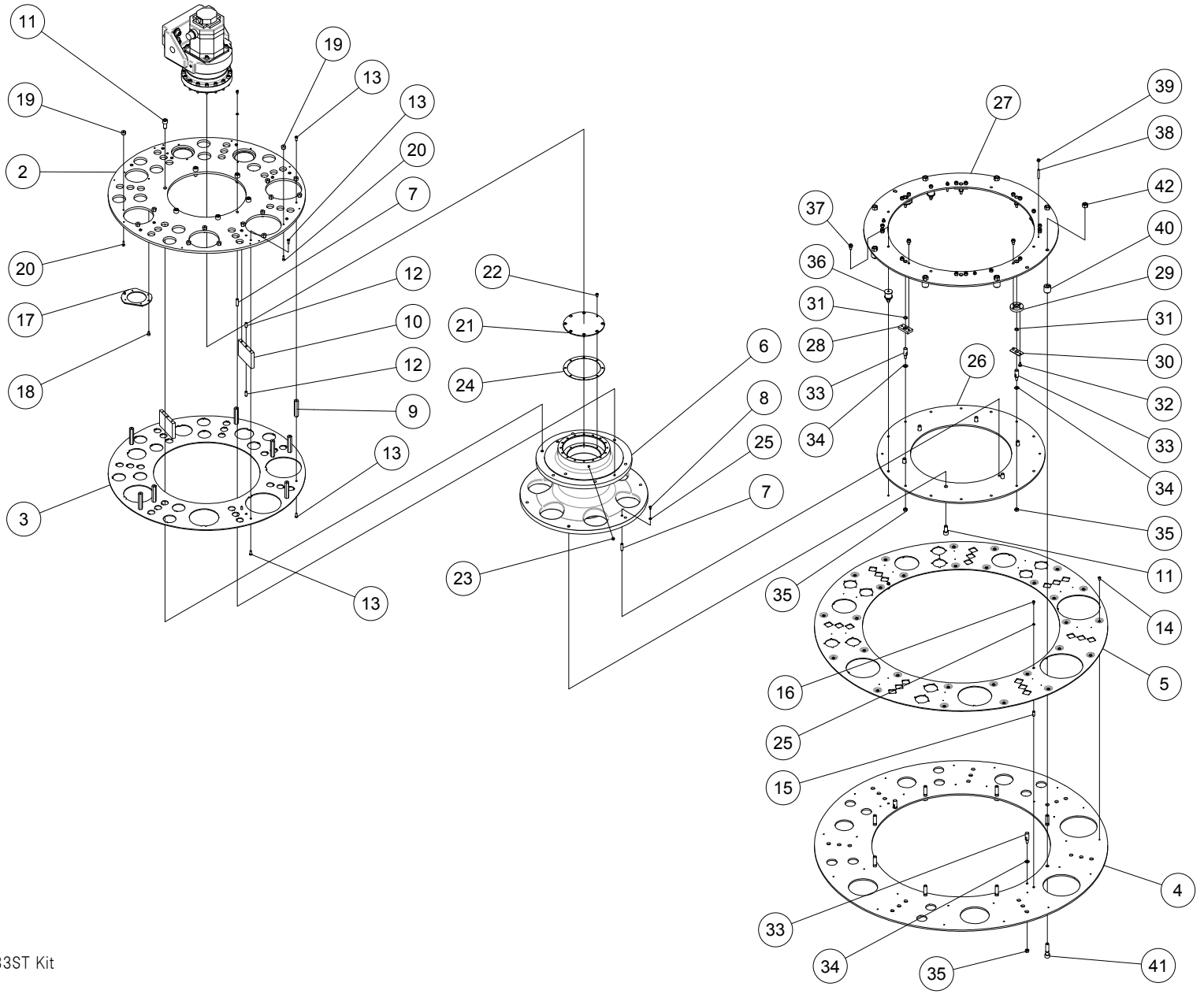
MA01228--B

Unit No. 348 TSU Module BF <Buffer Drive Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01228--B	Buffer Drive Kit	Index 2-13	1
2	74900086 MA01223--A	Buffer Housing		1
3	74900538 P336238122	Washer MISUMI	WSSB30-12-5	4
4	74183660 P330250012	Hex Socket Cap Screw	M12X65	4
5	74900026 7831377---	Gear Reducer	RV-40E-57	1
6	74900604 P590038044	O Ring MITSUBISHI	AS568A-258-1A	1
7	74900533 P330260010	Hex Socket Cap Screw JIS	M14X60	6
8	74183625 P330230009	Hex Socket Cap Screw	M8X35	16
9	74776784 P330550015	Socket Set Screw JIS	M5X5(Flat Type)	2
10	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
11	74900585 P557033006	Silencer TAIYO LTD.	PSA101	1
12	74387845 P337020270	Parallel Pin JIS	A-6X15	1

Unit No. 348 TSU Module BF <Buffer Drive Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13		Grease	250g	2
	P238048002	Nabtesco	for S-axis Transmission	



(1) Template 33ST Kit

MA08118---
(MA04410#1A)

Unit No. 349 TSU Module BF <Template 33ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08118---	Template 33ST Kit	Index 2-42	1
2	74402772 MA07951---	P Plate Buffer 33ST		1
3	74402773 MA07952---	P Template 33St		1
4	74402774 MA07953---	D Plate Buffer 33ST		1
5	74402775 MA07954---	D Template Buffer 33St		1
6	74900085 MA01222--A	Buffer Support		1
7	74900543 P337050009	Parallel Pin Ohkita	8X30(Inner Screw)M6	2
8	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	2
9	74900089 MA01235---	Stud A		8
10	74900090 MA01236---	Spacer		2
11	74183654 P330250004	Hex Socket Cap Screw	M12X25	12
12	74534421 P337020045	Parallel Pin JIS	A-8X20	4

Unit No. 349 TSU Module BF <Template 33ST Kit>

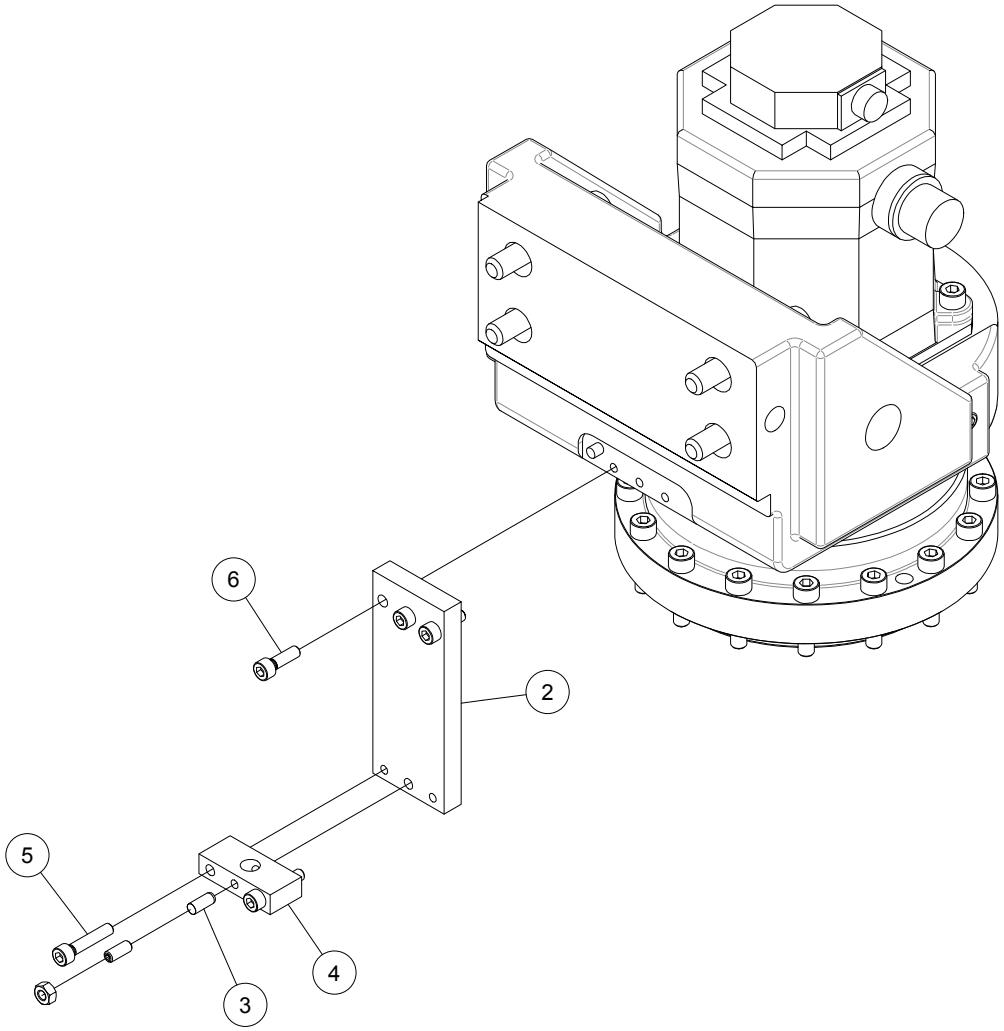
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183310 P334500015	Button Head Screw	M6X15	24
14	74183302 P334500013	Button Head Screw	M6X10	21
15	74811675 P337050039	Parallel Pin Ohkita	8X20(Inner Screw)M6	2
16	74304938 P330210002	Hex Socket Cap Screw JIS	M5X8	2
17	74900091 MA01237--A	P Spacer 2 inch		3
18	74776743 P330220003	Hex Socket Cap Screw	M6X10	6
19	74900092 MA01238---	P Spacer 10mm		14
20	74314403 P330210006	Hex Socket Cap Screw	M5X15	14
21	74900093 MA01239--A	Support Cover		1
22	74183302 P334500013	Button Head Screw	M6X10	8
23	74777005 P580208022	Plug for Piping	PT-1/8	1
24	74900087 MA01224--A	Packing		1

Unit No. 349 TSU Module BF <Template 33ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74776840 P336000080	Washer	5(Normal)	4
26	74900156 MA01916---	D Plate		1
27	74900157 MA01917--A	D Sub Plate		1
28	74900158 MA01918--A	Guide Plate 1		6
29	74900159 MA01919--A	Guide Plate 2		2
30	74900155 MA01915---	Clamp Plate		2
31	74314826 P590002012	O Ring NOK	1A-P12	8
32	74183003 P330020002	Bolt	M6X10	4
33	74900570 P446207208	Guide Bar MISUMI	SFAS13-30-F15-B8-P8-SC3	10
34	74183027 P336000006	Washer JIS	8(Normal)	10
35	74300509 P332000031	Nut JIS	M8(Type-1)	10
36	74453259 P382002087	Vibration Isolator KURASHIKI KAKO	RA-30-26H	4

Unit No. 349 TSU Module BF <Template 33ST Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	20
38	74387794 P330550107	Socket Set Screw MOURI	M6X40(Flat Point)	4
39	74776801 P332000030	Nut JIS	M6(Type-1)	4
40	74900561 P406218351	Collar MISUMI	NCLB12-25-24.5	8
41	74183659 P330250009	Hex Socket Cap Screw	M12X50	8
42	74381588 P332000033	Nut JIS	M12(Type-1)	8

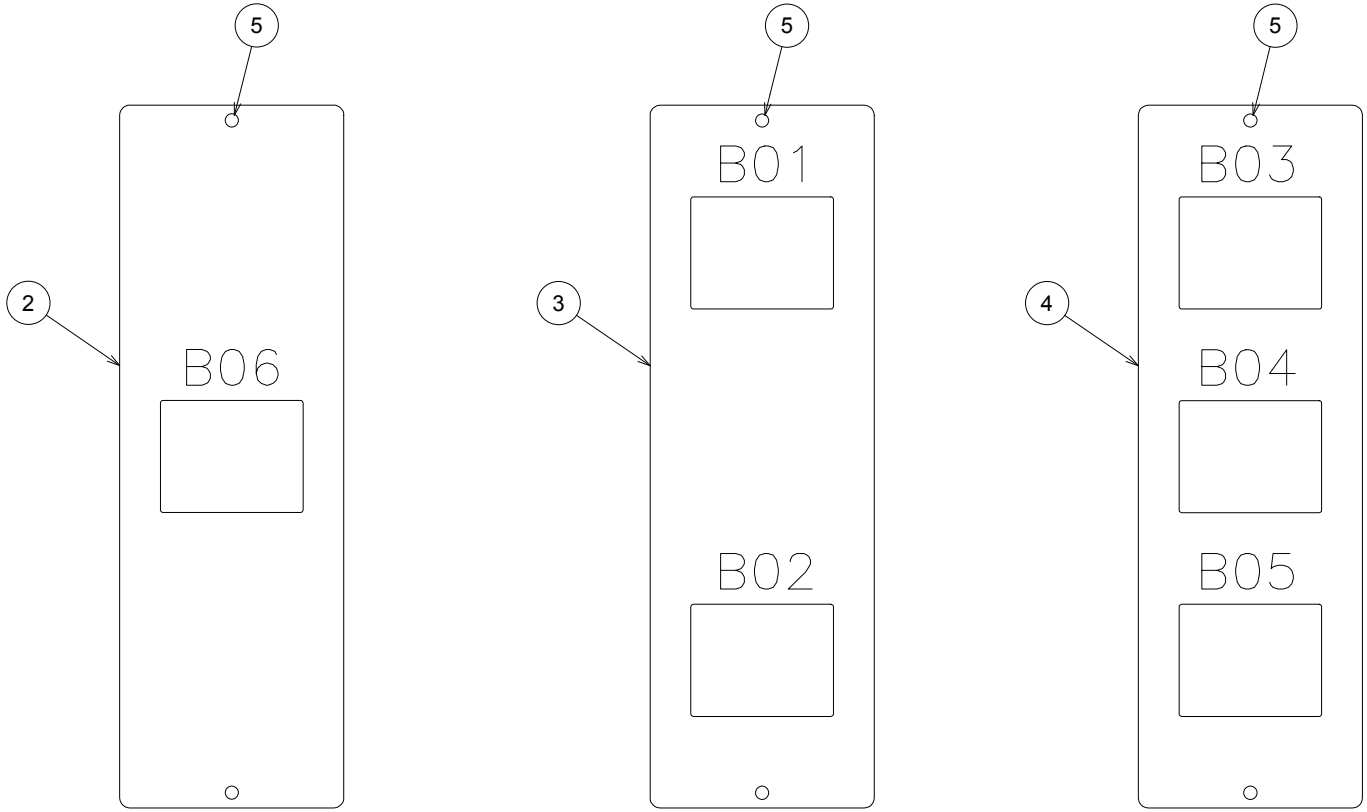


(1) Origin Kit

MA01251--B

Unit No. 350 TSU Module BF <Origin Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01251--B	Origin Kit	Index 2-8	1
2	74900097 MA01252--A	Origin Block U		1
3	74387845 P337020270	Parallel Pin JIS	A-6X15	1
4	74900098 MA01253--B	Origin Block L		1
5	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
6	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	3
7	74183126 P330550029	Socket Set Screw MOURI	M6X15(Flat Type)	1
8	74776795 P332000004	Nut JIS	M6	1

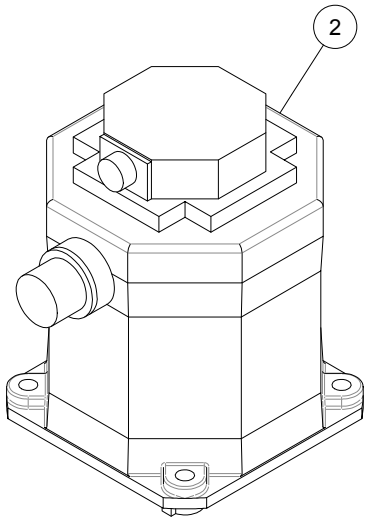


(1) Name Plate Layou 33ST

MA08044---

Unit No. 351 TSU Module BF <Name Plate Layout 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08044---	Name Plate Layou 33ST	Index 2-5	1
2	74402776 / MA07957---	Name Plate D1		1
3	74402777 / MA07958---	Name Plate D2		1
4	74402778 / MA07959---	Name Plate D3		1
5	74387910 / P339208005	Blind Rivet / LOBTEX	NTA3-3	38

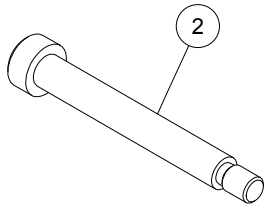


(1) Buffer Servo Motor ASSY

MA01977---
(MA05097)

Unit No. 352 TSU Module BF <Buffer Servo Motor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Buffer Servo Motor ASSY		1
	MA01977---		Index 2	
2	74900608	Servo Motor	A06B-0075-B203	1
	P714018240	FANUC	S-axis	

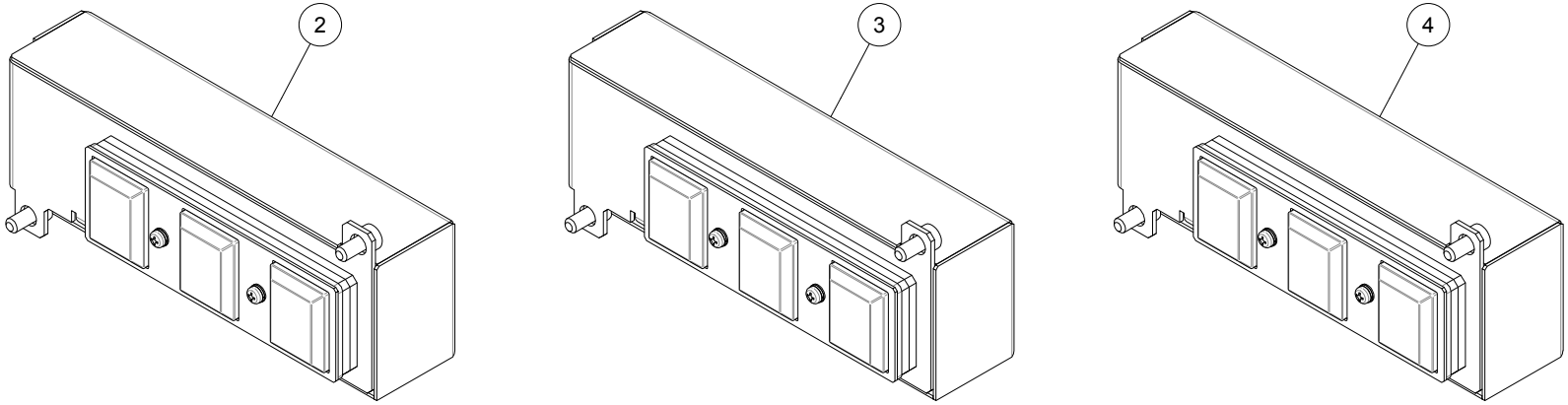


(1) Origin Adjusting Kit

MA01213---

Unit No. 353 TSU Module BF <Origin Adjusting Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01213---	Origin Adjusting Kit	Index 2	1
2	74387615 / P338134043	Shoulder Screw / MISUMI	MSB10-70	1

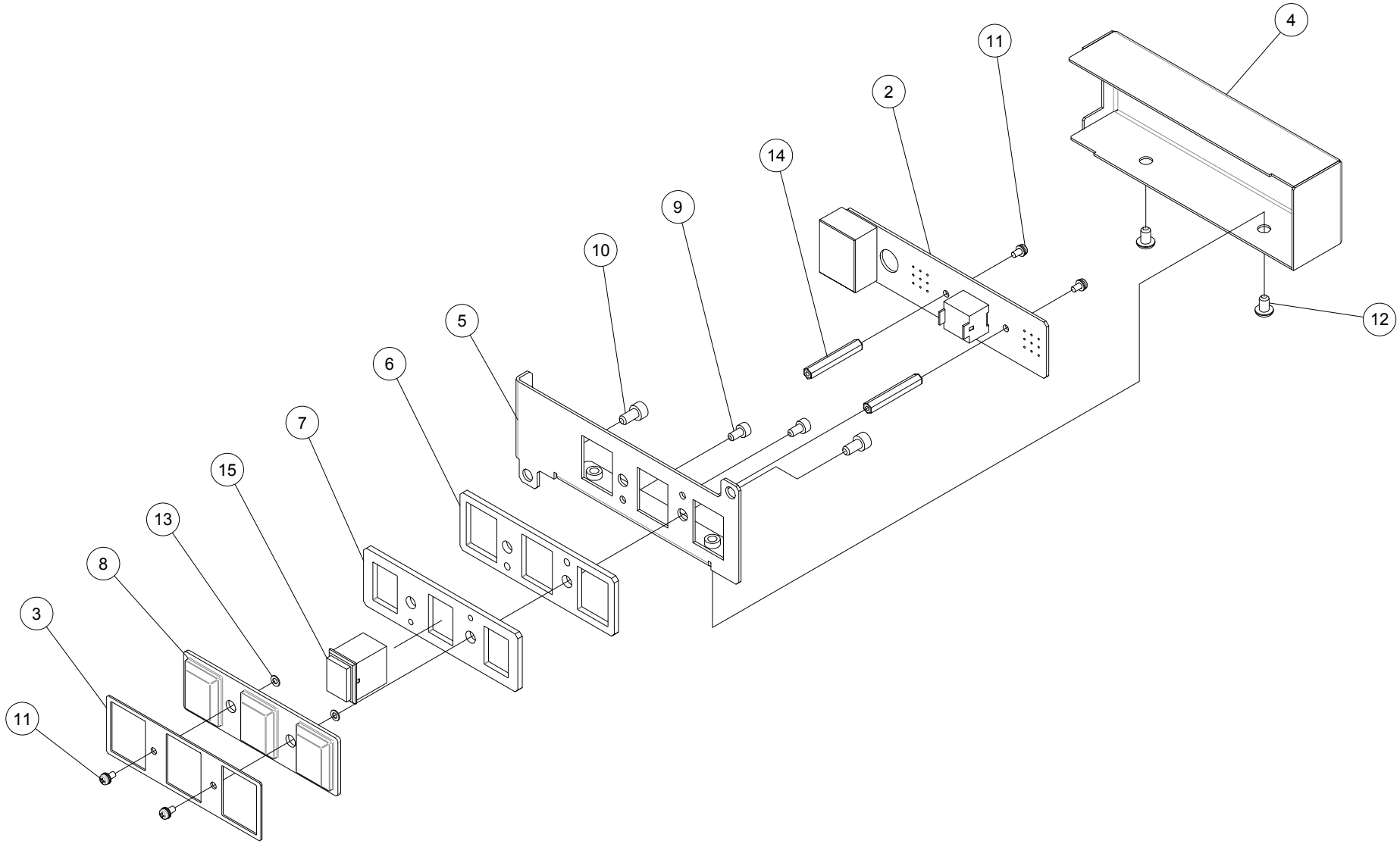


(1) Switch ASSY 33ST

MA08124---

Unit No. 354 TSU Module BF <Switch ASSY 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08124---	Switch ASSY 33ST	Index 2-4	1
2	MA08121---	Switch 1 ASSY		7
3	MA08122---	Switch 2 ASSY		5
4	MA08120---	Switch 3 ASSY		7



(1) Switch 1 ASSY

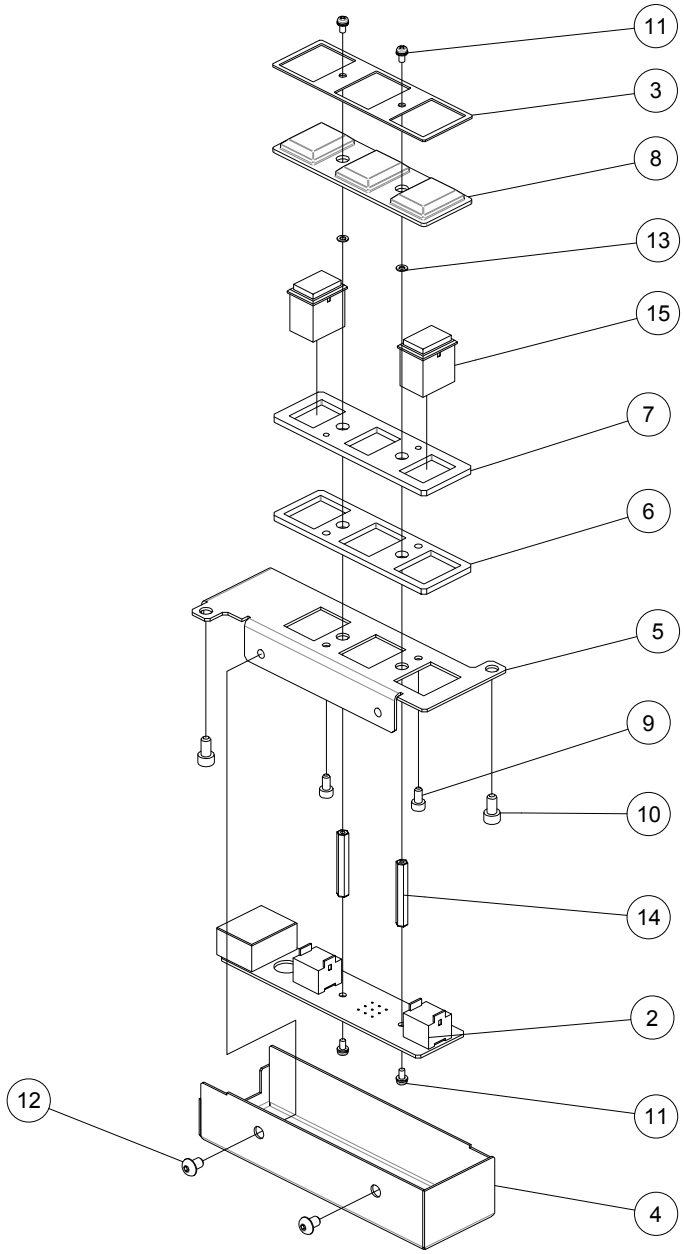
MA08121---

Unit No. 355 TSU Module BF <Switch 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08121---	Switch 1 ASSY	Index 2-15	5
2	74402707 7833096---	Board BFSW1		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 355 TSU Module BF <Switch 1 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	1



(1) Switch 2 ASSY

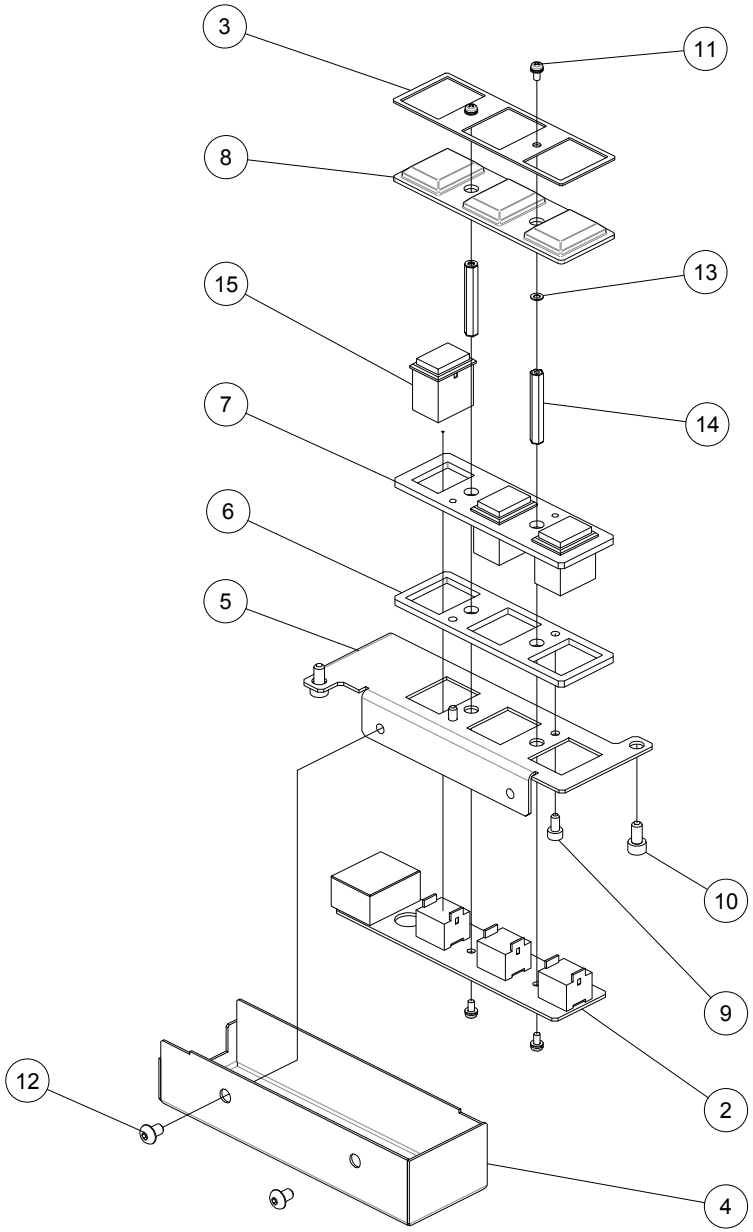
MA08122---

Unit No. 356 TSU Module BF <Switch 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08122---	Switch 2 ASSY	Index 2-15	9
2	74402717 7833095---	Board BFSW2		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 356 TSU Module BF <Switch 2 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	2



(1) Switch 3 ASSY

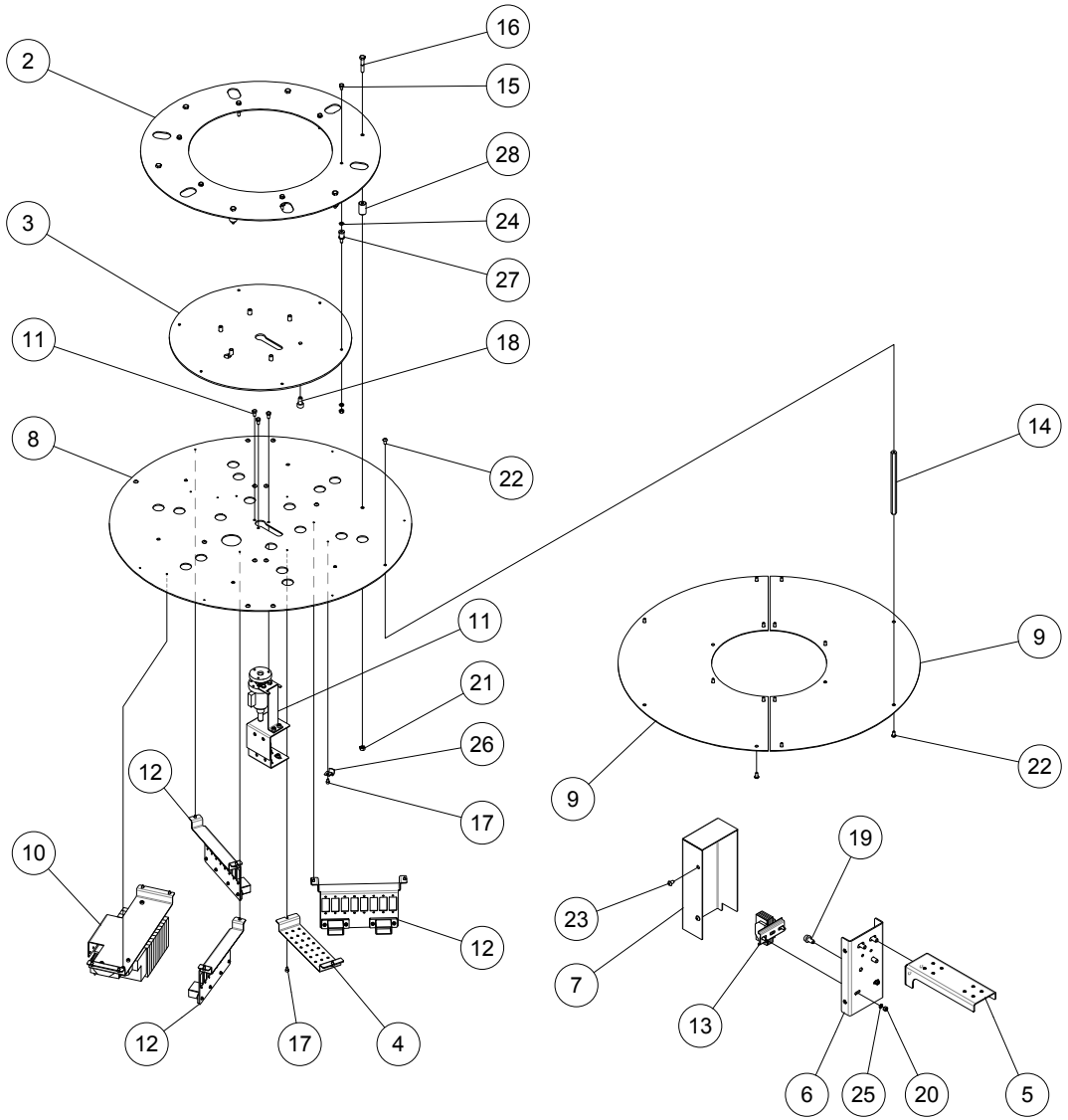
MA08120---

Unit No. 357 TSU Module BF <Switch 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08120---	Switch 3 ASSY	Index 2-15	8
2	74402718 7833094---	Board BFSW3		1
3	74402708 MA06463---	Cover Holder		1
4	74402709 MA06464---	Switch Cover		1
5	74402710 MA06467---	Switch Base		1
6	74402711 MA06468---	Switch Plate L		1
7	74402712 MA06469---	Switch Plate U		1
8	74402713 MA07887---	Soft Cover		1
9	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	4
12	74163306 P334500008	Button Head Screw JIS	M5X8	2

Unit No. 357 TSU Module BF <Switch 3 ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402714 P336238890	Washer HIROSUGI	BW-0306-05	2
14	74402715 P631408223	Strut Parts HIROSUGI	ASB-337E	2
15	74402716 P822148005	Illuminated Pushbutton Switch SUNMULON	EHM-3W39014CK4P6001	3



(1) Base ASSY

MA08125---

Unit No. 358 TSU Module BF <Base ASSY>

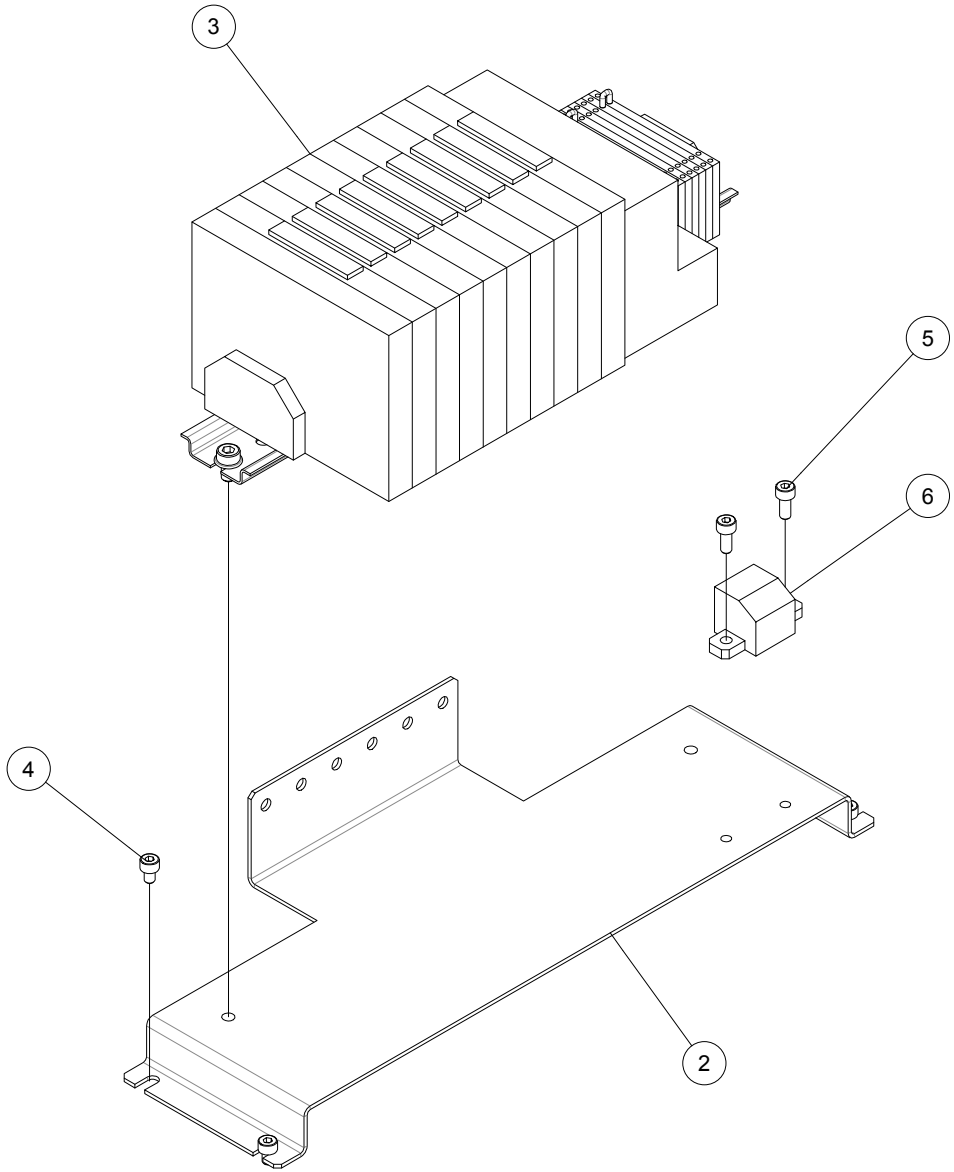
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08125---	Base ASSY	Index 2-28	1
2	74402719 / MA06430---	Base Sub Plate		1
3	74402720 / MA06991---	Base Plate		1
4	74402721 / MA06994---	Cable Clamp Base		1
5	74402722 / MA07003---	Base Bracket C		1
6	74402723 / MA07883---	Base Bracket D		1
7	74402724 / MA07884---	Base Bracket Cover		1
8	74402725 / MA07880---	Equipment Layout Base		1
9	74402726 / MA07882---	Cover Plate		2
10	MA08126---	Terminal Block ASSY		1
11	MA08128---	Slip Ring Kit		1
12	MA08129---	Connector Kit 2		3

Unit No. 358 TSU Module BF <Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	MA08131---	Terminal Block Kit		1
14	74402727 P022008026	Round Steel Bar MISUMI	RDRC10-155-WMC5	12
15	74413112 P330010001	Bolt JIS	M5X8	6
16	74314514 P330020010	Bolt	M6X35	6
17	74383398 P330200013	Hex Socket Cap Screw	M4X6	3
18	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
19	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
20	74402728 P332000029	Nut JIS	M5	2
21	74776801 P332000030	Nut JIS	M6(Type-1)	6
22	74183301 P334500009	Button Head Screw	M5X10	24
23	74183302 P334500013	Button Head Screw	M6X10	2
24	74776840 P336000080	Washer	5(Normal)	6

Unit No. 358 TSU Module BF <Base ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74300516 / P336050004	Spring Washer / JIS	5	2
26	74543619 / P381017027	Saddle for Conduit / DAIWA DENGYO	PZ0110	1
27	74402729 / P382002105	Vibration Isolator / KURASHIKI KAKO	RA-12	6
28	74402730 / P406218347	Collar / MISUMI	KNCLB6-15-25	6

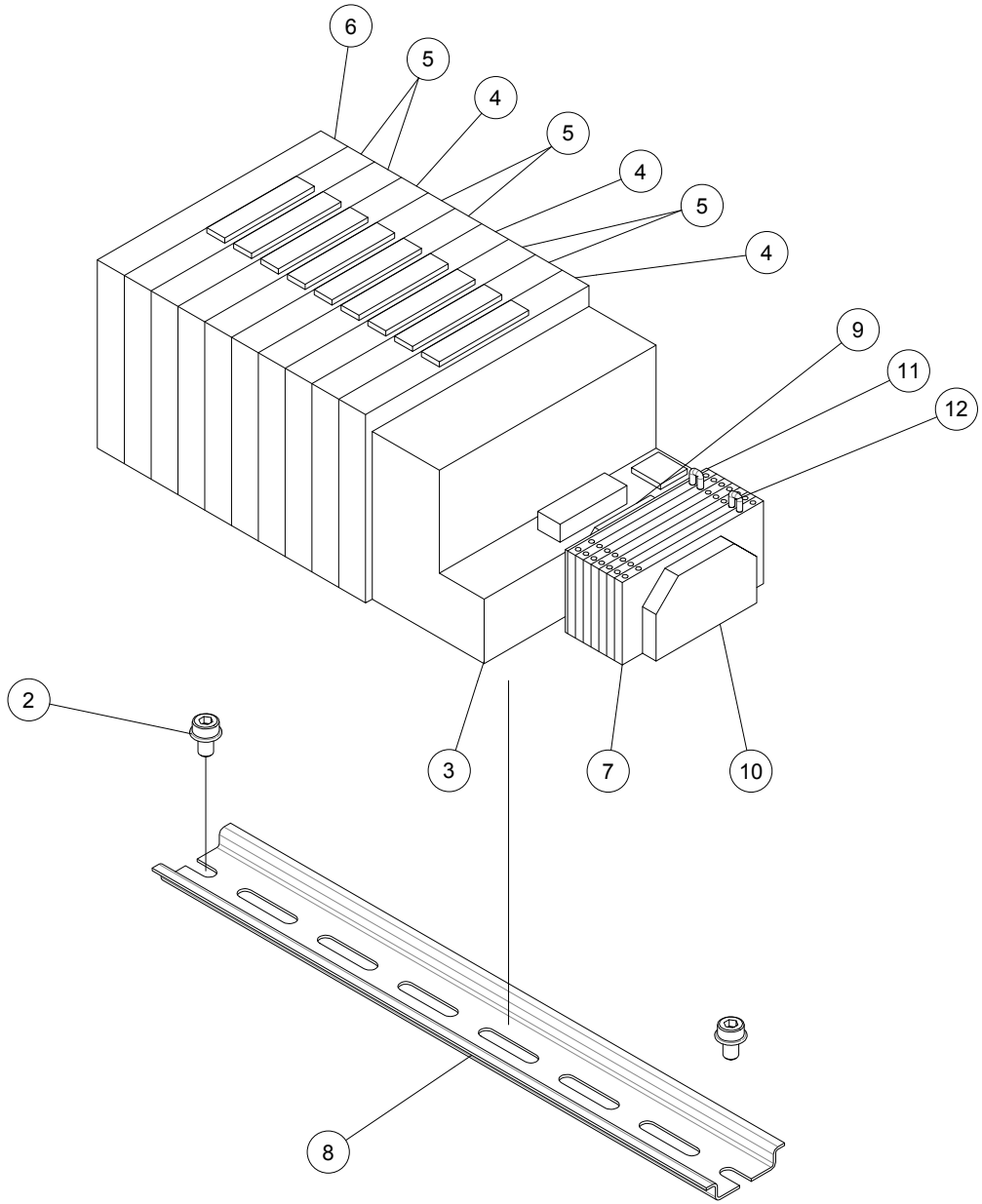


(1) Terminal Block ASSY

MA08126---

Unit No. 359 TSU Module BF <Terminal Block ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08126---	Terminal Block ASSY	Index 2-6	1
2	74402731 MA06995---	Base Bracket		1
3	MA08127---	I.O Connector ASSY		1
4	74383398 P330200013	Hex Socket Cap Screw	M4X6	4
5	74314401 P330200015	Hex Socket Cap Screw	M4X10	2
6	74903368 P767482031	Accessory (Program Controller) OMRON	DRS1-T	1



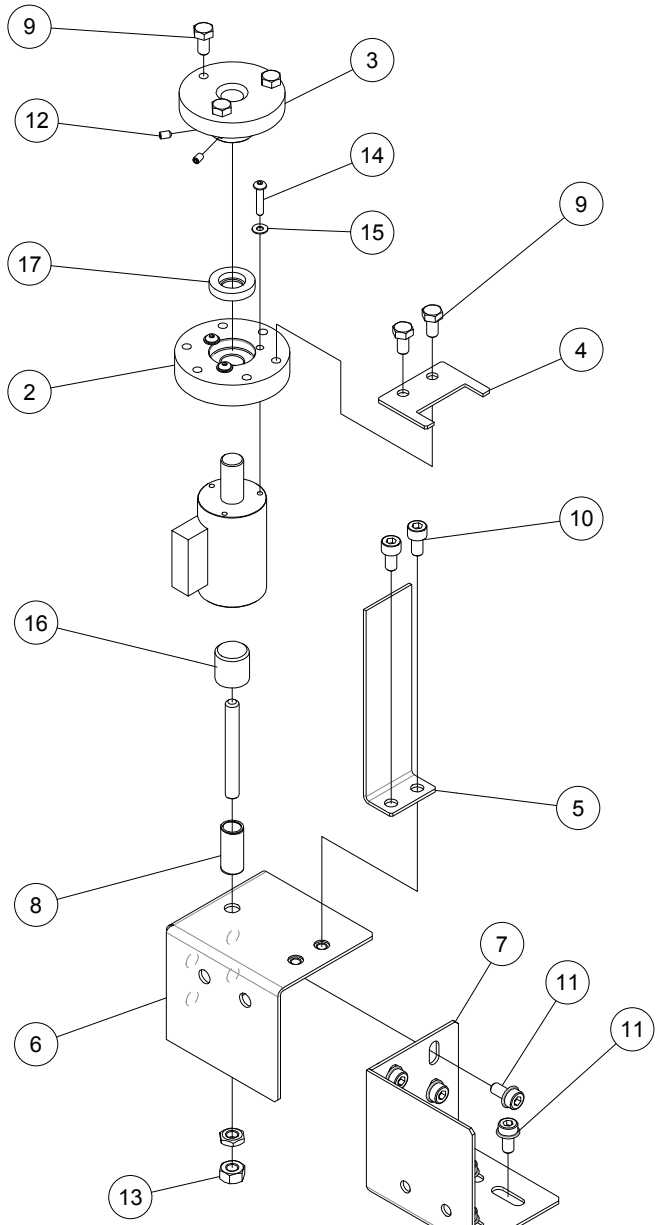
(1) I.O Connector ASSY

MA08127---

Unit No. 360 TSU Module BF <I.O Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		I.O Connector ASSY		1
	MA08127---		Index 2-12	
2	74776778	Flange Socket Bolt	M5X8	2
	P330468030	NISSAN NEJI		
3	74402732	Program Controller Module	750-346	1
	P767478171	WAGO		
4	74402733	Program Controller Module	750-1400	3
	P767478172	WAGO		
5	74402734	Program Controller Module	750-1500	6
	P767478173	WAGO		
6	74402735	Program Controller Module	750-600	1
	P767478174	WAGO		
7	74900876	Block Terminal	PIT1.5/S-QUATTRO	7
	P864008527	PHOENIX		
8	74402736	Terminal Base	210-112-248A	1
	P864038211	WAGO		
9	74614168	Terminal Parts	249-116	2
	P864058065	WAGO		
10	74900882	Terminal Parts	CLIPFIX35-5	1
	P864058222	PHOENIX		
11	74900884	Terminal Parts	D-PIT1.5/S-QUATTRO	1
	P864058224	PHOENIX		
12	74900887	Pin Header	FBS2-3.5	2
	P870018021	PHOENIX		

Unit No. 361 TSU Module BF <Slip Ring Kit>



(1) Slip Ring Kit

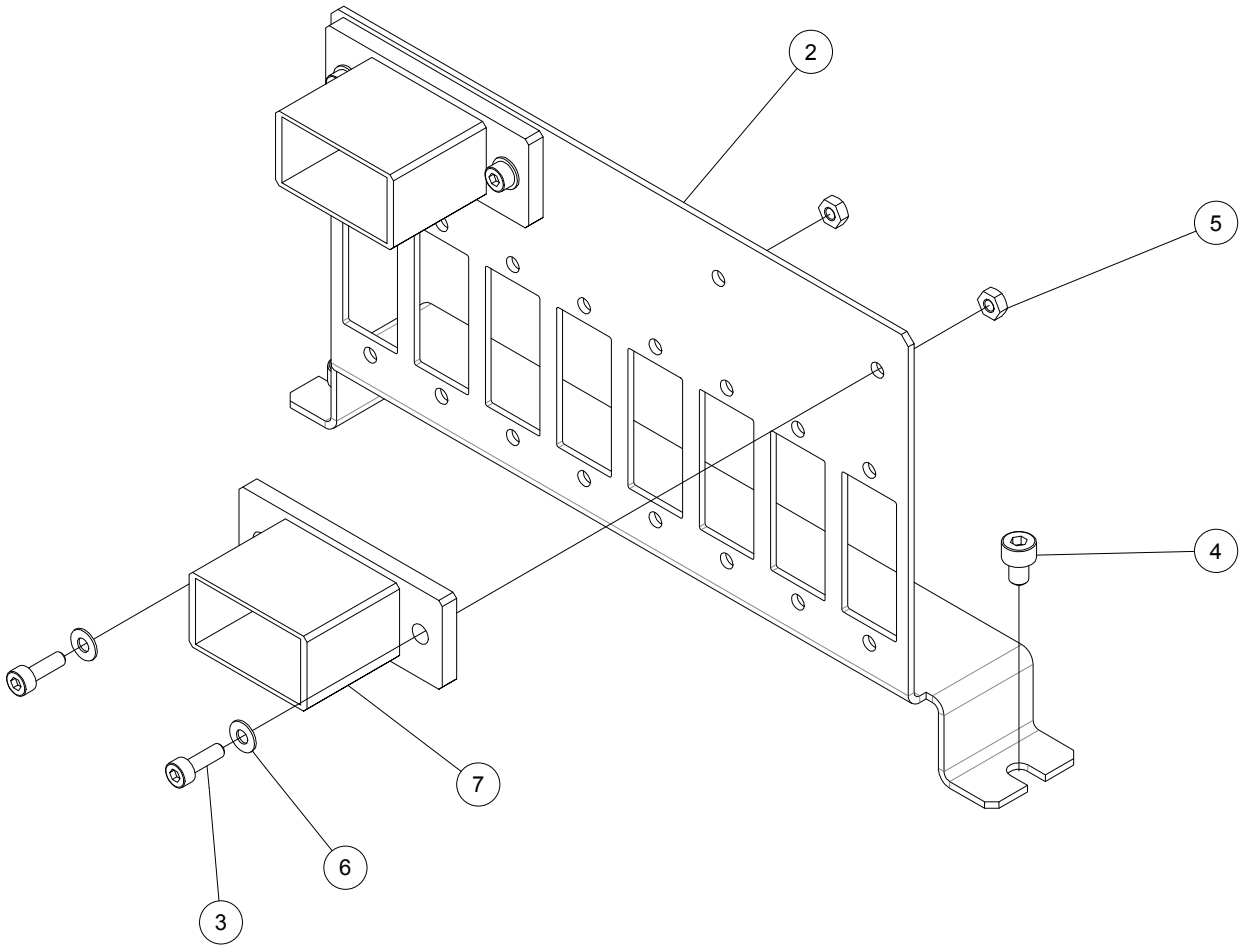
MA08128---

Unit No. 361 TSU Module BF <Slip Ring Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08128---	Slip Ring Kit	Index 2-17	1
2	74402737 MA06433---	Seal Base		1
3	74402738 MA06998---	Support Base		1
4	74402739 MA06999---	Support Plate		1
5	74402740 MA07000---	Stop Plate		1
6	74402741 MA07001---	Base Bracket A		1
7	74402742 MA07885---	Base Bracket B		1
8	74402743 P320065120	Coil Spring MISUMI	WL10-25	1
9	74413111 P330010002	Bolt	M5X10	5
10	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
11	74560004 P330460006	Flange Socket Bolt NISSAN NEJI	M5X10	8
12	79321634 P330590002	Socket Set Screw JIS	M3X5(Cup Point)	2

Unit No. 361 TSU Module BF <Slip Ring Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776795 P332000004	Nut JIS	M6	1
14	74402744 P334500074	Button Head Screw	M3X15	3
15	74570262 P336000086	Washer JIS	3(Normal)	3
16	74402745 P338098103	Stopper Bolt MISUMI	UNBH6-40	1
17	74402746 P590122066	Oil Seal NOK	VC01002004	1

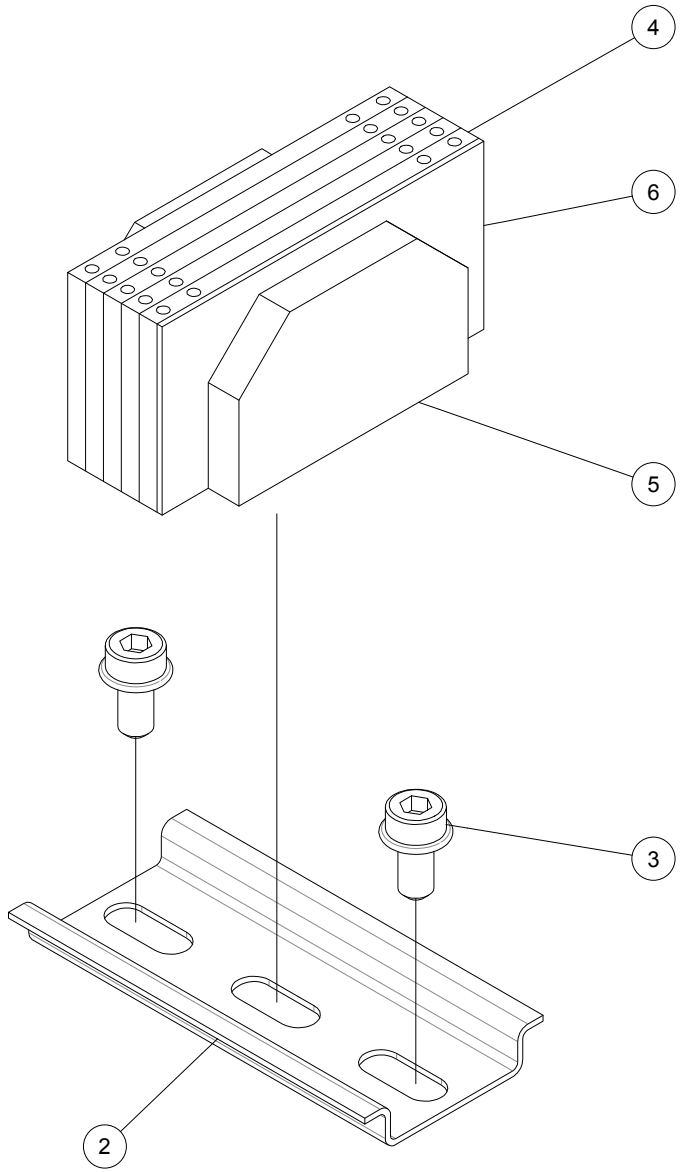


(1) Connector Kit 2

MA08129---

Unit No. 362 TSU Module BF <Connector Kit 2>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08129---	Connector Kit 2	Index 2-7	3
2	74402747 MA07881---	Connector Bracket		1
3	74413038 P330200003	Hex Socket Cap Screw	M3X10	4
4	74383398 P330200013	Hex Socket Cap Screw	M4X6	2
5	74402748 P332000027	Nut JIS	M3(Type-1)	4
6	74570262 P336000086	Washer JIS	3(Normal)	4
7	74402749 P862048247	Rectangle Connector JST	P12B-F35DK-GFAR	2



(1) Terminal Block Kit

MA08131---

Unit No. 363 TSU Module BF <Terminal Block Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Terminal Block Kit		1
	MA08131---		Index 2-6	
2	74402750	DIN Rail	NS35/7.5(L=70)	1
	MA07006---			
3	74560004	Flange Socket Bolt	M5X10	2
	P330460006	NISSAN NEJI		
4	74900876	Block Terminal	PIT1.5/S-QUATTRO	5
	P864008527	PHOENIX		
5	74900882	Terminal Parts	CLIPFIX35-5	2
	P864058222	PHOENIX		
6	74900884	Terminal Parts	D-PIT1.5/S-QUATTRO	1
	P864058224	PHOENIX		

< List Only >

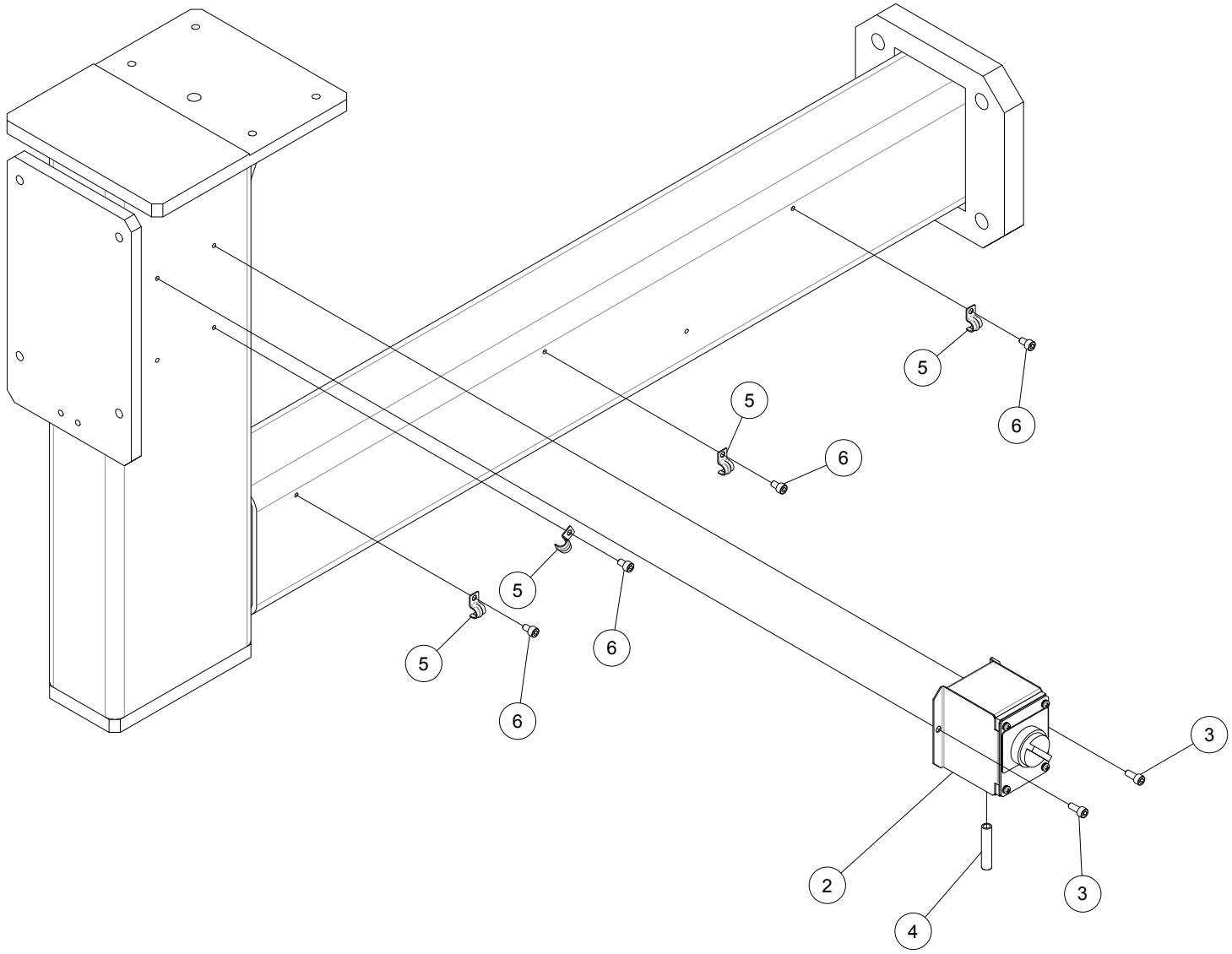
MA08049---

Unit No. 364 TSU Module BF <Buffer LED Cable ASSY 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08049---	Buffer LED Cable ASSY 33ST	Index 2-21	1
2	74402779 / MA07631---	Cable SWCR1		1
3	74402780 / MA07632---	Cable SWCR2		1
4	74402781 / MA07633---	Cable SWCR3		1
5	74402754 / MA07621---	Cable SWC1		7
6	74402755 / MA07622---	Cable SWC2		5
7	74402756 / MA07623---	Cable SWC3		7
8	74402757 / MA07016---	Cable (V+)		3
9	74402758 / MA07017---	Cable (V-)		3
10	74402759 / MA07013---	Cable DRAIN		1
11	74402760 / MA07014---	Cable CANL		1
12	74402761 / MA07015---	Cable CANH		1

Unit No. 364 TSU Module BF <Buffer LED Cable ASSY 33ST>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402762 MA07625---	Cable (V+-)		3
14	74402763 MA07624---	Cable (V+-) 2		3
15	74402764 MA06475---	Cable CANL 2		1
16	74402765 MA06476---	Cable CANH 2		1
17	74402766 MA07626---	Cable (V+) 2		1
18	74402767 MA07627---	Cable (V-) 2		1
19	74402768 MA07628---	Cable SLRG		1
20	74413038 P330200003	Hex Socket Cap Screw	M3X10	38
21	74183201 P332000001	Nut JIS	M3	38

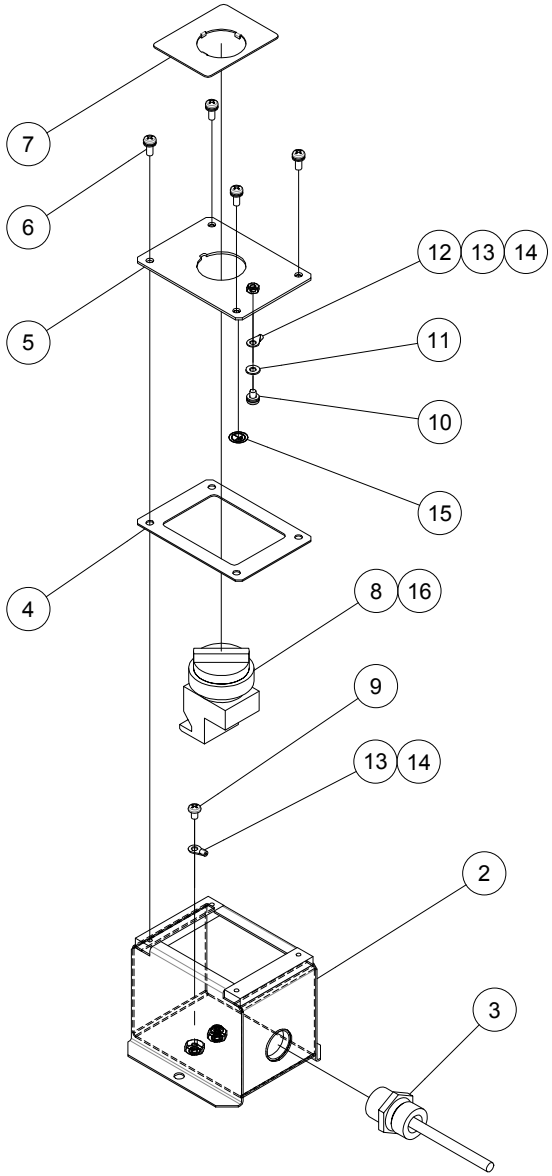


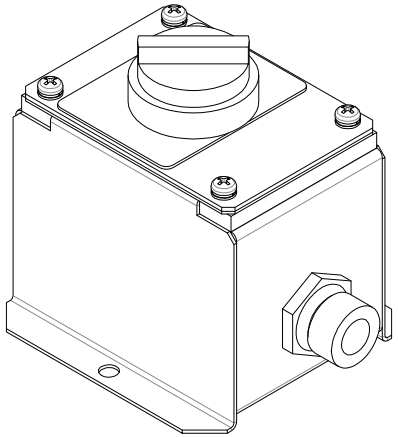
(1) TSU Maintenance SW Installation DOM

MA04400---

Unit No. 365 TSU Module BF <TSU Maintenance SW Installation DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04400---	TSU Maintenance SW Installation DOM	Index 2-6	1
2	MA04401---	TSU Maintenance SW ASSY DOM		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
4	74900616 P869028218	Flexible Conduit MISUMI	CTUB7-3.3M	1
5	74732027 P381017068	Saddle for Conduit DAIWA DENGYO	PZ0110(D6.2)	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4





1 TSU Maintenance SW ASSY DOM

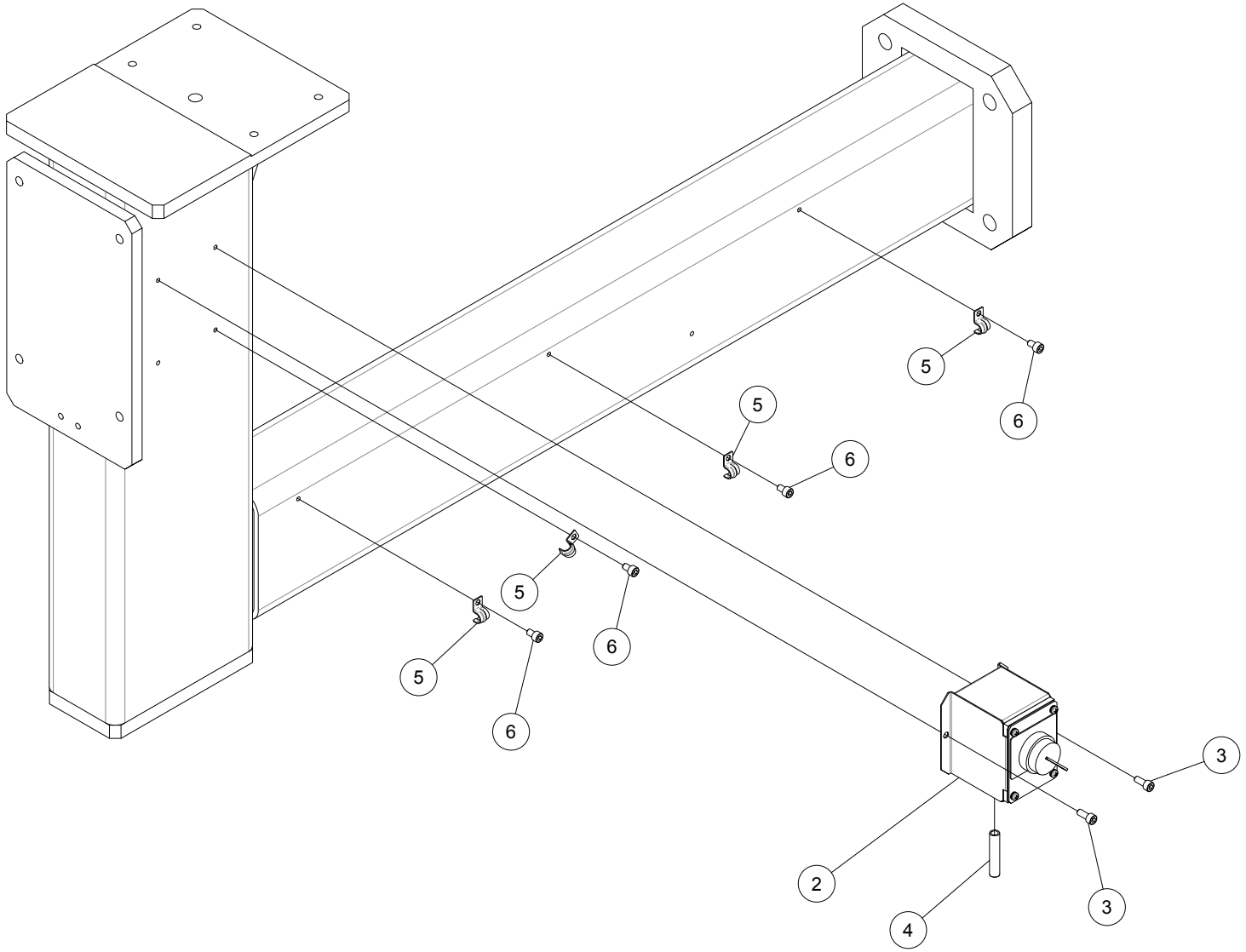
MA04401---

Unit No. 366 TSU Module BF <TSU Maintenance SW ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04401---	TSU Maintenance SW ASSY DOM	Index 2-16	1
2	74900137 MA01886---	Switch Box		1
3	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
4	74417443 6875757	Packing 2		1
5	74900133 MA01882---	Cap		1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74900190 MA04402---	Name Plate Changer Maintenance DOM		1
8	74387233 P820004070	Key Select Switch FUJI Electric	AR30PR-201B	1
9	74183225 P334100016	Pan Head Screw JIS	M4X6	2
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	1
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74900554 P342200874	Vinyl Cord P.V.C	KIV0.75X250(Y/G)	1

Unit No. 366 TSU Module BF <TSU Maintenance SW ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74489972 P869220210	Marker Tube	1.25	2
15	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
16	74900191 MA04403---	Cable CN3C12	(SA121)	1

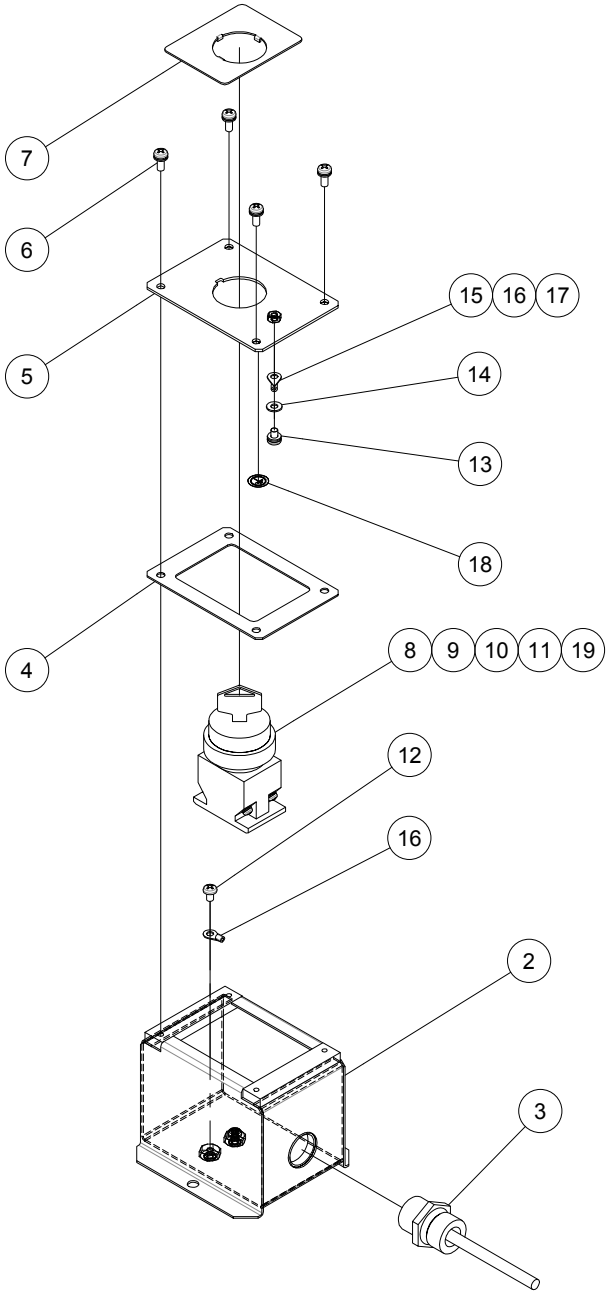


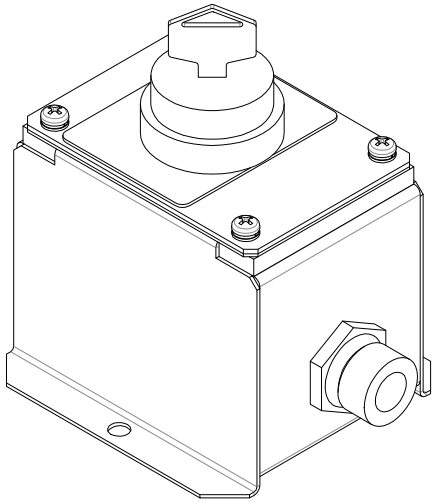
(1) TSU Maintenance SW Installation

MA01880---

Unit No. 367 TSU Module BF <TSU Maintenance SW Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01880---	TSU Maintenance SW Installation	Index 2-6	1
2	MA01881---	TSU Maintenance SW ASSY		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
4	74900616 P869028218	Flexible Conduit MISUMI	CTUB7-3.3M	1
5	74732027 P381017068	Saddle for Conduit DAIWA DENGYO	PZ0110(D6.2)	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4





1 TSU Maintenance SW ASSY

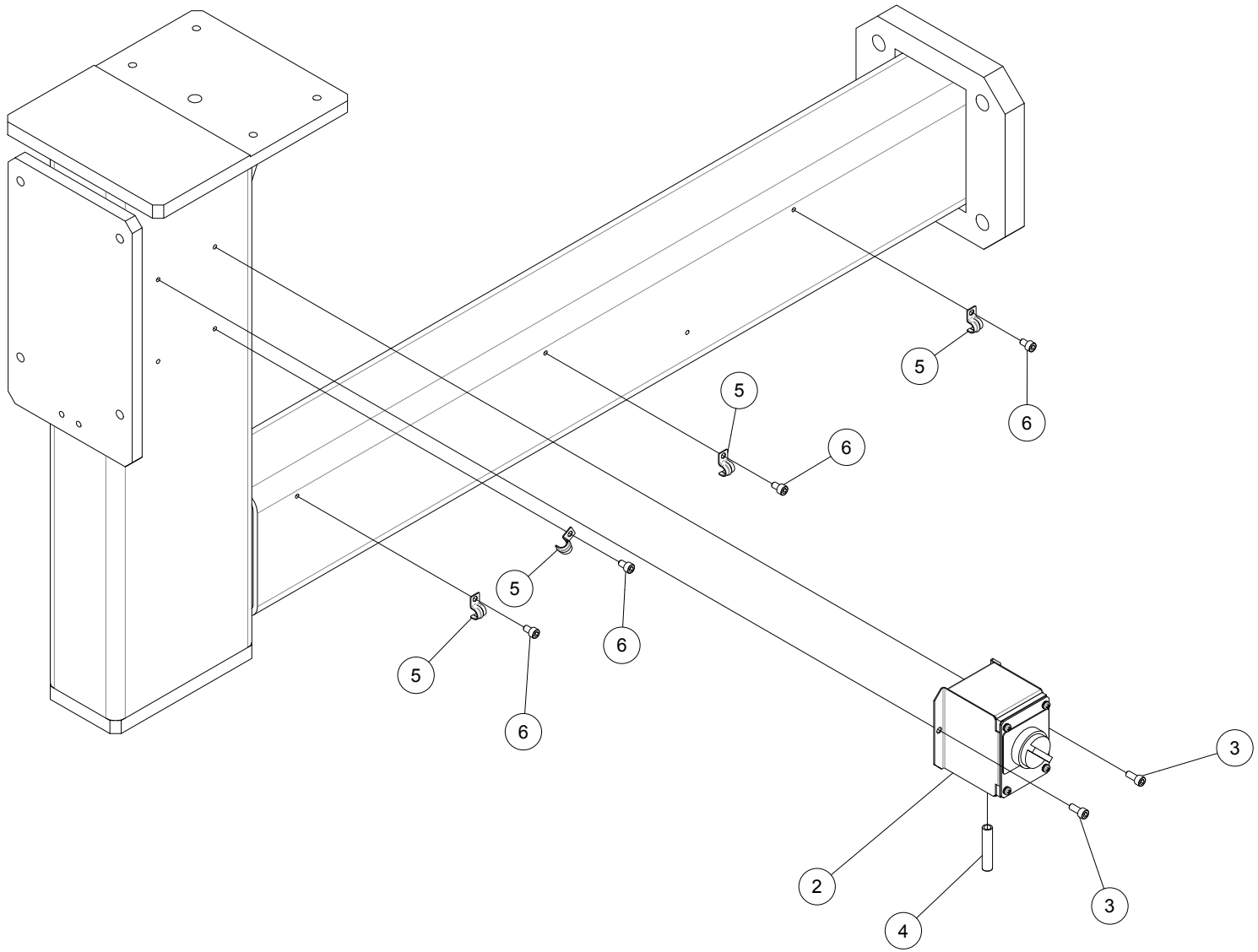
MA01881---

Unit No. 368 TSU Module BF <TSU Maintenance SW ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA01881---	TSU Maintenance SW ASSY	Index 2-19	1
2	74900137 MA01886---	Switch Box		1
3	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
4	74417443 6875757	Packing 2		1
5	74900133 MA01882---	Cap		1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74900134 MA01883---	Name Plate Changer Maintenance		1
8	74900610 P820014274	Key Select Switch FUJI Electric	AR30JR-2B02A	1
9	74578883 P342200002	Vinyl Cord P.V.C	KIV0.75X80(Blue)	1
10	74489991 P869200002	Solderless Terminal	R1.25-3.5	2
11	74489972 P869220210	Marker Tube	1.25	2
12	74183225 P334100016	Pan Head Screw JIS	M4X6	2

Unit No. 368 TSU Module BF <TSU Maintenance SW ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	1
14	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
15	74900554 P342200874	Vinyl Cord P.V.C	KIV0.75X250(Y/G)	1
16	74553818 P869200003	Solderless Terminal	R1.25-4	2
17	74489972 P869220210	Marker Tube	1.25	2
18	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
19	74900135 MA01884---	Cable CN3C12	(SA121)	1

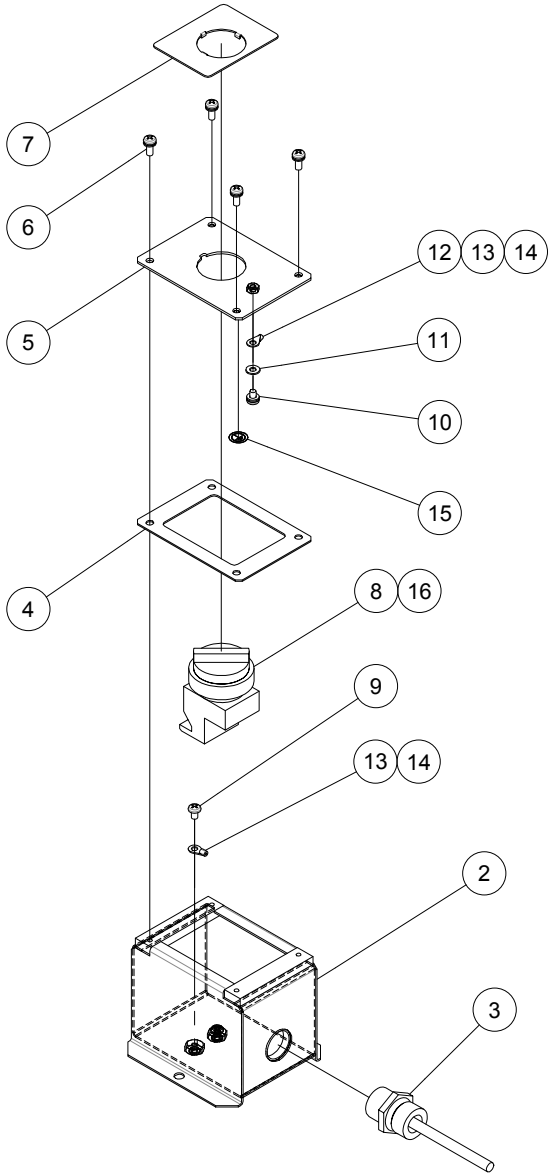


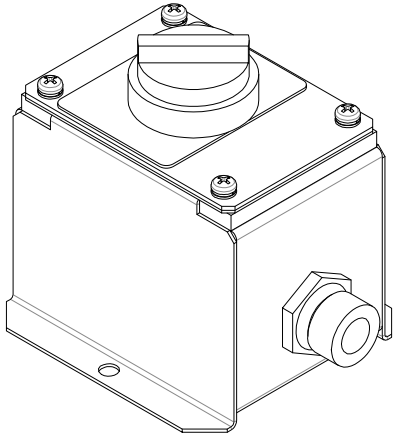
(1) TSU Maintenance SW Installation EXP

MA04855---

Unit No. 369 TSU Module BF <TSU Maintenance SW Installation EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04855---	TSU Maintenance SW Installation EXP	Index 2-6	1
2	MA04856---	TSU Maintenance SW ASSY EXP		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
4	74900616 P869028218	Flexible Conduit MISUMI	CTUB7-3.3M	1
5	74732027 P381017068	Saddle for Conduit DAIWA DENGYO	PZ0110(D6.2)	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4





1 TSU Maintenance SW ASSY EXP

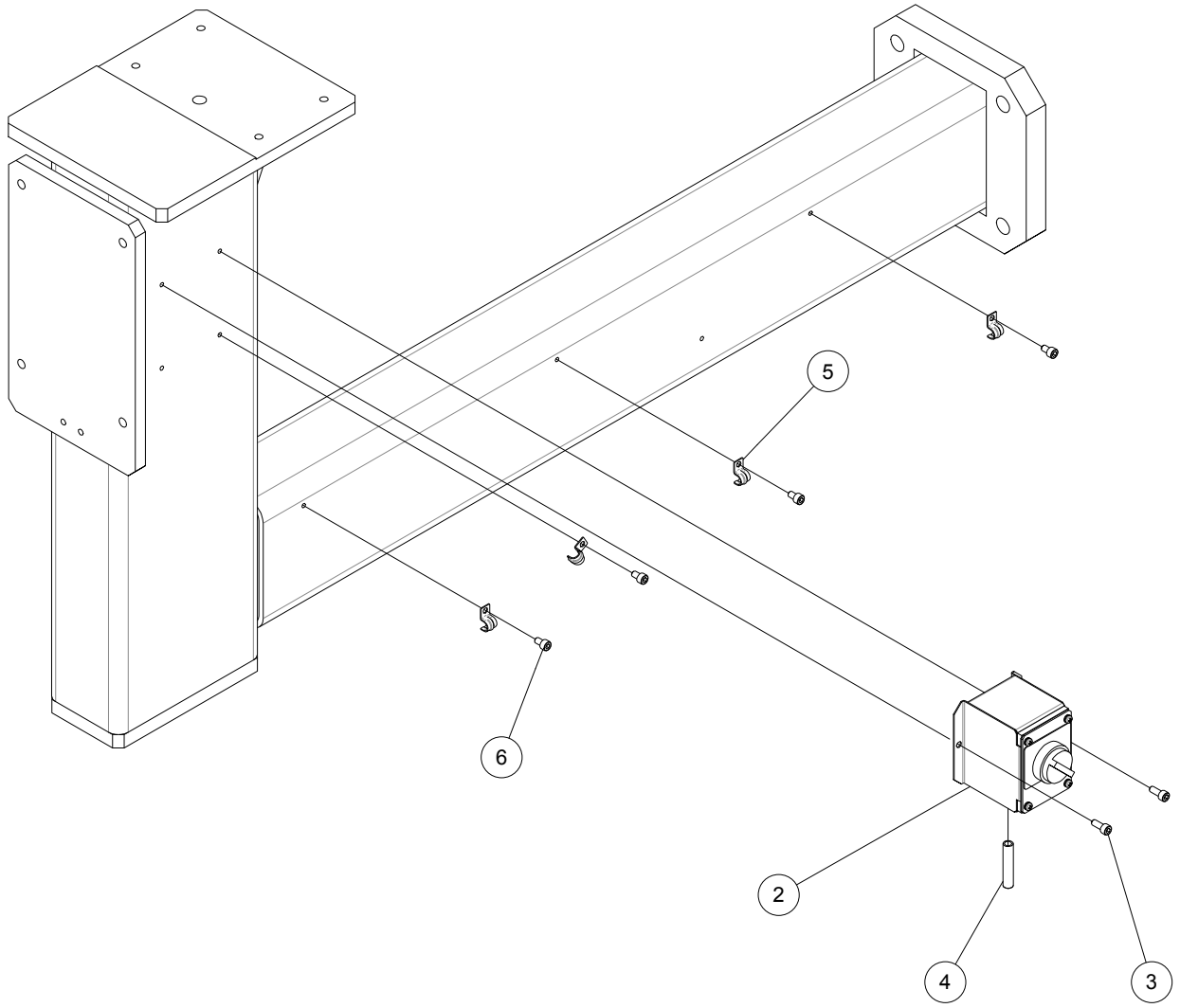
MA04856---

Unit No. 370 TSU Module BF <TSU Maintenance SW ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA04856---	TSU Maintenance SW ASSY EXP	Index 2-16	1
2	74900137 MA01886---	Switch Box		1
3	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
4	74417443 6875757	Packing 2		1
5	74900133 MA01882---	Cap		1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74900136 MA01885---	Name Plate Changer Maintenance EX		1
8	74387233 P820004070	Key Select Switch FUJI Electric	AR30PR-201B	1
9	74183225 P334100016	Pan Head Screw JIS	M4X6	2
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	1
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74900554 P342200874	Vinyl Cord P.V.C	KIV0.75X250(Y/G)	1

Unit No. 370 TSU Module BF <TSU Maintenance SW ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74489972 P869220210	Marker Tube	1.25	2
15	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
16	74900191 MA04403---	Cable CN3C12	(SA121)	1

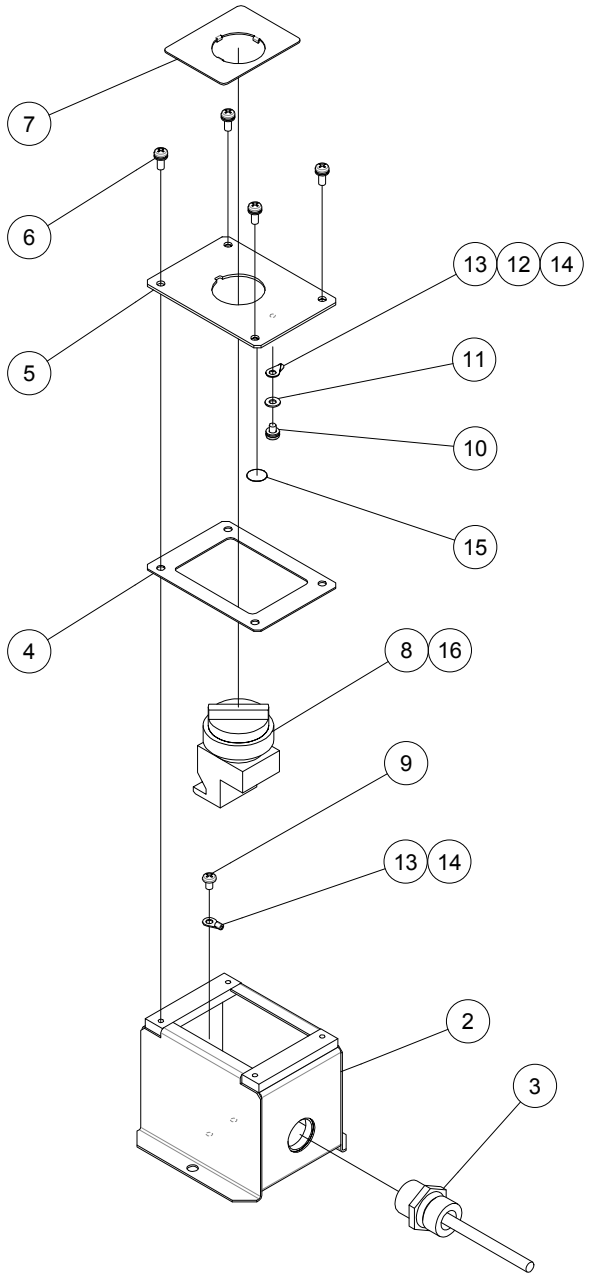


(1) TSU Maintenance SW Installation CHINA

WA00720---
(MA04400---)

Unit No. 371 TSU Module BF <TSU Maintenance SW Installation CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00720---	TSU Maintenance SW Installation CHINA	Index 2-6	1
2	WA00721---	TSU Maintenance SW ASSY EXP		1
3	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
4	74900616 P869028218	Flexible Conduit MISUMI	CTUB7-3.3M	1
5	74732027 P381017068	Saddle for Conduit DAIWA DENGYO	PZ0110(D6.2)	4
6	74776743 P330220003	Hex Socket Cap Screw	M6X10	4



(1) TSU Maintenance SW ASSY EXP

WA00721---
(MA04401---)

Unit No. 372 TSU Module BF <TSU Maintenance SW ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00721---	TSU Maintenance SW ASSY EXP	Index 2-16	1
2	74900137 MA01886---	Switch Box		1
3	74723041 P866108009	Accessory for Conduit NICS	NC-1 (Cord Lock)	1
4	74417443 6875757	Packing 2		1
5	74900133 MA01882---	Cap		1
6	74570030 P334200115	Sems Pan Head Screw SANKO Industry	M4X10(Chromate P-4)	4
7	74402782 WA00722---	Name Plate		1
8	74387233 P820004070	Key Select Switch FUJI Electric	AR30PR-201B	1
9	74183225 P334100016	Pan Head Screw JIS	M4X6	2
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	1
11	74776842 P336000088	Washer JIS	4(Normal)-Unichromate Plating	1
12	74900554 P342200874	Vinyl Cord P.V.C	KIV0.75X250(Y/G)	1

Unit No. 372 TSU Module BF <TSU Maintenance SW ASSY EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74553818 P869200003	Solderless Terminal	R1.25-4	2
14	74489972 P869220210	Marker Tube	1.25	2
15	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1
16	74900191 MA04403---	Cable CN3C12		1

< List Only >

MA06445---

Unit No. 373 TSU Module BF <ID Reader ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06445---	ID Reader ASSY	Index 2-33	1
2	74402783 P550016362	Air Cylinder CKD	STL-M-20-125	1
3	74741039 P555004029	Air Flow Control Valve CKD	SC3W-M5-6	2
4	74901382 P230222068	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-3M	1
5	74402784 P586608055	One Touch Fitting CKD	GWT8-0	1
6	74402785 P586538085	One Touch Fitting CKD	GWS6-8P	1
7	74183605 P330210013	Hex Socket Cap Screw	M5X40	4
8	74402786 MA05881---	ID Cylinder Bracket 1		1
9	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
10	74402787 MA05882---	ID Cylinder Bracket 2		1
11	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
12	74402788 MA05883---	ID Sensor Bracket		1

Unit No. 373 TSU Module BF <ID Reader ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183302 P334500013	Button Head Screw	M6X10	4
14	74413041 P330200014	Hex Socket Cap Screw	M4X8	2
15	74900031 7831613	Dai Gripper SOL CKD	4GA110-C6-E2N-FL342755-3 Index 16-18	1
16	74900582 P556124003	Plug-in Connector CKD	4G1-JOINT-C6	1
17	74900586 P557036004	Silencer CKD	SLM-M5	1
18	74565707 P586538074	One Touch Fitting CKD	GWS8-6	1
19	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
20	74402789 MA05885---	ID Energy Chain Captain Industries	R07.10.038.0.19.060.10.12PZ	1
21	74776833 P334520030	Flat Head Bolt NISSAN NEJI	M3X5	2
22	74776834 P334520043	Flat Head Bolt NISSAN NEJI	M3X8	2
23	74402790 MA06446---	ID Reader Cover		1
24	74183302 P334500013	Button Head Screw	M6X10	4

Unit No. 373 TSU Module BF <ID Reader ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74402791 MA05886---	Cable ID-1		1
26	74402792 MA05887---	Cable ID-2		1
27	74377040 P330200002	Hex Socket Cap Screw	M3X8	2
28	74183201 P332000001	Nut JIS	M3	2
29	74568661 P381058101	Cable Band KITAGAWA	TM3S25	1
30	74776743 P330220003	Hex Socket Cap Screw	M6X10	1
31	74402793 MA07916---	DIN Rail ID	NS35/7.5(L=100)	1
32	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
33	74402794 MA06447---	Cable ID-3		1

< List Only >

MA08040---

Unit No. 374 TSU Module BF <Cable DNET ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08040---	Cable DNET ASSY	Index 23	1
2	74402795 / MA07636---	Cable DNET1		1
3	74402796 / MA07637---	Cable DNET2		1

< List Only >

MA08041---

Unit No. 375 TSU Module BF <Cable PROB ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA08041---	Cable PROB ASSY	Index 2-5	1
2	74402795 MA07636---	Cable DNET1		1
3	74402796 MA07637---	Cable DNET2		1
4	74402797 MA07638---	Cable D-SUB		1
5	74402798 P767478175	Program Controller Module HMS	AB7663	1

< List Only >

CE02211---

Unit No. 376 Changer Name Plate

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02211---	Changer Name Plate Layout	Index 2-14	1
2	74902632 / MA04416---	Name Plate CR		1
3	74902105 / 7427101	Name Plate CZ		1
4	74902106 / 7427102	Name Plate CX		1
5	74902107 / 7427103	Name Plate CD		1
6	74388139 / 7405754	Name Plate S		2
7	74901190 / MA04417---	Name Plate CD		1
8	74420495 / 7423327	Name Plate		1
9	74902622 / MA04190---	Warning Plate		3
10	74450774 / 6709279	Name Plate		1
11	74402799 / MA07642---	Caution Plate		1
12	74402800 / MA07643---	Name Plate		1

Unit No. 376 Changer Name Plate

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74419879 3809313	Caution Plate		1
14	74340935 810974	Turret Sticker		1

< List Only >

CE02212---

Unit No. 377 Changer Name Plate <Changer Name Plate Layout EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02212---	Changer Name Plate Layout EXP	Index 2-26	1
2	74902632 MA04416---	Name Plate CR		1
3	74902105 7427101	Name Plate CZ		1
4	74902106 7427102	Name Plate CX		1
5	74902107 7427103	Name Plate CD		1
6	74388139 7405754	Name Plate S		2
7	74901286 MA04833---	Timing Belt Sticker CX		1
8	74902645 MA04834---	Timing Belt Sticker CD		1
9	74902826 MA06412---	Name Plate CR		1
10	74902827 MA06413---	Name Plate CZ		1
11	74902828 MA06414---	Name Plate CX		1
12	74902829 MA06415---	Name Plate CD		1

Unit No. 377 Changer Name Plate <Changer Name Plate Layout EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902830 MA06416---	Name Plate S		1
14	74902622 MA04190---	Warning Plate		3
15	74386340 6045138 A	Name Plate		1
16	74614124 P360200001	Charging Mark JIS	JISB6015-20H	1
17	74901396 P360200002	Charging Mark JIS	JISB6015-40H	4
18	74452647 6502538	Sticker C	AS-K1001-C	3
19	74450774 6709279	Name Plate		2
20	74902020 3832849---	Name Plate		1
21	74901287 MA04839---	Name Plate CD E		1
22	74402801 MA07926---	Caution Plate		1
23	74402802 MA07927---	Name Plate		1
24	74571235 0820851 A	Caution Plate		1

Unit No. 377 Changer Name Plate <Changer Name Plate Layout EXP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74307484 6502741	Turret Sticker Export		1
26	74902644 MA04832---	Sticker TSU (A)		1

< List Only >

MA07647---

Unit No. 378 Changer Name Plate <Changer Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA07647---	Changer Name Plate Layout CE	Index 2-44	1
2	MA07648---	Changer Name Plate ASSY CE	Index 3-24	1
3	74902632 MA04416---	Name Plate CR		1
4	74902105 7427101	Name Plate CZ		1
5	74902106 7427102	Name Plate CX		1
6	74902107 7427103	Name Plate CD		1
7	74388139 7405754	Name Plate S		2
8	74901286 MA04833---	Timing Belt Sticker CX		1
9	74902645 MA04834---	Timing Belt Sticker CD		1
10	74902646 MA04835---	Name Plate CR		1
11	74902647 MA04836---	Name Plate CZ		1
12	74902648 MA04837---	Name Plate CX		1

Unit No. 378 Changer Name Plate <Changer Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902649 MA04838---	Name Plate CD		1
14	74902650 MA04840---	Name Plate S		1
15	74902622 MA04190---	Warning Plate		3
16	74450043 6893760	Name Plate		2
17	74614124 P360200001	Charging Mark JIS	JISB6015-20H	1
18	74901396 P360200002	Charging Mark JIS	JISB6015-40H	4
19	74452647 6502538	Sticker C	AS-K1001-C	3
20	74450774 6709279	Name Plate		2
21	74902655 MA04851---	Warning Plate PG		1
22	74571235 0820851 A	Caution Plate		1
23	74400935 MA02639---	Name Plate		1
24	74902644 MA04832---	Sticker TSU (A)		1

Unit No. 378 Changer Name Plate <Changer Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	MA07649---	TSU Name Plate ENG	Index 26-28 / English	1
26	74901287 MA04839---	Name Plate CD E	English	1
27	74402801 MA07926---	Caution Plate	English	1
28	74402802 MA07927---	Name Plate	English	1
29	MA07961---	TSU Name Plate GER	Index 30-32 / German	1
30	74902651 MA04842---	Name Plate	German	1
31	74402803 MA07962---	Caution Plate	German	1
32	74402804 MA07963---	Name Plate	German	1
33	MA07964---	TSU Name Plate FRA	Index 34-36 / French	1
34	74902652 MA04843---	Name Plate	French	1
35	74402805 MA07965---	Caution Plate	French	1
36	74402806 MA07966---	Name Plate	French	1

Unit No. 378 Changer Name Plate <Changer Name Plate Layout CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	MA07967---	TSU Name Plate ITA	Index 38-40 / Italian	1
38	74902653 MA04844---	Name Plate	Italian	1
39	74402807 MA07968---	Caution Plate	Italian	1
40	74402808 MA07969---	Name Plate	Italian	1
41	MA07970---	TSU Name Plate SPA	Index 42-44 / Spanish	1
42	74902654 MA04845---	Name Plate	Spanish	1
43	74402809 MA07971---	Caution Plate	Spanish	1
44	74402810 MA07972---	Name Plate	Spanish	1

< List Only >

CE02213---

Unit No. 379 Changer Name Plate <Changer Name Plate Layout CHINA>

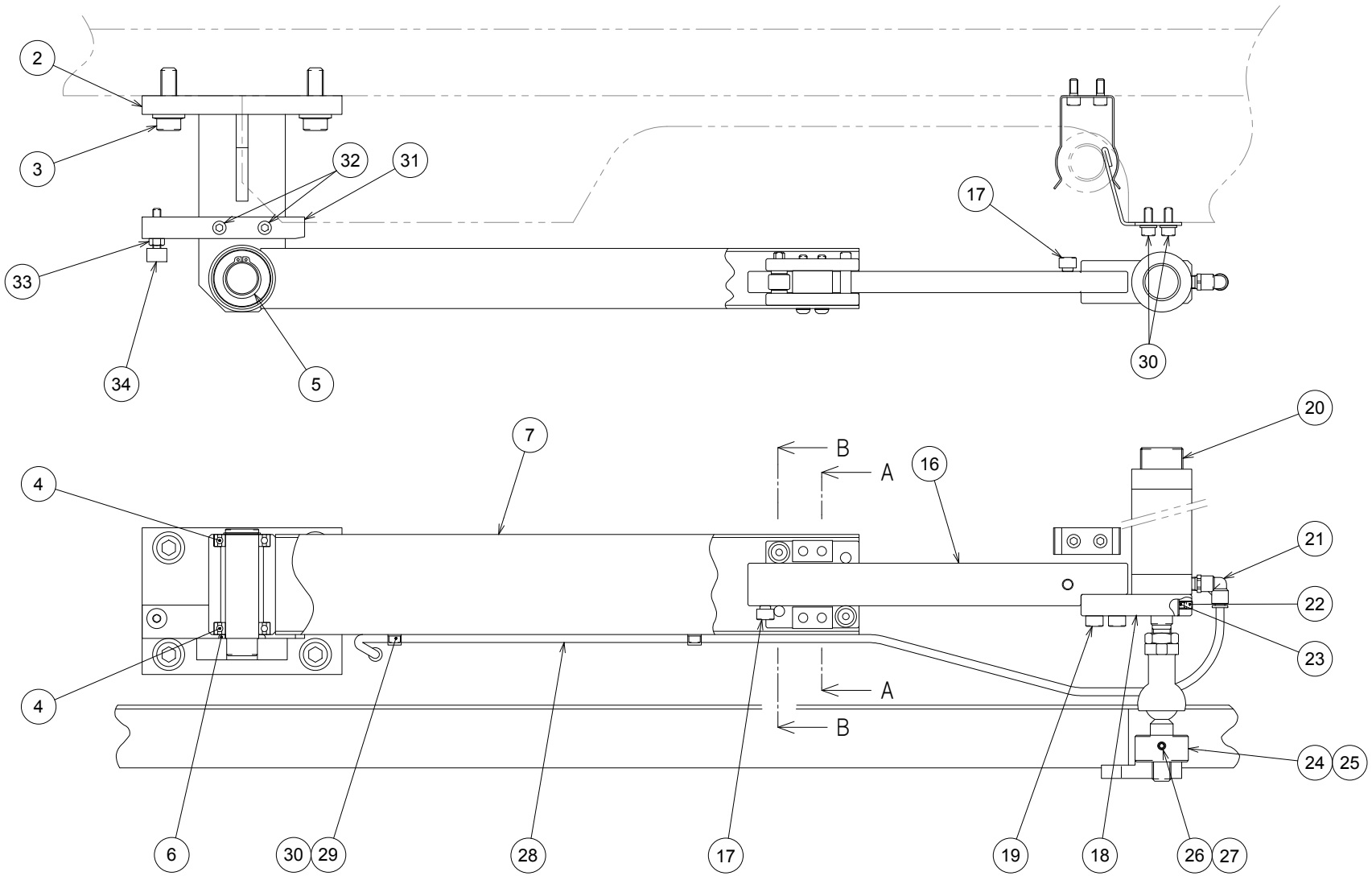
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02213---	Changer Name Plate Layout CHINA	Index 2-26	1
2	74902632 MA04416---	Name Plate CR		1
3	74902105 7427101	Name Plate CZ		1
4	74902106 7427102	Name Plate CX		1
5	74902107 7427103	Name Plate CD		1
6	74388139 7405754	Name Plate S		2
7	74402811 WA00707---	Timing Belt Sticker CX		1
8	74402812 WA00708---	Timing Belt Sticker CD		1
9	74402813 WA00709---	Name Plate CR		1
10	74402814 WA00710---	Name Plate CZ		1
11	74402815 WA00711---	Name Plate CX		1
12	74402816 WA00712---	Name Plate CD		1

Unit No. 379 Changer Name Plate <Changer Name Plate Layout CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74402817 WA00713---	Name Plate S		1
14	74902622 MA04190---	Warning Plate		3
15	74419461 6817500	Name Plate		1
16	74614124 P360200001	Charging Mark JIS	JISB6015-20H	1
17	74901396 P360200002	Charging Mark JIS	JISB6015-40H	4
18	74452647 6502538	Sticker C	AS-K1001-C	3
19	74450774 6709279	Name Plate		2
20	74402818 WA00714---	Name Plate		1
21	74402819 WA00730---	Name Plate CD C		1
22	74402820 WA00705---	Caution Plate C		1
23	74402821 WA00704---	Name Plate C		1
24	74419478 3809319	Caution Plate		1

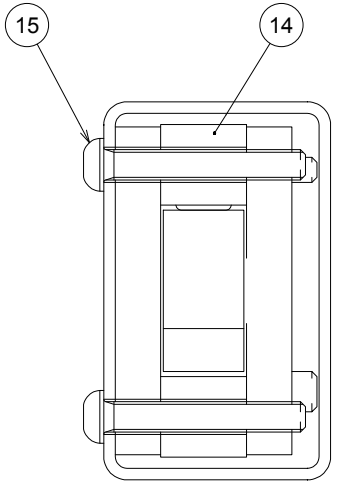
Unit No. 379 Changer Name Plate <Changer Name Plate Layout CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74451280 6817533 A	Turret Sticker CHINA		1
26	74902644 MA04832---	Sticker TSU (A)		1

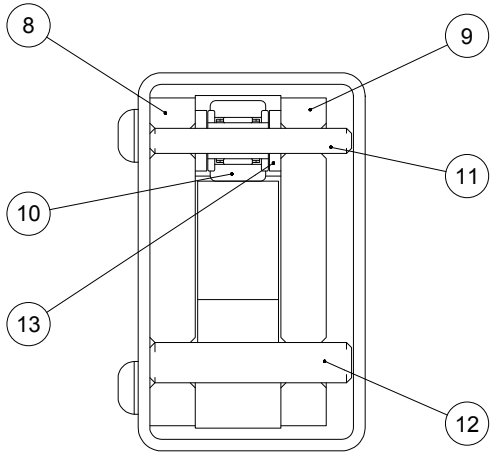


(1) Tool Balancer ASSY

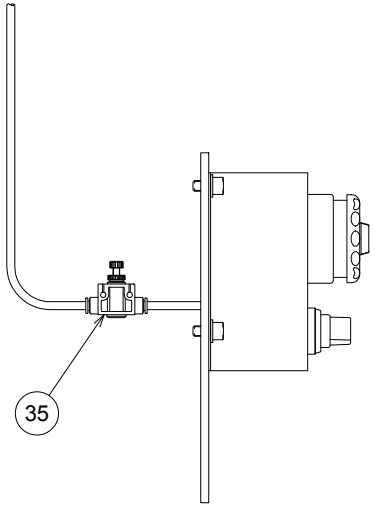
CE01740---
(6879145--B)

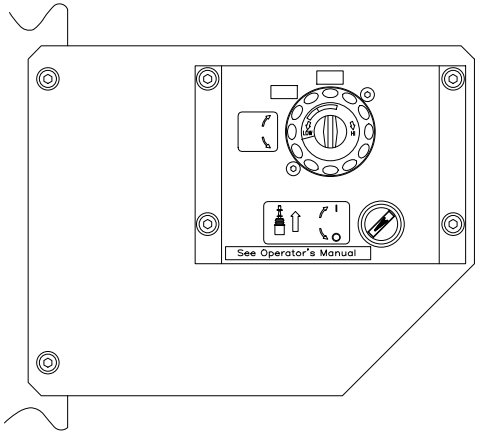


SECTION A-A



SECTION B-B





<Tool Balancer Controls>

CE01740---
(6879145--B)

Unit No. 380 Tool Balancer <Tool Balancer ASSY>

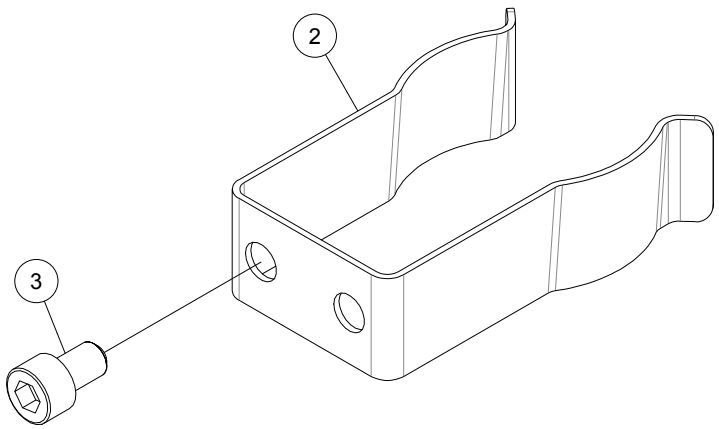
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01740---	Tool Balancer ASSY	Index 2-35	1
2	74417171 6876241 A	Arm Bracket		1
3	74776779 P330468033	Flange Socket Bolt NISSAN NEJI	M12X30	4
4	74417172 P400010693	Deep Groove Ball Bearing NSK(equality)	6905ZZ	2
5	74159526 P406108046	Locating Snap Ring OCHIAI	STW-25	1
6	74417173 6876247	Collar		1
7	74419394 6879147	Balancer Arm		1
8	74417175 6876243	Roller Bracket A		1
9	74417176 6876244	Roller Bracket B		1
10	74573647 P409112065	Roller Follower THK & others	NART5UUR	2
11	74417177 P446207042	Guide Bar MISUMI	SFJ5-40	2
12	74417178 P446207043	Guide Bar MISUMI	SFJ8-40	2

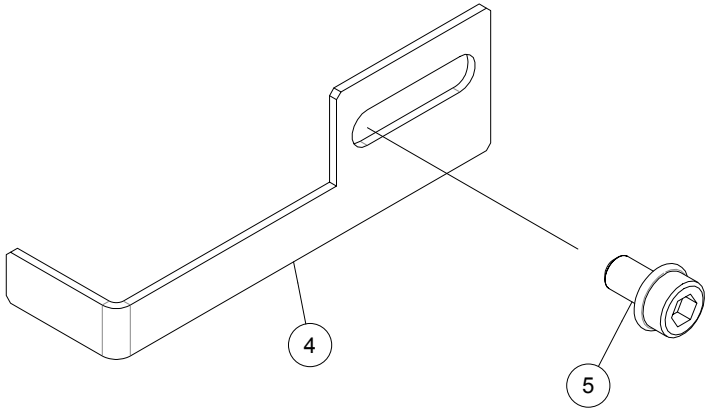
Unit No. 380 Tool Balancer <Tool Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74417179 P336238209	Washer MISUMI	WSSB12-5-2	4
14	74569937 6813522	Spacer		2
15	74776829 P334500037	Button Head Screw JIS	M6X40	4
16	74452147 6876245 A	Slider		1
17	74354330 P330230001	Hex Socket Cap Screw	M8X10	2
18	74450787 6892305	Cylinder Holder		1
19	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
20	74450788 7831676	Air Cylinder SMC	CM2BZ40-300 with Index 21	1
21	74569148 P586623032	One Touch Fitting SMC	KQ2L06-02S	1
22	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	1
23	74303816 806073	Insert		1
24	74380550 P409202004	Floating Joint THK	RBI14D	1

Unit No. 380 Tool Balancer <Tool Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74540721 P550082061	Accessory for Air Cylinder SMC	NT-04	1
26	74309112 819298	Knob		1
27	74353803 P330590019	Socket Set Screw JIS	M6X10(Cup Point)	2
28	74415719 P230222129	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-3.5M	1
29	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	3
30	74776743 P330220003	Hex Socket Cap Screw	M6X10	3
31	74571365 6813526 A	Stopper		1
32	74183615 P330220013	Hex Socket Cap Screw	M6X35	2
33	74183204 P332000071	Nut JIS	M6(Type-1)	1
34	74903181 P338098035	Stopper Bolt MISUMI	UNAH6-30	1
35	74568665 P555007016	Air Flow Control Valve NITTA MOORE	ESU6	1



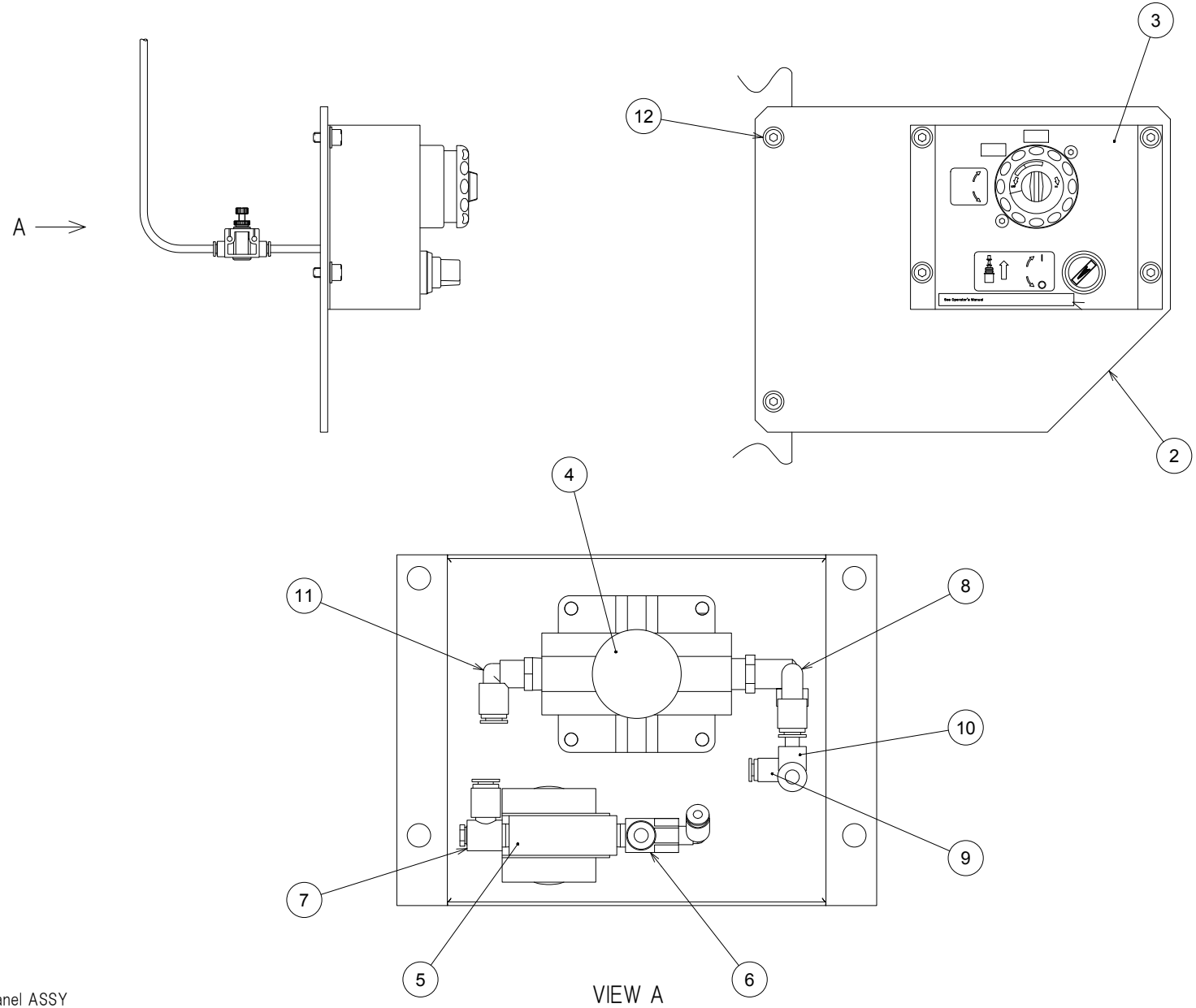


(1) Balancer ASSY

MA02948---

Unit No. 381 Tool Balancer <Balancer ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA02948---	Balancer ASSY	Index 2-5	1
2	74450789 6892306	Catch		1
3	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
4	74902426 MA02947---	Cylinder Stopper		1
5	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2



(1) Control Panel ASSY

CE01741---
(6879145--B)

Unit No. 382 Tool Balancer <Control Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01741---	Control Panel ASSY	Index 2-12	1
2	74577459 6813527 B	Tool Balancer Control Bracket		1
3	74453604 7832785 A	Tool Balancer Control Panel CKD	TSB-E-AMA-BAL-UN176-KL300176 Index 4-11	1
4	74902894 S420244---	Regulator CKD	2302-2C-FL272539	1
5	74415095 P556054001	Mechanical Valve CKD	MS-00-SE1	1
6	74902895 S420245---	Block Valve CKD	FPV-6A-06	1
7	74777045 P586568174	One Touch Fitting CKD	GWL6-6-T (Universal Elbow)	1
8	74578871 P586628089	One Touch Fitting CKD	GWFY6-8	1
9	74451532 S420246---	One Touch Fitting CKD	GWP46-L	1
10	74900598 P586568188	One Touch Fitting CKD	GWP66-L	1
11	74733062 P586568132	One Touch Fitting CKD	GWL6-8	1
12	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	6

(1) Operation Name Plate ENG

6912581
(7408813)

Unit No. 383 Tool Balancer <Operation Name Plate E>

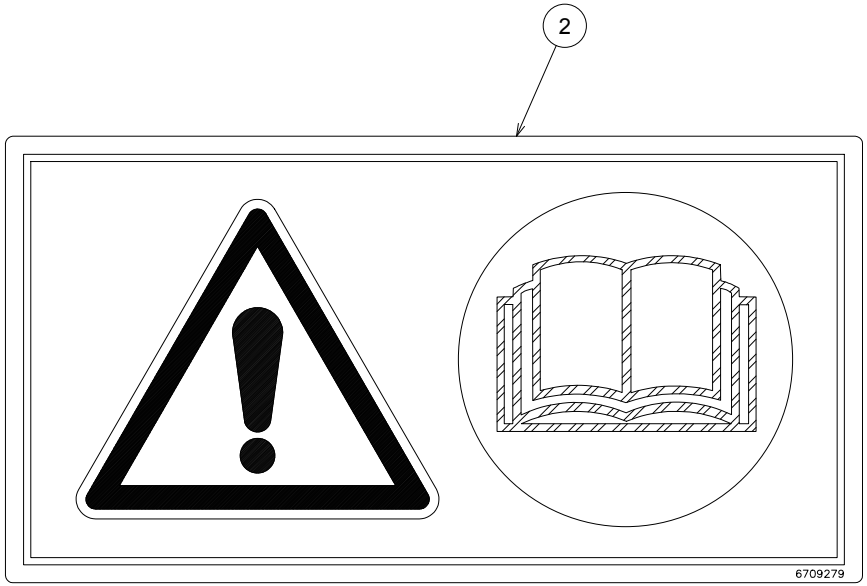
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6912581	Operation Name Plate ENG	Index 2	1
2	74563020 / 7408813	Name Plate		1

(1) Operation Name Plate C

6817904
(6817541)

Unit No. 384 Tool Balancer <Operation Name Plate C>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817904	Operation Name Plate C	Index 2	1
2	74419396 6817541	Name Plate		1

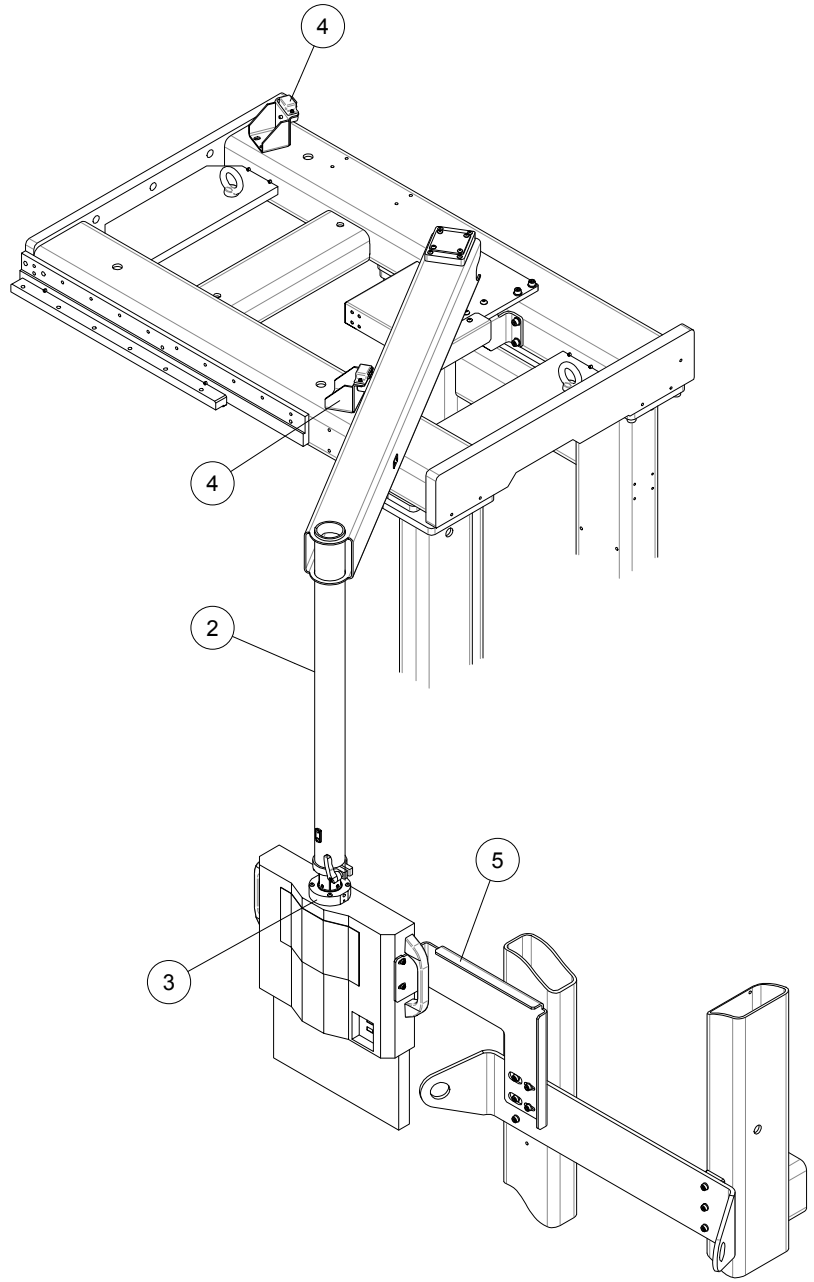


1 Operation Name Plate CE

3832481
(6709279)

Unit No. 385 Tool Balancer <Operation Name Plate CE>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3832481	Operation Name Plate CE	Index 2	1
2	74450774 / 6709279	Name Plate		1

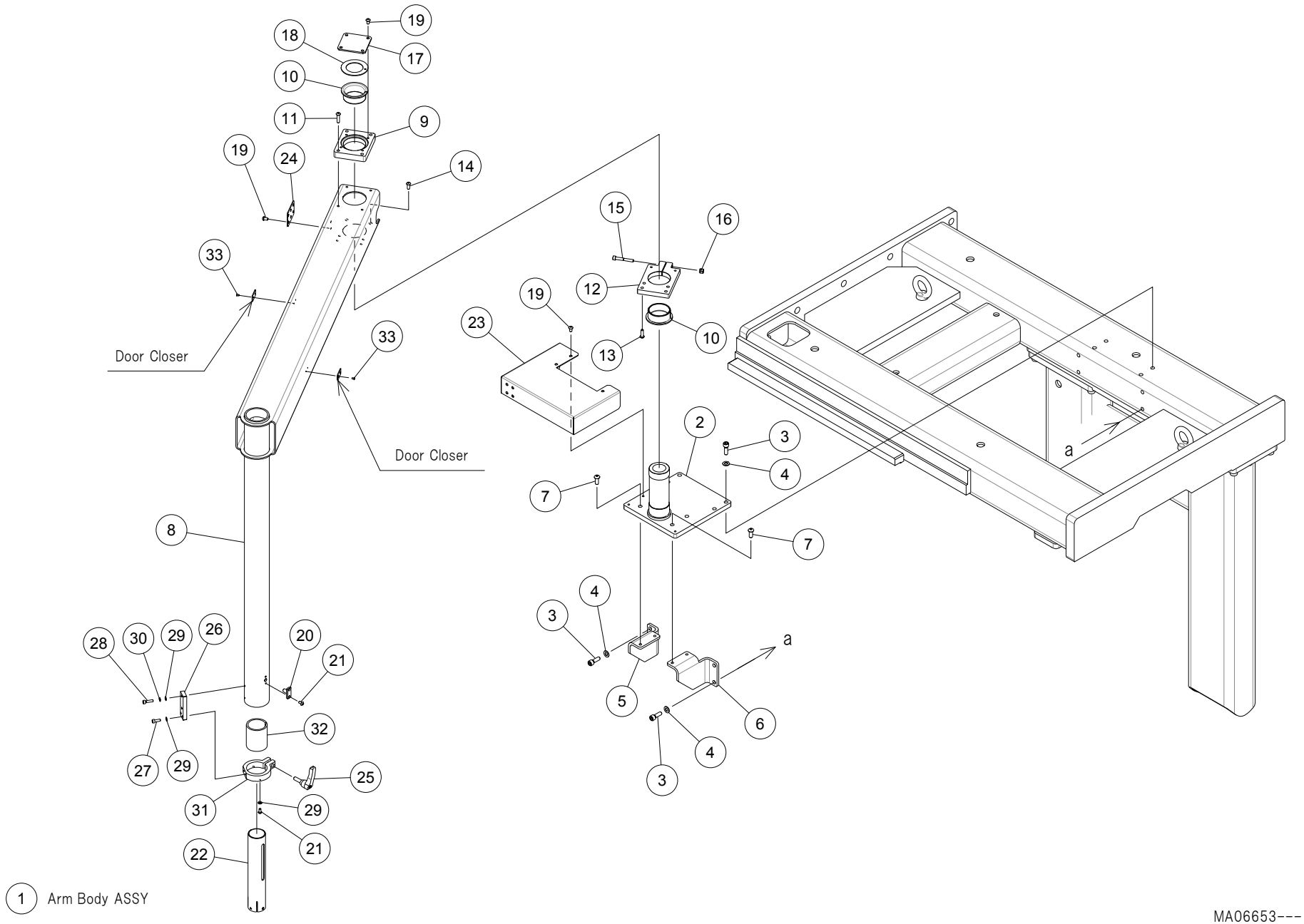


(1) Pendant Arm L300

MA06651---

Unit No. 386 TSU Controller <Pendant Arm L300>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06651---	Pendant Arm L300	Index 2-5	1
2	MA06653---	Arm Body ASSY		1
3	MA06654---	Pendant Support ASSY		1
4	MA03733--A	Arm Catch B ASSY		2
5	MA06652---	Shipping ASSY		1



1 Arm Body ASSY

Unit No. 387 TSU Controller <Arm Body ASSY>

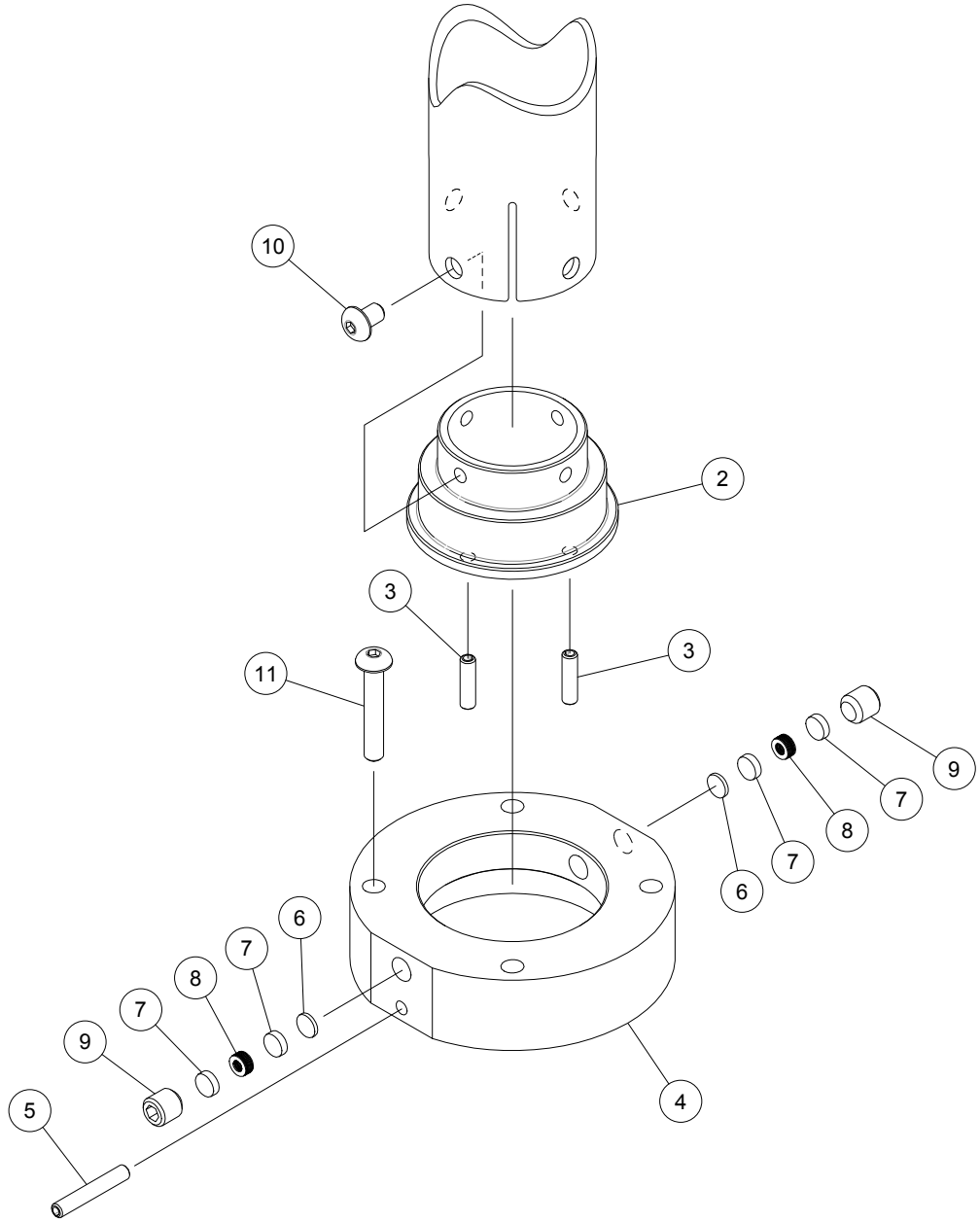
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06653---	Arm Body ASSY	Index 2-33	1
2	74902567 MA03723---	Arm Base		1
3	74183623 P330230007	Hex Socket Cap Screw	M8X25	8
4	74183027 P336000006	Washer JIS	8(Normal)	8
5	74902568 MA03724---	Bass Rib L		1
6	74902569 MA03725---	Bass Rib R		1
7	74183316 P334500020	Button Head Screw	M8X20	4
8	74902835 MA06655---	Arm		1
9	74902570 MA03726---	Housing Plate U		1
10	74903254 P407012062	Plain Bearing OILES Industry	LFF-5020	2
11	74776827 P334500028	Button Head Screw	M6X25	4
12	74902571 MA03727---	Housing Plate L		1

Unit No. 387 TSU Controller <Arm Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74314603 P334500016	Button Head Screw	M6X20	4
14	74183310 P334500015	Button Head Screw	M6X15	2
15	74183617 P330220015	Hex Socket Cap Screw	M6X45	1
16	74903139 P332570031	Lock Nut HARD LOCK	M6X1-SS400-Parkerizing-H1	1
17	74902572 MA03728---	Housing Cap		1
18	74903255 P407022027	Plain Bearing OILES Industry	LFW-4215	1
19	74183302 P334500013	Button Head Screw	M6X10	9
20	74902573 MA03730---	Guide Pin		1
21	74183301 P334500009	Button Head Screw	M5X10	4
22	74902577 MA03742--B	Slide Pipe		1
23	74902574 MA03731---	Flexible Tube Bracket		1
24	74902575 MA03732---	Flexible Tube Guide		1

Unit No. 387 TSU Controller <Arm Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903258 P437354073	Lever IMAO Mfg	FKR8X25-BR	1
26	74902578 MA03748--A	Lock Base B		1
27	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
28	74314404 P330210009	Hex Socket Cap Screw	M5X20	1
29	74776840 P336000080	Washer	5(Normal)	6
30	74300516 P336050004	Spring Washer JIS	5	1
31	74902579 MA03749--A	Clamp Base		1
32	74903253 P406178090	Distance Piece MISUMI	FCLJK-V43.5-D51-L62-SLC	1
33	74386689 P334520041	Flat Head Bolt NISSAN NEJI	M3X6	4

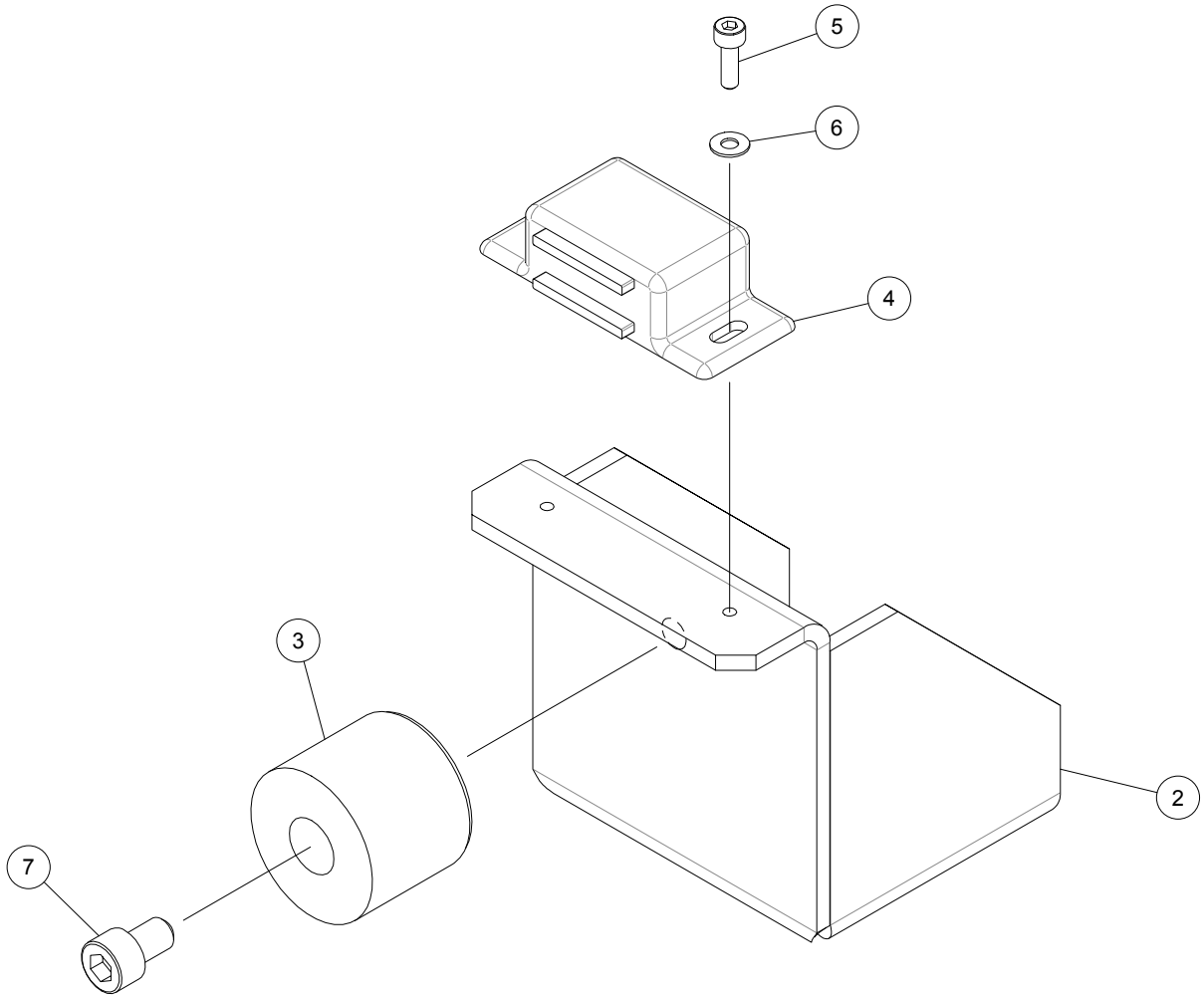


(1) Pendant Support ASSY

MA06654---

Unit No. 388 TSU Controller <Pendant Support ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06654---	Pendant Support ASSY	Index 2-11	1
2	74902836 MA06656---	Pendant Support 1		1
3	74903177 P337030025	Spring Pin Ohkita	4X15AW	2
4	74902564 MA03706---	Pendant Support 2		1
5	74903178 P337030029	Spring Pin JIS	4X25AW	1
6	74902565 MA03707---	Plate		2
7	74902566 MA03708---	Backup Plate		4
8	74903169 P336155036	Conical Spring Washer HHK	MDS3-2	18
9	74183127 P330550036	Socket Set Screw JIS	M8X8(Flat Type)	2
10	74163306 P334500008	Button Head Screw JIS	M5X8	4
11	74384298 P334500023	Button Head Screw	M5X30	4

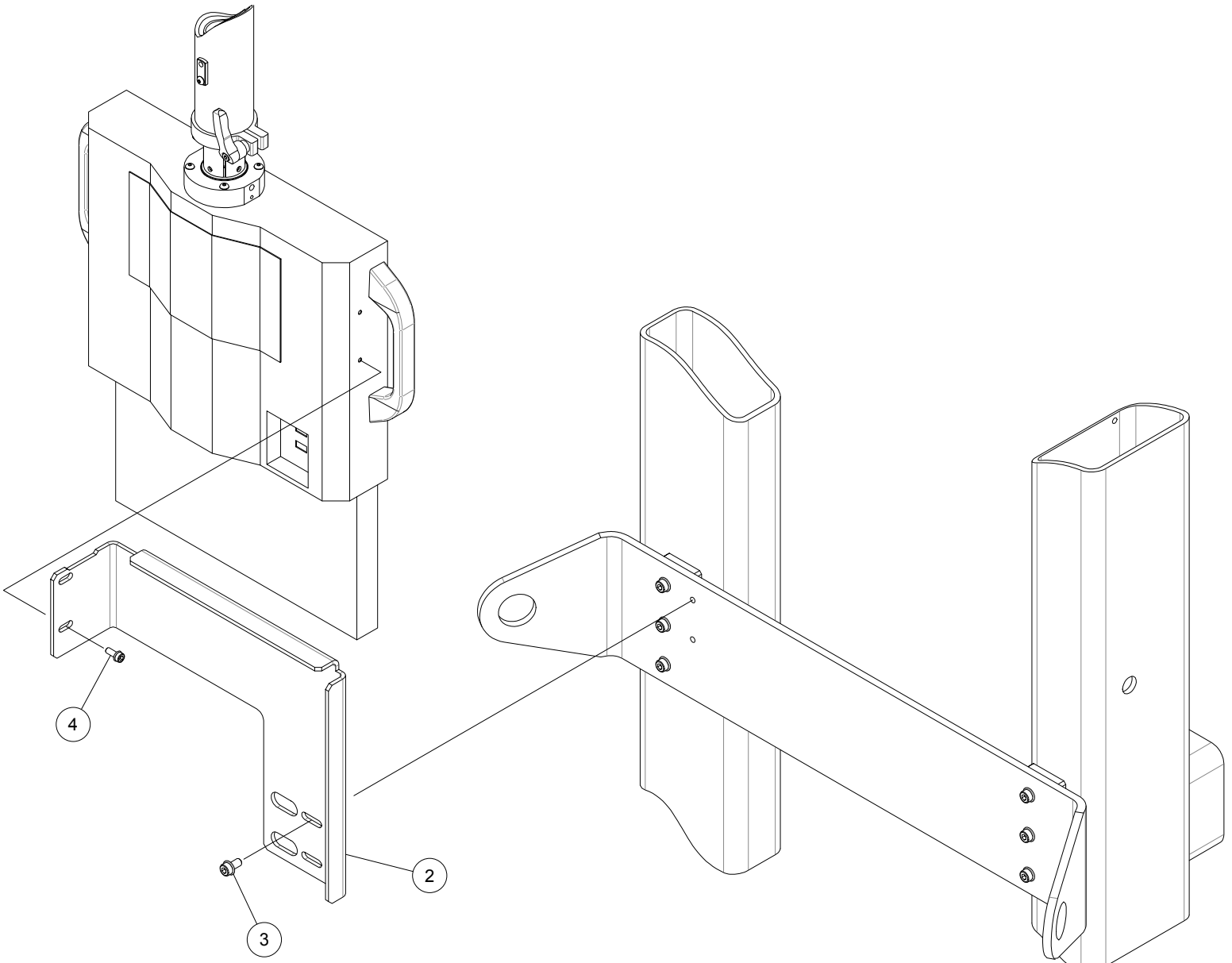


(1) Arm Catch B ASSY

MA03733--A

Unit No. 389 TSU Controller <Arm Catch B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Arm Catch B ASSY		2
	MA03733--A		Index 2-7	
2	74902576	Arm Catch Bracket B		1
	MA03734--A			
3	74903053	Stopper	UPWH6-25	1
	P229258064	MISUMI		
4	74903121	Door Closer	C-100-B-2	1
	P317442012	TAKIGEN		
5	74413038	Hex Socket Cap Screw	M3X10	2
	P330200003			
6	74570262	Washer	3(Normal)	2
	P336000086	JIS		
7	74776743	Hex Socket Cap Screw	M6X10	1
	P330220003			

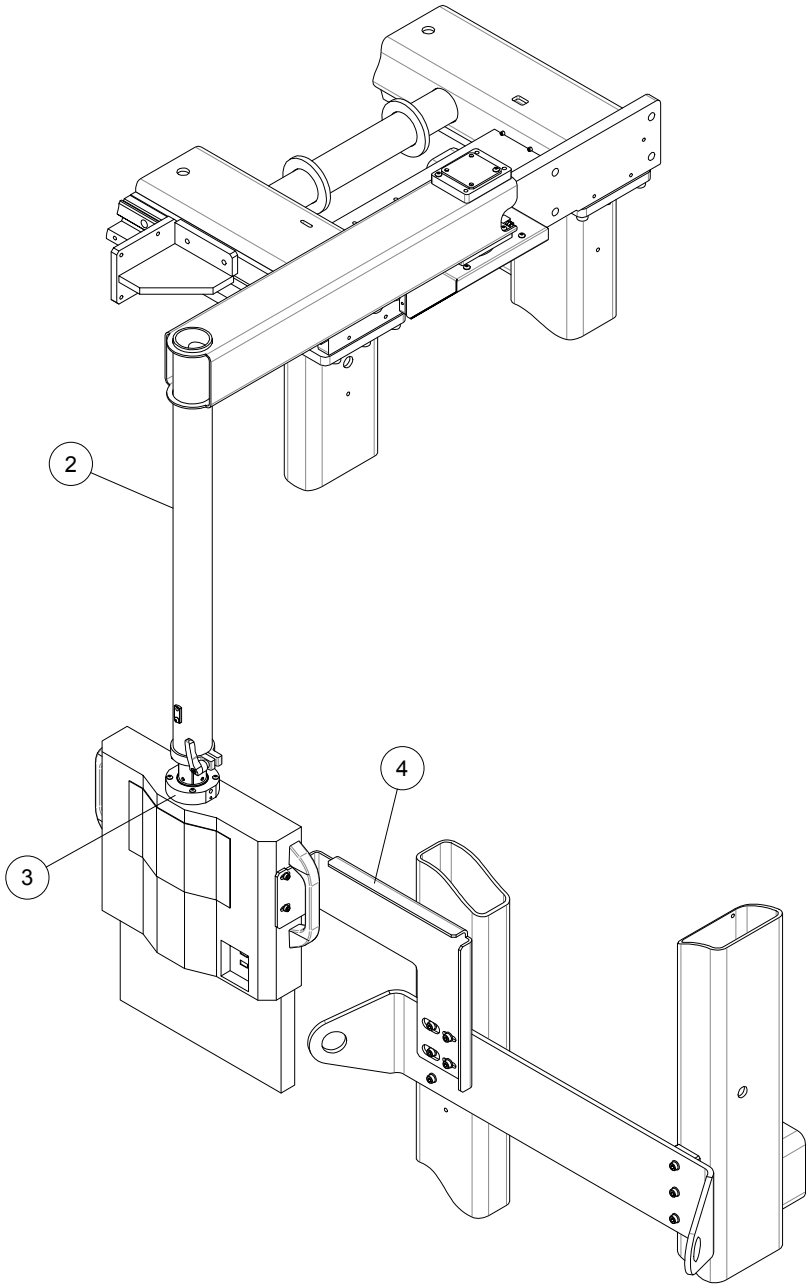


(1) Shipping ASSY

MA06652---

Unit No. 390 TSU Controller <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06652---	Shipping ASSY	Index 2-4	1
2	74902837 / MA06657---	Monitor Shipping Bracket		1
3	74382078 / P330468006	Flange Socket Bolt / NISSAN NEJI	M8X15	2
4	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	2

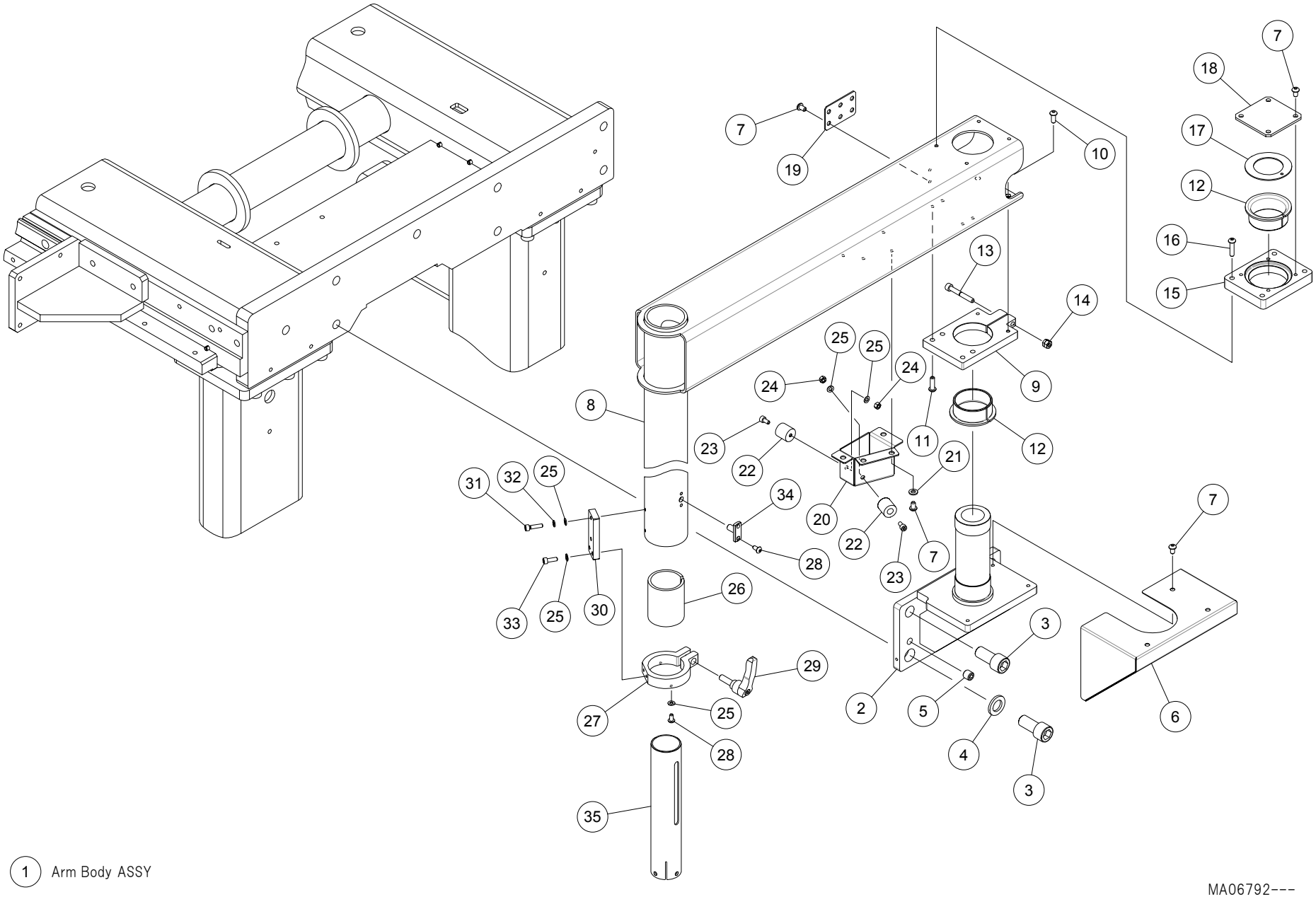


(1) Pendant Arm L179

MA06658---

Unit No. 391 TSU Controller <Pendant Arm L179>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06658---	Pendant Arm L179	Index 2-4	1
2	MA06792---	Arm Body ASSY		1
3	MA05043---	Pendant Support ASSY L150		1
4	MA06652---	Shipping ASSY		1


1 Arm Body ASSY
MA06792---

Unit No. 392 TSU Controller <Arm Body ASSY>

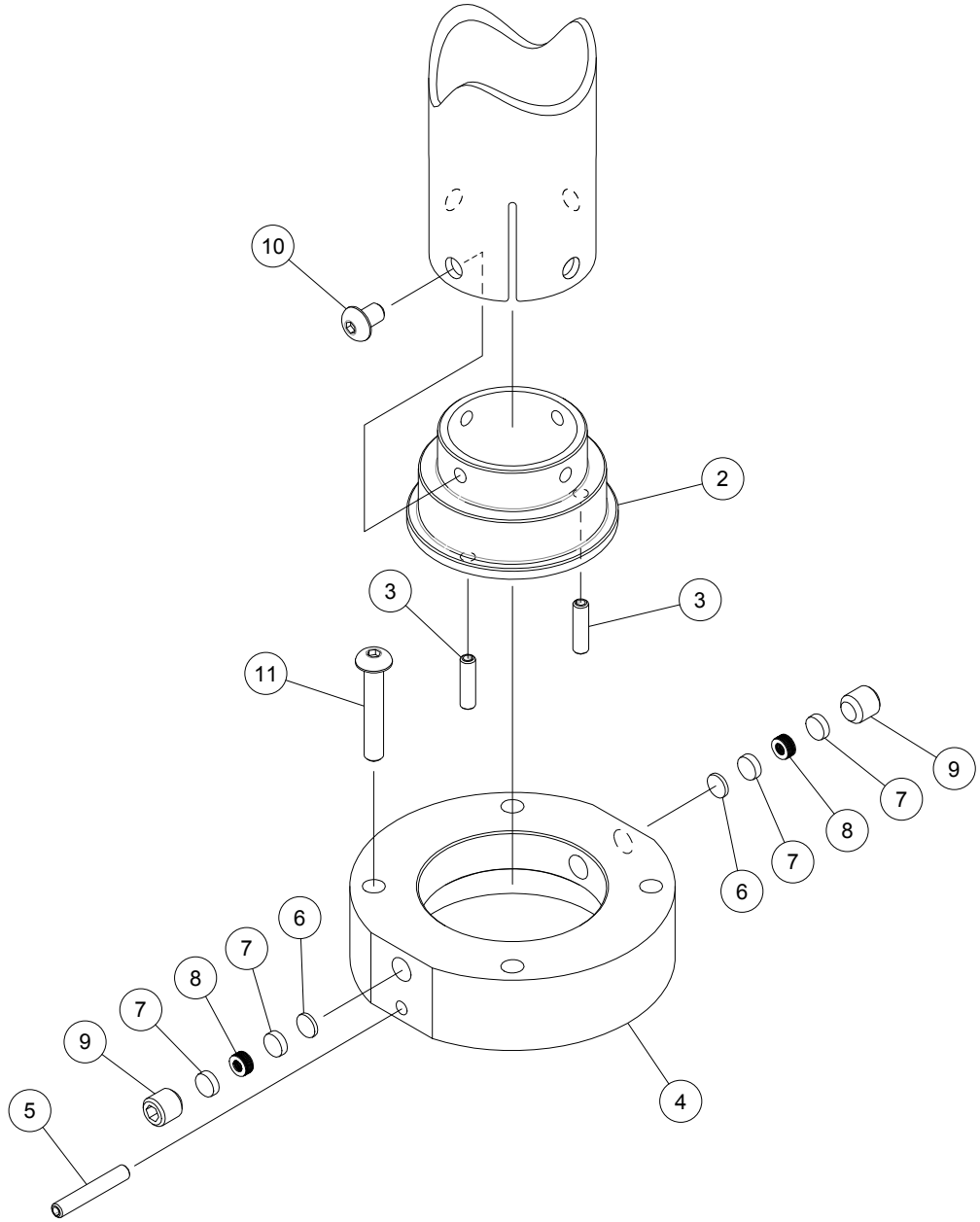
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06792---	Arm Body ASSY	Index 2-35	1
2	74902839 MA06794---	Arm Base L179		1
3	74183662 P330260031	Hex Socket Cap Screw	M16X35	3
4	74183032 P336000010	Washer JIS	16(Normal)	2
5	74903133 P330550058	Socket Set Screw JIS	M12X12(Flat Type)	2
6	74902840 MA06795---	Base Cover		1
7	74183302 P334500013	Button Head Screw	M6X10	13
8	74902838 MA06793---	Arm L179		1
9	74902571 MA03727---	Housing Plate L		1
10	74183310 P334500015	Button Head Screw	M6X15	2
11	74314603 P334500016	Button Head Screw	M6X20	4
12	74903254 P407012062	Plain Bearing OILES Industry	LFF-5020	2

Unit No. 392 TSU Controller <Arm Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183617 P330220015	Hex Socket Cap Screw	M6X45	1
14	74903139 P332570031	Lock Nut HARD LOCK	M6X1-SS400-Parkerizing-H1	1
15	74902570 MA03726---	Housing Plate U		1
16	74776827 P334500028	Button Head Screw	M6X25	4
17	74903255 P407022027	Plain Bearing OILES Industry	LFW-4215	1
18	74902572 MA03728---	Housing Cap		1
19	74902575 MA03732---	Flexible Tube Guide		1
20	74902693 MA05049---	Stopper Bracket		1
21	74159714 P336000005	Washer JIS	6(Normal)	4
22	74903054 P229258096	Stopper MISUMI	AYMK20-20	2
23	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
24	74300502 P332000003	Nut JIS	M5	2

Unit No. 392 TSU Controller <Arm Body ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74776840 P336000080	Washer	5(Normal)	8
26	74903253 P406178090	Distance Piece MISUMI	FCLJK-V43.5-D51-L62-SLC	1
27	74902579 MA03749--A	Clamp Base		1
28	74183301 P334500009	Button Head Screw	M5X10	4
29	74903258 P437354073	Lever IMAO Mfg	FKR8X25-BR	1
30	74902578 MA03748--A	Lock Base B		1
31	74314404 P330210009	Hex Socket Cap Screw	M5X20	1
32	74300516 P336050004	Spring Washer JIS	5	1
33	74314403 P330210006	Hex Socket Cap Screw	M5X15	3
34	74902573 MA03730---	Guide Pin		1
35	74902577 MA03742--B	Slide Pipe		1

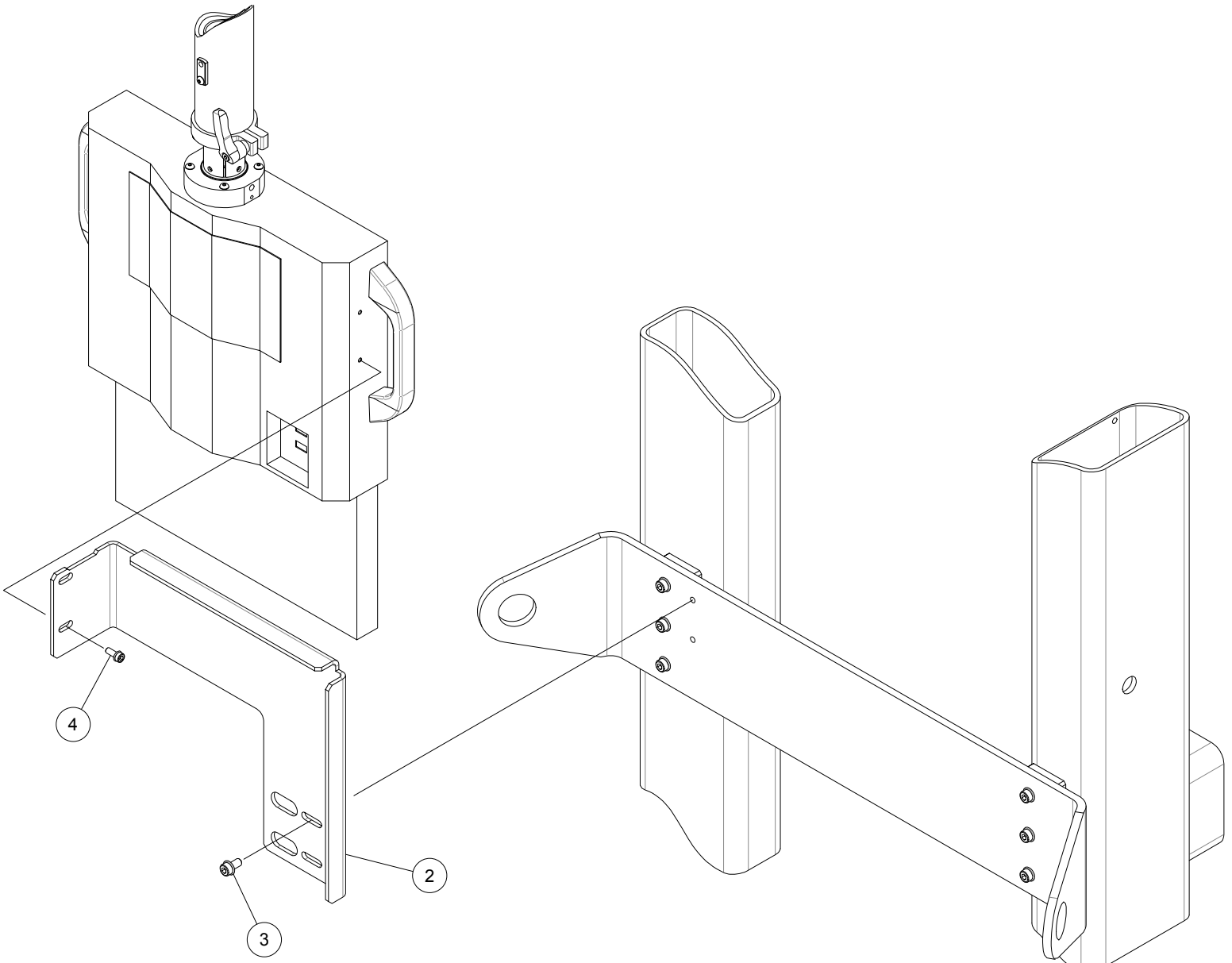


(1) Pendant Support ASSY L150

MA05043---

Unit No. 393 TSU Controller <Pendant Support ASSY L150>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA05043---	Pendant Support ASSY L150	Index 2-11	1
2	74902694 MA05052---	Pendant Support L150		1
3	74903177 P337030025	Spring Pin Ohkita	4X15AW	2
4	74902564 MA03706---	Pendant Support 2		1
5	74903178 P337030029	Spring Pin JIS	4X25AW	1
6	74902565 MA03707---	Plate		2
7	74902566 MA03708---	Backup Plate		4
8	74903169 P336155036	Conical Spring Washer HHK	MDS3-2	18
9	74183127 P330550036	Socket Set Screw JIS	M8X8(Flat Type)	2
10	74163306 P334500008	Button Head Screw JIS	M5X8	4
11	74384298 P334500023	Button Head Screw	M5X30	4

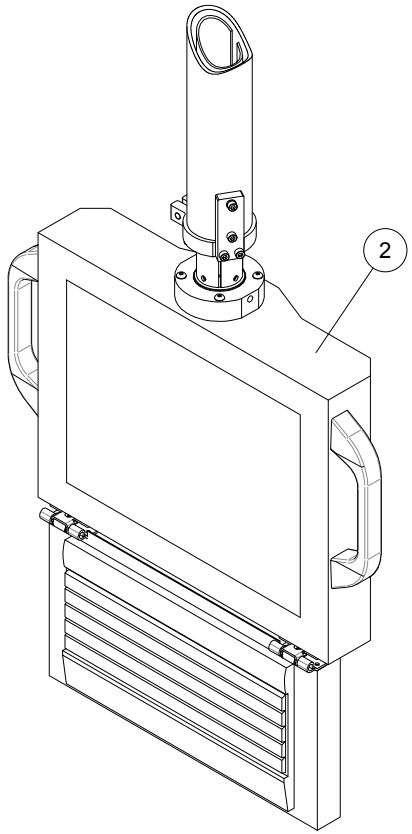


(1) Shipping ASSY

MA06652---

Unit No. 394 TSU Controller <Shipping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06652---	Shipping ASSY	Index 2-4	1
2	74902837 / MA06657---	Monitor Shipping Bracket		1
3	74382078 / P330468006	Flange Socket Bolt / NISSAN NEJI	M8X15	2
4	74776770 / P330460003	Flange Socket Bolt / NISSAN NEJI	M6X15	2

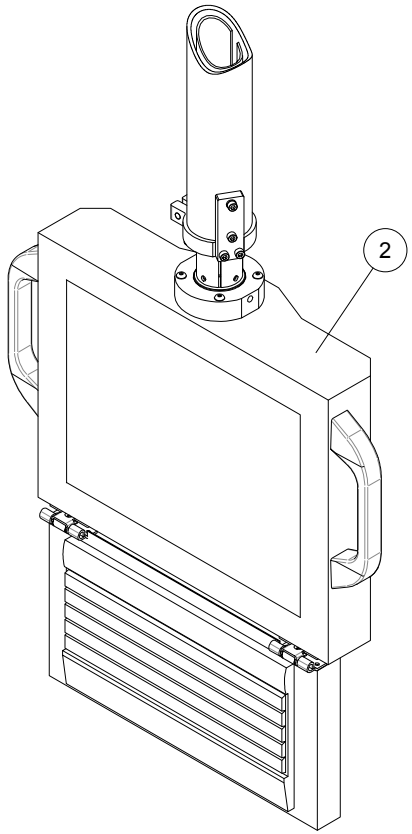


(1) Control Device (Supplies) D

MA06790---
(MA06652---)

Unit No. 395 TSU Controller <Control Device (Supplies) D>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Control Device (Supplies) D		1
	MA06790---		Index 2	
2	74902159	TSU Controller	TM150-ADS01	1
	7856159---	Technart		

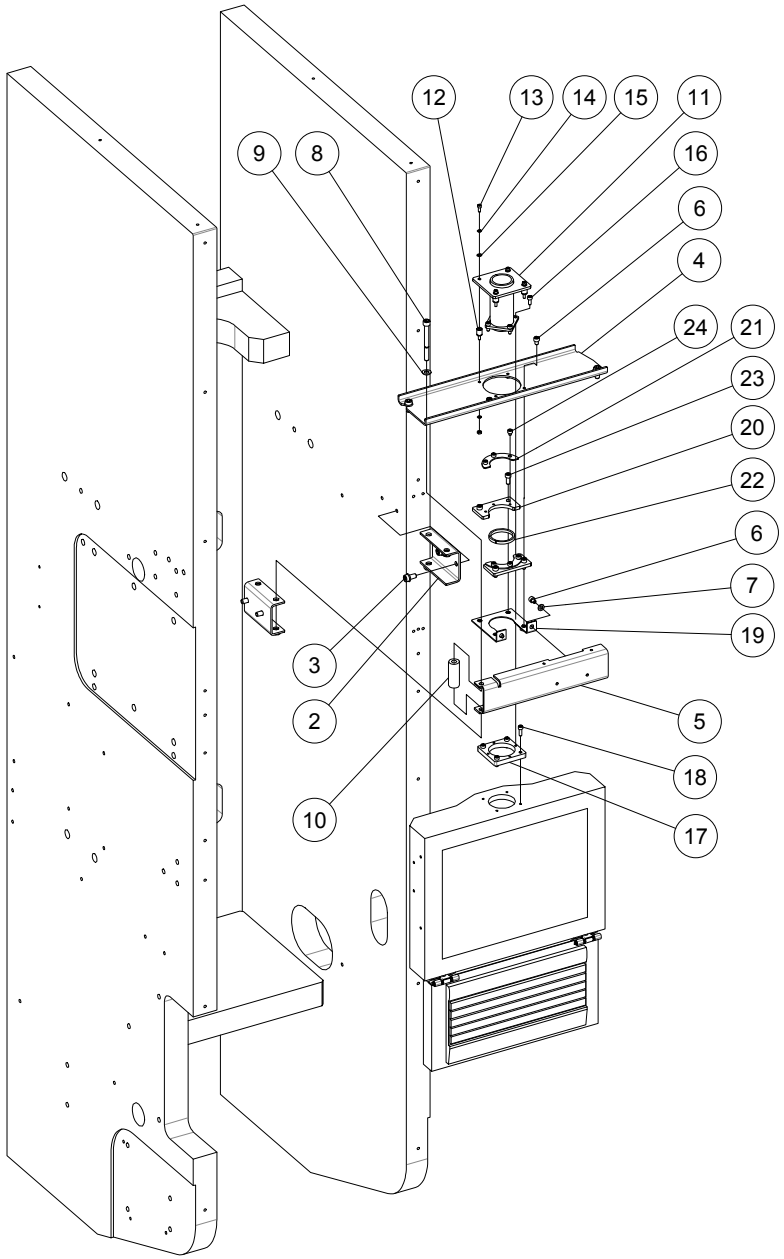


(1) Control Device (Supplies) E

MA06791---
(MA06652---)

Unit No. 396 TSU Controller <Control Device (Supplies) E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Control Device (Supplies) E		1
	MA06791---		Index 2	
2	74902163	TSU Controller E	TM150-ADS01-AU	1
	7856165---	Technart		



(1) Buffer Panel ASSY

MA06330---

Unit No. 397 TSU Controller <Buffer Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA06330---	Buffer Panel ASSY	Index 2-24	1
2	74402822 MA06312---	Panel Base		2
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	6
4	74402823 MA06331---	Panel Bracket		1
5	74402824 MA06313---	Maintenance Arm		1
6	74302811 P330220002	Hex Socket Cap Screw NISSAN NEJI	M6X8	4
7	74159714 P336000005	Washer JIS	6(Normal)	2
8	74900797 P330230017	Hex Socket Cap Screw MOURI	M8X75	1
9	74183027 P336000006	Washer JIS	8(Normal)	1
10	74402825 P406218033	Collar MISUMI	NCLB10-20-50	1
11	74402826 MA06335---	Support		1
12	74080522 P382002092	Vibration Isolator KURASHIKI KAKO	RA-10	4

Unit No. 397 TSU Controller <Buffer Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74314401 P330200015	Hex Socket Cap Screw	M4X10	4
14	74168422 P336050003	Spring Washer JIS	4	4
15	74776845 P336000092	Washer JIS	4(Normal)	4
16	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	4
17	74402827 MA06336---	Panel Spacer		1
18	74314403 P330210006	Hex Socket Cap Screw	M5X15	4
19	74402828 MA06314---	Support Bracket		1
20	74402829 MA06308---	Support Plate B		2
21	74402830 MA06309---	Support Plate C		2
22	74402831 P230608144	Synthesized Rubber NBR MISUMI	RBTM-3-5	1
23	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
24	74562243 P330210054	Hex Socket Cap Screw JIS	M5X5	6

< List Only >

CE03400---

Unit No. 398 Clamp Positioner <Slide Module C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03400---	Slide Module C/P	Index 2-10	1
2	CE03401---	Slide ASSY		1
3	CE03403---	C/P Slide ASSY		1
4	CE03404---	C/P Cable Carrier ASSY		1
5	CE03405---	C/P Slide Lubrication ASSY		1
6	6822708	Scale ASSY C/P		1
7	6825074	Scale ASSY C/P		1
8	CE03406---	Carriage Cover Bracket Kit		1
9	MA01482---	X Junction Box ASSY		1
10	CE03407---	Carriage Base Electric ASSY		1

< List Only >

CE03401---

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03401---	Slide ASSY	Index 2-94	1
2	74569701 6812619	Bearing Housing X		1
3	74183661 P330250017	Hex Socket Cap Screw	M12X90	4
4	74388280 6597110	Shim		1
5	74388281 6597111	Bearing Cover		1
6	74183315 P334500019	Button Head Screw	M8X15	4
7	74183103 P336050006	Spring Washer JIS	8	4
8	74183027 P336000006	Washer JIS	8(Normal)	4
9	74417359 7830983	Complex Bearing NSK	6208DDUC3**DBCP13P5** AV2S	1
10	74571252 P406168056	Lock Nut FUJI SEIMITSU	FU08SS	1
11	74402832 7831440---	X-axis Ball Screw		1
12	74302913 P585565001	Bite Type Pipe Fitting JUNKOSHA	PL-6X4-PT1/8-BS	1

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
14	74402833 CE03454---	Base Plate		1
15	74183654 P330250004	Hex Socket Cap Screw	M12X25	8
16	74402834 3830222--A	Drive BR Housing A		1
17	74302822 P330250013	Hex Socket Cap Screw	M12X70	6
18	74417313 7830981	Complex Bearing NSK	40TAC90BDDGSUC10PN7B WPHL	4
19	74903312 P580202011	Plug for Piping IHARA Science	SPA01-000J	1
20	74613321 6598911--A	Locating Pin		2
21	74453417 6812633 B	X-axis Bearing Retainer		1
22	74183623 P330230007	Hex Socket Cap Screw	M8X25	6
23	74810069 3806927	Damper Drive	D140	1
24	74401948 CE03501---	Spacer		1

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
26	74159714 P336000005	Washer JIS	6(Normal)	4
27	74563122 6598959	Collar L	D10	4
28	74561619 6598912 A	Grease Stopper		1
29	74578875 P406168065	Lock Nut FUJI SEIMITSU	TFU08SC	1
30	74561620 7830434 A	Pulley TSUBAKIMOTO CHAIN	48P8M60A	1
31	74903257 P432304002	Shaft Clamp Element TSUBAKIMOTO CHAIN	PL035X047TF	1
32	74561621 6597151 A	Collar		1
33	74388295 6597119 A	Bearing Retainer		1
34	74183704 P330250007	Hex Socket Cap Screw	M12X40	4
35	74571254 P400014026	Deep Groove Ball Bearing NTN	6207ZZ	1
36	74183430 P406108051	Locating Snap Ring OCHIAI	STW-35	1

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74812437 3830223	Drive BR Housing B		1
38	74183661 P330250017	Hex Socket Cap Screw	M12X90	2
39	74702340 P580208001	Plug for Piping GOSHO Works	GM-1/8	2
40	74810070 P225148110	Synchronous Belt TSUBAKIMOTO CHAIN	1000UP8M60-HC	1
41	74389155 7830406 A	Pulley TSUBAKIMOTO CHAIN	32P8M60AF-S635	1
42	74402835 CE03450---	X Motor Bracket		1
43	74731349 P330460004	Flange Socket Bolt NISSAN NEJI	M12X35	6
44	74569708 6820302	X-axis Motor Plate		1
45	74183656 P330250005	Hex Socket Cap Screw	M12X30	4
46	74183104 P336050008	Spring Washer JIS	12	4
47	74165310 0827014 B	Washer M12		4
48	74183656 P330250005	Hex Socket Cap Screw	M12X30	4

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74401949 7831427---	X-axis LM Guide		1
50	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	116
51	74389161 6598919	Stopper Piece		4
52	74300614 P330210004	Hex Socket Cap Screw JIS	M5X12	12
53	74569710 6820303	Tension Block		1
54	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
55	74183630 P330230012	Hex Socket Cap Screw	M8X50	1
56	74812439 3806928 A	Bearing Block 1		2
57	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	8
58	74387794 P330550107	Socket Set Screw MOURI	M6X40(Flat Point)	8
59	74812440 3806929 A	Bearing Block 2		2
60	74810075 3805336	Shaft Support		4

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74812441 3806930 A	Damper 4		2
62	74810077 3805359	Collar	D8	8
63	74300665 P330223005	Hex Socket Cap Screw SPS/UNBRAKO	M6X15	8
64	74159714 P336000005	Washer JIS	6(Normal)	8
65	74740020 3831570	Joint Plate		1
66	74314401 P330200015	Hex Socket Cap Screw	M4X10	8
67	74183601 P330200018	Hex Socket Cap Screw	M4X15	8
68	74740021 7835407	LM Guide THK	SHS15V2SSE/2QZSSE-2890LT with Index 69	1
69	74401950 S40000517-	Grease Nipple THK	PB1021B-8.5L	2
70	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	47
71	 CE03440---	Carriage Base ASSY		1
72	74563121 6598958	Collar S	D12	4

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74453420 3805390 A	Damper X	D140	1
74	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
75	74183027 P336000006	Washer JIS	8(Normal)	4
76	74402836 CE03452---	X-axis Nut Bracket		1
77	74183704 P330250007	Hex Socket Cap Screw	M12X40	6
78	74402837 CE03441---	Carriage ASSY		1
79	74183624 P330230008	Hex Socket Cap Screw	M8X30	24
80	74777015 P585536001	Bite Type Pipe Fitting AOI	MH-1041 (Male Connector)	5
81	74421304 6874314	Guide Plate 1250		2
82	74183621 P330230006	Hex Socket Cap Screw	M8X20	22
83	74389170 P337010124	Taper Pin	8X30(Inner Screw)	3
84	74183706 P330270005	Hex Socket Cap Screw	M20X50	17

Unit No. 399 Clamp Positioner <Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74415423 6826247	Washer M20		18
86	74569699 6812631	Reamer Bolt		1
87	74176714 P560600004	Grease Nipple	A-PT1/8	2
88	74402838 CE03442---	Guide Bracket		1
89	74453424 3831468	Jack Bolt		4
90	74304912 P330230020	Hex Socket Cap Screw	M8X90	4
91	74183027 P336000006	Washer JIS	8(Normal)	4
92	74776800 P332000011	Nut JIS	M24	4
93	74402839 CE03443---	Support Plate		1
94	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	3

< List Only >

CE03403---

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03403---	C/P Slide ASSY	Index 2-98	1
2	74402840 CE03455---	Clamp Bar Bracket F2		1
3	74570197 P337104017	Locating Pin MISUMI	JPDTA8-12	1
4	74159712 P330230018	Hex Socket Cap Screw	M8X80	2
5	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
6	74402841 CE03456---	Clamp Bar Bracket R2		1
7	74159712 P330230018	Hex Socket Cap Screw	M8X80	2
8	74402842 CE03457---	Clamp Bar Bracket F1		1
9	74159712 P330230018	Hex Socket Cap Screw	M8X80	2
10	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
11	74402843 CE03458---	Clamp Bar Bracket R1		1
12	74159712 P330230018	Hex Socket Cap Screw	M8X80	2

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
14	74402844 CE03468---	Clamp Bar F		1
15	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
16	74812452 3808086 A	Clamp Bar CF		1
17	74183631 P330230014	Hex Socket Cap Screw	M8X60	3
18	74402845 CE03469---	Clamp Bar CR		1
19	74183631 P330230014	Hex Socket Cap Screw	M8X60	3
20	74402846 CE03470---	Clamp Bar R		1
21	74183631 P330230014	Hex Socket Cap Screw	M8X60	2
22	74534421 P337020045	Parallel Pin JIS	A-8X20	3
23	74570203 P337104018	Locating Pin MISUMI	JPDS8-8	3
24	74402847 7831441---	LM Guide		1

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74314401 P330200015	Hex Socket Cap Screw	M4X10	6
26	74183601 P330200018	Hex Socket Cap Screw	M4X15	86
27	74402848 CE03471---	Fixed Hose Guide		1
28	74183620 P330230004	Hex Socket Cap Screw	M8X15	6
29	74402849 7831442---	C/P Cable Carrier 1 TSUBAKIMOTO CHAIN		1
30	74183302 P334500013	Button Head Screw	M6X10	8
31	74575246 P381058097	Cable Band KITAGAWA	SKB-4M	10
32	74812457 3808102 B	Fixed Hose Guide Bracket		1
33	74776777 P330468018	Flange Socket Bolt NISSAN NEJI	M8X12	4
34	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
35	74902524 MA03401---	Manifold 2		1
36	74183631 P330230014	Hex Socket Cap Screw	M8X60	3

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74379853 P586564015	One Touch Fitting NITTA MOORE	EUL6	2
38	74183603 P330200023	Hex Socket Cap Screw	M4X30	1
39	74379550 P586564016	One Touch Fitting NITTA MOORE	EUL10	1
40	74722952 P586563010	One Touch Fitting SMC	KQL08-02S (Elbow Union)	1
41	74314402 P330200022	Hex Socket Cap Screw	M4X25	1
42	74903300 P580022039	Nipple IHARA Science	SNP02-000F	4
43	74162525 P589026008	Quick Connect Joint NITTO KOHKI	2HP	1
44	74813177 P589026102	Quick Connect Joint NITTO KOHKI	210-2P	1
45	74812471 P589026140	Quick Connect Joint NITTO KOHKI	280-2P	2
46	74812472 P589036024	Accessory (Quick Connect Joint) NITTO KOHKI	2HP(Cap)	1
47	74812473 P589036025	Accessory (Quick Connect Joint) NITTO KOHKI	210-2P(Cap)	1
48	74812474 P589036027	Accessory (Quick Connect Joint) NITTO KOHKI	280-2P(Cap)	2

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74570220 P589222202	Hose Adapter The Yokohama Rubber	1009-PT1/4-PF1/4	4
50	74402850 CE03498---	Manifold Upper		1
51	74402851 CE03499---	Manifold Middle		1
52	74402852 CE03500---	Manifold Lower		1
53	74564606 P330468038	Flange Socket Bolt NISSAN NEJI	M12X50	2
54	74570220 P589222202	Hose Adapter The Yokohama Rubber	1009-PT1/4-PF1/4	8
55	74812458 3808117	Duct X The Yokohama Rubber	N1766-1005-04-0.620M	1
56	74902541 MA03421---	Duct X2 The Yokohama Rubber	N1766-1005-04-0.625M	1
57	74812459 3808118	Duct Y The Yokohama Rubber	N1766-1005-04-0.625M	1
58	74812460 3808119	Duct Z The Yokohama Rubber	N1766-1005-04-0.625M	1
59	74402853 CE03444---	Duct B	PF1/4	1
60	74402854 CE03447---	Duct B2	PF1/4	1

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74402855 CE03445---	Duct C	PF1/4	1
62	74402856 CE03446---	Duct D	PF1/4	1
63	74402857 P580202001	Plug for Piping IHARA Science	SPA02-000J	4
64	74415719 P230222129	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-3.5M	2
65	74901996 3808091--C	Setting Plate F		1
66	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
67	74812465 3808092 B	Setting Plate R		1
68	74183621 P330230006	Hex Socket Cap Screw	M8X20	3
69	74402858 CE03448---	Hose Guide Support		1
70	74183631 P330230014	Hex Socket Cap Screw	M8X60	4
71	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
72	74413041 P330200014	Hex Socket Cap Screw	M4X8	4

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74402859 CE03472---	Hose Guide (Carriage Side)		1
74	74183653 P330250003	Hex Socket Cap Screw	M12X20	4
75	74388856 6576466	Pipe		4
76	74903122 P330038005	Bolt NISSAN NEJI	M8X60-10.9	4
77	74183027 P336000006	Washer JIS	8(Normal)	4
78	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2
79	74903312 P580202011	Plug for Piping IHARA Science	SPA01-000J	4
80	74570220 P589222202	Hose Adapter The Yokohama Rubber	1009-PT1/4-PF1/4	8
81	74379853 P586564015	One Touch Fitting NITTA MOORE	EUL6	3
82	74560391 P330200009	Hex Socket Cap Screw	M3X20	3
83	74569430 P586563168	One Touch Fitting SMC	KQ2L06-99	1
84	74903307 P580058074	Elbow MARUMA	RC1/4-R1/8	4

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74718726 P589026005	Quick Connect Joint NITTO KOHKI	1S-SUS	2
86	74718725 P589026039	Quick Connect Joint NITTO KOHKI	1S-SS400	2
87	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	2
88	74568665 P555007016	Air Flow Control Valve NITTA MOORE	ESU6	2
89	74776911 P381058035	Cable Band KITAGAWA	SKB-2M	10
90	74812469 3808105 B	LM Bracket		1
91	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
92	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
93	74812475 3808108	LM Bracket F		1
94	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
95	74413041 P330200014	Hex Socket Cap Screw	M4X8	4
96	74812479 3808109	Shim C/P		2

Unit No. 400 Clamp Positioner <C/P Slide ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74903245	Cable Band	KR8G5-5	1
	P381058160	Tyton		
98	74304938	Hex Socket Cap Screw	M5X8	1
	P330210002	JIS		

< List Only >

CE03404---

Unit No. 401 Clamp Positioner <C/P Cable Carrier ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03404---	C/P Cable Carrier ASSY	Index 2-51	1
2	CE03490---	Junction Box CC ASSY		1
3	3807970 B	Junction Box CT ASSY		1
4	74570232 7832866	C/P Cable Carrier 2 TSUBAKI	TKP0320-2B-R50-43L	2
5	74163306 P334500008	Button Head Screw JIS	M5X8	8
6	74570233 6820630	Duct A	N1764-1005-1001-1.86	1
7	74570234 6820631	Duct AA	N1764-1005-1001-1.86	1
8	74902688 MA04998---	Duct A2	N1764-1005-1001-1.86	1
9	74902689 MA04999---	Duct AA2	N1764-1005-1001-1.86	1
10	74381905 P230222086	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-2.2M	2
11	74453427 3808106 A	Bracket Cap Flex 1		1
12	74309804 P330220017	Hex Socket Cap Screw	M6X55	2

Unit No. 401 Clamp Positioner <C/P Cable Carrier ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74453428 3808107 A	Bracket Cap Flex 2		1
14	74309804 P330220017	Hex Socket Cap Screw	M6X55	2
15	74402860 CE03492---	Cable CC-1-CCM (+1)		1
16	74902550 MA03432---	Cable CT-1		1
17	74902522 MA03399---	Cable CL-1		1
18	74902523 MA03400---	Cable CL-2		1
19	74300612 P330200001	Hex Socket Cap Screw	M3X6	2
20	74570262 P336000086	Washer JIS	3(Normal)	2
21	74812489 6820609 A	Proximity Switch	with Index 22	1
22	74402861 P829003092	Proximity Switch YAMATAKE	FL2S-4J6SD SQ93	1
23	74812490 3807968 A	LS Bracket F		1
24	74183620 P330230004	Hex Socket Cap Screw	M8X15	2

Unit No. 401 Clamp Positioner <C/P Cable Carrier ASSY>

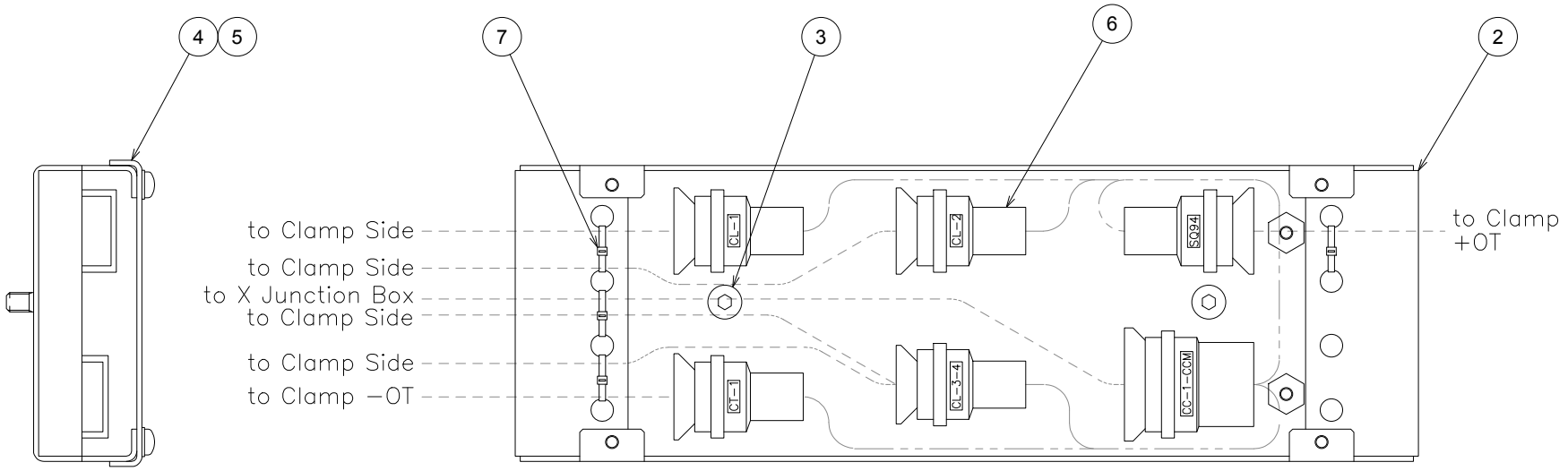
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74903174 P336238564	Washer MISUMI	SPGMC25-12-6	1
26	74903173 P336238541	Washer MISUMI	WSSB25-6-2	1
27	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	1
28	74902015 3832655	Proximity Switch Bracket (+XOT)	F22X6	1
29	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	2
30	74812491 3807969 A	LS Bracket R		1
31	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
32	74812492 3807976	Proximity Switch (+XOT)		1
33	74731152 P829003034	Proximity Switch YAMATAKE	FL7M-3K6H(2M)	1
34	74569160 7420747	Bracket 1		1
35	74569161 7420748	Bracket 2		1
36	74776826 P334500007	Button Head Screw JIS	M5X6	6

Unit No. 401 Clamp Positioner <C/P Cable Carrier ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74812493 6825082	Insulating Plate		1
38	74812494 6825083	Adjust Plate		2
39	74387264 6594104	Dog Proximity Switch		1
40	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
41	74569040 P381017110	Saddle for Conduit DAIWA DENGYO	PZ0108(D6.2)	10
42	74383352 P330210001	Hex Socket Cap Screw MOURI	M5X6	10
43	74402862 CE03493---	Cable CL-3-4		1
44	74902543 MA03423--A	Connector Bracket		1
45	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
46	74900668 P586533105	One Touch Fitting SMC	KQ2E06-01	1
47	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
48	74902548 MA03428---	Wiring Cover 2		1

Unit No. 401 Clamp Positioner <C/P Cable Carrier ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
50	74569040 P381017110	Saddle for Conduit DAIWA DENGYO	PZ0108(D6.2)	3
51	74776743 P330220003	Hex Socket Cap Screw	M6X10	3

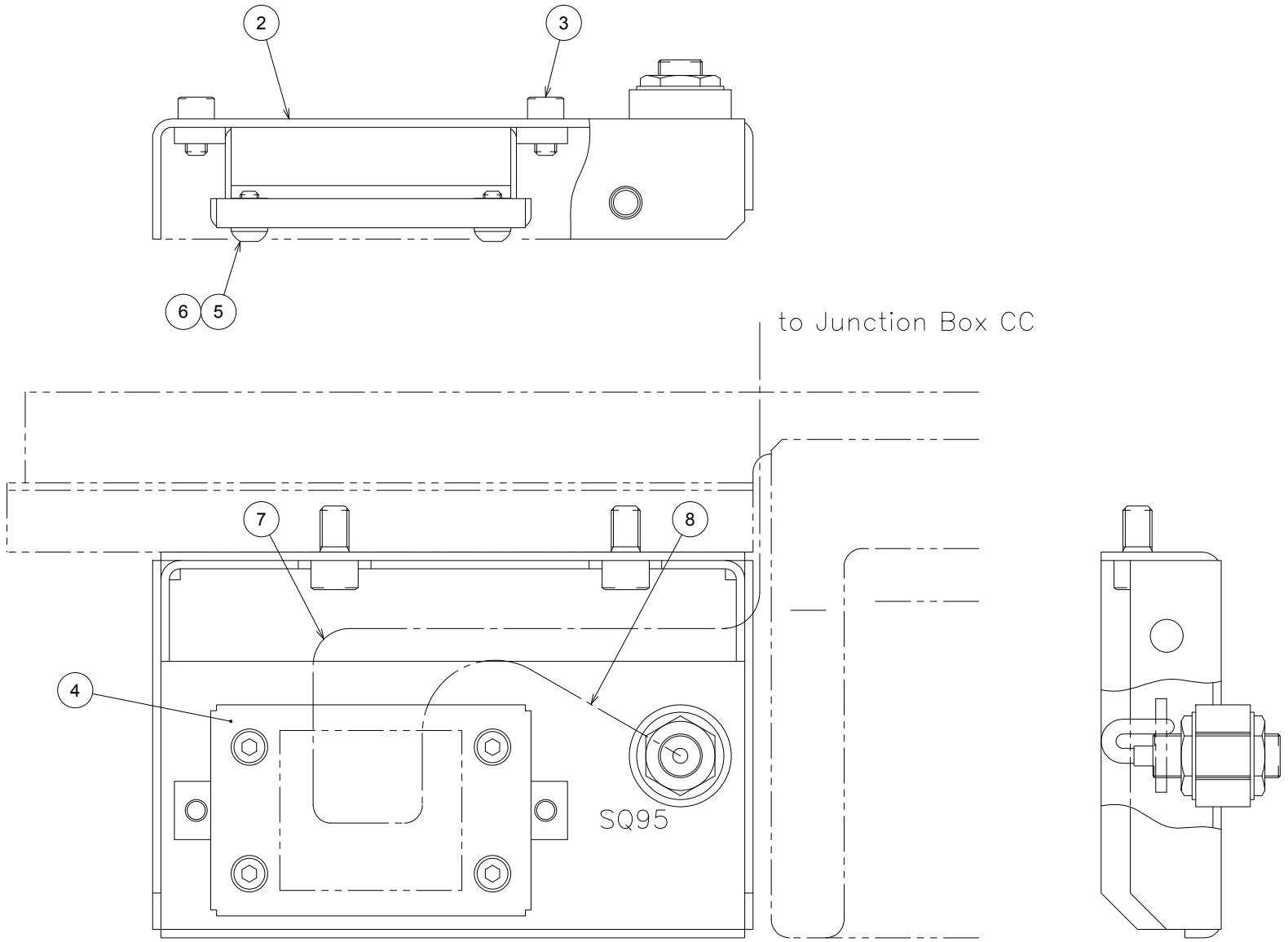


(1) Junction Box CC ASSY

CE03490---

Unit No. 402 Clamp Positioner <Junction Box CC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03490---	Junction Box CC ASSY	Index 2-7	1
2	74812498 6816232	CC Junction Box		1
3	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
4	74812499 6816233	CC Junction Box Cover		1
5	74569457 P334200114	Sems Pan Head Screw SANKO Industry	M4X8(Chromate P-4)	4
6	74402863 CE03491---	Cable CCM (+1)		1
7	74571460 P381058056	Cable Band KITAGAWA	SKB-3M	4



(1) Junction Box CT ASSY

3807970 B

Unit No. 403 Clamp Positioner <Junction Box CT ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3807970 B	Junction Box CT ASSY	Index 2-8	1
2	74812502 3807971 A	Junction Box CT		1
3	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
4	74812503 3807975	Junction Box CT Cover		1
5	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
6	74183023 P336000004	Washer JIS	5(Small Round)	4
7	74310422 P381058011	Cable Band SHIBAKEI	CV-100N	3
8	74382938 P869150001	Terminal JIS	CE-1	2

< List Only >

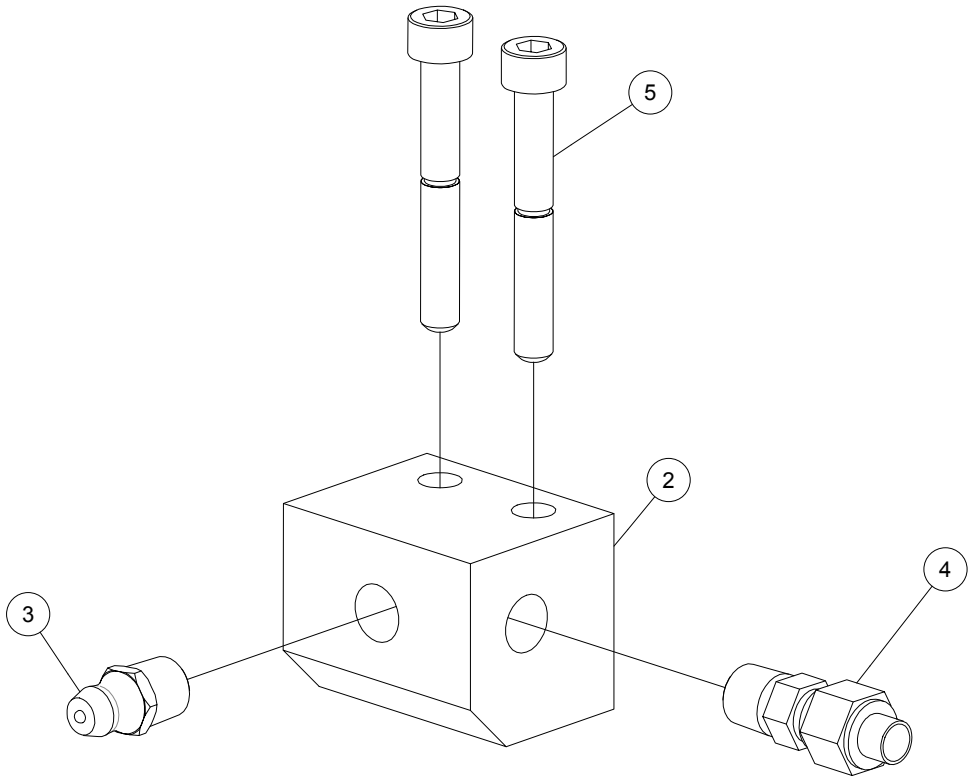
CE03405---

Unit No. 404 Clamp Positioner <C/P Slide Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03405---	C/P Slide Lubrication ASSY	Index 2-16	1
2	MA06713---	Lubrication Block C/B ASSY		1
3	3830292	Block C/R ASSY		1
4	74810084 P230213027	Plastic Hose JUNKOSHA	AS1100-04(White)-5M	1
5	74575264 P230213033	Plastic Hose JUNKOSHA	AS1100-04(White)-1.7M	1
6	74575263 P230213034	Plastic Hose JUNKOSHA	AS1100-04(White)-1.2M	1
7	74575262 P230213035	Plastic Hose JUNKOSHA	AS1100-04(White)-0.7M	1
8	74563689 P381017105	Saddle for Conduit DAIWA DENGYO	PZ0106(D6.2)	9
9	74776743 P330220003	Hex Socket Cap Screw	M6X10	9
10	74776910 P381058026	Cable Band KITAGAWA	SKB-1M	11
11	74903074 P230223199	Plastic Hose JUNKOSHA	AS1100-06(White)-2.5M	2
12	74812504 3808123	Hose Cover 1		1

Unit No. 404 Clamp Positioner <C/P Slide Lubrication ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776743 P330220003	Hex Socket Cap Screw	M6X10	4
14	74402864 CE03465---	Hose Cover 2		1
15	74354330 P330230001	Hex Socket Cap Screw	M8X10	2
16	74903318 P585605031	Bite Type Pipe Fitting JUNKOSHA	PTU-4X2.5-BS	1

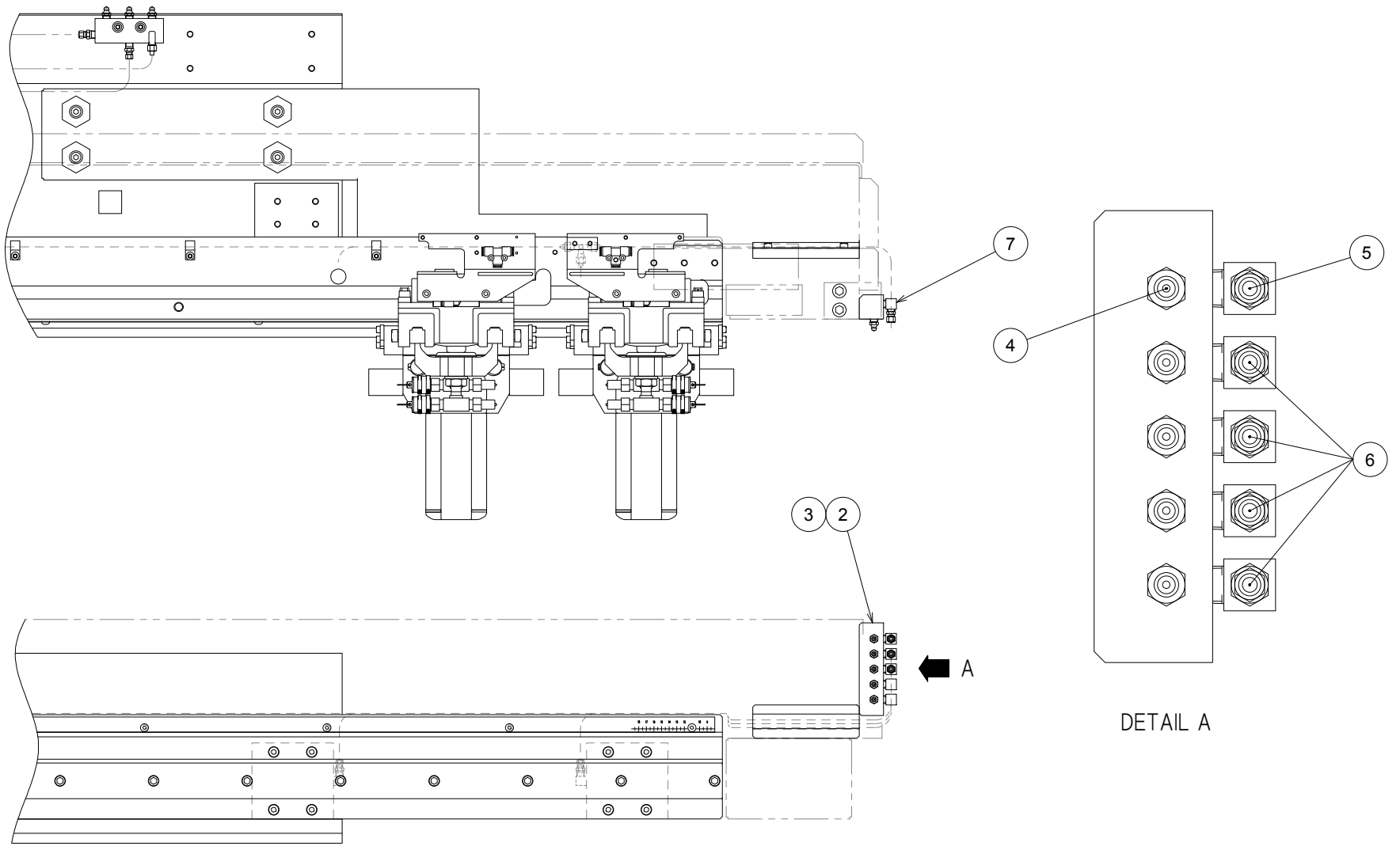


(1) Lubrication Block C/B ASSY

MA06713---

Unit No. 405 Clamp Positioner <Lubrication Block C/B ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Lubrication Block C/B ASSY		1
	MA06713---		Index 2-5	
2	74568682	Lubrication Block C/B		1
	6820596			
3	74176714	Grease Nipple	A-PT1/8	1
	P560600004			
4	74777012	Bite Type Pipe Fitting	PN-6X4-PT1/8-BS	1
	P585535004	JUNKOSHA		
5	74183617	Hex Socket Cap Screw	M6X45	2
	P330220015			

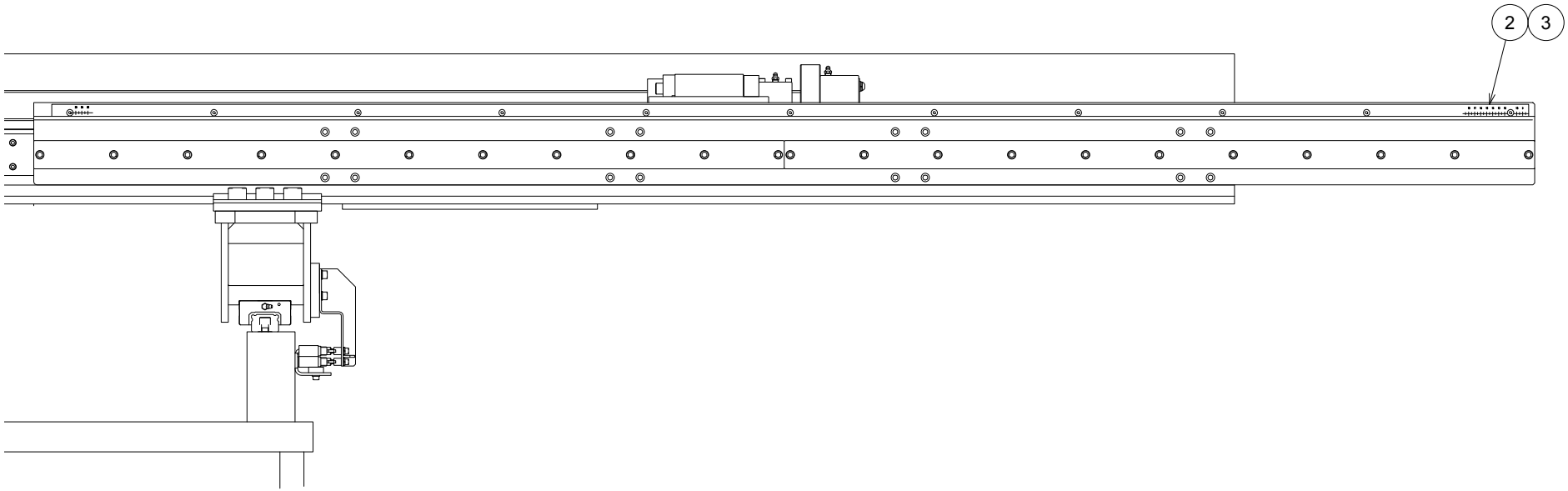


(1) Block C/R ASSY

3830292
(3830290---)

Unit No. 406 Clamp Positioner <Block C/R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Block C/R ASSY		1
	3830292		Index 2-7	
2	74812508	Lubrication Block C/R		1
	3808122 B			
3	74183615	Hex Socket Cap Screw	M6X35	2
	P330220013			
4	74173415	Grease Nipple	C-PT1/8	5
	P560600007	KURITA		
5	74777012	Bite Type Pipe Fitting	PN-6X4-PT1/8-BS	1
	P585535004	JUNKOSHA		
6	74777014	Bite Type Pipe Fitting	PN-4X2.5-PT1/8-BS	4
	P585535020	JUNKOSHA		
7	74366318	Elbow	DAV-01-01	5
	P580056001	AOI		

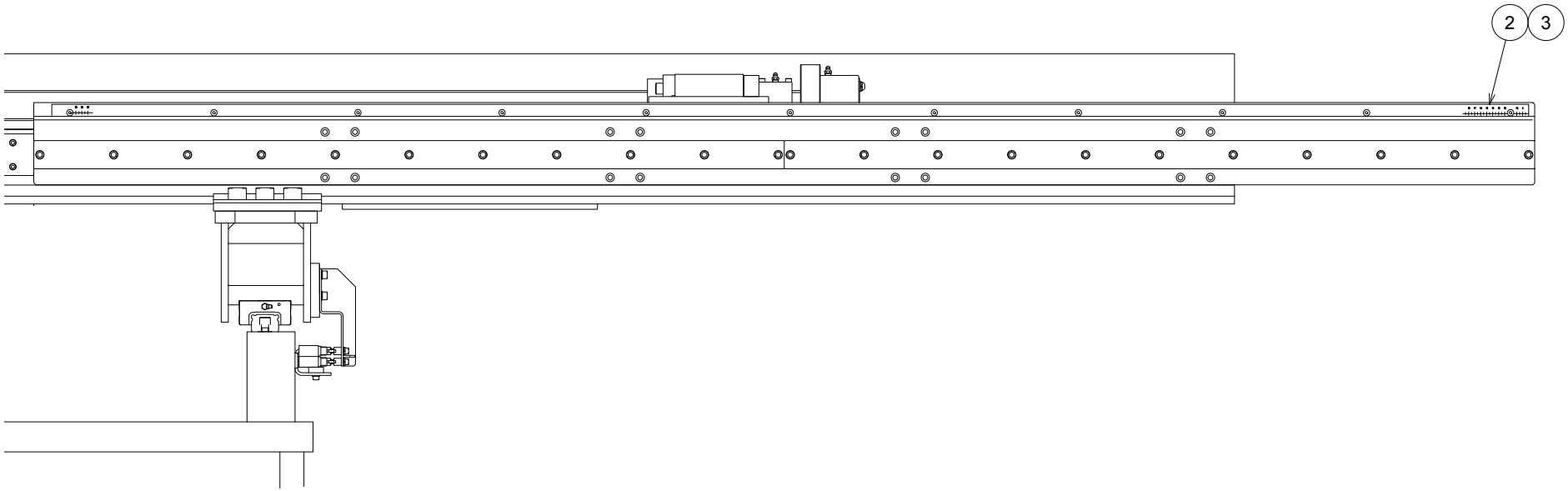


(1) Scale ASSY C/P

6822708
(3830286#1F)

Unit No. 407 Clamp Positioner <Scale ASSY C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Scale ASSY C/P		1
	6822708		Index 23	
2	74569714	Scale 2500 (mm)		1
	6820549			
3	74183302	Button Head Screw	M6X10	11
	P334500013			

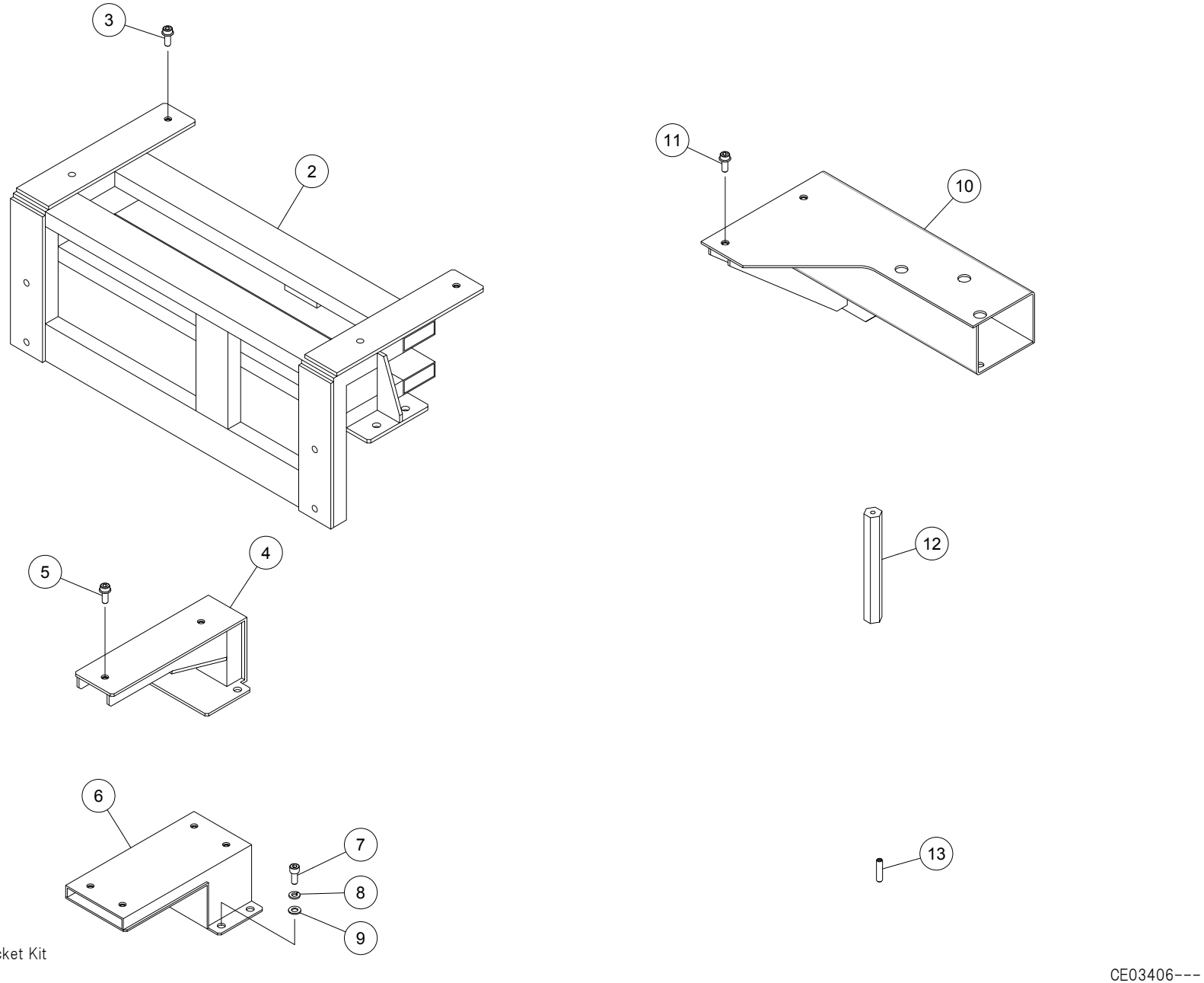


(1) Scale ASSY C/P

6825074
(3830286#1F)

Unit No. 408 Clamp Positioner <Scale ASSY C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Scale ASSY C/P		1
	6825074		Index 23	
2	74812446	Scale 2500 (Inch)		1
	6825084			
3	74183302	Button Head Screw	M6X10	11
	P334500013			



1 Carriage Cover Bracket Kit

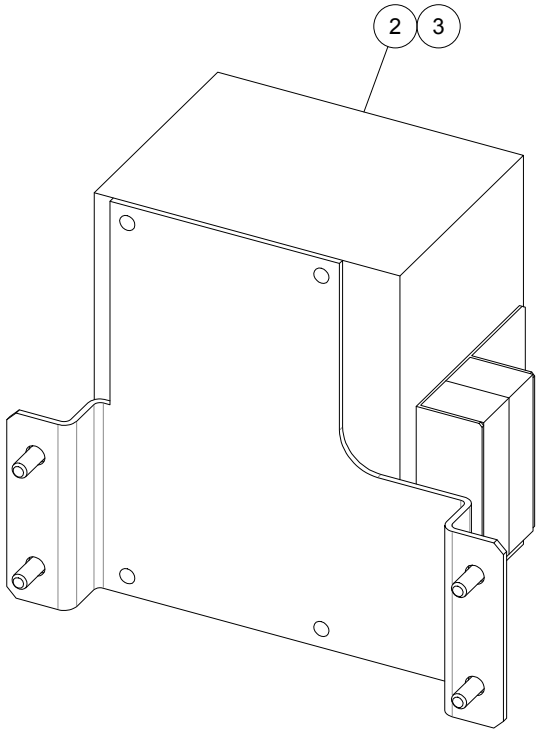
CE03406---

Unit No. 409 Clamp Positioner <Carriage Cover Bracket Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03406---	Carriage Cover Bracket Kit	Index 2-13	1
2	74812531 3807977 A	Cover Bracket F1		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74812532 3808110	Cover Bracket G		1
5	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	2
6	74810030 3806998	Cover Bracket B		2
7	74183621 P330230006	Hex Socket Cap Screw	M8X20	8
8	74183103 P336050006	Spring Washer JIS	8	8
9	74183027 P336000006	Washer JIS	8(Normal)	8
10	74402865 CE03482---	Cover Bracket R-1		1
11	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	3
12	74402866 CE03494---	Stud 175		1

Unit No. 409 Clamp Positioner <Carriage Cover Bracket Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74314812	Socket Set Screw	M8X35(Flat Point)	1
	P330550045	JIS		

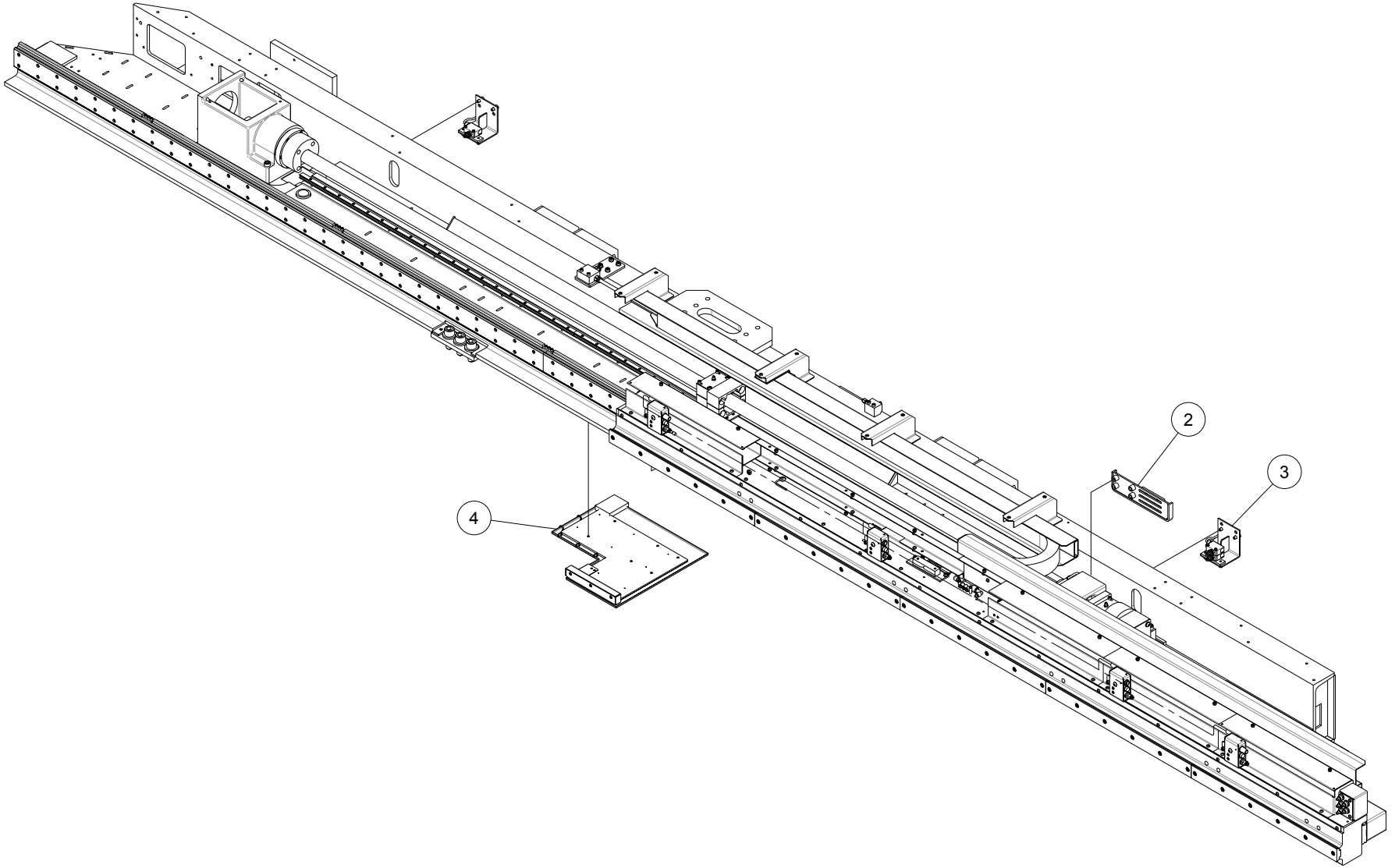


(1) X Junction Box ASSY

7835584---

Unit No. 410 Clamp Positioner <X Junction Box ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA01482---	X Junction Box ASSY 	 Index 23	1
2	74401705 7835584---	X Junction Box ASSY SANKO Electronics	 	1
3	74401707 7856155---	NEMLX Board SANKO Electronics	 	1

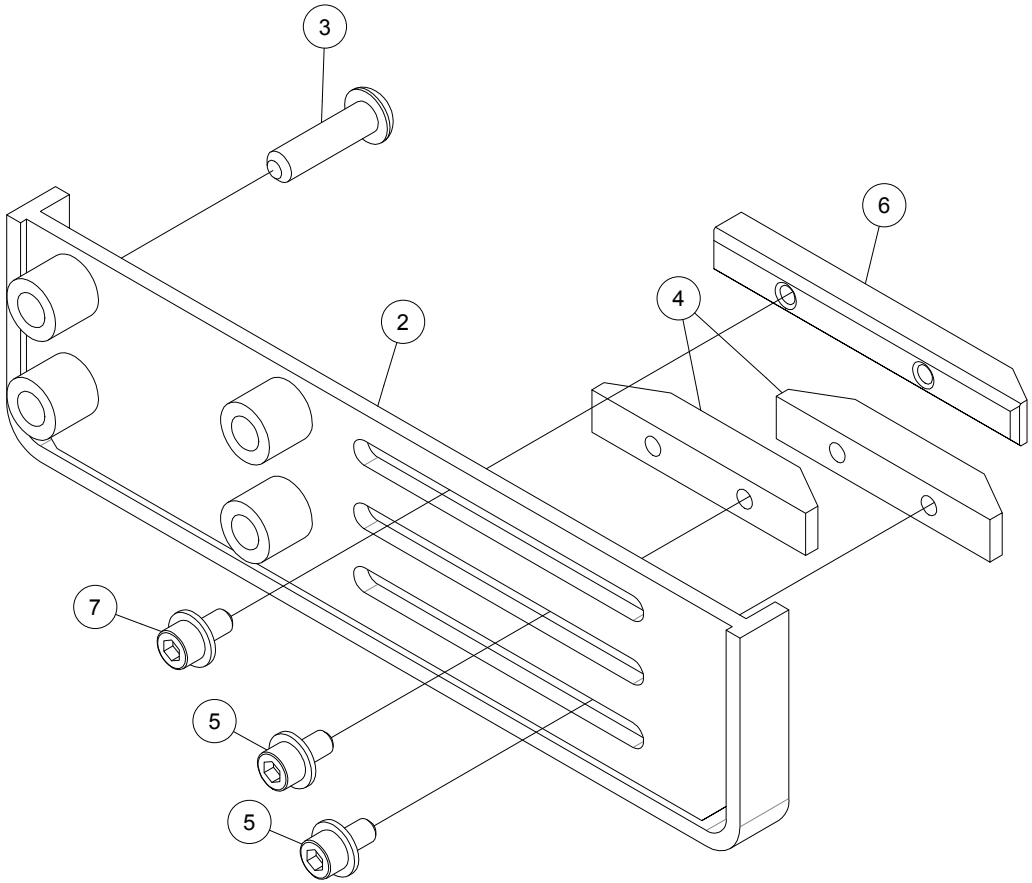


1 Carriage Base Electric ASSY

CE03407---
(MA06840---)

Unit No. 411 Clamp Positioner <Carriage Base Electric ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03407---	Carriage Base Electric ASSY	Index 2-8	1
2	3830226	X-axis Dog Bracket ASSY		1
3	CE03502---	X-axis LS ASSY		1
4	CE03505---	Override Detection ASSY		1
5	74402867 CE03449---	X Junction Box Bracket	List Only	2
6	74183620 P330230004	Hex Socket Cap Screw	M8X15 List Only	2
7	74183624 P330230008	Hex Socket Cap Screw	M8X30 List Only	3
8	74402868 CE03508---	Cable X-4	List Only	1

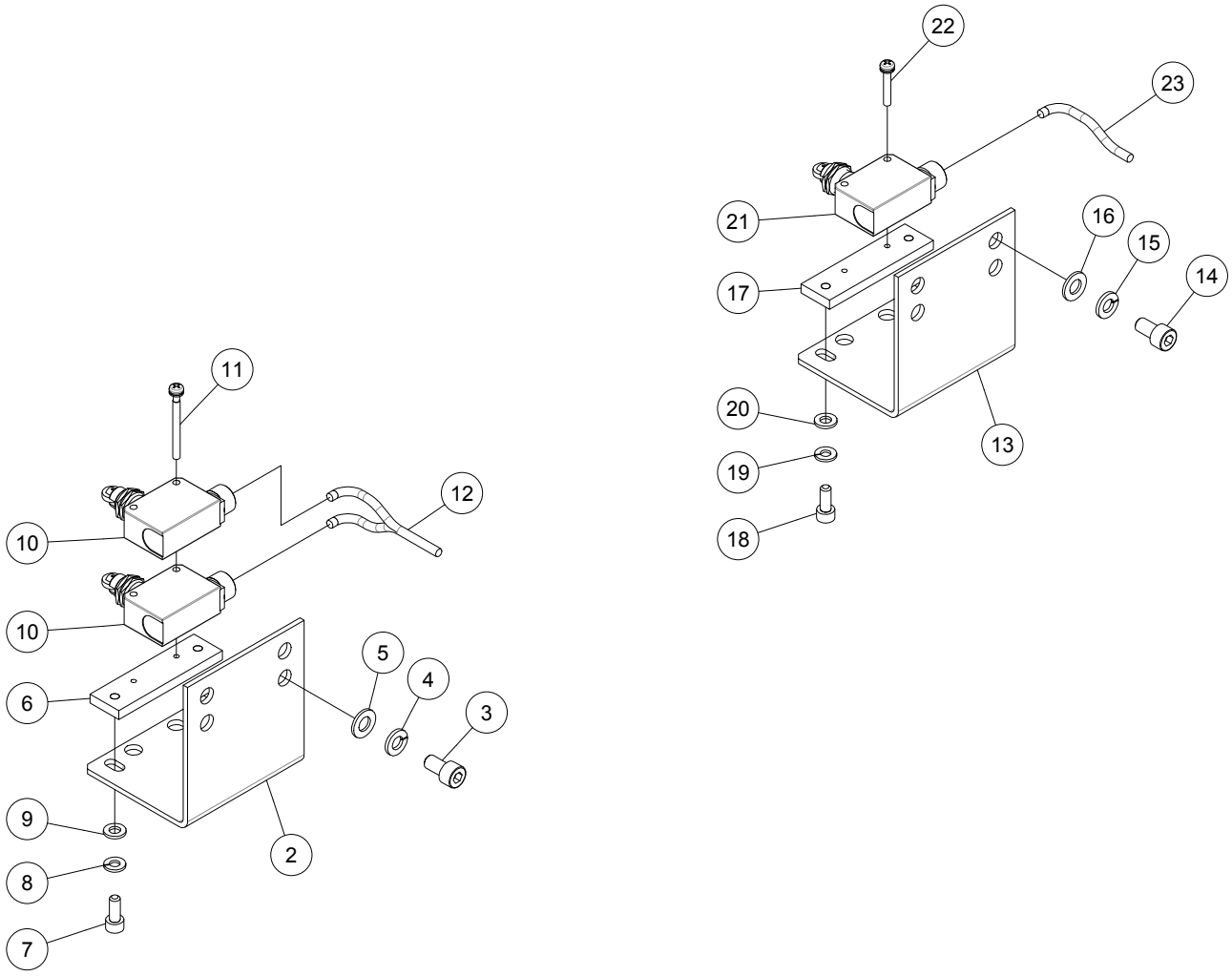


(1) X-axis Dog Bracket ASSY

3830226---

Unit No. 412 Clamp Positioner <X-axis Dog Bracket ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		X-axis Dog Bracket ASSY		1
	3830226		Index 2-7	
2	74810612	Dog Bracket X		1
	3805315			
3	74565073	Button Head Screw	M8X35	4
	P334500063			
4	74306902	Dog OT		2
	0818707 A			
5	74388246	Hex Soc Cap Screw with Washer	GT-LA-M6X12	4
	P330498012	GOSHO Works		
6	74306908	Dog B		1
	0808516 A			
7	74388246	Hex Soc Cap Screw with Washer	GT-LA-M6X12	2
	P330498012	GOSHO Works		



(1) X-axis LS ASSY

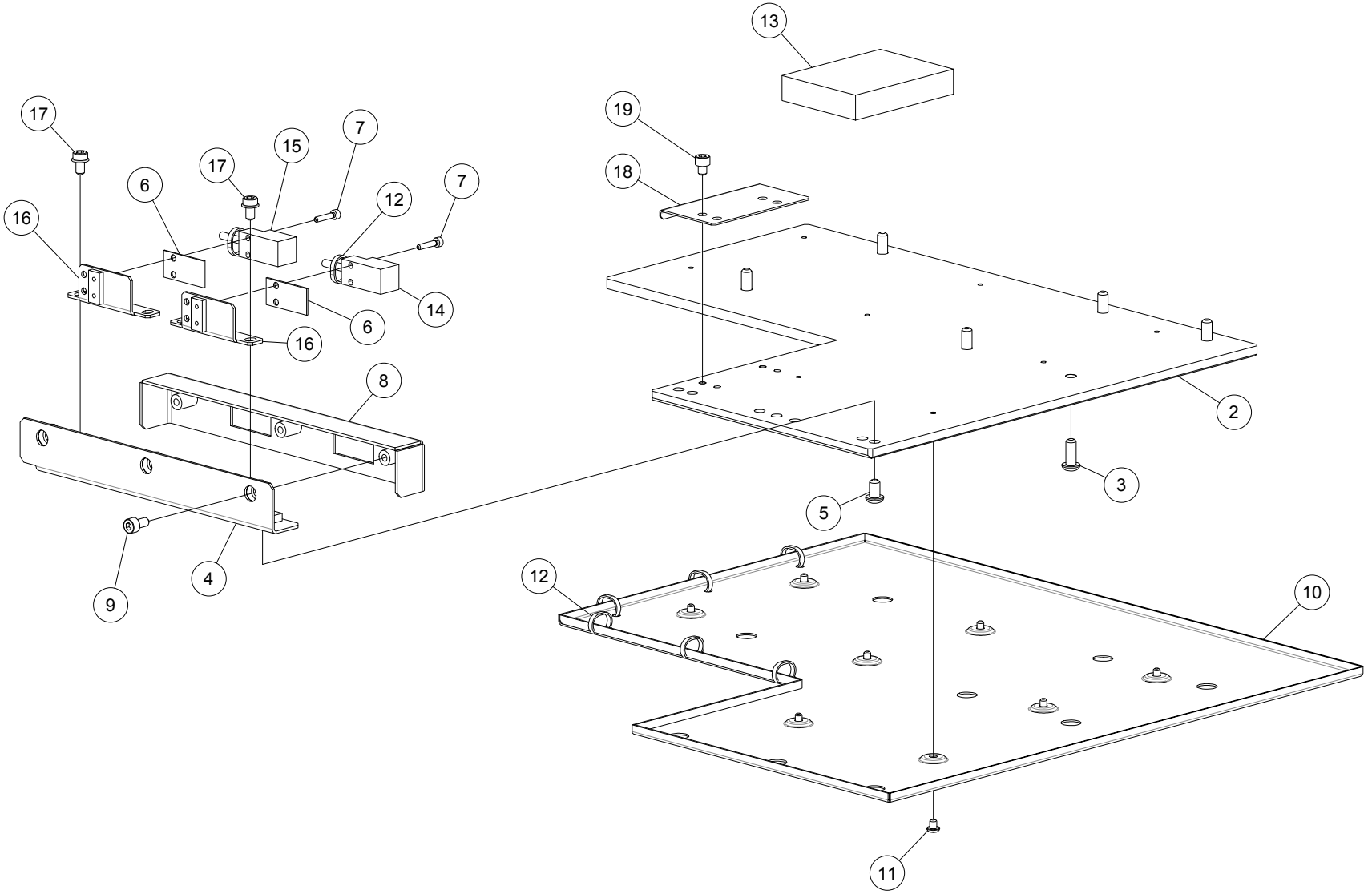
CE03502---
(MA01472---)

Unit No. 413 Clamp Positioner <X-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03502---	X-axis LS ASSY	Index 2-23	1
2	74810613 3805316	LS Bracket		1
3	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
4	74183103 P336050006	Spring Washer JIS	8	2
5	74183027 P336000006	Washer JIS	8(Normal)	2
6	74810614 3805319	LS Spacer		1
7	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
8	74178737 P336050005	Spring Washer JIS	6	2
9	74159714 P336000005	Washer JIS	6(Normal)	2
10	74332707 P828013004	Limit Switch YAMATAKE	SL1-A	2
11	74575296 P334200122	Sems Pan Head Screw SANKO Industry	M4X45(Chromate P-4)	2
12	74402869 CE03503---	Cable X-2		1

Unit No. 413 Clamp Positioner <X-axis LS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74810613 3805316	LS Bracket		1
14	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
15	74183103 P336050006	Spring Washer JIS	8	2
16	74183027 P336000006	Washer JIS	8(Normal)	2
17	74810614 3805319	LS Spacer		1
18	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
19	74178737 P336050005	Spring Washer JIS	6	2
20	74159714 P336000005	Washer JIS	6(Normal)	2
21	74332707 P828013004	Limit Switch YAMATAKE	SL1-A	1
22	74575297 P334200119	Sems Pan Head Screw SANKO Industry	M4X25(Chromate P-4)	2
23	74402870 CE03504---	Cable X-1		1



(1) Override Detection ASSY

CE03505---
(MA06849---)

Unit No. 414 Clamp Positioner <Override Detection ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03505---	Override Detection ASSY	Index 2-19	1
2	74400493 MA06861--A	Detection Plate Bracket		1
3	74183310 P334500015	Button Head Screw	M6X15	6
4	74812510 3809542 B	Sensor Bracket Base		1
5	74183302 P334500013	Button Head Screw	M6X10	3
6	74417342 6877900	Insulating Plate		2
7	74319101 P330200006	Hex Socket Cap Screw	M3X15	4
8	74812511 3809543 A	Sensor Cover		1
9	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
10	74400494 MA06862---	Cable Cover 1		1
11	74388461 P334500036	Button Head Screw JIS	M4X5	8
12	74776910 P381058026	Cable Band KITAGAWA	SKB-1M	12

Unit No. 414 Clamp Positioner <Override Detection ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74415636 6827507	Rubber Sponge		1
14	74402871 CE03506---	Cable X-5		1
15	74402872 CE03507---	Cable X-7		1
16	74812513 3809545 A	Sensor Bracket		2
17	74776778 P330468030	Flange Socket Bolt	M5X8 NISSAN NEJI	4
18	74400497 MA06863--A	Cable Cover 2		1
19	74383352 P330210001	Hex Socket Cap Screw	M5X6 MOURI	2

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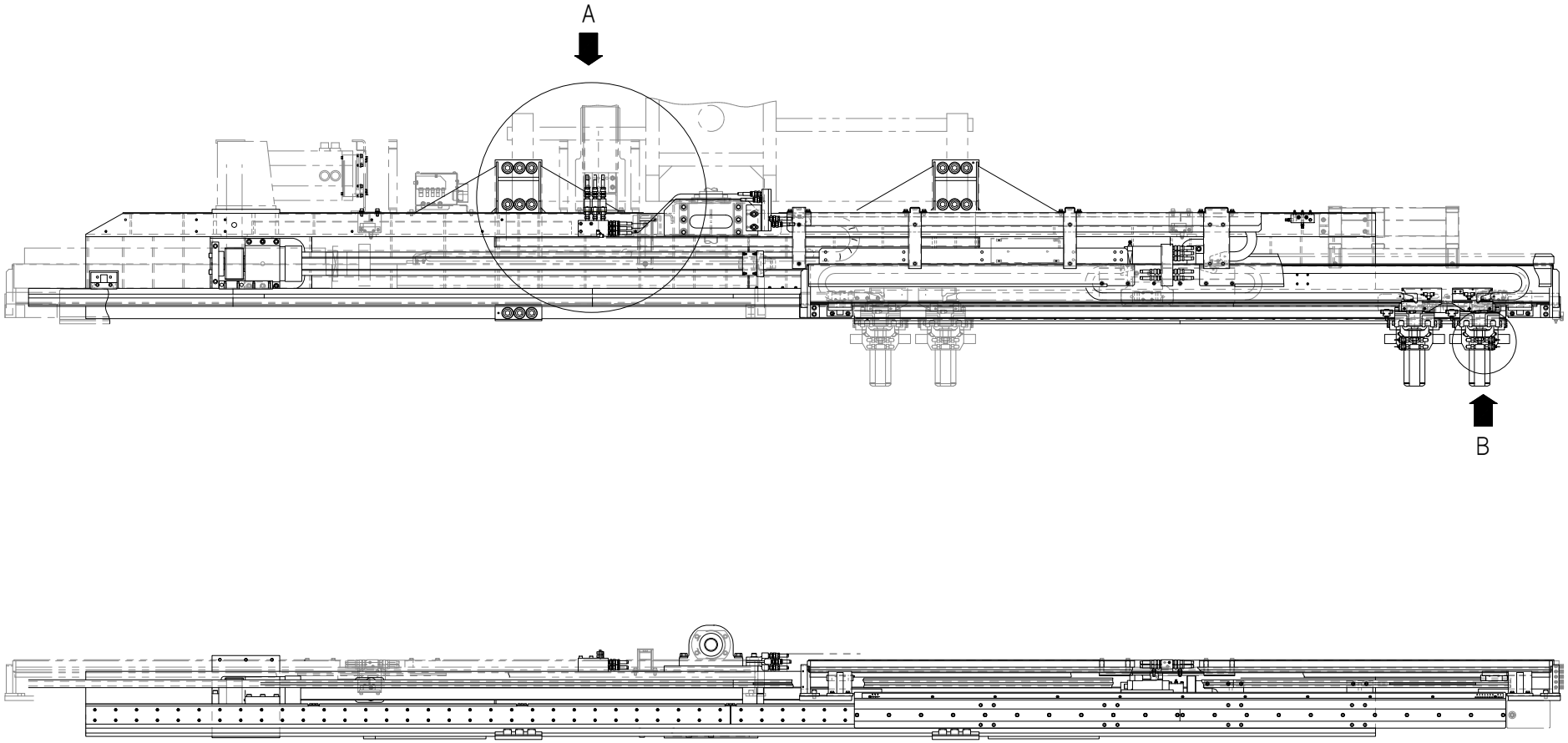
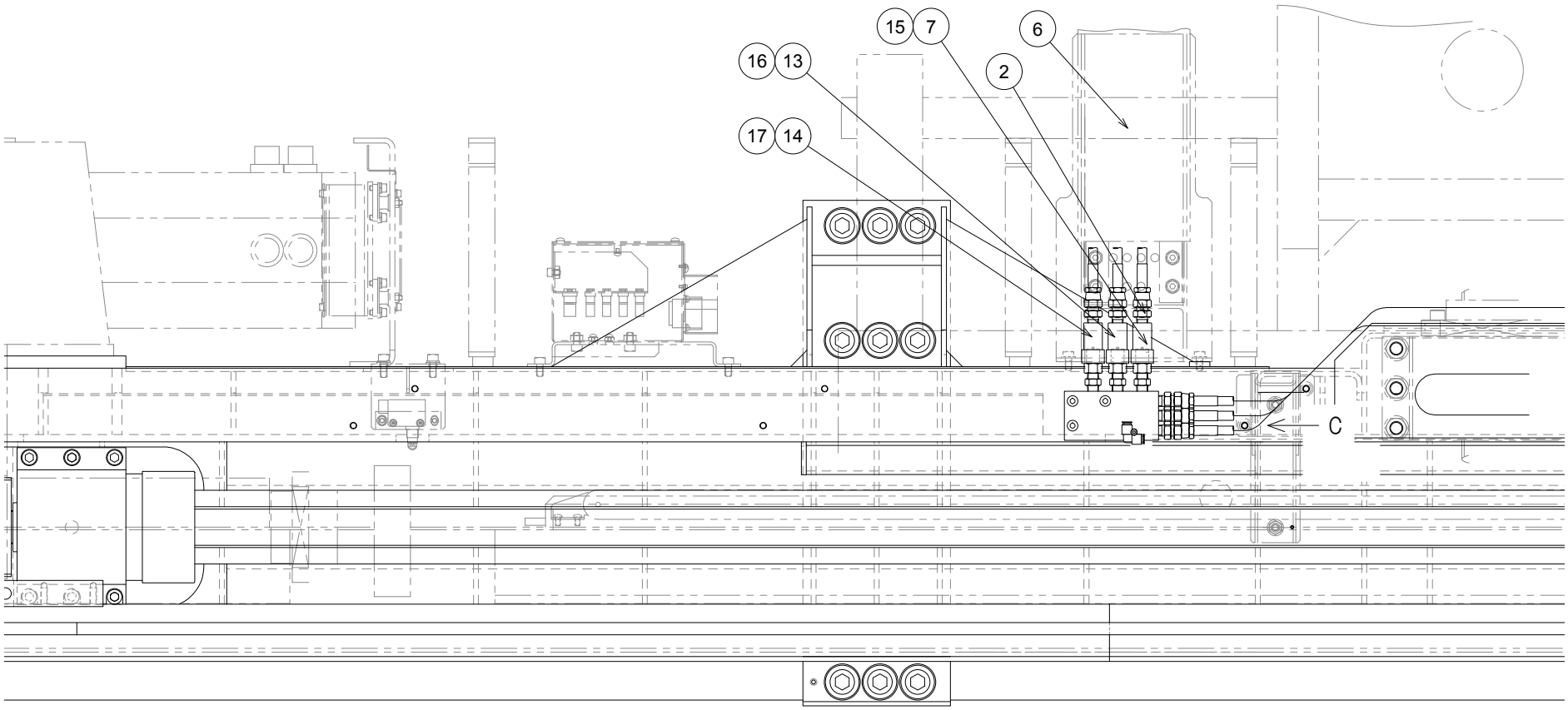


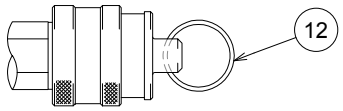
(1) Body Piping Parts

3830295
(3830287#2C)

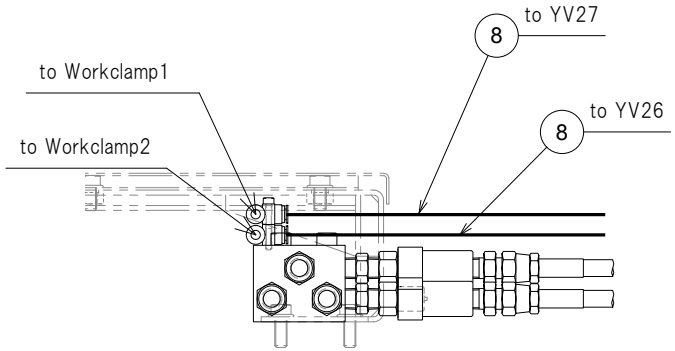


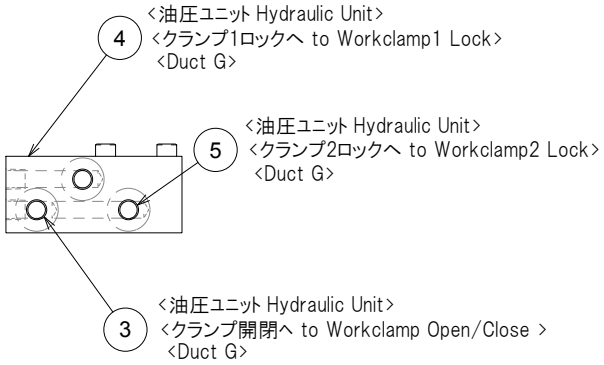
DETAIL A

3830295
(3830287#2C)

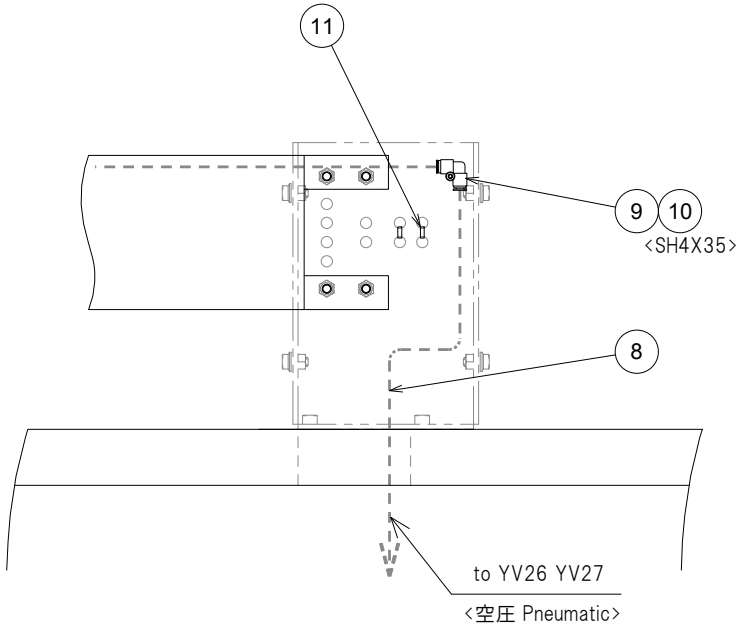


DETAIL B





VIEW C



DETAIL of Y-axis Duct

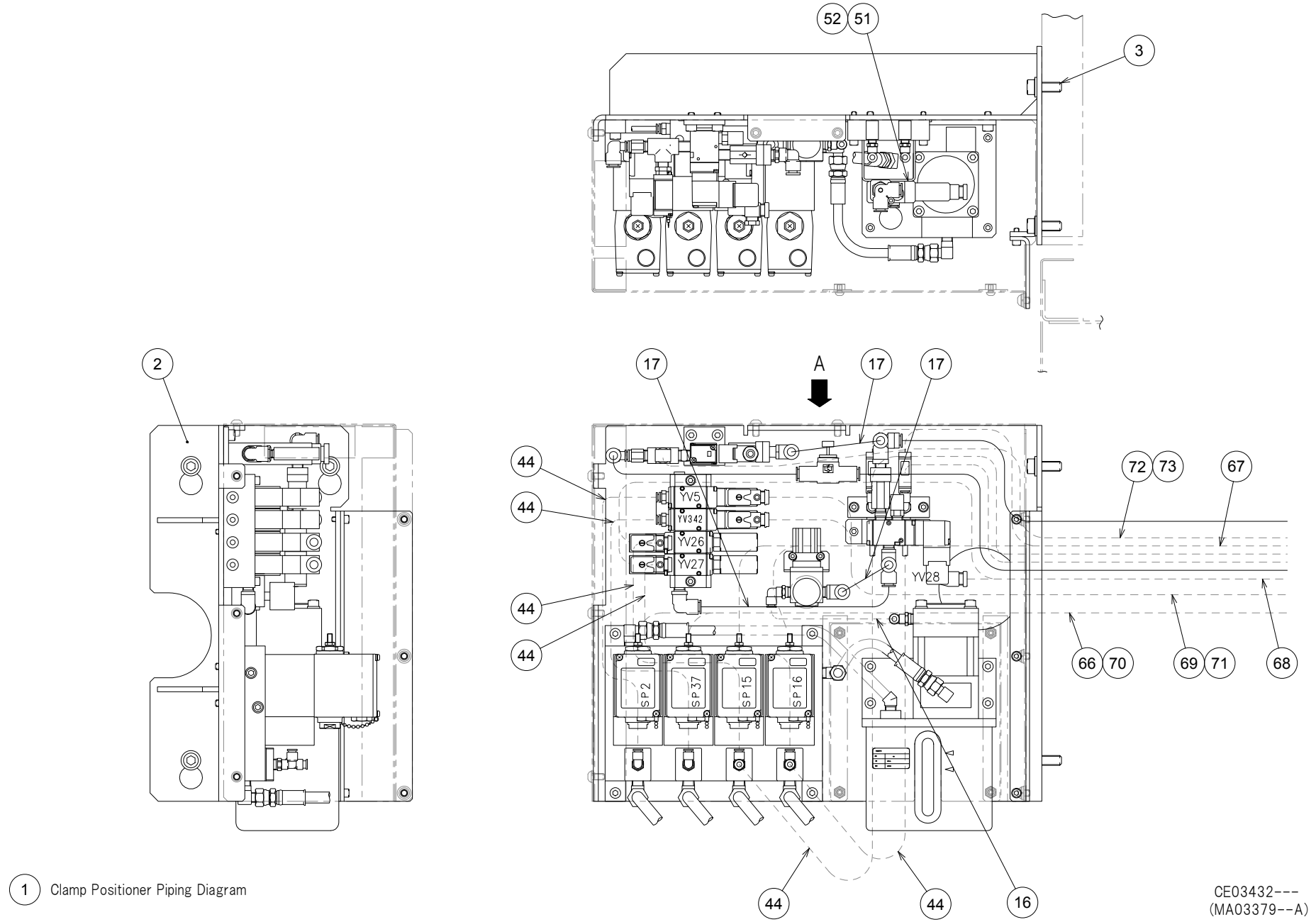
3830295
(3830287#2C)

Unit No. 415 Clamp Positioner <Body Piping Parts>

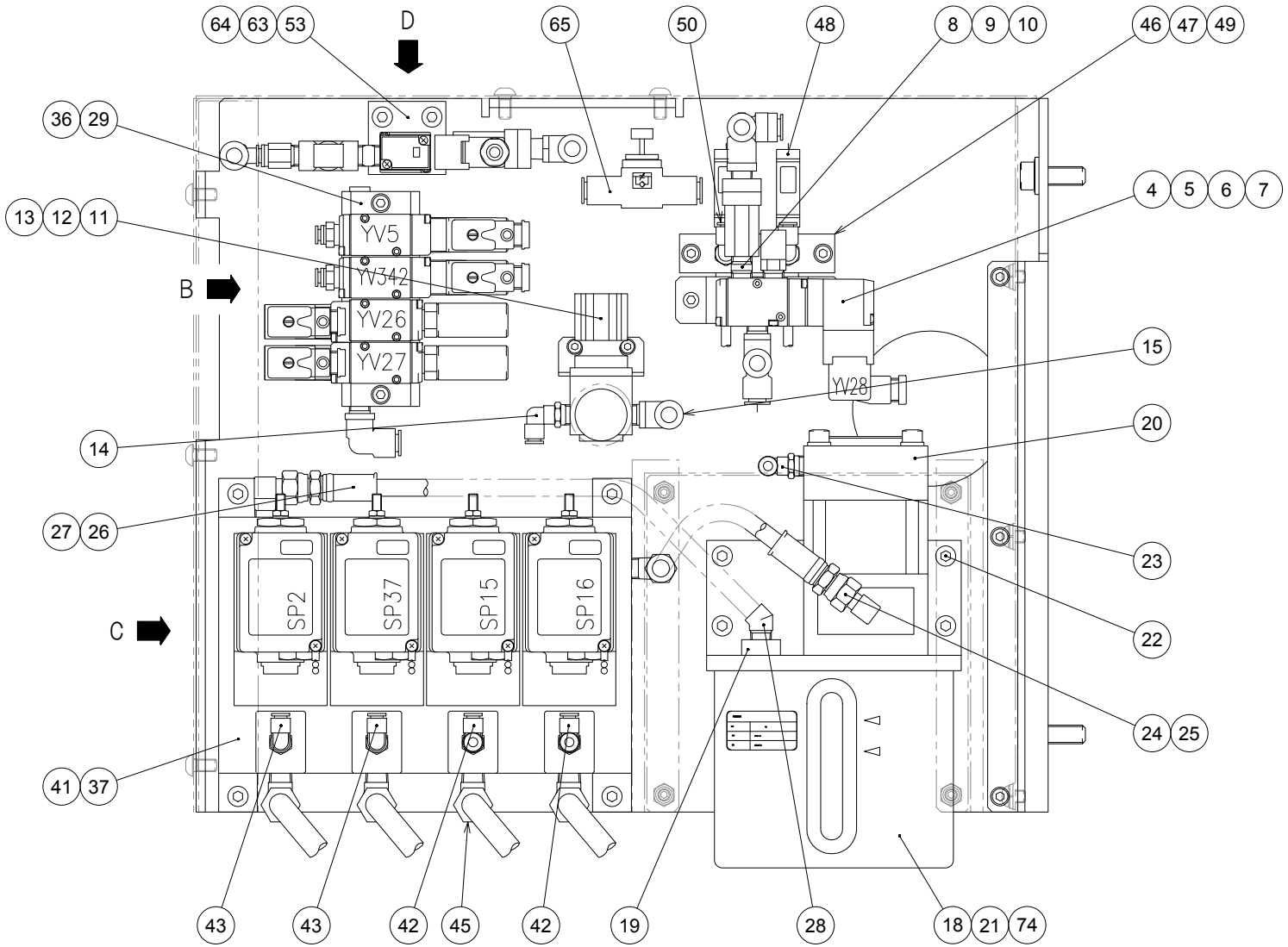
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830295	Body Piping Parts	Index 2-17	1
2	74570220 / P589222202	Hose Adapter / The Yokohama Rubber	1009-PT1/4-PF1/4	3
3	74570221 / 6820635	Duct H	N1766-1005-04-5.9M	1
4	74570222 / 6820636	Duct F	N1766-1005-04-5.9M	1
5	74570223 / 6820637	Duct G	N1766-1005-04-5.9M	1
6	74565259 / P230222089	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-2.5M	2
7	74162524 / P589026009	Quick Connect Joint / NITTO KOHKI	2HS	1
8	74570235 / P230222120	Plastic Hose / NITTA MOORE	U2-4-6X4(Black)-4M	2
9	74379853 / P586564015	One Touch Fitting / NITTA MOORE	EUL6	2
10	74300602 / P330200024	Hex Socket Cap Screw	M4X35	1
11	74776911 / P381058035	Cable Band / KITAGAWA	SKB-2M	2
12	74569432 / 7832924	Safety Cap SP / NITTO KOHKI	1P-SD-V0	4

Unit No. 415 Clamp Positioner <Body Piping Parts>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74812480 P589026103	Quick Connect Joint NITTO KOHKI	210-2S	1
14	74812481 P589026141	Quick Connect Joint NITTO KOHKI	280-2S	1
15	74812482 P589036023	Accessory (Quick Connect Joint) NITTO KOHKI	2HS(Cap)	1
16	74812483 P589036026	Accessory (Quick Connect Joint) NITTO KOHKI	210-2S(Cap)	1
17	74812484 P589036028	Accessory (Quick Connect Joint) NITTO KOHKI	280-2S(Cap)	1

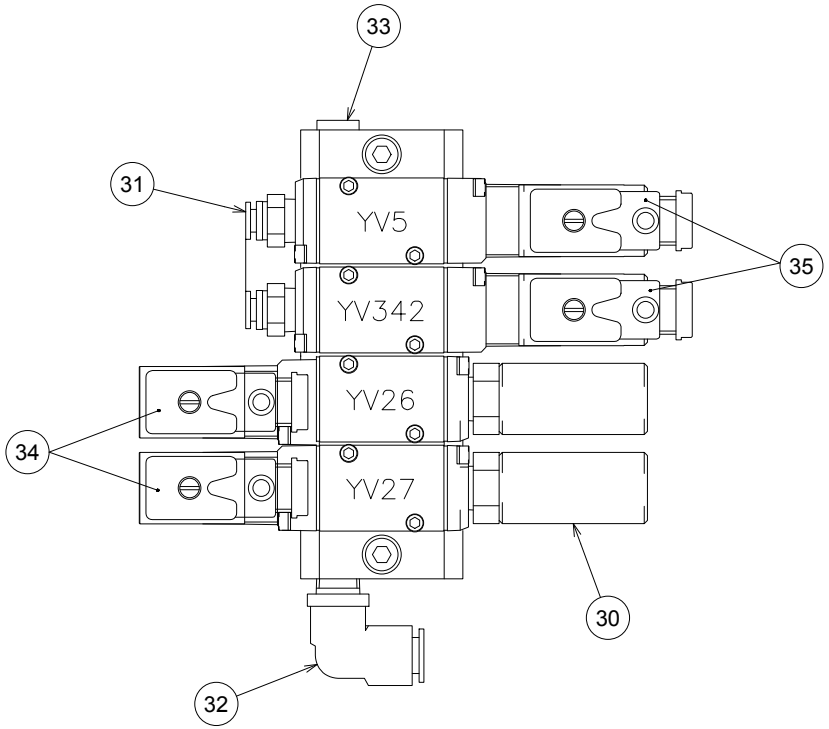


(1) Clamp Positioner Piping Diagram

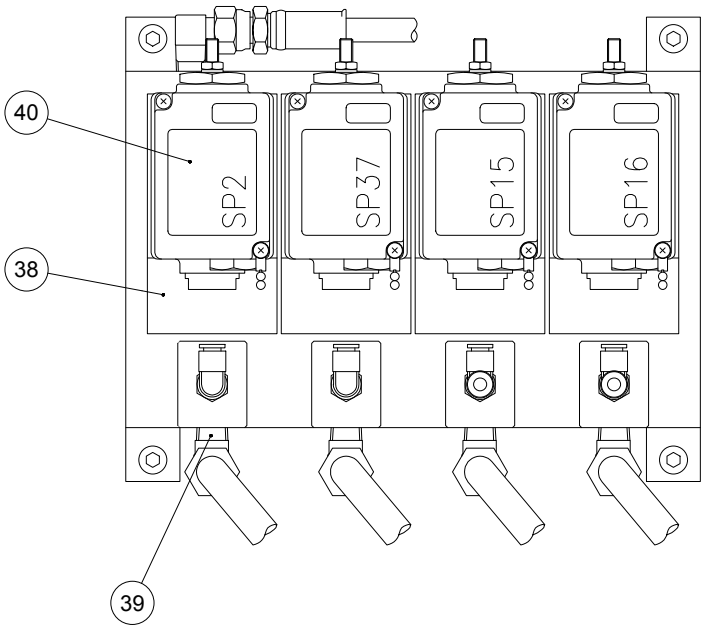


DETAIL A

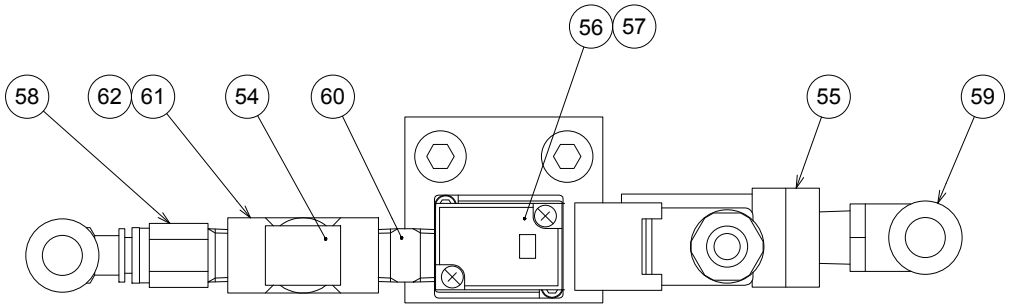
CE03432---
(MA03379--A)



DETAIL B



DETAIL C



DETAIL D

CE03432---
(MA03379---)

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Clamp Positioner Piping Diagram		1
	CE03432---		Index 2-74	
2	74902532	C/P Unit Bracket		1
	MA03411--A			
3	74776779	Flange Socket Bolt	M12X30	3
	P330468033	NISSAN NEJI		
4	74387653	Air Directional Control Valve	VP342-5DZ-02B	1
	P556002180	SMC		
5	74377049	Hex Socket Cap Screw	M3X35	2
	P330200056	NISSAN NEJI		
6	74717447	Silencer	AN203-02	1
	P557032008	SMC		
7	74903328	One Touch Fitting	KQ2Y10-02S	1
	P586563174	SMC		
8	74175617	Nipple	1/4	1
	P580020002	JIS		
9	74722862	Air Check Valve	AK2000-02	1
	P553032001	SMC		
10	74903332	One Touch Fitting	KQ2D10-02S	1
	P586563291	SMC		
11	74416433	Regulator	AR20-02BG	1
	P553002081	SMC		
12	74314403	Hex Socket Cap Screw	M5X15	2
	P330210006			

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776840 P336000080	Washer	5(Normal)	2
14	74310044 P586564002	One Touch Fitting NITTA MOORE	EL6-PT1/4	1
15	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
16	74418153 P230222138	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.3M	1
17	74568657 P230242101	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-0.5M	3
18	74902122 7832010--F	Power Unit SR Engineering	FS60(3SR-67347) Index 19-21	1
19	74903263 P549038025	Air Breather (Filler Cap) KYOWA	KRM-AB2-F(Y)	1
20	74902983 SPT0209---	Pump Only SR Engineering	SR0614C-A2	1
21	74902984 SPT0210---	O Ring for Air Breather	P-18	1
22	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
23	74310044 P586564002	One Touch Fitting NITTA MOORE	EL6-PT1/4	1
24	74570246 6820639	Duct J	N1766-1005-04-0.26M	1

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74570247 P589222254	Hose Adapter The Yokohama Rubber	1034-PT1/4-PF1/4	2
26	74902533 MA03412---	Duct I	N1766-1005-04-0.36M	1
27	74570247 P589222254	Hose Adapter The Yokohama Rubber	1034-PT1/4-PF1/4	1
28	74570249 P589222275	Hose Adapter The Yokohama Rubber	1036-PT1/4-PF1/4	1
29	74902120 7831724---	4-station Solenoid Valve SMC	VV3P3-X504V Index 30-35	1
30	74175512 P557032005	Silencer SMC	AN200-02	4
31	74777031 P586533069	One Touch Fitting SMC	KQ2H06-02S	4
32	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
33	74613406 S420416---	Hex Socket Plug CKD	R1/4	1
34	74902989 SPT0215---	Solenoid Valve SMC	VP344K-5DZ1-A	2
35	74902990 SPT0216---	Solenoid Valve SMC	VP344K-5DZ1-B	2
36	74183617 P330220015	Hex Socket Cap Screw	M6X45	2

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
37	74902119 7831723---	Pascal Valve SR Engineering	VF-4P-JC76(3SR-86596 Index 38-40	1
38	74318913 P545058002	Non-leak Valve SR Engineering	APCO-5-A2(NO Type)	4
39	74903337 P589227001	Hose Adapter NITTA MOORE	090-4-4	4
40	74902988 SPT0214---	Pressure Switch SR Engineering	EF-07-49R-A1	4
41	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
42	74718727 P586604002	One Touch Fitting NITTA MOORE	EST6-PT1/4	2
43	74310044 P586564002	One Touch Fitting NITTA MOORE	EL6-PT1/4	2
44	74418153 P230222138	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-0.3M	6
45	74570251 P589222316	Hose Adapter The Yokohama Rubber	9034-PT1/4-PF1/4	4
46	74901978 3201081--B	Pressure Switch Bracket		1
47	74183615 P330220013	Hex Socket Cap Screw	M6X35	2
48	74175511 P549003001	Pressure Switch SMC	IS1000-01	2

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

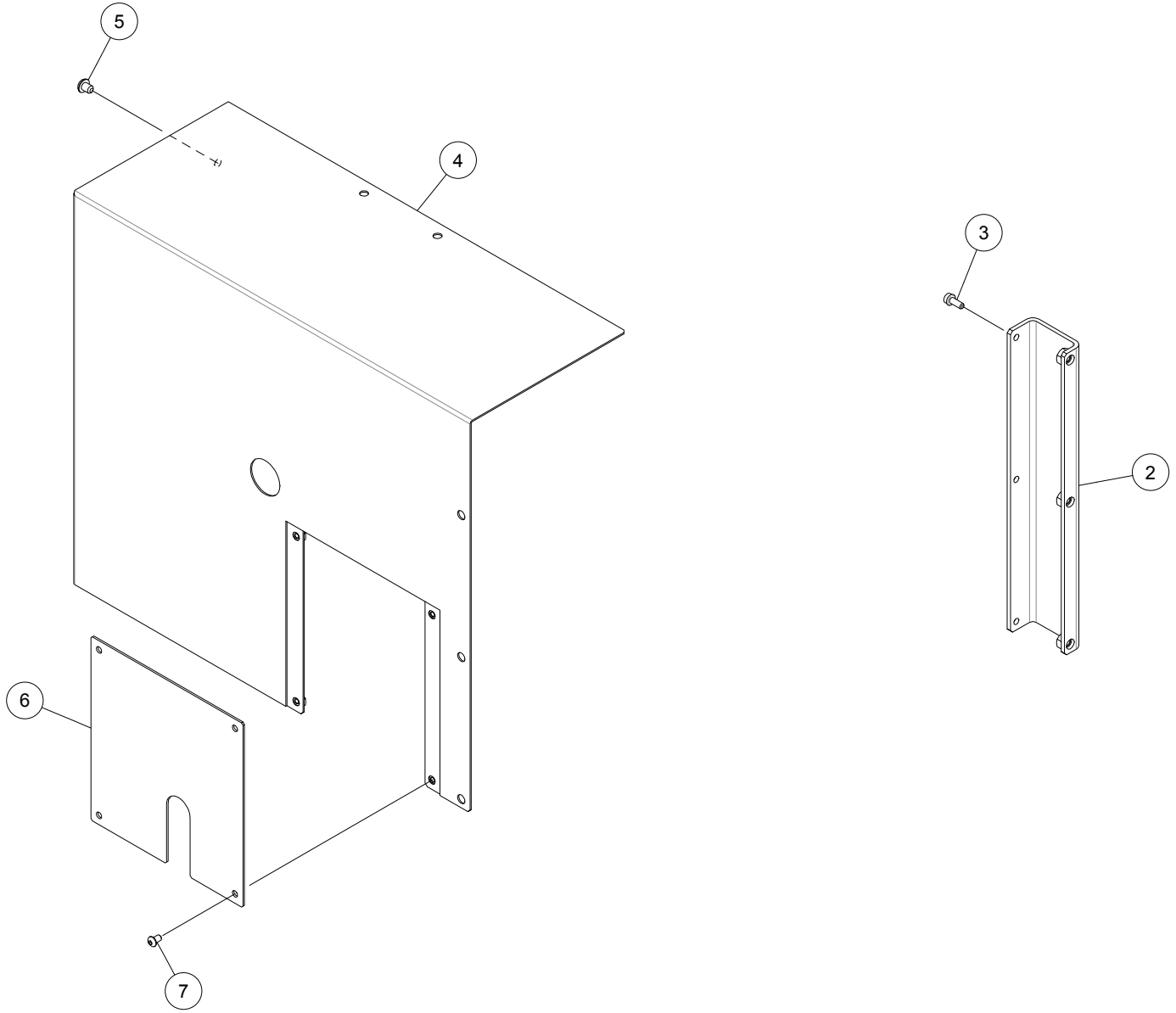
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74315221 P586534002	One Touch Fitting NITTA MOORE	EC6-PT1/8	2
50	74310045 P586564001	One Touch Fitting NITTA MOORE	EL6-PT1/8	2
51	74570252 7422257 A	Solenoid Bracket		1
52	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
53	74902124 7832616	Clamp Solenoid ASSY SMC	VP342-5DZ-02A-F-X97 Index 54-62	1
54	74175511 P549003001	Pressure Switch SMC	IS1000-01	1
55	74722862 P553032001	Air Check Valve SMC	AK2000-02	1
56	74569213 P556002356	Solenoid Valve SMC	VP342-5DZ-02A	1
57	74717447 P557032008	Silencer SMC	AN203-02	1
58	74387462 P586533030	One Touch Fitting SMC	KQH10-02S	1
59	74903324 P586563056	One Touch Fitting SMC	KQL10-02S	1
60	74902940 SPT0163---	Nipple SMC	R(PT)1/4	2

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74902941 SPT0164---	Tee SMC	R(PT)1/4	1
62	74902942 SPT0165---	Bushing SMC	1/4X1/8	1
63	74420480 P586533126	One Touch Fitting SMC	KQ2L10-99	1
64	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
65	74776959 P555002084	Speed Controller SMC	AS4001F-10	1
66	74902535 MA03414---	Cable Y-4	(SP2)	1
67	74902544 MA03424---	Cable Y-20	(SQ15161718)	1
68	74902545 MA03425---	Cable Y-21	(YV262728)	1
69	74902536 MA03415---	Cable Y-24	(YV-5)	1
70	74902537 MA03416---	Cable Y-30	(SP37)	1
71	74902538 MA03417--A	Cable Y-31	(YV-342)	1
72	74902539 MA03418---	Cable Y-32	(SP38)	1

Unit No. 416 Clamp Positioner <Clamp Positioner Piping Diagram>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74902540	Cable Y-33		1
	MA03419--A		(YV343)	
74	74903106	Hydraulic Oil	NCA-250-1L	4
	P238000036	AMADA		



(1) Unit Cover ASSY

CE03433---

Unit No. 417 Clamp Positioner <Unit Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03433---	Unit Cover ASSY	Index 2-7	1
2	74402873 CE03483---	Unit Cover Bracket		1
3	74776770 P330460003	Flange Socket Bolt NISSAN NEJI	M6X15	3
4	74402874 CE03484---	CP Unit Cover		1
5	74300627 P334500017	Button Head Screw	M8X10	8
6	74812520 6878827	Lid		1
7	74183302 P334500013	Button Head Screw	M6X10	4

< List Only >

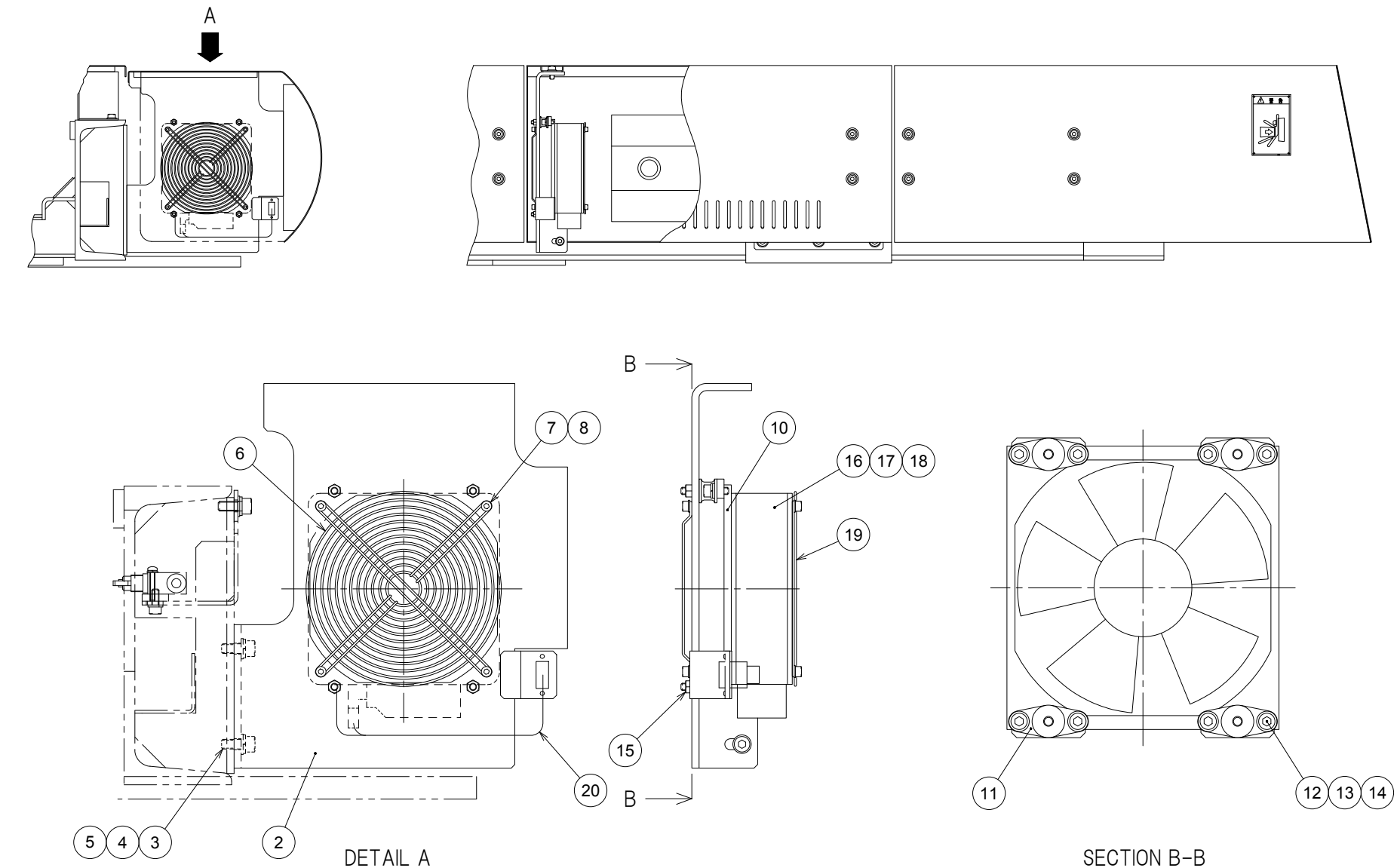
CE03413---

Unit No. 418 Clamp Positioner <Carriage Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03413---	Carriage Cover ASSY	Index 2-17	1
2	74402875 CE03511---	Carriage Cover F1		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	12
4	74401863 CE01362---	Carriage Cover F1 Maintenance Lid		1
5	74183302 P334500013	Button Head Screw	M6X10	4
6	74402876 CE03512---	Carriage Cover F2		1
7	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	12
8	74402877 CE03513---	Carriage Cover F2 Lid		1
9	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	8
10	74402878 CE03514---	Carriage Cover R1		1
11	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	7
12	74402879 CE03515---	Carriage Cover R2		1

Unit No. 418 Clamp Positioner <Carriage Cover ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	8
14	74402880 CE03516---	Wiring Cover		1
15	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	8
16	74812526 3809108 A	X-axis Motor Cover		1
17	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	8



(1) X-axis Fan Installation C/P

(9) Sub ASSY

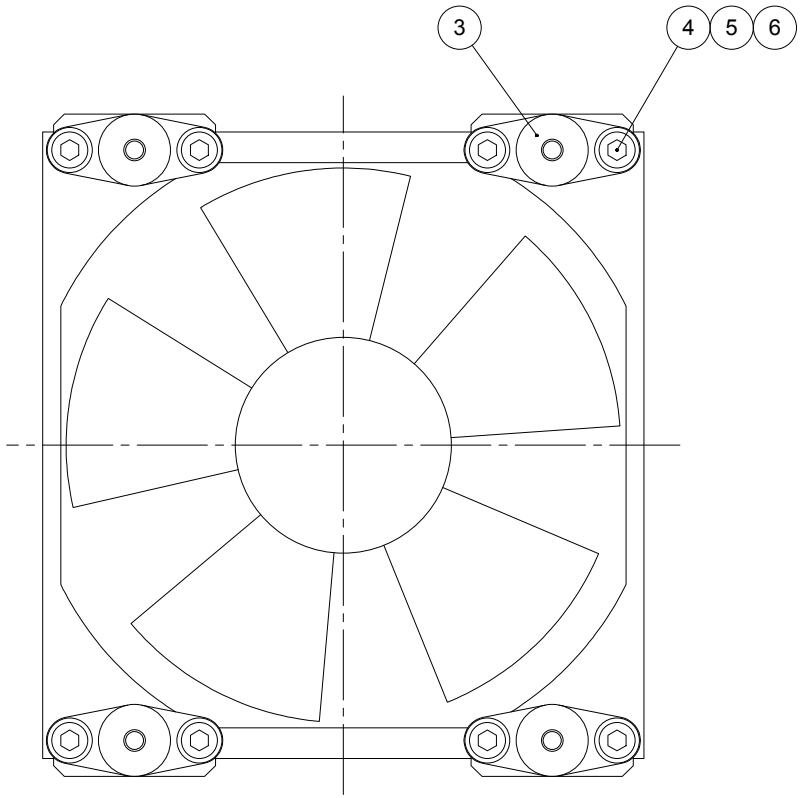
MA03392---

Unit No. 419 Clamp Positioner <X-axis Fan Installation C/P>

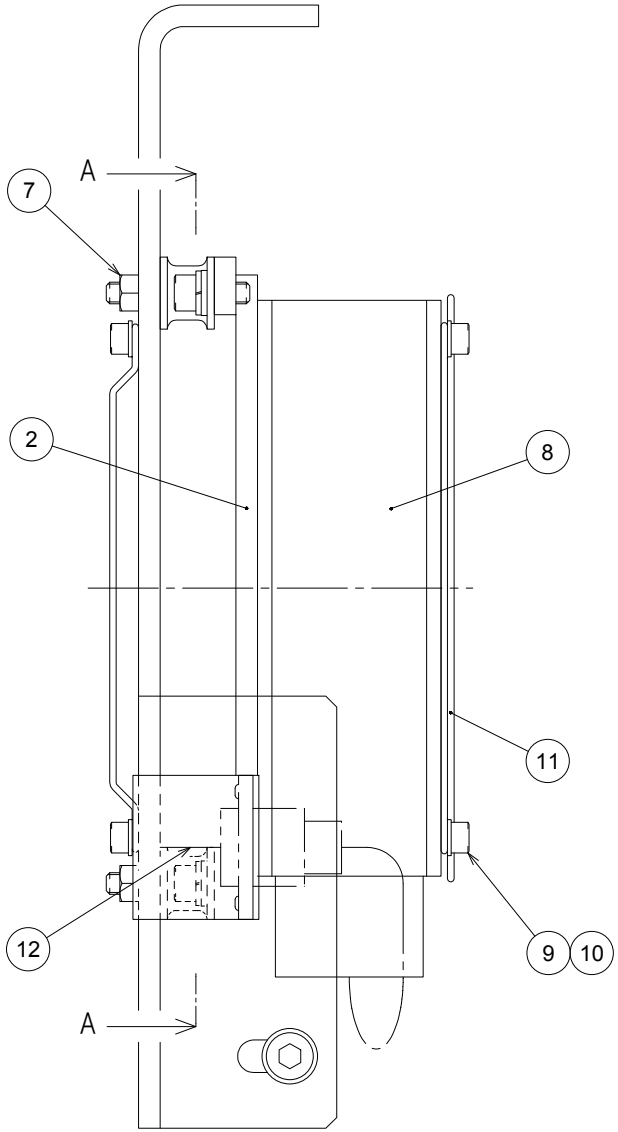
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03392---	X-axis Fan Installation C/P	Index 2-20	1
2	74812533 3807974	Fan Bracket A		1
3	74183621 P330230006	Hex Socket Cap Screw	M8X20	2
4	74183103 P336050006	Spring Washer JIS	8	2
5	74183027 P336000006	Washer JIS	8(Normal)	2
6	74415338 P538072013	Accessory for Fan SANYO Electric	109-619E	1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
8	74776840 P336000080	Washer	5(Normal)	4
9	MA03788---	X-axis Fan ASSY	Index 10-20	1
10	74415342 6827532	Fan Bracket B		1
11	74564902 P382002022	Vibration Isolator KURASHIKI KAKO	KB-20	4
12	74183608 P330220006	Hex Socket Cap Screw	M6X15	8

Unit No. 419 Clamp Positioner <X-axis Fan Installation C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74178737 P336050005	Spring Washer JIS	6	8
14	74159714 P336000005	Washer JIS	6(Normal)	8
15	74776801 P332000030	Nut JIS	M6(Type-1)	4
16	74401303 P538002001	Fan SANYO Electric	109-602	1
17	74354316 P330210017	Hex Socket Cap Screw	M5X60	4
18	74776840 P336000080	Washer	5(Normal)	4
19	74415339 P538072014	Accessory for Fan SANYO Electric	109-620	1
20	74902439 MA03007---	Cable EV42-1		1



SECTION A-A

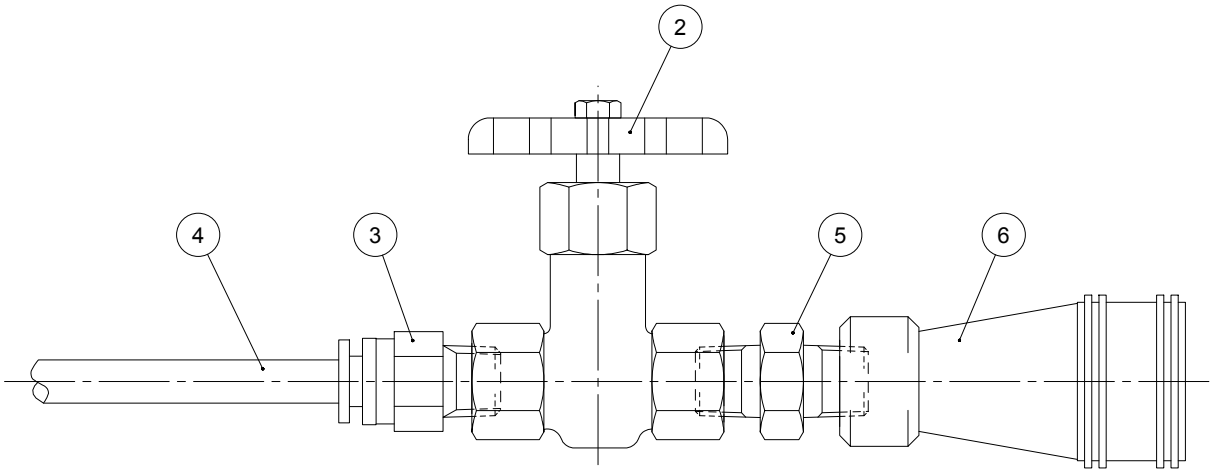


(1) X-axis Fan ASSY

MA03788---
(MA03787---)

Unit No. 420 Clamp Positioner <X-axis Fan ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	/ MA03788---	X-axis Fan ASSY /	/ Index 2-12	1
2	74415342 / 6827532	Fan Bracket B /	/	1
3	74564902 / P382002022	Vibration Isolator / KURASHIKI KAKO	KB-20 /	4
4	74183608 / P330220006	Hex Socket Cap Screw /	M6X15 /	8
5	74178737 / P336050005	Spring Washer / JIS	6 /	8
6	74159714 / P336000005	Washer / JIS	6(Normal) /	8
7	74776801 / P332000030	Nut / JIS	M6(Type-1) /	4
8	74401303 / P538002001	Fan / SANYO Electric	109-602 /	1
9	74354316 / P330210017	Hex Socket Cap Screw /	M5X60 /	4
10	74776840 / P336000080	Washer /	5(Normal) /	4
11	74415339 / P538072014	Accessory for Fan / SANYO Electric	109-620 /	1
12	74902439 / MA03007---	Cable EV42-1 /	/	1

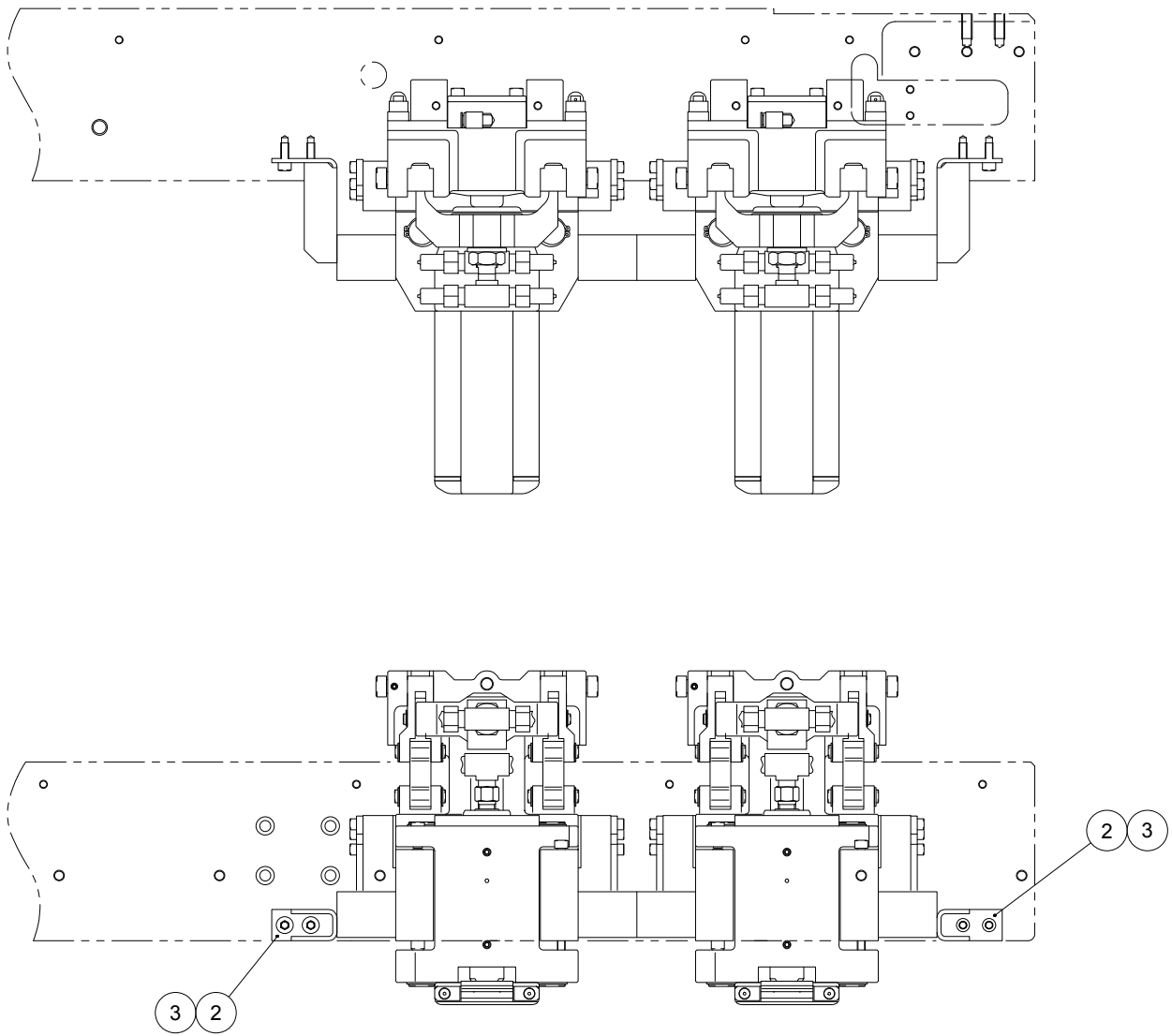


(1) Jig for CP ASSY

6593112 A

Unit No. 421 Clamp Positioner <Jig for CP ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Jig for CP ASSY		1
	6593112 A		Index 2-6	
2	74387109	Oil Flow Control Valve	MV-501	1
	P544008016	KOYO		
3	74777030	One Touch Fitting	KQ2H06-01S	1
	P586533065	SMC		
4	74379389	Plastic Hose	AS450-06(Black)-3M	1
	P230223038	JUNKOSHA		
5	74338502	Nipple	1/8	1
	P580020001	JIS		
6	74718725	Quick Connect Joint	1S-SS400	1
	P589026039	NITTO KOHKI		



(1) Clamp Shipping Installation

3809239

Unit No. 422 Clamp Positioner <Clamp Shipping Installation>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3809239	Clamp Shipping Installation	Index 23	1
2	74812534 / 3809561	Clamp Support		2
3	74183608 / P330220006	Hex Socket Cap Screw	M6X15	4

< List Only >

CE03415---

Unit No. 423 Clamp Positioner <Filler Table F ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03415---	Filler Table F ASSY	Index 2-19	1
2	CE03520---	F Filler Table Brush ASSY	Index 3-13	1
3	74402881 7831445---	Filler Table Aluminum Base F NIC		1
4	74402882 CE03521---	MDF Brush A		2
5	74722756 P334500021	Button Head Screw	M8X25	12
6	74402883 CE03522---	MDF Brush B		1
7	74722756 P334500021	Button Head Screw	M8X25	4
8	74402884 CE03523---	Cover Table F-Filler		1
9	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
10	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M	4
11	74812545 7831048	Nut M8	NAS-08	8
12	74453518 6894885	MDF Brush Guard		2

Unit No. 423 Clamp Positioner <Filler Table F ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
13	74183614 P330220012	Hex Socket Cap Screw	M6X30	4
14	 6879976	Filler Table Installation Kit 1	 Index 1516	3
15	74812543 6879962	Arm Bracket		1
16	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
17	 6879980	Filler Table Installation Kit 3	 Index 1819	1
18	74421130 6879973 B	Arm Bracket R2		1
19	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4

< List Only >

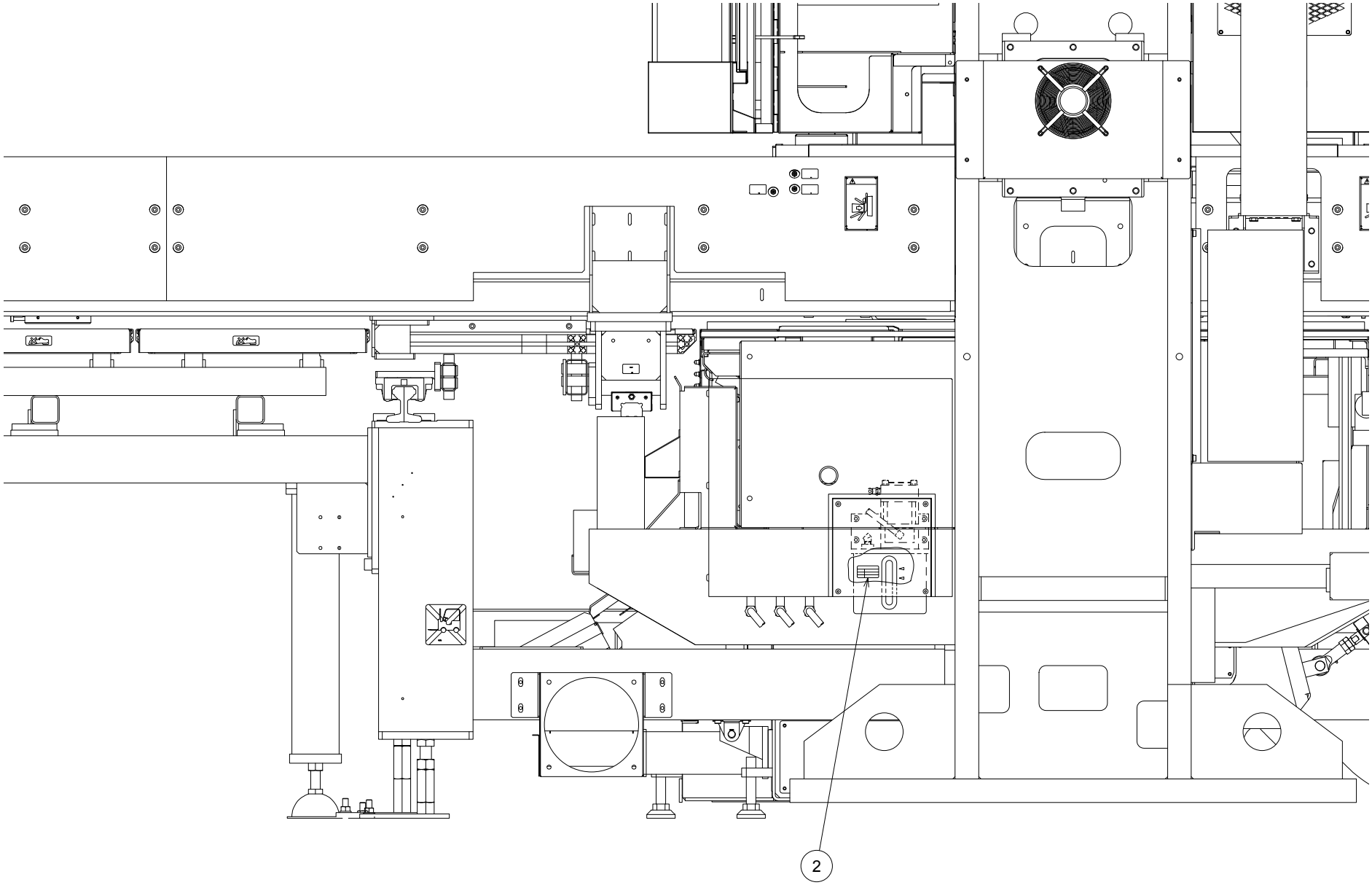
CE03416---

Unit No. 424 Clamp Positioner <Filler Table R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03416---	Filler Table R ASSY	Index 2-21	1
2	CE03524---	R Filler Table Brush ASSY	Index 3-12	1
3	74402885 7831446---	Filler Table Aluminum Base R		1
4	74402886 7831447---	Filler Table Aluminum Base (Open)		1
5	74402887 CE03525---	MDF Brush A		2
6	74722756 P334500021	Button Head Screw	M8X25	12
7	74402883 CE03522---	MDF Brush B		1
8	74722756 P334500021	Button Head Screw	M8X25	4
9	74402888 CE03526---	Cover Table R-Filler		1
10	74183620 P330230004	Hex Socket Cap Screw	M8X15	4
11	74419483 P379108025	Adhesive Tape FANTAC	FE-6061(W=20)-1M	4
12	74812545 7831048	Nut M8	NAS-08	10

Unit No. 424 Clamp Positioner <Filler Table R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	6879976	Filler Table Installation Kit 1	Index 1415	3
14	74812543 6879962	Arm Bracket		1
15	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
16	6879979	Filler Table Installation Kit 2	Index 1718	1
17	74421129 6879972 A	Arm Bracket R1		1
18	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
19	6879980	Filler Table Installation Kit 3	Index 2021	1
20	74421130 6879973 B	Arm Bracket R2		1
21	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4

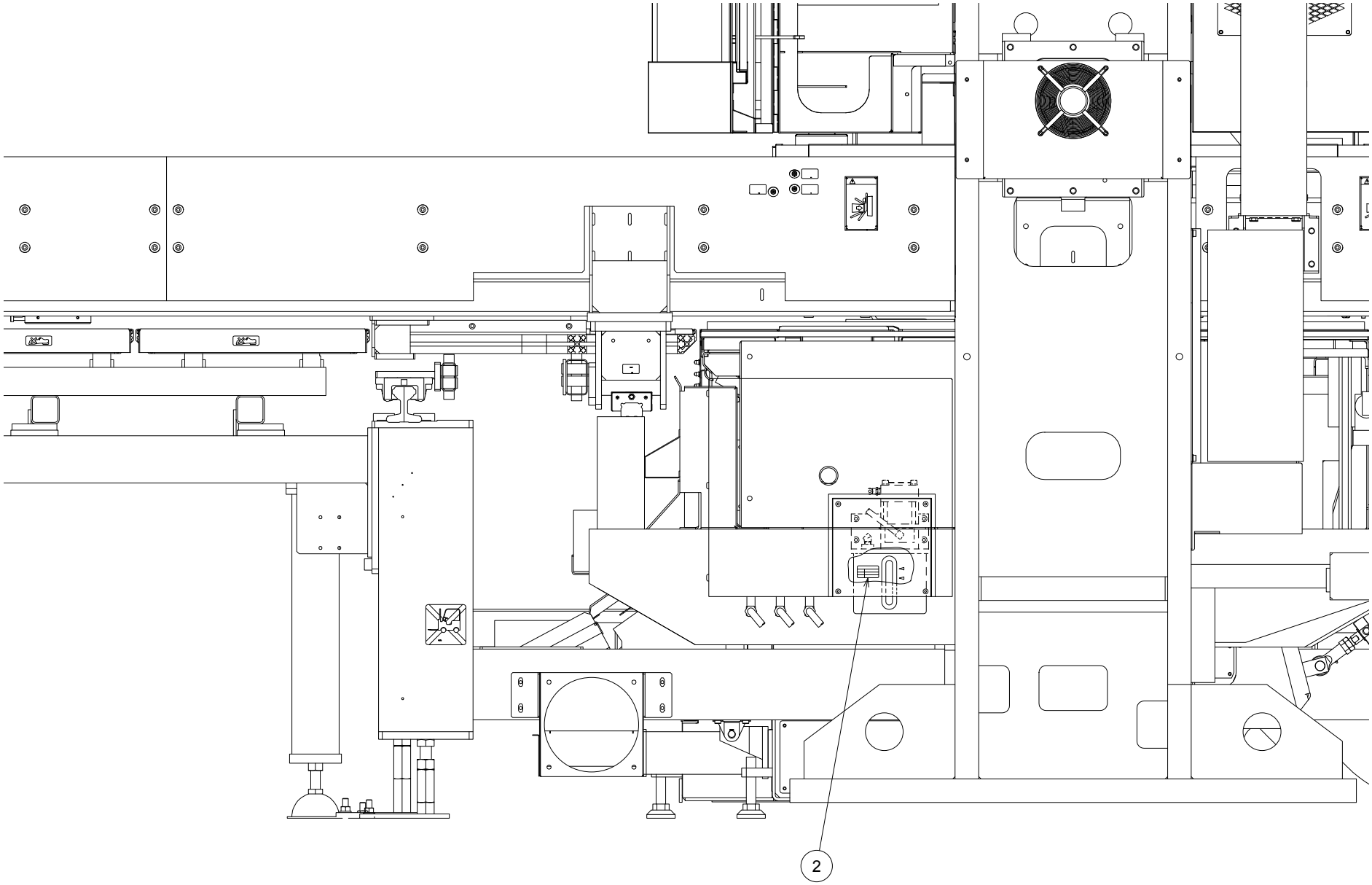


(1) Name Plate ASSY

6535243
(MA04050#1)

Unit No. 425 Clamp Positioner <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6535243	Name Plate ASSY	Index 2	1
2	74565317 / 6535244	Name Plate		1

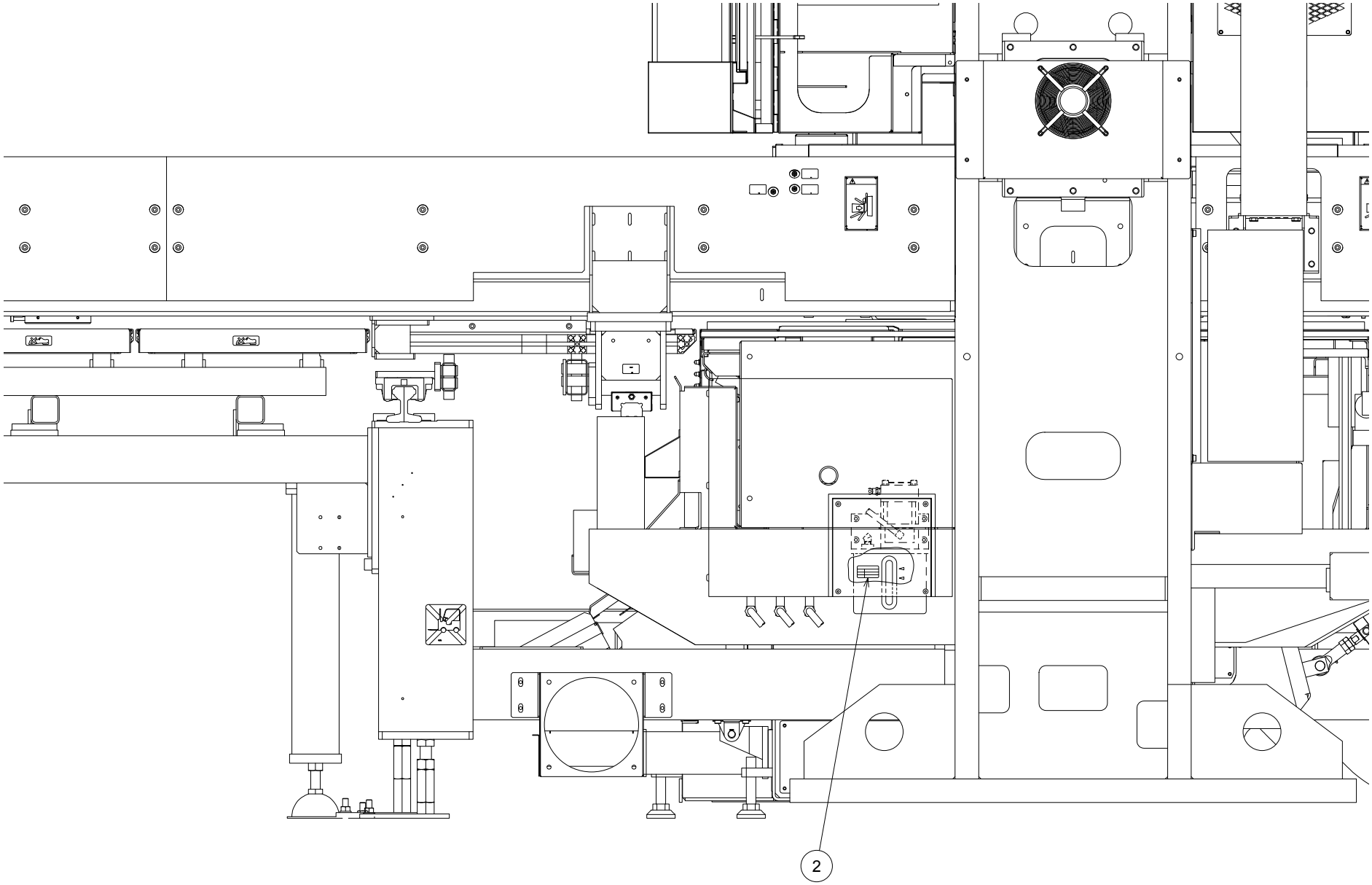


(1) Name Plate ASSY GER

6810215
(MA04050#1)

Unit No. 426 Clamp Positioner <Name Plate ASSY G>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Name Plate ASSY GER		1
	6810215		Index 23	
2	74569163	Name Plate		1
	6810216			
3	74386340	Name Plate		1
	6045138 A		List Only	

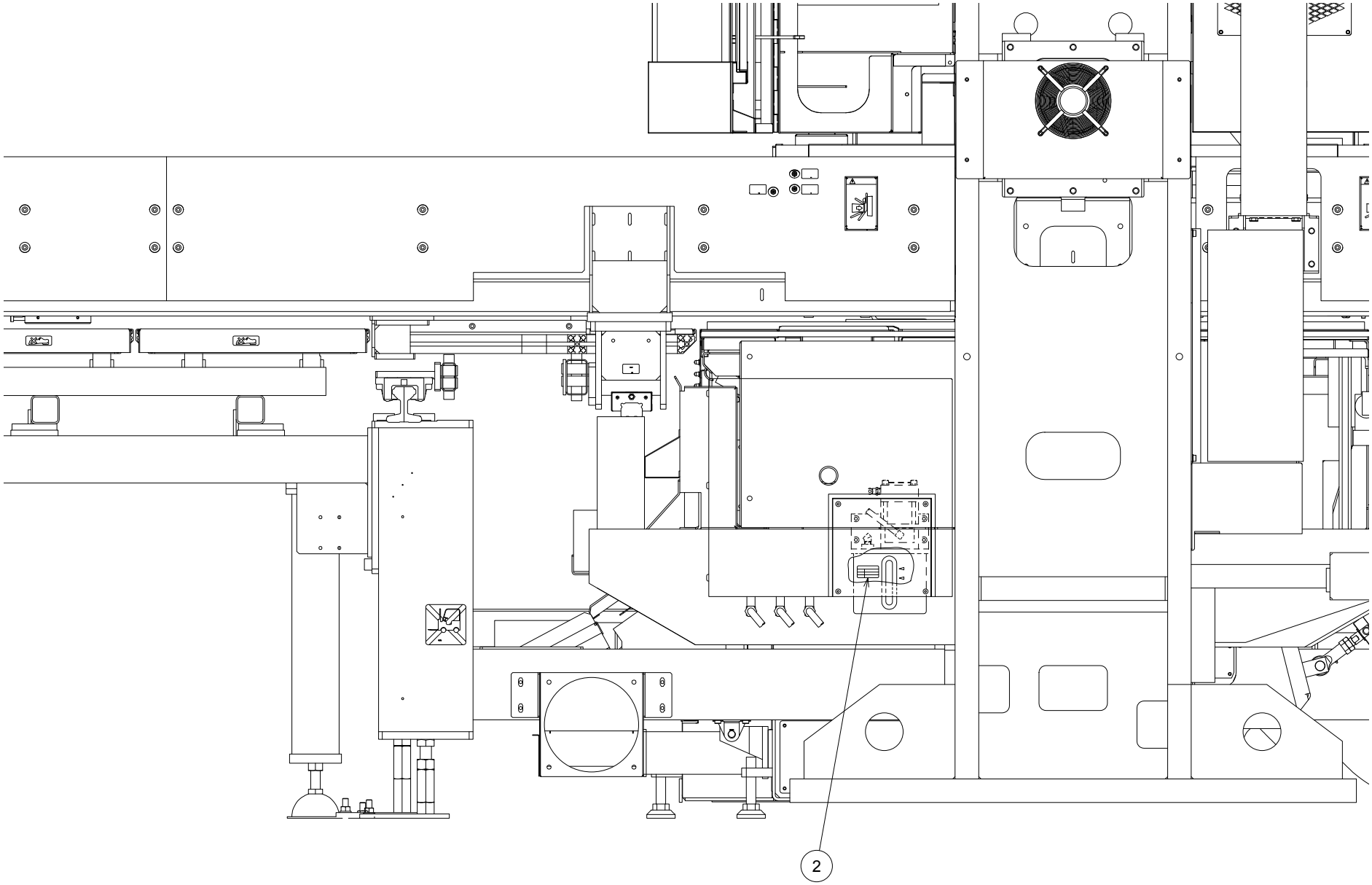


(1) Name Plate ASSY

6535245
(MA04050#1)

Unit No. 427 Clamp Positioner <Name Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6535245	Name Plate ASSY	Index 23	1
2	74381740 / 6535246	Name Plate		1
3	74386340 / 6045138 A	Name Plate	List Only	1

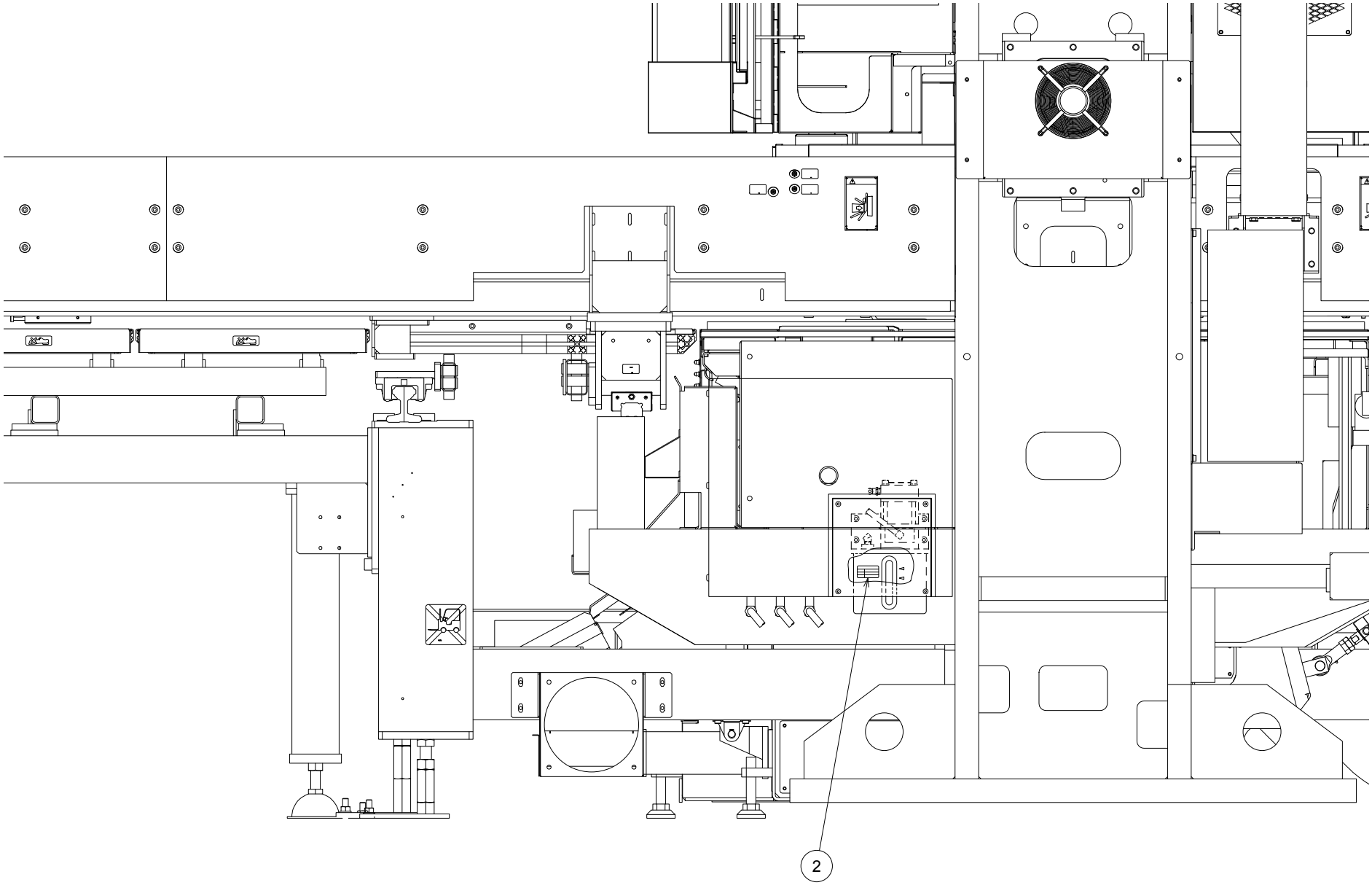


(1) Name Plate ASSY FRA

6810217
(MA04050#1)

Unit No. 428 Clamp Positioner <Name Plate ASSY F>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6810217	Name Plate ASSY FRA	Index 23	1
2	74569164 / 6810218	Name Plate		1
3	74386340 / 6045138 A	Name Plate	List Only	1

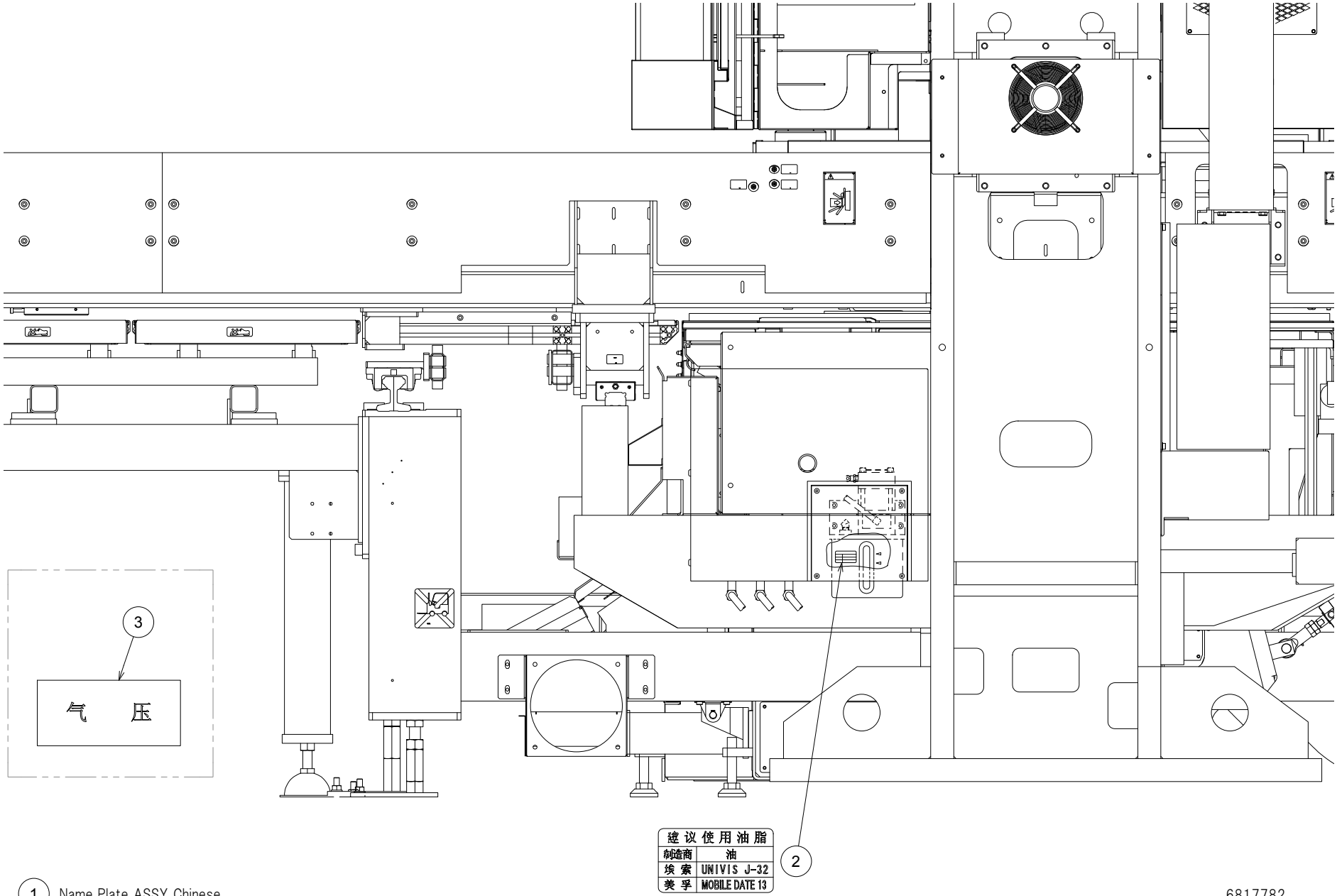


(1) Name Plate ASSY ITA

6523261
(MA04050#1)

Unit No. 429 Clamp Positioner <Name Plate ASSY I>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6523261	Name Plate ASSY ITA	Index 23	1
2	74569162 / 6523262	Name Plate		1
3	74386340 / 6045138 A	Name Plate	List Only	1

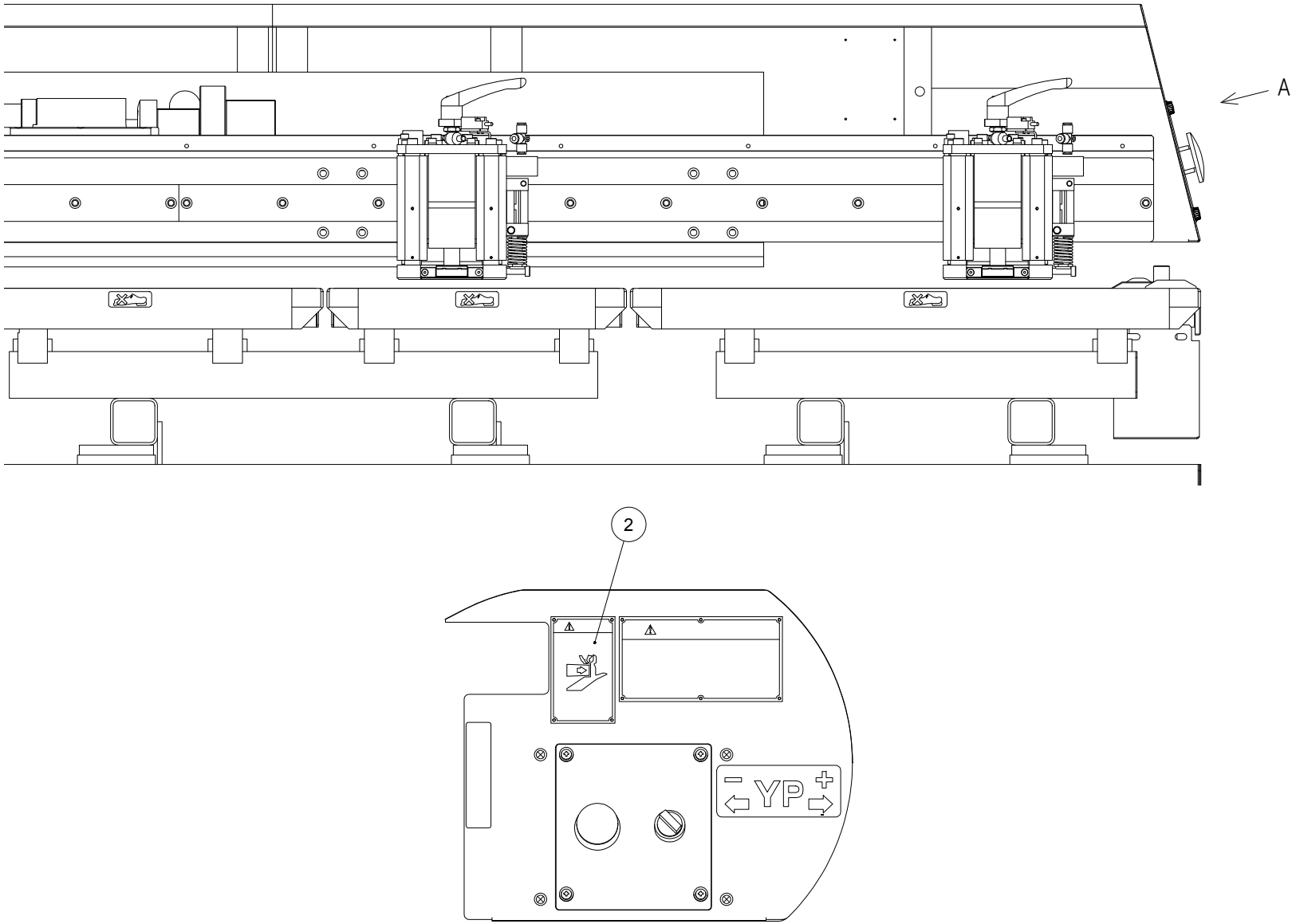


1 Name Plate ASSY Chinese

6817782
(MA04050#1)

Unit No. 430 Clamp Positioner <Name Plate ASSY Chinese>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6817782	Name Plate ASSY Chinese	Index 23	1
2	74419460 / 6817536	Name Plate		1
3	74419461 / 6817500	Name Plate		1



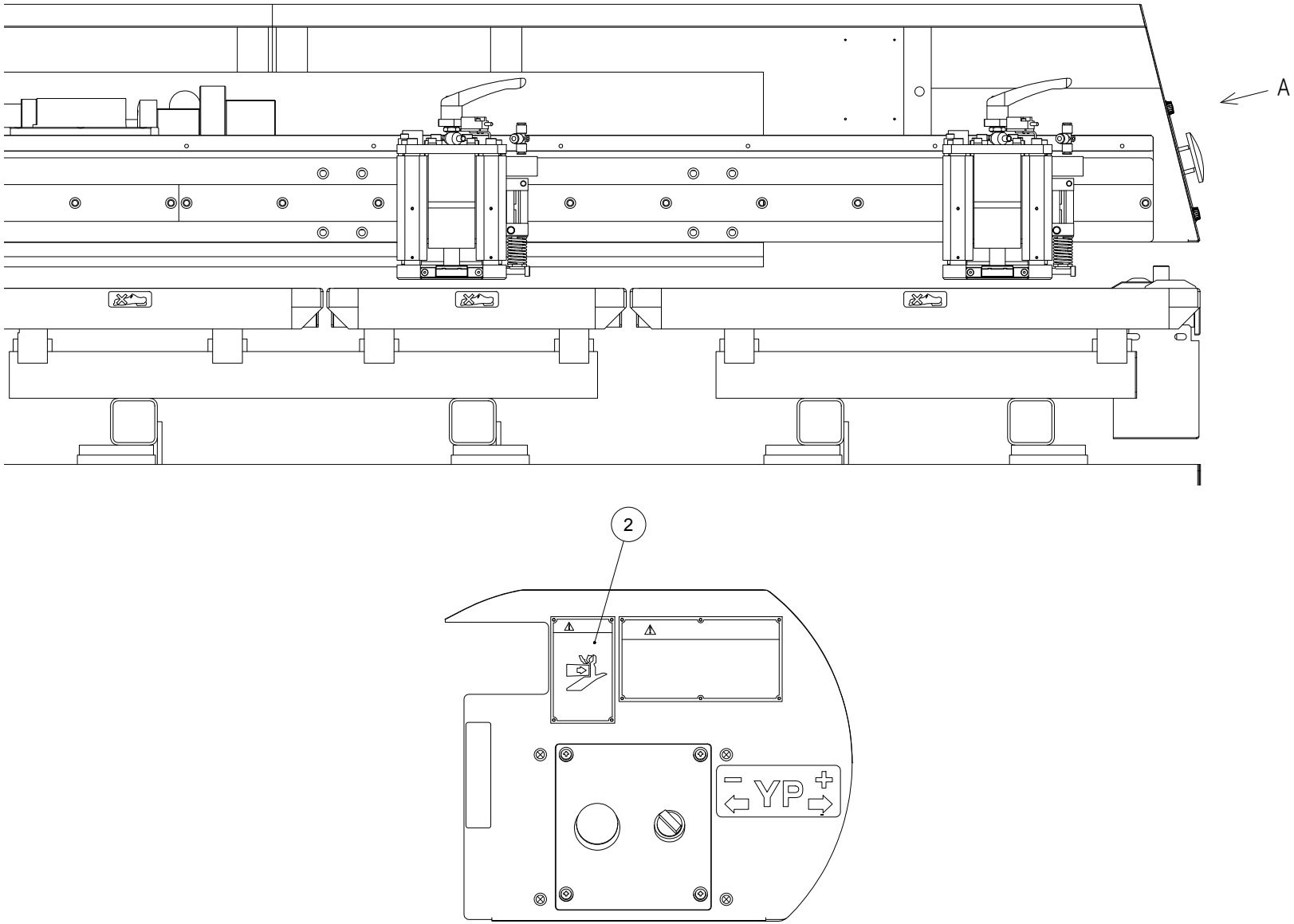
(1) Warning Plate ASSY

VIEW A

3830182---
(MA04050#2)

Unit No. 431 Clamp Positioner <Warning Plate ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830182---	Warning Plate ASSY	Index 2	1
2	74902094 6885734---	Name Plate		1



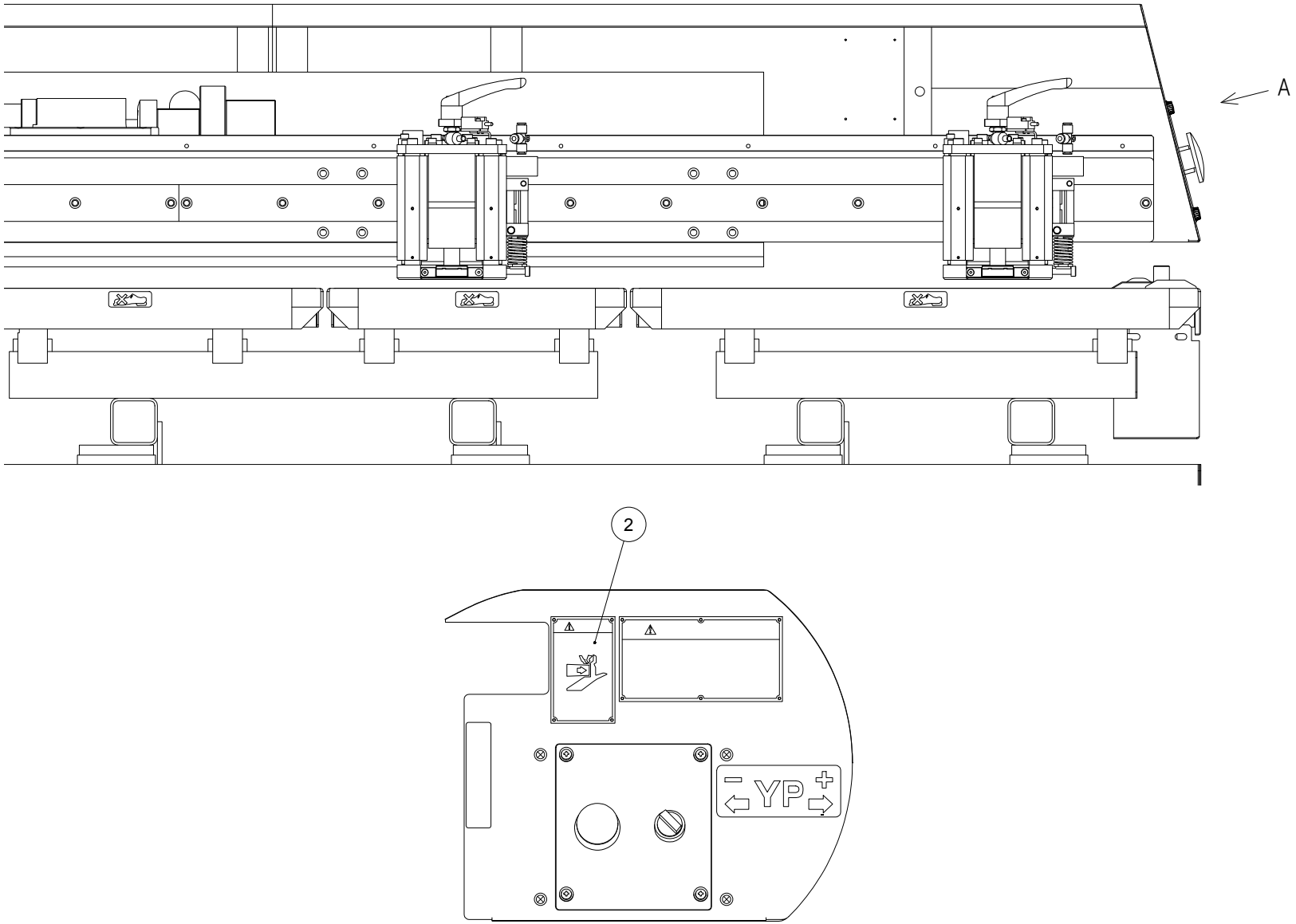
(1) Warning Plate ASSY ENG

VIEW A

3830185---
(MA04050#2)

Unit No. 432 Clamp Positioner <Warning Plate ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830185---	Warning Plate ASSY ENG	Index 2	1
2	74902095 6885810---	Name Plate		1



(1) Warning Plate ASSY Chinese

VIEW A

3830186---
(MA04050#2)

Unit No. 433 Clamp Positioner <Warning Plate ASSY Chinese>

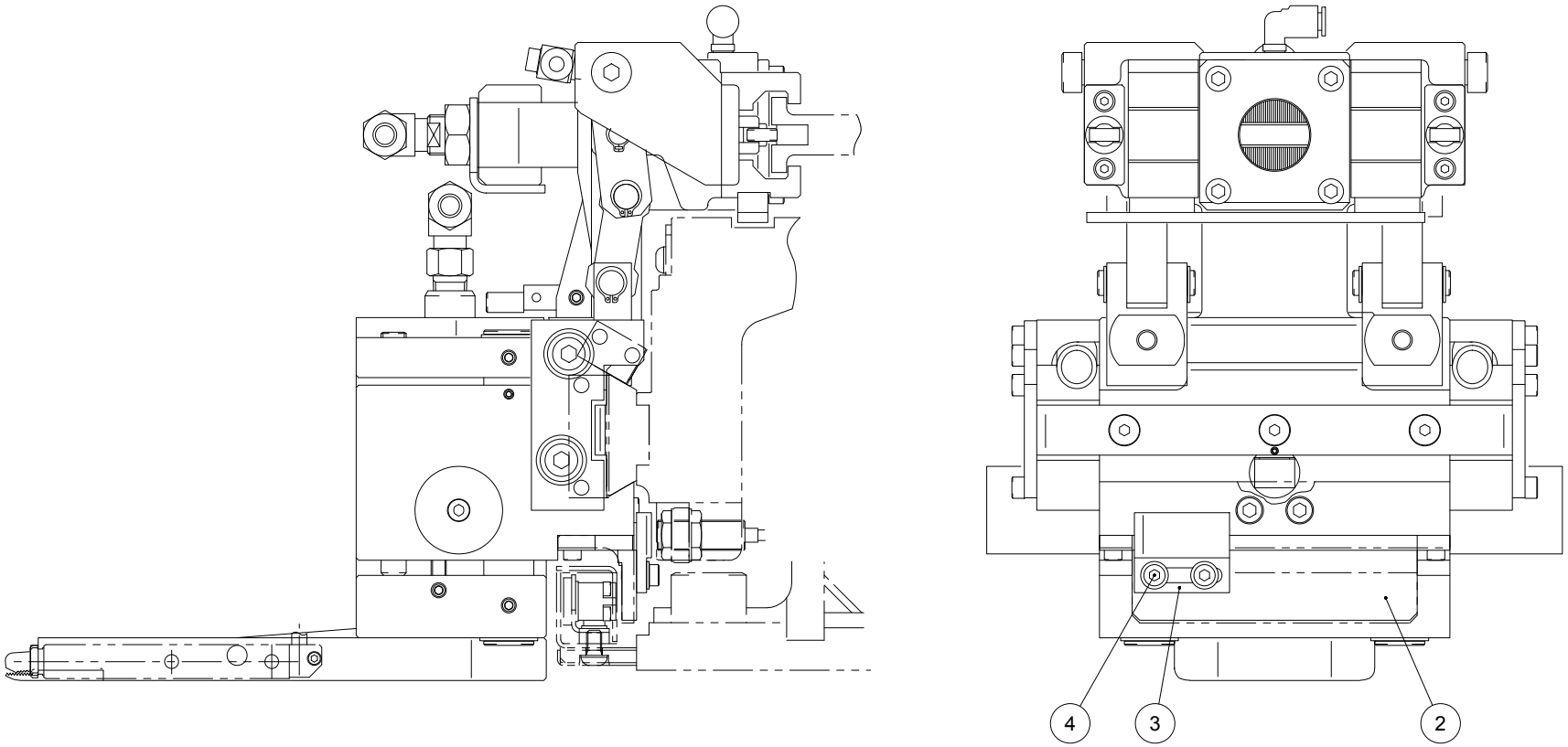
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830186---	Warning Plate ASSY Chinese	Index 2	1
2	74902096 6885811---	Warning Plate		1

< List Only >

CE03435---

Unit No. 434 Clamp Positioner <Clamp 1 Additional Parts>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03435---	Clamp 1 Additional Parts	Index 2-7	1
2	74902546 MA03426--A	Relay Panel		1
3	74902549 MA03429--A	Cable CL-3-4-1		1
4	74903319 P586533076	One Touch Fitting SMC	KQ2E06-00	1
5	74707988 P230223077	Plastic Hose JUNKOSHA	SP4-06(Black)-1M	1
6	74307821 P381058012	Cable Band SHIBAKEI	CV-150N	1
7	74560920 P330468026	Flange Socket Bolt NISSAN NEJI	M6X12	2

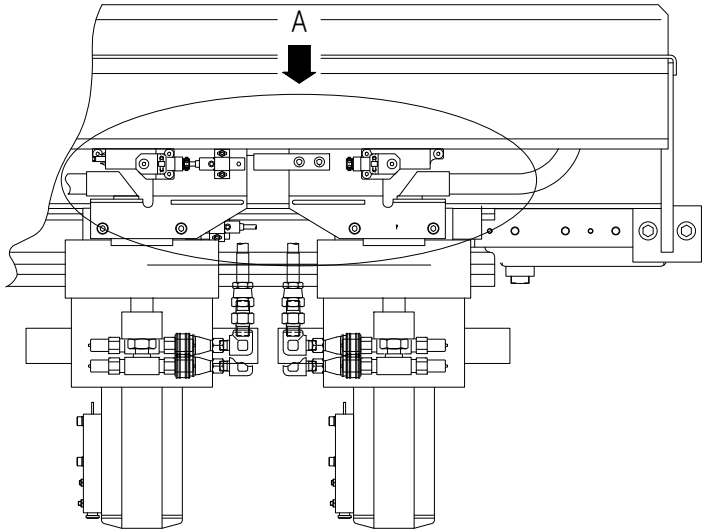


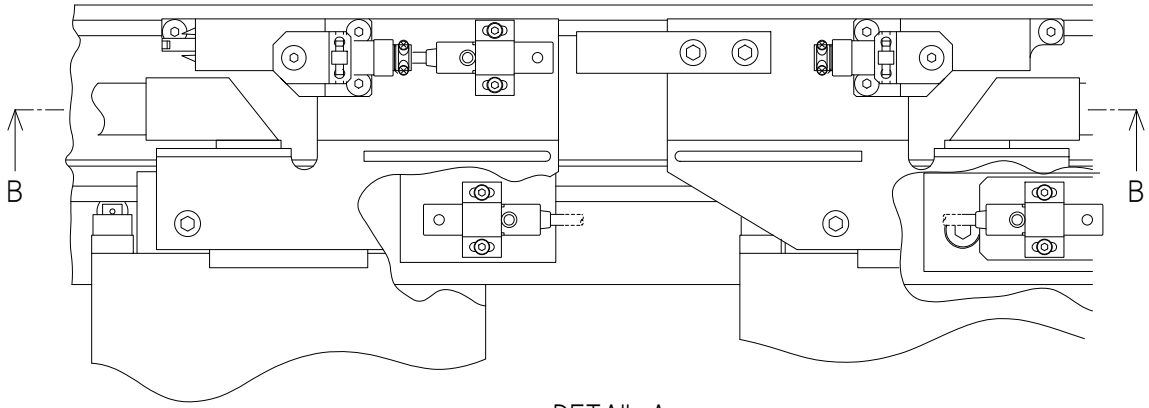
(1) Clamp 2 Modify

3832812

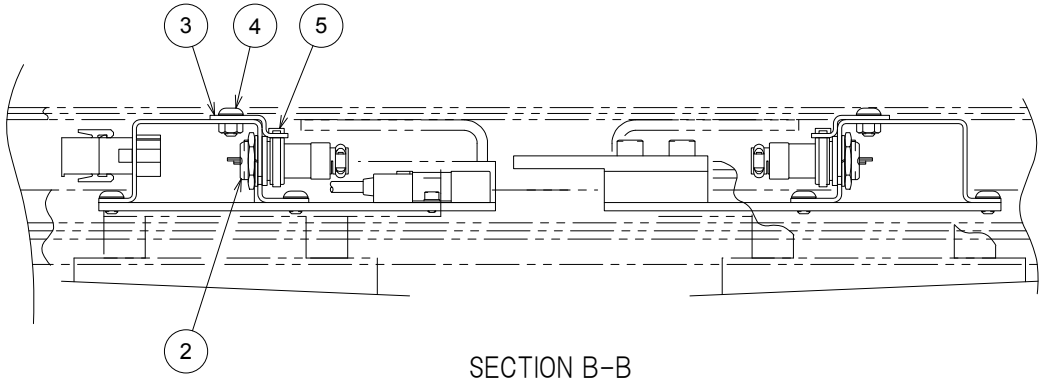
Unit No. 435 Clamp Positioner <Clamp 2 Modify>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Clamp 2 Modify		1
	3832812		Index 2-4	
2	74902017	Sensor Dog		1
	3832657			
3	74902018	Dog (-XOT)	F32X6	1
	3832813			
4	74560004	Flange Socket Bolt	M5X10	2
	P330460006	NISSAN NEJI		





DETAIL A



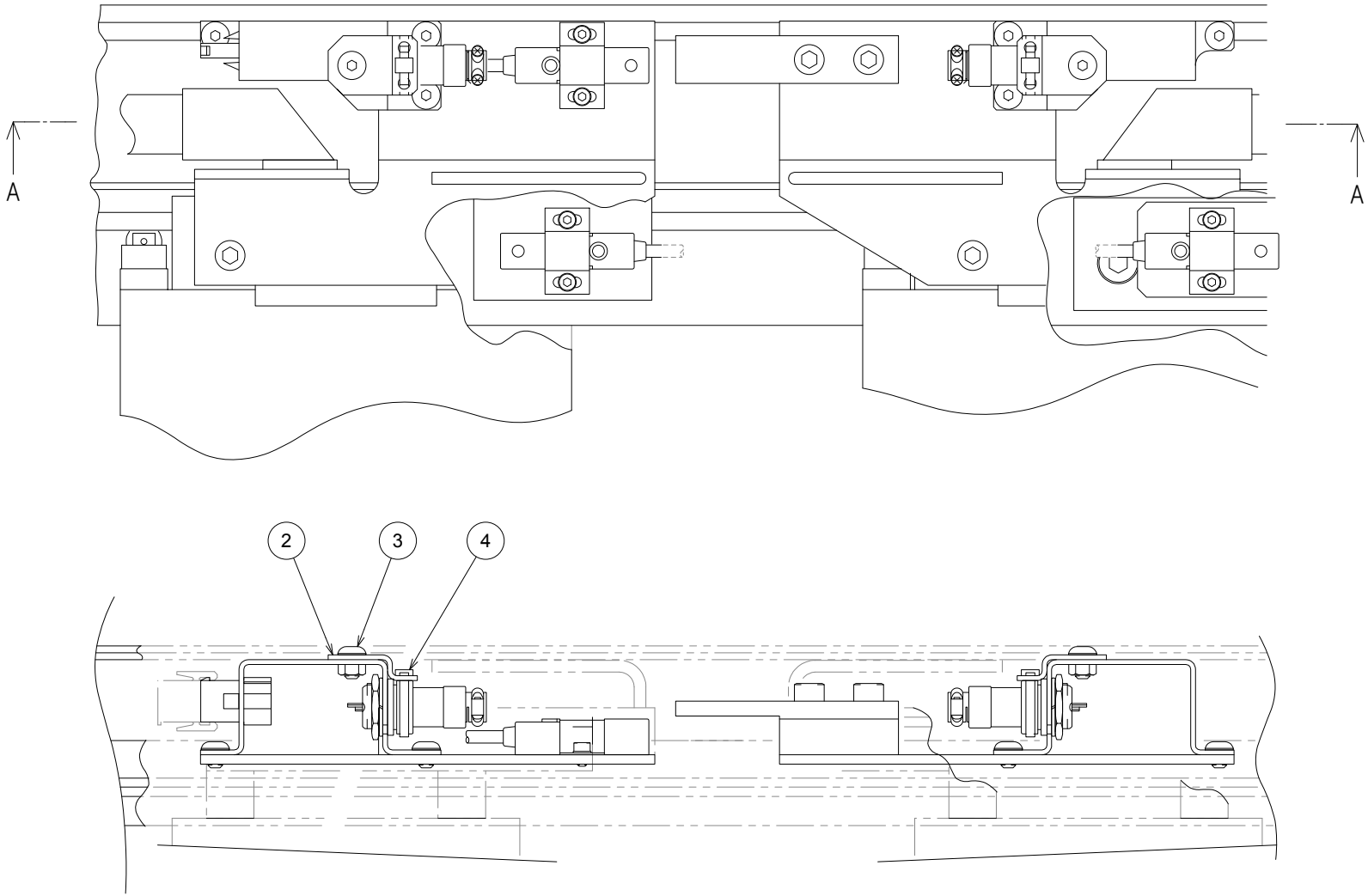
SECTION B-B

(1) Worksheet Contact C/P

6534352 B

Unit No. 436 Clamp Positioner <Worksheet Contact C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Worksheet Contact C/P		1
	6534352 B		Index 2-5	
2	74569255	Metallic Connector	PLT-162-R-R	2
	P860038004	MISUMI		
3	74569256	Loose Stopper Plate		2
	7420749			
4	74163306	Button Head Screw	M5X8	2
	P334500008	JIS		
5	74307821	Cable Band	CV-150N	2
	P381058012	SHIBAKEI		



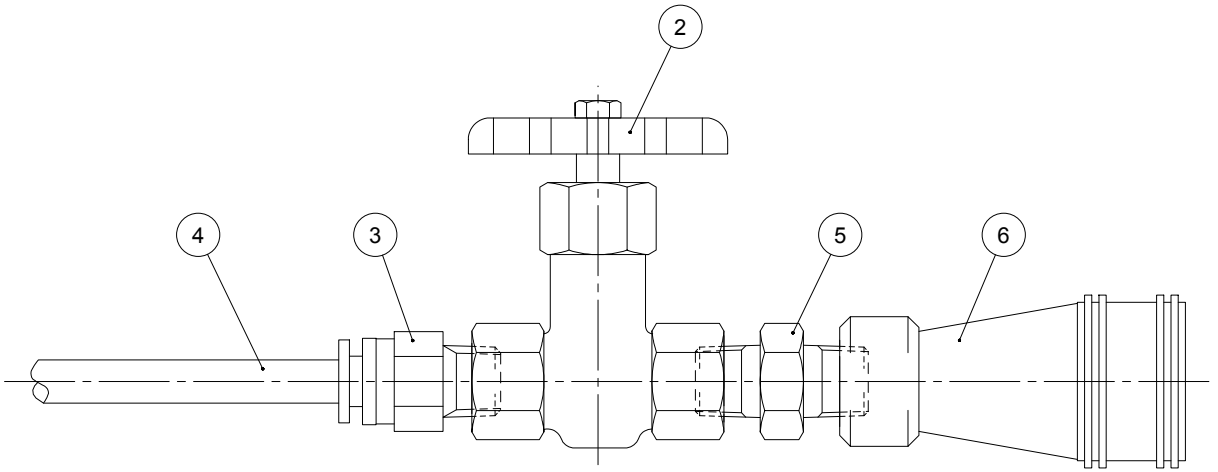
SECTION A-A

(1) X,Y-axis Sensor ASSY

CE03438---
(6534352 B)

Unit No. 437 Clamp Positioner <X,Y-axis Sensor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE03438---	XY-axis Sensor ASSY	Index 2-4	1
2	74569256 7420749	Loose Stopper Plate		1
3	74183304 P334500004	Button Head Screw JIS	M4X8	1
4	74307821 P381058012	Cable Band SHIBAKEI	CV-150N	1

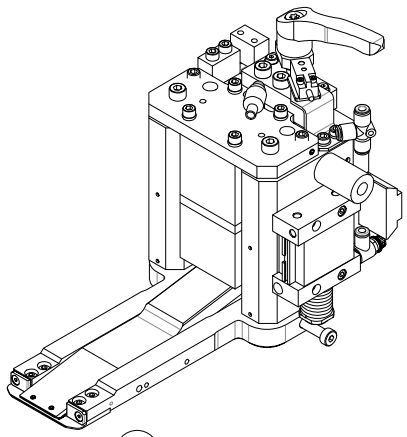


(1) Jig for CP ASSY

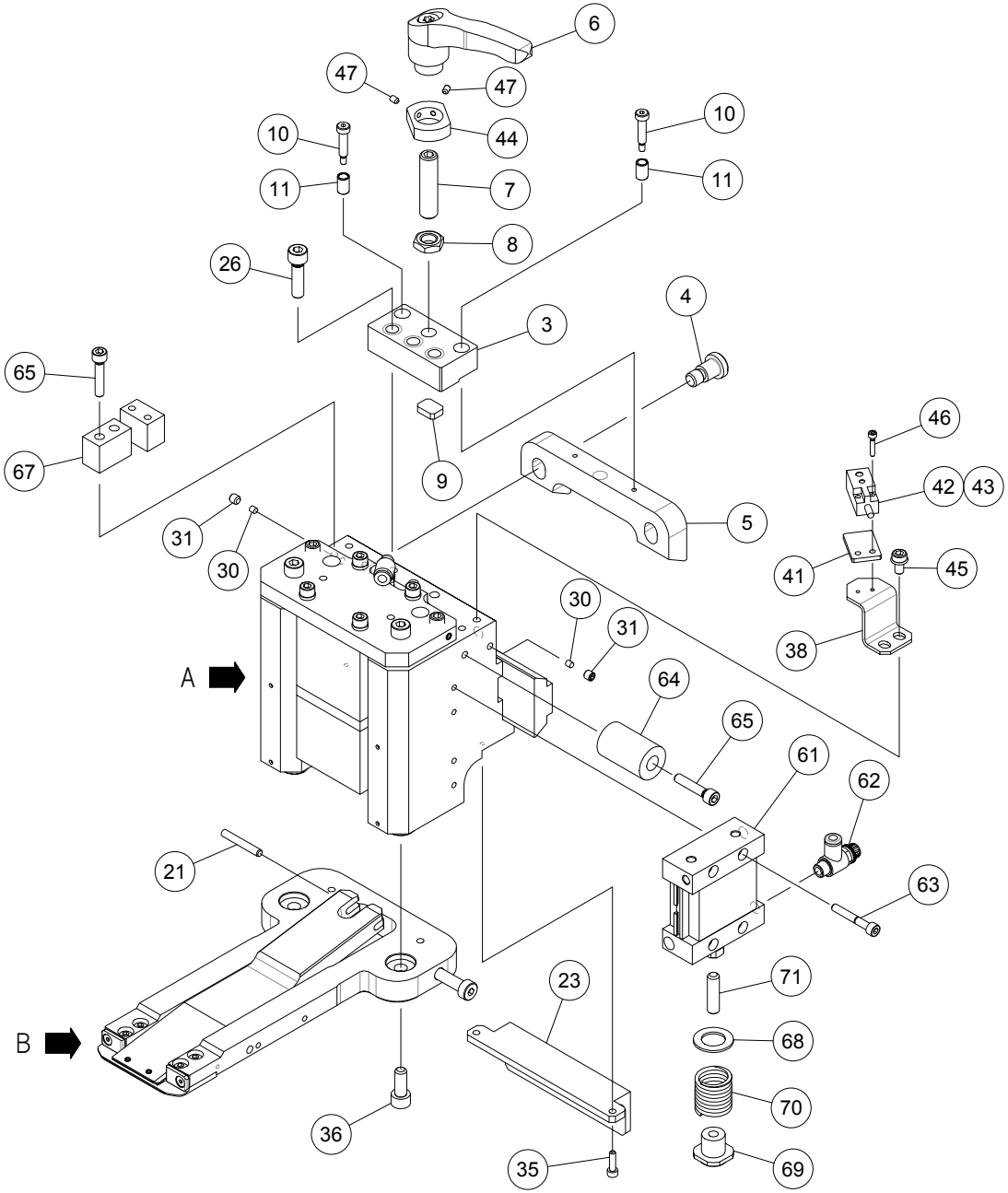
6593112 A

Unit No. 438 Clamp Positioner <Jig for CP ASSY>

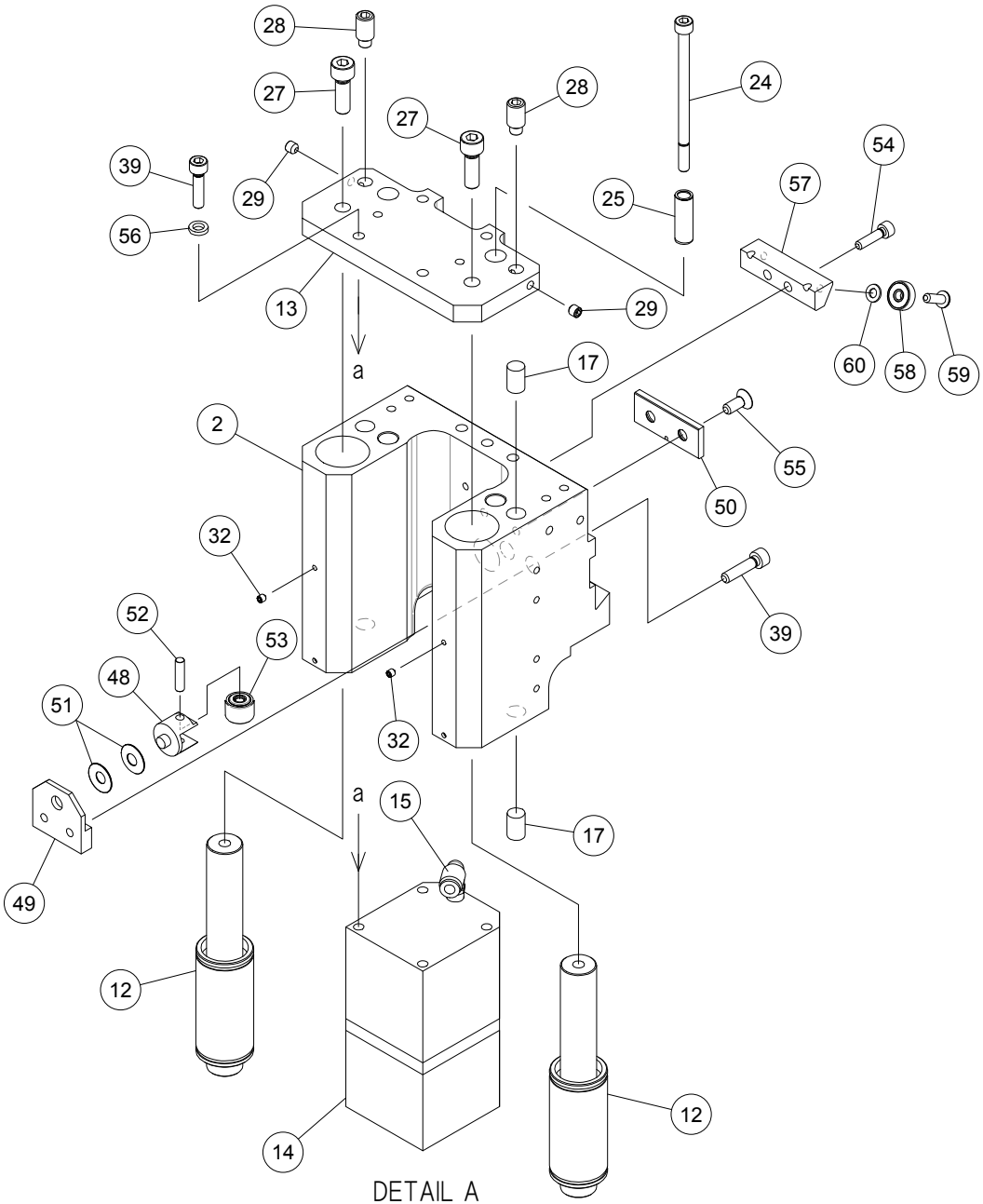
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Jig for CP ASSY		1
	6593112 A		Index 2-6	
2	74387109	Oil Flow Control Valve	MV-501	1
	P544008016	KOYO		
3	74777030	One Touch Fitting	KQ2H06-01S	1
	P586533065	SMC		
4	74379389	Plastic Hose	AS450-06(Black)-3M	1
	P230223038	JUNKOSHA		
5	74338502	Nipple	1/8	1
	P580020001	JIS		
6	74718725	Quick Connect Joint	1S-SS400	1
	P589026039	NITTO KOHKI		



1 Loading Workclamp ASSY



MA03304--A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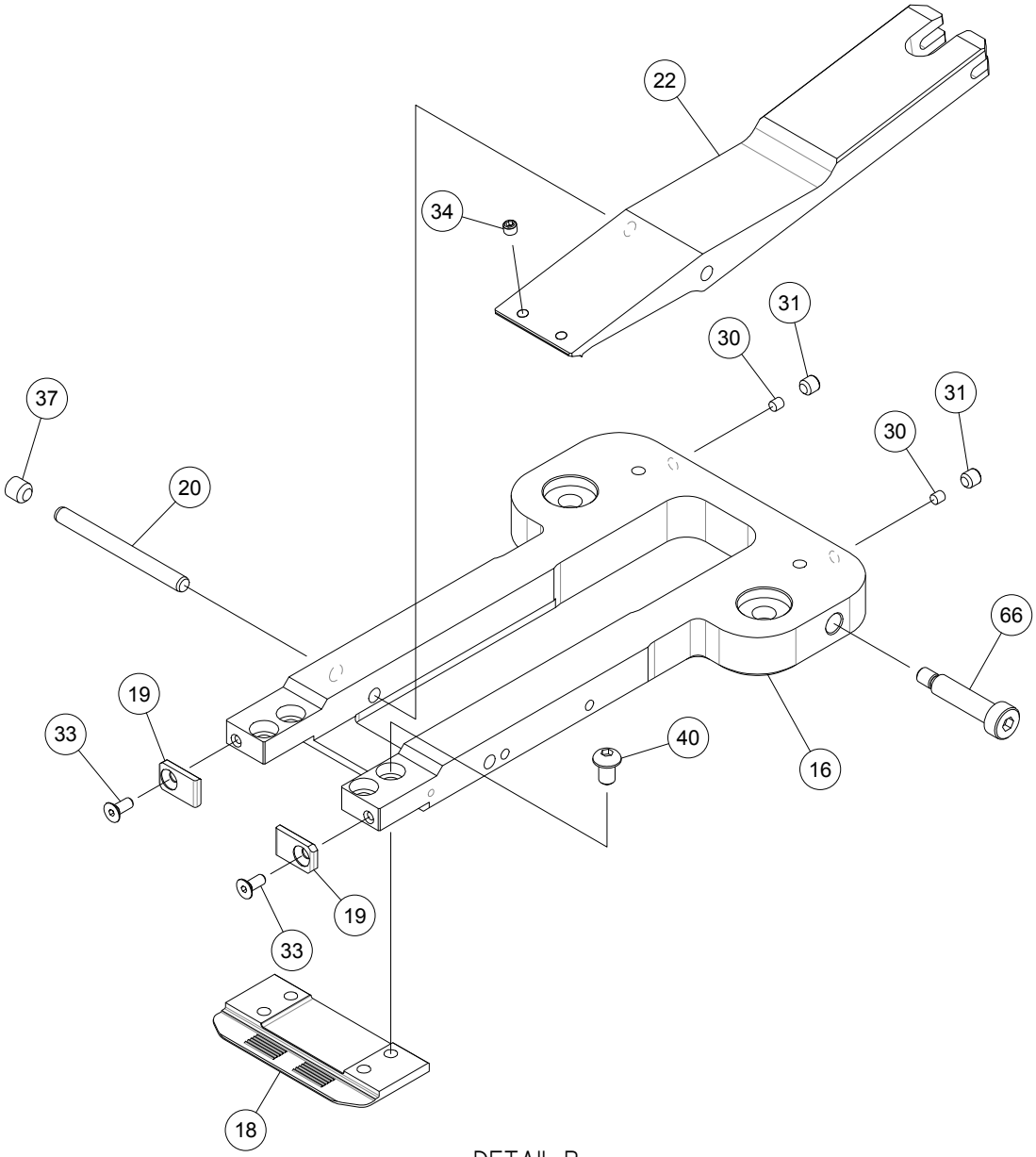
DETAIL A

MA03304--A



DETAIL B

MA03304--A

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403038 MA03304--A	Loading Workclamp ASSY	Index 2-71	3
2	74403039 MA03306--A	Clamp Housing		1
3	74453970 6894833	Lever Block		1
4	74450255 6891271	Pressure Pin		2
5	74450256 6891272	Lock Plate		1
6	74453971 P437354061	Lever IMAO Mfg	FKF12-SV	1
7	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	1
8	74183212 P332000020	Nut JIS	M12(Thin)	1
9	74080520 6894834--A	Plate		1
10	74776873 P338134069	Shoulder Screw MISUMI	MSB5.5-20	2
11	74450258 P320065245	Coil Spring MISUMI	WT8-20	2
12	74450259 7831148	Stroke Bearing THK	STF203270+151L	2

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613021 6891268--A	Roof Plate		1
14	74450261 7831646	Cylinder SMC	CQP2A50-24-DCJ234CJ with Index 15	1
15	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
16	74902501 MA03307--A	Clamp Base		1
17	74901759 0806009--A	Cushion		4
18	74902503 MA03309---	Clamp Plate		1
19	74450265 6891298	Stopper Plate		2
20	74571118 0826285	Parallel Pin		1
21	74450266 P337054019	Parallel Pin MISUMI	MS5-35	1
22	74902499 MA03302---	Clamper		1
23	74451840 3809552 A	Sensor Dog	L50X50X6	1
24	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	2

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303505 0826218	Hook Spring		2
26	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
27	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
28	74776790 P330570033	Socket Set Screw JIS	M10X20(Long Dog Point)	2
29	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	2
30	74303816 0806073	Insert		4
31	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	4
32	74183112 P330580006	Socket Set Screw JIS	M4X5(Truncated Cone Point)	4
33	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
34	74305513 0826186	Socket Set Screw	M5X6	2
35	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
36	74183621 P330230006	Hex Socket Cap Screw	M8X20	2

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

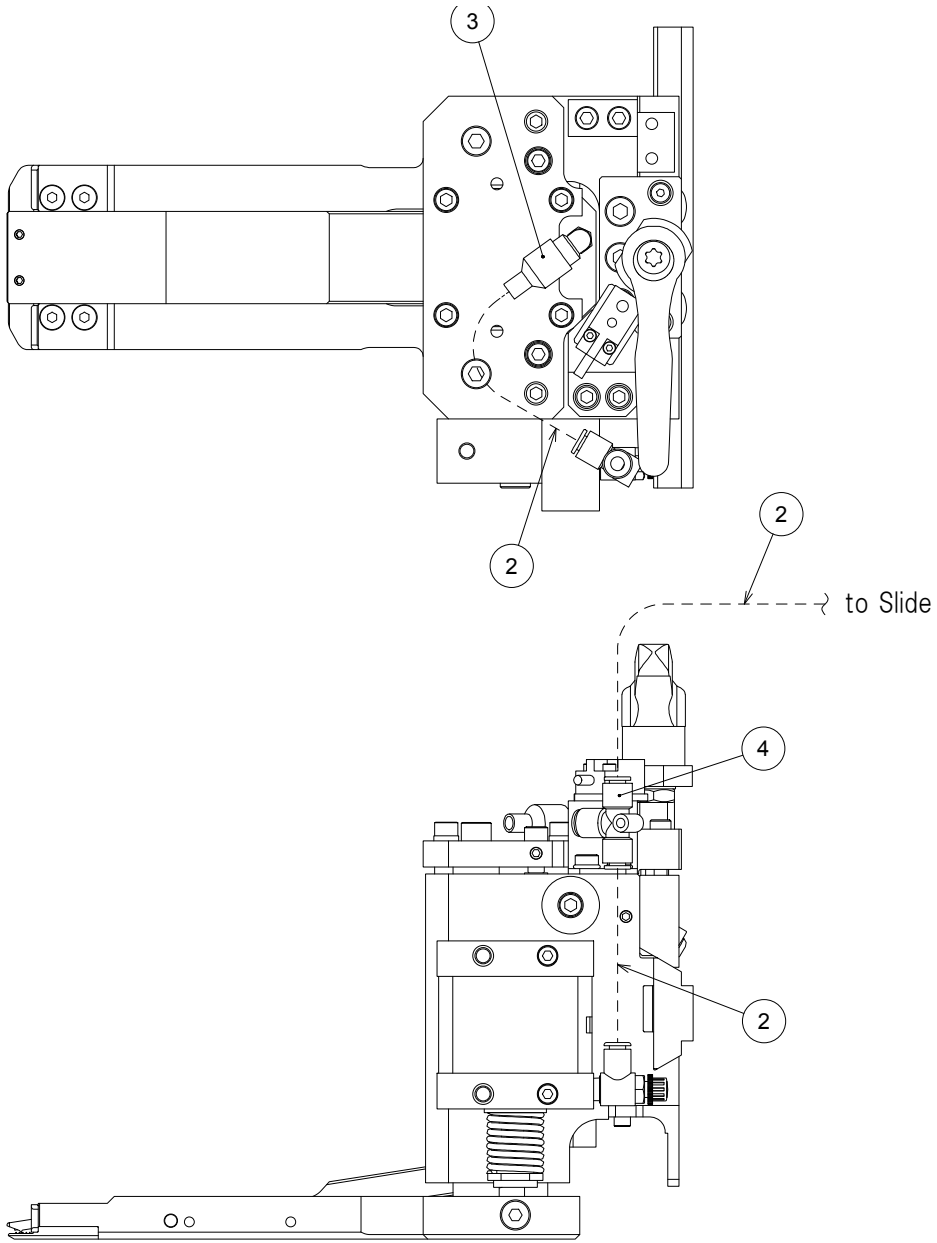
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74383659 P330590023	Socket Set Screw JIS	M8X8(Cup Point)	1
38	74902046 3834287---	Sensor Bracket		1
39	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
40	74183302 P334500013	Button Head Screw	M6X10	4
41	74571342 6827529	Insulating Plate		1
42	74902049 3834315---	Sensor Cable	with Index 43	1
43	74902899 S420360---	Proximity Switch YAMATAKE	FL2R-4J6HD	1
44	74450269 6891287	Dog		1
45	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
46	74354301 P330200007	Hex Socket Cap Screw JIS	M3X16	2
47	74776793 P330590007	Socket Set Screw JIS	M4X6(Cup Point)	2
48	74317823 6016671 A	Retainer		1

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74317827 6016672	Clamping Plate		1
50	74450270 6891283	Plate		1
51	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
52	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
53	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
54	74314404 P330210009	Hex Socket Cap Screw	M5X20	2
55	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	2
56	74450271 P336308004	Locking Washer NORD LOCK JAPAN	NL6SS	4
57	74450272 6891285	Roller Bracket		1
58	74382417 P400007019	Ball Bearing NSK	625ZZ1MC3E	2
59	74355302 P334500041	Button Head Screw	M5X15	2
60	74776840 P336000080	Washer	5(Normal)	2

Unit No. 439 Clamp Positioner <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903266 P550032011	Air Cylinder SMC	MUB32-10T	1
62	74386176 P555002056	Speed Controller SMC	AS2201F-01-06S	1
63	74304902 P330210012	Hex Socket Cap Screw	M5X35	2
64	74450796 P229258051	Stopper MISUMI	AZXS25-40-M6-21	1
65	74183614 P330220012	Hex Socket Cap Screw	M6X30	3
66	74379250 P338134019	Shoulder Screw MISUMI	MSB8-30	1
67	74902045 3834286--B	Connector Block		1
68	74902042 3834268--A	Washer		1
69	74902502 MA03308---	Pull Lot		1
70	74902041 3834267---	Spring		1
71	74776785 P330550043	Socket Set Screw JIS	M8X30(Flat Point)	1

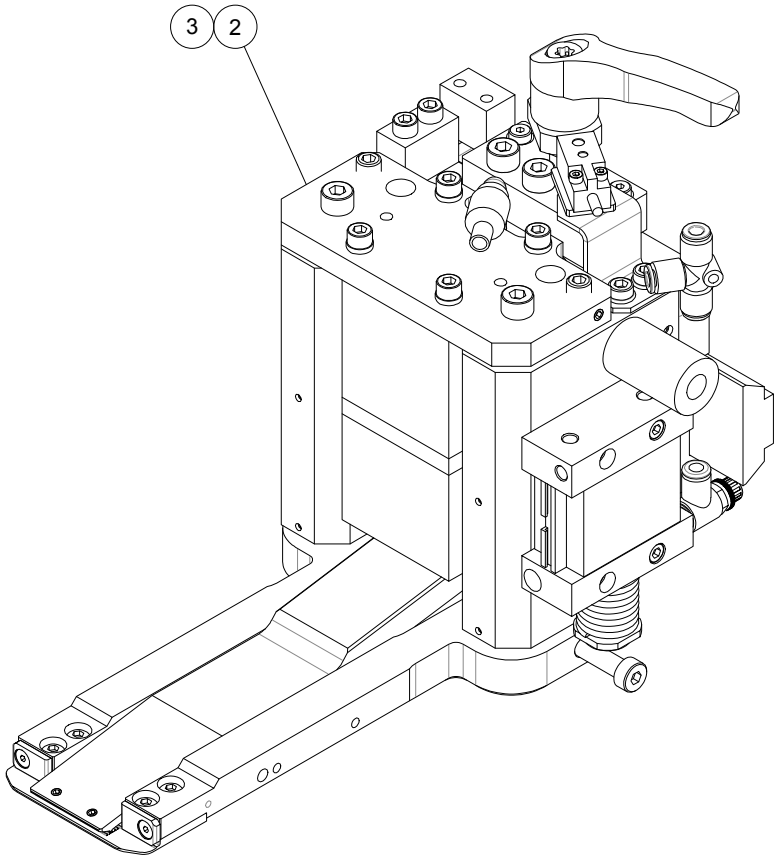


(1) Loading Workclamp Piping ASSY

MA03305---
(MA03304---)

Unit No. 440 Clamp Positioner <Loading Workclamp Piping ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA03305---	Loading Workclamp Piping ASSY	 Index 2-4	2
2	74903073 P230223149	Plastic Hose JUNKOSHA	SP4-06(Black)-0.175M	3
3	74777064 P586685004	Accessory for One Touch Fitting JUNKOSHA	CAP-06	1
4	74903334 P586593036	One Touch Fitting SMC	KRT06-00	1

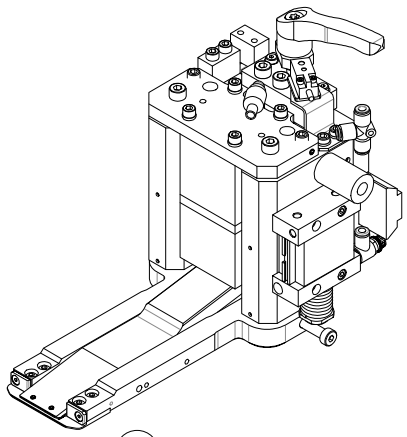


(1) L Workclamp ASSY

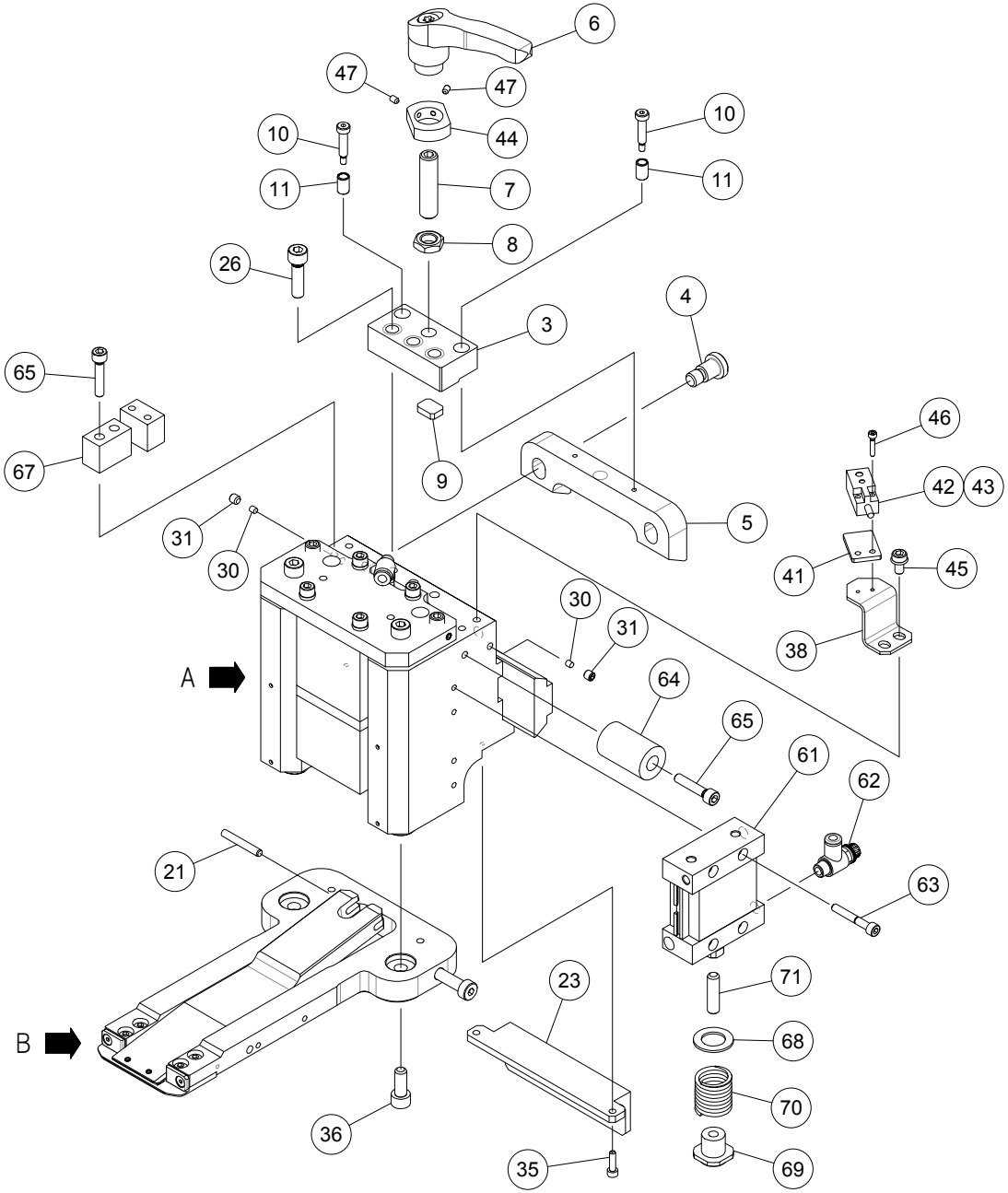
MA03315---

Unit No. 441 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 MA03315---	Loading Workclamp ASSY	 Index 23	1
2	74403038 MA03304--A	Loading Workclamp ASSY		1
3	 MA03305---	Loading Workclamp Piping ASSY		1



1 Loading Workclamp ASSY



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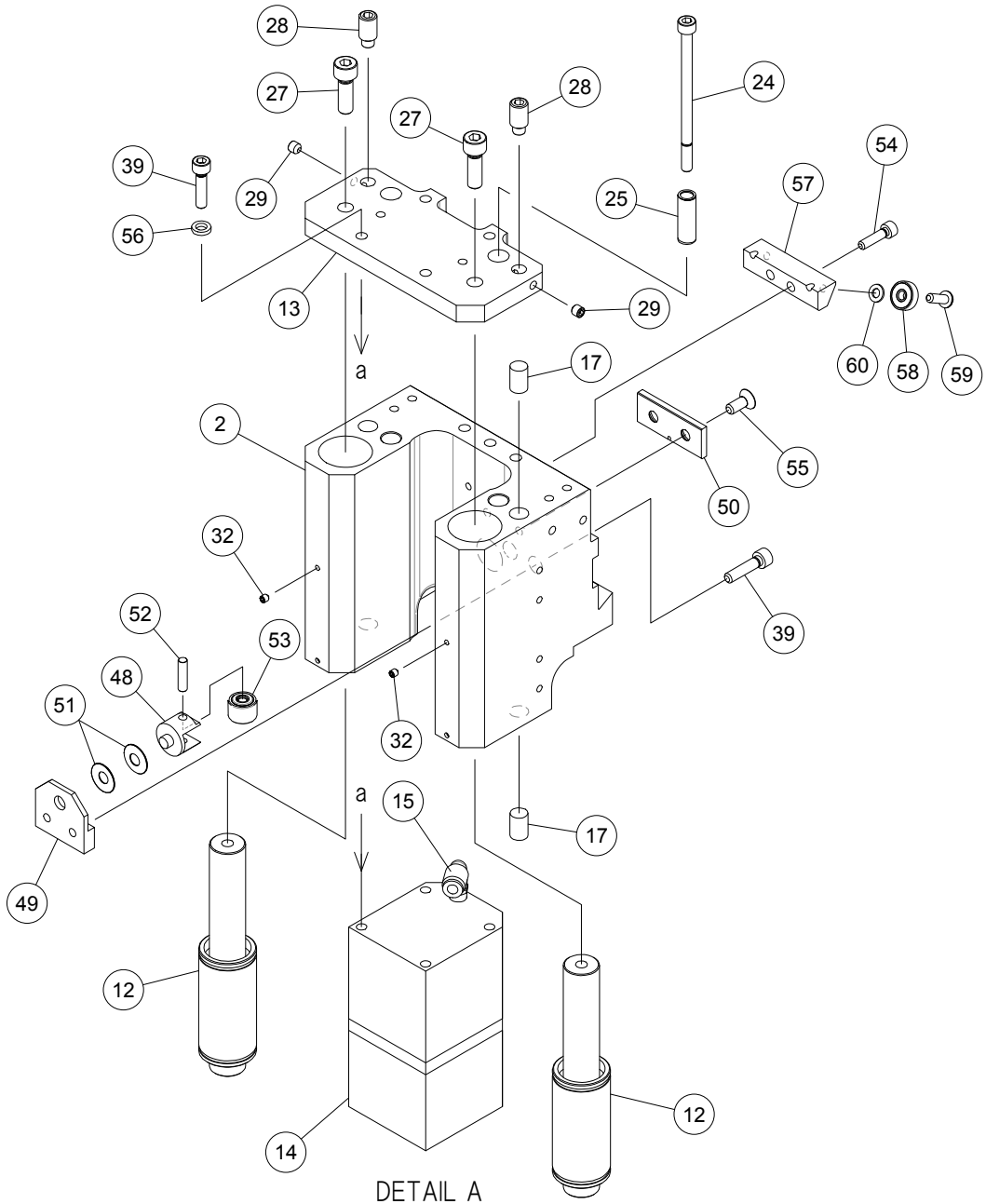
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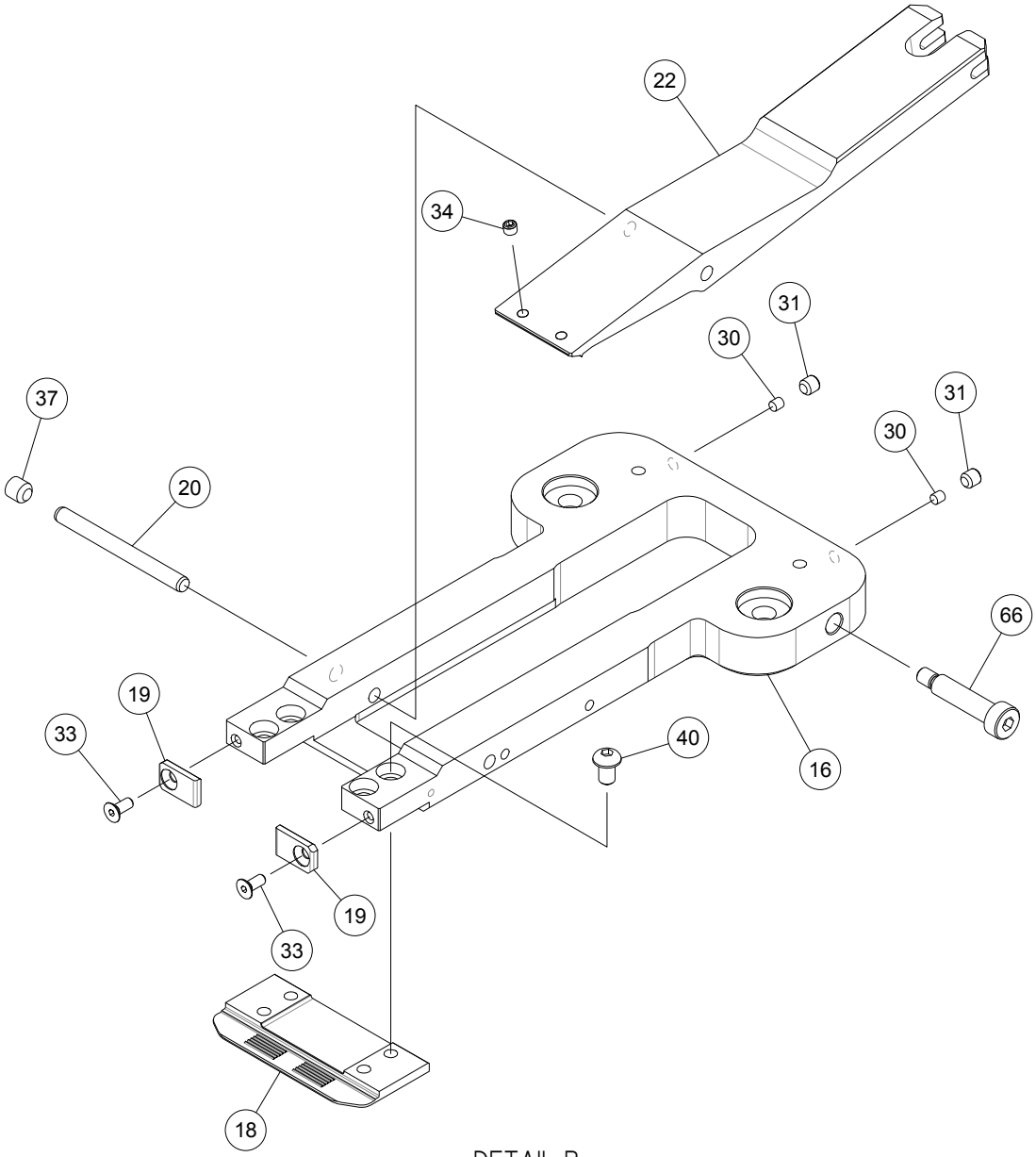
MA03304--A



DETAIL B

MA03304--A

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403038 MA03304--A	Loading Workclamp ASSY	Index 2-71	3
2	74403039 MA03306--A	Clamp Housing		1
3	74453970 6894833	Lever Block		1
4	74450255 6891271	Pressure Pin		2
5	74450256 6891272	Lock Plate		1
6	74453971 P437354061	Lever IMAO Mfg	FKF12-SV	1
7	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	1
8	74183212 P332000020	Nut JIS	M12(Thin)	1
9	74080520 6894834--A	Plate		1
10	74776873 P338134069	Shoulder Screw MISUMI	MSB5.5-20	2
11	74450258 P320065245	Coil Spring MISUMI	WT8-20	2
12	74450259 7831148	Stroke Bearing THK	STF203270+151L	2

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613021 6891268--A	Roof Plate		1
14	74450261 7831646	Cylinder SMC	CQP2A50-24-DCJ234CJ with Index 15	1
15	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
16	74902501 MA03307--A	Clamp Base		1
17	74901759 0806009--A	Cushion		4
18	74902503 MA03309---	Clamp Plate		1
19	74450265 6891298	Stopper Plate		2
20	74571118 0826285	Parallel Pin		1
21	74450266 P337054019	Parallel Pin MISUMI	MS5-35	1
22	74902499 MA03302---	Clamper		1
23	74451840 3809552 A	Sensor Dog	L50X50X6	1
24	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	2

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303505 0826218	Hook Spring		2
26	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
27	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
28	74776790 P330570033	Socket Set Screw JIS	M10X20(Long Dog Point)	2
29	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	2
30	74303816 0806073	Insert		4
31	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	4
32	74183112 P330580006	Socket Set Screw JIS	M4X5(Truncated Cone Point)	4
33	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
34	74305513 0826186	Socket Set Screw	M5X6	2
35	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
36	74183621 P330230006	Hex Socket Cap Screw	M8X20	2

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

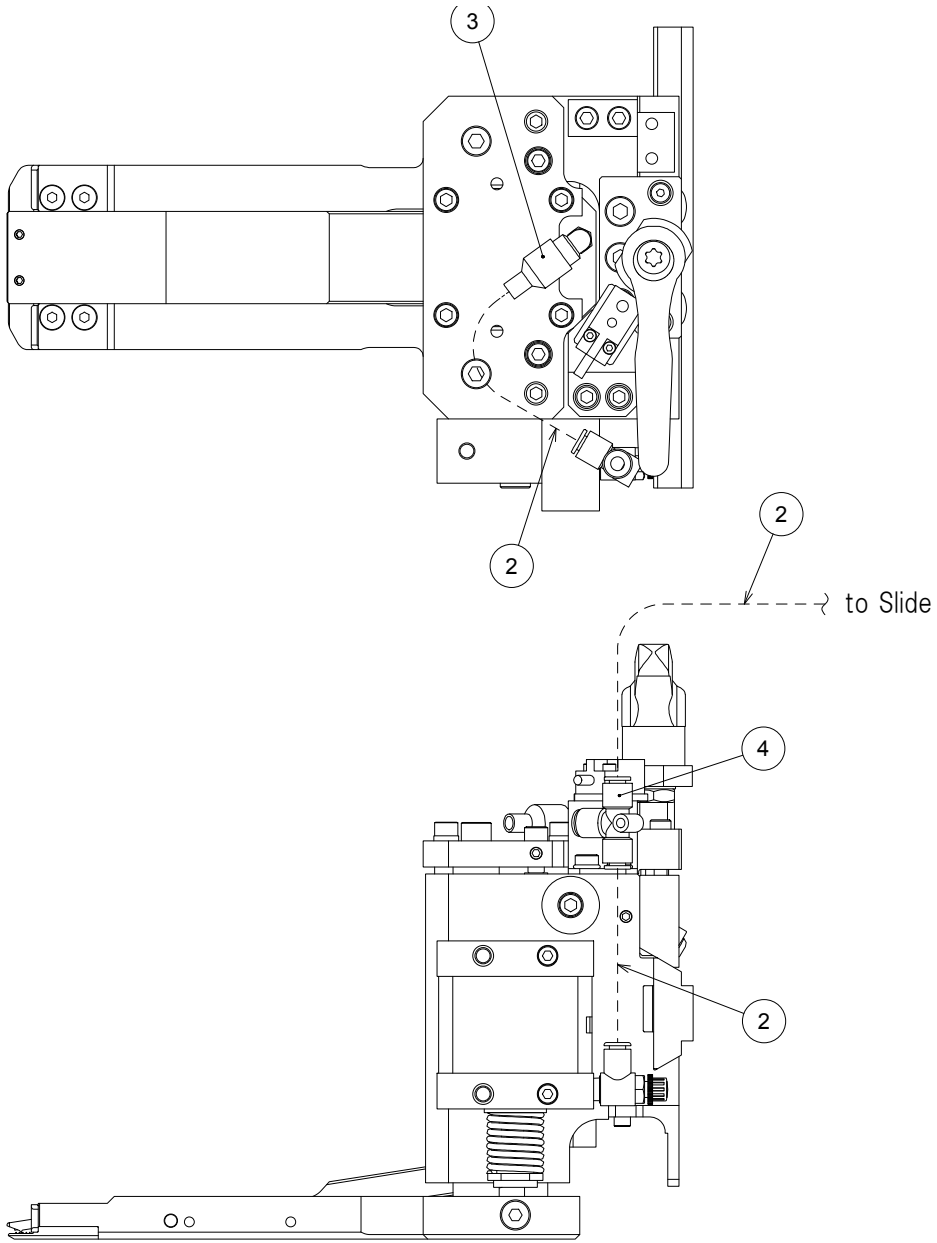
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74383659 P330590023	Socket Set Screw JIS	M8X8(Cup Point)	1
38	74902046 3834287---	Sensor Bracket		1
39	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
40	74183302 P334500013	Button Head Screw	M6X10	4
41	74571342 6827529	Insulating Plate		1
42	74902049 3834315---	Sensor Cable	with Index 43	1
43	74902899 S420360---	Proximity Switch YAMATAKE	FL2R-4J6HD	1
44	74450269 6891287	Dog		1
45	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
46	74354301 P330200007	Hex Socket Cap Screw JIS	M3X16	2
47	74776793 P330590007	Socket Set Screw JIS	M4X6(Cup Point)	2
48	74317823 6016671 A	Retainer		1

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74317827 6016672	Clamping Plate		1
50	74450270 6891283	Plate		1
51	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
52	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
53	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
54	74314404 P330210009	Hex Socket Cap Screw	M5X20	2
55	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	2
56	74450271 P336308004	Locking Washer NORD LOCK JAPAN	NL6SS	4
57	74450272 6891285	Roller Bracket		1
58	74382417 P400007019	Ball Bearing NSK	625ZZ1MC3E	2
59	74355302 P334500041	Button Head Screw	M5X15	2
60	74776840 P336000080	Washer	5(Normal)	2

Unit No. 442 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903266 / P550032011	Air Cylinder / SMC	MUB32-10T	1
62	74386176 / P555002056	Speed Controller / SMC	AS2201F-01-06S	1
63	74304902 / P330210012	Hex Socket Cap Screw	M5X35	2
64	74450796 / P229258051	Stopper / MISUMI	AZXS25-40-M6-21	1
65	74183614 / P330220012	Hex Socket Cap Screw	M6X30	3
66	74379250 / P338134019	Shoulder Screw / MISUMI	MSB8-30	1
67	74902045 / 3834286--B	Connector Block		1
68	74902042 / 3834268--A	Washer		1
69	74902502 / MA03308---	Pull Lot		1
70	74902041 / 3834267---	Spring		1
71	74776785 / P330550043	Socket Set Screw / JIS	M8X30(Flat Point)	1

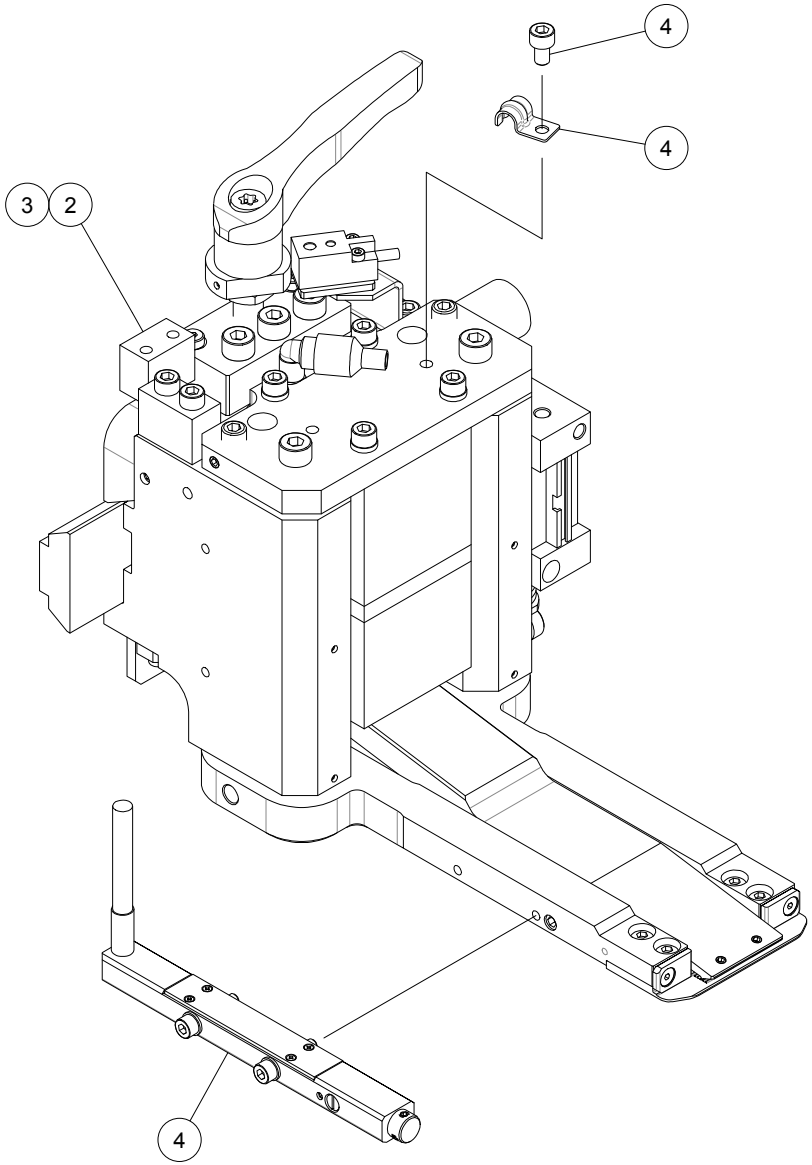


(1) Loading Workclamp Piping ASSY

MA03305---
(MA03304---)

Unit No. 443 Spare Workclamp <Loading Workclamp Piping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Loading Workclamp Piping ASSY		2
	MA03305---		Index 2-4	
2	74903073	Plastic Hose	SP4-06(Black)-0.175M	3
	P230223149	JUNKOSHA		
3	74777064	Accessory for One Touch Fitting	CAP-06	1
	P586685004	JUNKOSHA		
4	74903334	One Touch Fitting	KRT06-00	1
	P586593036	SMC		

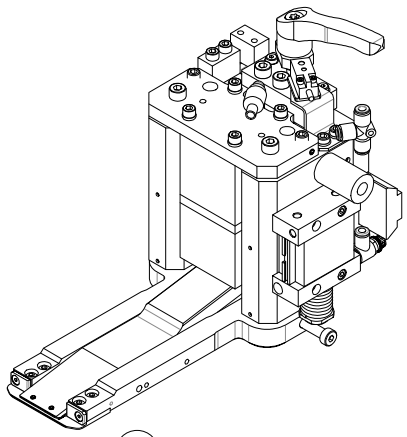


(1) L Workclamp ASSY (Line)

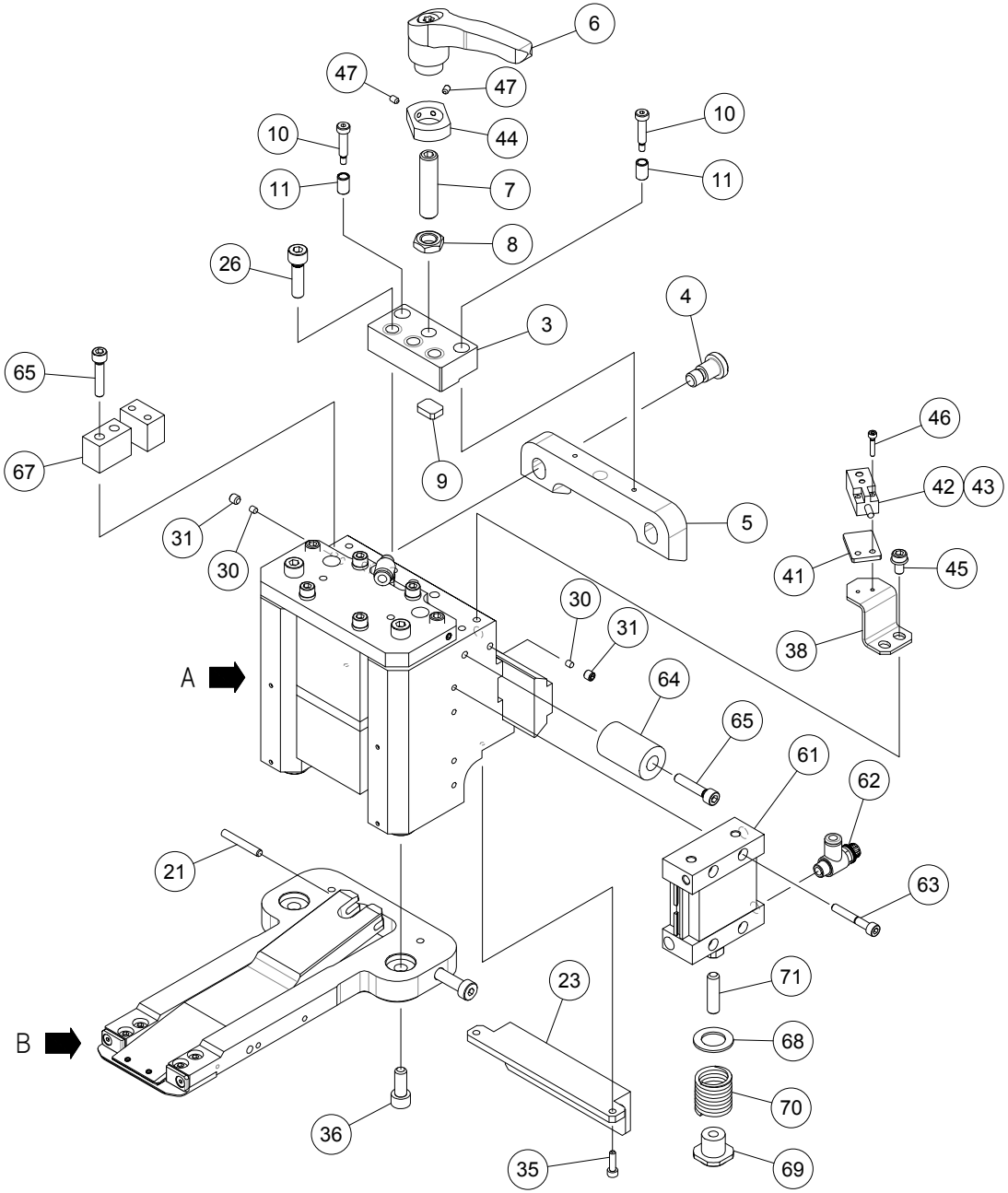
MA03316---

Unit No. 444 Spare Workclamp <Loading Workclamp ASSY (Line)>

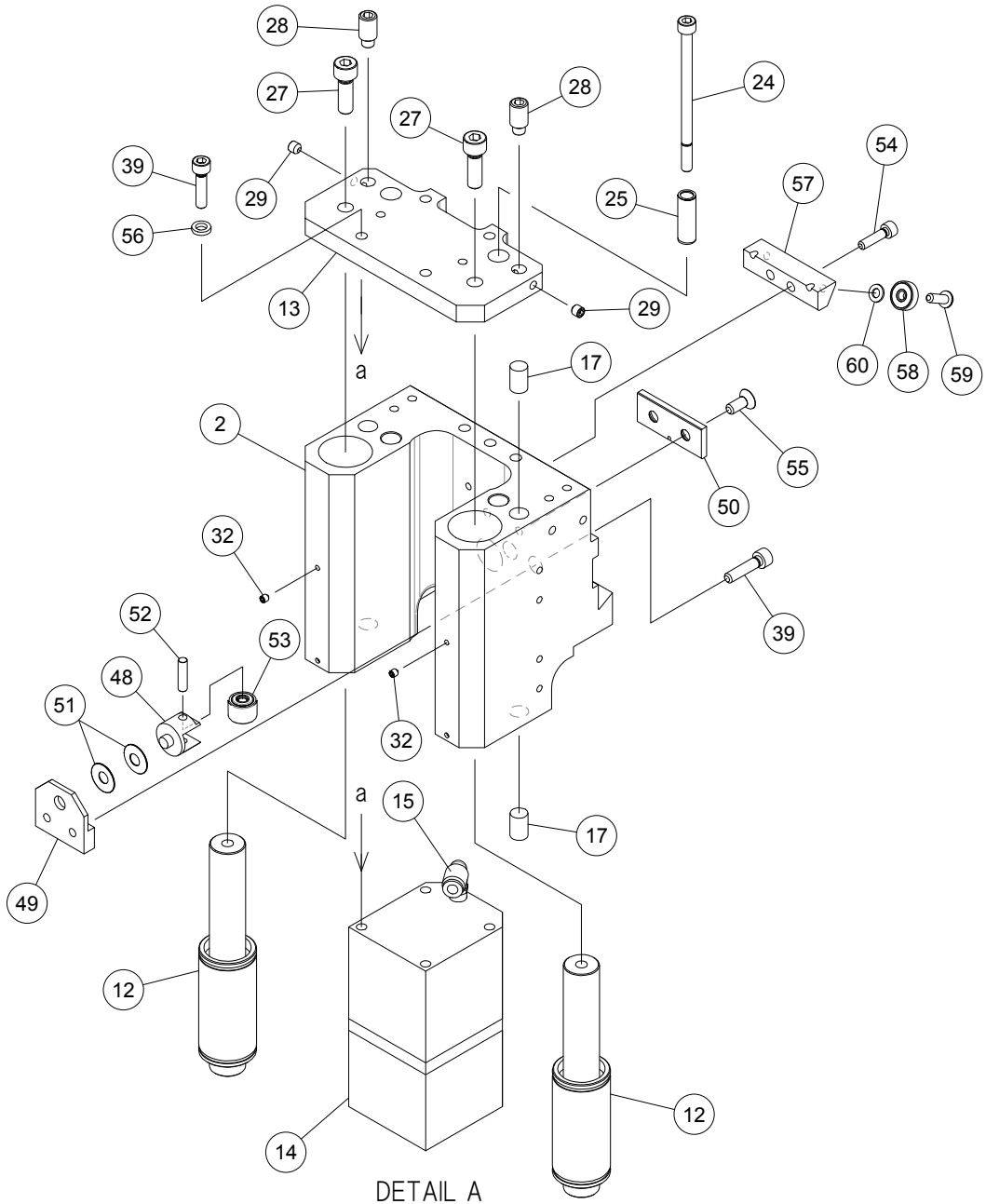
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03316---	Loading Workclamp ASSY (Line)	Index 2-4	1
2	74403038 / MA03304--A	Loading Workclamp ASSY		1
3	MA03305---	Loading Workclamp Piping ASSY		1
4	MA03911---	Y-axis Sensor ASSY		1



1 Loading Workclamp ASSY

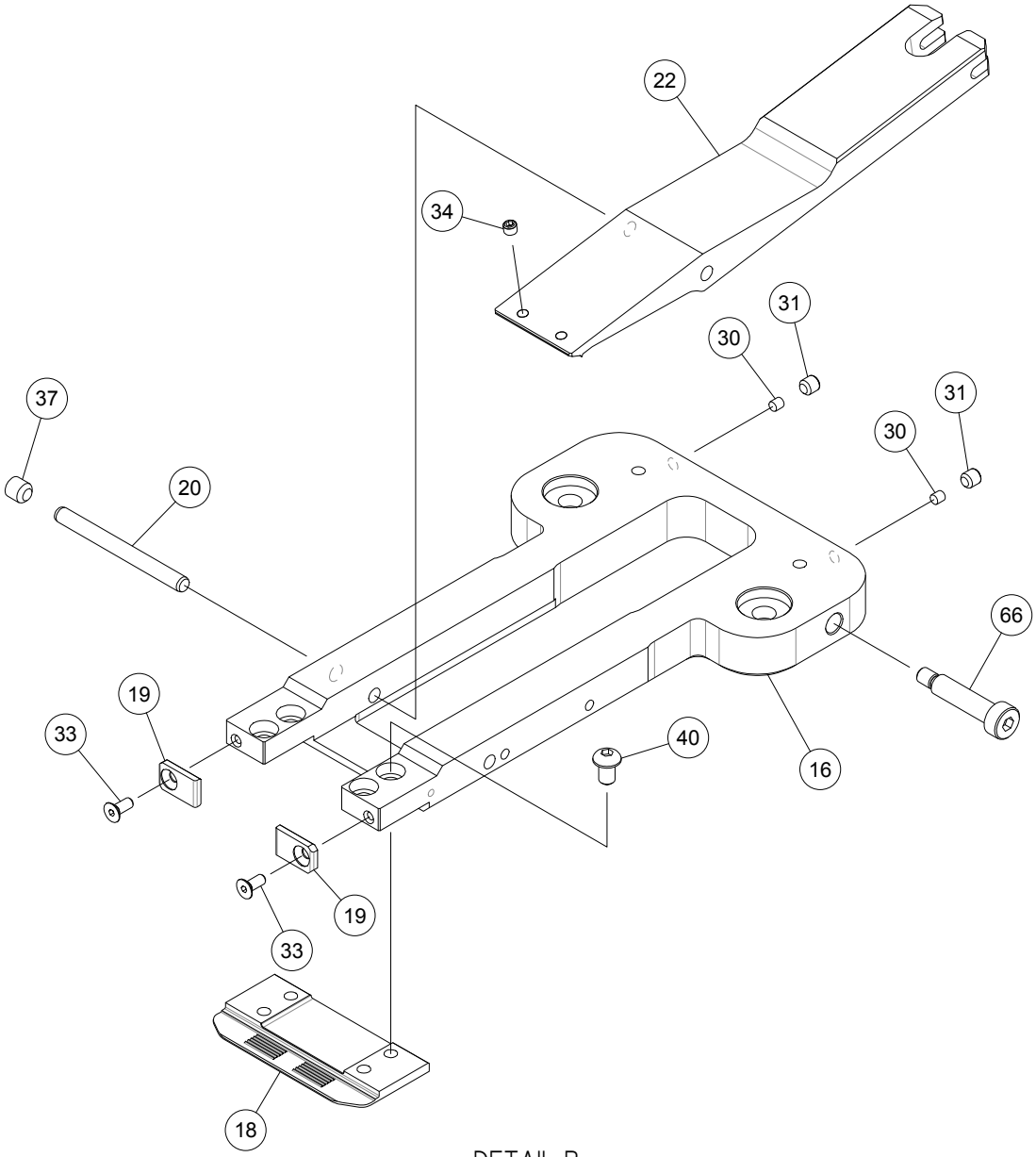


MA03304--A



DETAIL A

MA03304--A



DETAIL B

MA03304--A

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74403038 MA03304--A	Loading Workclamp ASSY	Index 2-71	3
2	74403039 MA03306--A	Clamp Housing		1
3	74453970 6894833	Lever Block		1
4	74450255 6891271	Pressure Pin		2
5	74450256 6891272	Lock Plate		1
6	74453971 P437354061	Lever IMAO Mfg	FKF12-SV	1
7	74353707 P330550066	Socket Set Screw JIS	M12X50(Flat Point)	1
8	74183212 P332000020	Nut JIS	M12(Thin)	1
9	74080520 6894834--A	Plate		1
10	74776873 P338134069	Shoulder Screw MISUMI	MSB5.5-20	2
11	74450258 P320065245	Coil Spring MISUMI	WT8-20	2
12	74450259 7831148	Stroke Bearing THK	STF203270+151L	2

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74613021 6891268--A	Roof Plate		1
14	74450261 7831646	Cylinder SMC	CQP2A50-24-DCJ234CJ with Index 15	1
15	74777048 P586623031	One Touch Fitting SMC	KQ2L06-01S (Elbow Union)	1
16	74902501 MA03307--A	Clamp Base		1
17	74901759 0806009--A	Cushion		4
18	74902503 MA03309---	Clamp Plate		1
19	74450265 6891298	Stopper Plate		2
20	74571118 0826285	Parallel Pin		1
21	74450266 P337054019	Parallel Pin MISUMI	MS5-35	1
22	74902499 MA03302---	Clamper		1
23	74451840 3809552 A	Sensor Dog	L50X50X6	1
24	74413043 P330220056	Hex Socket Cap Screw MOURI	M6X95	2

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74303505 0826218	Hook Spring		2
26	74183624 P330230008	Hex Socket Cap Screw	M8X30	3
27	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
28	74776790 P330570033	Socket Set Screw JIS	M10X20(Long Dog Point)	2
29	74305518 P330590017	Socket Set Screw JIS	M6X6(Cup Point)	2
30	74303816 0806073	Insert		4
31	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Point)	4
32	74183112 P330580006	Socket Set Screw JIS	M4X5(Truncated Cone Point)	4
33	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
34	74305513 0826186	Socket Set Screw	M5X6	2
35	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
36	74183621 P330230006	Hex Socket Cap Screw	M8X20	2

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

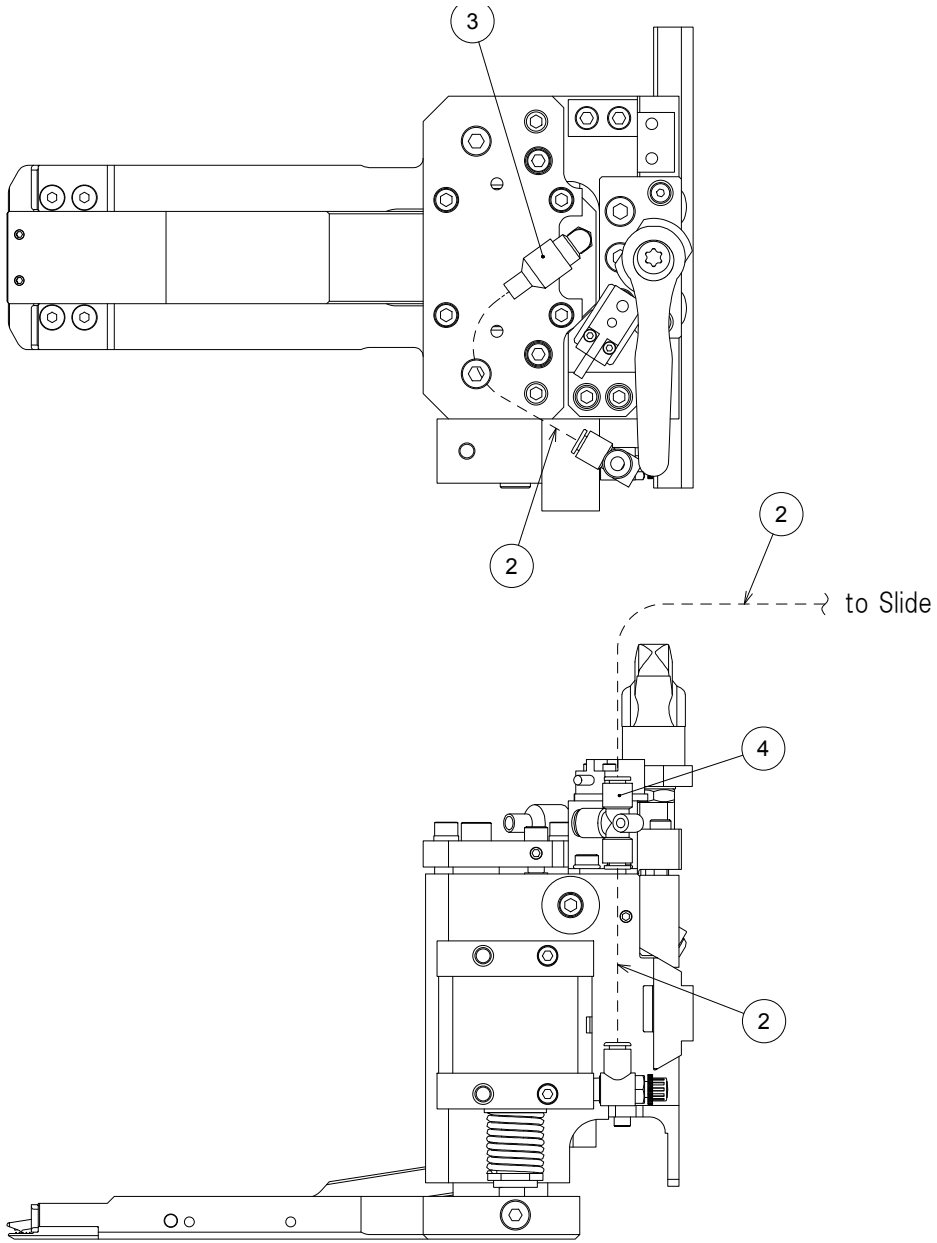
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74383659 P330590023	Socket Set Screw JIS	M8X8(Cup Point)	1
38	74902046 3834287---	Sensor Bracket		1
39	74300611 P330220011	Hex Socket Cap Screw	M6X25	6
40	74183302 P334500013	Button Head Screw	M6X10	4
41	74571342 6827529	Insulating Plate		1
42	74902049 3834315---	Sensor Cable	with Index 43	1
43	74902899 S420360---	Proximity Switch YAMATAKE	FL2R-4J6HD	1
44	74450269 6891287	Dog		1
45	74776775 P330468015	Flange Socket Bolt NISSAN NEJI	M6X10	2
46	74354301 P330200007	Hex Socket Cap Screw JIS	M3X16	2
47	74776793 P330590007	Socket Set Screw JIS	M4X6(Cup Point)	2
48	74317823 6016671 A	Retainer		1

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74317827 6016672	Clamping Plate		1
50	74450270 6891283	Plate		1
51	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
52	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
53	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
54	74314404 P330210009	Hex Socket Cap Screw	M5X20	2
55	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	2
56	74450271 P336308004	Locking Washer NORD LOCK JAPAN	NL6SS	4
57	74450272 6891285	Roller Bracket		1
58	74382417 P400007019	Ball Bearing NSK	625ZZ1MC3E	2
59	74355302 P334500041	Button Head Screw	M5X15	2
60	74776840 P336000080	Washer	5(Normal)	2

Unit No. 445 Spare Workclamp <Loading Workclamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74903266 / P550032011	Air Cylinder / SMC	MUB32-10T	1
62	74386176 / P555002056	Speed Controller / SMC	AS2201F-01-06S	1
63	74304902 / P330210012	Hex Socket Cap Screw	M5X35	2
64	74450796 / P229258051	Stopper / MISUMI	AZXS25-40-M6-21	1
65	74183614 / P330220012	Hex Socket Cap Screw	M6X30	3
66	74379250 / P338134019	Shoulder Screw / MISUMI	MSB8-30	1
67	74902045 / 3834286--B	Connector Block		1
68	74902042 / 3834268--A	Washer		1
69	74902502 / MA03308---	Pull Lot		1
70	74902041 / 3834267---	Spring		1
71	74776785 / P330550043	Socket Set Screw / JIS	M8X30(Flat Point)	1

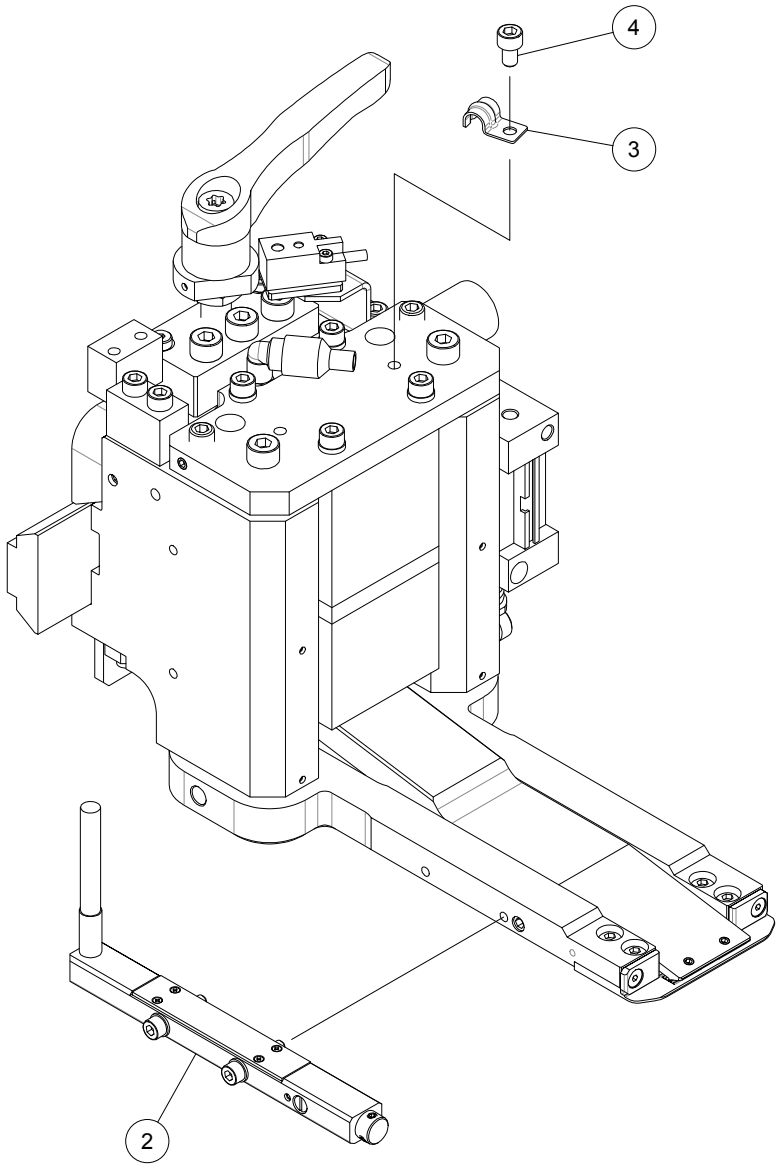


(1) Loading Workclamp Piping ASSY

MA03305---
(MA03304---)

Unit No. 446 Spare Workclamp <Loading Workclamp Piping ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Loading Workclamp Piping ASSY		2
	MA03305---		Index 2-4	
2	74903073	Plastic Hose	SP4-06(Black)-0.175M	3
	P230223149	JUNKOSHA		
3	74777064	Accessory for One Touch Fitting	CAP-06	1
	P586685004	JUNKOSHA		
4	74903334	One Touch Fitting	KRT06-00	1
	P586593036	SMC		

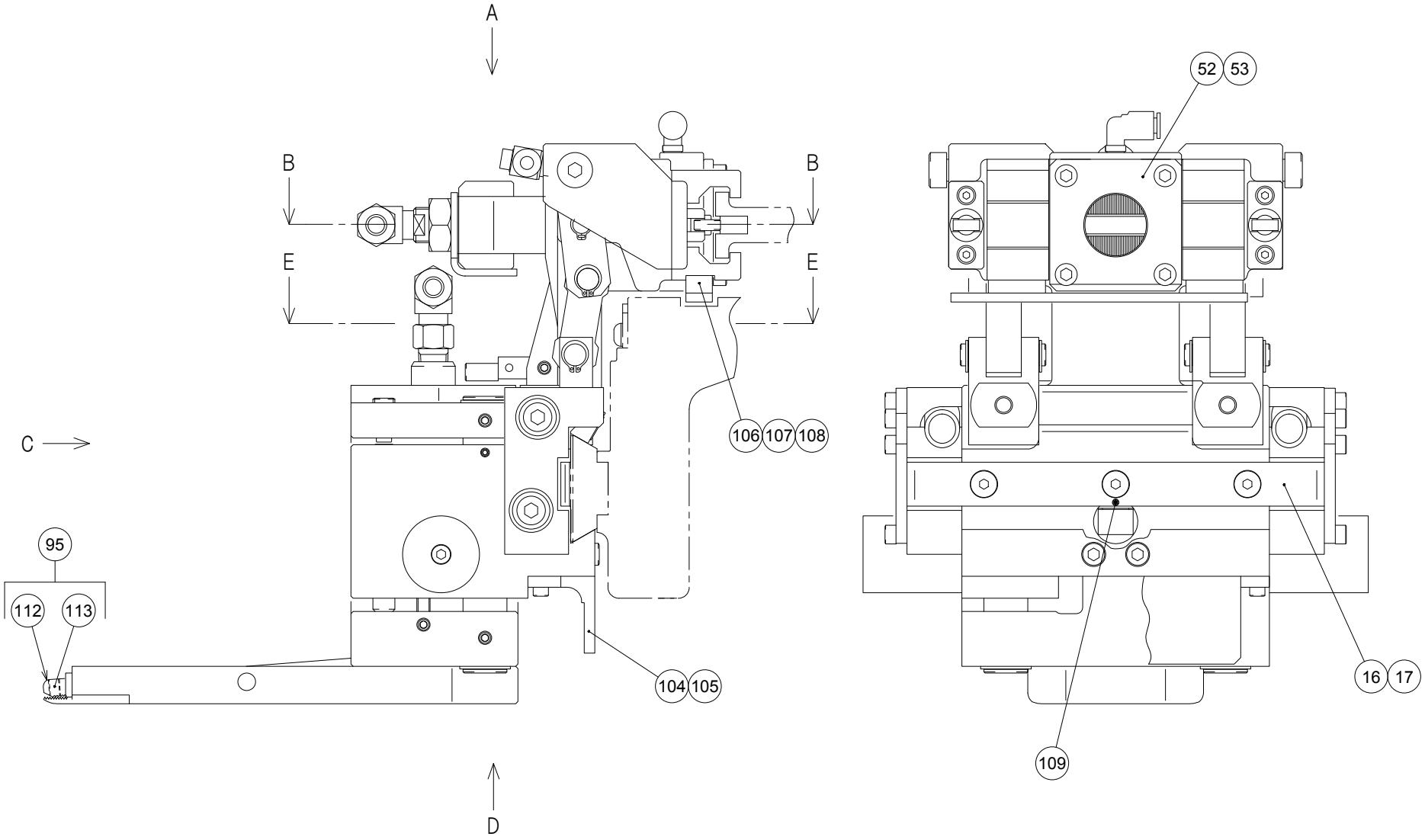


(1) Y-axis Sensor ASSY

MA03911---

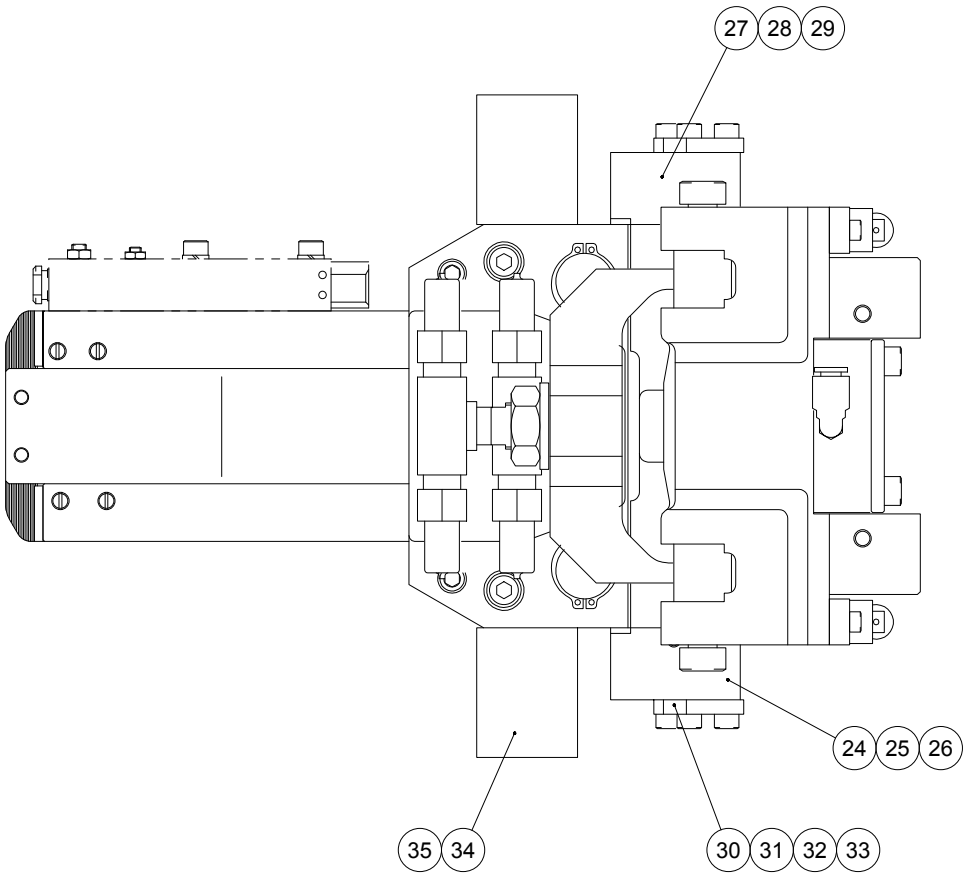
Unit No. 447 Spare Workclamp <Y-axis Sensor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03911---	Y-axis Sensor ASSY	Index 2-4	1
2	74902131 7834226---	Y-axis Sensor IT		1
3	74569040 P381017110	Saddle for Conduit DAIWA DENGYO	PZ0108(D6.2)	1
4	74776743 P330220003	Hex Socket Cap Screw	M6X10	1

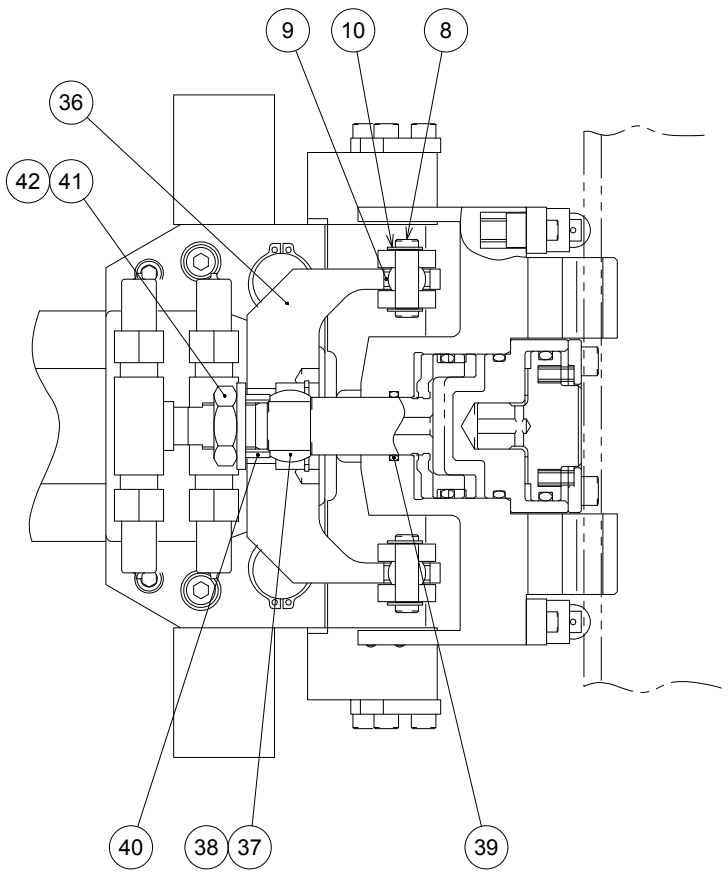


(1) C/P Clamp ASSY (2) (111) Sub ASSY

MA03317---
(3809560 D)

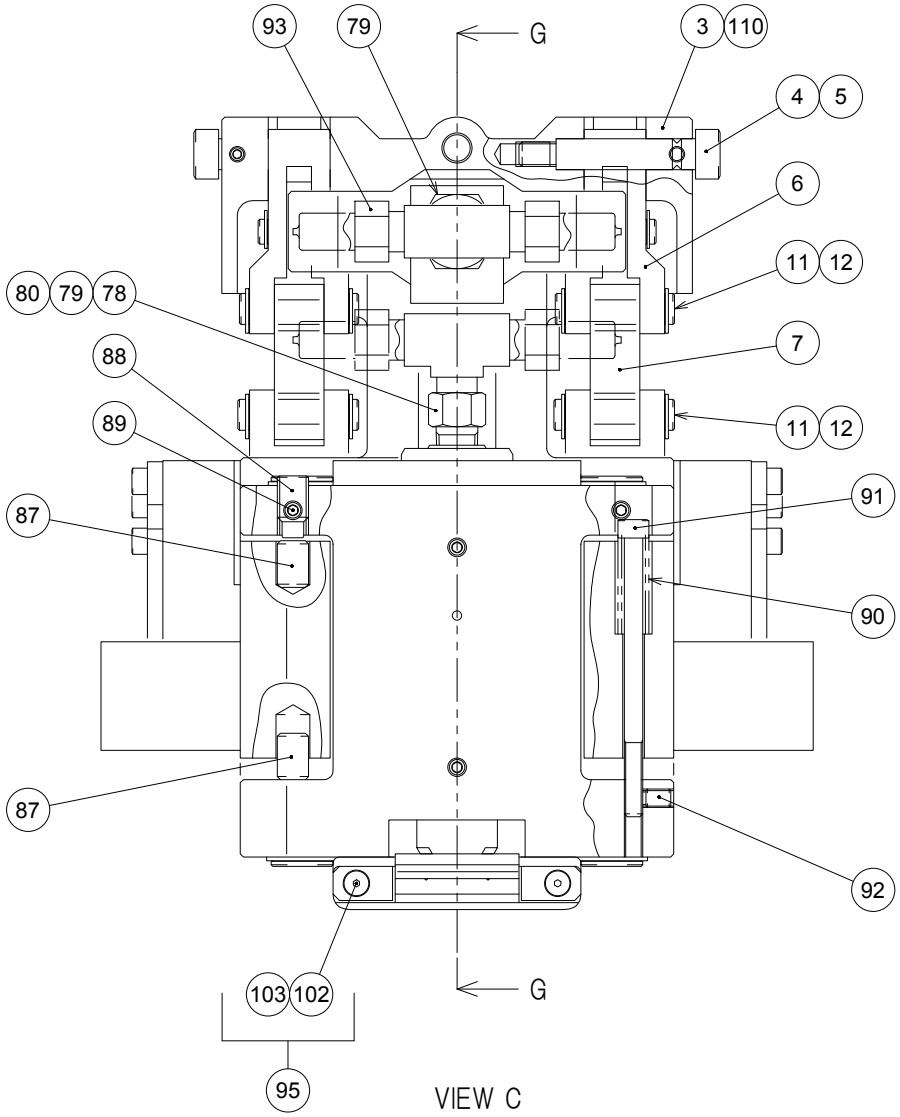


VIEW A

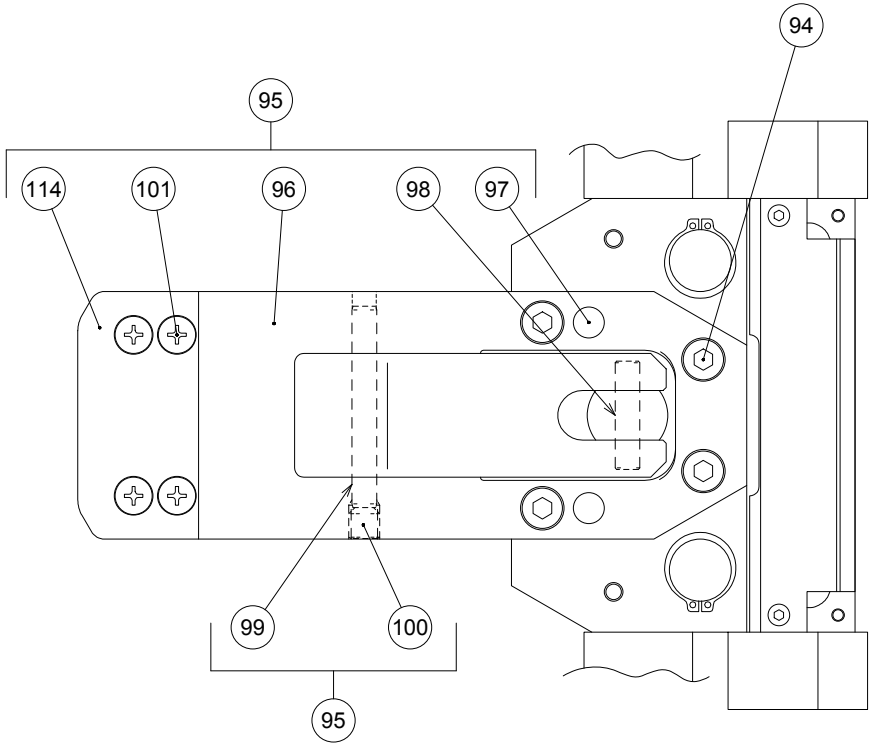


SECTION B-B

MA03317---
(3809560 D)

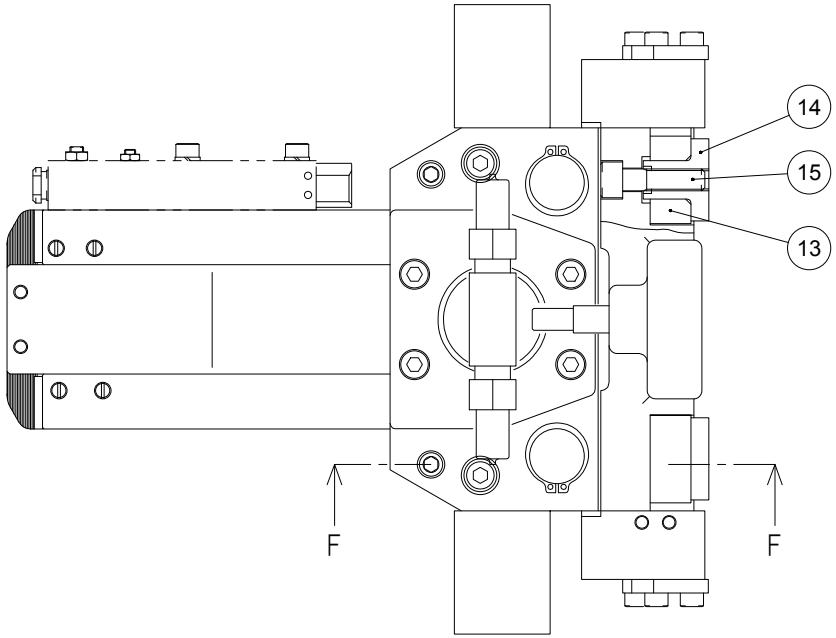


VIEW C

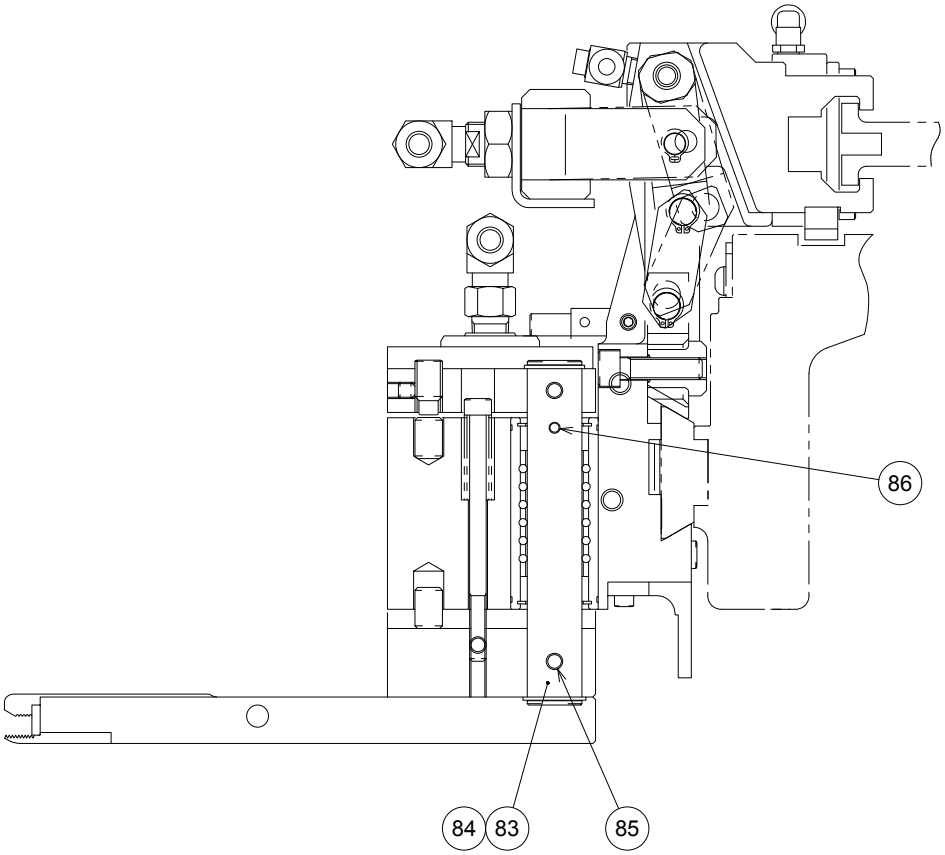


VIEW D

MA03317---
(3809560 D)

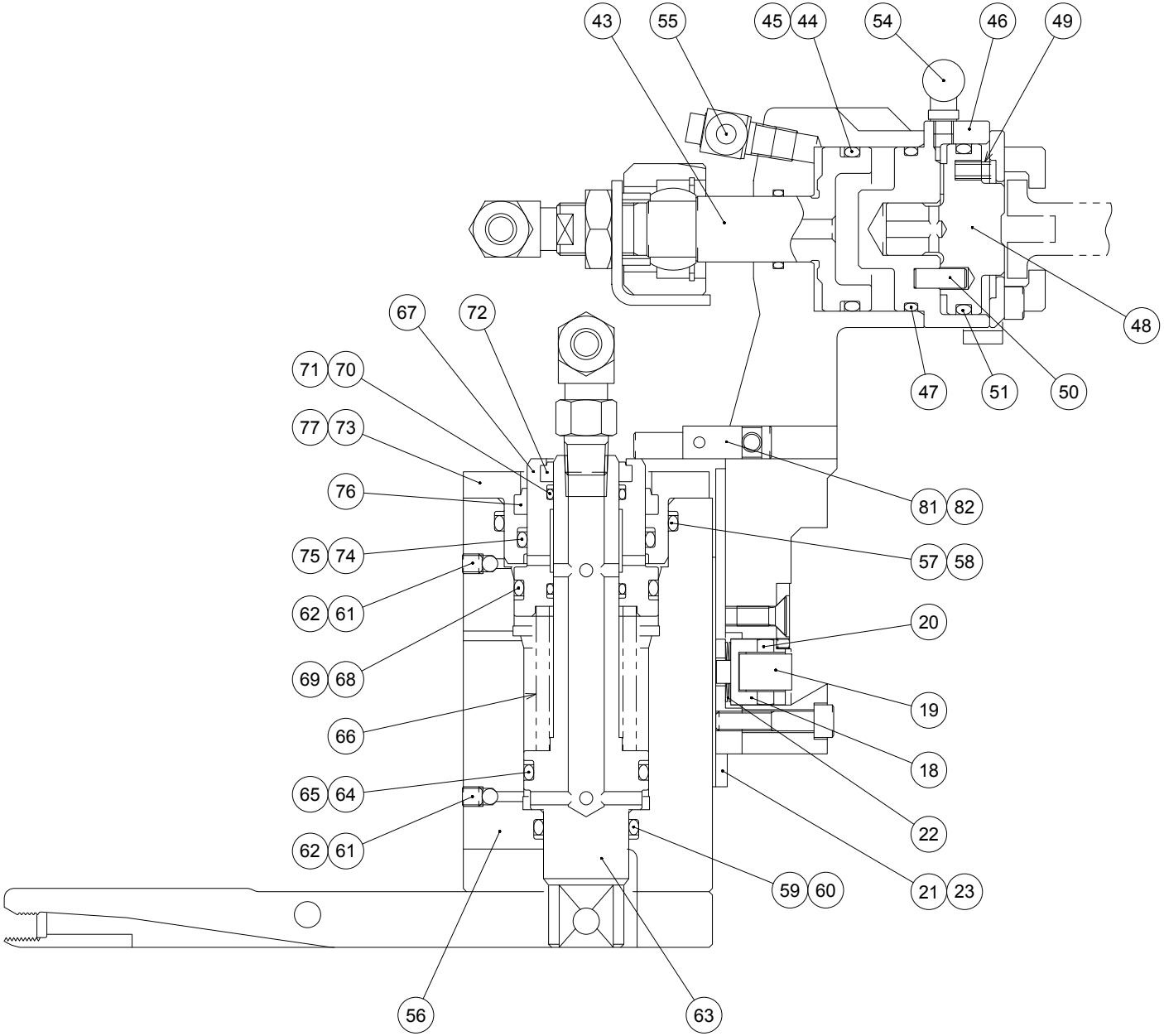


SECTION E-E



SECTION F-F

MA03317---
(3809560 D)



SECTION G-G

MA03317---
(3809560 D)

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03317---	C/P Clamp ASSY	Index 2-114	1
2	74403043 MA03367--B	Loading Workclamp ASSY C/P	Index 3-110	2
3	74902079 6820625--C	Clamp Housing		1
4	74317809 6016663	Shoulder Screw		2
5	74161717 P330580013	Socket Set Screw JIS	M5X8(Sharp Type)	2
6	74453233 6016664 B	Arm A		2
7	74453234 6016665 A	Arm B		2
8	74317902 6016666	Pin B		2
9	74318210 P409143006	Spherical Bearing IKO	GE8E	2
10	74314615 P406108031	Locating Snap Ring OCHIAI	STW-8	4
11	74317901 6016667	Pin A		4
12	74183425 P406108033	Locating Snap Ring OCHIAI	STW-10	8

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74453235 6016668 C	Lock Plate		2
14	74317911 6016669 A	Pressure Nut		2
15	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
16	74573646 6016670 A	Plate		1
17	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	3
18	74317823 6016671 A	Retainer		1
19	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
20	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
21	74317827 6016672	Clamping Plate		1
22	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
23	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
24	74569436 6820626	Bracket Side R		1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74573649 P409100540	Cam Follower THK & others	CF6UU	1
26	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
27	74569437 6820627	Bracket Side L		1
28	74573649 P409100540	Cam Follower THK & others	CF6UU	1
29	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
30	74318009 6013538 A	Scraper 1	SSH#100	2
31	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
32	74318010 6013539	Scraper 2	SSH#100	2
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
34	74317329 6016676 A	Stopper		2
35	74314406 P330210011	Hex Socket Cap Screw	M5X30	2
36	74453236 6910316 C	Arm Lock		1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74318209 P409143005	Spherical Bearing IKO	GE17ES	1
38	74318215 P406104001	Locating Snap Ring NTN	BR30	1
39	74318219 P590002018	O Ring NOK	1A-P20	1
40	74318023 6013552 A	Collar		1
41	74183215 P332000022	Nut JIS	M16(Thin)	1
42	74812171 6910309 A	Stopper Plate		1
43	74565291 6910304 C	Piston A		1
44	74571333 P590002043	O Ring NOK	1A-P44	1
45	74565301 P590042096	Backup Ring NOK	T2-P44	1
46	74565294 6910306 A	Cap Cylinder		1
47	74706144 P590012005	O Ring NOK	1A-G45	1
48	74812172 6820572 A	Piston B		1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74565297 P320065150	Coil Spring MISUMI	WH5-15	6
50	74387845 P337020270	Parallel Pin JIS	A-6X15	1
51	74573662 P590002045	O Ring NOK	1A-P46	1
52	74183616 P330220014	Hex Socket Cap Screw	M6X40	4
53	74565296 6910307	Cylinder Cover	F60X60	1
54	74812173 P586563217	One Touch Fitting SMC	KAL06-M6	1
55	74812174 P586563216	One Touch Fitting SMC	KRV06-01S	1
56	74416430 0826253 C	Cylinder		1
57	74317108 P590002049	O Ring NOK	1A-P50	1
58	74317112 P590042044	Backup Ring NOK	T2-P50	1
59	74903338 P590002026	O Ring NOK	1A-P26	1
60	74116015 P590042008	Backup Ring NOK	T2-P26	1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74316027 P406000002	Steel Ball (for Bearing) JIS	3/16	2
62	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
63	74901760 0826254--F	Piston		1
64	74314825 P590002033	O Ring NOK	1A-P32	1
65	74717104 P590042042	Backup Ring NOK	T2-P32	1
66	74453609 0826255 B	Return Spring		1
67	74371563 0826256 B	Piston B		1
68	74316014 P590002038	O Ring NOK	1A-P38	1
69	74316019 P590042043	Backup Ring NOK	T2-P38	1
70	74318219 P590002018	O Ring NOK	1A-P20	2
71	74318217 P590042041	Backup Ring NOK	T2-P20	2
72	74318236 P590303024	Wiper Ring SAKAGAMI	SDR-20	1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74380326 0826257 B	Cylinder Cover		1
74	74316013 P590002037	O Ring NOK	1A-P36	1
75	74316018 P590042045	Backup Ring NOK	T2-P36	1
76	74318237 P590303025	Wiper Ring SAKAGAMI	SDR-36	1
77	74183608 P330220006	Hex Socket Cap Screw	M6X15	6
78	74812175 P580000052	Socket for Piping KOYO	SXS-82810	1
79	74812176 P580107007	Tee KOYO	SMT-81810	2
80	74718723 P589026003	Quick Connect Joint NITTO KOHKI	1P-SUS	2
81	74317903 0826252 A	Stop Pin		1
82	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
83	74902113 7830778--A	Stroke Bearing THK	STF203270+126L(B)	2
84	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	4

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

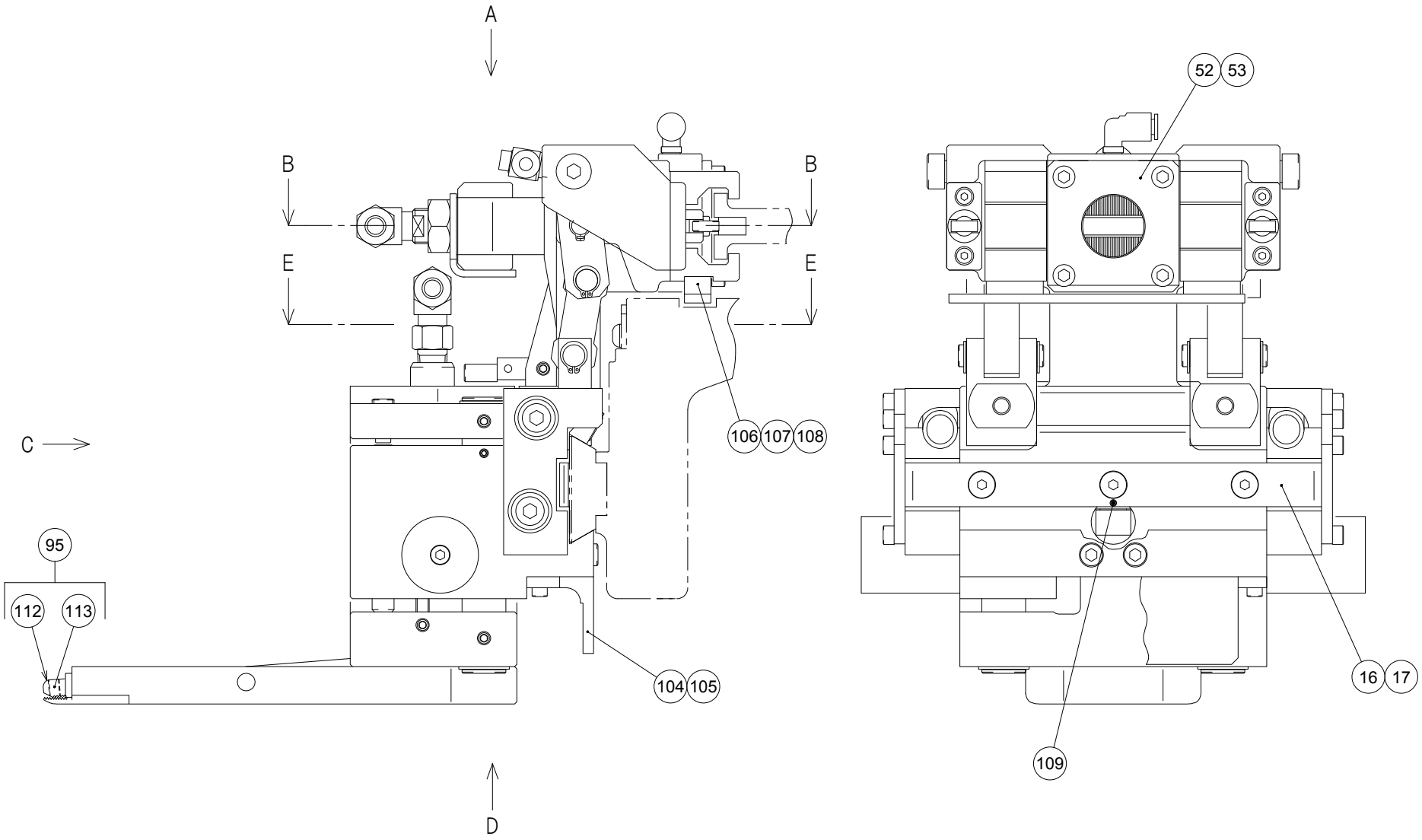
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	4
86	74183112 P330580006	Socket Set Screw JIS	M4X5(Sharp Type)	4
87	74901759 0806009--A	Cushion		4
88	74776790 P330570033	Socket Set Screw JIS	M10X20(Dog-end)	2
89	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	2
90	74303505 0826218	Hook Spring		2
91	74304955 P330220024	Hex Socket Cap Screw	M6X90	2
92	74812177 P338298009	Socket Set Screw with Pad MISUMI	SBCP6-8	2
93	74453516 P589026038	Quick Connect Joint NITTO KOHKI	1P-SS400	2
94	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
95	74901758 SPT0134---	C/P Clamp Base ASSY	MA03371---MA03372---0826274 & others Index 96-103112-114	1
96	74902515 MA03371---	Clamp Base (Hydraulic)		1

Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74562190 / P337054046	Parallel Pin / MISUMI	MSTM10-30	2
98	74571154 / P337020048	Parallel Pin / JIS	A-8X35	1
99	74571153 / 0826286	Parallel Pin		1
100	74301604 / P330590035	Socket Set Screw / JIS	M10X10(Dimple Type)	1
101	74161590 / 0826035	Flat Head Screw	M6X12-SUS304	4
102	74421338 / 0816026 D	Stopper Plate		2
103	79316333 / P334520011	Flat Head Bolt / NISSAN NEJI	M4X10	2
104	74451840 / 3809552 A	Sensor Dog	L50X50X6	1
105	74183601 / P330200018	Hex Socket Cap Screw	M4X15	2
106	74318027 / 6013554	Detection Bar		1
107	74570242 / 6820571	Spacer	F12X8-26	2
108	74776835 / P334520055	Flat Head Bolt / NISSAN NEJI	M5X20	2

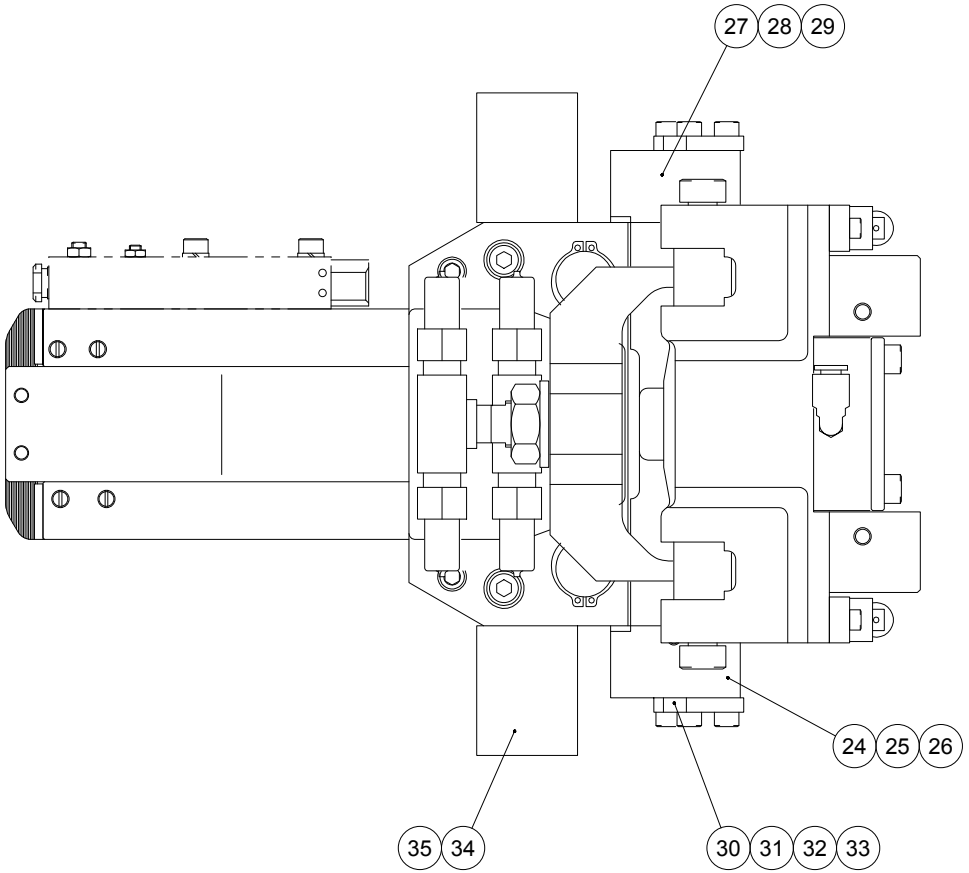
Unit No. 448 Spare Workclamp <C/P Clamp ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74903134 P330550148	Socket Set Screw MOURI	M3X4(Flat Type)-A2-70	1
110	74902514 MA03370---	Clamp Housing Add Works		1
111	 MA03368---	L10MM (C/P) ASSY	 Index 112-114	2
112	74902516 MA03372---	Clamper (Hydraulic 10mm)		1
113	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	2
114	74161578 0826274	Clamping Plate (Hydraulic)		1

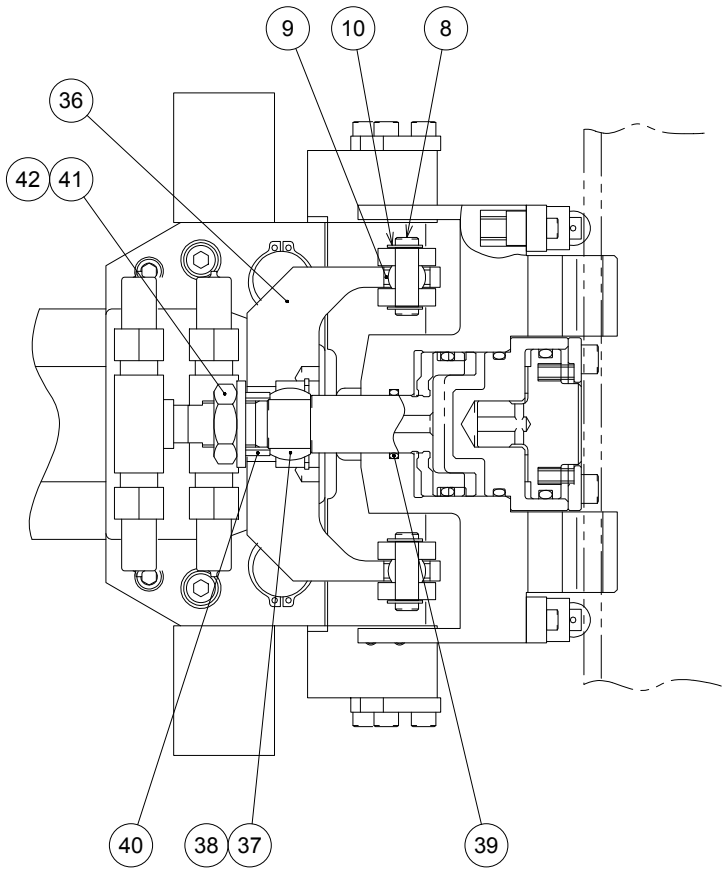


(1) C/P Clamp ASSY (Line) (2)(111)(115) Sub ASSY

MA03318---
(3809560 D)

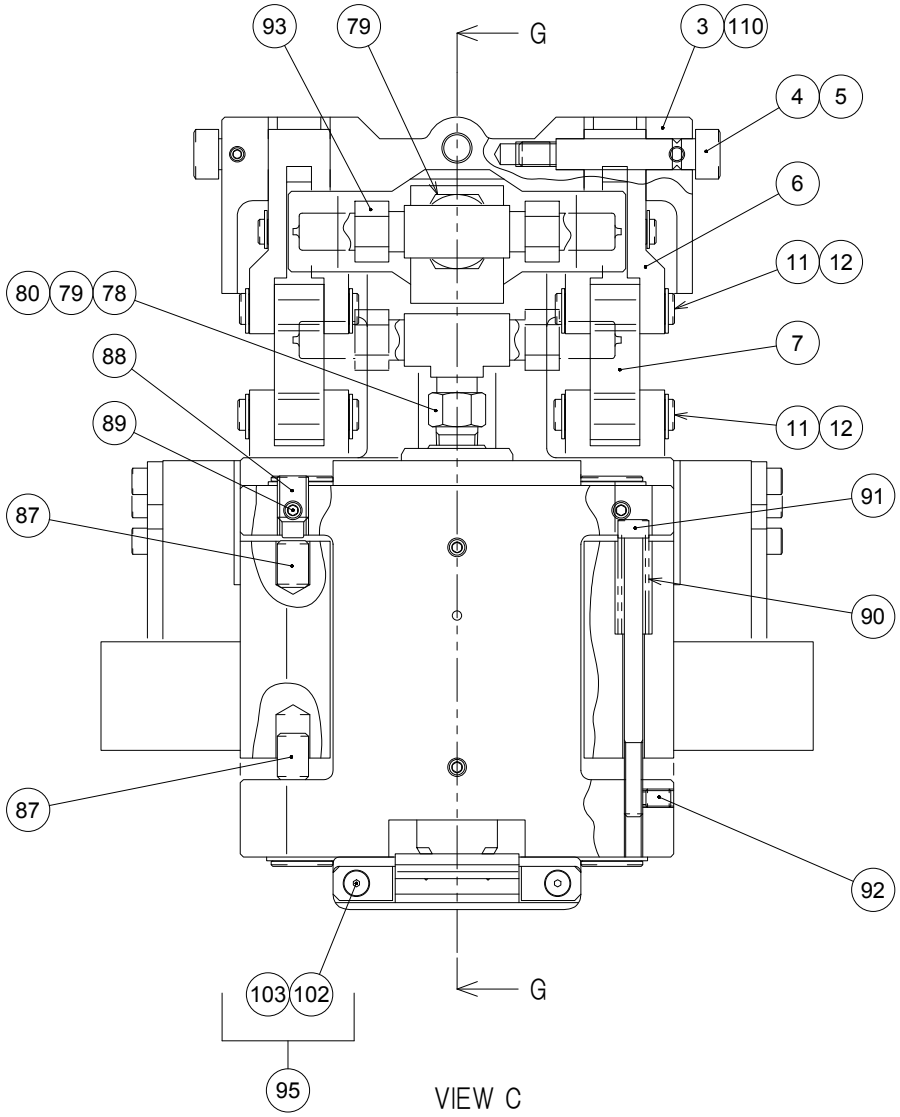


VIEW A



SECTION B-B

MA03318---
(3809560 D)



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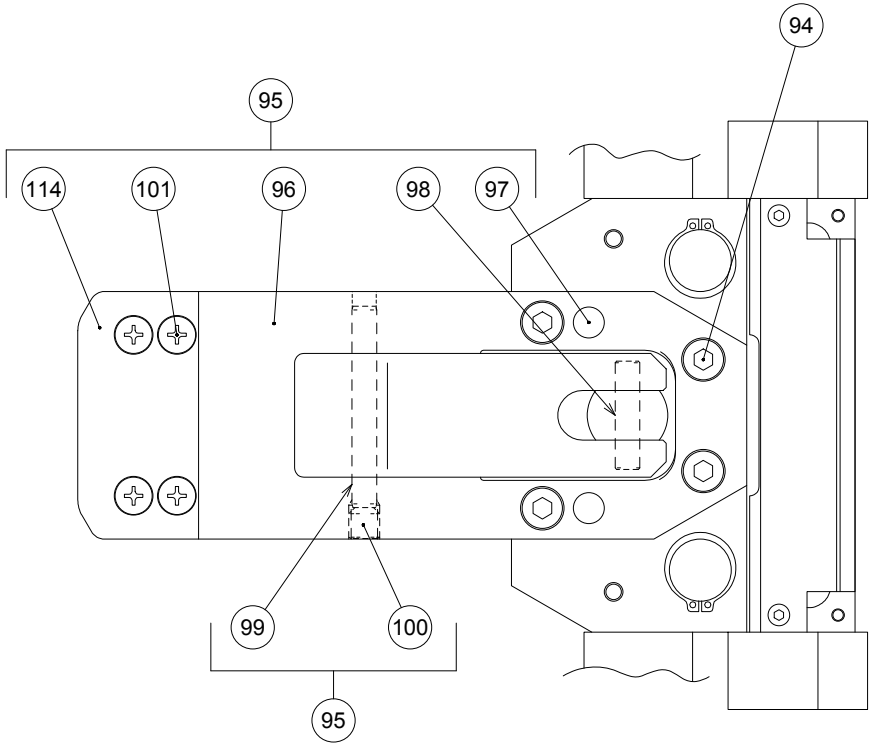

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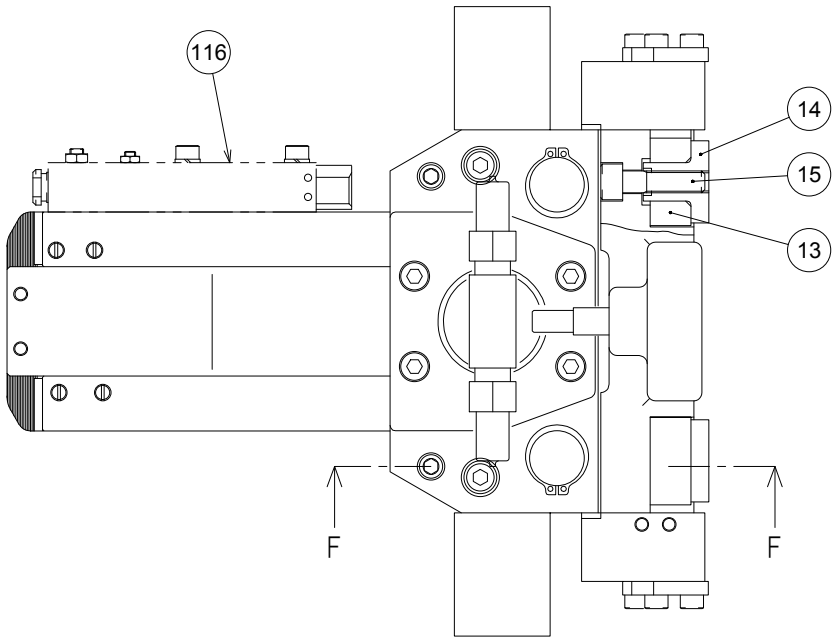
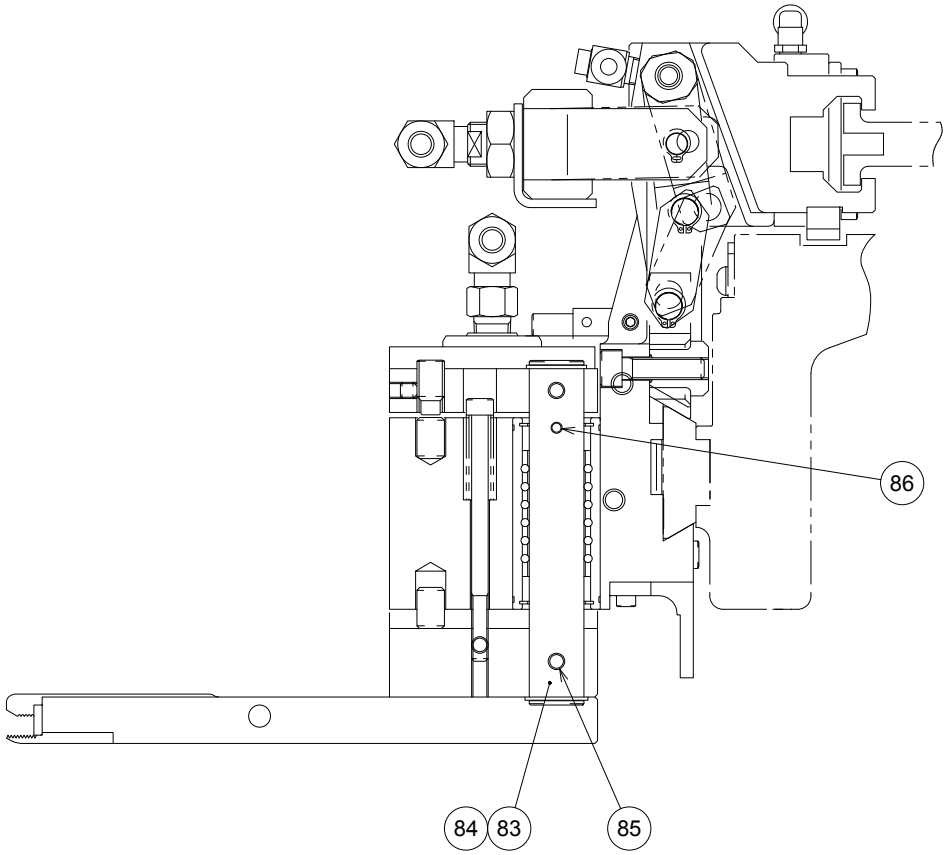
MA03318---
(3809560 D)

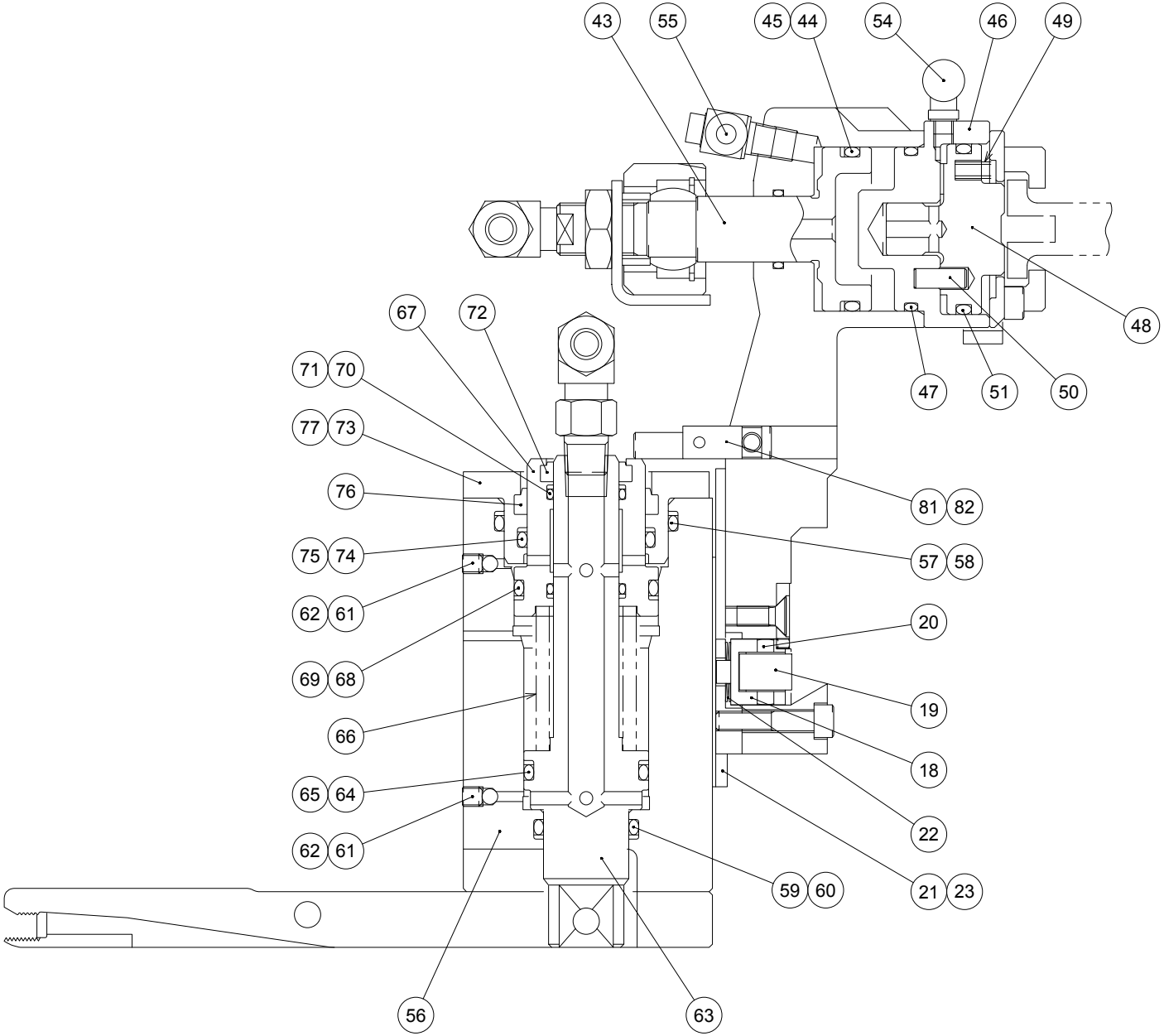


SECTION E-E



SECTION F-F

MA03318---
(3809560 D)



SECTION G-G

MA03318---
(3809560 D)

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	MA03318---	C/P Clamp ASSY (Line)	Index 2-116	1
2	74403043 MA03367--B	Loading Workclamp ASSY C/P	Index 3-110	2
3	74902079 6820625--C	Clamp Housing		1
4	74317809 6016663	Shoulder Screw		2
5	74161717 P330580013	Socket Set Screw	M5X8(Sharp Type) JIS	2
6	74453233 6016664 B	Arm A		2
7	74453234 6016665 A	Arm B		2
8	74317902 6016666	Pin B		2
9	74318210 P409143006	Spherical Bearing	GE8E IKO	2
10	74314615 P406108031	Locating Snap Ring	STW-8 OCHIAI	4
11	74317901 6016667	Pin A		4
12	74183425 P406108033	Locating Snap Ring	STW-10 OCHIAI	8

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74453235 6016668 C	Lock Plate		2
14	74317911 6016669 A	Pressure Nut		2
15	74183624 P330230008	Hex Socket Cap Screw	M8X30	2
16	74573646 6016670 A	Plate		1
17	74305021 P334520001	Flat Head Bolt NISSAN NEJI	M6X15	3
18	74317823 6016671 A	Retainer		1
19	74573647 P409112065	Roller Follower THK & others	NART5UUR	1
20	74718705 P406017001	Steel Roller (for Bearing) NSK	5X19.8	1
21	74317827 6016672	Clamping Plate		1
22	74318241 P336155013	Conical Spring Washer HHK	MDS7-3	2
23	74183614 P330220012	Hex Socket Cap Screw	M6X30	2
24	74569436 6820626	Bracket Side R		1

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74573649 P409100540	Cam Follower THK & others	CF6UU	1
26	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
27	74569437 6820627	Bracket Side L		1
28	74573649 P409100540	Cam Follower THK & others	CF6UU	1
29	74776772 P330468003	Flange Socket Bolt NISSAN NEJI	M8X25	2
30	74318009 6013538 A	Scraper 1	SSH#100	2
31	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
32	74318010 6013539	Scraper 2	SSH#100	2
33	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
34	74317329 6016676 A	Stopper		2
35	74314406 P330210011	Hex Socket Cap Screw	M5X30	2
36	74453236 6910316 C	Arm Lock		1

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
37	74318209	Spherical Bearing	GE17ES	1
	P409143005	IKO		
38	74318215	Locating Snap Ring	BR30	1
	P406104001	NTN		
39	74318219	O Ring	1A-P20	1
	P590002018	NOK		
40	74318023	Collar		1
	6013552 A			
41	74183215	Nut	M16(Thin)	1
	P332000022	JIS		
42	74812171	Stopper Plate		1
	6910309 A			
43	74565291	Piston A		1
	6910304 C			
44	74571333	O Ring	1A-P44	1
	P590002043	NOK		
45	74565301	Backup Ring	T2-P44	1
	P590042096	NOK		
46	74565294	Cap Cylinder		1
	6910306 A			
47	74706144	O Ring	1A-G45	1
	P590012005	NOK		
48	74812172	Piston B		1
	6820572 A			

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
49	74565297	Coil Spring	WH5-15	6
	P320065150	MISUMI		
50	74387845	Parallel Pin	A-6X15	1
	P337020270	JIS		
51	74573662	O Ring	1A-P46	1
	P590002045	NOK		
52	74183616	Hex Socket Cap Screw	M6X40	4
	P330220014			
53	74565296	Cylinder Cover	F60X60	1
	6910307			
54	74812173	One Touch Fitting	KAL06-M6	1
	P586563217	SMC		
55	74812174	One Touch Fitting	KRV06-01S	1
	P586563216	SMC		
56	74416430	Cylinder		1
	0826253 C			
57	74317108	O Ring	1A-P50	1
	P590002049	NOK		
58	74317112	Backup Ring	T2-P50	1
	P590042044	NOK		
59	74903338	O Ring	1A-P26	1
	P590002026	NOK		
60	74116015	Backup Ring	T2-P26	1
	P590042008	NOK		

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
61	74316027 P406000002	Steel Ball (for Bearing) JIS	3/16	2
62	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	2
63	74901760 0826254--F	Piston		1
64	74314825 P590002033	O Ring NOK	1A-P32	1
65	74717104 P590042042	Backup Ring NOK	T2-P32	1
66	74453609 0826255 B	Return Spring		1
67	74371563 0826256 B	Piston B		1
68	74316014 P590002038	O Ring NOK	1A-P38	1
69	74316019 P590042043	Backup Ring NOK	T2-P38	1
70	74318219 P590002018	O Ring NOK	1A-P20	2
71	74318217 P590042041	Backup Ring NOK	T2-P20	2
72	74318236 P590303024	Wiper Ring SAKAGAMI	SDR-20	1

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
73	74380326 0826257 B	Cylinder Cover		1
74	74316013 P590002037	O Ring NOK	1A-P36	1
75	74316018 P590042045	Backup Ring NOK	T2-P36	1
76	74318237 P590303025	Wiper Ring SAKAGAMI	SDR-36	1
77	74183608 P330220006	Hex Socket Cap Screw	M6X15	6
78	74812175 P580000052	Socket for Piping KOYO	SXS-82810	1
79	74812176 P580107007	Tee KOYO	SMT-81810	2
80	74718723 P589026003	Quick Connect Joint NITTO KOHKI	1P-SUS	2
81	74317903 0826252 A	Stop Pin		1
82	74305504 P330550024	Socket Set Screw JIS	M6X6(Flat Type)	1
83	74902113 7830778--A	Stroke Bearing THK	STF203270+126L(B)	2
84	74183427 P406108043	Locating Snap Ring OCHIAI	STW-20	4

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

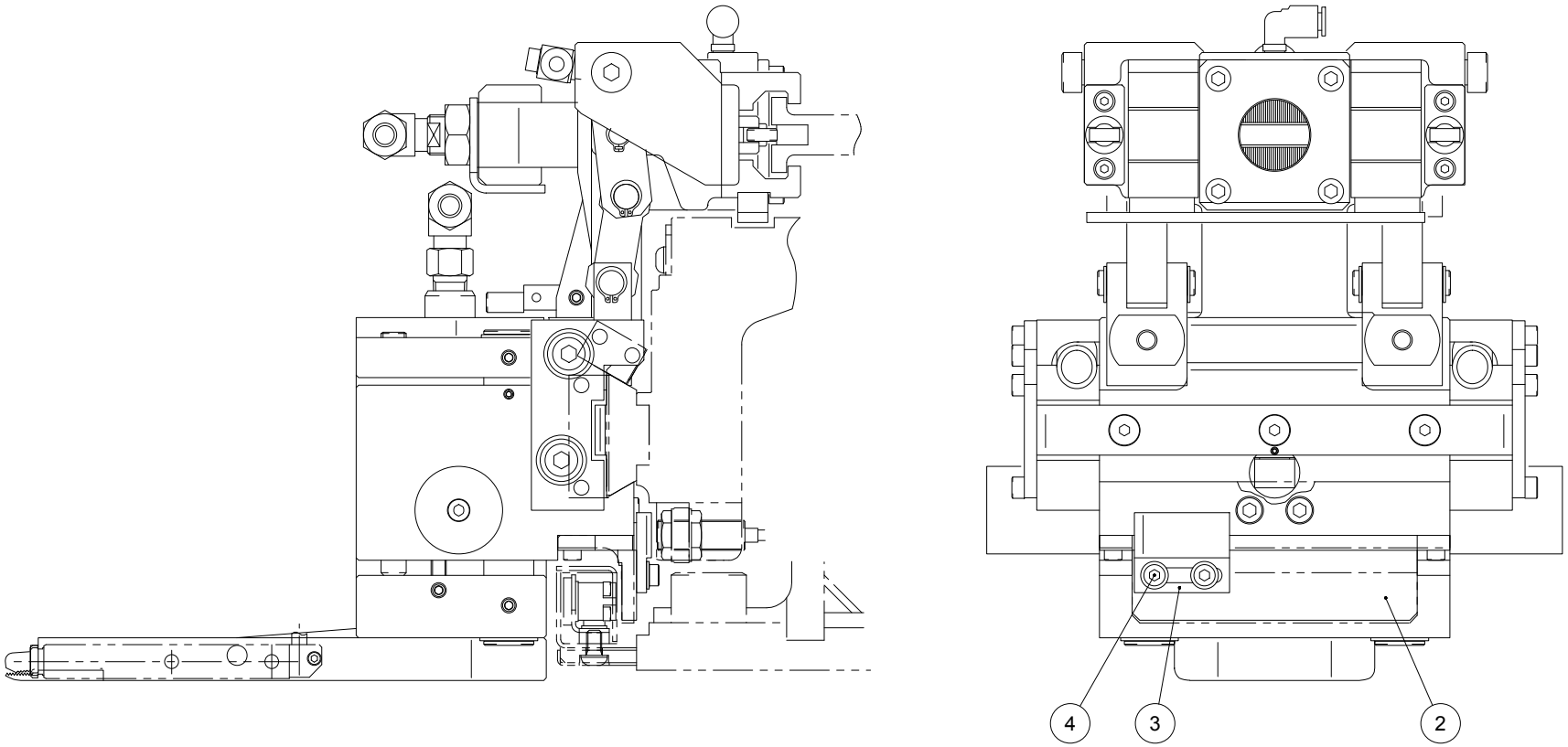
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
85	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	4
86	74183112 P330580006	Socket Set Screw JIS	M4X5(Sharp Type)	4
87	74901759 0806009--A	Cushion		4
88	74776790 P330570033	Socket Set Screw JIS	M10X20(Dog-end)	2
89	74305518 P330590017	Socket Set Screw JIS	M6X6(Dimple Type)	2
90	74303505 0826218	Hook Spring		2
91	74304955 P330220024	Hex Socket Cap Screw	M6X90	2
92	74812177 P338298009	Socket Set Screw with Pad MISUMI	SBCP6-8	2
93	74453516 P589026038	Quick Connect Joint NITTO KOHKI	1P-SS400	2
94	74183621 P330230006	Hex Socket Cap Screw	M8X20	4
95	74901758 SPT0134---	C/P Clamp Base ASSY	MA03371---MA03372---0826274 & others Index 96-103112-114	1
96	74902515 MA03371---	Clamp Base (Hydraulic)		1

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
97	74562190 P337054046	Parallel Pin MISUMI	MSTM10-30	2
98	74571154 P337020048	Parallel Pin JIS	A-8X35	1
99	74571153 0826286	Parallel Pin		1
100	74301604 P330590035	Socket Set Screw JIS	M10X10(Dimple Type)	1
101	74161590 0826035	Flat Head Screw	M6X12-SUS304	4
102	74421338 0816026 D	Stopper Plate		2
103	79316333 P334520011	Flat Head Bolt NISSAN NEJI	M4X10	2
104	74451840 3809552 A	Sensor Dog	L50X50X6	1
105	74183601 P330200018	Hex Socket Cap Screw	M4X15	2
106	74318027 6013554	Detection Bar		1
107	74570242 6820571	Spacer	F12X8-26	2
108	74776835 P334520055	Flat Head Bolt NISSAN NEJI	M5X20	2

Unit No. 449 Spare Workclamp <C/P Clamp ASSY (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
109	74903134 P330550148	Socket Set Screw MOURI	M3X4(Flat Type)-A2-70	1
110	74902514 MA03370---	Clamp Housing Add Works		1
111	 MA03368---	L10MM (C/P) ASSY	 Index 112-114	2
112	74902516 MA03372---	Clamper (Hydraulic 10mm)		1
113	74306410 P330590011	Socket Set Screw JIS	M5X6(Dimple Type)	2
114	74161578 0826274	Clamping Plate (Hydraulic)		1
115	 MA03912---	Y-axis Sensor ASSY C/P	 Index 116	1
116	74902132 7834227---	Y-axis Sensor C/P IT		1



(1) Clamp 2 Modify

3832812

Unit No. 450 Spare Workclamp <Clamp 2 Modify>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Clamp 2 Modify		1
	3832812		Index 2-4	
2	74902017	Sensor Dog		1
	3832657			
3	74902018	Dog (-XOT)	F32X6	1
	3832813			
4	74560004	Flange Socket Bolt	M5X10	2
	P330460006	NISSAN NEJI		

< List Only >

CE01416---

Unit No. 451 ASR-N/RMP <Electric Pneumatic>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01416---	Electric Pneumatic	Index 2-13	1
2	74561056 P556002349	Air Directional Control Valve SMC	VZ5120-5DZC-01	2
3	74368207 P557032003	Silencer SMC	AN103-01	4
4	74315221 P586534002	One Touch Fitting NITTA MOORE	EC6-PT1/8	2
5	74567039 P555007004	Air Flow Control Valve NITTA MOORE	ESC6-PT1/8-I	4
6	74416432 P230222227	Plastic Hose NITTA MOORE	U2-4-6X4(Black)-1.0M	2
7	74810498 P230242067	Plastic Hose NITTA MOORE	U2-4-10X6.5(Black)-1M	1
8	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	2
9	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
10	74377039 P330200010	Hex Socket Cap Screw	M3X25	6
11	74902260 MA01127--B	Cable Y-9		1
12	74902261 MA01128--A	Cable Y-10		1

Unit No. 451 ASR-N/RMP <Electric Pneumatic>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74902262 MA01129--A	Cable Y-11		1

< List Only >

CE00866---

Unit No. 452 ASR-N/RMP <Center Locating Pin ASSY>

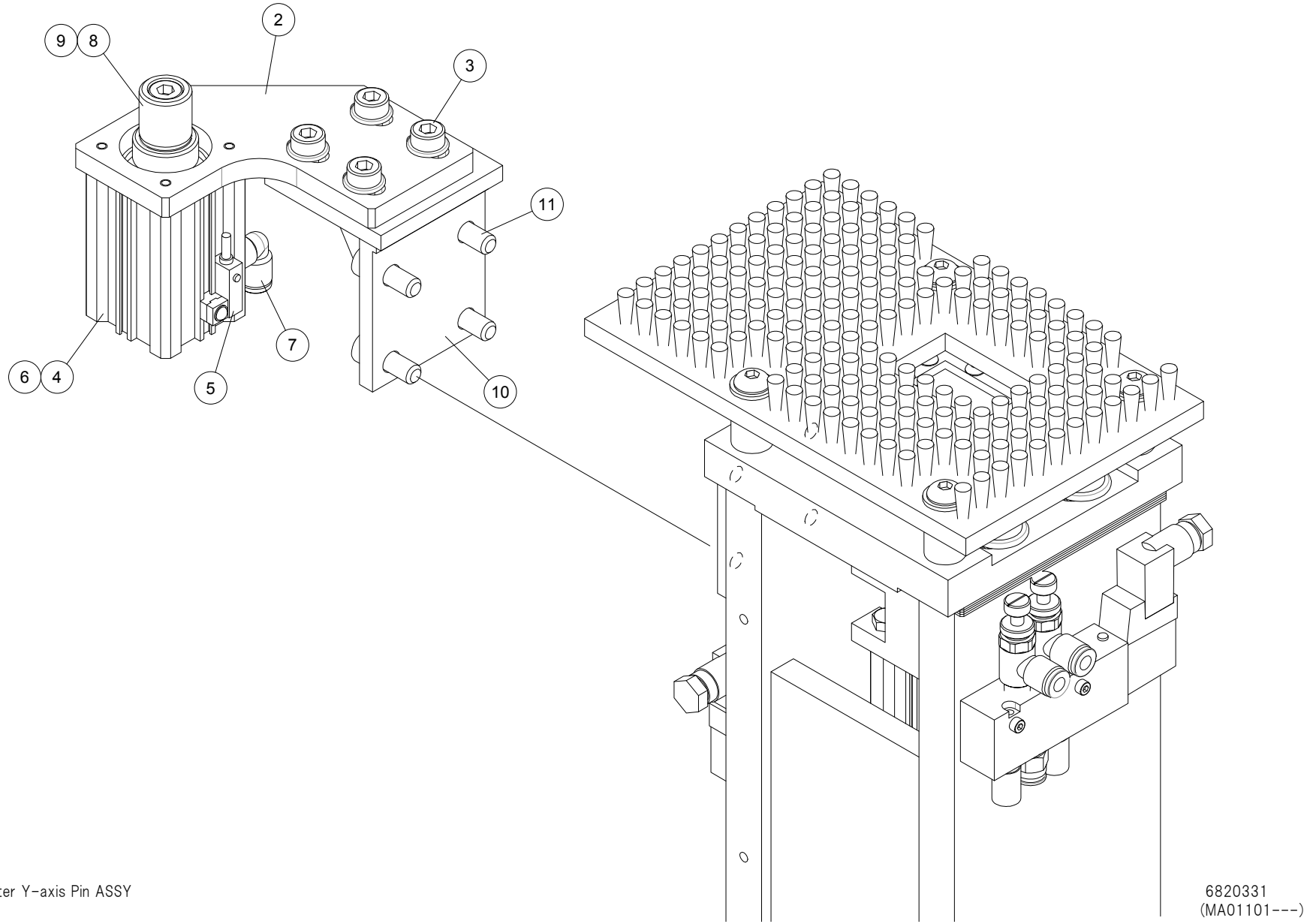
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00866---	Center Locating Pin ASSY	Index 2-32	1
2	74402889 WA00616---	Locating Pin Base		1
3	74183657 P330250006	Hex Socket Cap Screw	M12X35	4
4	74417280 6827662 A	Locating Pin Bracket	F125X19-13	1
5	74731349 P330460004	Flange Socket Bolt NISSAN NEJI	M12X35	4
6	74812563 6820348 B	Guide R		1
7	74183621 P330230006	Hex Socket Cap Screw	M8X20	2
8	74453505 6818047	Guide F		1
9	74300611 P330220011	Hex Socket Cap Screw	M6X25	4
10	74453506 6884011	Stopper		1
11	74453507 6884012	X-axis Touch Sensor		1
12	74453508 P320005056	Coil Spring MISUMI	WL8-15	1

Unit No. 452 ASR-N/RMP <Center Locating Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74453509 P446207072	Guide Bar MISUMI	PSFJ5-38	1
14	74570713 P550082080	Accessory for Air Cylinder SMC	YU-03	1
15	74419178 P550002105	Air Cylinder SMC	RDQA40-45D-A93V with Index 16	1
16	74454079 P829008100	Proximity Switch SMC	D-A93V	1
17	74303201 P330020005	Bolt	M6X15	4
18	74386161 830529	Slide Seal		1
19	74535012 P334500005	Button Head Screw	M4X10	8
20	74715320 P560600002	Grease Nipple JIS	A-MT6X1	2
21	74319134 P330550007	Socket Set Screw JIS	M4X4(Flat Point)	6
22	74570718 6820351	Shim	T1	4
23	74570719 P381058098	Cable Band PANDUIT	CCH12-S10-M	2
24	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 452 ASR-N/RMP <Center Locating Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74400896 CE00867---	Locating Pin Cover		1
26	74183316 P334500020	Button Head Screw	M8X20	4
27	74183027 P336000006	Washer JIS	8(Normal)	4
28	74777030 P586533065	One Touch Fitting SMC	KQ2H06-01S	2
29	74453510 7833090	Stopper with Sensor METROL	STM81A-01	1
30	74305502 P330590052	Socket Set Screw JIS	M4X8(Cup Point)	1
31	74453511 6884013	Cable Retainer		1
32	74575583 P334110086	Flat Head Screw SANKO Industry	M2.6X10	2

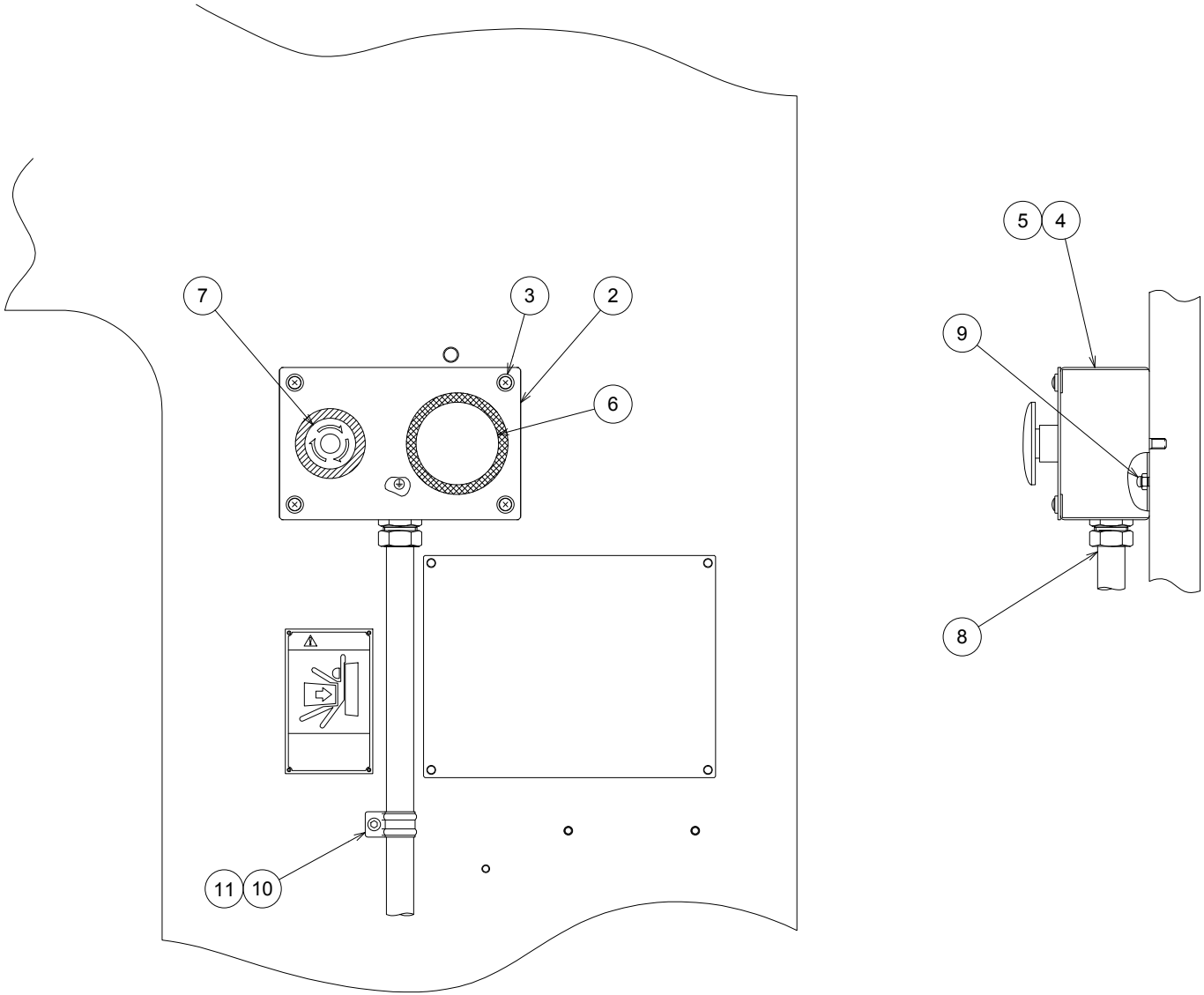


(1) Center Y-axis Pin ASSY

6820331
(MA01101---)

Unit No. 453 ASR-N/RMP <Center Y-axis Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6820331	Center Y-axis Pin ASSY	Index 2-11	1
2	74570720 6820353	Cylinder Base		1
3	74385450 P330468001	Flange Socket Bolt NISSAN NEJI	M8X20	4
4	74561552 P550012482	Air Cylinder SMC	CDQ2BS32-25D-A73HLS with Index 5	1
5	74902991 SPT0217---	Cylinder Switch SMC	D-A73HLS	1
6	74314436 P330210022	Hex Socket Cap Screw	M5X70	4
7	74310045 P586564001	One Touch Fitting NITTA MOORE	EL6-PT1/8	2
8	74561553 6573832	Center Y-axis Pin		1
9	74183624 P330230008	Hex Socket Cap Screw	M8X30	1
10	74570721 6820354	Center Y-axis Bracket		1
11	74183621 P330230006	Hex Socket Cap Screw	M8X20	4



(1) Auxiliary Control Panel ASSY

CE00583---
(6874250--A)

Unit No. 454 ASR-N/RMP <Auxiliary Control Panel ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00583---	Auxiliary Control Panel ASSY	Index 2-11	1
2	74418180 6815862	Name Plate		1
3	74712730 P338048001	Finger Screw Tokyo Byora	Faced Screw -NO.2-M5X10	4
4	74577678 6821786 A	Switch Operating Box L		1
5	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
6	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
7	74568712 P821124128	Push Button Switch FUJI Electric	AR30V3R-01BZ235	1
8	74402890 MA03908--B	Cable L		1
9	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	3
10	74732128 P381017093	Saddle for Conduit DAIWA DENGYO	CH-15(D6.2)	1
11	74183608 P330220006	Hex Socket Cap Screw	M6X15	1

< List Only >

CE00584---

Unit No. 455 ASR-N/RMP <Auxiliary Control Panel ASSY EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00584---	Auxiliary Control Panel ASSY EX	Index 2-15	1
2	74416446 6870517	Name Plate		1
3	74416468 6824981	Packing		1
4	74712730 P338048001	Finger Screw Tokyo Byora	Faced Screw -NO.2-M5X10	4
5	74400887 6870518--A	Switch Operating Box L		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
7	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
8	74568712 P821124128	Push Button Switch FUJI Electric	AR30V3R-01BZ235	1
9	74402890 MA03908--B	Cable L		1
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	4
11	74386516 P862138054	Rectangle Connector WEIDMULLER	KS4KRG/D4	1
12	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	2

Unit No. 455 ASR-N/RMP <Auxiliary Control Panel ASSY EX>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	4
14	74732128 P381017093	Saddle for Conduit DAIWA DENGYO	CH-15(D6.2)	1
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	1

< List Only >

CE00585---

Unit No. 456 ASR-N/RMP <Auxiliary Control Panel ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00585---	Auxiliary Control Panel ASSY CHINA	Index 2-15	1
2	74419465 6817593	Name Plate		1
3	74416468 6824981	Packing		1
4	74712730 P338048001	Finger Screw Tokyo Byora	Faced Screw -NO.2-M5X10	4
5	74400887 6870518--A	Switch Operating Box L		1
6	74183620 P330230004	Hex Socket Cap Screw	M8X15	2
7	74570048 P821124129	Push Button Switch FUJI Electric	AR30V1R-02R-Z037	1
8	74568712 P821124128	Push Button Switch FUJI Electric	AR30V3R-01BZ235	1
9	74402890 MA03908--B	Cable L		1
10	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	4
11	74386516 P862138054	Rectangle Connector WEIDMULLER	KS4KRG/D4	1
12	74159710 P330200016	Hex Socket Cap Screw JIS	M4X12	2

Unit No. 456 ASR-N/RMP <Auxiliary Control Panel ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74569811 P334200113	Sems Pan Head Screw SANKO Industry	M4X6(Chromate P-4)	4
14	74732128 P381017093	Saddle for Conduit DAIWA DENGYO	CH-15(D6.2)	1
15	74183608 P330220006	Hex Socket Cap Screw	M6X15	1

< List Only >

6791731---

Unit No. 457 ASR-N/RMP <Control Device (Line)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791731---	Control Device (Line)	Index 2-5	1
2	6791393---	Supplies (Profibus)		1
3	6791392---	Supplies (Device-Net)		1
4	6793181---	Line SW ASSY		1
5	6791790---	Device-Net ASSY		1

< List Only >

6791393---

Unit No. 458 ASR-N/RMP <Supplies (Profibus)>

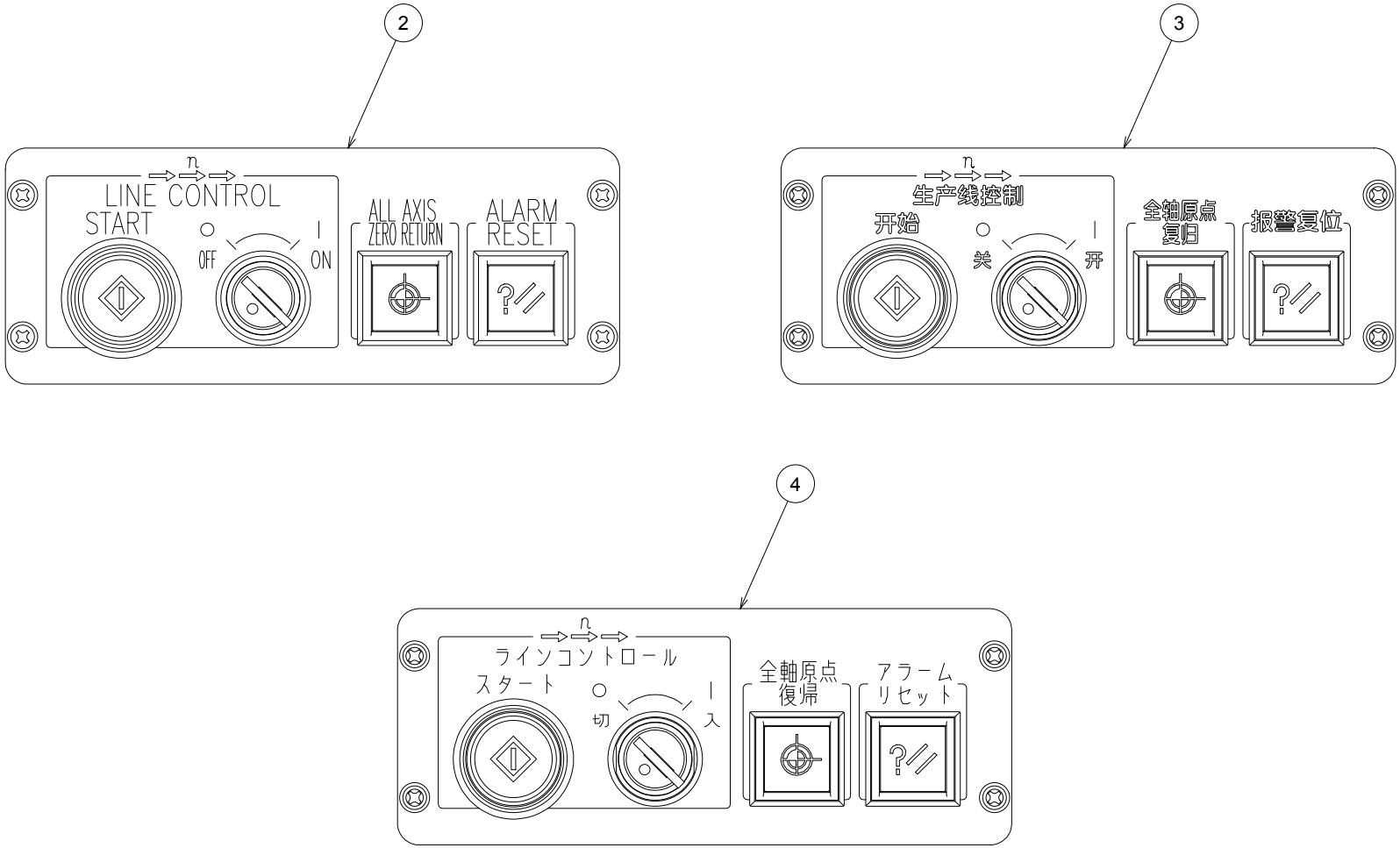
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Profibus)		1
	6791393---		Index 23	
2	74903214	Profibus Master Function	A02B-0327-S731	1
	P362018072	FANUC		
3	74903375	Profibus	A02B-0323-J311	1
	P767485827	FANUC		

< List Only >

6791392---

Unit No. 459 ASR-N/RMP <Supplies (Device-Net)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Supplies (Device-Net)		1
	6791392---		Index 23	
2	74903365	Device-Net Master Board	A02B-0323-J301	1
	P767478116	FANUC		
3	74903366	Device-Net Master Function	A02B-0327-S723	1
	P767478118	FANUC		

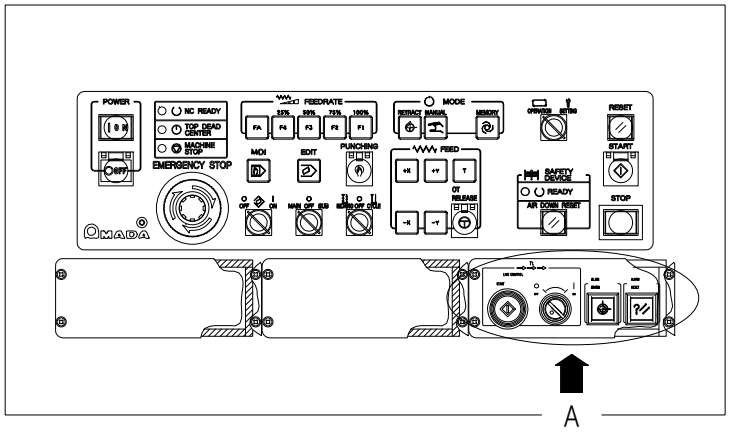


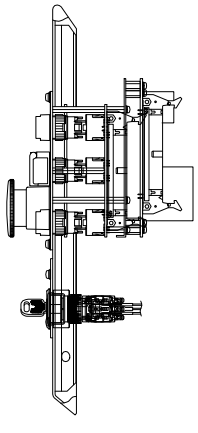
(1) Line SW ASSY

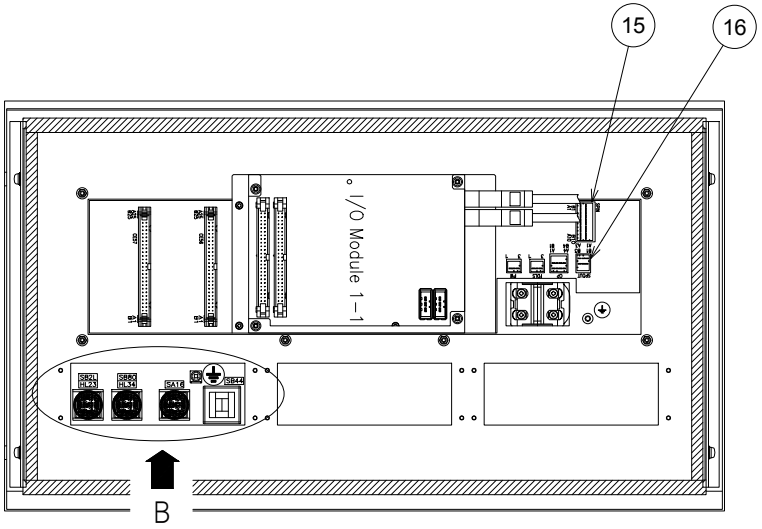
6793181---

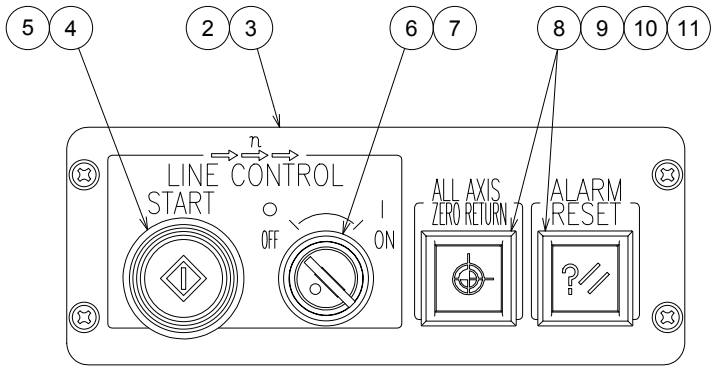
Unit No. 460 ASR-N/RMP <Line SW ASSY>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	6793181---	Line SW ASSY	Index 2-4	1
2	6791772---	Line SW ASSY E		1
3	6793182---	Line SW ASSY CHN		1
4	6793183---	Line SW ASSY DOM		1

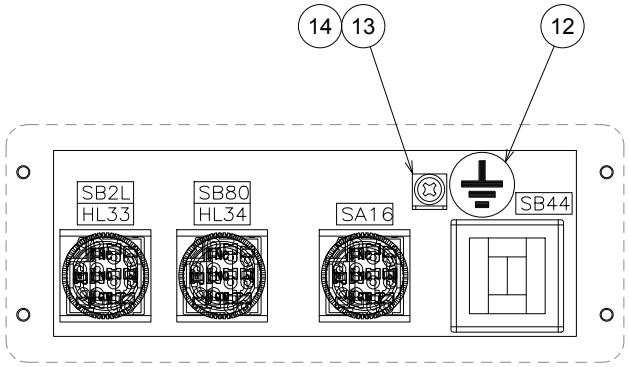








DETAIL A



DETAIL B

(1) Line SW ASSY E

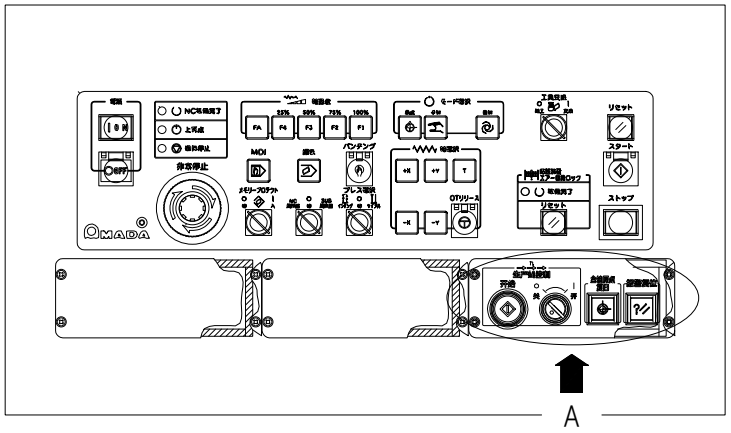
6791772---
(6791772--A)

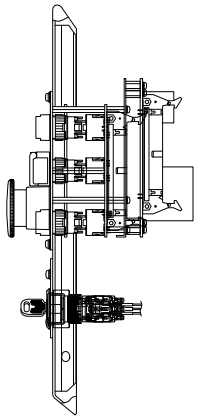
Unit No. 461 ASR-N/RMP <Line SW ASSY E>

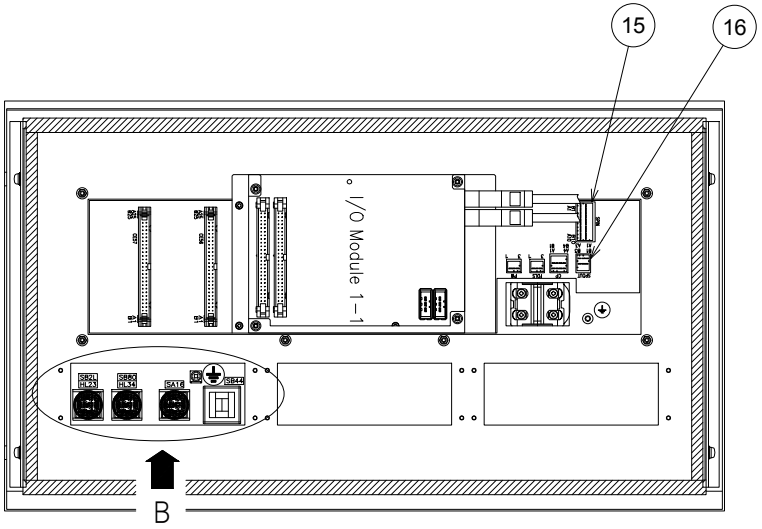
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791772---	Line SW ASSY E	Index 2-16	1
2	74402769 679177201-	Sub Panel Line		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74901957 1566436---	Name Plate		1
5	74741352 P822084069	Illuminated Pushbutton Switch FUJI Electric	AH225-FLW11E3	1
6	74741347 P820014234	Key Select Switch FUJI Electric	AF16JR-2AC1D	1
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	1
8	74402626 679177202-	Name Plate		1
9	74402628 679177203-	Name Plate		1
10	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
11	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
12	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1

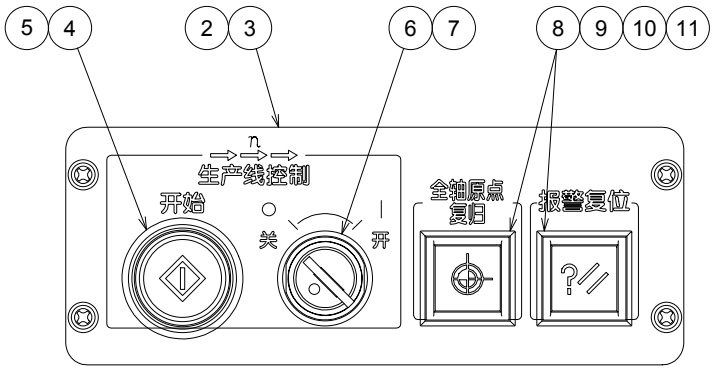
Unit No. 461 ASR-N/RMP <Line SW ASSY E>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
14	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
15	74402631 679178513-	Cable SPIN		1
16	74402633 679178514-	Cable SPOUT		1

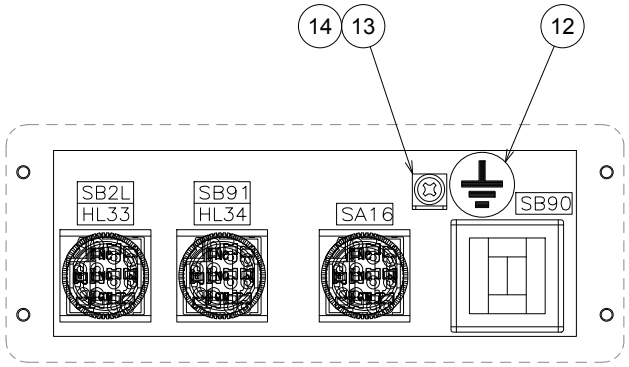








DETAIL A



DETAIL B

(1) Line SW ASSY CHN

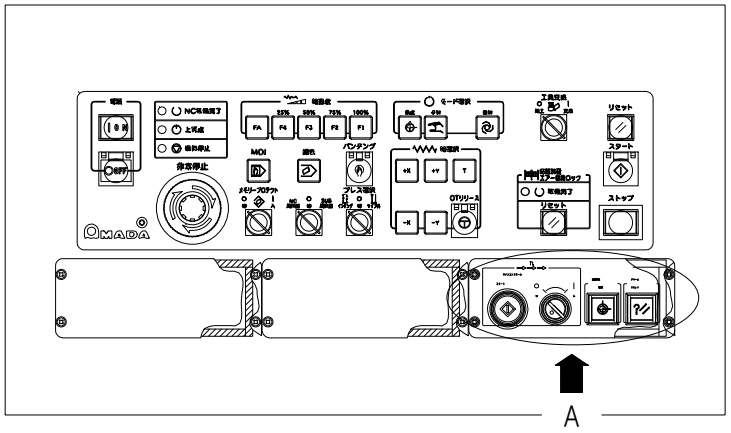
6793182---

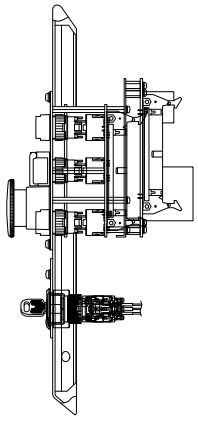
Unit No. 462 ASR-N/RMP <Line SW ASSY CHN>

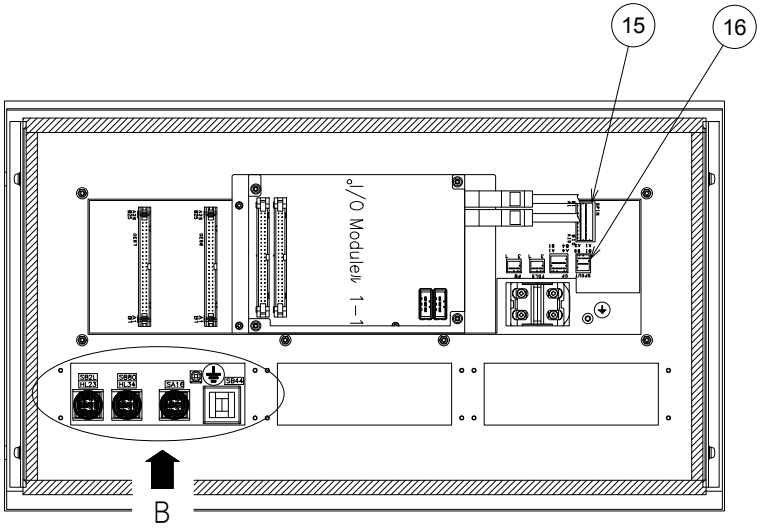
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793182---	Line SW ASSY CHN	Index 2-16	1
2	74402770 679318201-	Sub Panel Line C		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74901957 1566436---	Name Plate		1
5	74741352 P822084069	Illuminated Pushbutton Switch FUJI Electric	AH225-FLW11E3	1
6	74741347 P820014234	Key Select Switch FUJI Electric	AF16JR-2AC1D	1
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	1
8	74402626 679177202-	Name Plate		1
9	74402628 679177203-	Name Plate		1
10	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
11	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
12	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1

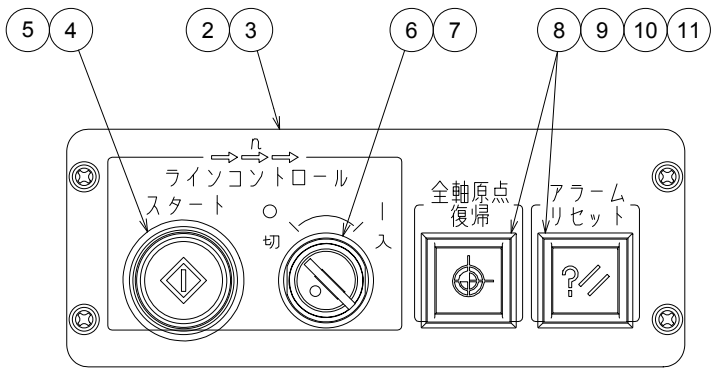
Unit No. 462 ASR-N/RMP <Line SW ASSY CHN>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
14	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
15	74402631 679178513-	Cable SPIN		1
16	74402633 679178514-	Cable SPOUT		1

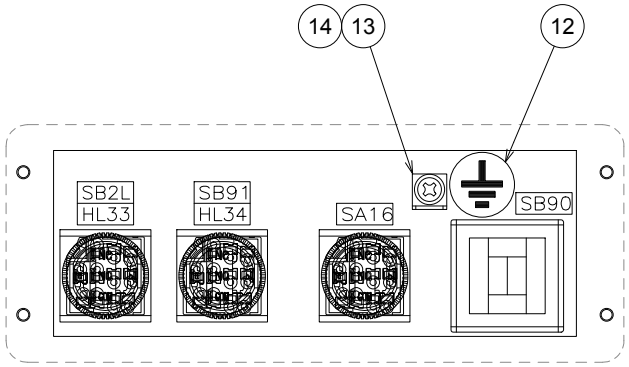








DETAIL A



DETAIL B

(1) Line SW ASSY DOM

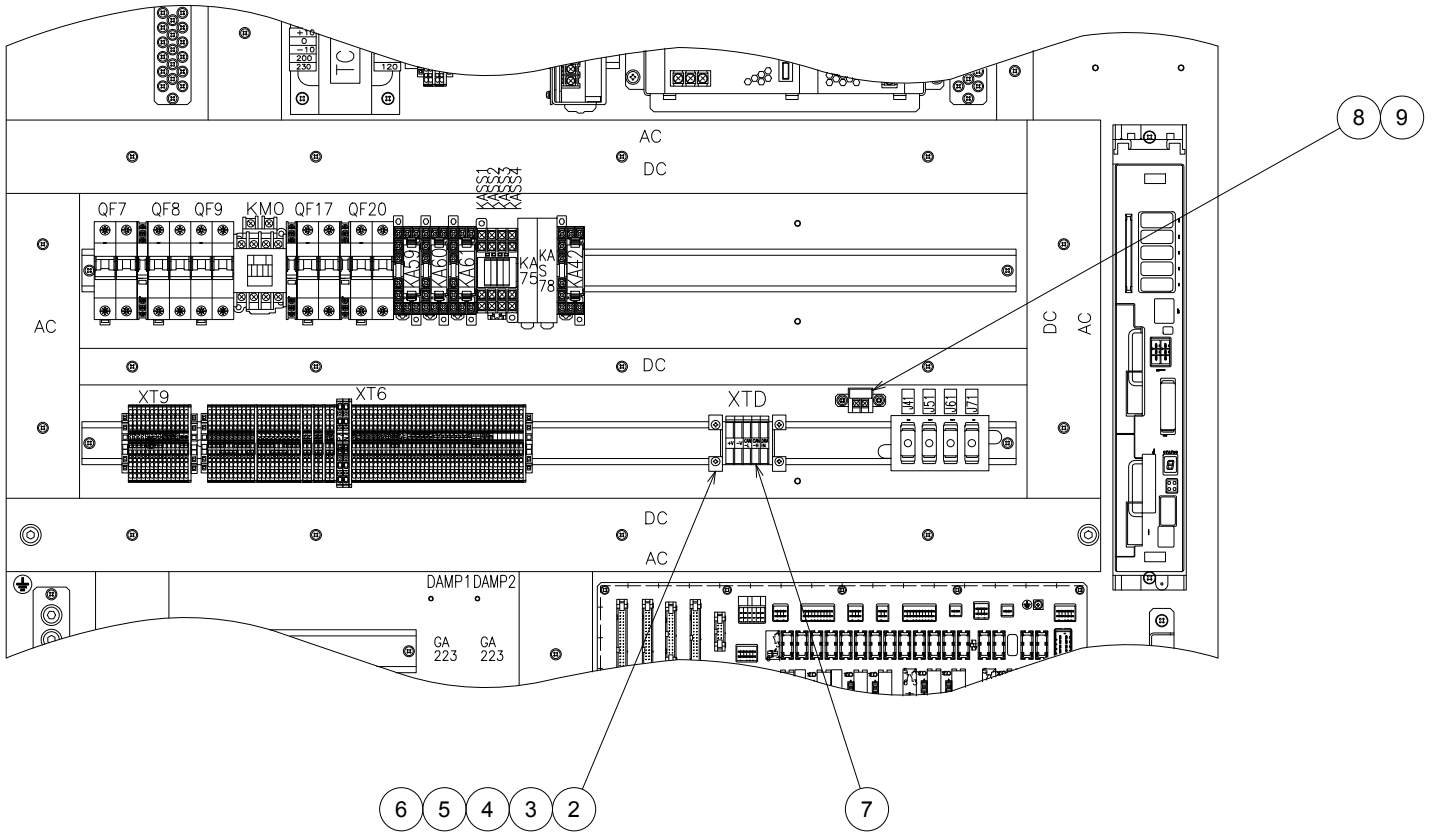
6793183---

Unit No. 463 ASR-N/RMP <Line SW ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6793183---	Line SW ASSY DOM	Index 2-16	1
2	74402771 679318301-	Sub Panel Line		1
3	74903149 P334200354	Sems Pan Head Screw	M3X6(Trivalent Chromium Black P-4)	4
4	74901957 1566436---	Name Plate		1
5	74741352 P822084069	Illuminated Pushbutton Switch FUJI Electric	AH225-FLW11E3	1
6	74741347 P820014234	Key Select Switch FUJI Electric	AF16JR-2AC1D	1
7	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	1
8	74402626 679177202-	Name Plate		1
9	74402628 679177203-	Name Plate		1
10	74741354 P822064062	Illuminated Pushbutton Switch FUJI Electric	AF16F0M-C1E3W	2
11	74903422 P822804030	Accessory for Switch FUJI Electric	AR6S690-L2	2
12	74776891 P360018001	Ground Seal MURA Electric	HA527(12.5)	1

Unit No. 463 ASR-N/RMP <Line SW ASSY DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74452279 P334200299	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-3)	1
14	74812553 P843188013	Accessory (Indicator Apparatus) YOSHIDA Electric	HX9031	1
15	74402631 679178513-	Cable SPIN		1
16	74402633 679178514-	Cable SPOUT		1

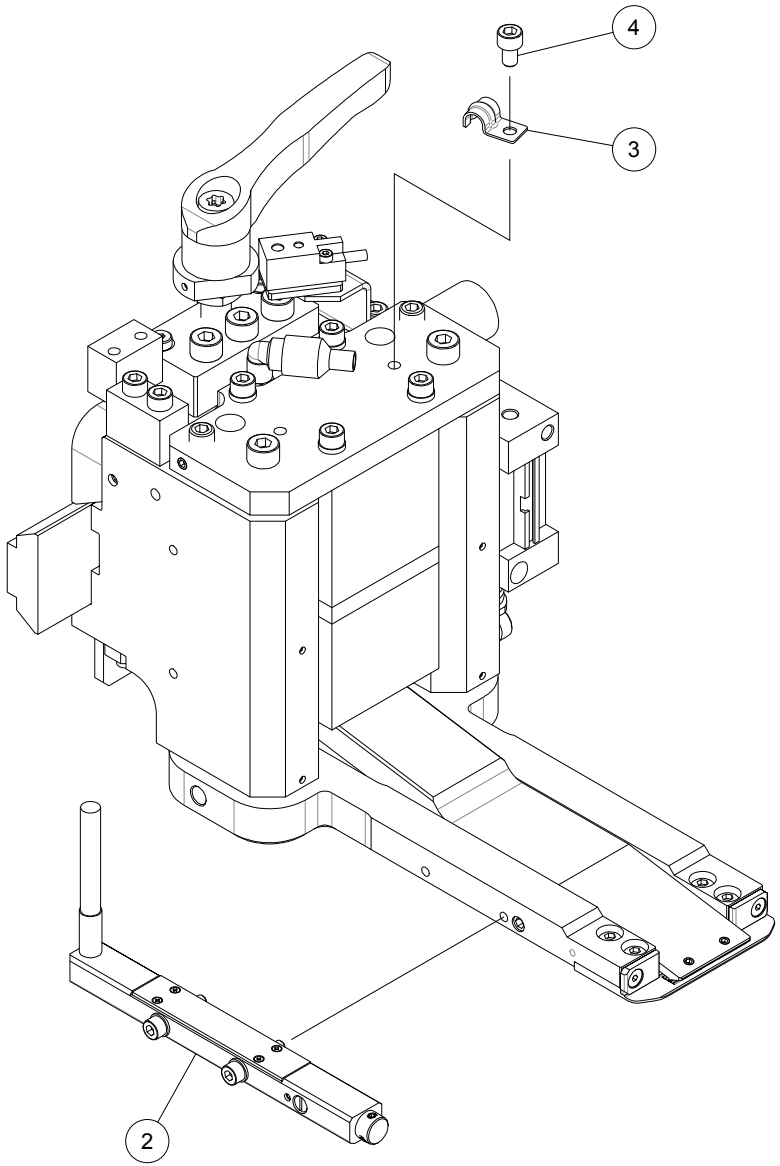


(1) Device-Net ASSY

6791790---

Unit No. 464 ASR-N/RMP <Device-Net ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791790---	Device-Net ASSY	Index 2-9	1
2	74811199 / P864008230	Block Terminal / YOSHIDA Electric	UKN10	4
3	74811202 / P864058120	Terminal Parts / YOSHIDA Electric	UKN151/251-A	1
4	74811203 / P864058121	Terminal Parts / YOSHIDA Electric	UKN152/252-A	1
5	74811919 / P864068131	Terminal Cover / YOSHIDA Electric	KT15N-D(L=28)	1
6	74811920 / P864078104	Terminal Label / YOSHIDA Electric	KT-E(L=28)	1
7	74812575 / 156444610	Cable DNET1		1
8	74903368 / P767482031	Accessory (Program Controller) / OMRON	DRS1-T	1
9	74452489 / P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	2

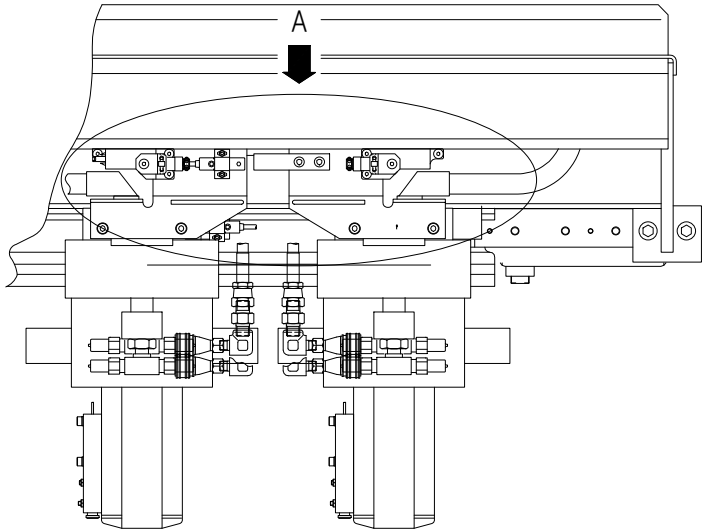


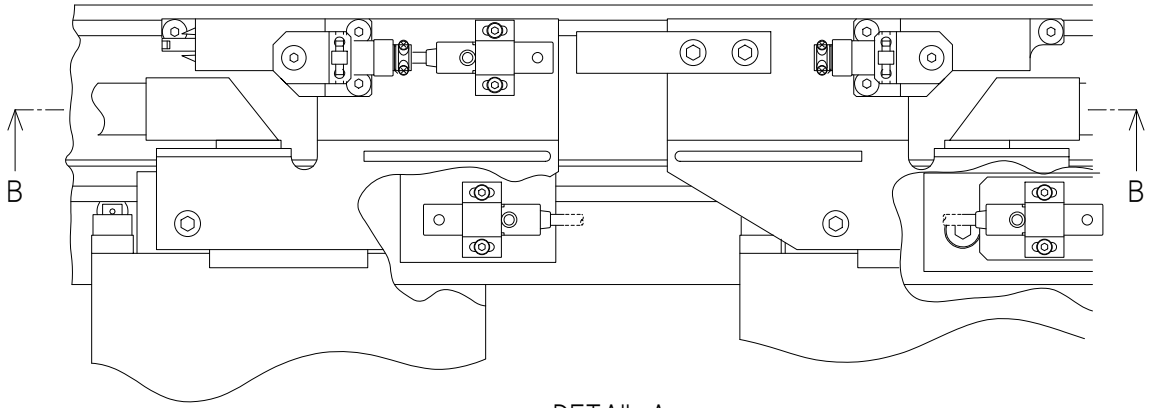
(1) Y-axis Sensor ASSY

MA03911---

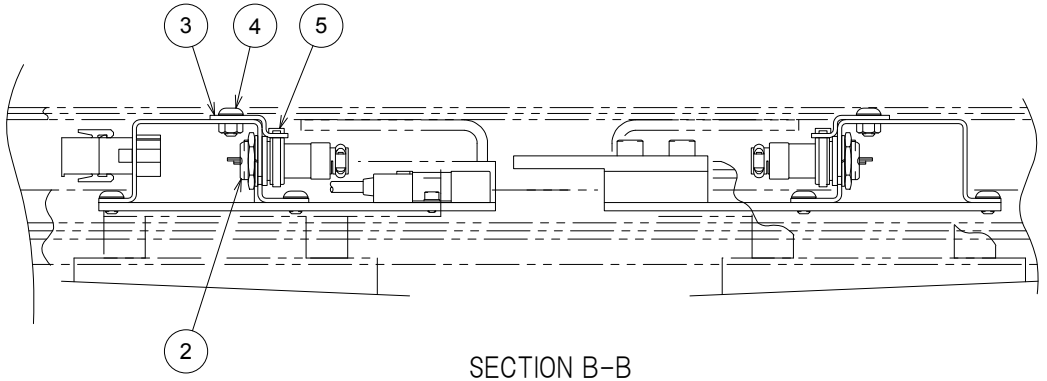
Unit No. 465 ASR-N/RMP <Y-axis Sensor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Y-axis Sensor ASSY		1
	MA03911---		Index 2-4	
2	74902131	Y-axis Sensor		1
	7834226---	IT		
3	74569040	Saddle for Conduit	PZ0108(D6.2)	1
	P381017110	DAIWA DENGYO		
4	74776743	Hex Socket Cap Screw	M6X10	1
	P330220003			





DETAIL A



SECTION B-B

(1) Worksheet Contact C/P

6534352 B

Unit No. 466 ASR-N/RMP <Worksheet Contact C/P>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Worksheet Contact C/P		1
	6534352 B		Index 2-5	
2	74569255	Metallic Connector	PLT-162-R-R	2
	P860038004	MISUMI		
3	74569256	Loose Stopper Plate		2
	7420749			
4	74163306	Button Head Screw	M5X8	2
	P334500008	JIS		
5	74307821	Cable Band	CV-150N	2
	P381058012	SHIBAKEI		

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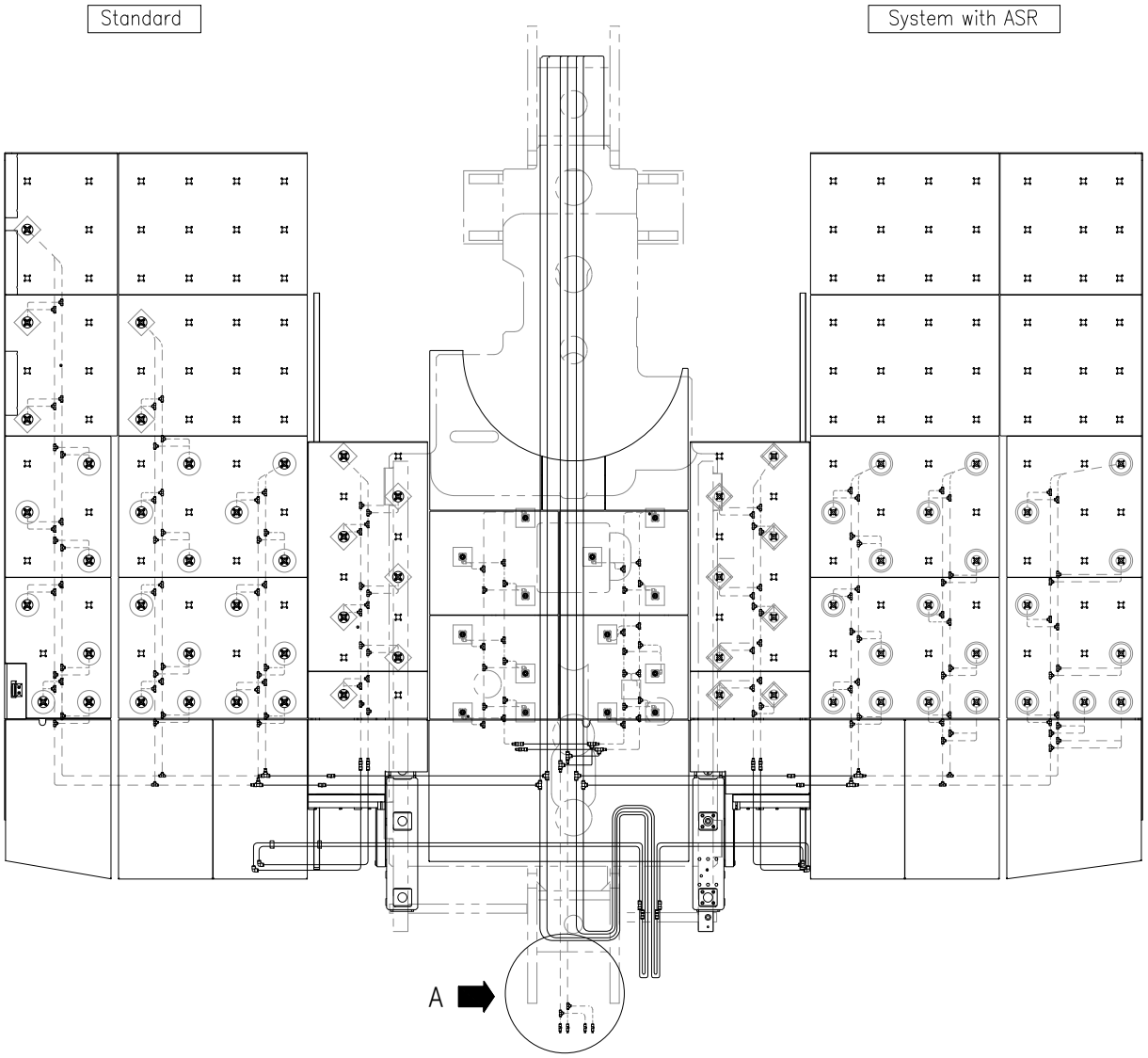
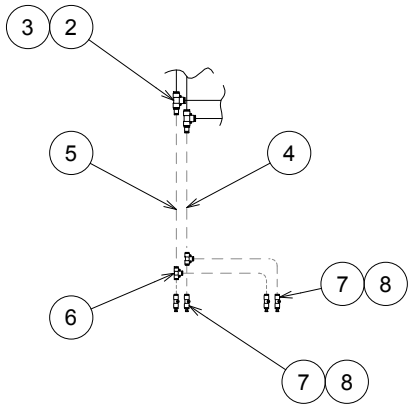




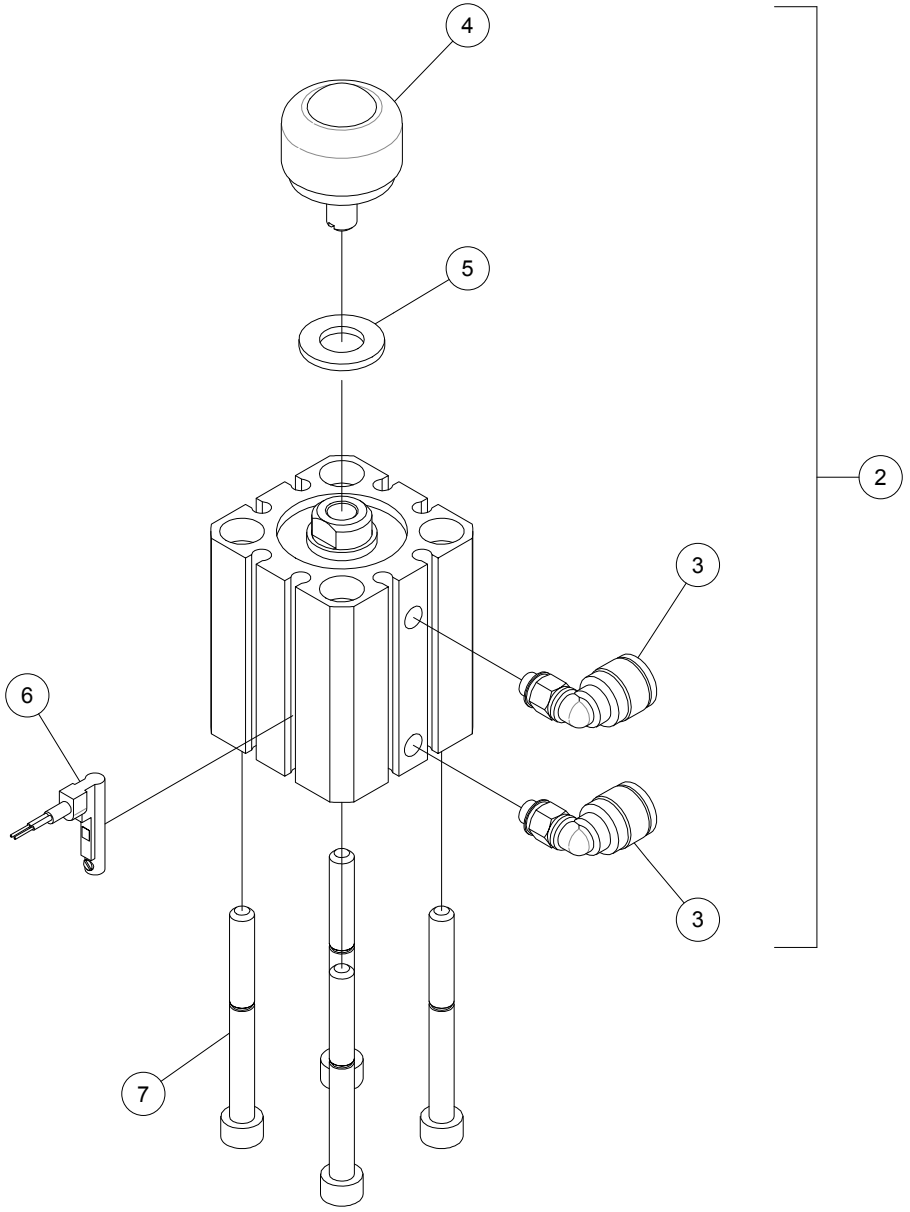
DETAIL A

(1) for ASR/RMP

6827664
(CE01919---)

Unit No. 467 ASR-N/RMP <for ASR/RMP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		for ASR/RMP		1
	6827664		Index 2-8	
2	74379378	One Touch Fitting	EUT10	2
	P586604013	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	2
	P586654002	NITTA MOORE		
4	74569817	Plastic Hose	U2-4-6X4(Blue)-5M	2
	P230222094	NITTA MOORE		
5	74569816	Plastic Hose	U2-4-6X4(Red)-5M	2
	P230222093	NITTA MOORE		
6	74338327	One Touch Fitting	EUT6	2
	P586604012	NITTA MOORE		
7	74731207	One Touch Fitting	EUC6	4
	P586604019	NITTA MOORE		
8	74416455	Pneumatic Plug	BC6	4
	P586648011	NITTA MOORE		

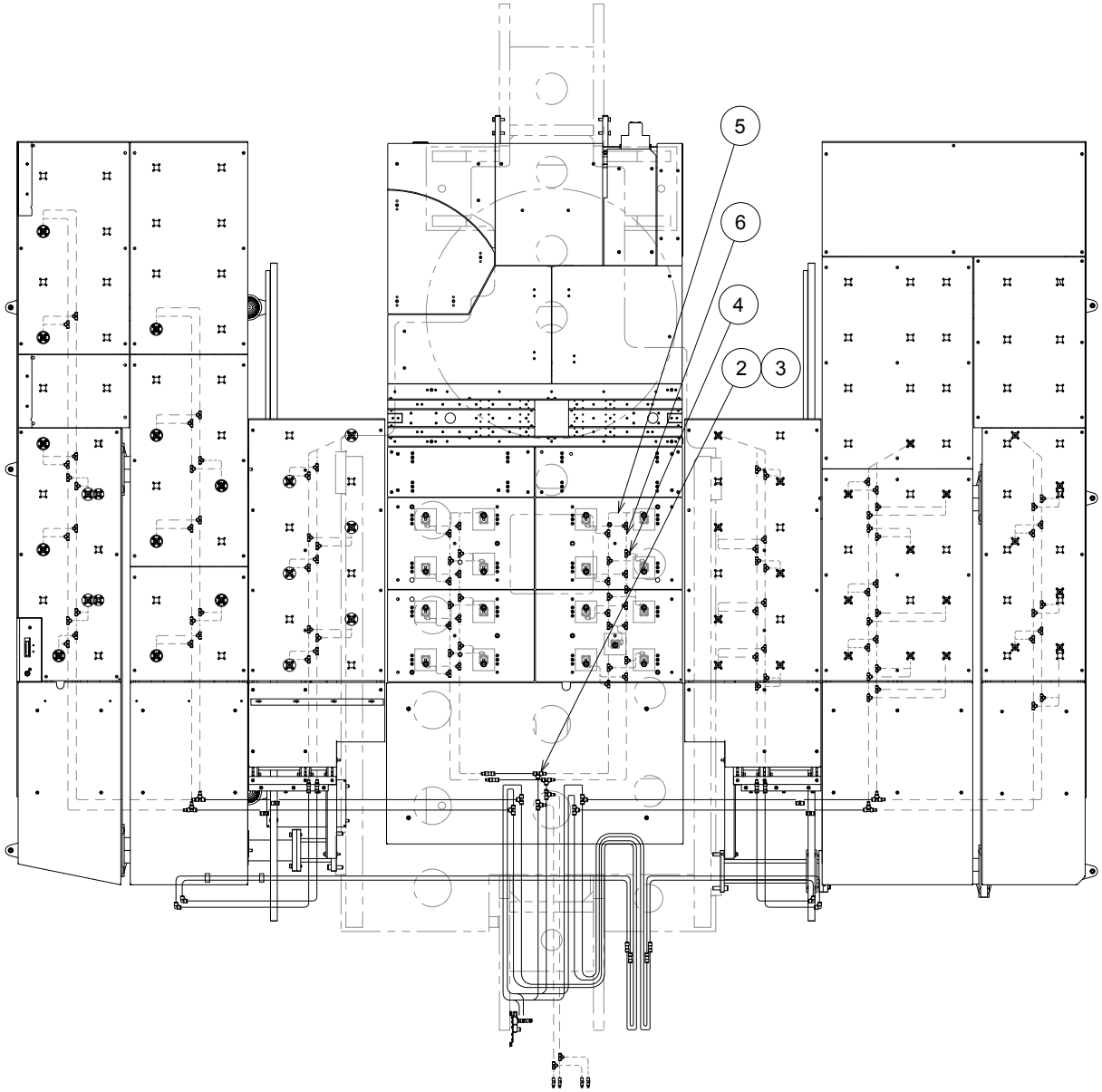


(1) Free Bear ASSY CTB

CE00871---

Unit No. 468 ASR-N/RMP <Free-motion Bearing ASSY CTB>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00871---	Free-motion Bearing ASSY CTB	Index 2-7	6
2	74400402 7831742---	Cylinder SMC	CDQSB25-15-DCP571AP Index 3-6	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	2
4	74613749 SPT0023---	PLANEVEYOR	PV20B-AM4	1
5	74613246 S420120---	Washer SMC	M8 (1.6t)	1
6	74901413 P829008096	Auto Switch SMC	D-A90VL	1
7	74304903 P330210015	Hex Socket Cap Screw	M5X50	4

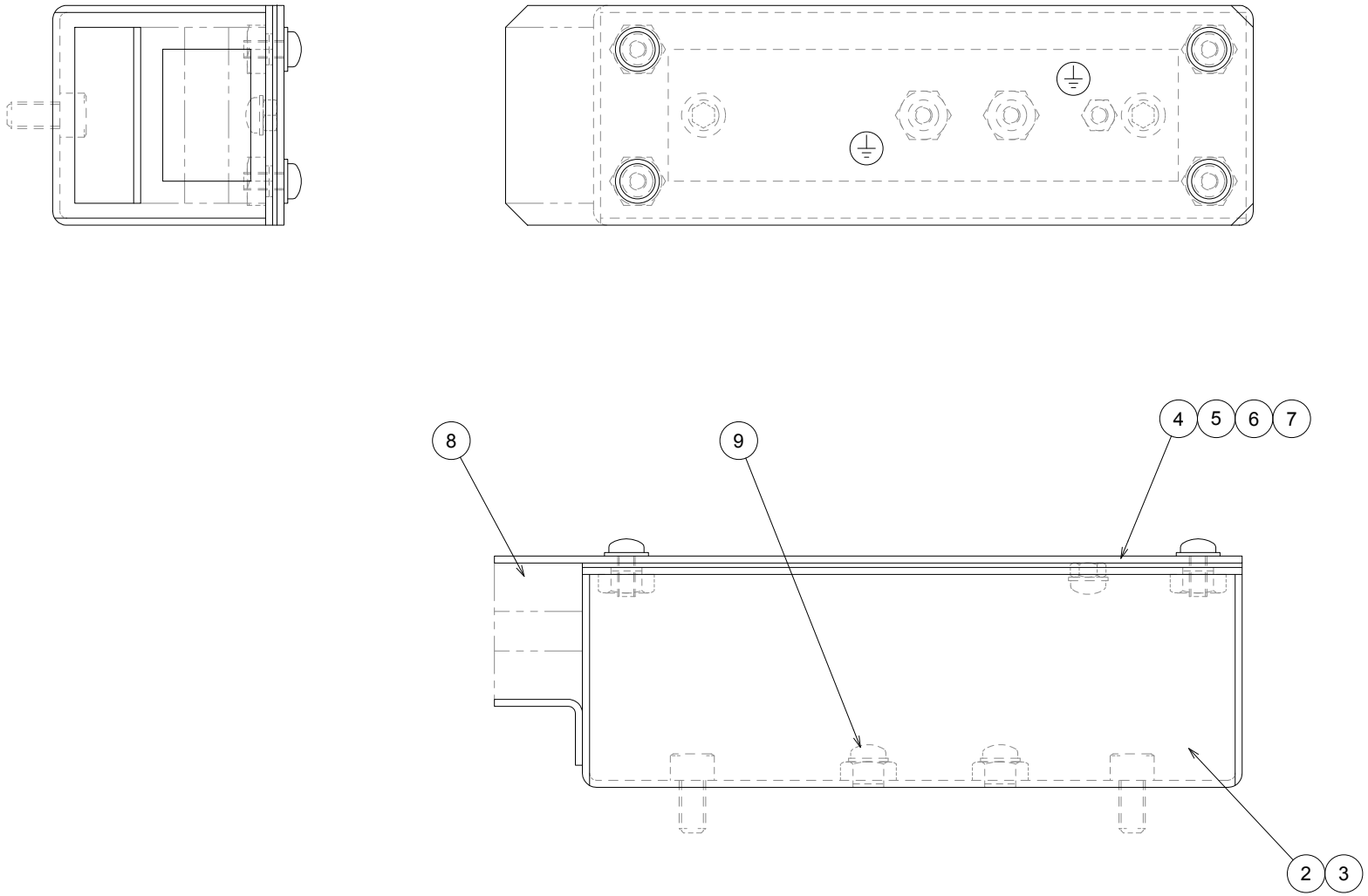


(1) Center Table RMP Piping Kit

CE01415---
(CE02077---)

Unit No. 469 ASR-N/RMP <Center Table RMP Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01415---	Center Table RMP Piping Kit	Index 2-6	1
2	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
3	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	2
4	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	16
5	74569815 P230222231	Plastic Hose NITTA MOORE	U2-4-6X4(Blue)-4M	1
6	74569814 P230222274	Plastic Hose NITTA MOORE	U2-4-6X4(Red)-4M	1

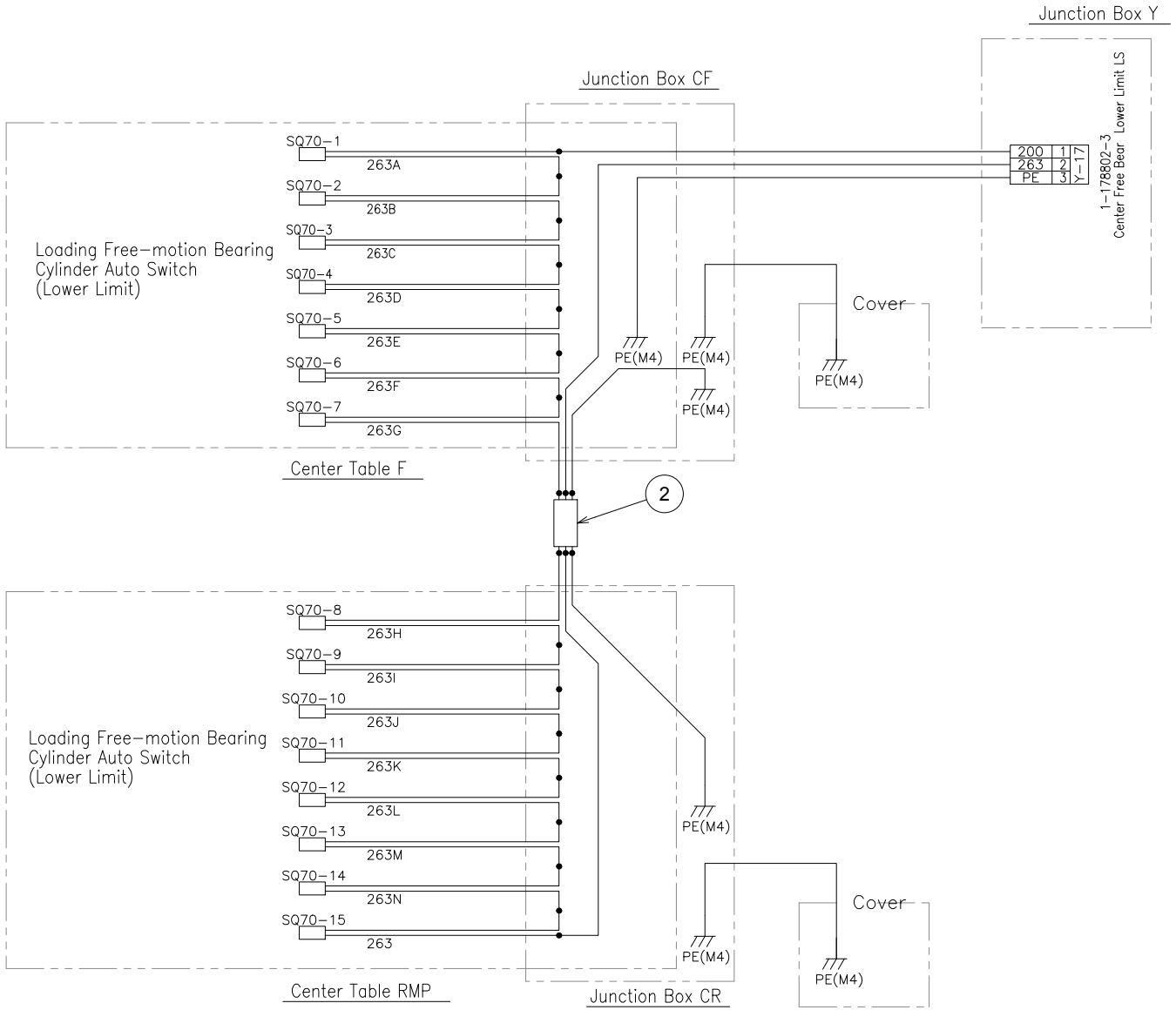


(1) Junction Box C ASSY

6596063

Unit No. 470 ASR-N/RMP <Junction Box C ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6596063	Junction Box C ASSY	Index 2-9	1
2	74387025 6596075	Junction Box C		1
3	74776743 P330220003	Hex Socket Cap Screw	M6X10	2
4	74387026 6596076	Junction Box C Cover		1
5	74387027 6596077	Packing C		1
6	74305015 P334100018	Pan Head Screw JIS	M4X10	4
7	74183022 P336000003	Washer JIS	4(Small Round)	4
8	74387028 P230580064	Rubber Sponge	CR-T20X20X40	2
9	74183225 P334100016	Pan Head Screw JIS	M4X6	3

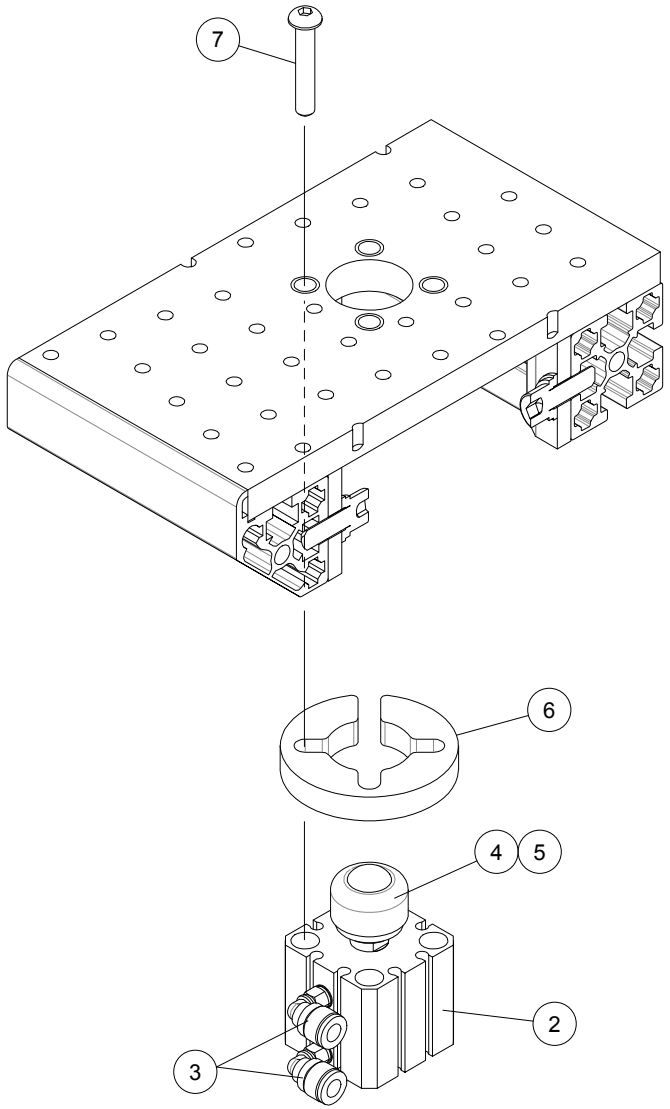


(1) Cable ASSY

CE02886---
(CE00886---)

Unit No. 471 ASR-N/RMP <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02886---	Cable ASSY	Index 2	1
2	74400897 / CE00884--A	Cable C-C		1

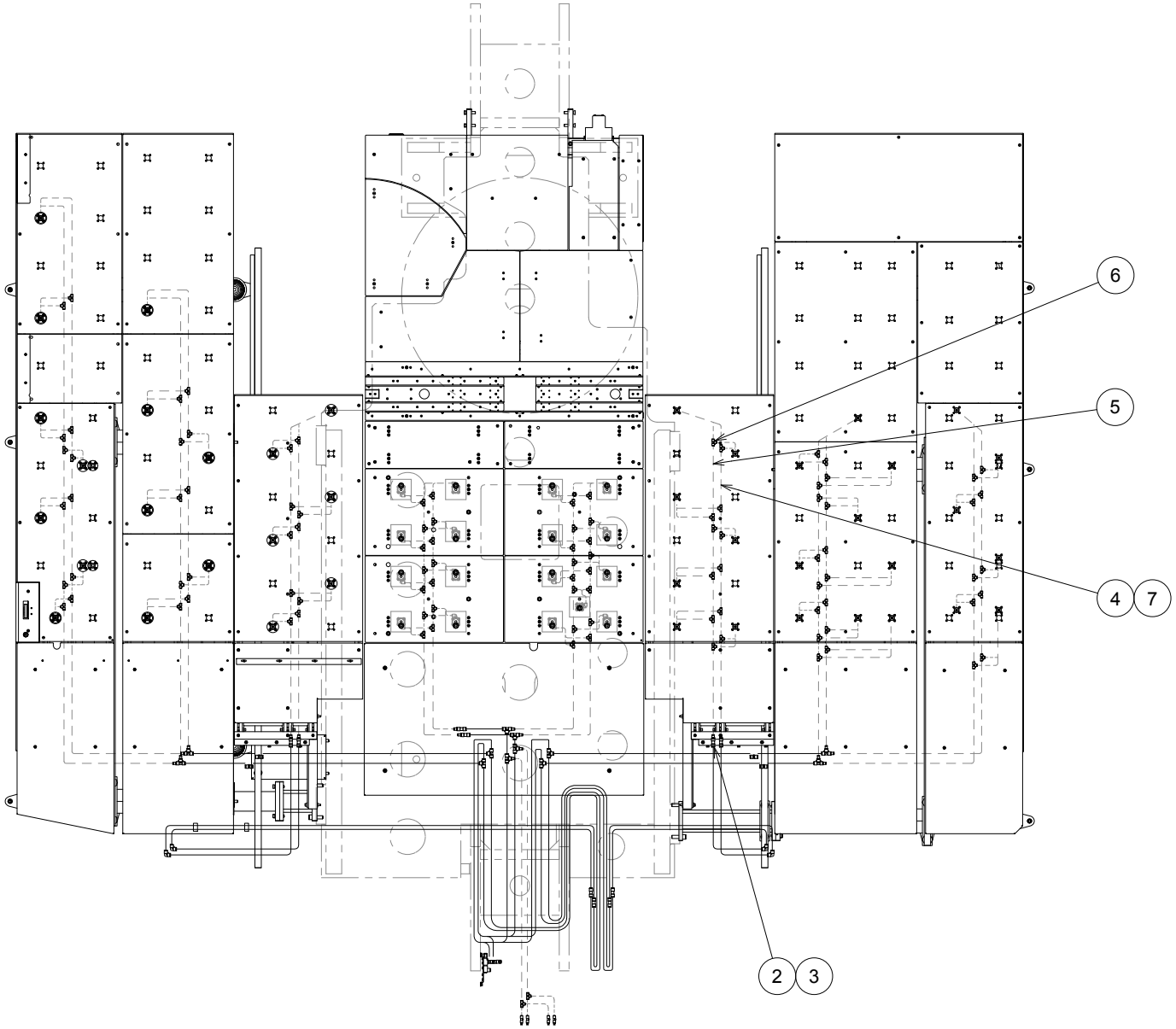


(1) F/B Up (Movable Table)

6894006--A

Unit No. 472 ASR-N/RMP <F/B Up (Movable Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F/B Up (Movable Table)		8
	6894006--A		Index 2-7	
2	74613745	Cylinder	CQSB25-15	1
	7831680--A	SMC	with Index 3-5	
3	74613235	One Touch Fitting	KQ2L06-M5 (Union Elbow)	2
	P586563125	SMC		
4	74613749	PLANEVEYOR	PV20B-AM4	1
	SPT0023---	ATEC		
5	74613246	Washer	M8 (1.6t)	1
	S420120---	SMC		
6	74417294	Cylinder Collar		1
	6875692			
7	74387325	Button Head Screw	M6X35	4
	P334500059	JIS		

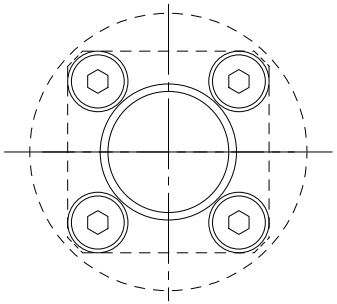


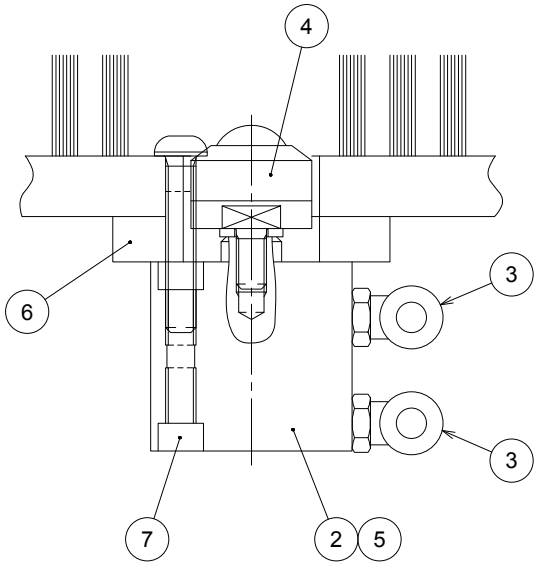
(1) R Movable Table Piping Kit

CE01665---
(CE02077---)

Unit No. 473 ASR-N/RMP <R Movable Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		R Movable Table Piping Kit		1
	CE01665---		Index 2-7	
2	74382404	One Touch Fitting	EUC10	2
	P586604021	NITTA MOORE		
3	74562784	One Touch Fitting	ER6-10	2
	P586654002	NITTA MOORE		
4	74569815	Plastic Hose	U2-4-6X4(Blue)-10M	1
	P230222104	NITTA MOORE		
5	74569814	Plastic Hose	U2-4-6X4(Red)-10M	1
	P230222105	NITTA MOORE		
6	74338327	One Touch Fitting	EUT6	12
	P586604012	NITTA MOORE		
7	74901397	Clip	ATC-68-P100	7
	P379608003	NIC AUTOTEC		



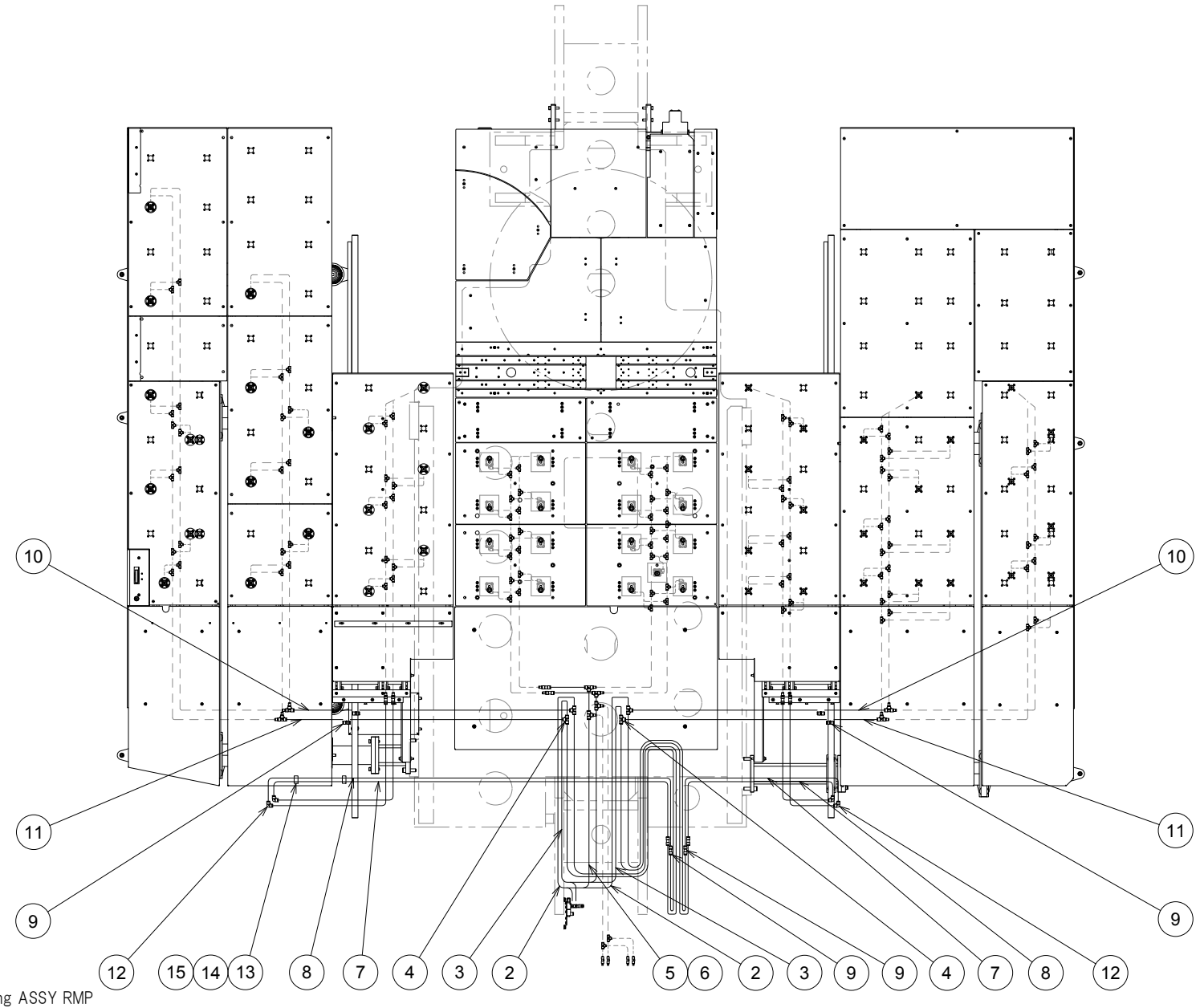


(1) F/B Up (Stationary Table)

WA00167--A
(WA00147---)

Unit No. 474 ASR-N/RMP <F/B Up (Stationary Table)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00167--A	F/B Up (Stationary Table)	Index 2-7	20
2	74613455 7831720--A	Cylinder SMC	CDQSB25-15-DCN070EN with Index 3-5	1
3	74613235 P586563125	One Touch Fitting SMC	KQ2L06-M5 (Union Elbow)	2
4	74613301 S420428---	PLANEVEYOR	PV20B-AM4	1
5	74613246 S420120---	Washer SMC	M8 (1.6t)	1
6	74417294 6875692	Cylinder Collar		1
7	74387325 P334500059	Button Head Screw JIS	M6X35	4



(1) Cylinder Piping ASSY RMP

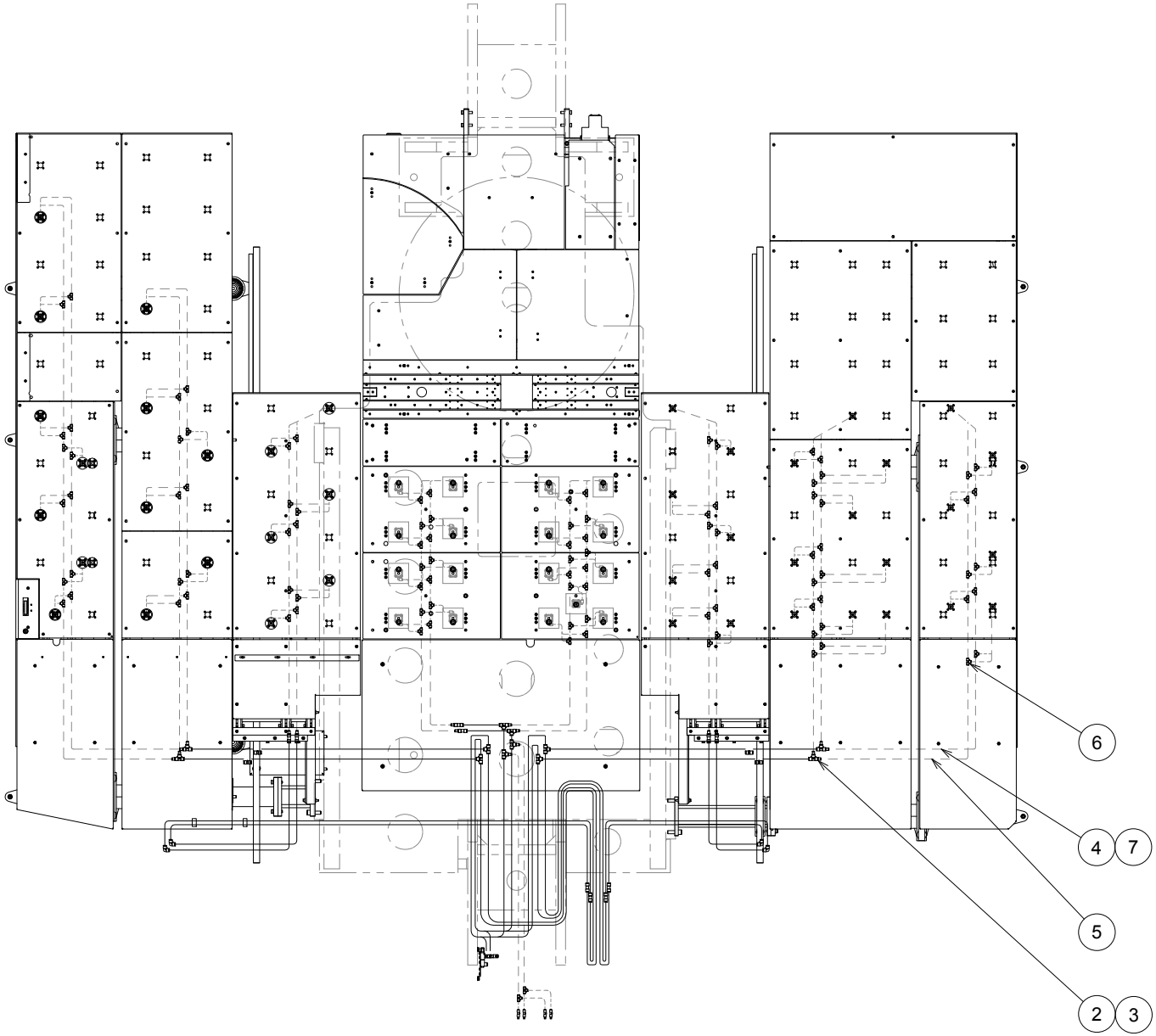
CE01660---
(CE02077---)

Unit No. 475 ASR-N/RMP <Cylinder Piping ASSY RMP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01660---	Cylinder Piping ASSY RMP	Index 2-15	1
2	74569865 / P230242263	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Blue)-7M	2
3	74569864 / P230242264	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Red)-7M	2
4	74379378 / P586604013	One Touch Fitting / NITTA MOORE	EUT10	4
5	74569865 / P230242107	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Blue)-1.5M	1
6	74569864 / P230242106	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Red)-1.5M	1
7	74569865 / P230242263	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Blue)-7M	2
8	74569864 / P230242264	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Red)-7M	2
9	74382404 / P586604021	One Touch Fitting / NITTA MOORE	EUC10	4
10	74569865 / P230242109	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Blue)-3M	2
11	74569864 / P230242108	Plastic Hose / NITTA MOORE	U2-4-10X6.5(Red)-3M	2
12	74379550 / P586564016	One Touch Fitting / NITTA MOORE	EUL10	4

Unit No. 475 ASR-N/RMP <Cylinder Piping ASSY RMP>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74776909	Cable Band	KR8G5	2
	P381058018	Tyton		
14	74776743	Hex Socket Cap Screw	M6X10	2
	P330220003			
15	74310422	Cable Band	CV-100N	2
	P381058011	SHIBAKEI		

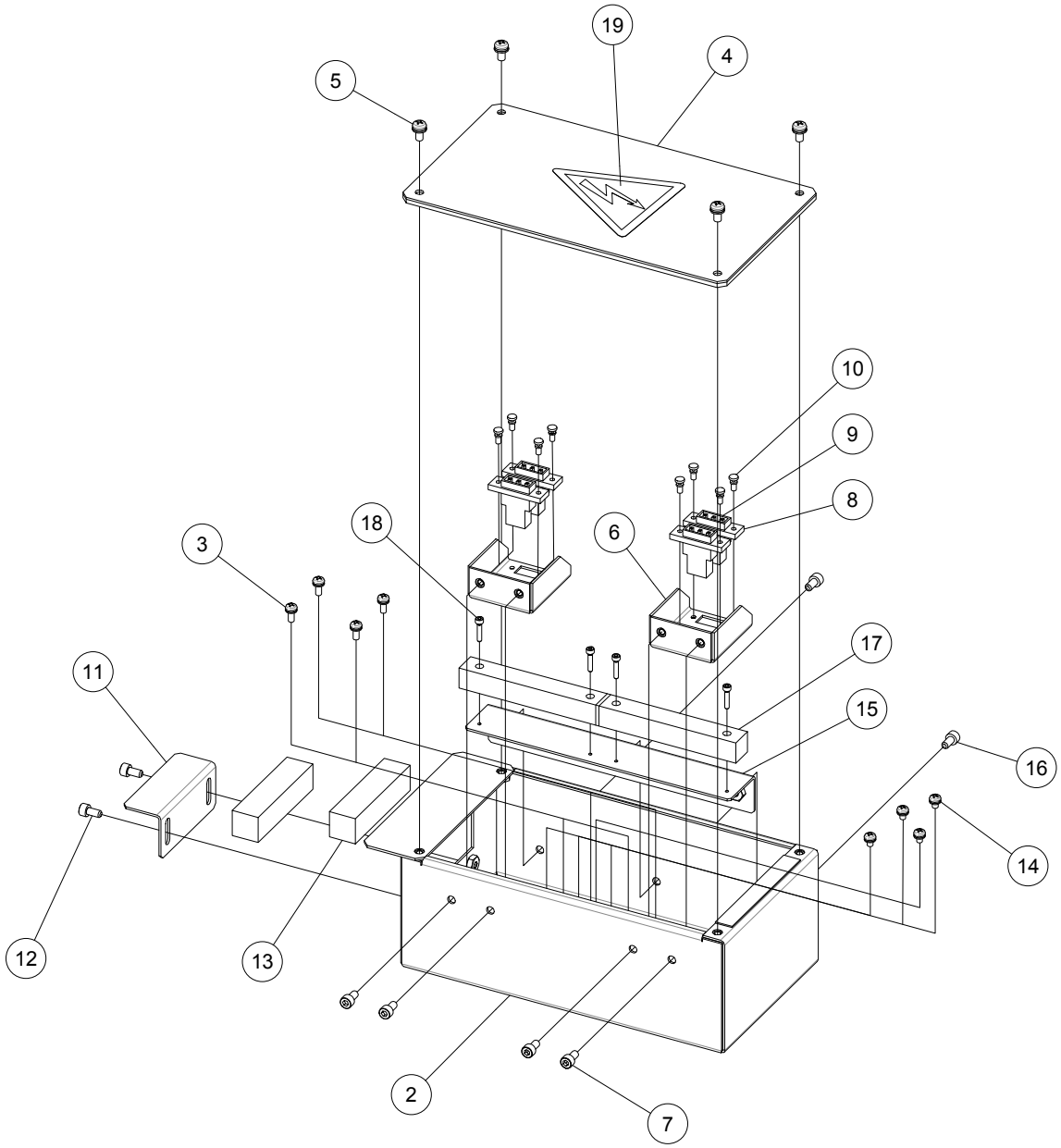


(1) R Stationary Table Piping Kit

CE01666---
(CE02077---)

Unit No. 476 ASR-N/RMP <R Stationary Table Piping Kit>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE01666---	R Stationary Table Piping Kit	Index 2-7	1
2	74379378 P586604013	One Touch Fitting NITTA MOORE	EUT10	2
3	74562784 P586654002	One Touch Fitting NITTA MOORE	ER6-10	4
4	74569815 P230222104	Plastic Hose NITTA MOORE	U2-4-6X4(Blue)-10M	2
5	74569814 P230222105	Plastic Hose NITTA MOORE	U2-4-6X4(Red)-10M	2
6	74338327 P586604012	One Touch Fitting NITTA MOORE	EUT6	26
7	74901397 P379608003	Clip NIC AUTOTEC	ATC-68-P100	12



(1) Junction Box R ASSY

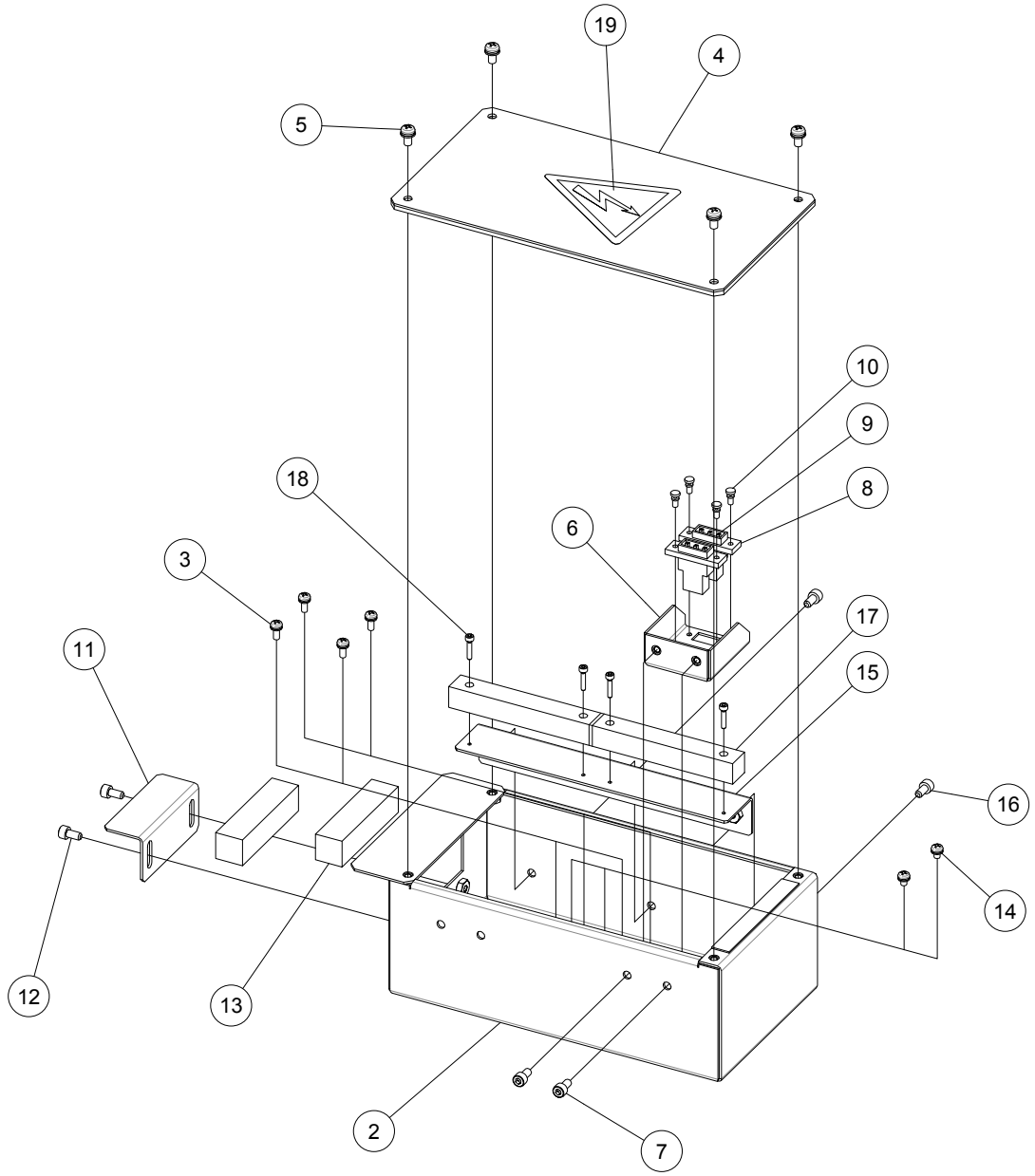
CE02884---
(WA00158---)

Unit No. 477 ASR-N/RMP <Junction Box R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02884---	Junction Box R ASSY	Index 2-19	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74575149 6826465	Housing Plate FC		2
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	4
8	74386502 P862042073	Rectangle Connector AMP	1-178802-3	2
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	6
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	4
11	74901477 MA01118---	Cable Clamp FC		1
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 477 ASR-N/RMP <Junction Box R ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
14	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	2
15	74901478 MA01119---	Bracket		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
17	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
18	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
19	74379098 P360200003	Charging Mark JIS	JISB6015-80H	1



(1) Junction Box RC ASSY

CE02885---
(WA00159---)

Unit No. 478 ASR-N/RMP <Junction Box RC ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02885---	Junction Box RC ASSY	Index 2-19	1
2	74901660 WA00218---	Junction Box R		1
3	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
4	74901661 WA00219---	Junction Box Cover		1
5	74452266 P334200308	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-4)	4
6	74575149 6826465	Housing Plate FC		1
7	74183604 P330210003	Hex Socket Cap Screw	M5X10	2
8	74386502 P862042073	Rectangle Connector AMP	1-178802-3	1
9	74489980 P862142029	Plug Type Terminal AMP	175289-2	3
10	74386505 P862182002	Accessory for Connector AMP	900128-2 (Push Rivet)	2
11	74901477 MA01118---	Cable Clamp FC		1
12	74183604 P330210003	Hex Socket Cap Screw	M5X10	2

Unit No. 478 ASR-N/RMP <Junction Box RC ASSY>

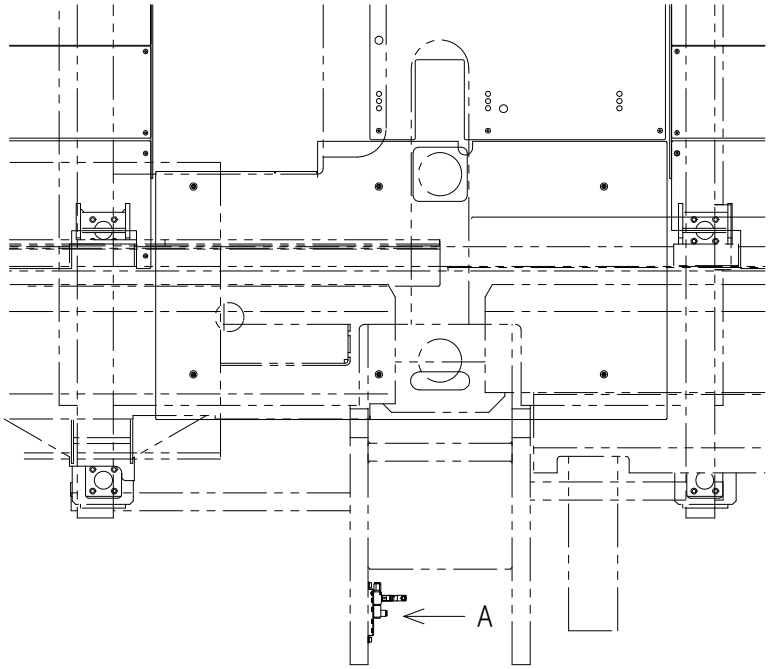
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74901384 P230580087	Rubber Sponge	CR-T20X20X80	2
14	74901391 P334200326	Sems Pan Head Screw	M4X6(Trivalent Chromate White P-4)	1
15	74901478 MA01119---	Bracket		1
16	74183604 P330210003	Hex Socket Cap Screw	M5X10	3
17	74569809 P864008047	Block Terminal WEIDMULLER	MK4/16KRG	1
18	74319101 P330200006	Hex Socket Cap Screw	M3X15	2
19	74379098 P360200003	Charging Mark JIS	JISB6015-80H	1

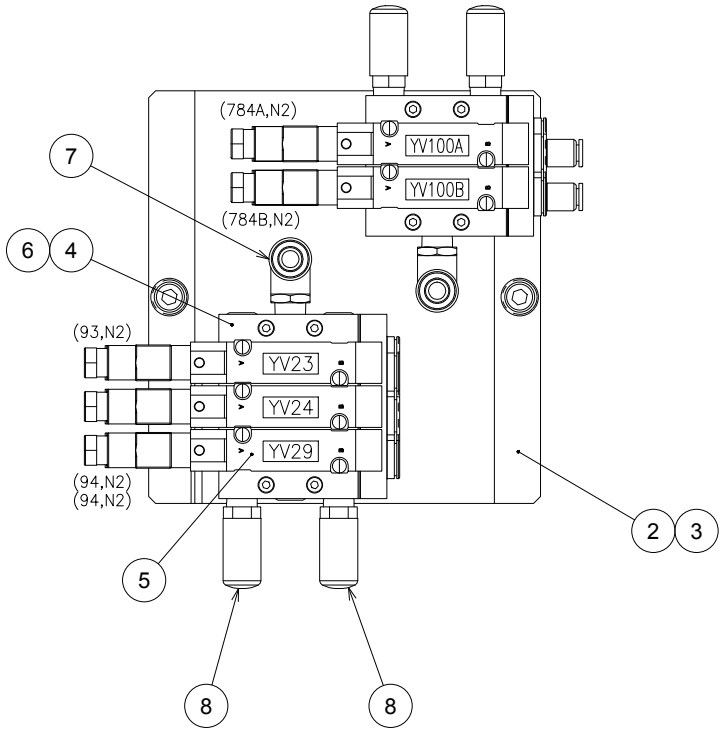
< List Only >

CE00808---

Unit No. 479 ASR-N/RMP <Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00808---	Cable ASSY	Index 23	1
2	74400898 CE01126--A	Cable CH-3		1
3	74902291 MA01554--A	Cable Y-18		1





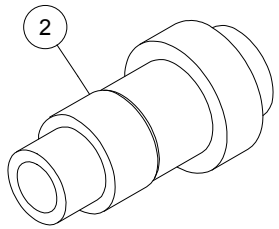
VIEW A

(1) 3-station SOL ASSY

WA00270--A
(WA00147---)

Unit No. 480 ASR-N/RMP <3-station SOL ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	WA00270--A	3-station SOL ASSY	Index 2-10	1
2	74903035 WA00271--A	Manifold Bracket		1
3	74382078 P330468006	Flange Socket Bolt NISSAN NEJI	M8X15	4
4	74903280 P556102180	Block Manifold SMC	SS5Y7-42-03-C10-Q	1
5	74901408 P556002701	Air Directional Control Valve SMC	SY7140-5DZ-Q	3
6	74776730 P330200027	Hex Socket Cap Screw	M4X50	4
7	74451489 P586563129	One Touch Fitting SMC	KQ2L10-02S	1
8	74903289 P557032033	Silencer SMC	AN20-02	2
9	74902292 MA01559--A	Cable TMBOP	List Only	1
10	74777004 P580208021	Plug for Piping	PT-1/4 List Only	3



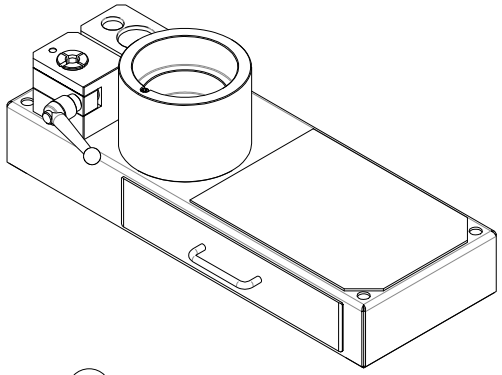
(1) Jumper Connector ASSY

3830238

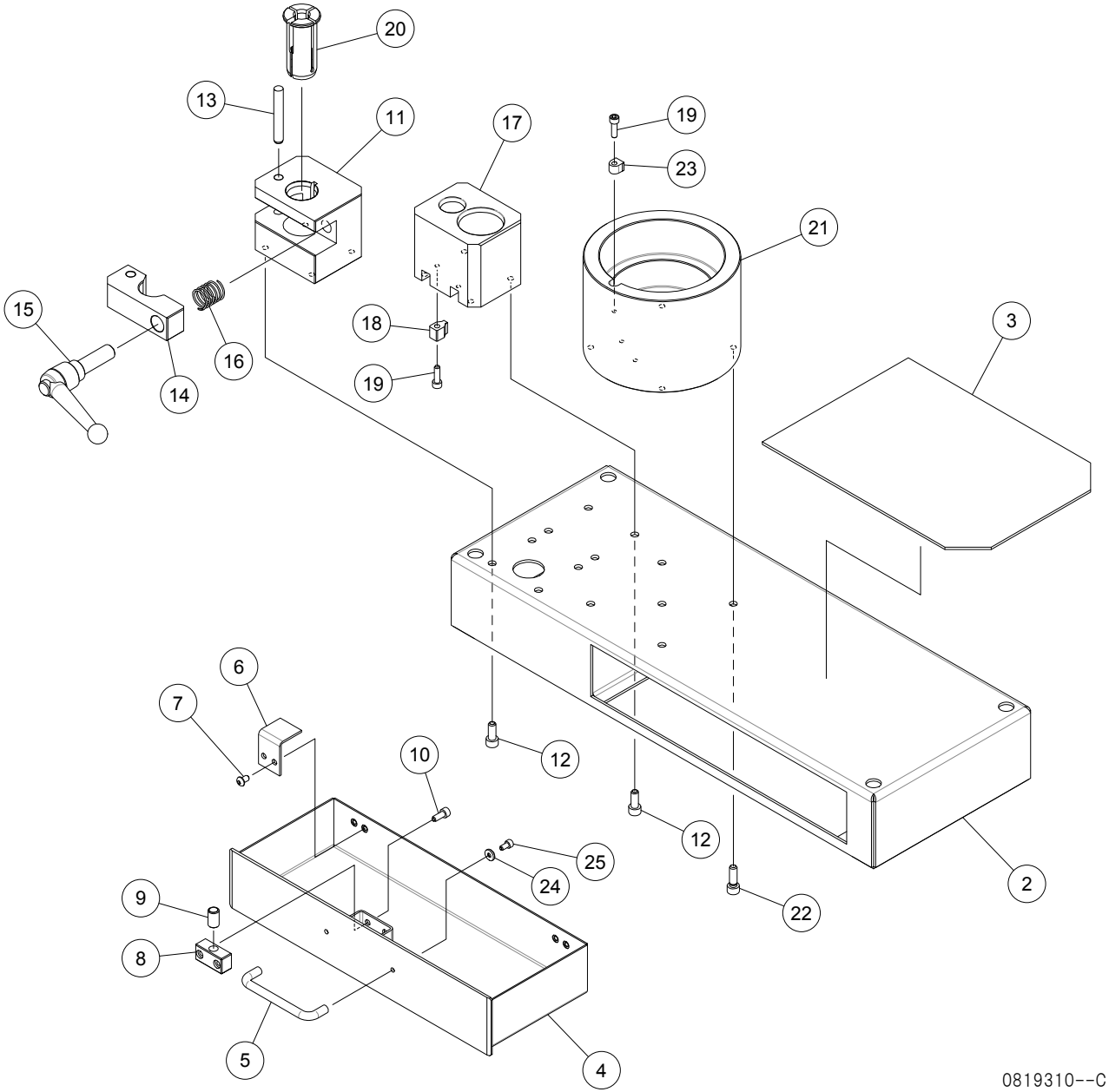
Unit No. 481 ASR-N/RMP <Jumper Connector ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Jumper Connector ASSY		1
	3830238		Index 2	
2	74453503	Jumper Connector X-9 (0)	PLT-162-P	1
	3830239			

Unit No. 482 Punch Assembling Jig <Punch Assembling Jig ASSY>



1 Punch Assembling Jig ASSY



Unit No. 482 Punch Assembling Jig <Punch Assembling Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	0819310--C	Punch Assembling Jig ASSY	Index 2-26	1
2	74346201 0819311	Workbench		1
3	74346221 0819312	Rubber Sheet	E8/2U0/V10SG(Green)	1
4	74346226 0819313	Drawer		1
5	74776715 P317122010	Pull Lever TAKIGEN	A-1042-C-6	1
6	74346230 0819314	Stopper		2
7	74183302 P334500013	Button Head Screw	M6X10	4
8	74306105 0827066	Latchet Block		1
9	74570287 P338182013	Ball Plunger JEC	BP-12-H	1
10	74183608 P330220006	Hex Socket Cap Screw	M6X15	2
11	74901761 0827058--C	Clamp Body		1
12	74183621 P330230006	Hex Socket Cap Screw	M8X20	8

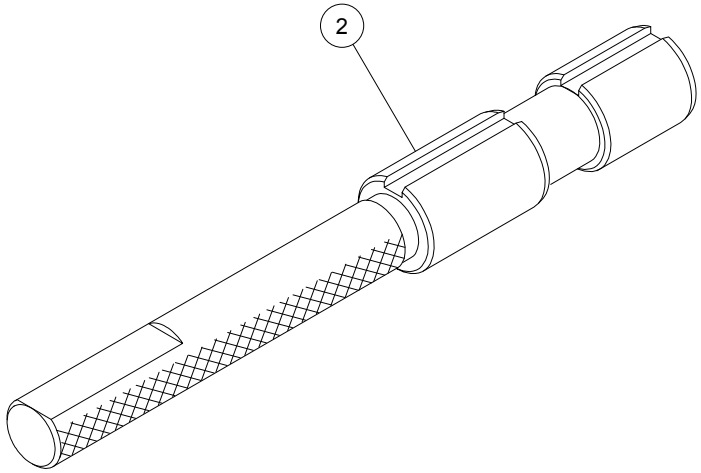
Unit No. 482 Punch Assembling Jig <Punch Assembling Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74570288 P337020064	Parallel Pin JIS	A-10X70	1
14	74306032 0827059	Clamper		1
15	74346501 P437354016	Lever IMAO Mfg	KR16X50	1
16	74306101 0827060	Return Spring		1
17	74901763 0828087--A	Short Diameter Jig		1
18	74058814 0828067	Key		2
19	74183611 P330220009	Hex Socket Cap Screw JIS	M6X20	5
20	74775932 0827073 A	Bushing		1
21	74901762 0828086--A	Large Diameter Jig		1
22	74183623 P330230007	Hex Socket Cap Screw	M8X25	4
23	74306161 0828088 A	Key		3
24	74561335 P336258003	Decorative Washer TAKIGEN	A-1042-W-3	2

Unit No. 482 Punch Assembling Jig <Punch Assembling Jig ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
25	74183604	Hex Socket Cap Screw	M5X10	2
	P330210003			
26	74165506	Belt Wrench	BW-2	1
	P350333001	Super Tool	List Only	

Unit No. 483 Alignment Jig S <1/2">

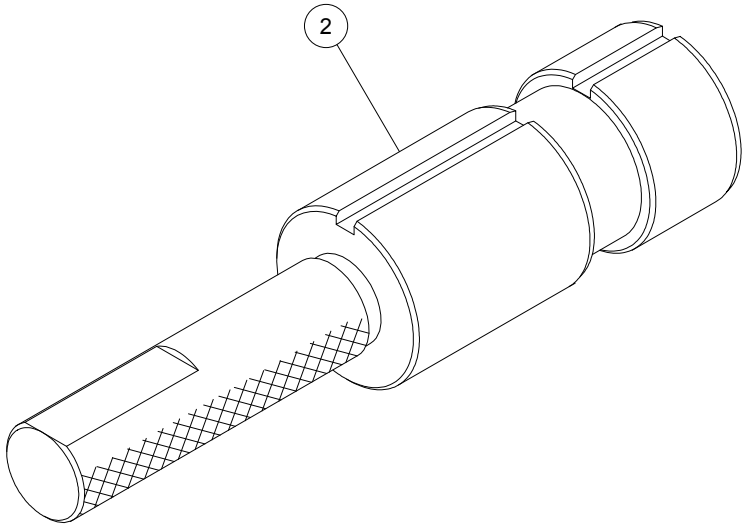


(1) 1/2″ Alignment Jig ASSY

6814475

Unit No. 483 Alignment Jig S <1/2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6814475	1/2" Alignment Jig ASSY	Index 2	2
2	74353214 0480919 B	Alignment Jig Outer		1

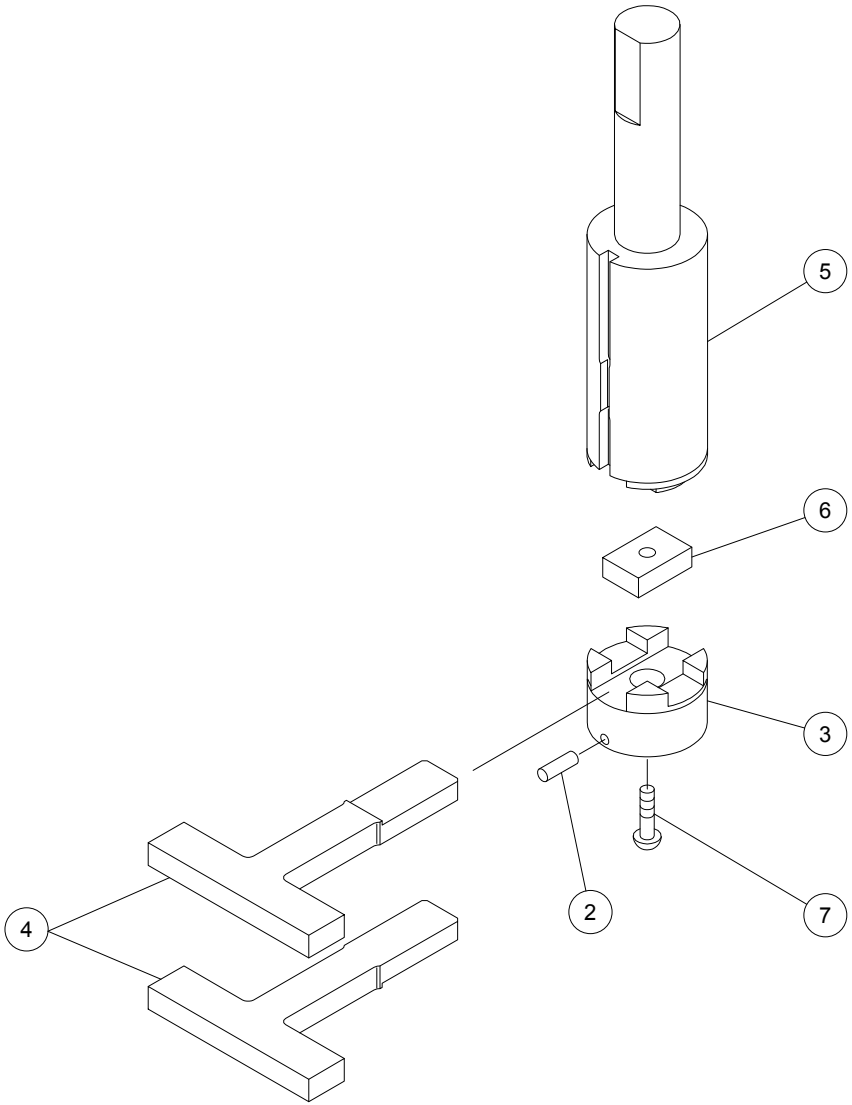


(1) 1-1/4" Alignment Jig ASSY

6814476

Unit No. 484 Alignment Jig S <1-1/4">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6814476	1-1/4" Alignment Jig ASSY	Index 2	2
2	74352313 0480918 B	Alignment Jig 1-1/4" Outer		1



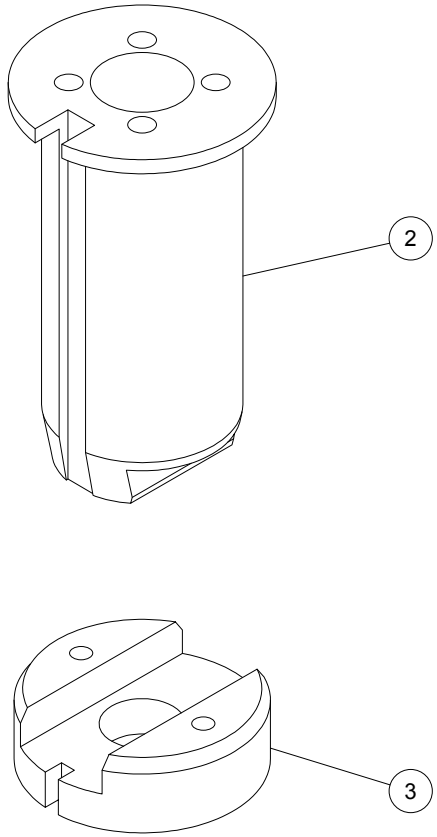
(1) A/I Jig ASSY

6048533

Unit No. 485 Alignment Jig S <A/I>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	74776545 6048533	A/I Jig ASSY	Index 2-7	1
2	74378008 5550138 A	Die Key		1
3	74421337 0827039 A	Die Jig		1
4	74568256 0822261 C	T-type Jig		2
5	74568257 0827037 A	Punch Jig		1
6	74453608 0827038 A	Key		1
7	74314603 P334500016	Button Head Screw	M6X20	1

Unit No. 486 Alignment Jig L <2">



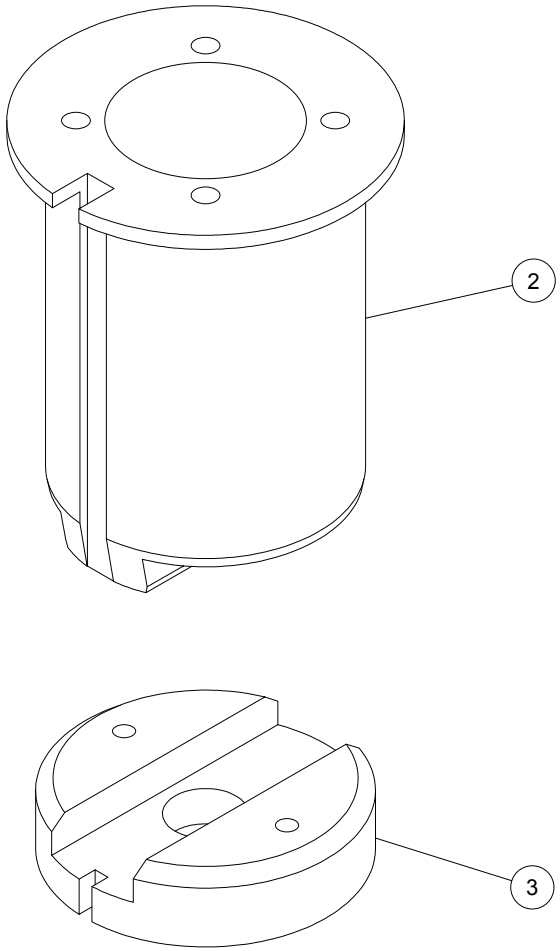
(1) 2″ Alignment Jig ASSY

6812675

Unit No. 486 Alignment Jig L <2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74415216	2" Alignment Jig ASSY		1
	6812675		Index 23	
2	74570670	2" Punch Gauge		1
	6812677			
3	74713163	2" Die Gauge		1
	0827333			

Unit No. 487 Alignment Jig L <3-1/2">



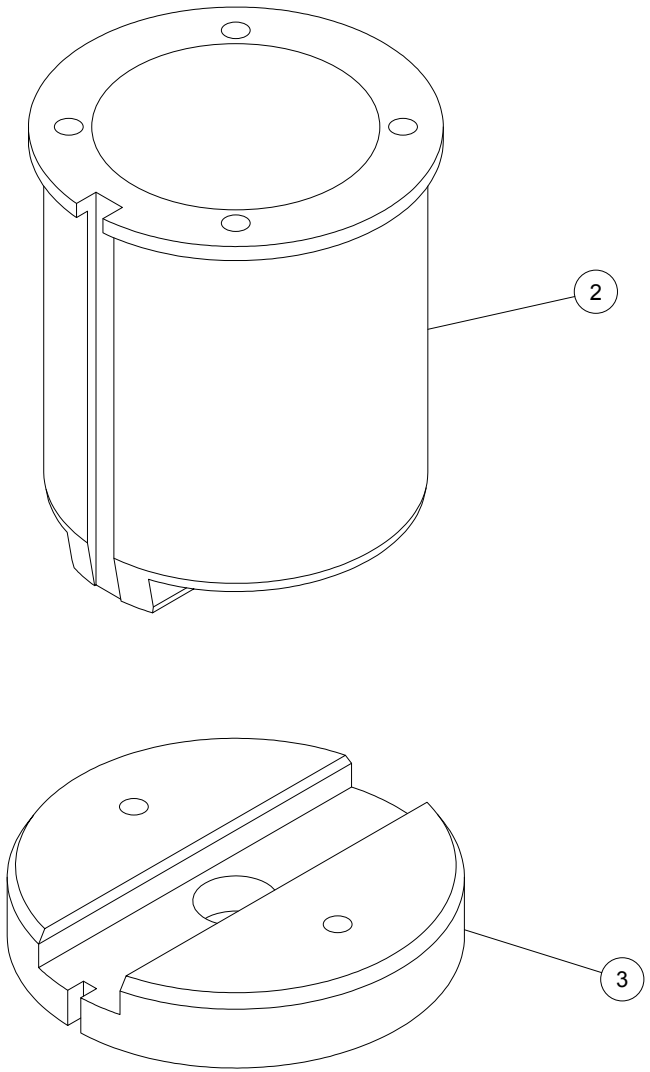
(1) 3-1/2″ Alignment Jig ASSY

6812679

Unit No. 487 Alignment Jig L <3-1/2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74415217	3-1/2" Alignment Jig ASSY		1
	6812679		Index 23	
2	74570671	3-1/2" Punch Gauge		1
	6812681			
3	74713164	3-1/2" Die Gauge		1
	0827338			

Unit No. 488 Alignment Jig L <4-1/2">



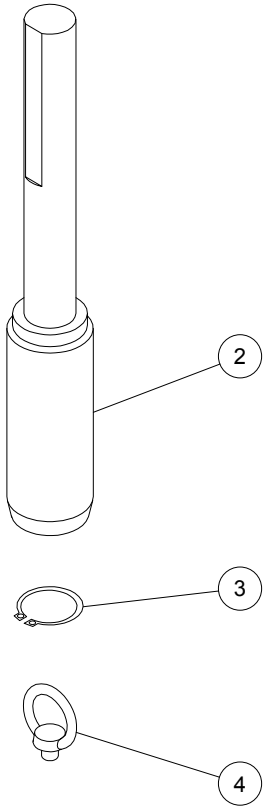
(1) 4-1/2" Alignment Jig ASSY

6812683

Unit No. 488 Alignment Jig L <4-1/2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74415218	4-1/2" Alignment Jig ASSY		1
	6812683		Index 23	
2	74570672	4-1/2" Punch Gauge		1
	6812685			
3	74713165	4-1/2" Die Gauge		1
	0827343			

Unit No. 489 Alignment Jig L <Positioning Pin ASSY>



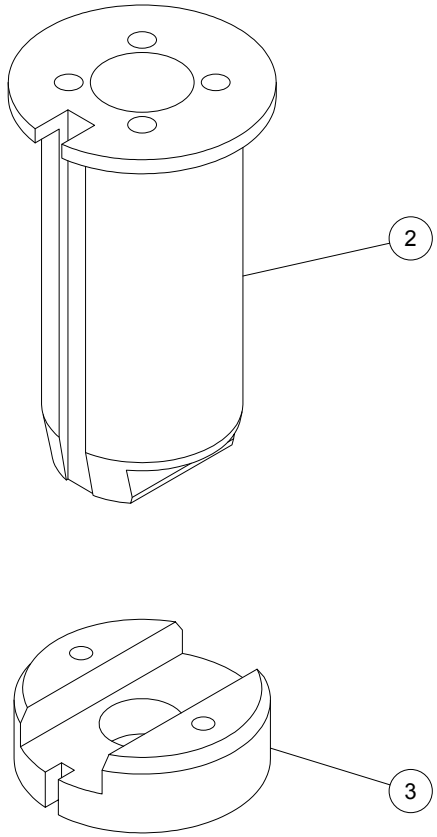
(1) Positioning Pin ASSY

6502167

Unit No. 489 Alignment Jig L <Positioning Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74776548	Positioning Pin ASSY		1
	6502167		Index 2-4	
2	74571501	Locating Pin		1
	0827334 A			
3	74571502	Locating Snap Ring	STW-26	1
	P406108150	OCHIAI		
4	79316339	Eyebolt	M10	2
	P338000002	JIS		

Unit No. 490 Alignment Jig L D <2">

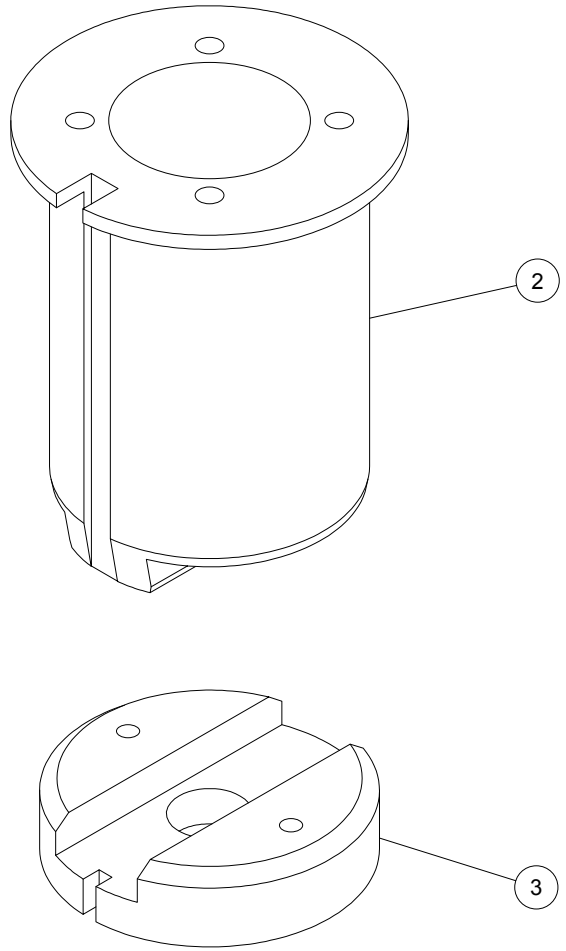


(1) 2″ Alignment Jig ASSY

6812675

Unit No. 490 Alignment Jig L D <2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74415216	2" Alignment Jig ASSY		1
	6812675		Index 23	
2	74570670	2" Punch Gauge		1
	6812677			
3	74713163	2" Die Gauge		1
	0827333			



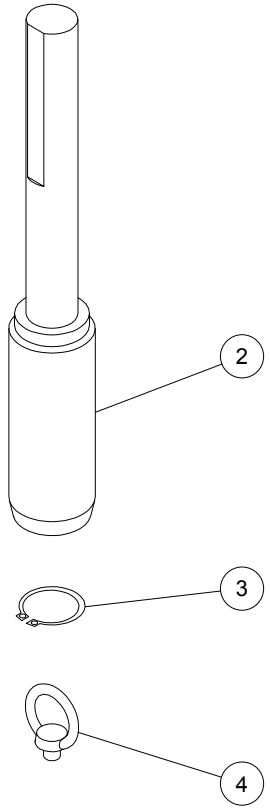
(1) 3-1/2″ Alignment Jig ASSY

6812679

Unit No. 491 Alignment Jig L D <3-1/2">

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74415217	3-1/2" Alignment Jig ASSY		1
	6812679		Index 23	
2	74570671	3-1/2" Punch Gauge		1
	6812681			
3	74713164	3-1/2" Die Gauge		1
	0827338			

Unit No. 492 Alignment Jig L D <Positioning Pin ASSY>

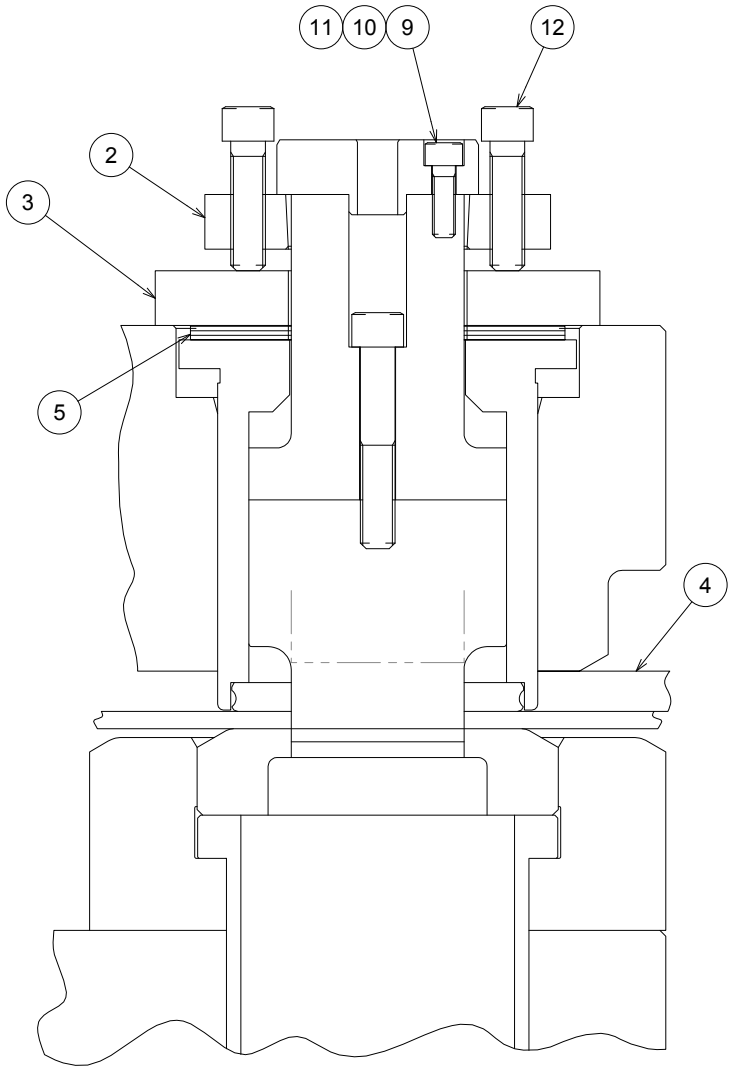


(1) Positioning Pin ASSY

6502167

Unit No. 492 Alignment Jig L D <Positioning Pin ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74776548 / 6502167	Positioning Pin ASSY	Index 2-4	1
2	74571501 / 0827334 A	Locating Pin		1
3	74571502 / P406108150	Locating Snap Ring / OCHIAI	STW-26	1
4	79316339 / P338000002	Eyebolt / JIS	M10	2



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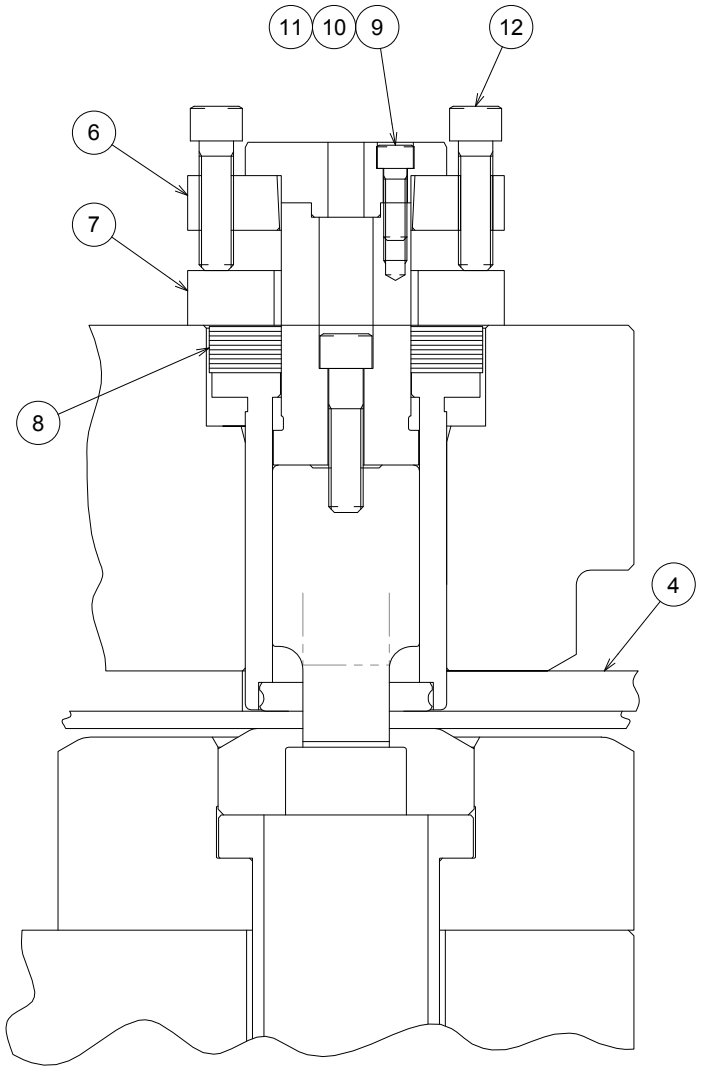
(1) Punch Remover L

7408220
(7408223)



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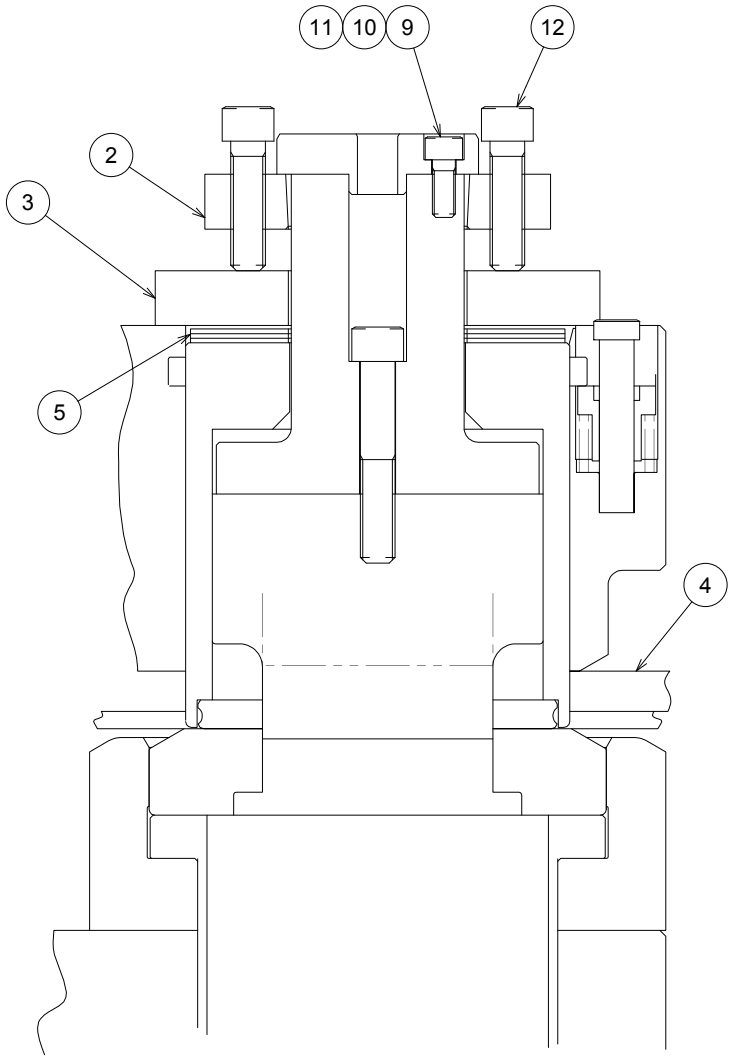
(7408222)



<4-1/2″>

7408220
(7408224)

Unit No. 493 Punch Remover L

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	7408220	Punch Remover L	Index 2-12	1
2	74570674 7404450 A	Plate 1		1
3	74570675 7404451 A	Support Plate 1		1
4	74570676 7404452 A	Turret Spacer		1
5	74570677 7404453 A	Punch Guide Spacer 1		7
6	74570678 7404454 A	Plate 2		1
7	74570679 7404455 A	Support Plate 2		1
8	74570680 7404457 A	Punch Guide Spacer 2		13
9	74183623 P330230007	Hex Socket Cap Screw	M8X25	2
10	74183624 P330230008	Hex Socket Cap Screw	M8X30 2" 3-1/2" 4-1/2	2
10	74183614 P330220012	Hex Socket Cap Screw	M6X30 2" Air Blower	2
11	74183625 P330230009	Hex Socket Cap Screw	M8X35 2" 3-1/2" 4-1/2	4

Unit No. 493 Punch Remover L

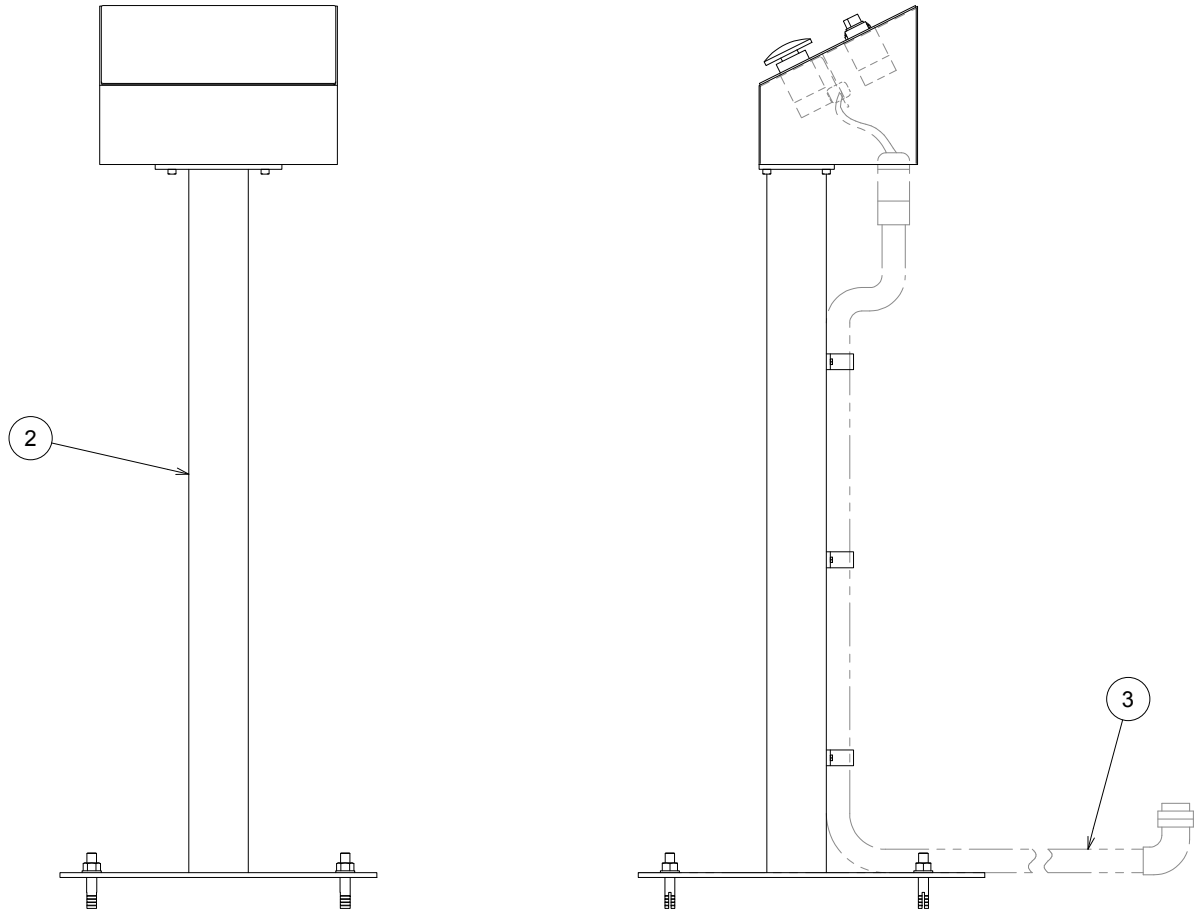
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
11	74183615	Hex Socket Cap Screw	M6X35	4
	P330220013		2" Air Blower	
12	74183658	Hex Socket Cap Screw	M12X45	8
	P330250008			

< List Only >

6827495

Unit No. 494 Accessory Paint

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Accessory Paint		1
	6827495		Index 2-4	
2	74903105	Paint	AM COR-TEN	1
	P237002002	MORI SHOJI		
3	74903104	Paint	AM Vermilion	1
	P237002001	MORI SHOJI		
4	74903103	Paint	4kg	1
	P237000013	Daitai Kako		

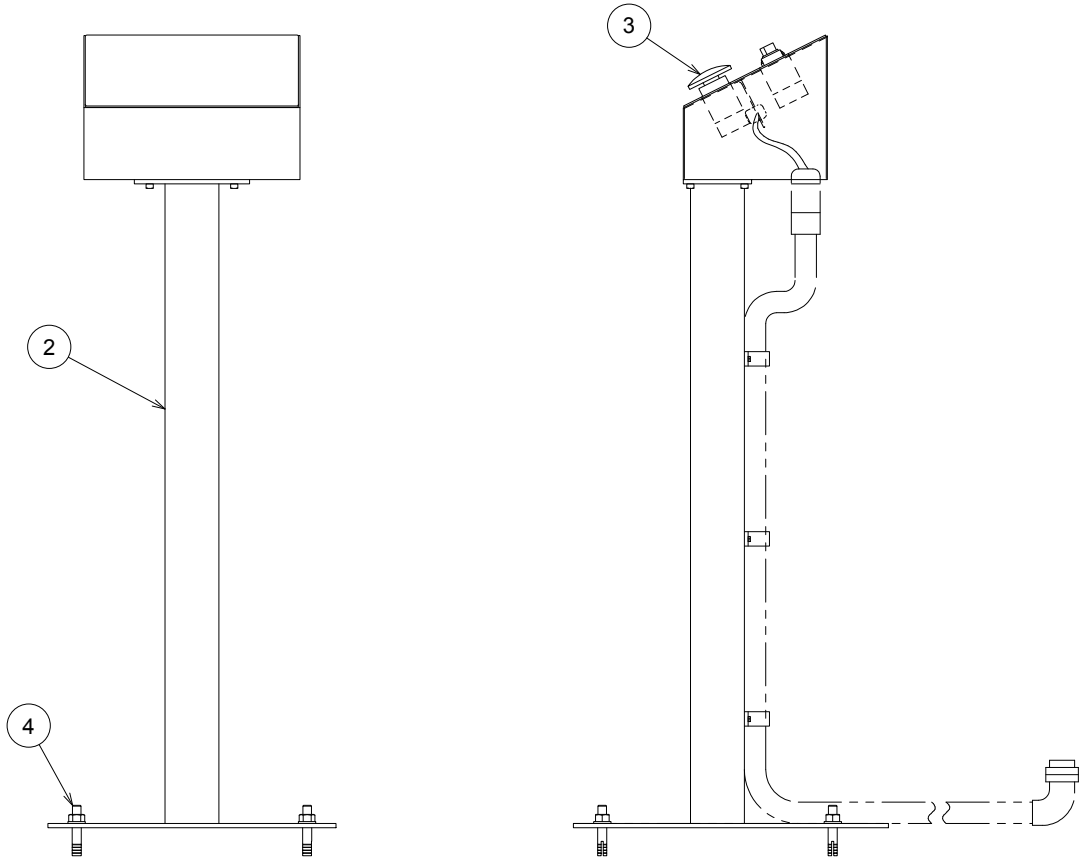


(1) Subcontrol Stand DOM

CE00577---
(3805422---)

Unit No. 495 Subcontrol Stand

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE00577---	Subcontrol Stand DOM	Index 23	1
2	3805425--B	Subcontrol Stand DOM		1
3	3805424--A	Subcontrol Stand Cable ASSY		1

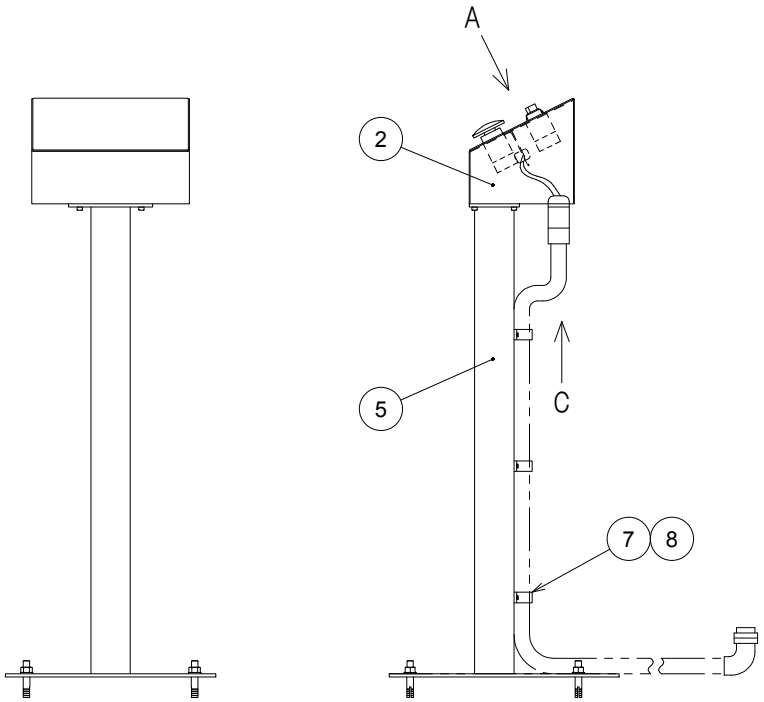


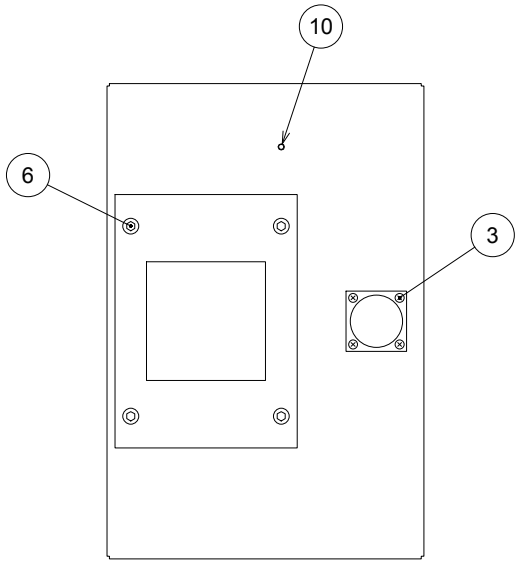
(1) Subcontrol Stand DOM

3805425--B
(3805422---)

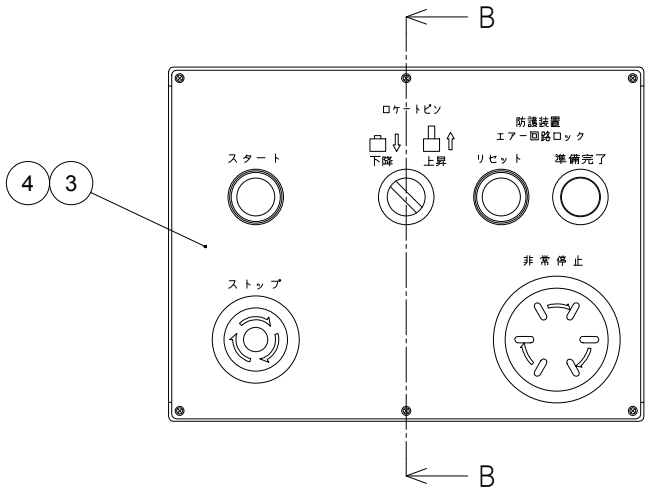
Unit No. 496 Subcontrol Stand <Subcontrol Stand DOM>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3805425--B	Subcontrol Stand DOM	Index 2-5	1
2	3805422---	Subcontrol Stand ASSY		1
3	6897743---	Switch ASSY 1		1
4	6527815	Anchor ASSY		1
5	3805427--A	Subcontrol Stand Box Inner Cable ASSY	List Only	1

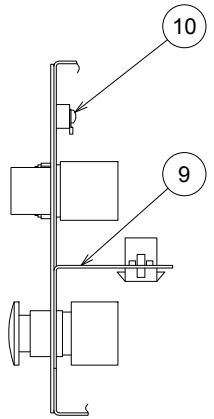




VIEW C



VIEW A



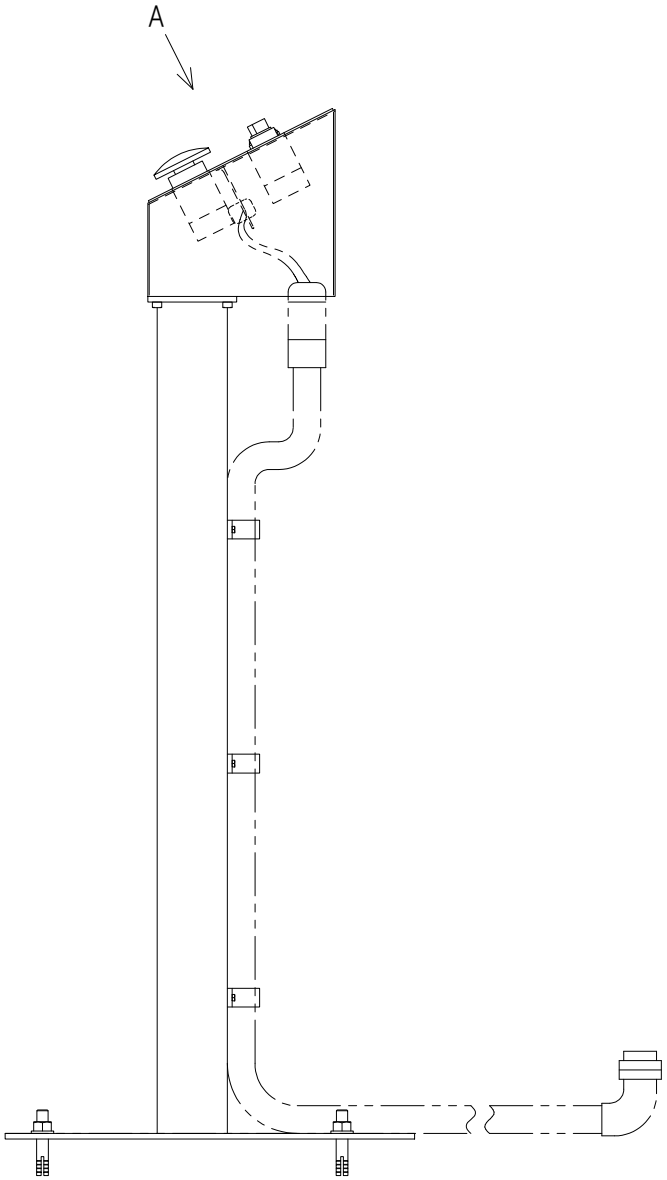
SECTION B-B

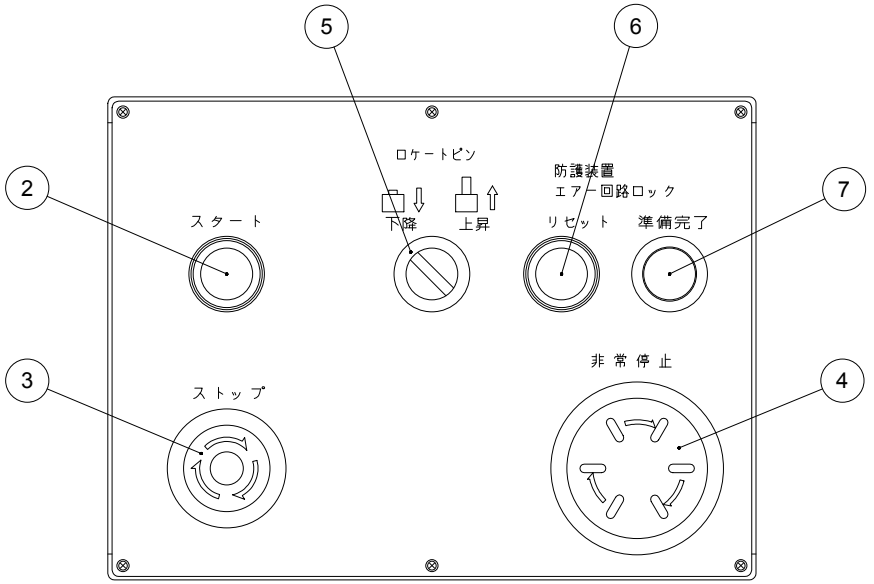
(1) Subcontrol Stand ASSY

3805422---

Unit No. 497 Subcontrol Stand <Subcontrol Stand ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3805422---	Subcontrol Stand ASSY	Index 2-10	1
2	74720417 6046772	Operating Box		1
3	74355801 P334100003	Pan Head Screw JIS	M3X6	10
4	74902097 6898267---	Panel J	Japanese	1
5	74614083 6894775	Stand		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74387221 P381017086	Saddle for Conduit DAIWA DENGYO	FCD-15	3
8	74314401 P330200015	Hex Socket Cap Screw	M4X10	6
9	74614079 6885250---	Connector Bracket		1
10	74305015 P334100018	Pan Head Screw JIS	M4X10	2





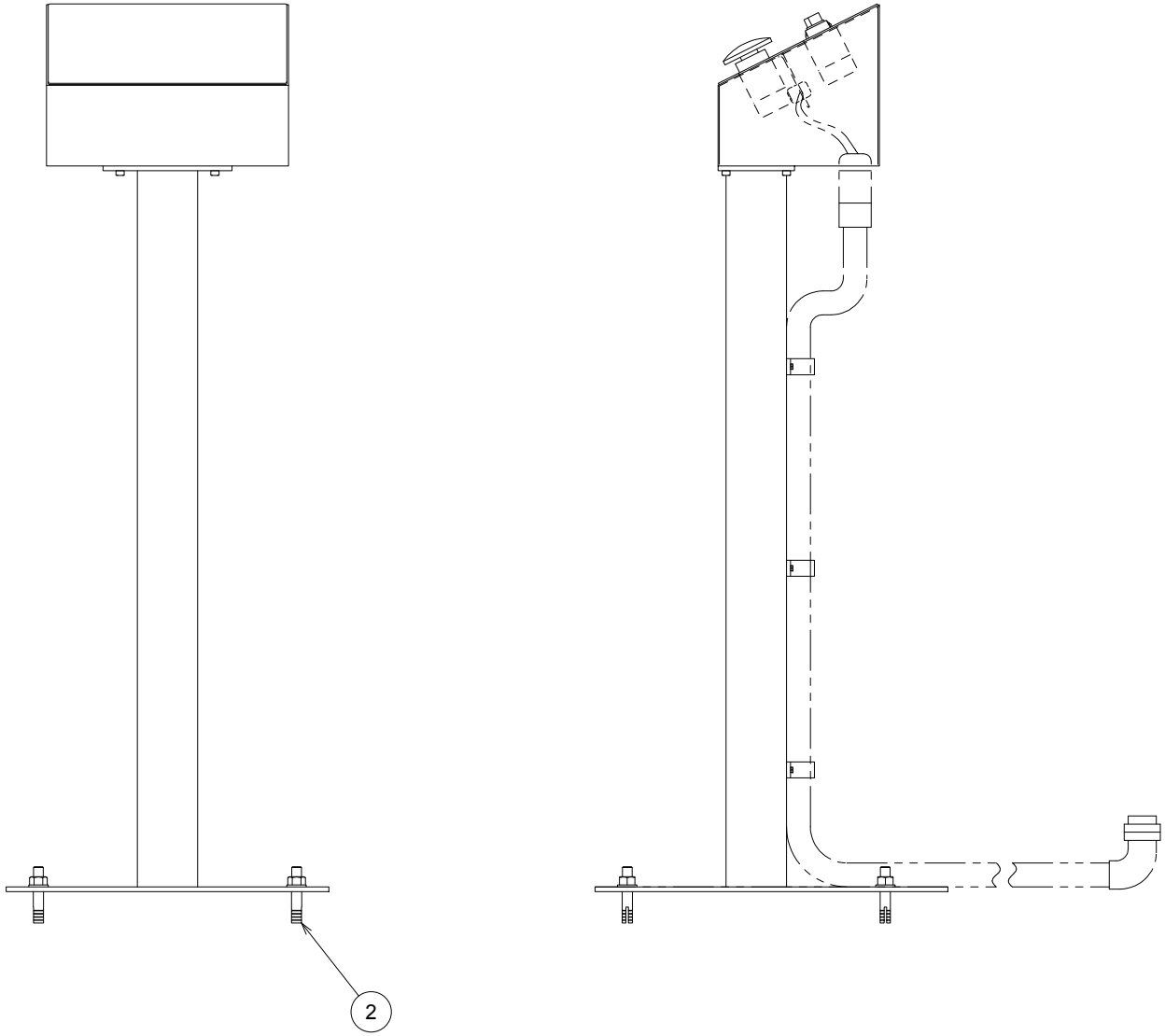
VIEW A

(1) Switch ASSY 1

6897743---
(3805422---)

Unit No. 498 Subcontrol Stand <Switch ASSY 1>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Switch ASSY 1		1
	6897743---		Index 2-7	
2	74452941	Illuminated Pushbutton Switch	AR30G3L-10E3W-Z037	1
	P822124047	FUJI Electric		
3	74568712	Push Button Switch	AR30V3R-01BZ235	1
	P821124128	FUJI Electric		
4	74570048	Push Button Switch	AR30V1R-02R-Z037	1
	P821124129	FUJI Electric		
5	74777232	Key Select Switch	AR30PR-210B-Z037	1
	P820004083	FUJI Electric		
6	74614202	Push Button Switch	AR30G1R-10S-Z037	1
	P821124197	FUJI Electric		
7	74614203	Indicator Apparatus	DR30D0L-E3G	1
	P843054034	FUJI Electric		



(1) Anchor ASSY

6527815
(3805422---)

Unit No. 499 Subcontrol Stand <Anchor ASSY>

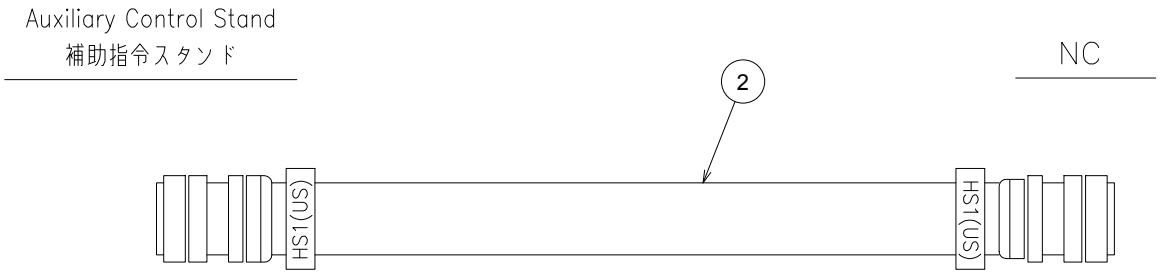
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Anchor ASSY		1
	6527815		Index 2	
2	79340568	Anchor	C-1270	2
	P338213009	SANKO Technology		

< List Only >

3805427--A

Unit No. 500 Subcontrol Stand <Subcontrol Stand Box Inner Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3805427--A	Subcontrol Stand Box Inner Cable ASSY	Index 2-4	1
2	74902091 6885248--A	Cable CN1 US		1
3	74614078 6885249--A	Cable CN2 US		1
4	74902087 6882404 A	Cable CN3 US		1

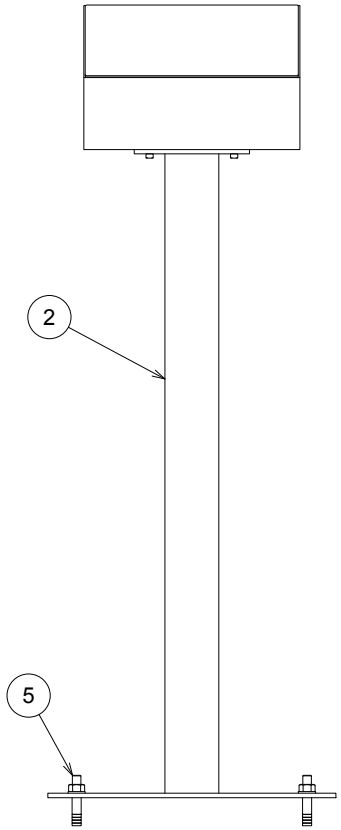


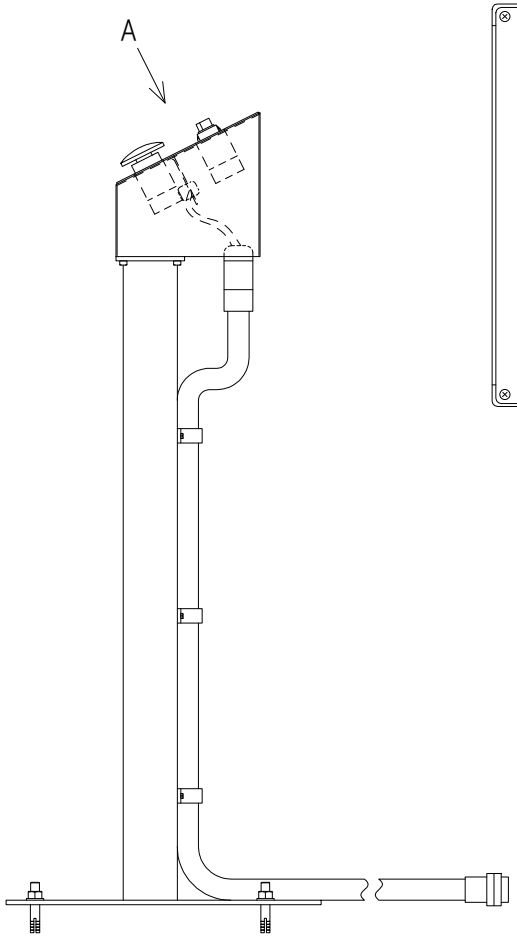
(1) Subcontrol Stand Cable ASSY

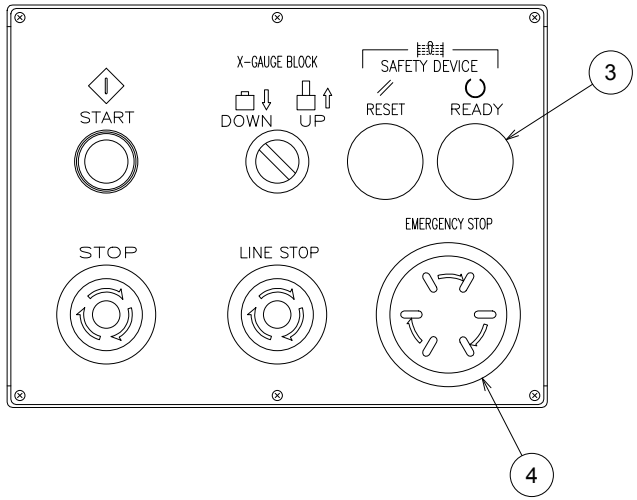
3832834---

Unit No. 501 Subcontrol Stand <Subcontrol Stand Cable ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3805424--A	Subcontrol Stand Cable ASSY	Index 2	1
2	74902019 3832834---	Cable HS1 US		1







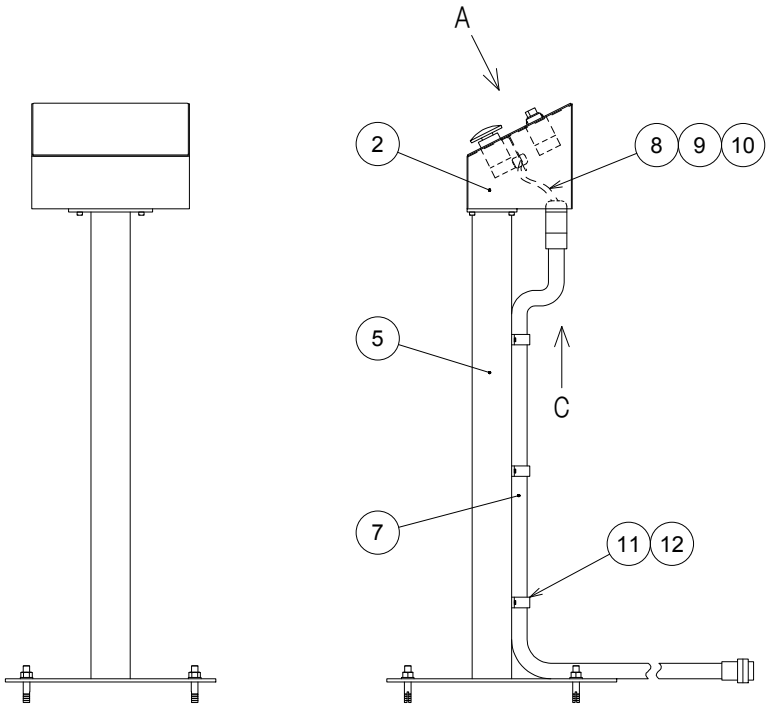
VIEW A

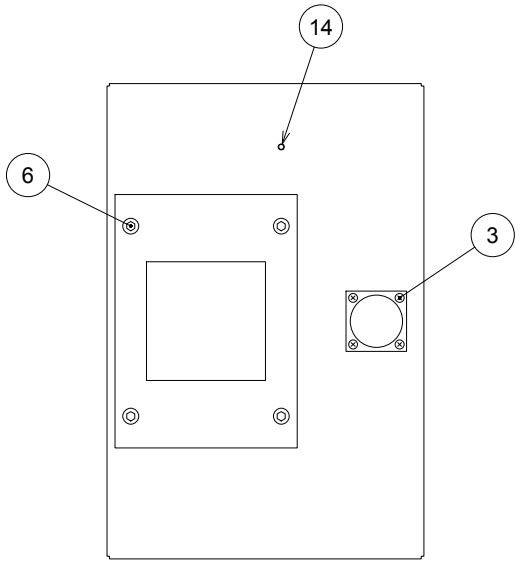
(1) Subcontrol Stand US

3830080--E
(3832833--A)

Unit No. 502 Subcontrol Stand <Subcontrol Stand US>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3830080--E	Subcontrol Stand US	Index 2-6	1
2	3832833--A	Subcontrol Stand ASSY	English	1
2	3832832--A	Subcontrol Stand ASSY CHINA	Chinese	1
3	6882396	Plug ASSY		2
4	6882419	Switch ASSY 4		1
5	6527815	Anchor ASSY		1
6	1565392--C	US Stand Control Parts	List Only	1





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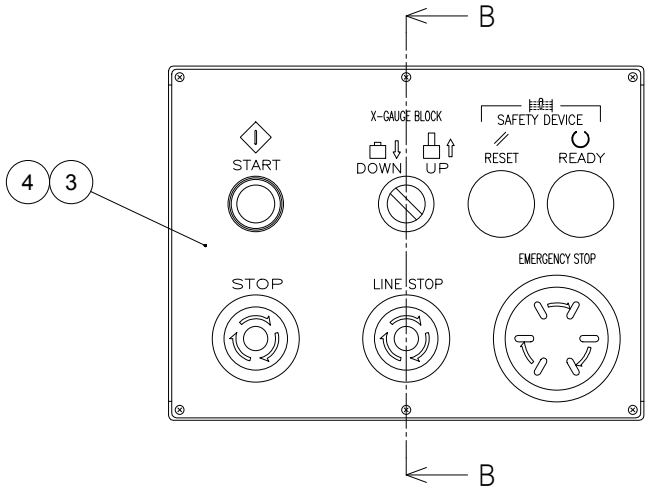

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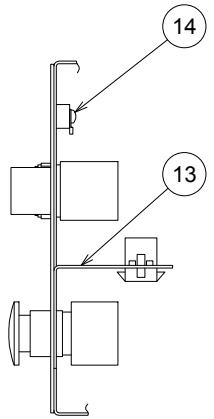


SECTION B-B

(1) Subcontrol Stand ASSY

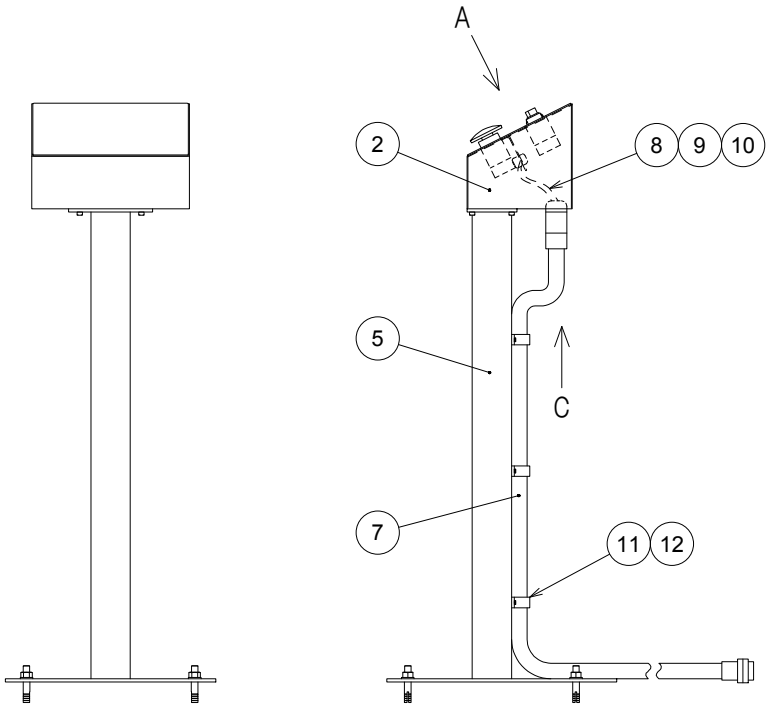
3832833--A

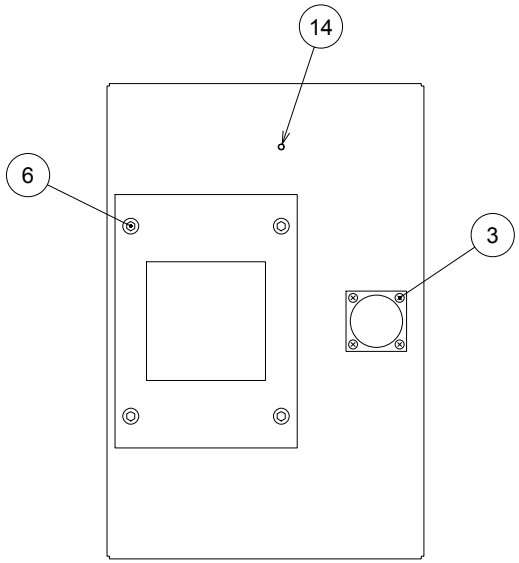
Unit No. 503 Subcontrol Stand <Subcontrol Stand ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3832833--A	Subcontrol Stand ASSY	Index 2-14	1
2	74720417 6046772	Operating Box		1
3	74355801 P334100003	Pan Head Screw JIS	M3X6	10
4	74902090 6885246---	Panel US		1
5	74614083 6894775	Stand		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74902019 3832834---	Cable HS1 US		1
8	74902091 6885248--A	Cable CN1 US		1
9	74614078 6885249--A	Cable CN2 US		1
10	74902087 6882404 A	Cable CN3 US		1
11	74387221 P381017086	Saddle for Conduit DAIWA DENGYO	FCD-15	3
12	74314401 P330200015	Hex Socket Cap Screw	M4X10	6

Unit No. 503 Subcontrol Stand <Subcontrol Stand ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74614079 6885250---	Connector Bracket		1
14	74305015 P334100018	Pan Head Screw JIS	M4X10	2





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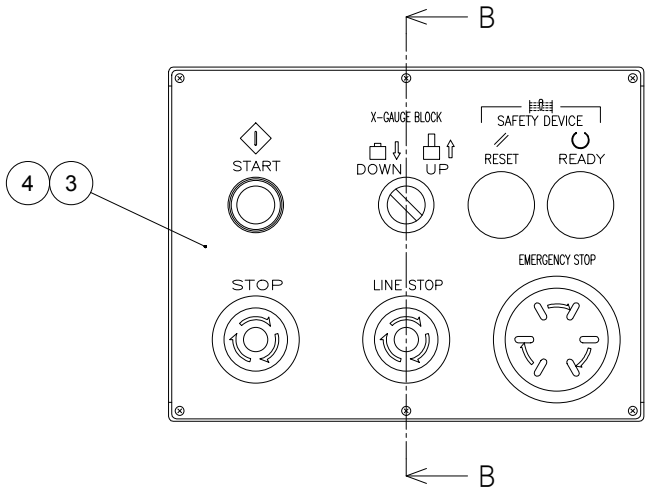

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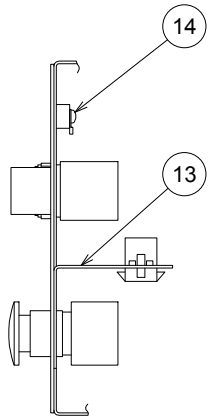


SECTION B-B

(1) Subcontrol Stand ASSY CHINA

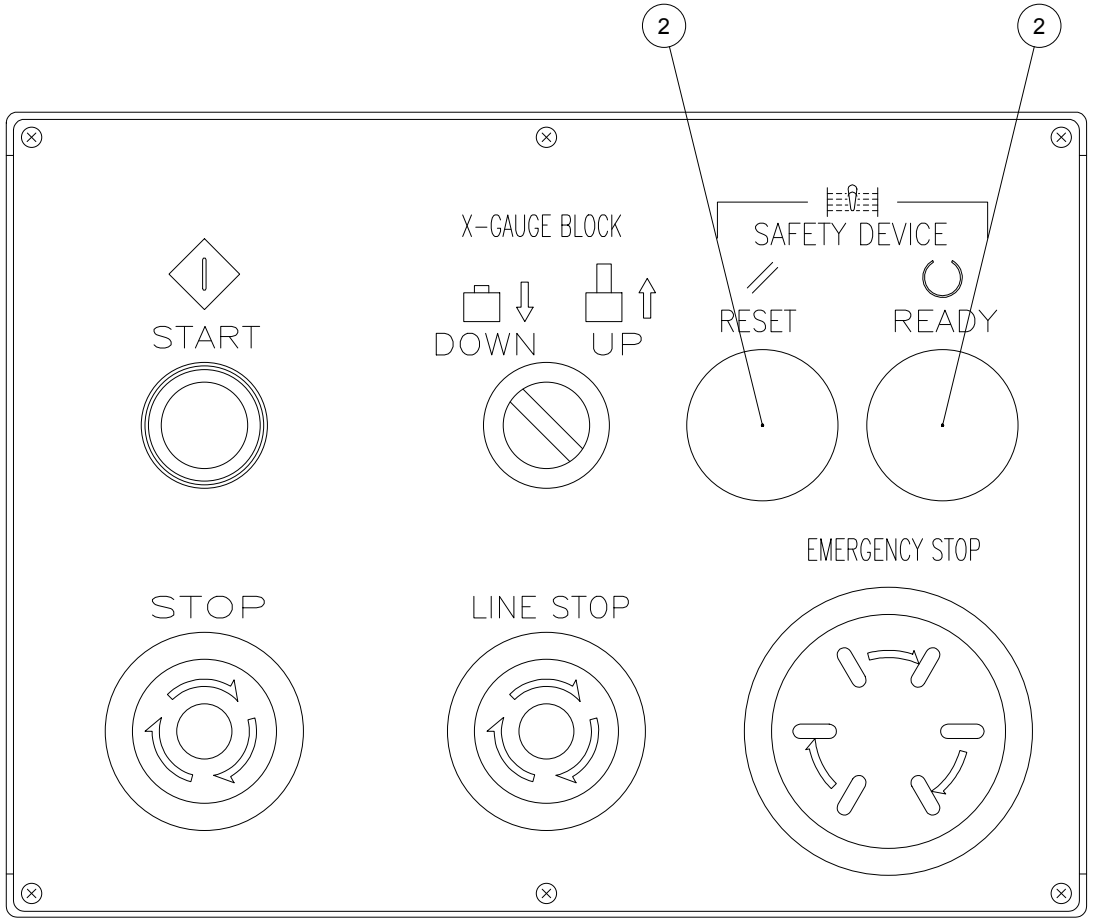
3832832--A
(3832833--A)

Unit No. 504 Subcontrol Stand <Subcontrol Stand ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	3832832--A	Subcontrol Stand ASSY CHINA	Index 2-14	1
2	74720417 6046772	Operating Box		1
3	74355801 P334100003	Pan Head Screw JIS	M3X6	10
4	74902092 6885256---	Panel US CHINA		1
5	74614083 6894775	Stand		1
6	74183608 P330220006	Hex Socket Cap Screw	M6X15	4
7	74902019 3832834---	Cable HS1 US		1
8	74902091 6885248--A	Cable CN1 US		1
9	74614078 6885249--A	Cable CN2 US		1
10	74902087 6882404 A	Cable CN3 US		1
11	74387221 P381017086	Saddle for Conduit DAIWA DENGYO	FCD-15	3
12	74314401 P330200015	Hex Socket Cap Screw	M4X10	6

Unit No. 504 Subcontrol Stand <Subcontrol Stand ASSY CHINA>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74614079 6885250---	Connector Bracket		1
14	74305015 P334100018	Pan Head Screw JIS	M4X10	2

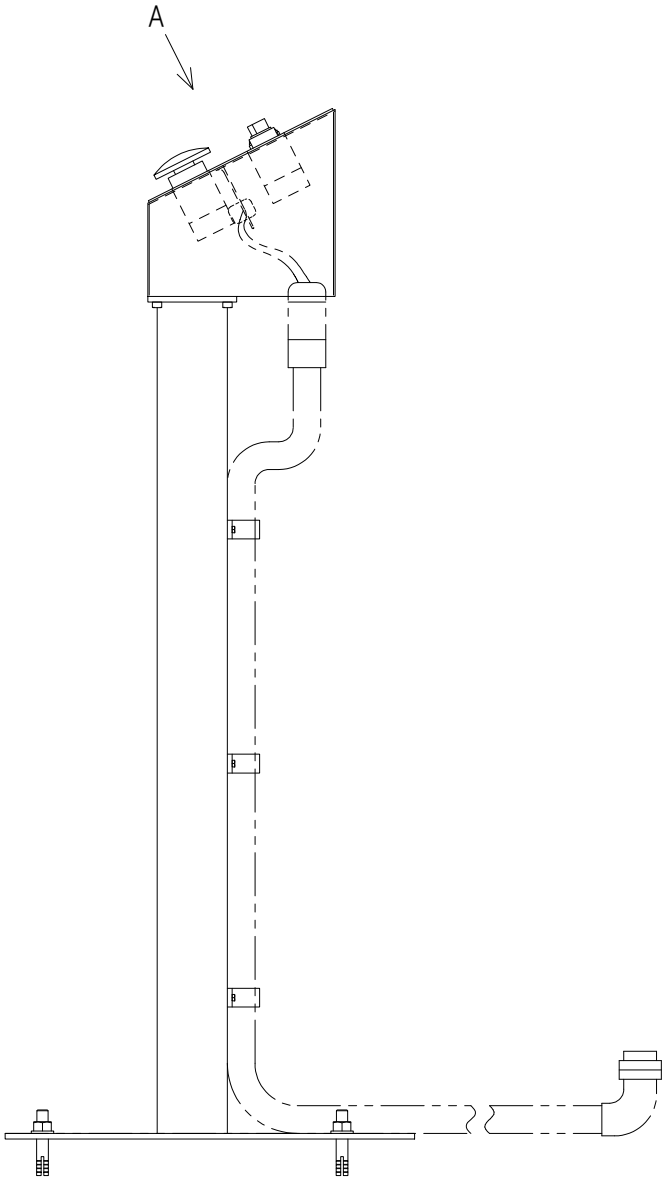


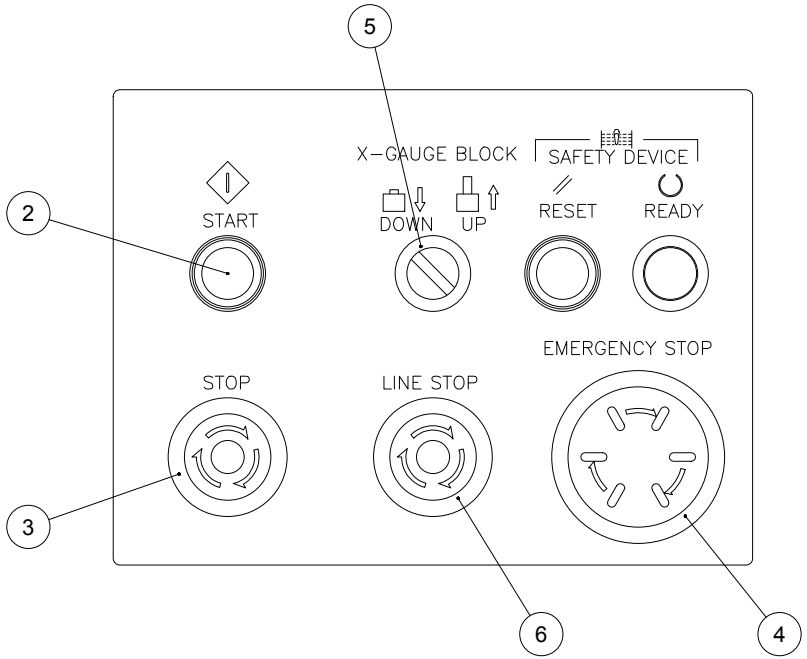
(1) Plug ASSY

6882396
(3832833--A)

Unit No. 505 Subcontrol Stand <Plug ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Plug ASSY		2
	6882396		Index 2	
2	74178601	Blind Plug	AHX004	1
	P229138004	FUJI Electric		





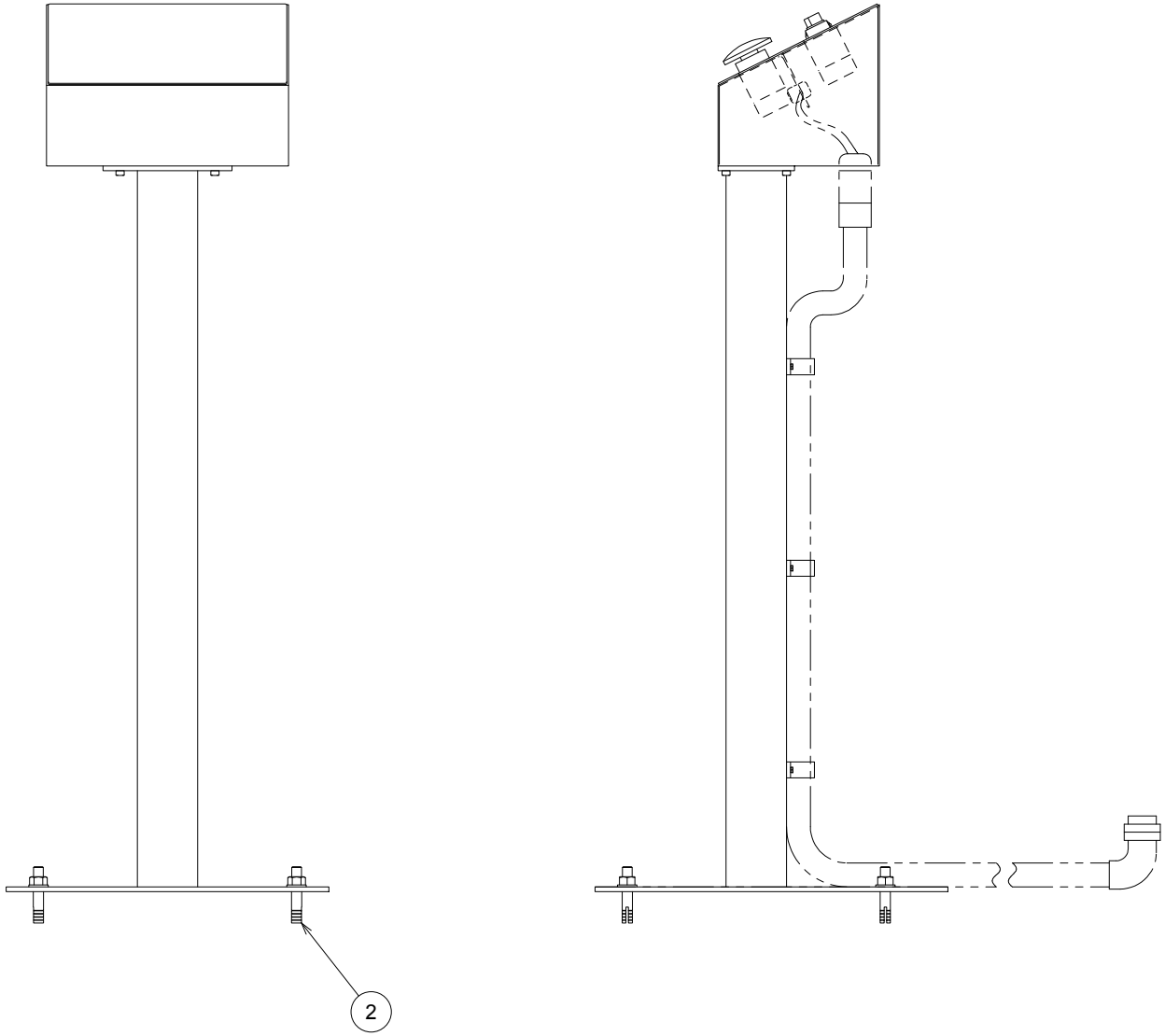
VIEW A

(1) Switch ASSY 4

6882419
(3832833--A)

Unit No. 506 Subcontrol Stand <Switch ASSY 4>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6882419	Switch ASSY 4	Index 2-6	1
2	74452941 / P822124047	Illuminated Pushbutton Switch / FUJI Electric	AR30G3L-10E3W-Z037	1
3	74568712 / P821124128	Push Button Switch / FUJI Electric	AR30V3R-01BZ235	1
4	74570048 / P821124129	Push Button Switch / FUJI Electric	AR30V1R-02R-Z037	1
5	74777232 / P820004083	Key Select Switch / FUJI Electric	AR30PR-210B-Z037	1
6	74568712 / P821124128	Push Button Switch / FUJI Electric	AR30V3R-01BZ235	1

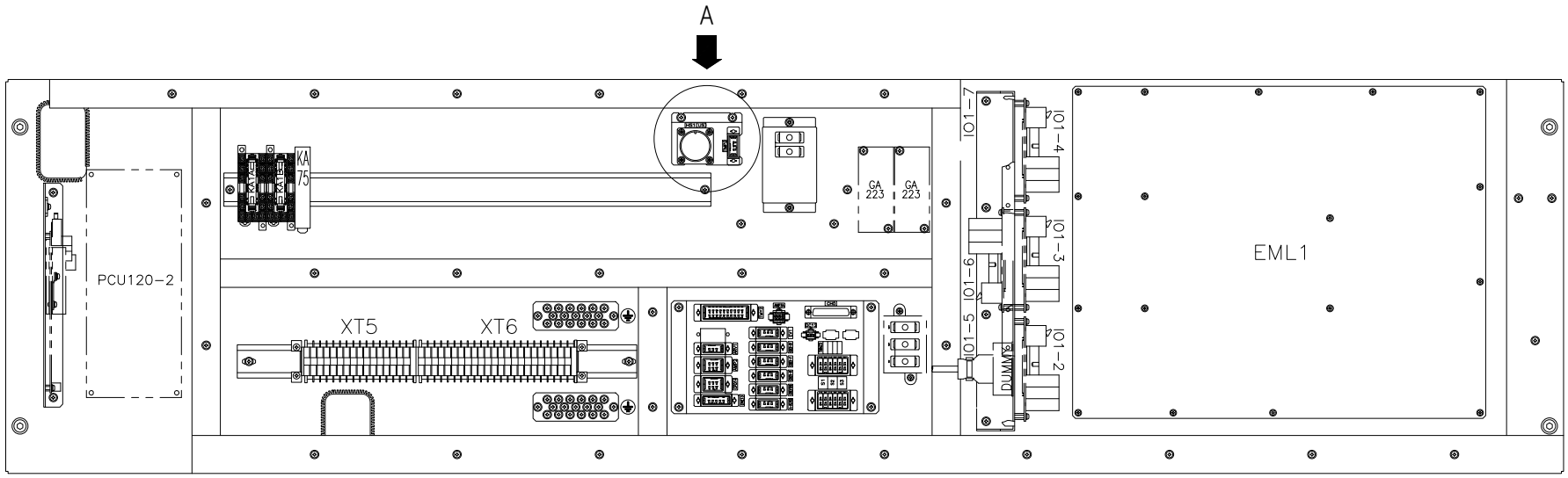


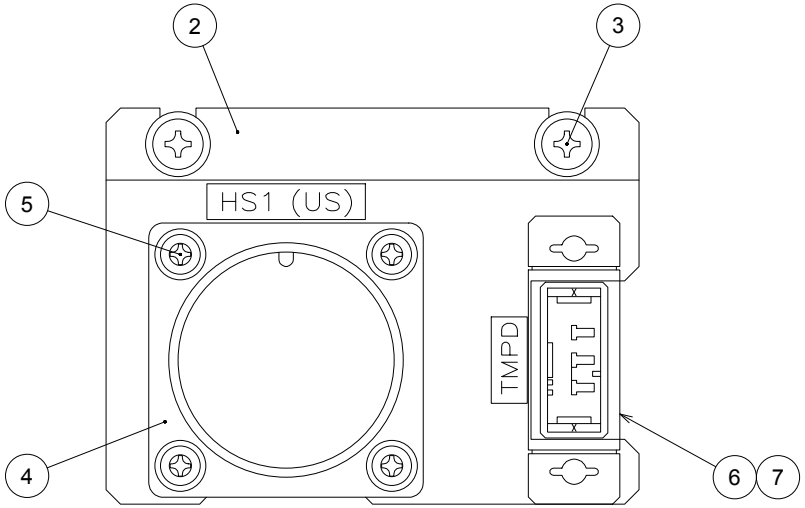
(1) Anchor ASSY

6527815
(3805422---)

Unit No. 507 Subcontrol Stand <Anchor ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Anchor ASSY		1
	6527815		Index 2	
2	79340568	Anchor	C-1270	2
	P338213009	SANKO Technology		





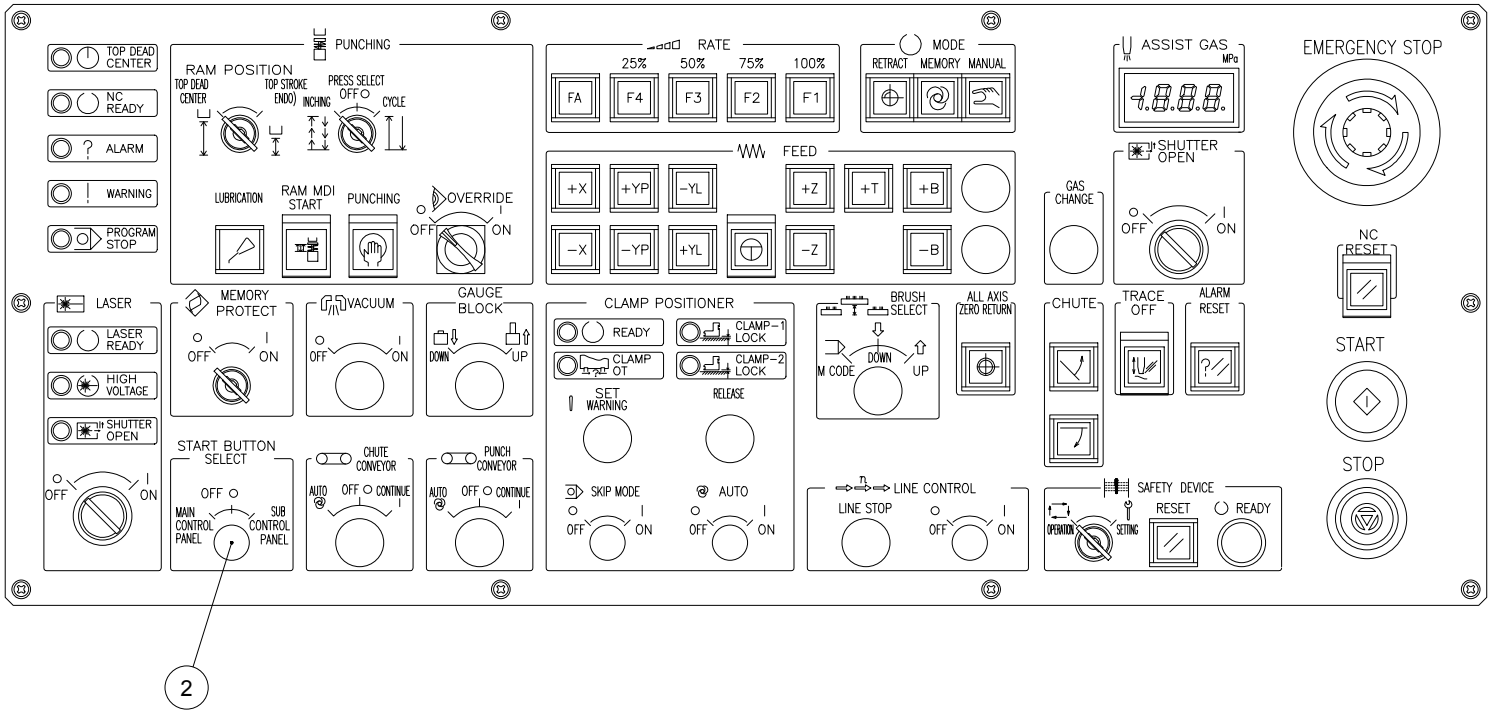
DETAIL A

(1) US Stand Control Parts

1565392--C

Unit No. 508 Subcontrol Stand <US Stand Control Parts>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	1565392--C	US Stand Control Parts	Index 2-9	1
2	74901766 1565390	Connector Panel US Stand		1
3	74452123 P334200302	Sems Pan Head Screw	M4X8(Trivalent Chromium White P-4)	2
4	74901768 156539103C	Cable HS0		1
5	74452498 P334200300	Sems Pan Head Screw	M3X8(Trivalent Chromium White P-4)	4
6	74776881 P339308001	Push Rivet SHINAGAWA	P3555	2
7	74453225 3830896 A	Cable PD-1		1
8	74901767 156539102	Connector TMPD	List Only	1
9	1565395	US Auxiliary Stand Control NC	List Only	1

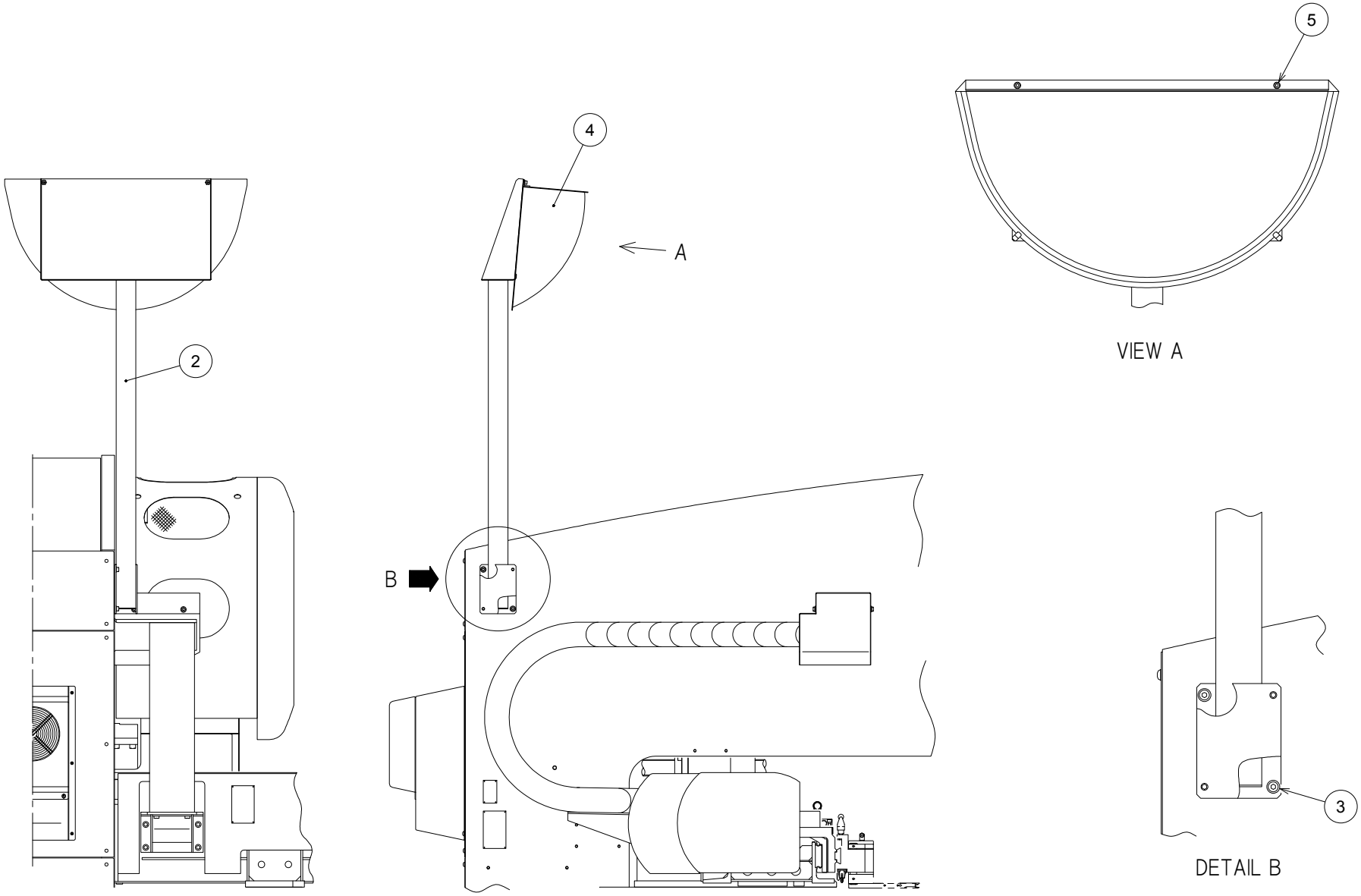


(1) Subcontrol Stand US NC

1565395

Unit No. 509 Subcontrol Stand <Subcontrol Stand US NC>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Subcontrol Stand US NC		1
	1565395		Index 2	
2	74810902	Key Switch	SK-13DAS1-L9F	1
	P826018006	NIKKAI		

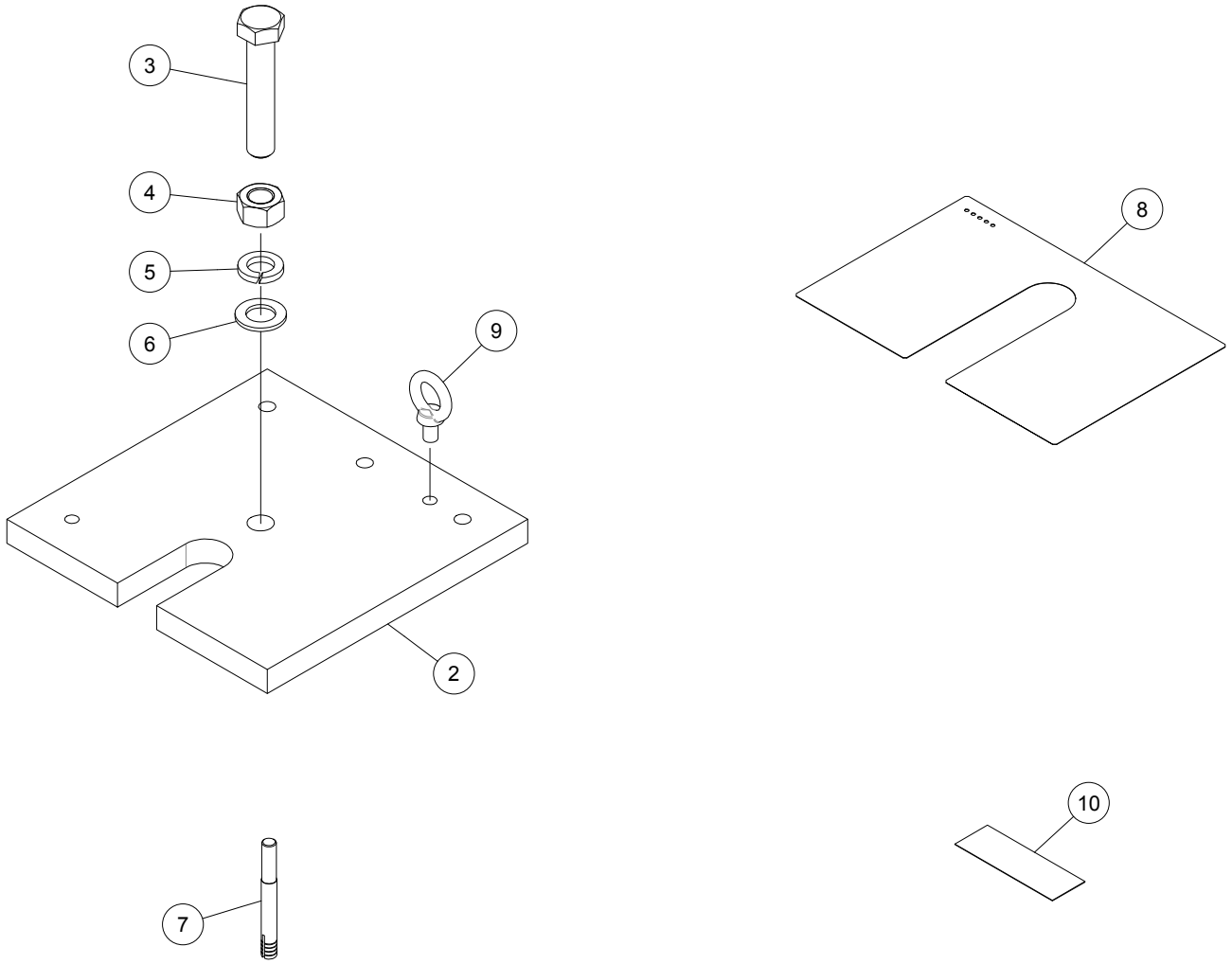


(1) Mirror Setting

6870201 A

Unit No. 510 Mirror

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		Mirror Setting		2
	6870201 A		Index 2-5	
2	74417170	Mirror Stand		1
	6824665 A			
3	74385450	Flange Socket Bolt	M8X20	4
	P330468001	NISSAN NEJI		
4	74415357	Curve Mirror	HD-70	1
	P379208002	KOMY		
5	74776770	Flange Socket Bolt	M6X15	2
	P330460003	NISSAN NEJI		

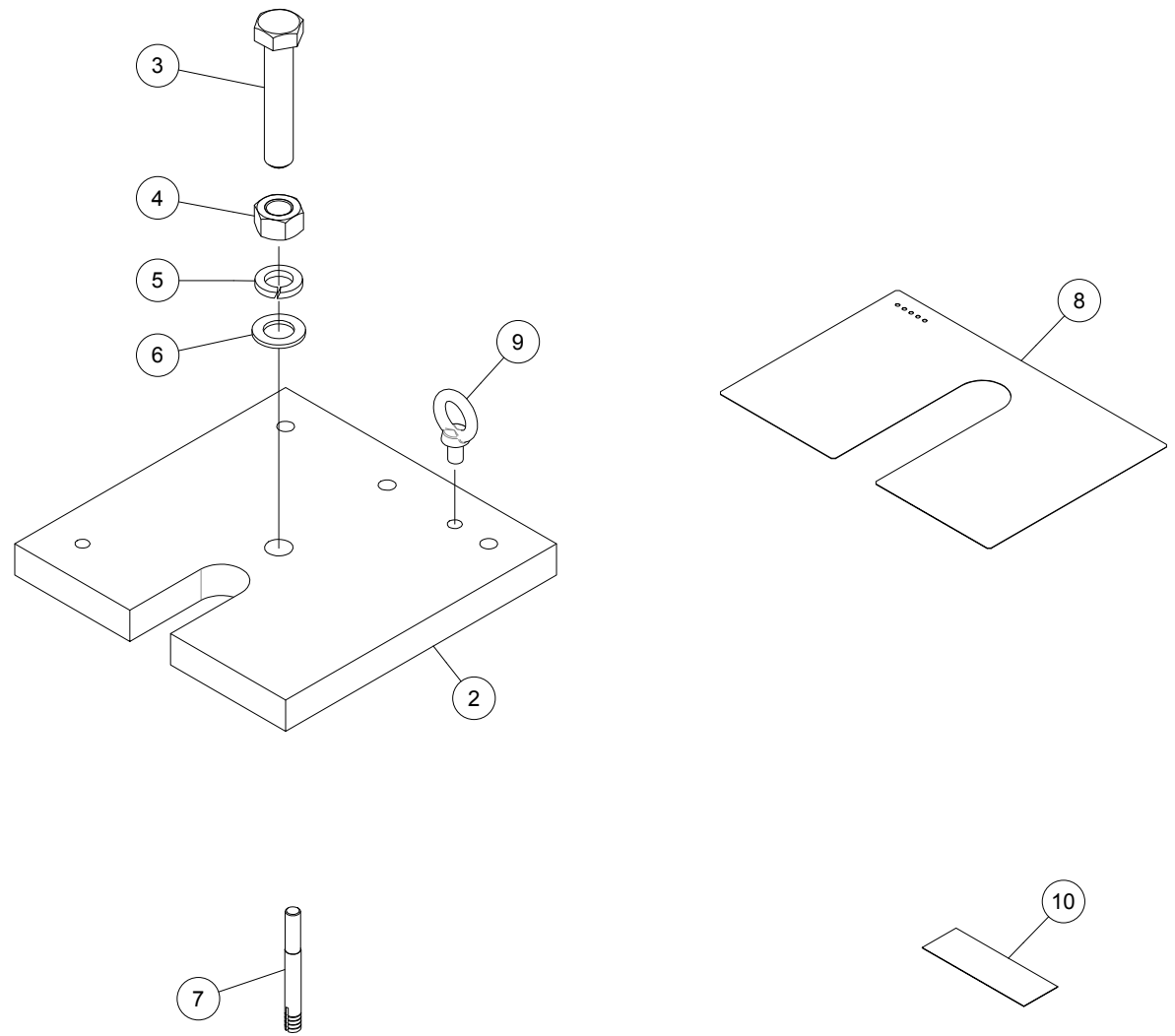


(1) Base Plate Kit

CE02645---
(CE02821---)

Unit No. 511 Pass Line AY-1050 <Base Plate Kit>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE02645---	Base Plate Kit	 Index 2-10	1
2	74400885 6874479--A	Base Plate T32		4
3	74570081 P330090023	Bolt	M30X160(All-thread)	4
4	74300508 P332000012	Nut JIS	M30	4
5	74382052 P336050015	Spring Washer JIS	30	4
6	74713272 P336000016	Washer JIS	30(Normal)	4
7	74564192 P338213003	Anchor SANKO Technology	C-1615	12
8	74902014 3832579--A	Shim		1
9	74571582 P338000003	Eyebolt JIS	M16	2
10	74902427 MA02968---	Shim (Liner)		1

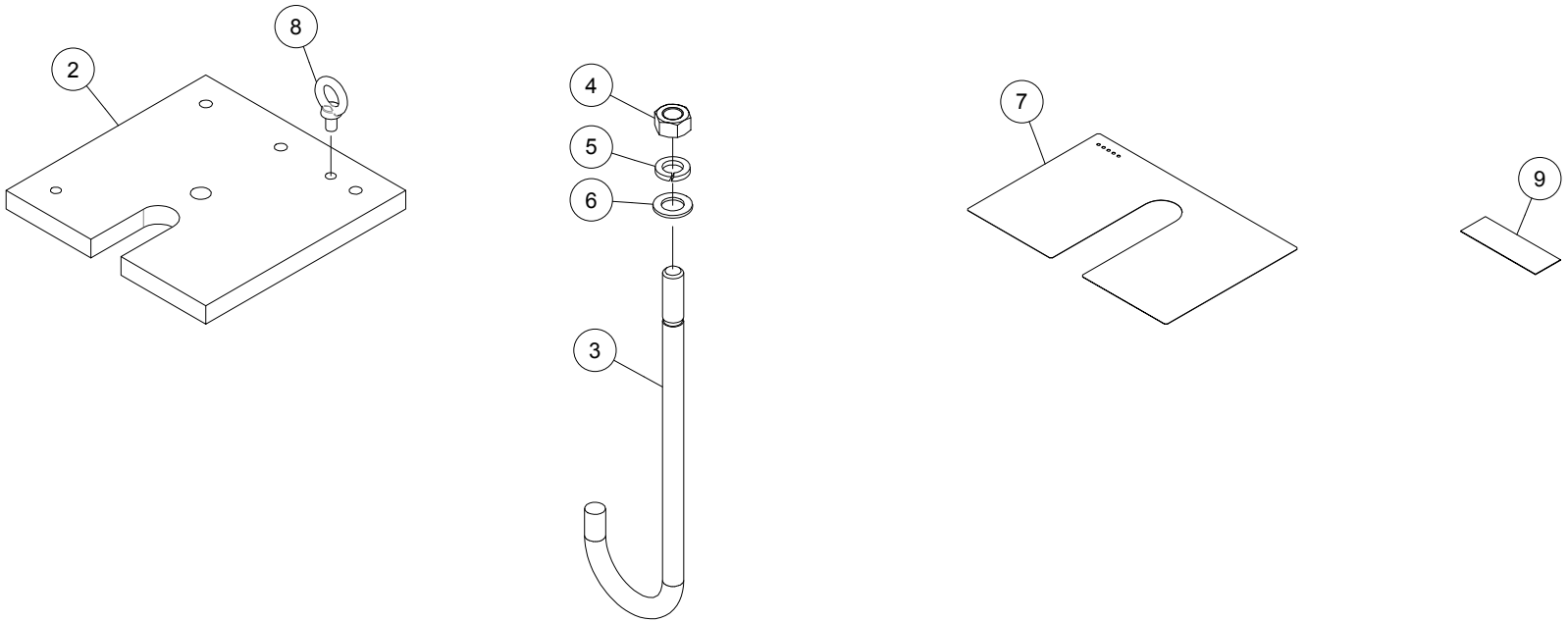


(1) Pass Line AY-1010

CE02646---
(CE02850---)

Unit No. 512 Pass Line AY-1060 <Pass Line AY-1010>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02646---	Pass Line AY-1010	Index 2-10	1
2	74902085 6874485--A	Base Plate T40		4
3	74570081 P330090023	Bolt	M30X160(All-thread)	4
4	74300508 P332000012	Nut JIS	M30	4
5	74382052 P336050015	Spring Washer JIS	30	4
6	74713272 P336000016	Washer JIS	30(Normal)	4
7	74564192 P338213003	Anchor SANKO Technology	C-1615	12
8	74902014 3832579--A	Shim		1
9	74571582 P338000003	Eyebolt JIS	M16	2
10	74902427 MA02968---	Shim (Liner)		1

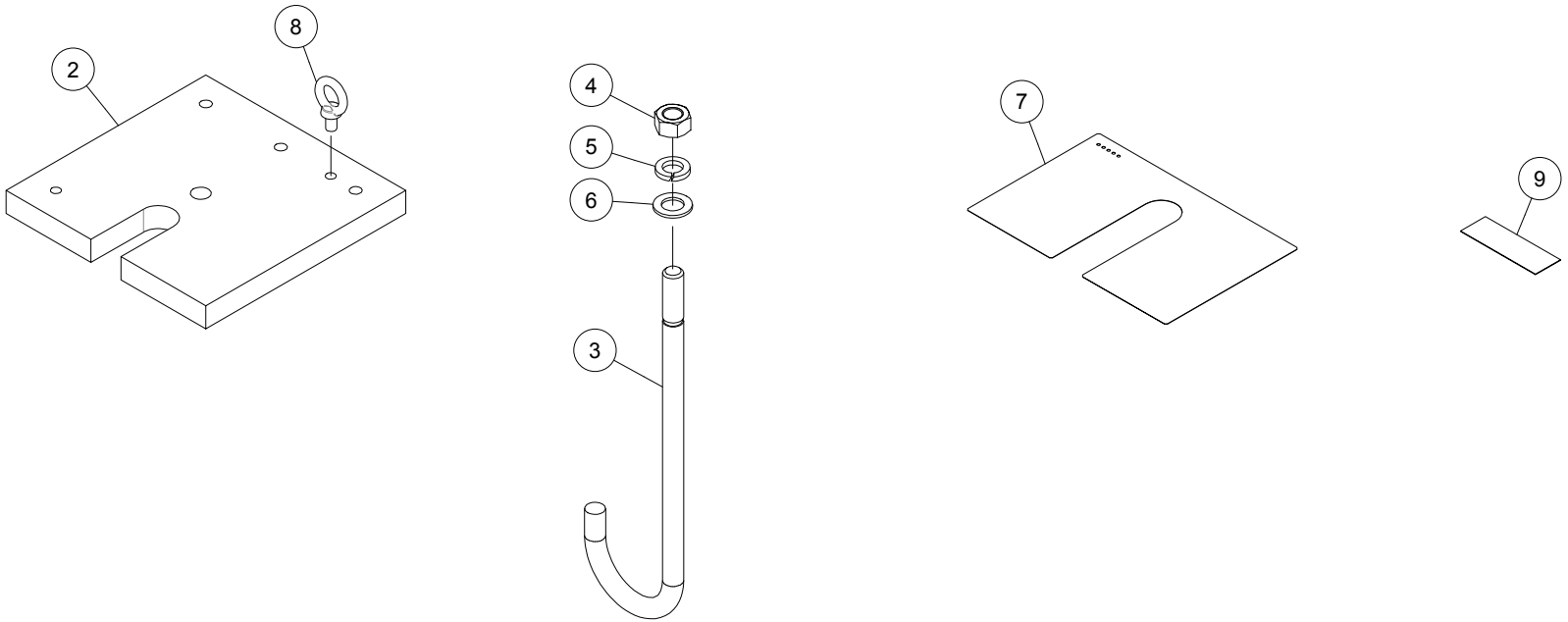


(1) Pass Line J Anchor Bolt 1000/1005

CE02863---

Unit No. 513 Pass Line(J-anchor)1050 <Pass Line J Anchor Bolt 1000/1005>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	CE02863---	Pass Line J Anchor Bolt 1000/1005	Index 2-9	1
2	74400885 6874479--A	Base Plate T32		4
3	74713273 P338010011	Foundation Bolt JIS	J-M30X630	4
4	74300508 P332000012	Nut JIS	M30	4
5	74382052 P336050015	Spring Washer JIS	30	4
6	74713272 P336000016	Washer JIS	30(Normal)	4
7	74902014 3832579--A	Shim		1
8	74571582 P338000003	Eyebolt JIS	M16	2
9	74902427 MA02968---	Shim (Liner)		1



(1) Pass Line J Anchor Bolt 1010

CE02864---

Unit No. 514 Pass Line(J-anchor)1060 <Pass Line J Anchor Bolt 1010>

Index	Parts No. Drawing No.	Parts Name Maker	Type Note	Qty
1	 CE02864---	Pass Line J Anchor Bolt 1010	 Index 2-9	1
2	74902085 6874485--A	Base Plate T40		4
3	74713273 P338010011	Foundation Bolt JIS	J-M30X630	4
4	74300508 P332000012	Nut JIS	M30	4
5	74382052 P336050015	Spring Washer JIS	30	4
6	74713272 P336000016	Washer JIS	30(Normal)	4
7	74902014 3832579--A	Shim		1
8	74571582 P338000003	Eyebolt JIS	M16	2
9	74902427 MA02968---	Shim (Liner)		1

< List Only >

7856161---

Unit No. 515 ADIS

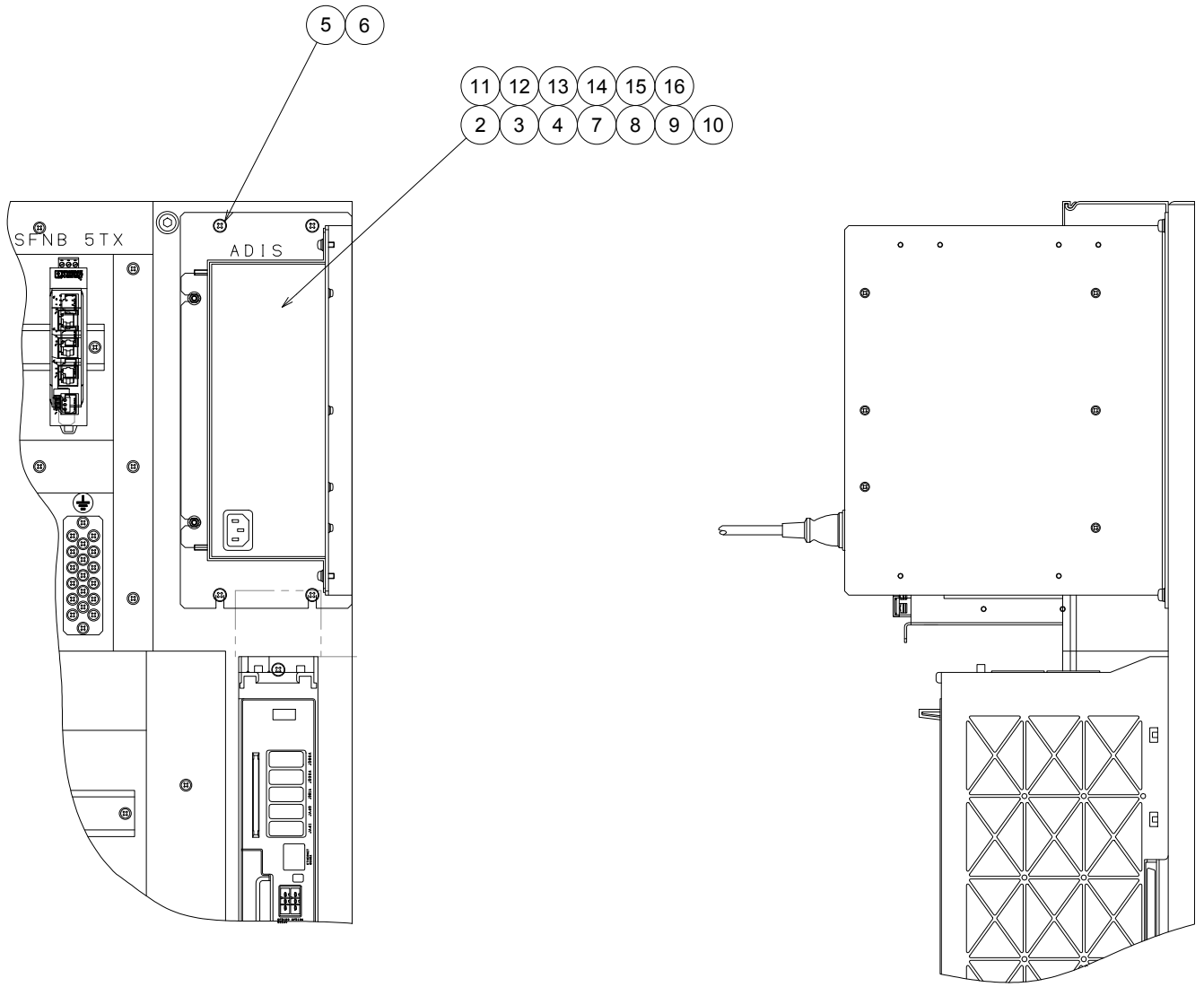
Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	74902160	ADIS Unit	WADE-2221A-8066/AM/ML	1
	7856161---	Portwell Japan	Index 23	
2	74742021	CPU Board	WADE-2221A-8066/AM JPN	1
	SPT0461---			
3	74777359	CPU Board English	WADE-2221A-8066/AM ENG	1
	SPT0462---			

< List Only >

6791729---

Unit No. 516 ADIS <Control Device (ADIS)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791729---	Control Device (ADIS)	Index 2-4	1
2	6791779---	ADIS ASSY		1
3	74614035 / 7856151---	AMNC Security Option / UNIDUX	AMNC_SECURITY_OPTION	1
4	6791740---	F Supplies (ADIS)		1



(1) ADIS ASSY

6791779---

Unit No. 517 ADIS <ADIS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1	6791779---	ADIS ASSY	Index 2-16	1
2	74418793 P342658001	Network Cable MISUMI	NWNMC5E-STN-SSMB-YL-1	1
3	74776885 P342658026	Network Cable MISUMI	NWSMC5E-STN-CUB-GN-2	1
4	74776895 P362018042	Software Symantec	PCANYWHERE12.1HOST&REMOTE	2
5	74901843 1566347--A	PC Bracket		1
6	74452072 P334200338	Sems Pan Head Screw	M5X10(Trivalent Chromium White P-3)	4
7	74902148 7855157--B	ADIS Unit Portwell Japan	WADE-2221A-8066/AM	1
8	74775953 156601143B	Power Cable ADIS		1
9	74452023 P334200298	Sems Pan Head Screw	M3X6(Trivalent Chromium White P-4)	6
10	74901844 1566348---	PC Holder		1
11	74452489 P334200304	Sems Pan Head Screw	M4X10(Trivalent Chromium White P-4)	4
12	74900801 P332040014	Hex Nut with Flange	M4(Trivalent Chromium White)	2

Unit No. 517 ADIS <ADIS ASSY>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
13	74775974 1566173	Neo-Sponge 3X10X140	3TX10HX140W	4
14	74776913 P381058088	Cable Band MISUMI	MB2	2
15	74452258 P334110123	Flat Head Screw	M4X8(Trivalent Chromium White)	2
16	74903240 P362018099	Software OMRON	CXONE-AL01C-V4	1

<List Only>

6791740---

Unit No. 518 ADIS <F Supplies (ADIS)>

Index	Parts No. / Drawing No.	Parts Name / Maker	Type / Note	Qty
1		F Supplies (ADIS)		1
	6791740---		Index 2-4	
2	74776893	Software	A08B-9210-J505	1
	P362018040	FANUC		
3	74903358	Fast Ethernet	A02B-0323-J147	1
	P767478102	FANUC		
4	74903213	Ethernet Function	A02B-0327-S707	1
	P362018071	FANUC		