

JUL. 1995

CNC TURRET PUNCH PRESS
VIPROS-358KING
(AMADAN-04P-C+PHNC)

PARTS LIST



VP358KING

VER. 1

GENERAL INFORMATION

- * This parts list shows all of the parts used in your VIPROS-358 KING 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. Each section corresponds to one of the 97 different units making up the machine.

Unit No.

01~11	Frame	51,52	Standard Accessory
12	Drive	53	Support Cylinder
13~16	Turret	54,55	Hydraulic Clamp
17	Slide	56~70	2Ai
18	Y-axis	71~81	4Ai
19~26	Table	82	Auxiliary Control Stand
27	Clamp	83	Safety Mat
28	Repositioning	84	Pass Line
29~37	Piping	85,86	Light Sensor
38	Lubrication	87~89	MP
39~50	Electric	90~97	Clamp Positioner

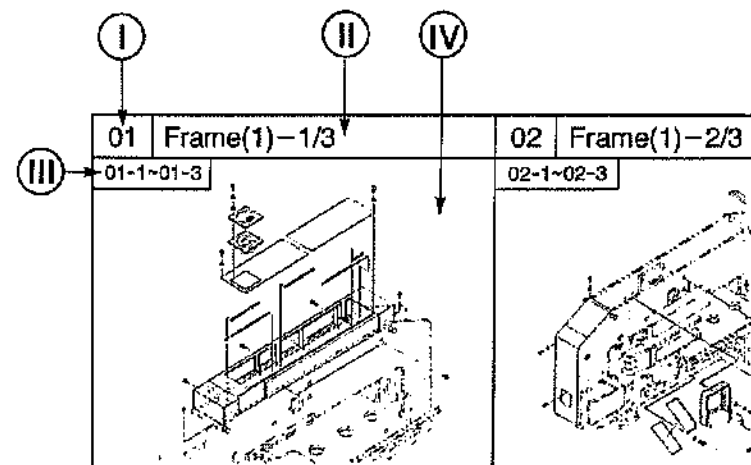
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INTRODUCTION

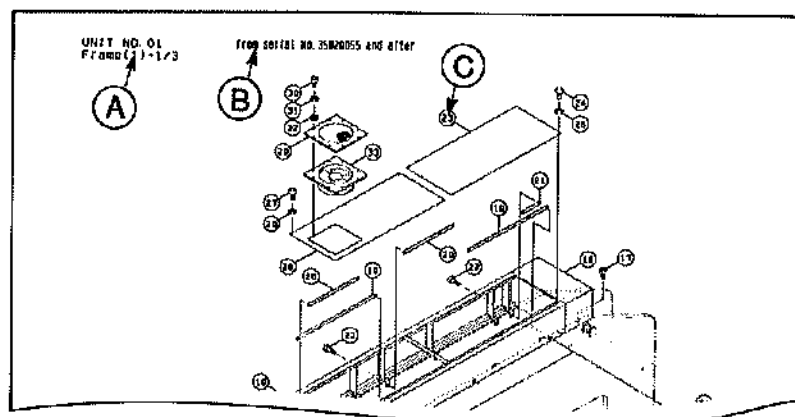
1. TABLE OF CONTENTS



- ① Unit No.
- ② Unit Name
- ③ Corresponding Page Nos.
- ④ Assembly drawings shown in the main text.

- * The scale used on each page of drawings is different.
Please be aware that parts may seem to be different sizes on different pages.
- * Specifications subject to change without notice.

2. Main Text



Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Qty	Parts Number	Notes
16	74378006	Side Roof Cover	8878872		2		
17	74328815	Hex Soc Cap Screw	P030220008	160020	5		
18	74378002	Center Roof Cover	6673131 D		1		
19	74370003	Plate Hst(80)	6673133		2		
20	74370004	Plate Hst(50)	6673134		2		
21	74378005	Plate Hst(10)	6673135		1		
22	74314410	Hex Soc Cap Screw	P30020011	160043	14		
23	74365113	Roof Cover Dep	6677734		1		

(A) Unit No. and Name

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

(B) Machine Serial No.

The Serial Nos. of machines corresponding to the information shown.

(C) Index No.

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

(D) Parts No.

The individual Code No. for each part on the VIPROS-358KING is shown.
Nos. in parentheses represent interchangeable with other machines.

(E) Parts Name

The name (description) of each part.

(F) Drawing No.

The numbers of drawings relevant to the part are given.

(G) Type (Maker)

The type description and manufacturer of each marketed item are shown.

(H) Quantity

The quantity of each part used on the Japanese domestic and export models is shown.

(I) Parts No.

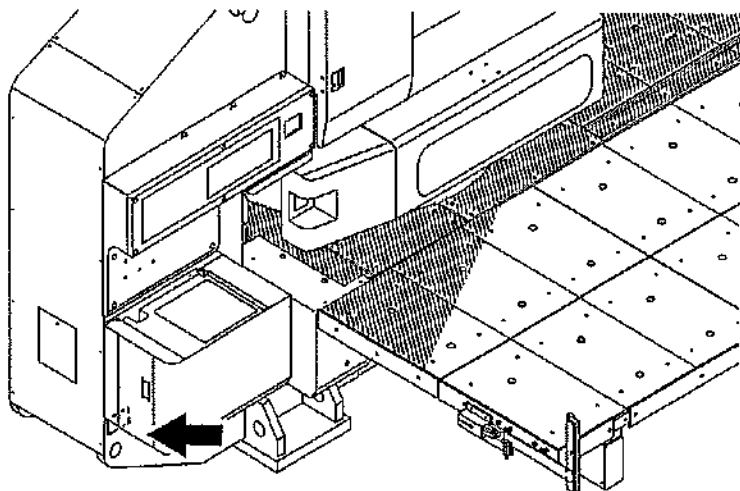
Numbers not in parentheses in Column D are used for the bar code. Use of a bar code scanner assists in more accurate and faster reading of relevant parts numbers.

(J) Notes

Cautions and notes necessary to the ordering of each part.

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 drawings in the Table of Contents to find the pages on which the part in question is shown in greater detail.

CONTENTS(1)			
01 Frame(1)-1/3 01-1~01-3	02 Frame(1)-2/3 02-1~02-3	03 Frame(1)-3/3 03-1~03-3	04 Frame(2)- 04-1~04-2

This unit is shown on
 pages 03-1~03-3

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

4. When ordering, please supply the following information:

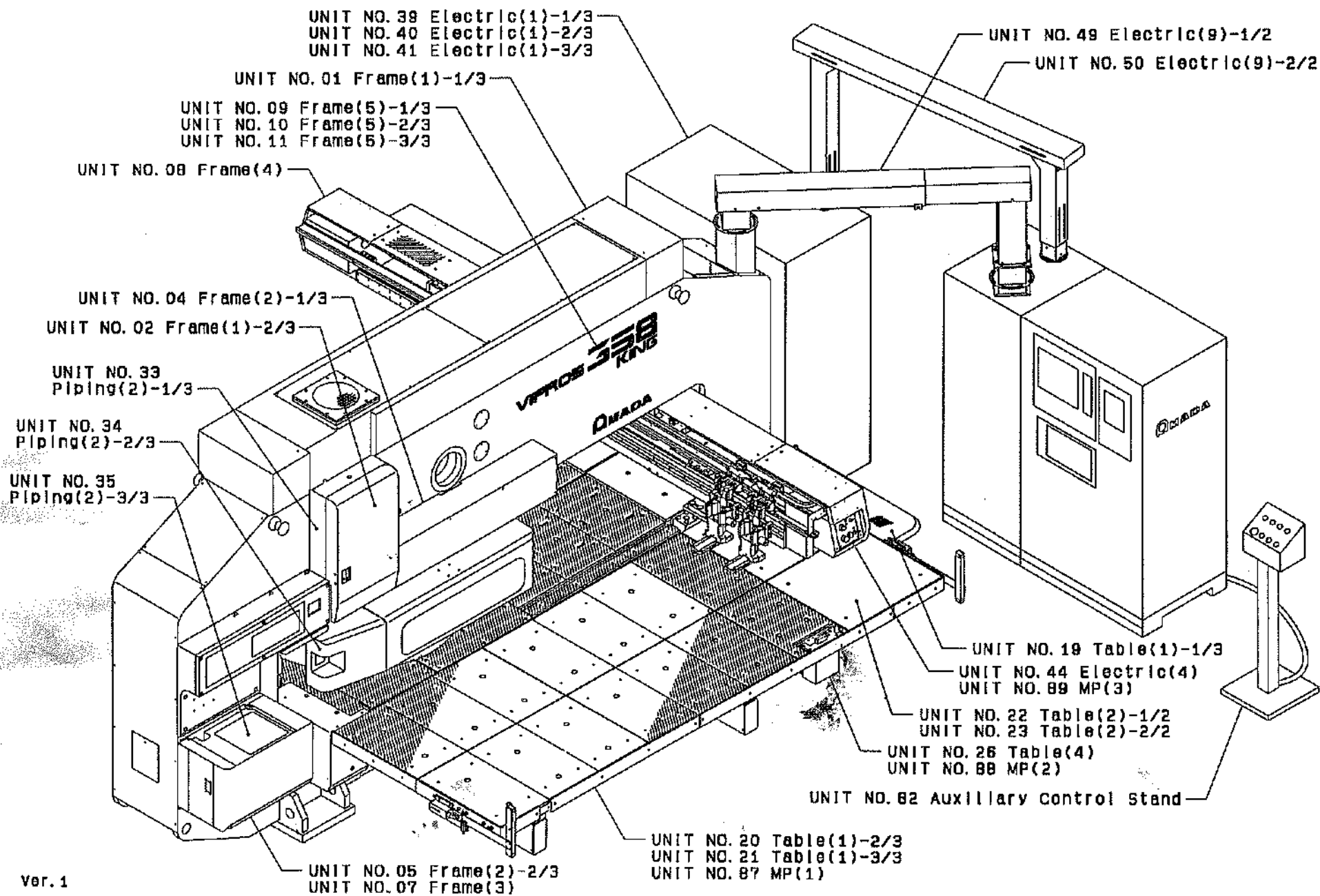
- (1) Machine Model
- (2) Serial No.
- (3) Parts No.

* These are the numbers shown outside the parentheses in Column D.

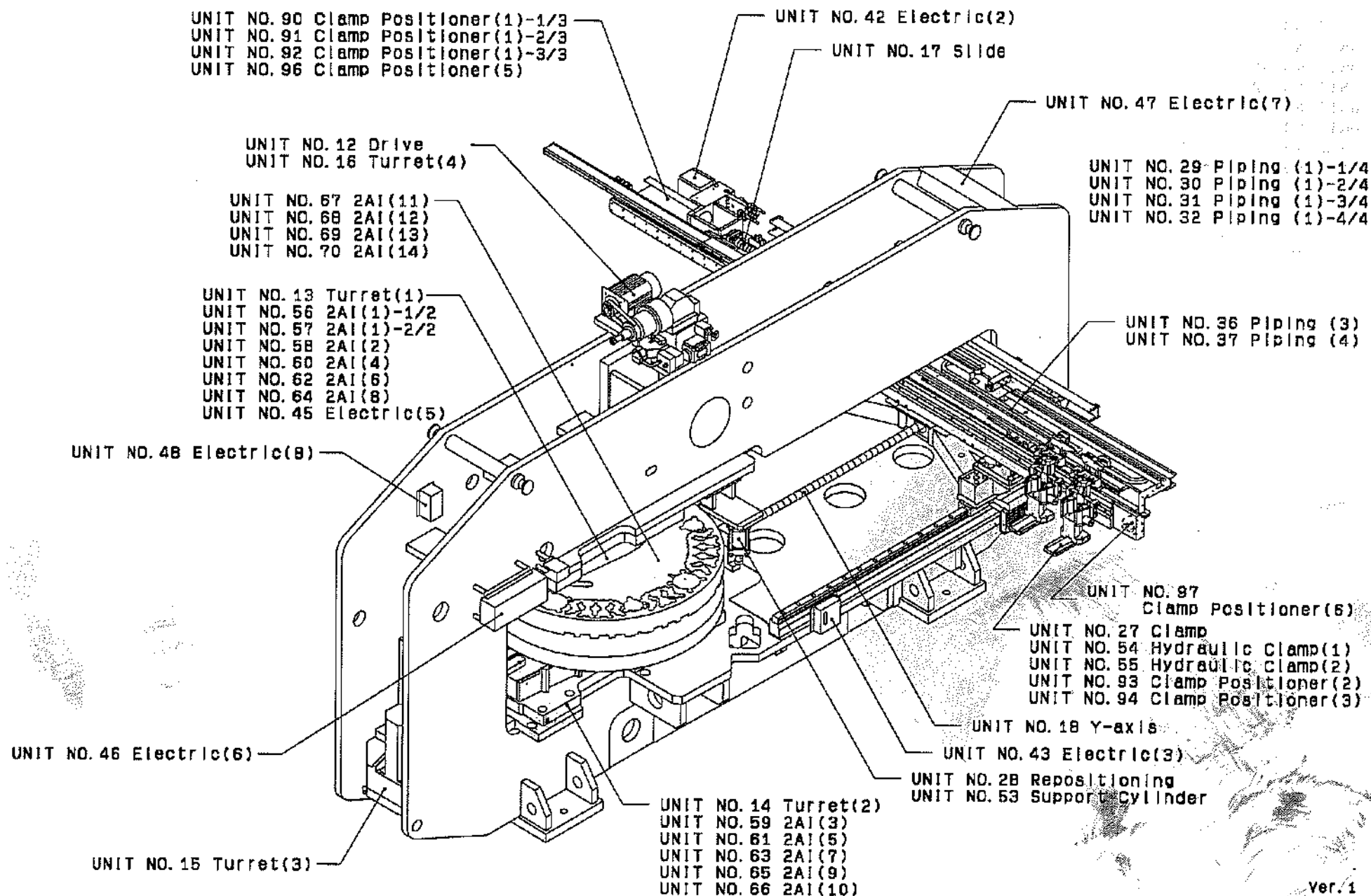
- (4) Quantity

* If the POS system is in use, operate the bar code scanner over Column I in the main text.

MACHINE COMPONENT(1)

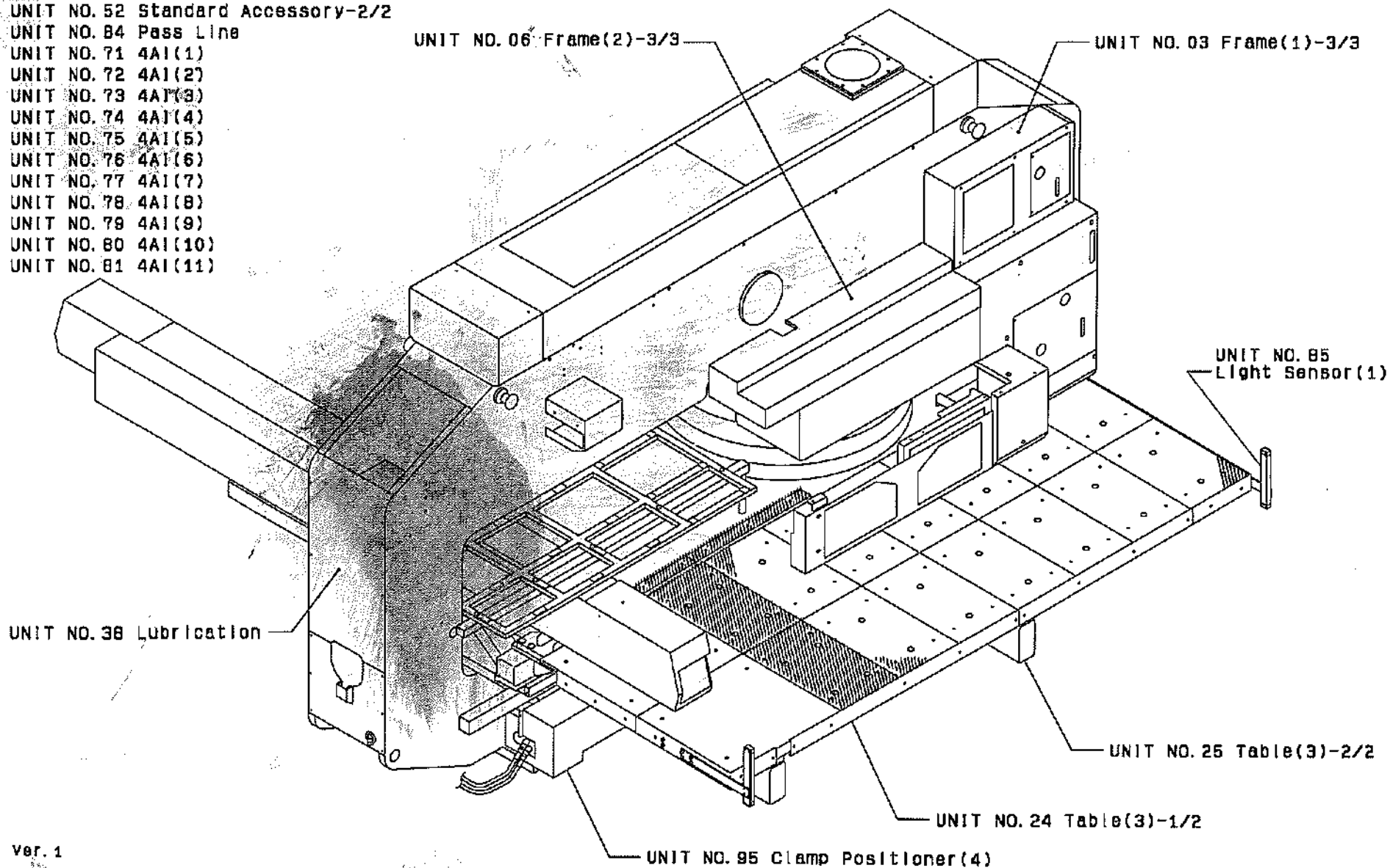


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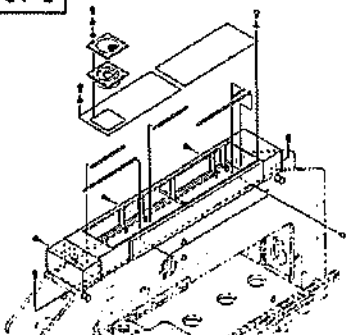
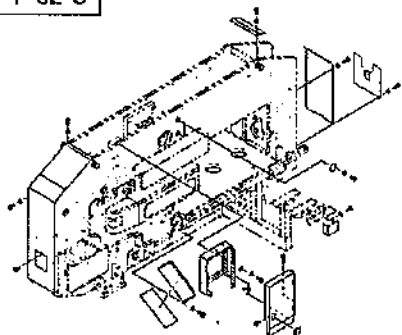
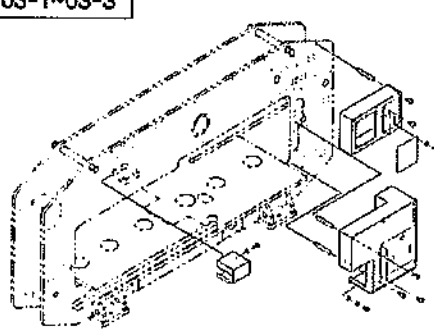
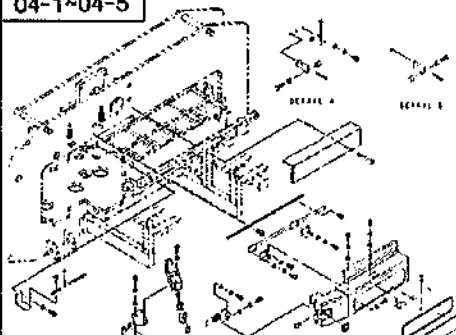
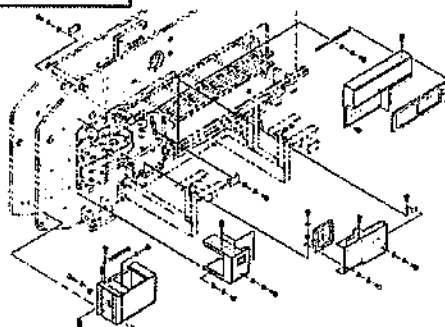
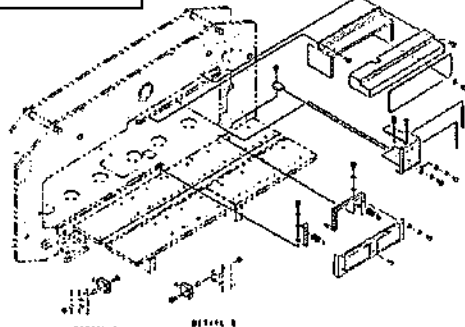
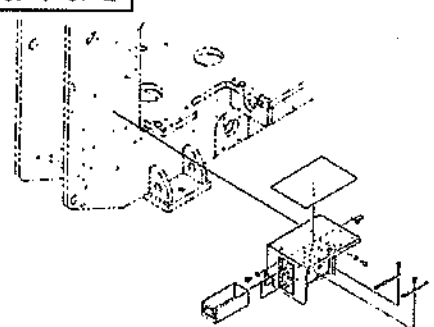
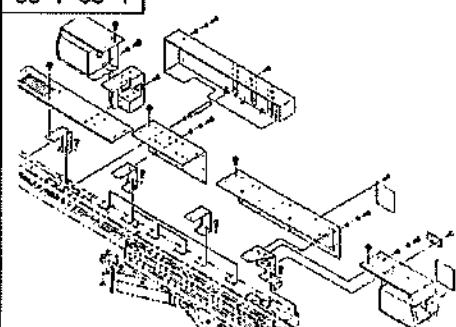
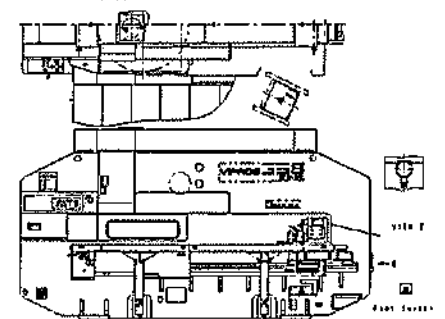
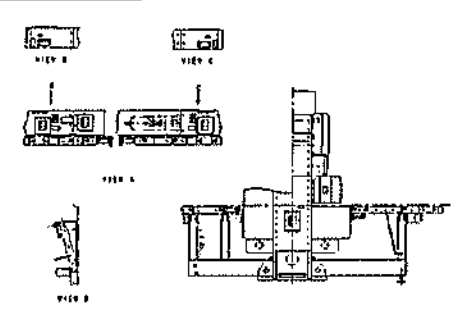
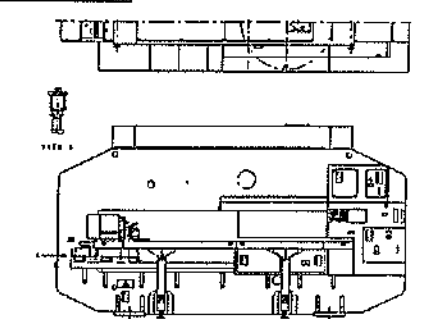
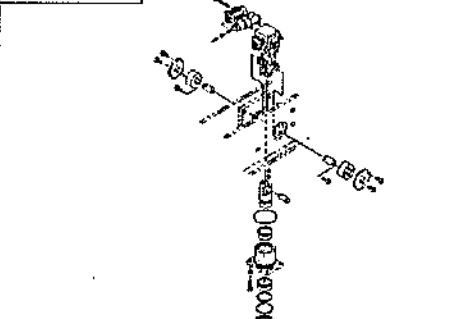


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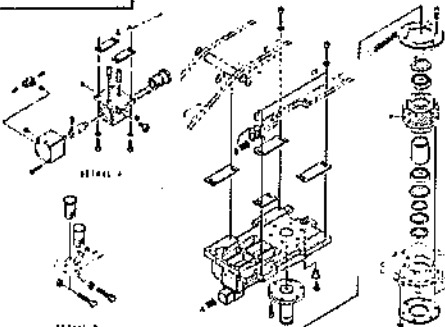
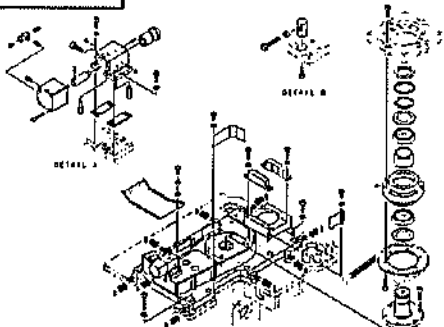
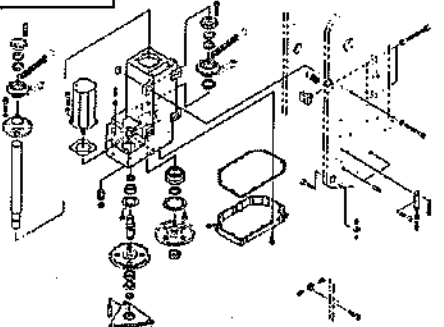
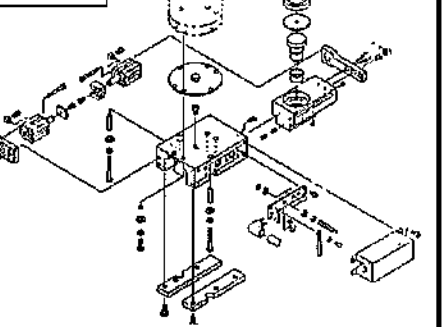
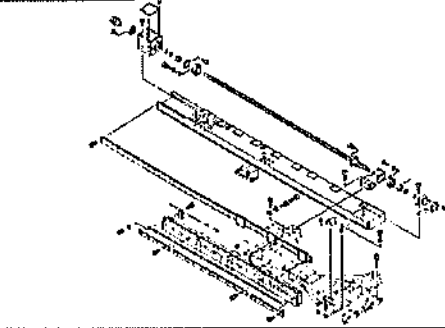
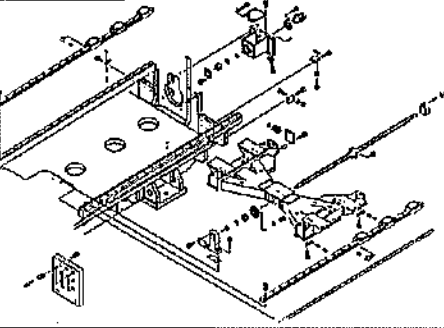
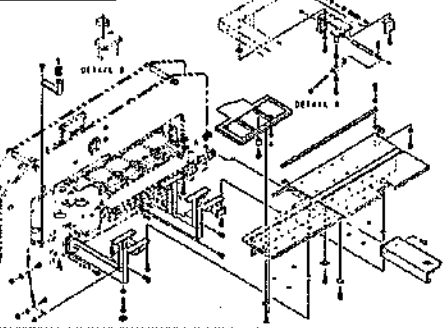
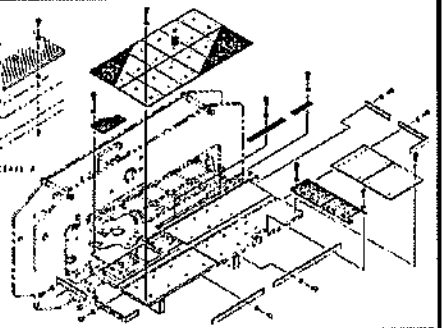
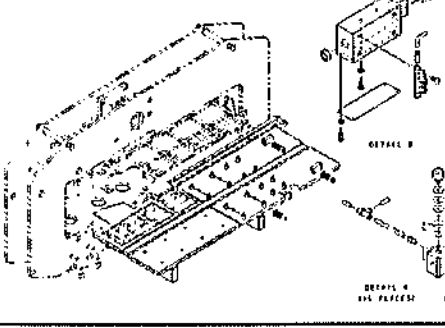
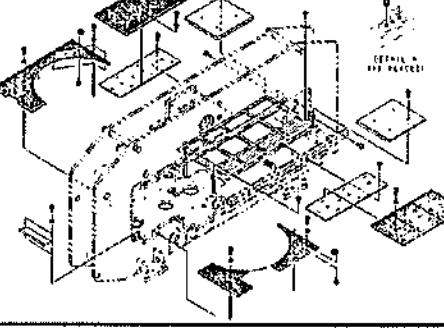
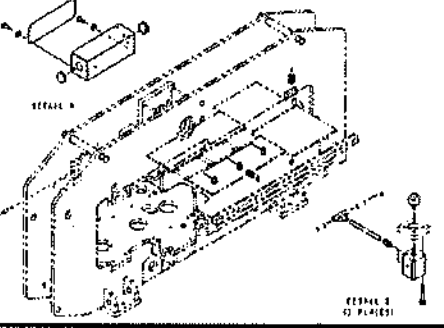
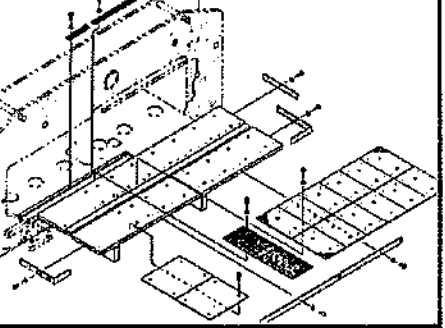
UNIT NO. 83 Safety Mat
 UNIT NO. 86 Light Sensor(2)
 UNIT NO. 51 Standard Accessory-1/2
 UNIT NO. 52 Standard Accessory-2/2
 UNIT NO. 84 Pass Line
 UNIT NO. 71 4A1(1)
 UNIT NO. 72 4A1(2)
 UNIT NO. 73 4A1(3)
 UNIT NO. 74 4A1(4)
 UNIT NO. 75 4A1(5)
 UNIT NO. 76 4A1(6)
 UNIT NO. 77 4A1(7)
 UNIT NO. 78 4A1(8)
 UNIT NO. 79 4A1(9)
 UNIT NO. 80 4A1(10)
 UNIT NO. 81 4A1(11)



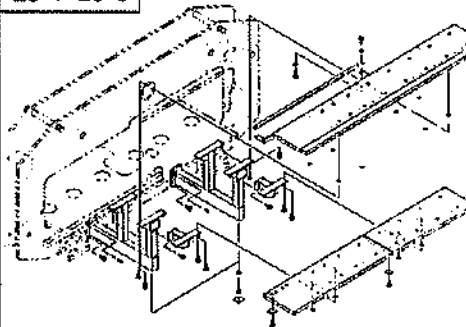
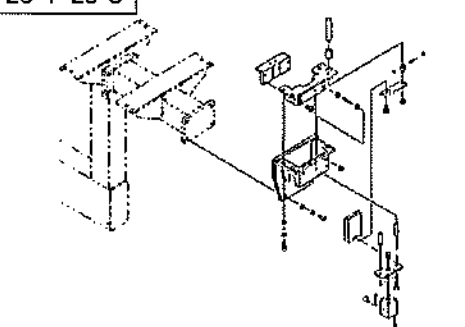
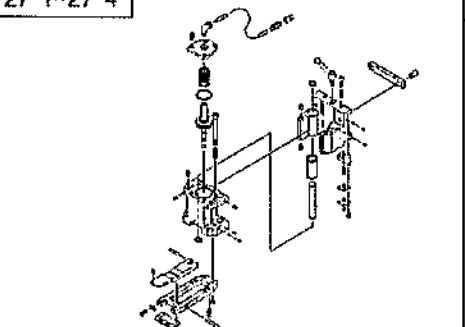
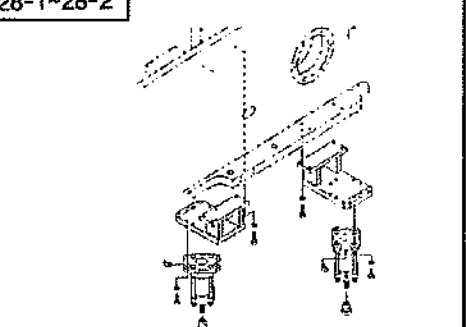
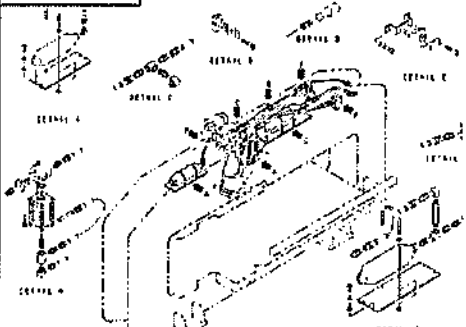
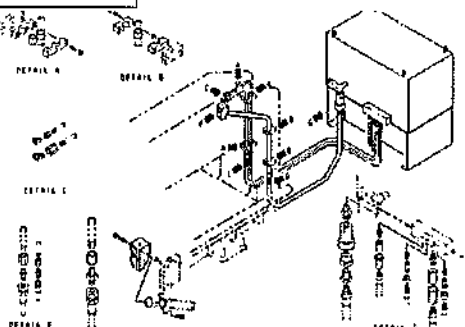
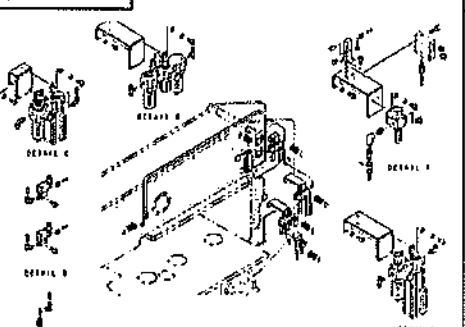
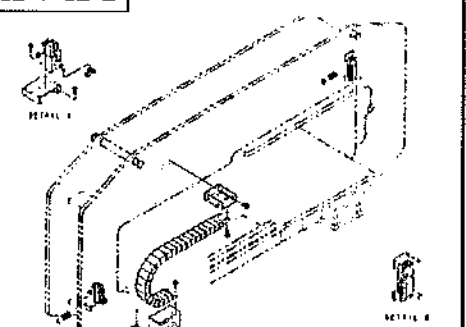
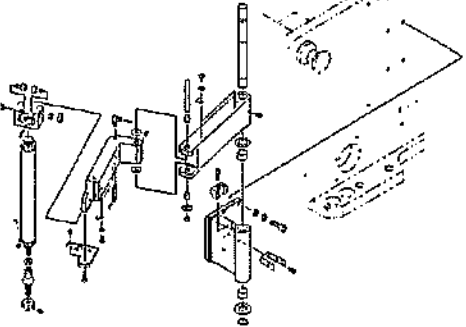
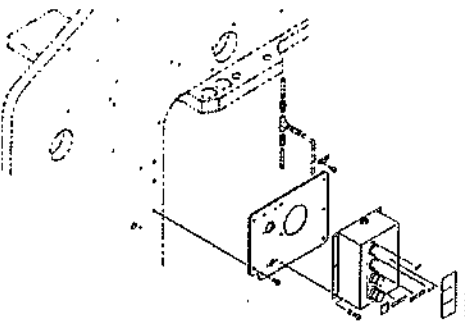
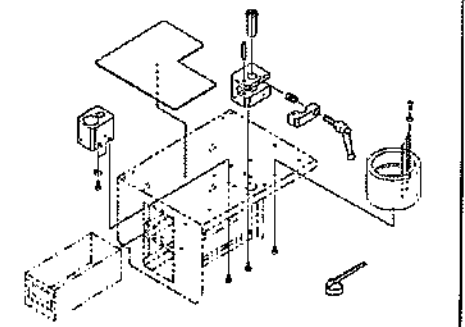
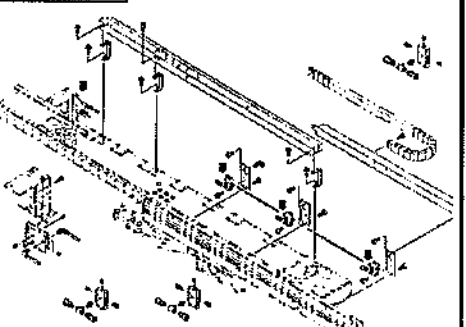
CONTENTS(1)

01	Frame(1) – 1/3	02	Frame(1) – 2/3	03	Frame(1) – 3/3	04	Frame(2) – 1/3
01-1~01-3		02-1~02-3		03-1~03-3		04-1~04-5	
05	Frame(2) – 2/3	06	Frame(2) – 3/3	07	Frame(3)	08	Frame(4)
05-1~05-4		06-1~06-3		07-1~07-2		08-1~08-4	
09	Frame(5) – 1/3	10	Frame(5) – 2/3	11	Frame(5) – 3/3	12	Drive
09-1~09-3		10-1~10-2		11-1~11-2		12-1~12-3	

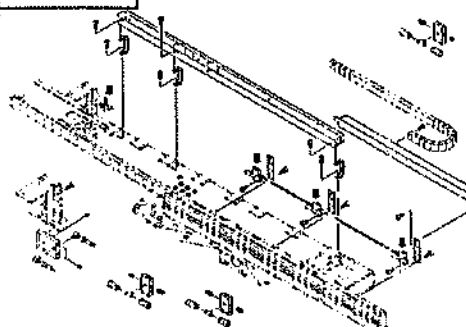
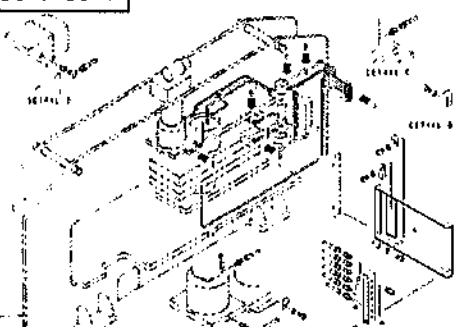
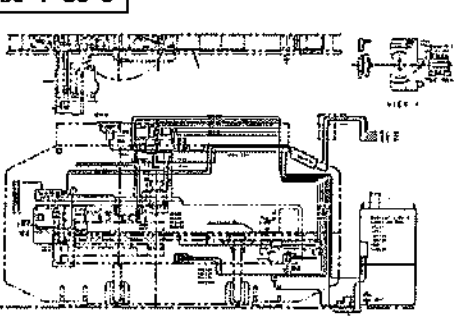
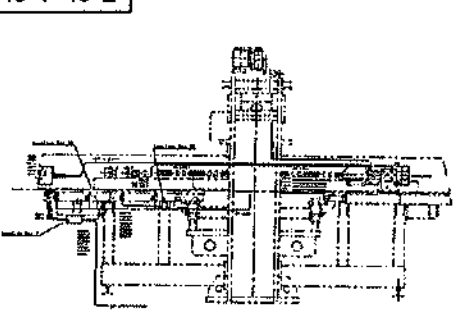
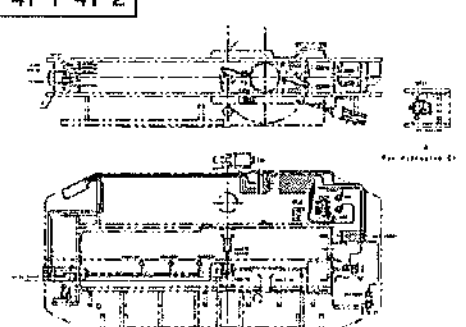
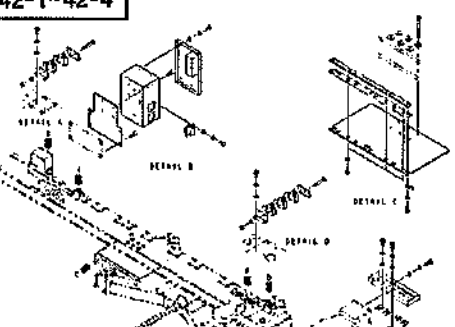
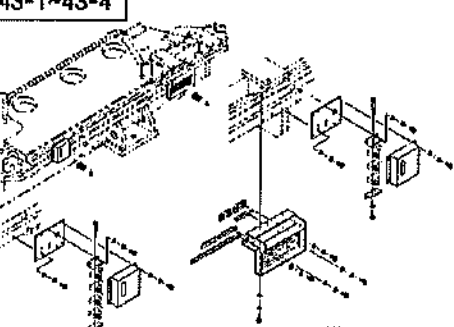
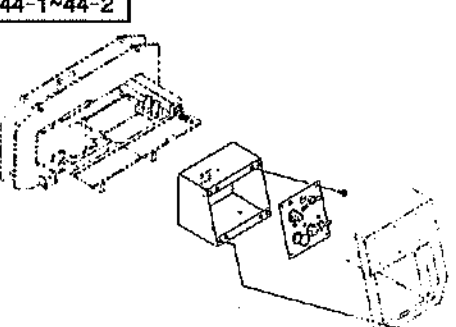
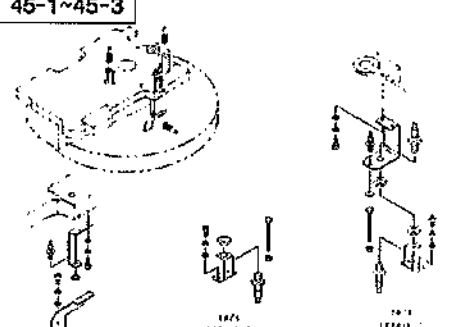
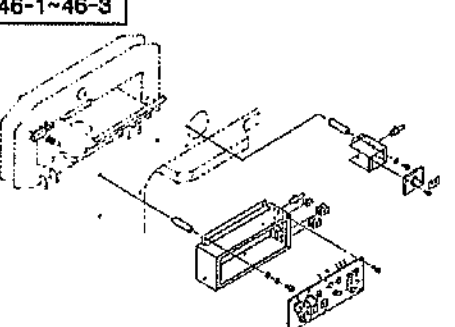
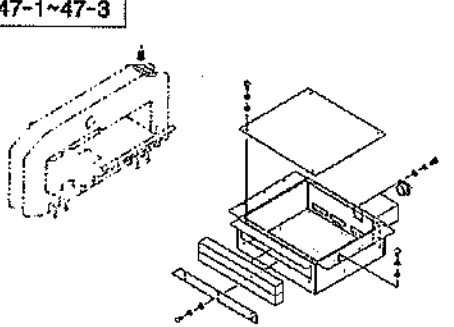
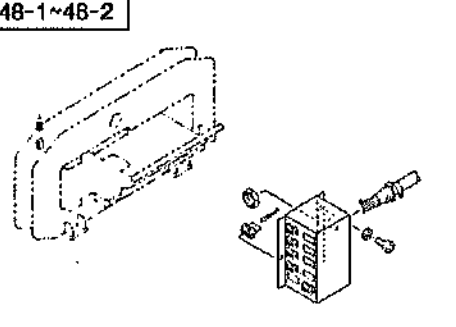
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13 Turret(1) 13-1~13-4 	14 Turret(2) 14-1~14-4 	15 Turret(3) 15-1~15-5 	16 Turret(4) 16-1~16-4 
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21 Table(1)-3/3 21-1~21-3 	22 Table(2)-1/2 22-1~22-3 	23 Table(2)-2/2 23-1~23-2 	24 Table(3)-1/2 24-1~24-3 

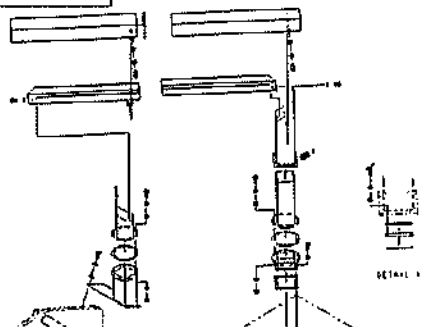
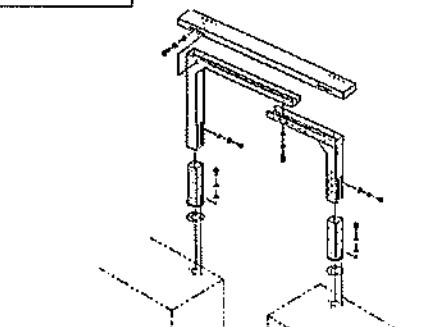
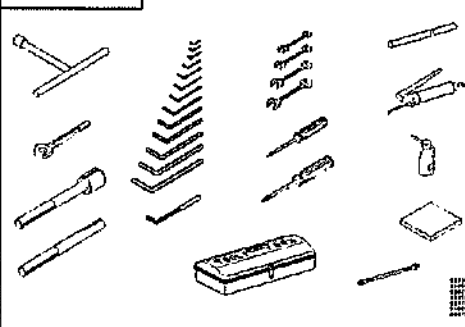
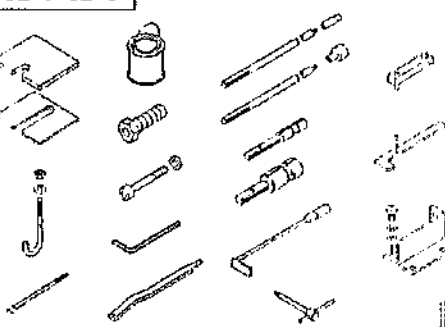
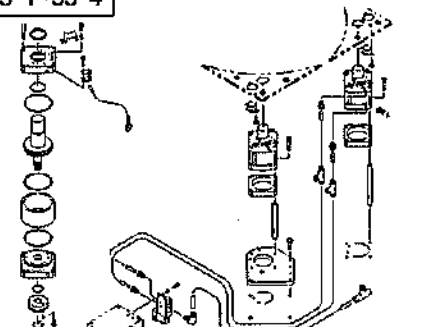
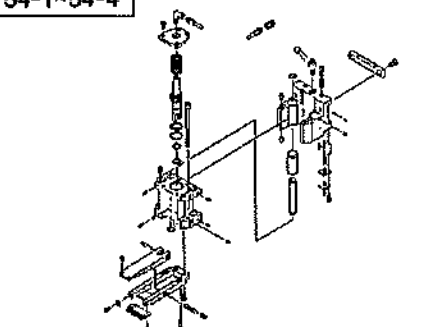
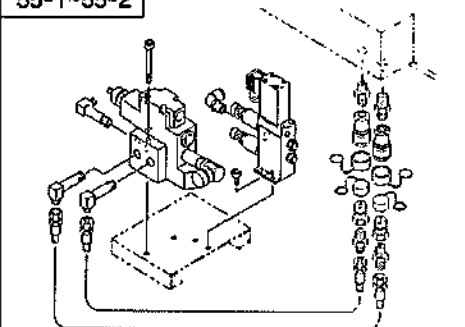
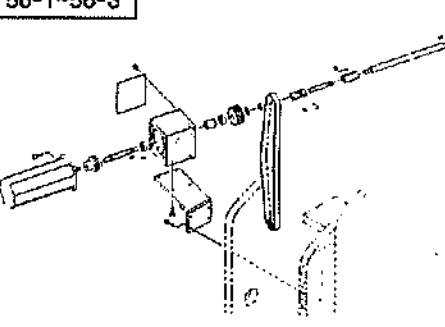
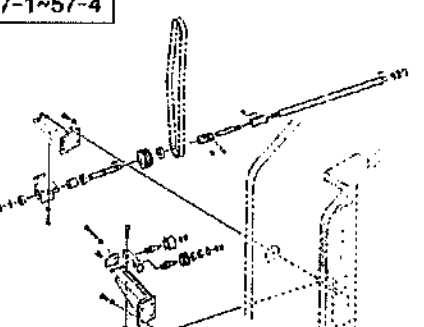
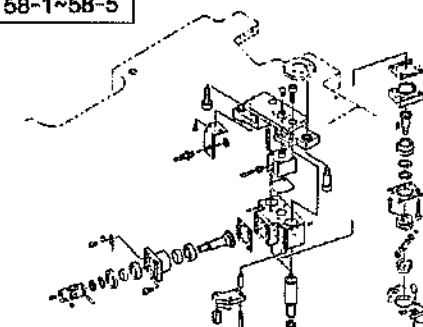
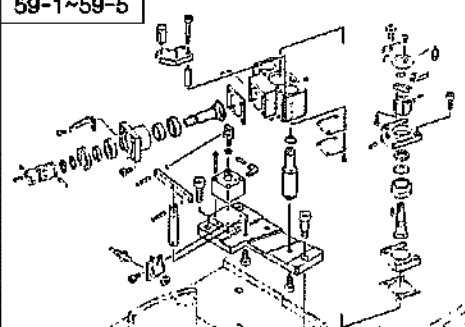
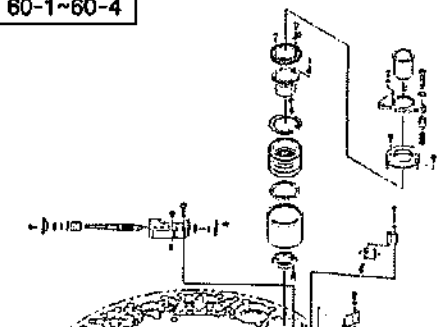
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33 Piping(2) - 1/3 33-1~33-4 	34 Piping(2) - 2/3 34-1~34-2 	35 Piping(2) - 3/3 35-1~35-2 	36 Piping(3) 36-1~36-3 

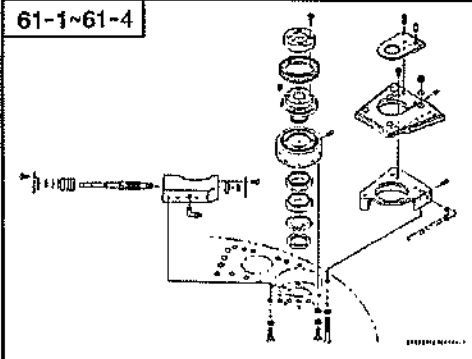
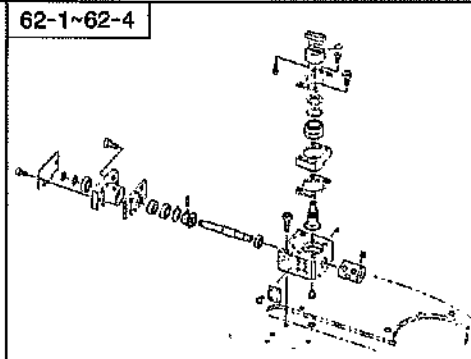
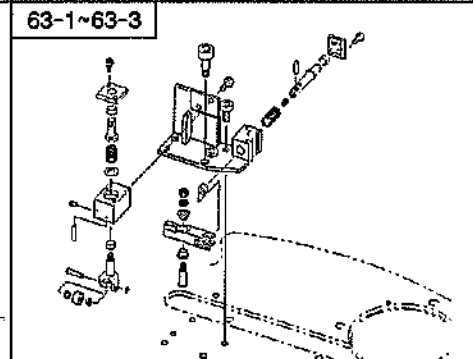
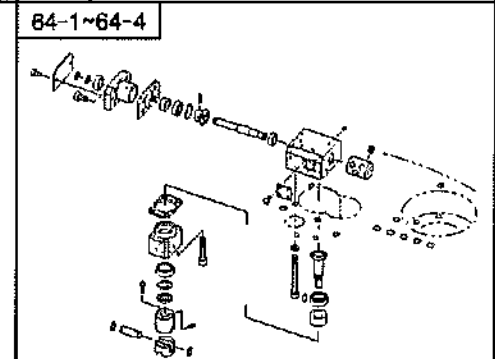
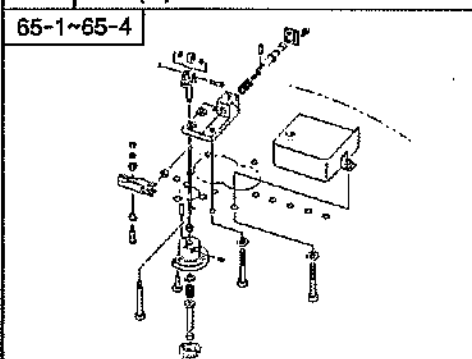
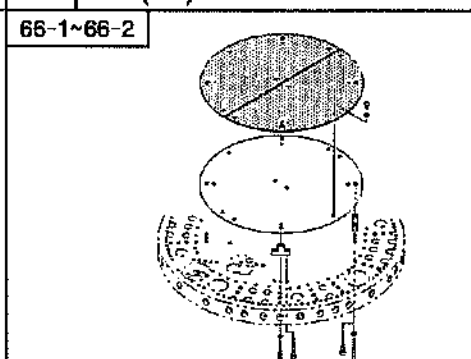
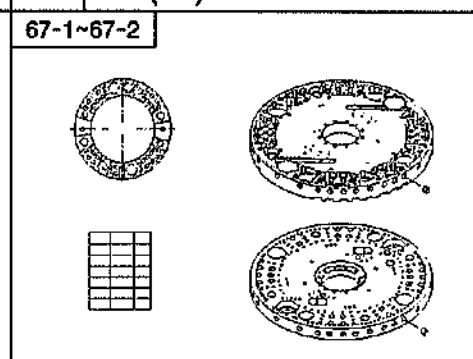
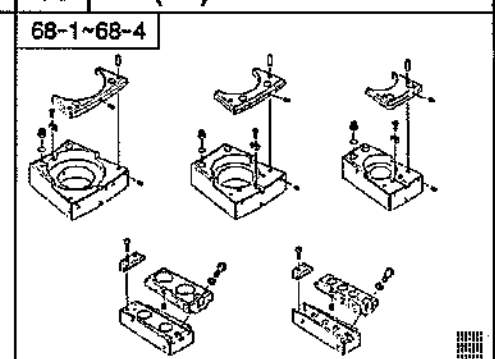
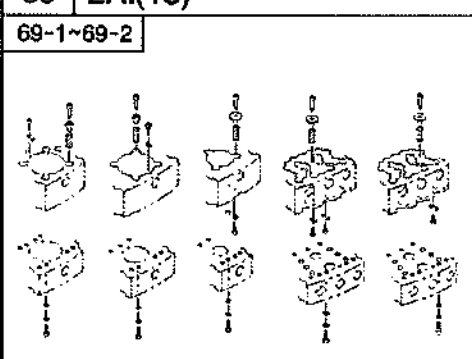
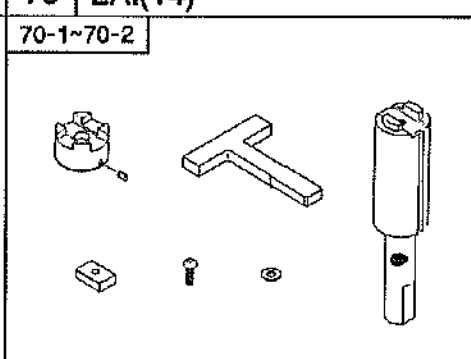
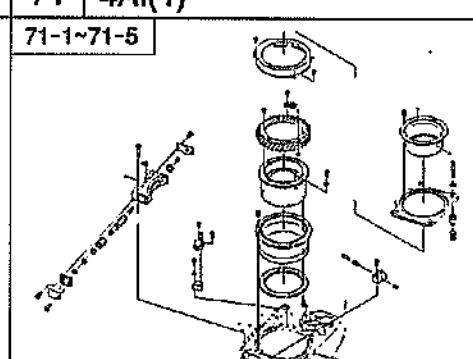
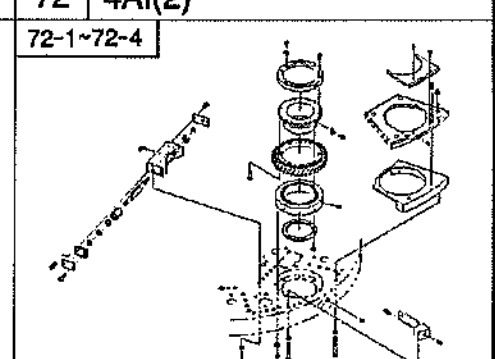
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37 Piping(4) 37-1~37-3 	38 Lubrication 38-1~38-4 	39 Electric(1) - 1/3 39-1~39-3 	40 Electric(1) - 2/3 40-1~40-2 
41 Electric(1) - 3/3 41-1~41-2 	42 Electric(2) 42-1~42-4 	43 Electric(3) 43-1~43-4 	44 Electric(4) 44-1~44-2 
45 Electric(5) 45-1~45-3 	46 Electric(6) 46-1~46-3 	47 Electric(7) 47-1~47-3 	48 Electric(8) 48-1~48-2 

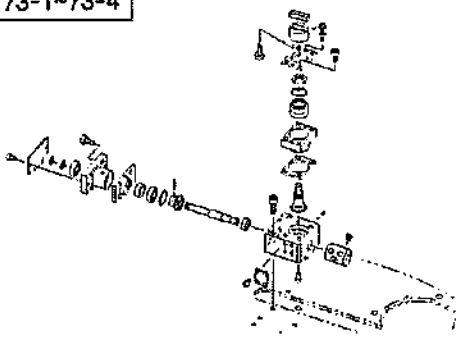
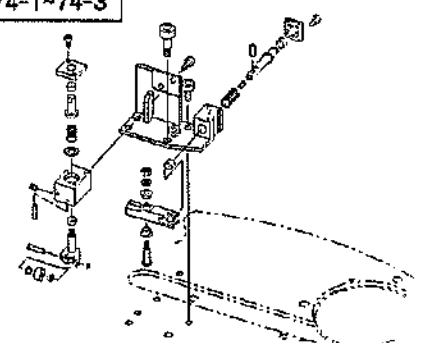
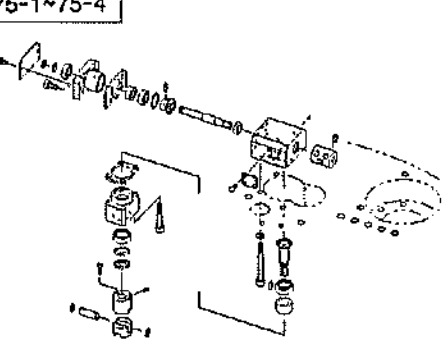
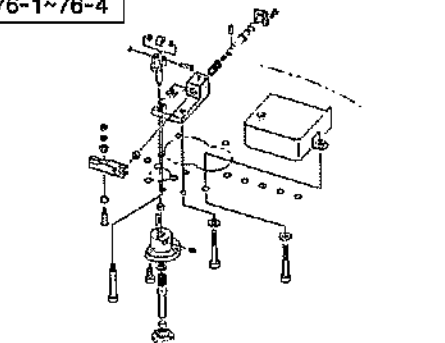
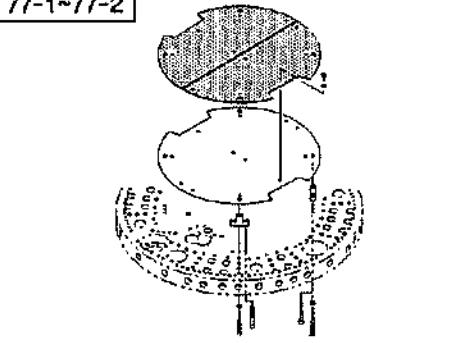
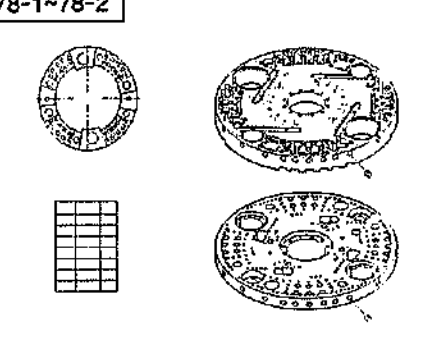
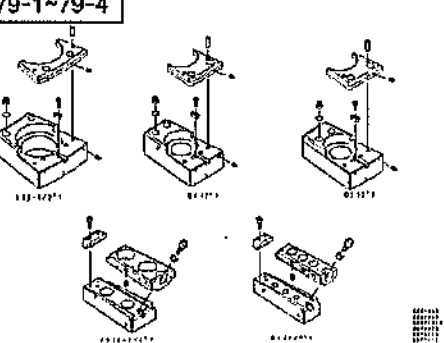
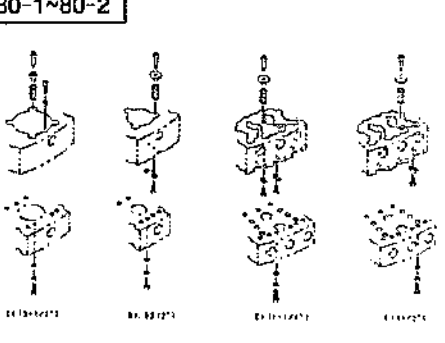
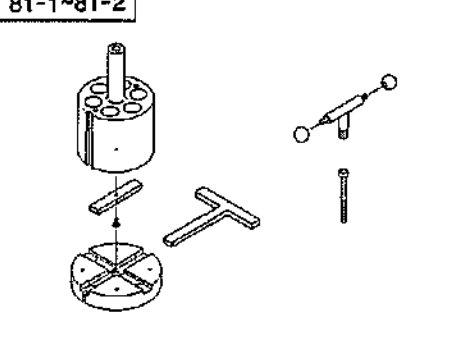
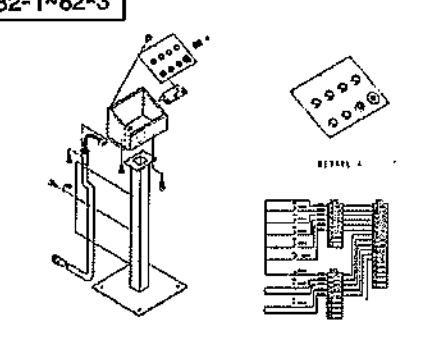
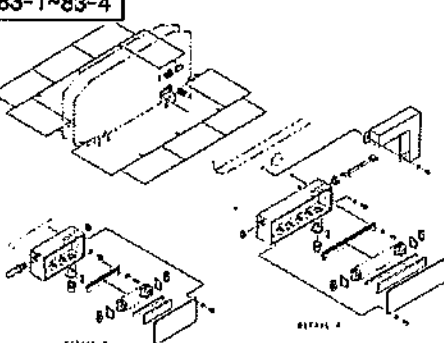
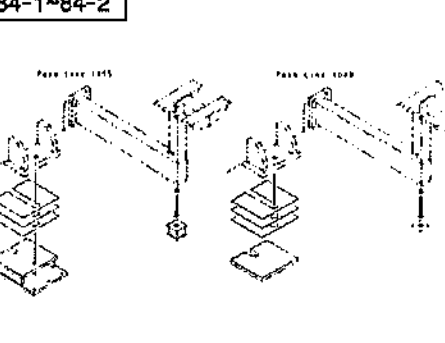
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49 Electric(9) - 1/2 49-1~49-4 	50 Electric(9) - 2/2 50-1~50-3 	51 Standard Accessory - 1/2 51-1~51-3 	52 Standard Accessory - 2/2 52-1~52-3 
53 Support Cylinder 53-1~53-4 	54 Hydraulic Clamp(1) 54-1~54-4 	55 Hydraulic Clamp(2) 55-1~55-2 	56 2AI(1) - 1/2 56-1~56-3 
57 2AI(1) - 2/2 57-1~57-4 	58 2AI(2) 58-1~58-5 	59 2AI(3) 59-1~59-5 	60 2AI(4) 60-1~60-4 

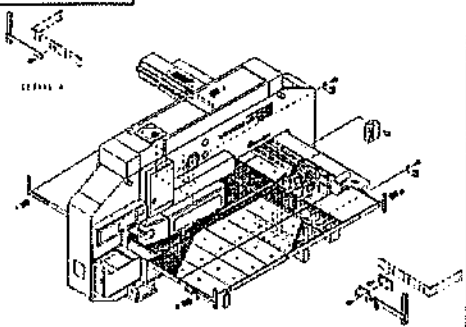
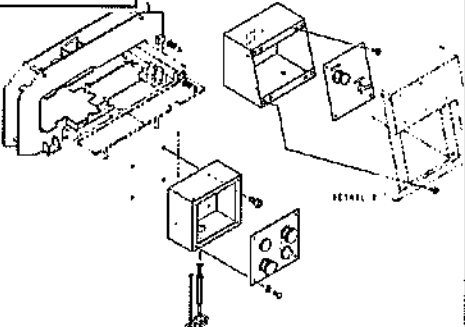
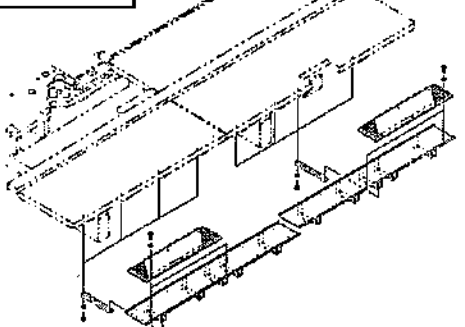
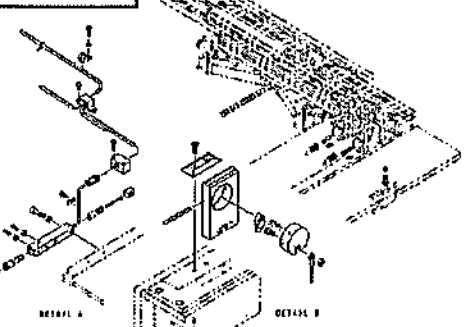
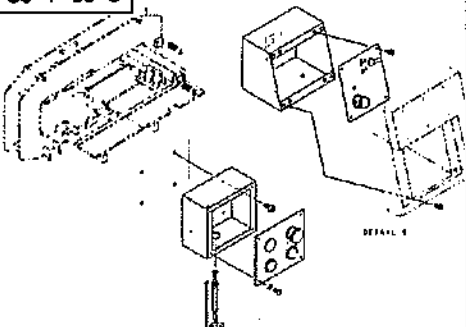
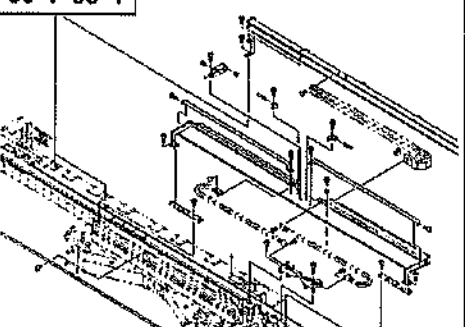
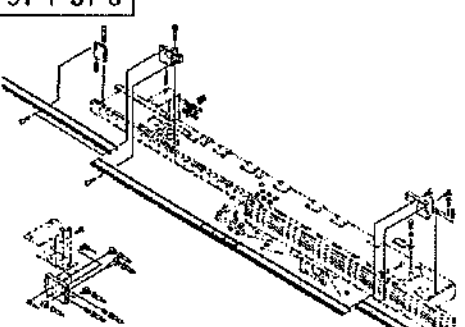
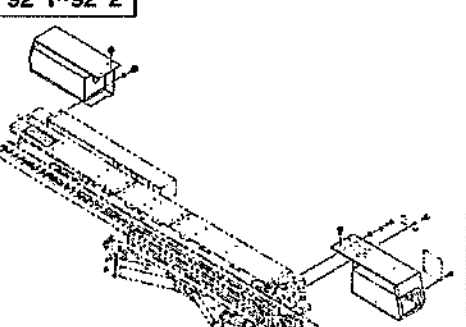
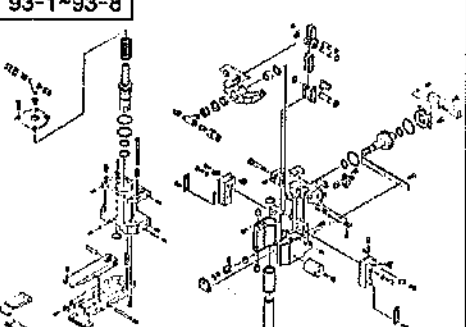
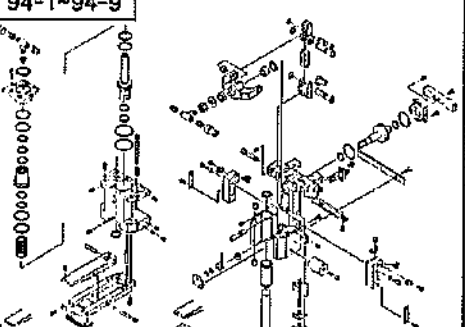
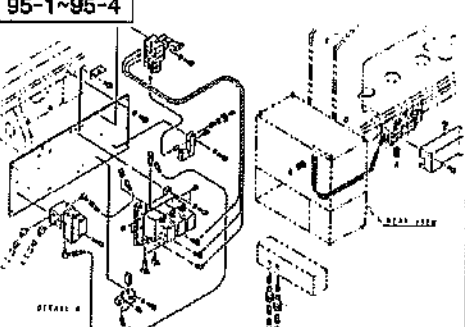
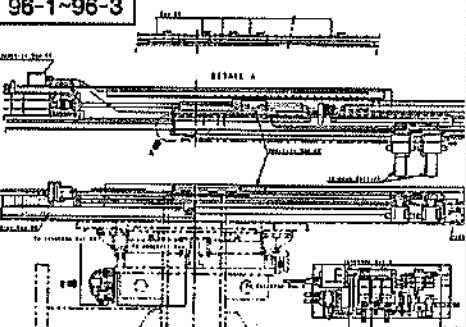
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612AI(5) 61-1~61-4 	622AI(6) 62-1~62-4 	632AI(7) 63-1~63-3 	642AI(8) 64-1~64-4 
652AI(9) 65-1~65-4 	662AI(10) 66-1~66-2 	672AI(11) 67-1~67-2 	682AI(12) 68-1~68-4 
692AI(13) 69-1~69-2 	702AI(14) 70-1~70-2 	714AI(1) 71-1~71-5 	724AI(2) 72-1~72-4 

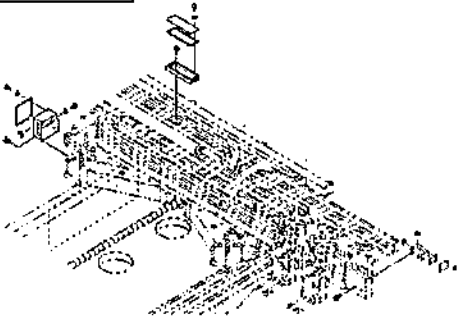
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73 4AI(3) 73-1~73-4 	74 4AI(4) 74-1~74-3 	75 4AI(5) 75-1~75-4 	76 4AI(6) 76-1~76-4 
77 4AI(7) 77-1~77-2 	78 4AI(8) 78-1~78-2 	79 4AI(9) 79-1~79-4 	80 4AI(10) 80-1~80-2 
81 4AI(11) 81-1~81-2 	82 Auxiliary Control Stand 82-1~82-3 	83 Safety Mat 83-1~83-4 	84 Pass Line 84-1~84-2 

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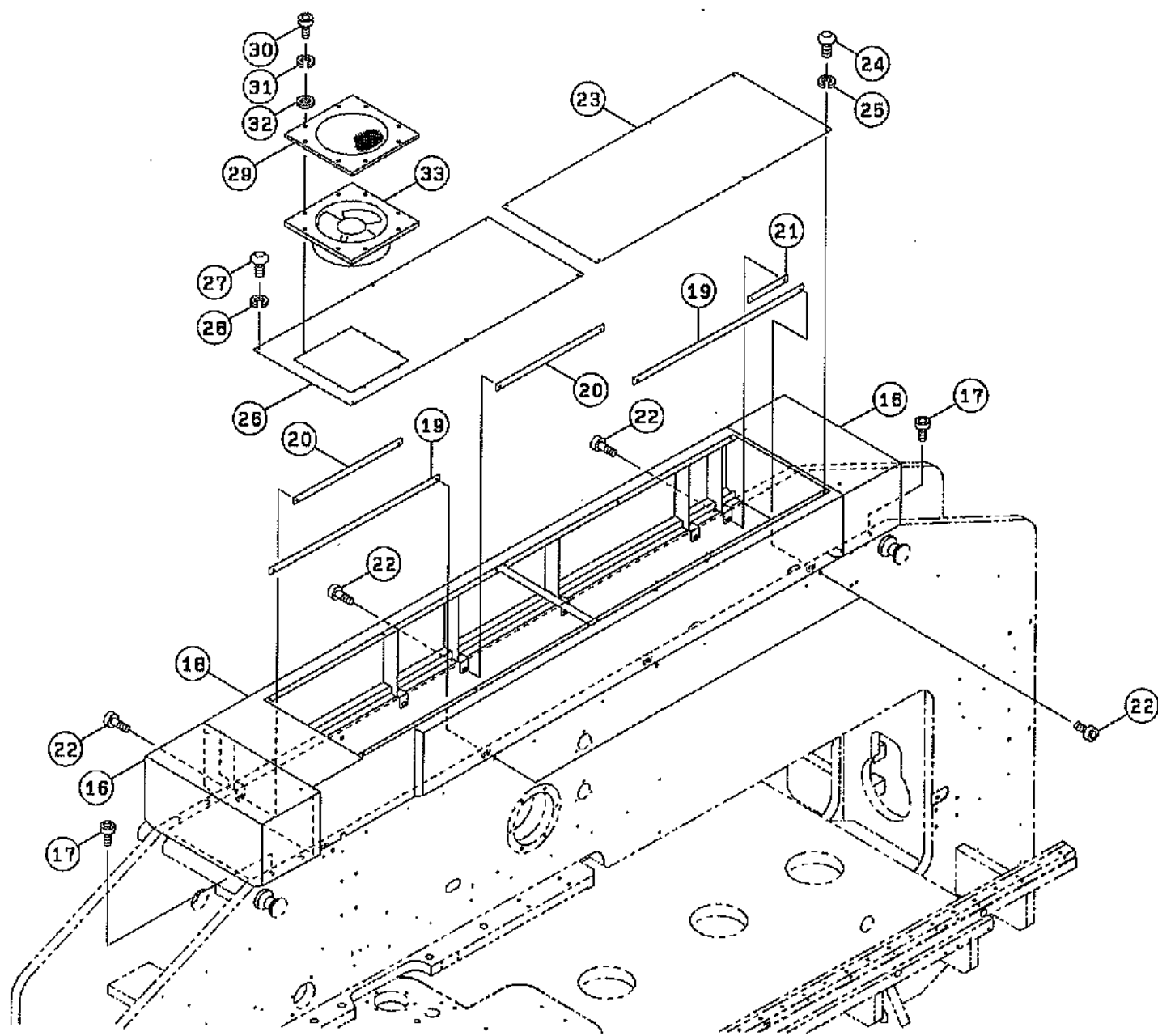
85 Light Sensor(1) 85-1~85-2 	86 Light Sensor(2) 86-1~86-2 	87 MP(1) 87-1~87-2 	88 MP(2) 88-1~88-4 
89 MP(3) 89-1~89-3 	90 Clamp Positioner(1)-1/3 90-1~90-4 	91 Clamp Positioner(1)-2/3 91-1~91-3 	92 Clamp Positioner(1)-3/3 92-1~92-2 
93 Clamp Positioner(2) 93-1~93-8 	94 Clamp Positioner(3) 94-1~94-9 	95 Clamp Positioner(4) 95-1~95-4 	96 Clamp Positioner(5) 96-1~96-3 

CONTENTS(9)

97	Clamp Positioner(6)				
97-1~97-3					

UNIT NO. 01
Frame(1)-1/3

From serial No. 35B20055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
16	74379006	Side Roof Cover	6578972		2		
17	74302815	Hex Soc Cap Screw	P330220009	M6X20	8		
18	74379002	Center Roof Cover	6573131 D		1		
19	74379003	Plate Nut(800)	6573133		2		
20	74379004	Plate Nut(500)	6573134		2		
21	74379005	Plate Nut(160)	6573135		1		
22	74314410	Hex Soc Cap Screw	P330230011	M8X45	14		
23	74365113	Roof Cover Cap	6017734		1		
24	74300624	Button Head Screw	P334500015	M6X15	6		
25	74300517	Spring Washer	P336050005	6	6		
26	74365114	Fan Cover	6017735 A		1		
27	74300624	Button Head Screw	P334500015	M6X15	6		
28	74300517	Spring Washer	P336050005	6	6		
29	74379001	Cover	0819106 A		1		
30	75168508	Hex Soc Cap Screw	P330220011	M6X25	8		
31	74300517	Spring Washer	P336050005	6	8		
32	74302328	Washer	P336000005	6(Regular Round)	8		

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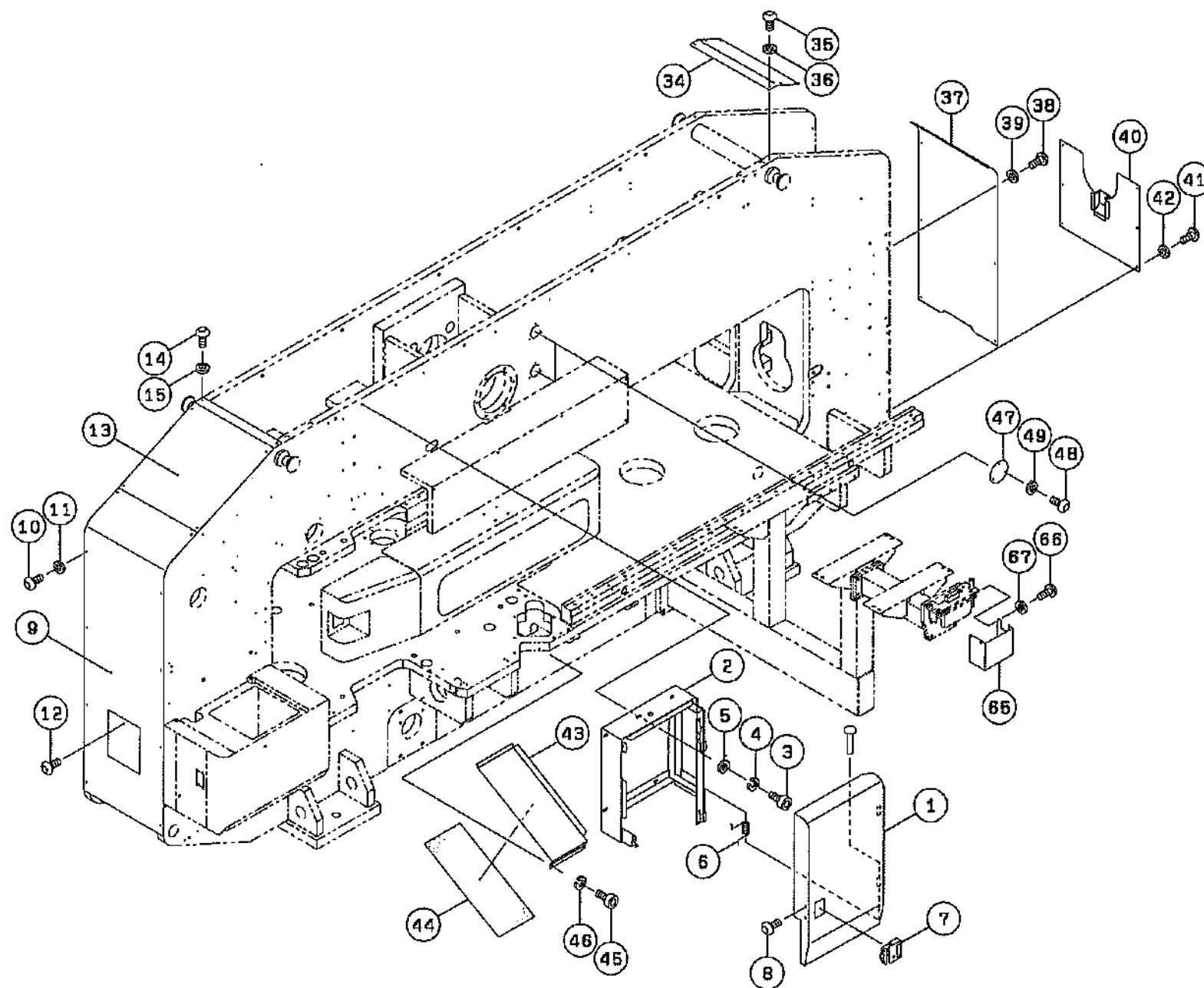


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UNIT NO. 02
Frame(1)-2/3

From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379012	Balancer Cover(A)	6573196		1		
2	74379013	Balancer Cover(B)	6573197 C		1		
3	73157630	Hex Soc Cap Screw	P330230004	M8X15	5		
4	74300518	Spring Washer	P336050006	8	5		
5	74300511	Washer	P336000006	8(Regular Round)	5		
6	74300468	Spring	6018027 A		1		
7	74379018	Handle For Door	P317012011	A-151-2-2 (Takigen)	1		
8	74311210	Button Head Screw	P334500009	M5X10	2		
9	74379009	Left Side Cover (Upper)	6571872		1		
10	74300624	Button Head Screw	P334500015	M6X15	10		
11	74302328	Washer	P336000005	6(Regular Round)	10		
12	74300313	Bolt	6018086		1		
13	74379010	Left Side Cover (Upper)	6573137 A		1		
14	74300624	Button Head Screw	P334500015	M6X15	6		
15	74302328	Washer	P336000005	6(Regular Round)	6		
34	74379008	Right Side Cover(Up)	6570030		1		
35	74300624	Button Head Screw	P334500015	M6X15	6		

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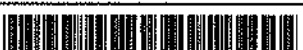


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
36	74302328	Washer	P336000005	6(Regular Round)	6		
37	74379015	Right Side Cover(Mid)	6577321		1		
38	74300624	Button Head Screw	P334500015	M6X15	10		
39	74302328	Washer	P336000005	6(Regular Round)	10		
40	74379014	Right Side Cover(Low)	6573211		1		
41	74300624	Button Head Screw	P334500015	M6X15	6		
42	74302328	Washer	P336000005	6(Regular Round)	6		
43	74300426	Rubber Sheet(A)	0820594 B		1		
44	74379017	Rubber(NBR)	P230600009	T2X200X500	1		
45	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
46	74300517	Spring Washer	P336050005	6	2		
47	74379011	Blind Cover	6573195		2		
48	74300624	Button Head Screw	P334500015	M6X15	6		
49	74302328	Washer	P336000005	6(Regular Round)	6		
65	74379016	Locating Pin Cover	6579178 A		1		
66	74302328	Washer	P336000005	6(Regular Round)	4		
67	74306424	Button Head Screw	P334500013	M6X10	4		

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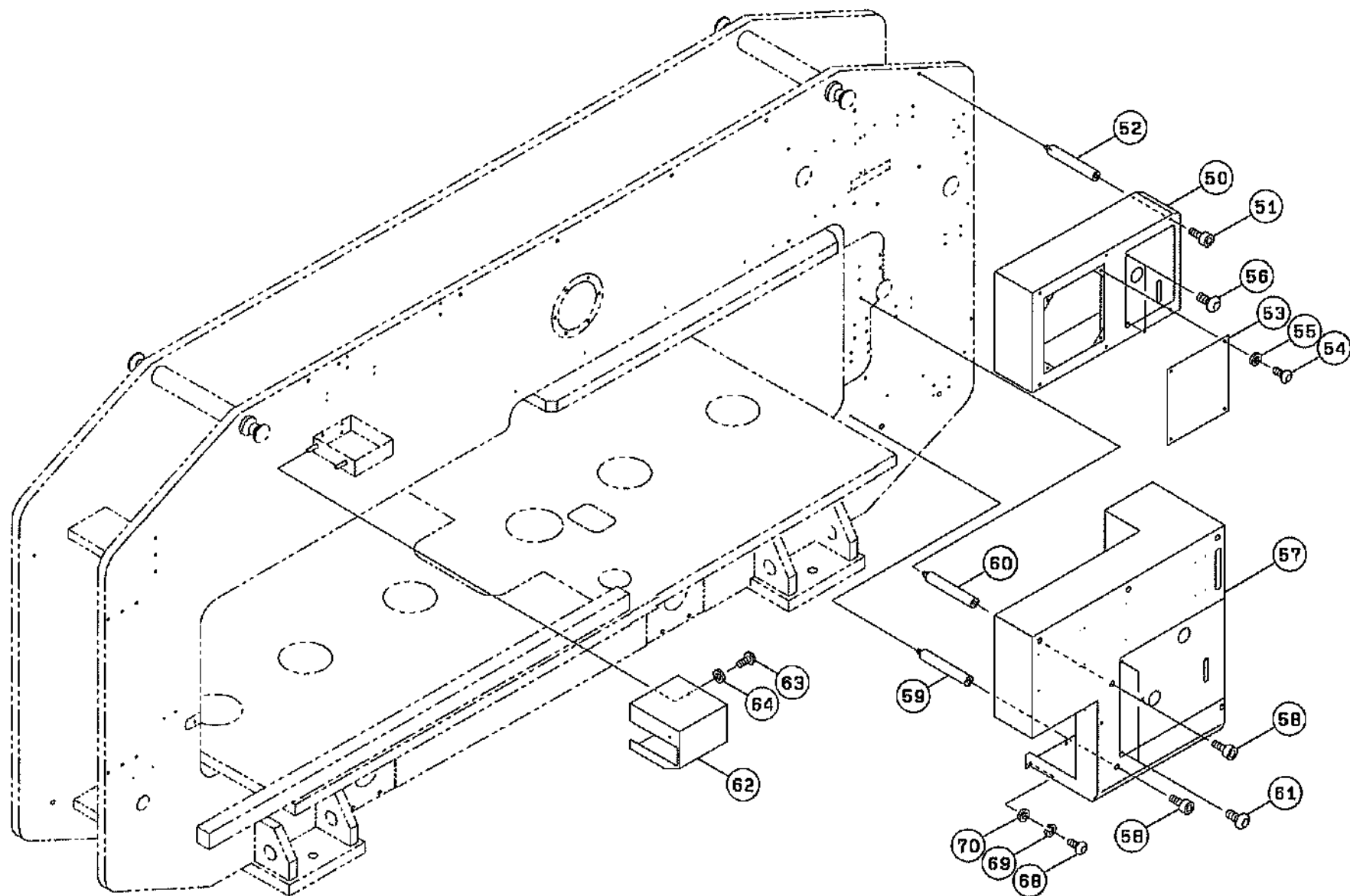
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UNIT NO. 03
Frame(1)-3/3

From serial No. 35820055 and after



Ver. 1

03-1

6577945

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
50	74379021	Index Cover(Upper)	6573125 C		1		
51	74304911	Hex Soc Cap Screw	P330230014	M8X60	6		
52	74379023	Stud(Index Cover)	6573139		6		
53	74379022	Cap(Left)	6573127		1		
54	75420658	Button Head Screw	P334500017	M8X10	4		
55	74300511	Washer	P336000006	8(Regular Round)	4		
56	74300313	Bolt	6018086		2		
57	74379025	Index Cover(Lower)	6578948 C		1		
58	74304911	Hex Soc Cap Screw	P330230014	M8X60	7		
59	74379019	Stud Bolt(R)	6530128		5		
60	74379020	Stud Bolt(S)	6530143		1		
61	74300313	Bolt	6018086		2		
62	74379024	Duct Wiring Cover(U)	6573199		1		
63	74304817	Button Head Screw	P334500019	M8X15	4		
64	74300511	Washer	P336000006	8(Regular Round)	4		
68	74304817	Button Head Screw	P334500019	M8X15	3		
69	74300518	Spring Washer	P336050006	8	3		

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Unit No.03
Frame(1)-3/3

From Serial No. 35820055 and after

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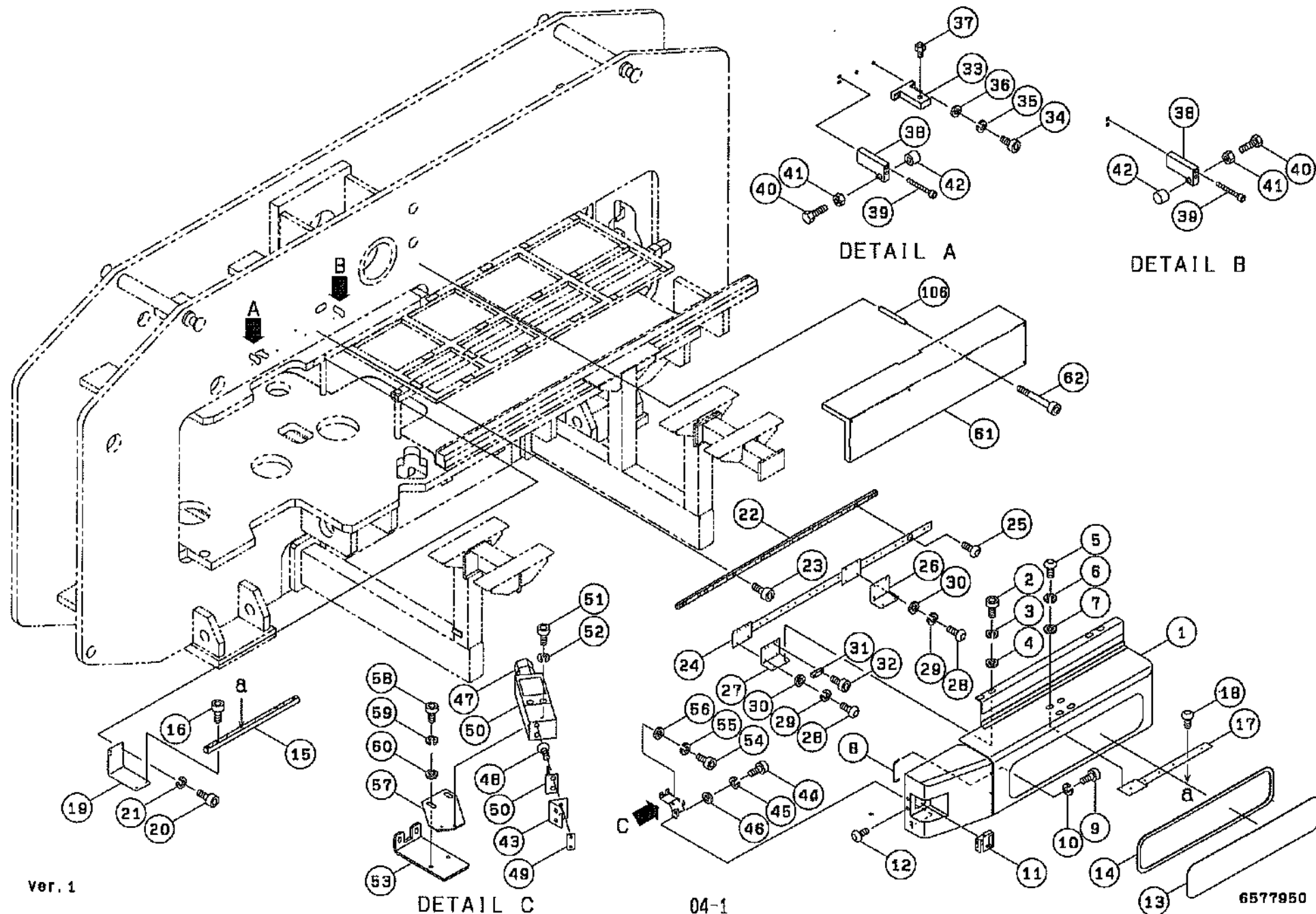
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UNIT NO. 04
Frame(2)-1/3

From serial No. 35820055 and after



Ver. 1

04-1

6577950

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379031	Front Turret Cover	6573141 B		1		
2	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
3	74300517	Spring Washer	P336050005	6	4		
4	74302328	Washer	P336000005	6(Regular Round)	4		
5	74163306	Button Head Screw	P334500008	M5X8	4		
6	74300516	Spring Washer	P336050004	5	4		
7	74716206	Washer	P336000004	5(Small Round)	4		
8	36331634 (76153050)	Grip	P317122013	A-1042-C-4 (Takigen)	1		
9	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
10	74300517	Spring Washer	P336050005	6	2		
11	74379043	Handle For Door	P317012011	A-151-2-2 (Takigen)	1		
12	74311210	Button Head Screw	P334500009	M5X10	2		
13	74379026	Acryl Plate(Turret)	6530101		1		
14	74379042	Rubber Seal	P229173008	NO.517-2.25M (Hashimoto)	1		
15	74379027	Slide Block(A)	6530103 A		1		
16	74302818	Hex Soc Cap Screw	P330230008	M8X30	4		
17	74379047	Way Bearing	P446122003	FBW50110FUU+600L (THK)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74163306	Button Head Screw	P334500008	M5X8	6		
19	74379028	Angle(A)	6530104 A		1		
20	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
21	74300518	Spring Washer	P336050006	8	4		
22	74379029	Slide Block(B)	6530106 A		1		
23	74300606	Hex Soc Cap Screw	P330230006	M8X20	8		
24	74379048	Way Bearing	P446122004	2FBW50110FUU+1400L (THK)	1		
25	74163306	Button Head Screw	P334500008	M5X8	14		
26	74379030	Angle(B)	6530107 A		1		
27	74379035	Angle(B) Left	6573190		1		
28	74379045	Button Head Screw	P334500010	M5X12	8		
29	74300516	Spring Washer	P336050004	5	8		
30	74716206	Washer	P336000004	5(Small Round)	8		
31	74379038	Ball Button	6573193		1		
32	74302815	Hex Soc Cap Screw	P330220009	M6X20	2		
33	74379037	Plunger Block	6573192		1		
34	74302815	Hex Soc Cap Screw	P330220009	M6X20	2		

Ver. 1



04-3



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74300517	Spring Washer	P336050005	6	2		
36	74302328	Washer	P336000005	6(Regular Round)	2		
37	74379046	Spring Plunger	P338104008	BSJ16 (Misumi)	1		
38	74379036	Stopper Block	6573191		2		
39	36334227	Hex Soc Cap Screw	P330220020	M6X70	4		
40	74305033	Bolt	P330040008		2		
41	74716008	Nut	P332000019	M10(Type-3)	2		
42	74303733	Cushion	0823072		2		
43	74379032	Bracket(A)	6573143		1		
44	74302812	Hex Soc Cap Screw	P330220003	M6X10	2		
45	74300517	Spring Washer	P336050005	6	2		
46	74302328	Washer	P336000005	6(Regular Round)	2		
47	74300827	Accessory(Switch)	P828108001	STB13.5 (Klockner)	1		
48	76400229	Flat Head Bolt	P334520003	M4X12	2		
49	74379034	Plate Nut	6573149		1		
50	74300824	Limit Switch	P828008001	AT0-11-1-ZB (Klockner)	1		
51	74300602	Hex Soc Cap Screw	P330200024	M4X35	2		

Ver. 1



04-4



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
52	74300515	Spring Washer	P336050003	4	2		
53	74379041	LS Bracket(Upper)	6577039 A		1		
54	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
55	74300517	Spring Washer	P336050005	6	2		
56	74302328	Washer	P336000005	6(Regular Round)	2		
57	74379033	LS Plate	6573144		1		
58	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
59	74300517	Spring Washer	P336050005	6	2		
60	74302328	Washer	P336000005	6(Regular Round)	2		
61	74379039	Front Turret Cover(Upper)	6573194		1		
62	74379044	Hex Soc Cap Screw	P330230041	M8X200	5		
106	74379040	Stud(Turret Cover)	6573630		5		

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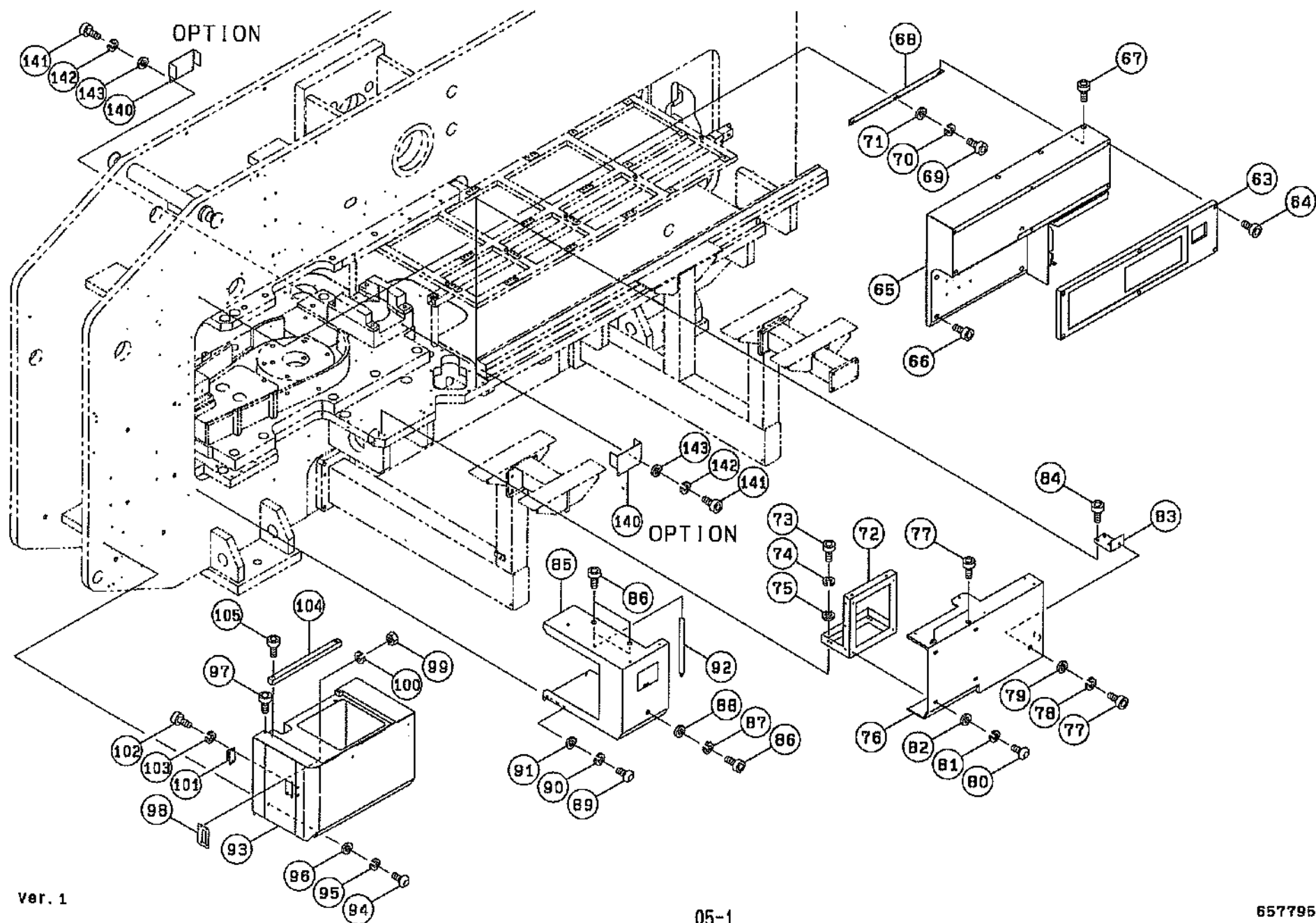
04-5





UNIT NO. 05
Frame(2)-2/3

From serial No. 35820055 and after



Ver. 1

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6577950

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
63	74379055	Sub Control Box Cover	6577391		1		
64	74301627	Hex Soc Cap Screw	P330230009	M8X35	6		
65	74379051	Sub Control Box Cover	6573145 C		1		
66	74302818	Hex Soc Cap Screw	P330230008	M8X30	4		
67	73157630	Hex Soc Cap Screw	P330230004	M8X15	3		
68	74379049	Angle	6530112 A		1		
69	74300606	Hex Soc Cap Screw	P330230006	M8X20	3		
70	74300518	Spring Washer	P336050006	8	3		
71	74300511	Washer	P336000006	8(Regular Round)	3		
72	74379054	Lower Turret Door Bracket(F)	6573212		1		
73	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
74	74300518	Spring Washer	P336050006	8	4		
75	74300511	Washer	P336000006	8(Regular Round)	4		
76	74379057	M Tap Cover	6578950 A		1		
77	73157630	Hex Soc Cap Screw	P330230004	M8X15	3		
78	74300518	Spring Washer	P336050006	8	1		
79	74300511	Washer	P336000006	8(Regular Round)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
80	74304817	Button Head Screw	P334500019	M8X15	2		
81	74300518	Spring Washer	P336050006	8	2		
82	74300511	Washer	P336000006	8(Regular Round)	2		
83	74379058	M Tap Cover Bracket	6578956 B		1		
84	74304917	Hex Soc Cap Screw	P330250007	M12X40	2		
85	74379056	Cover F	6578949 A		1		
86	74300606	Hex Soc Cap Screw	P330230006	M8X20	3		
87	74300518	Spring Washer	P336050006	8	1		
88	74300511	Washer	P336000006	8(Regular Round)	1		
89	74304817	Button Head Screw	P334500019	M8X15	2		
90	74300518	Spring Washer	P336050006	8	2		
91	74300511	Washer	P336000006	8(Regular Round)	2		
92	74379052	Stud(Cover F)	6573153		2		
93	74379053	Punch Assembling Jig Cover	6573154 A		1		
94	74304817	Button Head Screw	P334500019	M8X15	3		
95	74300518	Spring Washer	P336050006	8	3		
96	74300511	Washer	P336000006	8(Regular Round)	3		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
97	75168508	Hex Soc Cap Screw	P330220011	8(Regular Round)	2		
98	74379059	Grip	P317152007	A-1191-2-A (Takigen)	1		
99	74300501	Nut	P332000002	M4	4		
100	74300515	Spring Washer	P336050003	4	4		
101	71360350	Door Closer	P317442012	C-100-B-2 (Takigen)	1		
102	74300612	Hex Soc Cap Screw	P330200001	M3X6	2		
103	74307612	Spring Washer	P336050002	3	2		
104	74379050	Edge Cover	6530121 B		1		
105	74302812	Hex Soc Cap Screw	P330220003	M6X10	2		
140	74379928	Disk Support Cover	6533769		2		
141	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
142	74300517	Spring Washer	P336050005	6	4		
143	74302328	Washer	P336000005	6	4		

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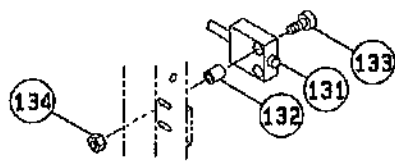
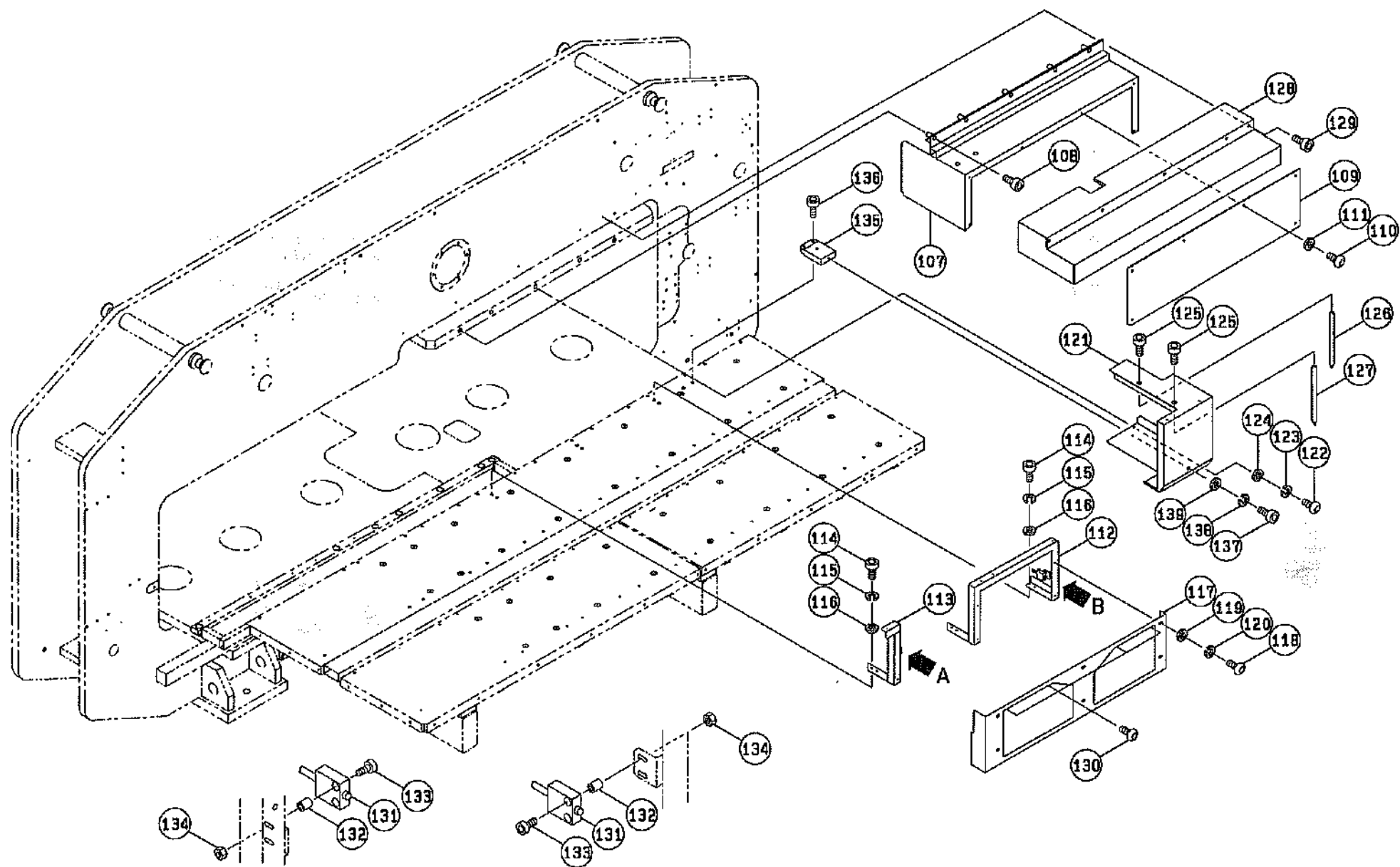


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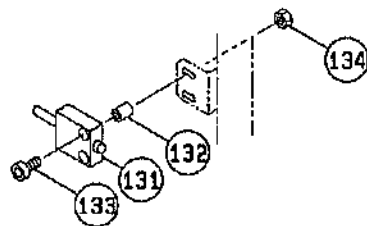


UNIT NO. 06
Frame(2)-3/3

From serial No.35820055 and after



DETAIL A



DETAIL B

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
107	74379068	Rear Turret Cover	6579128		1		
108	74304909	Hex Soc Cap Screw	P330230010	M8X40	7		
109	74379060	Acryl Plate(Rear)	6533013 A		1		
110	74304817	Button Head Screw	P334500019	M8X15	6		
111	74300511	Washer	P336000006	8(Regular Round)	6		
112	74379063	Lower Turret Cover Bracket(A)	6578951		1		
113	74379064	Lower Turret Cover Bracket(B)	6578952		1		
114	73157630	Hex Soc Cap Screw	P330230004	M8X15	6		
115	74300518	Spring Washer	P336050006	8	6		
116	74300511	Washer	P336000006	8(Regular Round)	6		
117	74379065	Rear Turret Cover	6578953 A		1		
118	74304817	Button Head Screw	P334500019	M8X15	6		
119	74300511	Washer	P336000006	8(Regular Round)	6		
120	74300518	Spring Washer	P336050006	8	6		
121	74379066	Cover RR	6578954 B		1		
122	74304817	Button Head Screw	P334500019	M8X15	1		
123	74300518	Spring Washer	P336050006	8	1		

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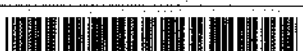


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
124	74300511	Washer	P336000006	8(Regular Round)	1		
125	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
126	74379052	Stud(Cover F)	6573153		1		
127	74379062	Stud(Cover RR)	6573124		1		
128	74379061	Rear Turret Cover(Upper)	6570042		1		
129	74379044	Hex Soc Cap Screw	P330230041	M8X200	5		
130	74300313	Bolt	6018086		4		
131	74379070	Limit Switch	P828003005	14CE1-3J (Yamatake)	2		
132	74379067	Collar	6578955		2		
133	74309801	Hex Soc Cap Screw	P330210013	M5X40	4		
134	75420646	Nut	P332000029	M5(Type-1)	4		
135	74379069	Cover RR Bracket	6579135		1		
136	74304917	Hex Soc Cap Screw	P330250007	M12X40	2		
137	74300606	Hex Soc Cap Screw	P330230006	M8X20	1		
138	74300518	Spring Washer	P336050006	8	1		
139	74300511	Washer	P336000006	8(Regular Round)	1		

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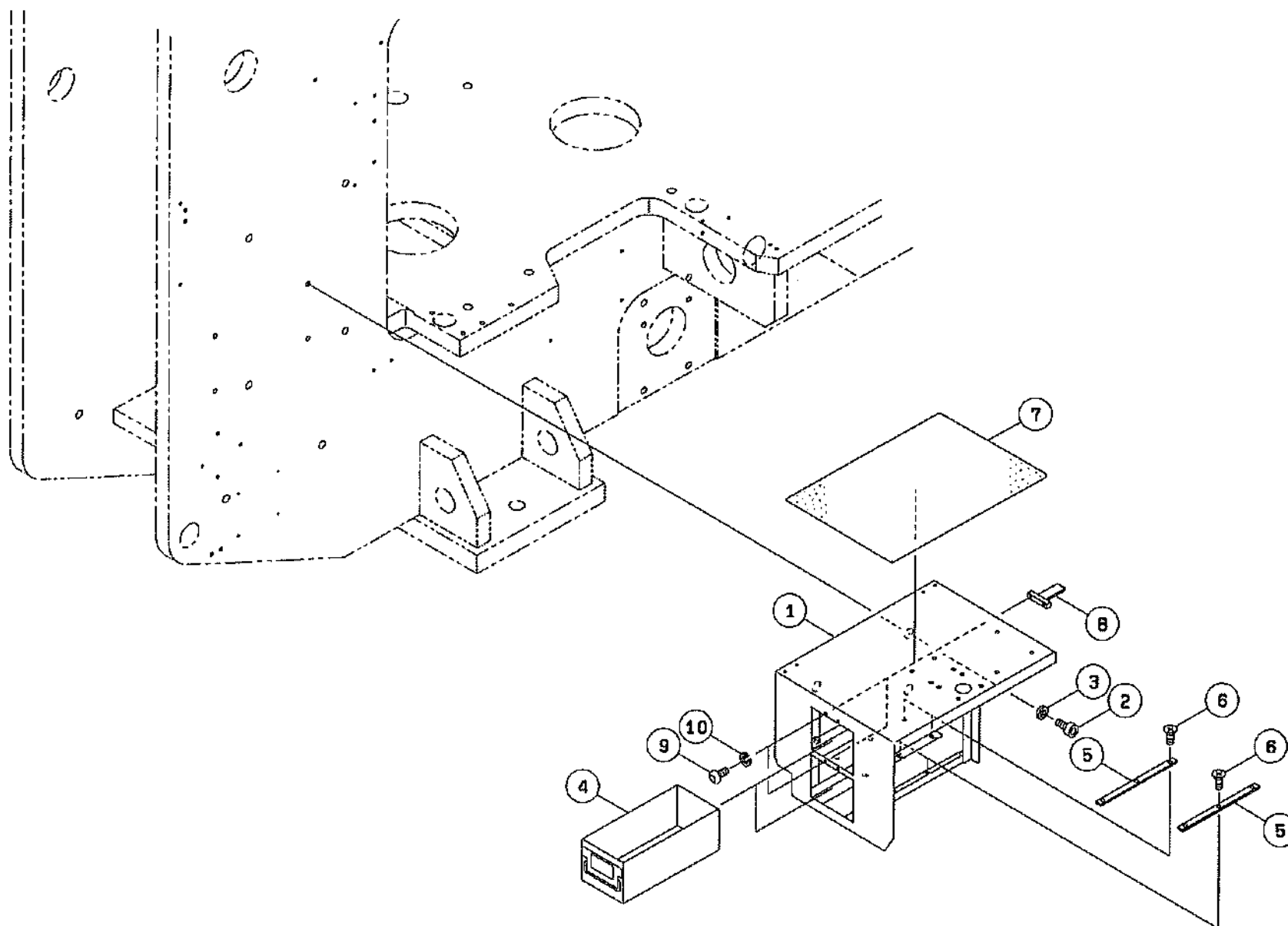
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UNIT NO. 07
Frame(3)

From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379071	Workbench	6530061 A		1		
2	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	4		
3	74303704	Washer	P336000008	12(Regular Round)	4		
4	74379074	Cabinet	P370208001	H-130 (Sakae)	2		
5	74306231	Nylon Plate	6018091		4		
6	74379073	Flat Head Bolt	P334523014	M5X10 (Unbrako)	12		
7	74379072	Rubber Mat	6530062		1		
8	74306227	Stopper	6018093 A		2		
9	74722758	Button Head Screw	P334503016	M6X15 (Unbrako)	4		
10	74300517	Spring Washer	P336050005	6	4		

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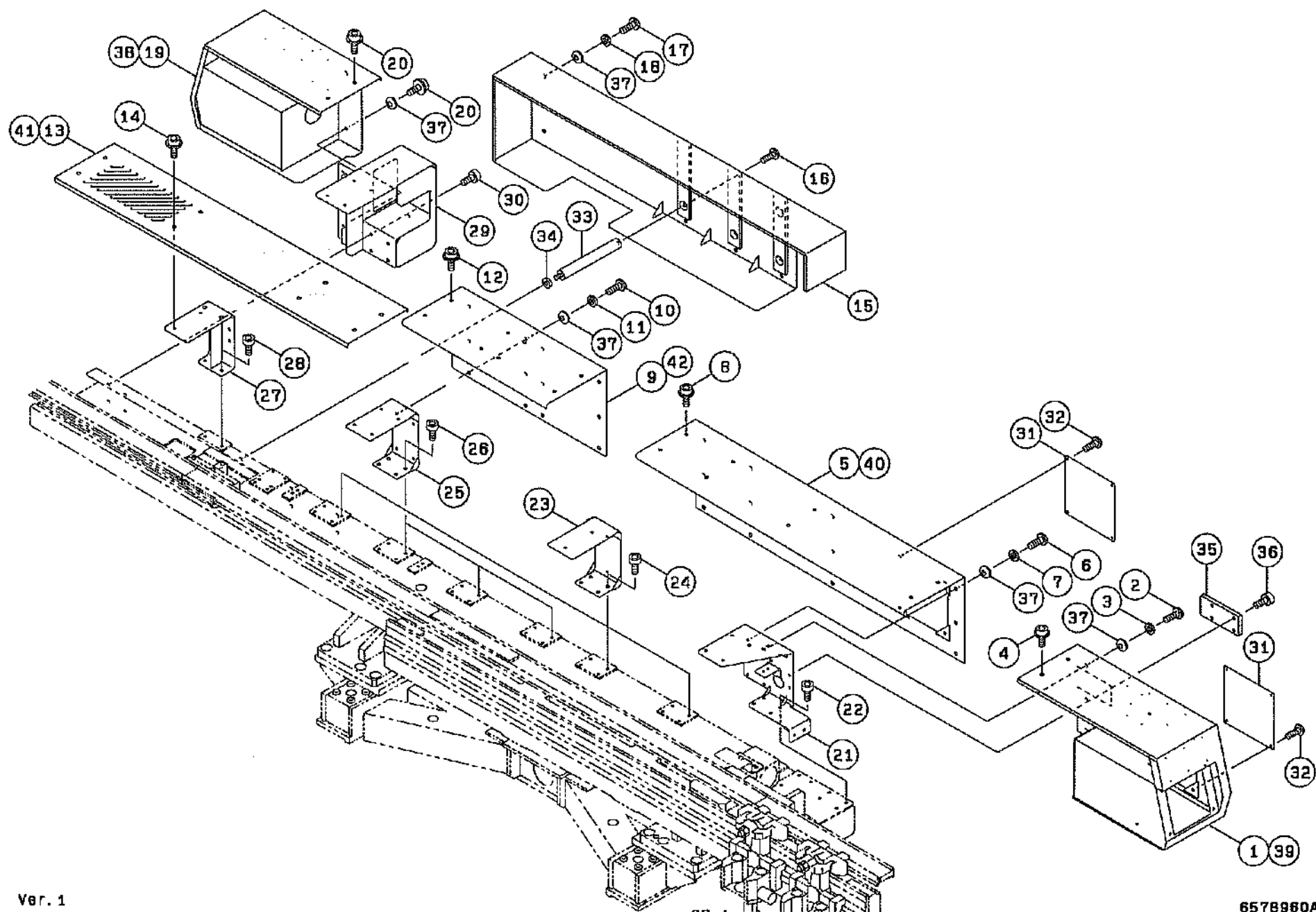


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UNIT NO. 08
Frame(4)

From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379079	Carriage Cover(F1)	6578961 B		1		
2	74183316	Button Head Screw	P334500020	M8X20	3		
3	74300511	Washer	P336000006	8(Regular Round)	3		
4	75420814	Flange Socket Bolt	P330468011	M8X10 (Nissan)	4		
5	74379080	Carriage Cover(F2)	6578962		1		
6	74183316	Button Head Screw	P334500020	M8X20	1		
7	74300511	Washer	P336000006	8(Regular Round)	1		
8	75420814	Flange Socket Bolt	P330468011	M8X10 (Nissan)	8		
9	74379081	Carriage Cover(C)	6578963 A		1		
10	74183316	Button Head Screw	P334500020	M8X20	12		
11	74300511	Washer	P336000006	8(Regular Round)	12		
12	75420814	Flange Socket Bolt	P330468011	M8X10 (Nissan)	8		
13	74379083	Carriage Cover(R2)	6578965 A		1		
14	75420814	Flange Socket Bolt	P330468011	M8X10 (Nissan)	8		
15	74379084	Carriage Wiring Cover	6578966 B		1		
16	75420658	Button Head Screw	P334500017	M8X10	8		
17	74183316	Button Head Screw	P334500020	M8X20	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74300511	Washer	P336000006	8(Regular Round)	2		
19	74379082	Carriage Cover(R1)	6578964 B		1		
20	75420814	Flange Socket Bolt	P330468011	M8X10 (Nissan)	4		
21	74379085	Cover Bracket A	6578967		1		
22	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
23	74379077	Cover Bracket B	6576356		3		
24	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	12		
25	74379078	Cover Bracket C	6576357		3		
26	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	12		
27	74379086	Cover Bracket D	6578968		1		
28	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	2		
29	74379087	Cover Bracket E	6578969 B		1		
30	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
31	74722106	Carriage Cover(F1) Cover	6530140		2		
32	74306424	Button Head Screw	P334500013	M6X10	8		
33	74379076	Stud	6533786		8		
34	74379075	Collar	6140189		8		

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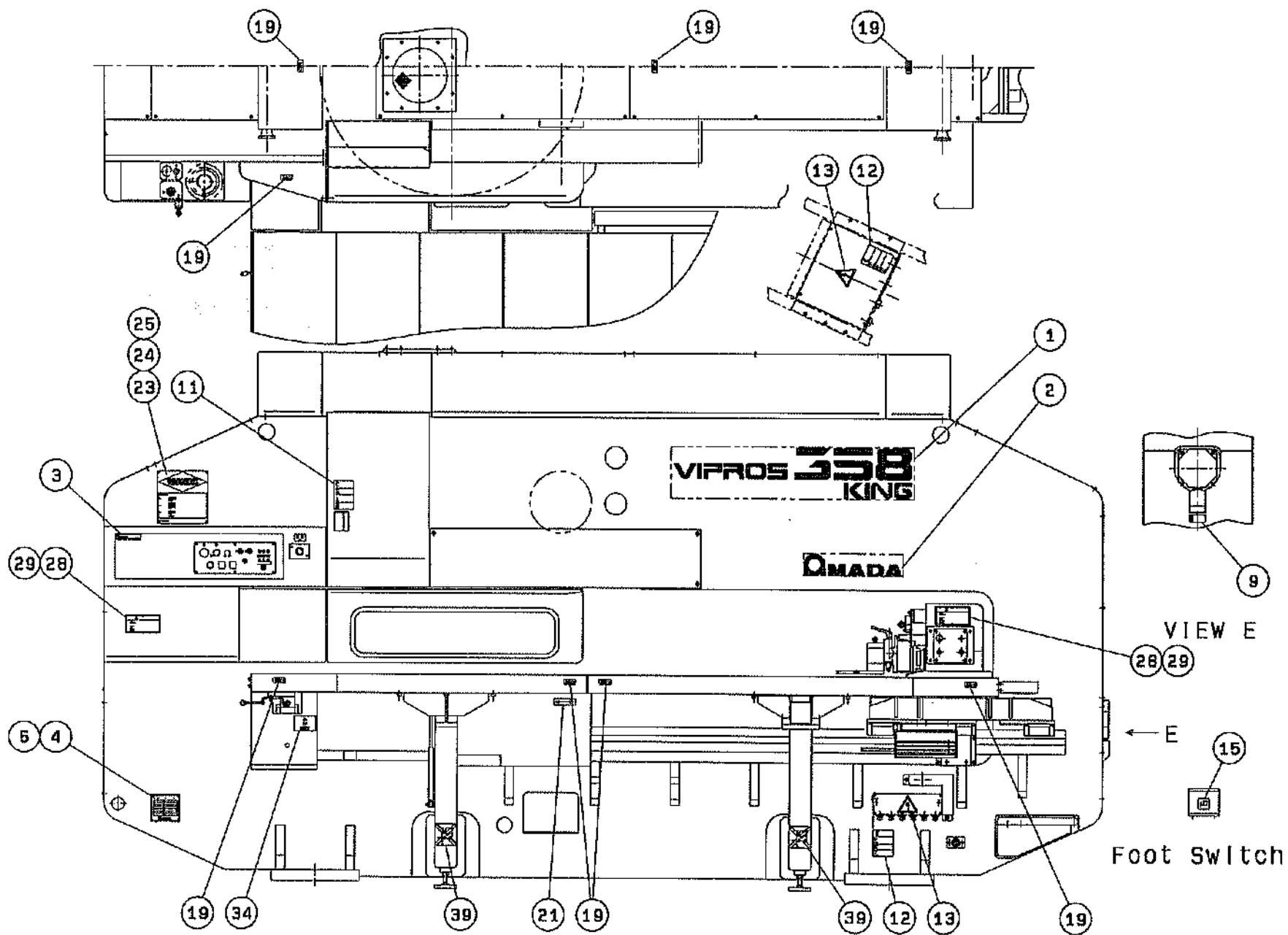
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74722128	Y-axis Pusher Setting Cover	6531832		1		
36	36329937	Hex Soc Cap Screw	P330230001	M8X10	4		
37	74379088	Bush For Cable	P229112004	C-30-BW-12-2 (Takigen)	30		
38	74379090	Rubber Seal	P229178003	62-16-B-5-0.47M (Iwata)	1		
39	74379089	Rubber Seal	P229178001	62-16-B-5-0.55M (Iwata)	1		
40	74379091	Rubber Seal	P229178007	62-16-B-5-1.115M (Iwata)	1		
41	74379092	Rubber Seal	P229178008	62-16-B-5-1.215M (Iwata)	1		
42	74379093	Rubber Seal	P229178009	62-16-B-5-0.6M (Iwata)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379096	Model Plate	6573138		1		
2	74365105	Amada Name Plate(No.100)	6034406		1		
3	74379095	Legend Plate(Triple Track)	6530161		1		
4	74300429	Serial Plate	0820825 D		1		
5	74379097	Rivet	P339070006	6X12(Round)	4		
9	74300490	Y Axis Motor Plate	6502839		1		
11	74300980	Caution Plate 1	680012701		1		
12	74300979	Caution Plate 2	680012702		2		
13	74379098	Charging Mark	P360200003	JISB6015-80H	2		
15	74700596	Foot Switch Plate	6541167		1		
19	74300145	Legend Plate	0810649 B		8		
20	74376168	Legend Plate (PHNC)(EXP)	6017754		1		In Control Box
21	74379094	Sticker		AS-K1001-E	1		
23	74300125	Caution Plate	0820843		1		
24	74306424	Button Head Screw	P334500013	M6X10	4		
25	74716209	Toothed Washer	P336030004	B-6	4		
28	74300973	Caution Plate(3)	6018113		2		

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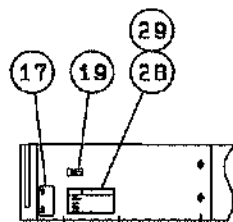


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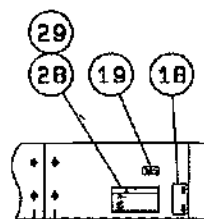


UNIT NO. 10
Frame(5)-2/3

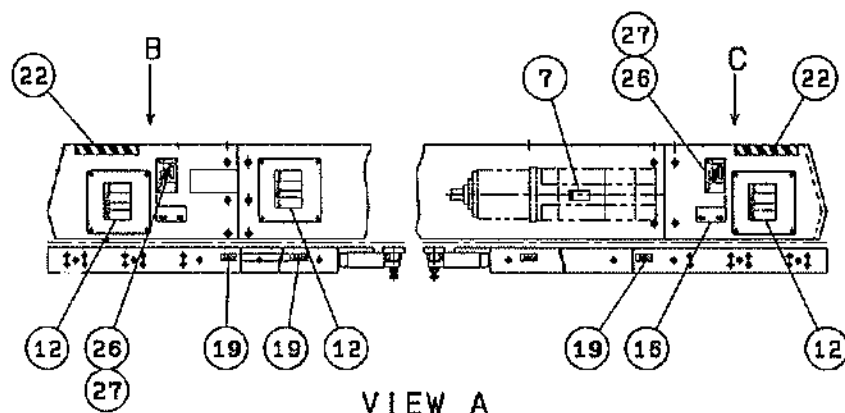
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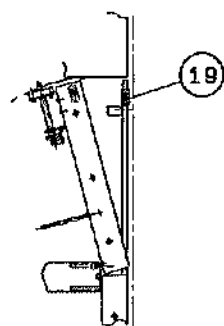
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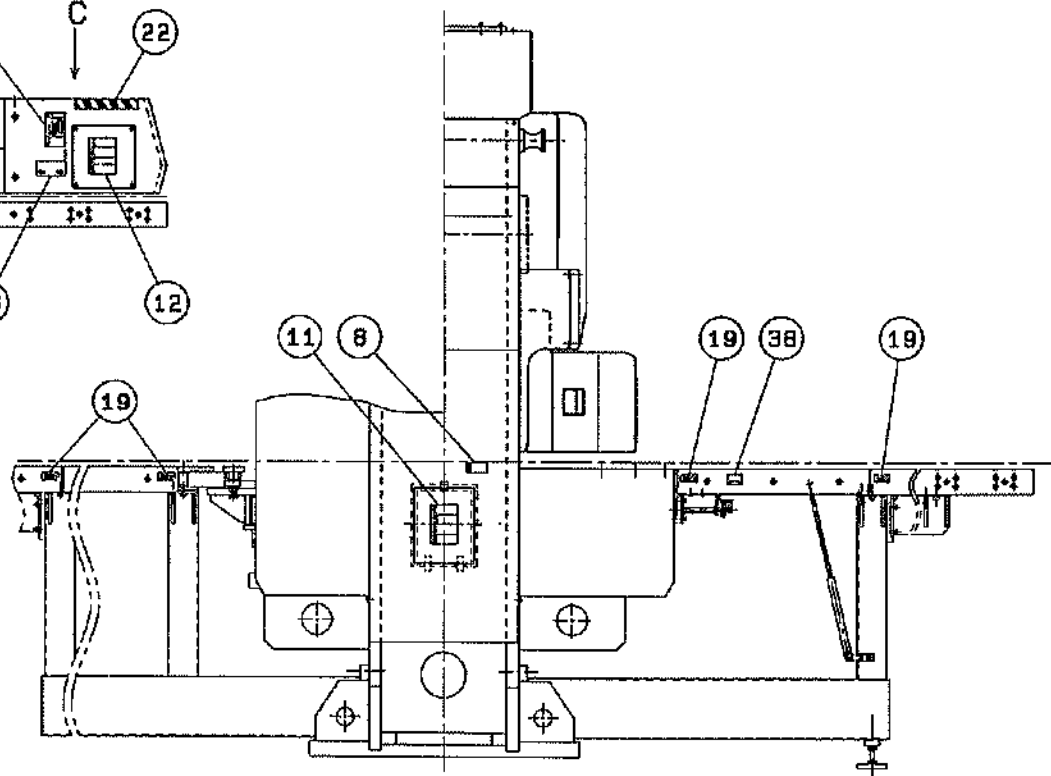
VIEW C



VIEW A



VIEW D



From Serial No. 35820055 and after

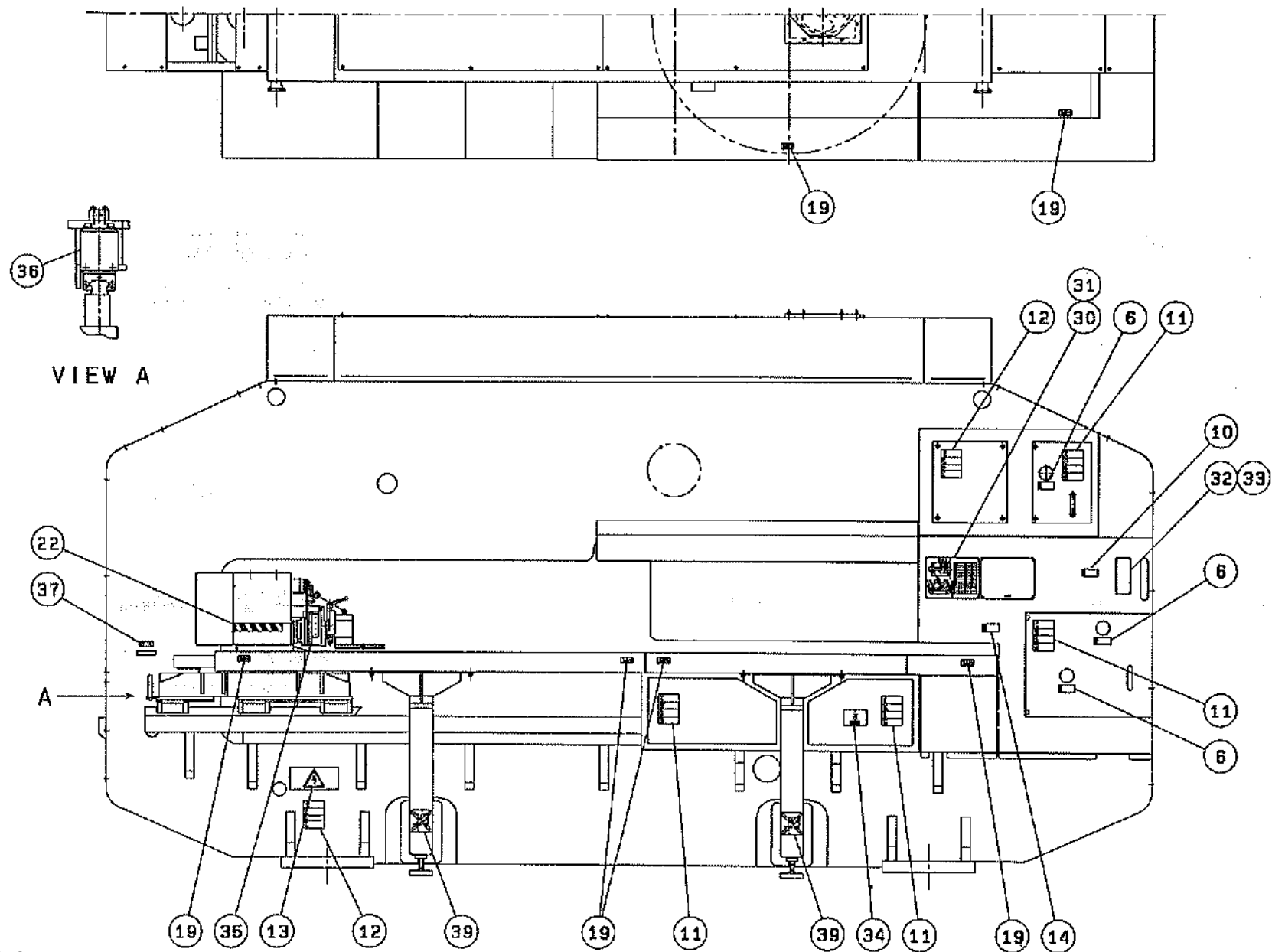
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7	74300488	X Axis Motor Plate	6502837		1		
8	74300489	T Axis Motor Plate	6502838		1		
11	74300980	Caution Plate 1	680012701		1		
12	74300979	Caution Plate 2	680012702		3		
16	74700584 (71450127)	X Axis Plate	1507335		2		
17	74700594	Y Axis Plate(2)	6541165		1		
18	74700583 (71350635)	Y Axis Plate	1500049 A		2		
19	74300145	Legend Plate	0810649 B		11		
22	74379099	Sticker		AS-K1006	2		
26	74300495	Caution Plate(1)	6018111		2		
27	74326603	Blind Rivet	P339208001	NTA3-2 (Nihon Riki)	8		
28	74300973	Caution Plate(3)	6018113		2		
29	74326603	Blind Rivet	P339208001	NTA3-2 (Nihon Riki)	12		
38	74300124	Legend Plate(Open)A	0811864		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
6	74300946	Piping Plate	6045138		3		
10	74300977	Sticker (C-axis Motor)	6502763		1		
11	74300980	Caution Plate 1	680012701		4		
12	74300979	Caution Plate 2	680012702		2		
13	74379098	Charging Mark	P360200003	JISB6015-80H	1		
14	74379102	Timing Belt Sticker	6534224		1		
19	74300145	Legend Plate	0810649 B		6		
22	74379099	Sticker		AS-K1006	1		
30	74379104	Lubricating Plate(Frame)	6577967		1		
31	74326603	Blind Rivet	P339208001	NTA3-2 (Nihon Riki)	4		
32	74379105	Lubricating Plate(Grease)	6578705		1		
33	74326603	Blind Rivet	P339208001	NTA3-2 (Nihon Riki)	4		
34	74300121	Caution Plate	0810618 A		1		
35	74722141	Legend Plate(X)	6533970		1		
36	74379103	Legend Plate(Y1)	6577960		1		
37	74379101	Legend Plate(Y2)	6533972		1		
39	74510416	Caution Plate(Do Not Lift)	0820851		2		

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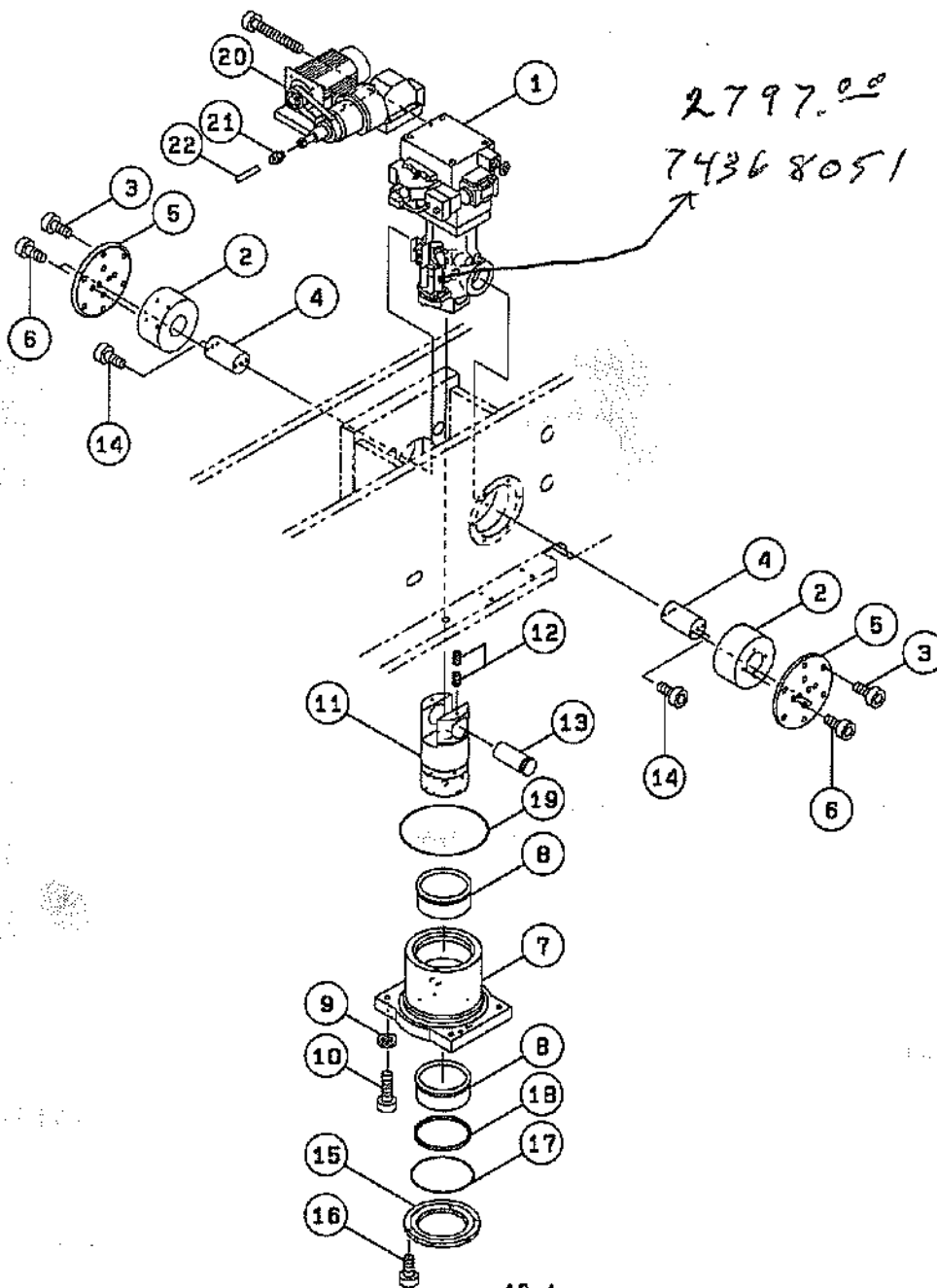
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UNIT NO. 12
Drive

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379110	Drive Unit	7834027 B		1		
2	74722396	Cylinder Bracket	6572844		2		
3	74302819 (74159710)	Hex Soc Cap Screw	P330250005	M12X30	12		
4	74722397	Cylinder Shaft	6572845 A		2		
5	74722398	Cylinder Plate	6572846 A		2		
6	74302819 (74159710)	Hex Soc Cap Screw	P330250005	M12X30	8		
7	74379106	Ram Guide	6530190 C		1		
8	74379107	Ram Guide Bushing	6530191		2		
9	74302325	Washer(M16)	0811632 A		4		
10	74374403	Hex Soc Cap Screw	P330263008	M16X55 (Unbrako)	4		
11	74379108	Ram	6570071		1		
12	74722740	Socket Set Screw	P330590024	M8X10(cup—end)	2		
13	74301520 (74159239)	Ram Pin	0821058		1		
14	74722712	Hex Soc Cap Screw	P330253003	M12X30 (Unbrako)	2		
15	74722107	Ram Guide Plate	6530192 C		1		
16	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
17	74723007	O Ring	P590010037		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379112	Wiper Ring	P590302042	USH-16518009 (NOK)	1		
19	74723008	O Ring	P590010046	G300	1		
20	74379109	Motor Valve Assy	7830308		1		
21	52314668	Instant Fitting	P586534006	EC10-PT1/8 (Nitta)	1		
22	74379111	Plastic Hose	P230242037	N2-4-10X8-5M (Nitta)	1		

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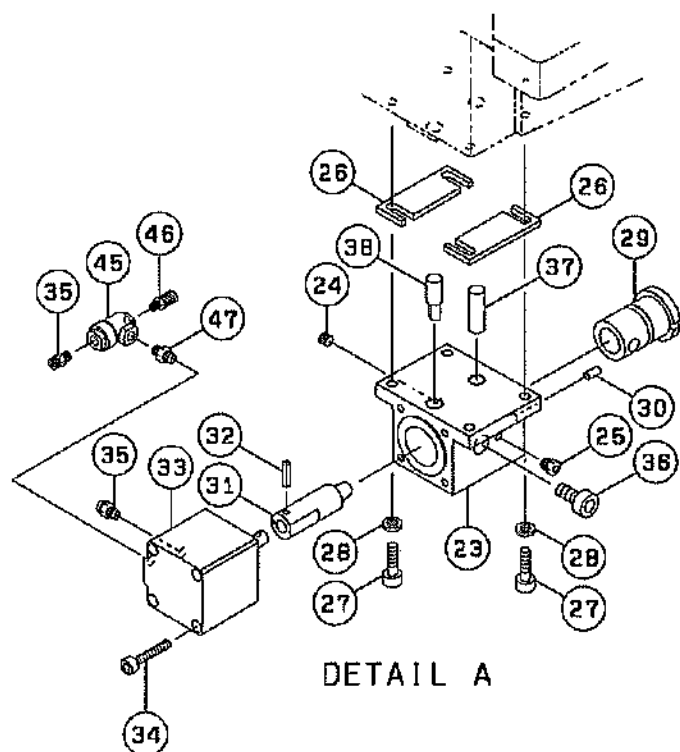
12-3



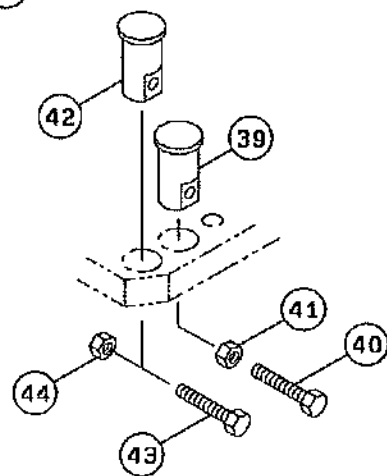


UNIT NO. 13
Turret(1)

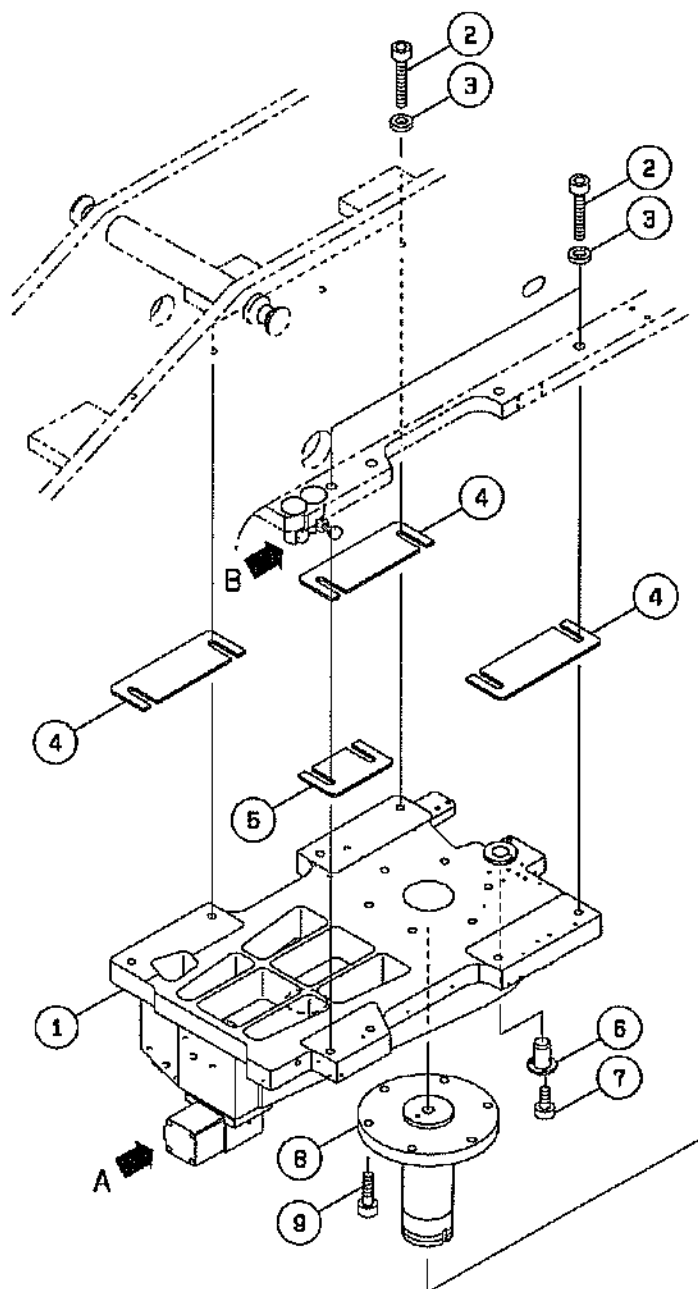
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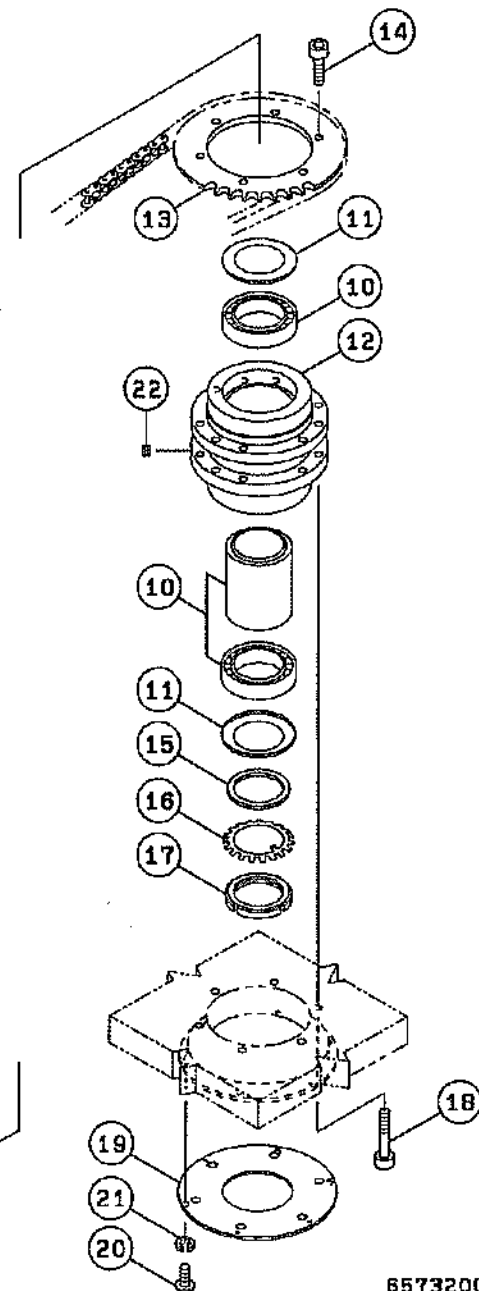
DETAIL A



DETAIL B



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6573200

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379129	Upper Base	6532611 B		1		
2	74535432	Hex Soc Cap Screw	P330273011	M20X90 (Unbrako)	8		
3	74301502	Washer	0821009 B		8		
4	74379113	Spacer(A)	6530292		3		
5	74379114	Spacer(B)	6530293		1		
6	74379115	Center Pin	6530294 B		1		
7	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	3		
8	74379116	Bearing Shaft(U)	6530295 B		1		
9	74379131	Hex Soc Cap Screw	P330273002	M20X40 (Unbrako)	6		
10	74379130	Ball Bearing Set	7830062 A		1		
11	74303127	Shield	P406188005	32024XAV (Fukuda)	2		
12	74379117	Bearing Housing(U)	6530296		1		
13	74379118	Driven Sprocket	6530297		1		
14	74379131	Hex Soc Cap Screw	P330273002	M20X40 (Unbrako)	6		
15	74379119	Collar	6530298		1		
16	74302507	Crown Nut	0811674		1		
17	74303123	Lock Washer	P406040019	AW-24	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379132	Hex Soc Cap Screw	P330273013	M20X110 (Unbrako)	6		
19	74379120	Cap	6530299 A		1		
20	74379133	Button Head Screw	P334503019	M8X15 (Unbrako)	6		
21	74300518	Spring Washer	P336050006	8	6		
22	74702340	Plug For Piping	P580208001	GM-1/8 (Gosho)	1		
23	74379121	Index Pin Housing	6530301 B		1		
24	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	1		
25	74722884	Bush For Piping	P580013001	M-1/4X1/8 (Ban)	1		
26	74379125	Spacer	6530305		2		
27	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	4		
28	74303703	Washer	0827014 B		4		
29	74379122	Index Pin Bushing	6530302		1		
30	74722789	Dowel Pin	P337054042	MS10-20 (Misumi)	1		
31	74379123	Index Pin	6530303 B		1		
32	74722785	Spring Pin	P337030080	8X30	1		
33	74722580	Thin Type Cylinder	7832248		1		
34	74722707	Hex Soc Cap Screw	P330243016	M10X100 (Unbrako)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	2		
36	74379124	Bolt	6530304		1		
37	74722791	Dowel Pin	P337058005	IDP20-60	1		
38	74379126	Diamond Pin	6530306		1		
39	74379127	Locating Pin	6530309		1		
40	44252632	Bolt	P330060033	M16X85(All Thread)	1		
41	74722745	Nut	P332000035	M16(Type-1)	1		
42	74379128	Locating Pin(L)	6530321		1		
43	44252632	Bolt	P330060033	M16X85(All Thread)	1		
44	74722745	Nut	P332000035	M16(Type-1)	1		
45	74379931	Air Pressure V	P553004005	QEV-8A (CKD)	1		
46	74379932	Silencer	P557038011	SLW-8A	1		
47	74304801	Nipple	P580020002	1/4	1		

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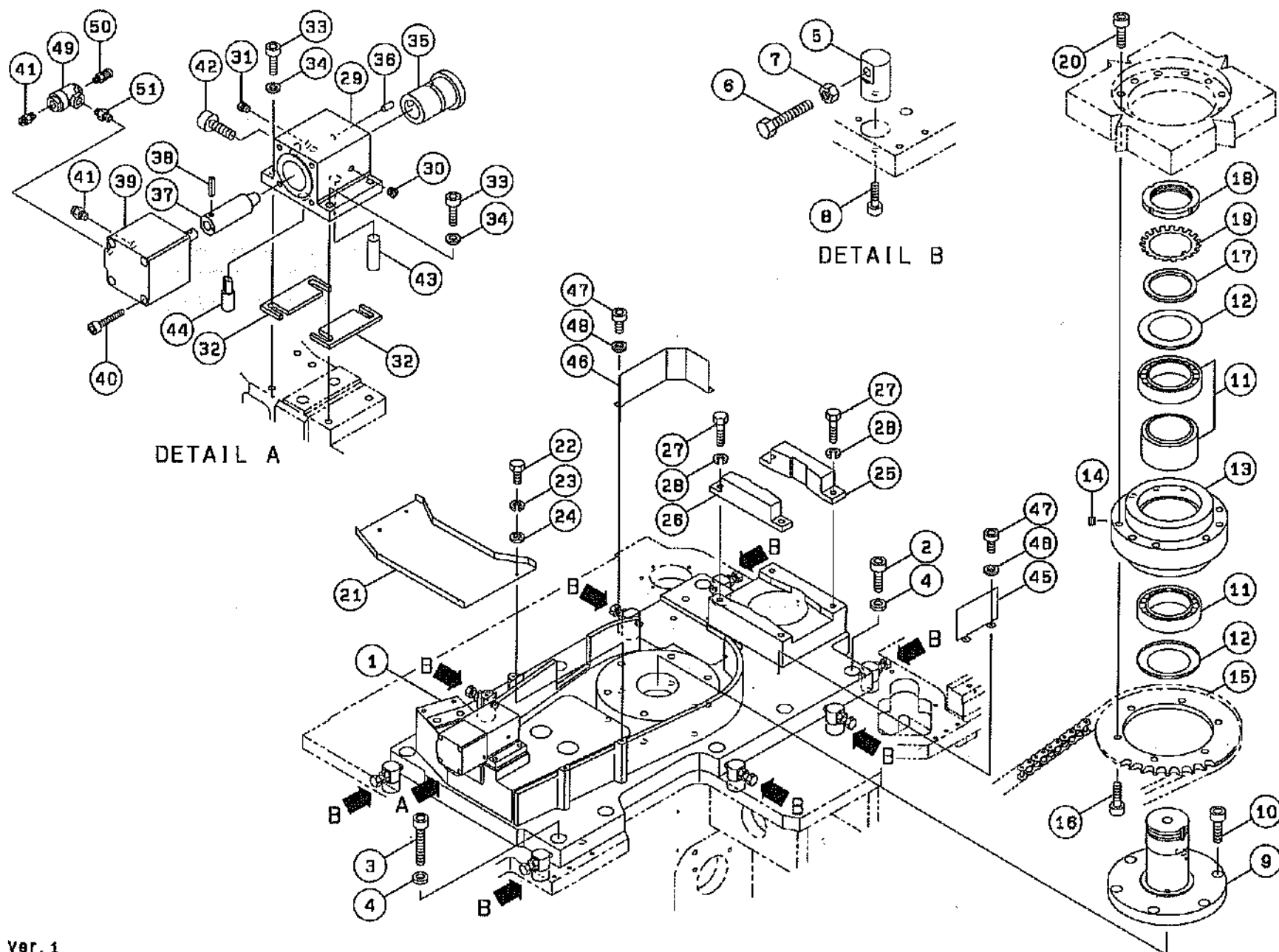


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UNIT NO. 14
Turret(2)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379137	Lower Base	6532613 A		1		
2	74379144	Hex Soc Cap Screw	P330273007	M20X65 (Unbrako)	9		
3	74302828	Hex Soc Cap Screw	P330273012	M20X100 (Unbrako)	1		
4	74301502	Washer	0821009 B		10		
5	74379134	Locating Pin(B)	6530312 A		8		
6	74311125	Bolt	P330060029	M16X75(all-thread)	8		
7	74722745	Nut	P332000035	M16(Type-1)	8		
8	74722711	Hex Soc Cap Screw	P330253002	M12X25 (Unbrako)	8		
9	74379135	Bearing Shaft(L)	6530313 B		1		
10	74379131	Hex Soc Cap Screw	P330273002	M20X40 (Unbrako)	6		
11	74379143	Ball Bearing Set	7830063 A		1		
12	74303127	Shield	P406188005	32024XAV (Fukuda)	2		
13	74379136	Bearing Housing(L)	6530314		1		
14	74702340	Plug For Piping	P580208001	GM-1/8 (Gosho)	1		
15	74379118	Driven Sprocket	6530297		1		
16	74379131	Hex Soc Cap Screw	P330273002	M20X40 (Unbrako)	6		
17	74379119	Collar	6530298		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74302507	Crown Nut	0811674		1		
19	74303123	Lock Washer	P406040019	AW-24	1		
20	74379145	Hex Soc Cap Screw	P330273009	M20X75 (Unbrako)	6		
21	74379138	Scrap Receiver	6532614		1		
22	10334618	Bolt	P330030004		4		
23	74300518	Spring Washer	P336050006	8	4		
24	74300511	Washer	P336000006	8(Regular Round)	4		
25	74379139	Disk Support(Front)	6532615		1		
26	74379140	Disk Support(Rear)	6532616		1		
27	52332204	Bolt	P330060019	M16X40	4		
28	74302902	Spring Washer	P336050010	16	4		
29	74379121	Index Pin Housing	6530301 B		1		
30	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	1		
31	74722884	Bush For Piping	P580013001	M-1/4X1/8 (Ban)	1		
32	74379125	Spacer	6530305		2		
33	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	4		
34	74303703	Washer	0827014 B		4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379122	Index Pin Bushing	6530302		1		
36	74722789	Dowel Pin	P337054042	MS10-20 (Misumi)	1		
37	74379123	Index Pin	6530303 B		1		
38	74722785	Spring Pin	P337030080	8X30	1		
39	74722580	Thin Type Cylinder	7832248		1		
40	74722707	Hex Soc Cap Screw	P330243016	M10X100 (Unbrako)	4		
41	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	2		
42	74379124	Bolt	6530304		1		
43	74722791	Dowel Pin	P337058005	IDP20-60	1		
44	74379126	Diamond Pin	6530306		1		
45	74379141	Scrap Guard(1)	6532617		1		
46	74379142	Scrap Guard(2)	6532618		1		
47	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
48	74302328	Washer	P336000005	6(Regular Round)	4		
49	74379931	Air Pressure V	P553004005	QEV-8 (CKD)	1		
50	74379932	Silencer	P557038011	SLW-8A	1		
51	74304801	Nipple	P580020002	1/4	1		

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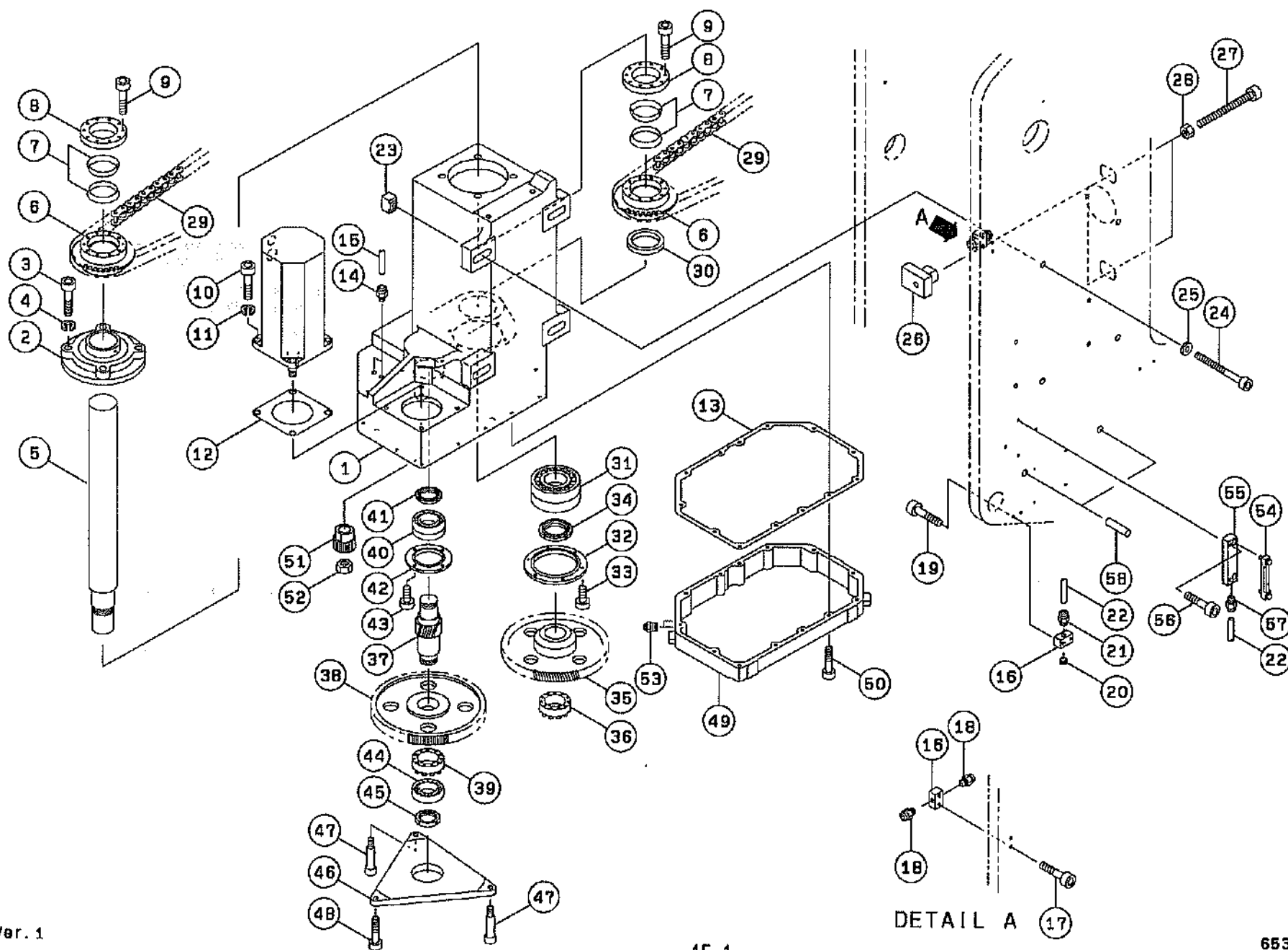
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UNIT NO. 15
Turret(3)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379146	T-axis Gear Box(Upper)	6530331 D		1		
2	74379163	Bearing Unit	7830073 A		1		
3	74535431	Hex Soc Cap Screw	P330273010	M20X80 (Unbrako)	4		
4	74302903	Spring Washer	P336050012	20	4		
5	74379148	Driving Shaft	6530333 B		1		
6	74379149	Driving Sprocket	6530334 A		2		
7	74379175	Shaft Clamp Element	P432304005	PL080X091E (Tubakimoto)	2		
8	74379150	Flange	6530335 A		2		
9	74300562	Hex Soc Cap Screw	P330233010	M8X40 (Unbrako)	20		
10	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	4		
11	74301615	Spring Washer	P336050008	12	4		
12	74379151	Packing(A)	6530337		1		
13	74379152	Packing(B)	6530338 B		1		
14	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	2		
15	74379169	Plastic Hose	P230242018	N2-4-10X8-1M (Nitta)	2		
16	74379158	Piping Block	6530348		2		
17	74300550	Hex Soc Cap Screw	P330233012	M8X50 (Unbrako)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	2		
19	74300550	Hex Soc Cap Screw	P330233012	M8X50 (Unbrako)	2		
20	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	1		
21	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	1		
22	74379169	Plastic Hose	P230242018	N2-4-10X8-1M (Nitta)	2		
23	74379157	Slide Nut	6530346		4		
24	45421118	Hex Soc Cap Screw	P330260046	M16X115	4		
25	74302325	Washer(M16)	0811632 A		4		
26	74722109	Tension Block	6530347 A		2		
27	74379170	Hex Soc Cap Screw	P330260062	M16X150(All Thread)	2		
28	78180815 (44253012)	Nut	P332000022	M16(Type-3)	2		
29	74379164	Roller Chain	7830076		1		
30	74379178	Oil Seal	P590112026	TC08010513 (NOK)	1		
31	74379165	Complex Bearing	7830105		1		
32	74379159	Bearing Retainer (A)	6530349		1		
33	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	6		
34	74379174	Locknut	P406168023	FU13SC (Fuji Seimi)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379156	Driven Gear	6530342 A		1		
36	74379176	Shaft Clamp Element	P432304006	PL060X090 (Tubakimoto)	1		
37	74379155	Gear Shaft	6530341 B		1		
38	74379154	Middle Gear	6530340 A		1		
39	74379176	Shaft Clamp Element	P432304006	PL060X090 (Tubakimoto)	1		
40	74379166	Complex Bearing	7830106		1		
41	74379173	Locknut	P406168015	FU10SC (Fuji Seimi)	1		
42	74379160	Bearing Retainer (B)	6530350		1		
43	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
44	74379167	Ball Bearing	7830107		1		
45	74379173	Locknut	P406168015	FU10SC (Fuji Seimi)	1		
46	74379162	Plate	6530352 A		1		
47	74379172	Shoulder Screw	P338134009	MSB13-40 (Misumi)	2		
48	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	1		
49	74379147	T-axis Gear Box(Lower)	6530332 B		1		
50	74300550	Hex Soc Cap Screw	P330233012	M8X50 (Unbrako)	13		
51	74379153	Drive Gear	6530339 A		1		

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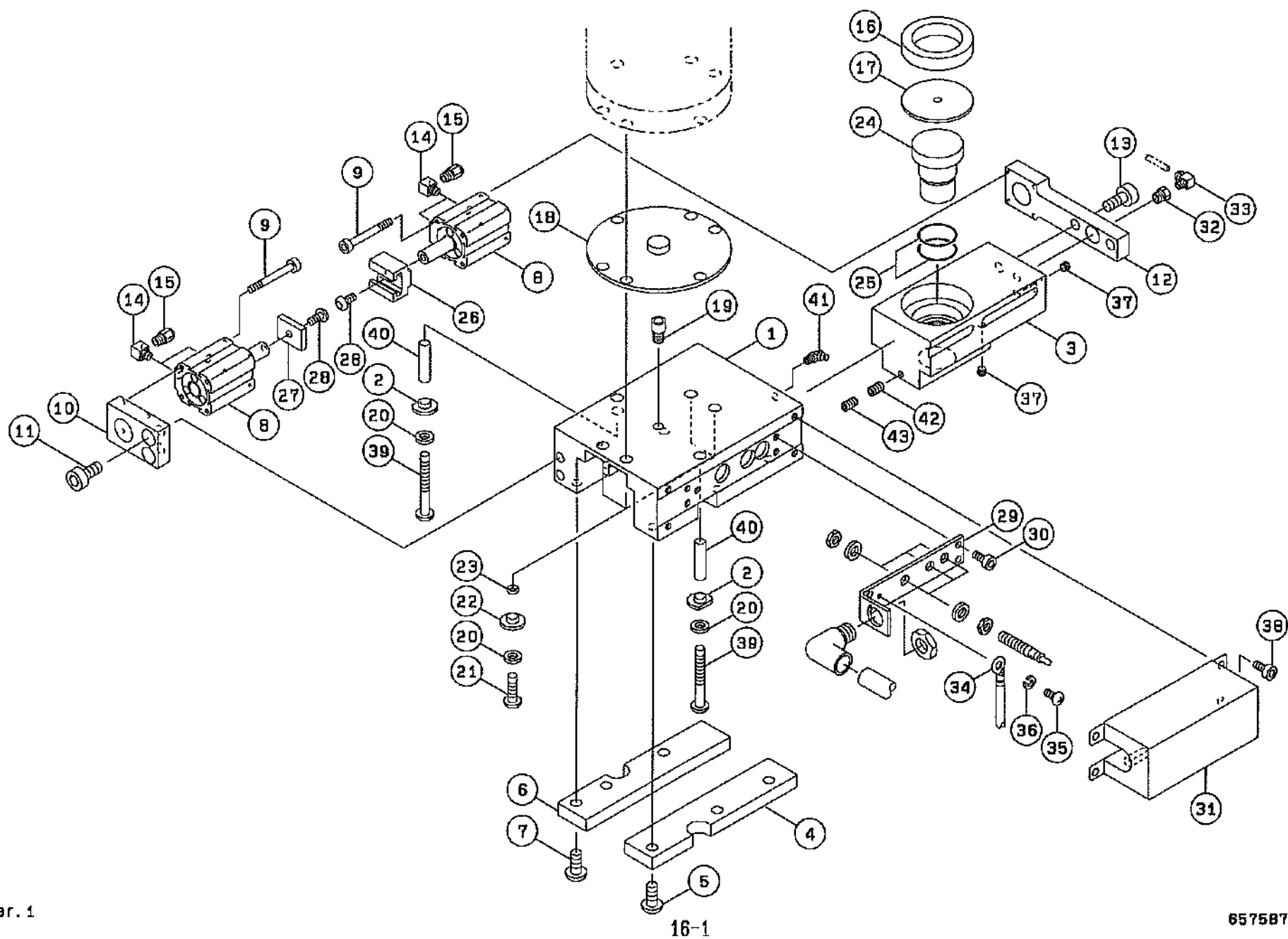


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UNIT NO. 16
Turret(4)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379180	Punch Holder Guide	6575872 A		1		
2	74722456	Washer(B)	6575879		2		
3	74379179	Punch Holder	6575871 C		1		
4	74722454	Guide Rail(F)	6575876		1		
5	74722761	Button Head Screw	P334513015	M12X20LOC-WEL (Unbrako)	3		
6	74379181	Guide Rail(R)	6575877		1		
7	74722761	Button Head Screw	P334513015	M12X20LOC-WEL (Unbrako)	4		
8	74722858	Air Cylinder	P550012087	CQ2B40-40DF (SMC)	2		
9	10443004	Hex Soc Cap Screw	P330213015	M5X70 (Unbrako)	8		
10	74722457	Cylinder Bracket	6575881		1		
11	74722715	Hex Soc Cap Screw	P330253030	M12X20LOC-WEL (Unbrako)	2		
12	74722458	Punch Holder Bracket	6575882		1		
13	74722714	Hex Soc Cap Screw	P330253029	M12X25LOC-WEL (Unbrako)	2		
14	74722911	Elbow	P580058001	GPL-61 (Chiyoda)	4		
15	74351914	Instant Fitting	P586534002	EC6-PT1/8 (Nitta)	4		
16	74722452	Backup Plate	6575873 B		1		
17	74721966	Shear Plate	6048199		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74302623	Ram Isolating Plate	0822035 B		1		
19	74379182	Locating Pin	6575880		1		
20	74306022	Washer	0827013 B		6		
21	74716054	Button Head Screw	P334513006	M10X40LOC-WEL (Unbrako)	4		
22	74722455	Washer(A)	6575878		4		
23	74302805	Collar(S)	0822053		4		
24	74722453	Punch	6575875 A		1		
25	74723012	O Ring	P590032034	S42 (NOK)	2		
26	74722459	Bracket(A)	6575883		1		
27	74722460	Bracket(B)	6575884		1		
28	74304818	Button Head Screw	P334513003	M8X15LOC-WEL (Unbrako)	2		
29	74722462	Proximity Switch Bracket	6575886 A		1		
30	74722705	Hex Soc Cap Screw	P330233024	M8X14LOC-WEL (Unbrako)	4		
31	74379183	Proximity Switch Box	6575885 A		1		
32	74379185	Nipple	P580028005	2040-02 (YA)	1		
33	74379186	Bite Type Fitting	P585565019	L-6X4-PT1/8-SUS (Junron)	1		
34	74723045	Solderless Terminal	P869200017	R1.25-6	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74722759	Button Head Screw	P334513008	M6X10LOC-WEL (Unbrako)	1		
36	74300517	Spring Washer	P336050005	6	1		
37	74722926	Plug For Piping	P580208020	GDL-1/8 (Gosho)	2		
38	74722705	Hex Soc Cap Screw	P330233024	M8X14LOC-WEL (Unbrako)	4		
39	74379184	Button Head Screw	P334512001	M10X90LOC-WEL (Techno)	2		
40	74302804	Collar(L)	0822052		2		
41	74318223	Grease Nipple	P560600006	B-PT1/8	1		
42	74514312	Ball Screw	P338112003	BP-6-H (JEC)	1		
43	74305505	Socket Set Screw	P330550027	M6X12(flat-end)	1		

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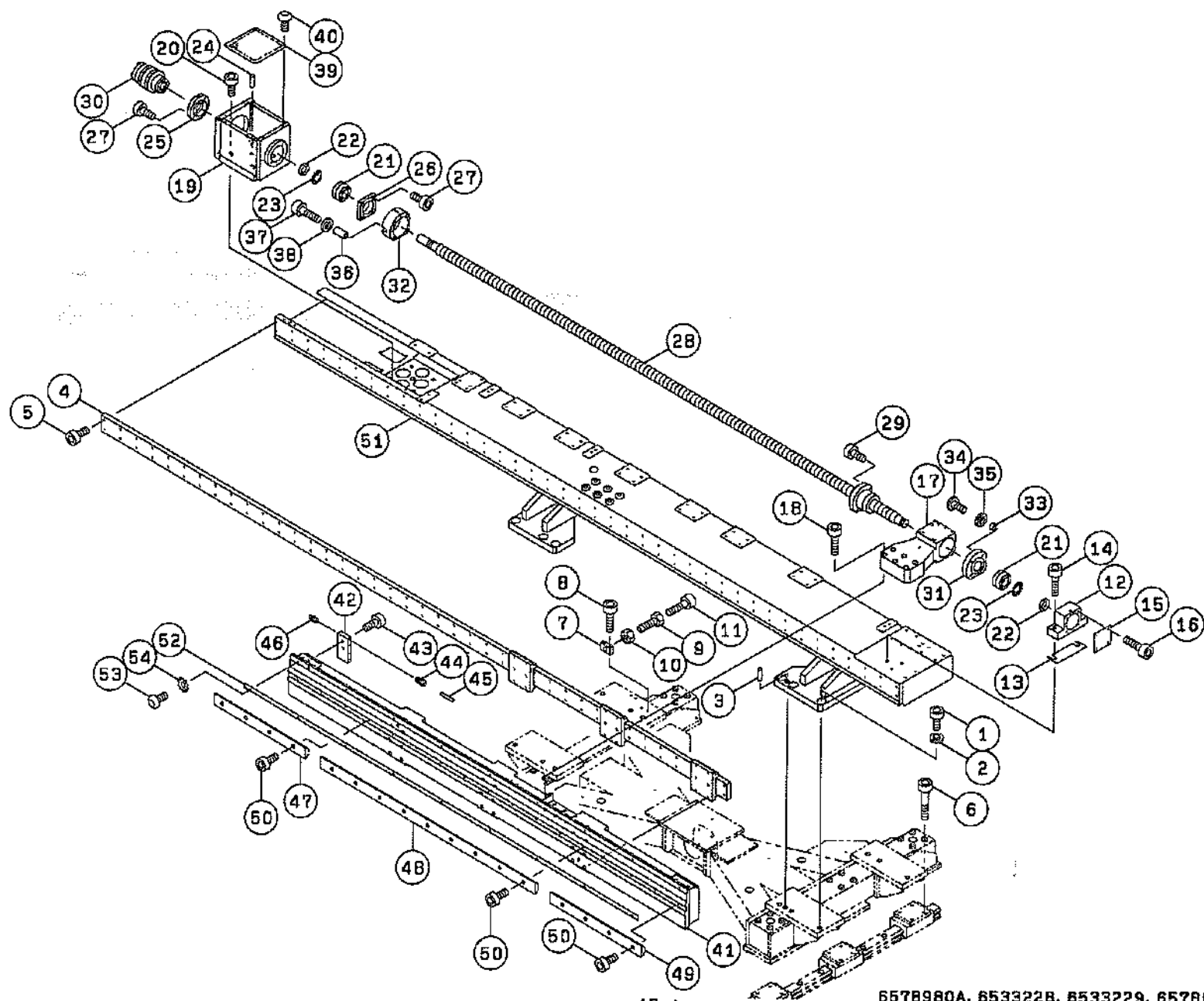


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UNIT NO. 17
Slide

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74535334	Hex Soc Cap Screw	P330263007	M16X50 (Unbrako)	12		
2	74303705	Washer(M16)	6012794		12		
3	74379203	Parallel Pin	P337020082	A-16X45	1		
4	74379197	LM Guide(X)	7830196 B		1		
5	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	80		
6	74379201	Hex Soc Cap Screw	P330243021	M10X140 (Unbrako)	24		
7	74379187	Adjusting Plate(B)	6530403 B		1		
8	74300562	Hex Soc Cap Screw	P330233010	M8X40 (Unbrako)	2		
9	74379188	Adjustable Bolt	6530428		1		
10	74302906	Nut	P332000009	M16	1		
11	36334825	Hex Soc Cap Screw	P330233017	M8X75 (Unbrako)	1		
12	74722110	Bearing Holder	6530397 B		1		
13	74722115	Shim	6530417		1		
14	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	2		
15	74722113	Bearing Holder Cap	6530406 A		1		
16	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	4		
17	74379192	X-axis Nut Bracket	6573244 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379202	Hex Soc Cap Screw	P330253010	M12X65 (Unbrako)	6		
19	74722112	Motor Bracket	6530399 B		1		
20	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	4		
21	74304932	Complex Bearing	P404024003	7206CDB/GNP4 (NTN)	2		
22	74305002	Locknut	P406030005	AN-06	2		
23	74305007	Lock Washer	P406040005	AW-06	2		
24	74379203	Parallel Pin	P337020082	A-16X45	1		
25	74722116	Bearing Retainer	6530418 A		1		
26	74721870	X-axis Bearing Retainer	0823107 A		1		
27	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	8		
28	74379198	Ball Screw(X)	7830232		1		
29	74535116	Hex Soc Cap Screw	P330233008	M8X30 (Unbrako)	4		
30	74703748	Coupling	7830069		1		
31	74722117	Damper (X-BH)	6530419 A		1		
32	74722118	Damper (X-BS)	6530420 A		1		
33	74722119	Collar(S)	6530423		4		
34	74300624	Button Head Screw	P334500015	M6X15	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74302328	Washer	P336000005	6(Regular Round)	4		
36	74722120	Collar(L)	6530424		1		
37	74319102	Hex Soc Cap Screw	P330223011	M6X30 (Unbrako)	1		
38	74302328	Washer	P336000005	6(Regular Round)	1		
39	74722121	Motor Cover	6530425		1		
40	74306424	Button Head Screw	P334500013	M6X10	4		
41	74379191	Carriage	6573243 E		1		
42	74722129	Lubricating Block(X)	6532656		1		
43	74302818	Hex Soc Cap Screw	P330230008	M8X30	2		
44	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	8		
45	74379199	Plastic Hose	P230214015	AX-1206-4M (Aoi)	1		
46	74304826	Grease Nipple	P560600004	A-PT1/8	4		
47	74379193	Guide Plate(A)	6573247 A		1		
48	74379194	Guide Plate(B)	6573248 A		1		
49	74379195	Guide Plate(C)	6573249 A		1		
50	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	17		
51	74379196	Carriage Base Assy	6578982#1A		1		

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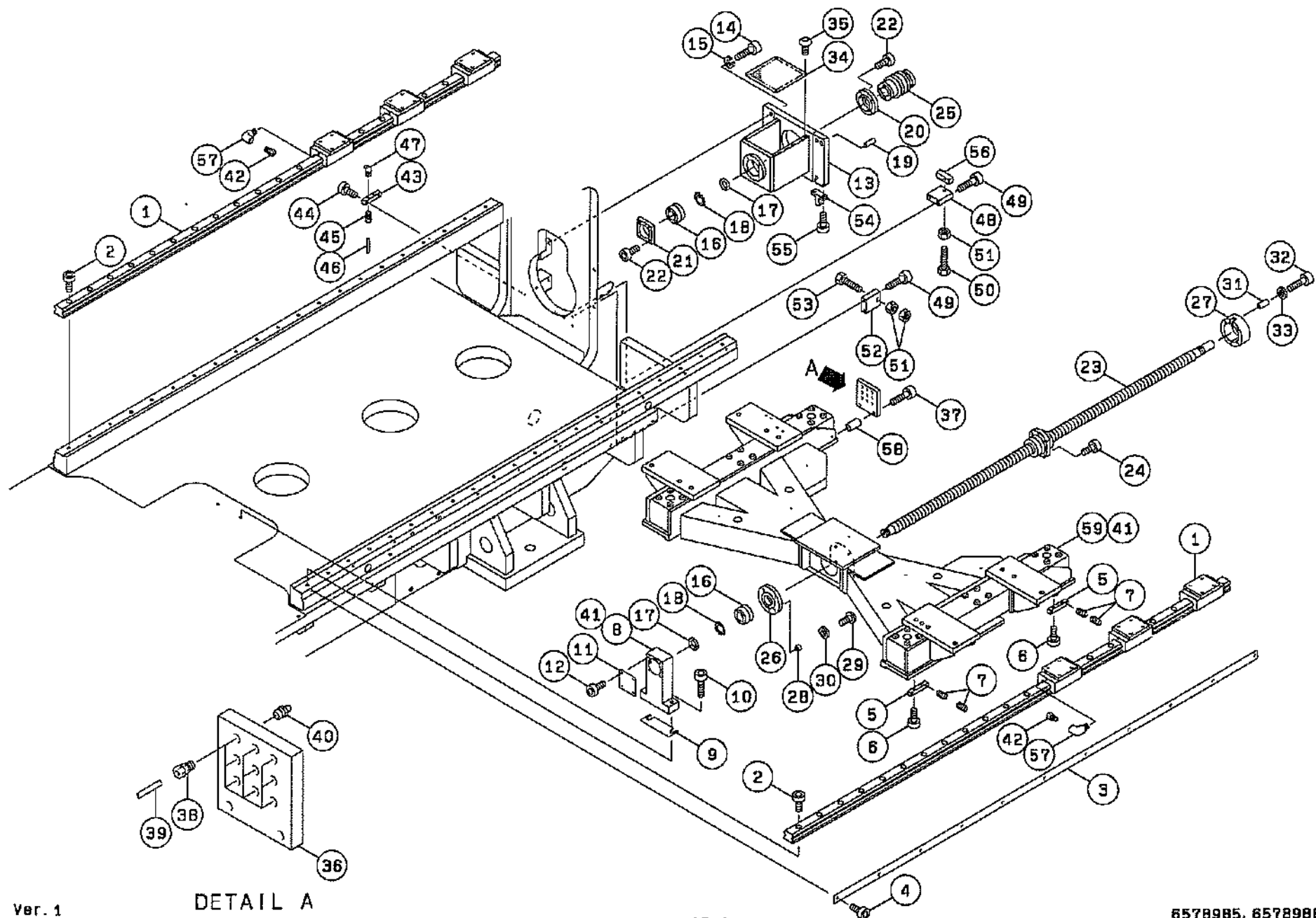
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UNIT NO. 18
Y-axis

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379218	LM Guide(Y)	7830166 A		2		
2	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	42		
3	74379206	Stopper Plate	6530415		1		
4	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	11		
5	74379205	LM Stopper	6530401 A		2		
6	74535116	Hex Soc Cap Screw	P330233008	M8X30 (Unbrako)	4		
7	74722740	Socket Set Screw	P330590024	M8X10(cup-end)	8		
8	74379212	Bearing Holder(Y)	6572116		1		
9	74722115	Shim	6530417		1		
10	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	2		
11	74722113	Bearing Holder Cap	6530406 A		1		
12	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	4		
13	74379211	Motor Bracket	6572111		1		
14	74535128	Hex Soc Cap Screw	P330253007	M12X50 (Unbrako)	4		
15	74301615	Spring Washer	P336050008	12	4		
16	74304932	Complex Bearing	P404024003	7206CDB/GNP4 (NTN)	2		
17	74305002	Locknut	P406030005	AN-06	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74305007	Lock Washer	P406040005	AW-06	2		
19	74379203	Parallel Pin	P337020082	A-16X45	2		
20	74722116	Bearing Retainer	6530418 A		1		
21	74721870	X-axis Bearing Retainer	0823107 A		1		
22	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	8		
23	74379219	Ball Screw(Y)	7830249		1		
24	74535116	Hex Soc Cap Screw	P330233008	M8X30 (Unbrako)	4		
25	74703748	Coupling	7830069		1		
26	74379207	Damper (Y-BH)	6530421 A		1		
27	74379208	Damper (Y-BS)	6530422 A		1		
28	74722119	Collar(S)	6530423		4		
29	74722758	Button Head Screw	P334503016	M6X15 (Unbrako)	4		
30	74302328	Washer	P336000005	6(Regular Round)	4		
31	74722120	Collar(L)	6530424		1		
32	74319102	Hex Soc Cap Screw	P330223011	M6X30 (Unbrako)	1		
33	74302328	Washer	P336000005	6(Regular Round)	1		
34	74722121	Motor Cover	6530425		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74722757	Button Head Screw	P334503014	M6X10 (Unbrako)	4		
36	74379210	Lubricating Block(Y1)	6532658		1		
37	74300554	Hex Soc Cap Screw	P330223014	M6X45 (Unbrako)	2		
38	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	9		
39	74379220	Plastic Hose	P230214014	AX-1204-10M (Aoi)	1		
40	74304826	Grease Nipple	P560600004	A-PT1/8	9		
41	74722933	Bite Type Fitting	P585536006	ML-2061 (Aoi)	2		
42	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	7		
43	74379209	Lubricating Block(Y2)	6530505 A		1		
44	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	2		
45	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	2		
46	74379221	Plastic Hose	P230214026	AX-1204-3.5M (Aoi)	1		
47	10323014	Grease Nipple	P560600007	C-PT1/8	2		
48	74379213	Adjusting Block(1)	6572119		1		
49	78180217 (36147138)	Hex Soc Cap Screw	P330240019	M10X85	4		
50	44252524	Bolt	P330040015	M10X60(All Tread)	1		
51	75420649	Nut	P332000032	M10(Type-1)	3		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
52	74379214	Adjusting Block(2)	6572120		1		
53	11139523	Bolt	P330040022	M10X80(All Tread)	1		
54	74379215	Adjusting Block(3)	6572121		1		
55	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	2		
56	74379216	Adjusting Block(4)	6572122		1		
57	74722907	Elbow	P580056001	DAV-01-01 (Aoi)	6		
58	74379204	Retainer	0821913 A		2		
59	74379217	Support Bracket	6578986		1		

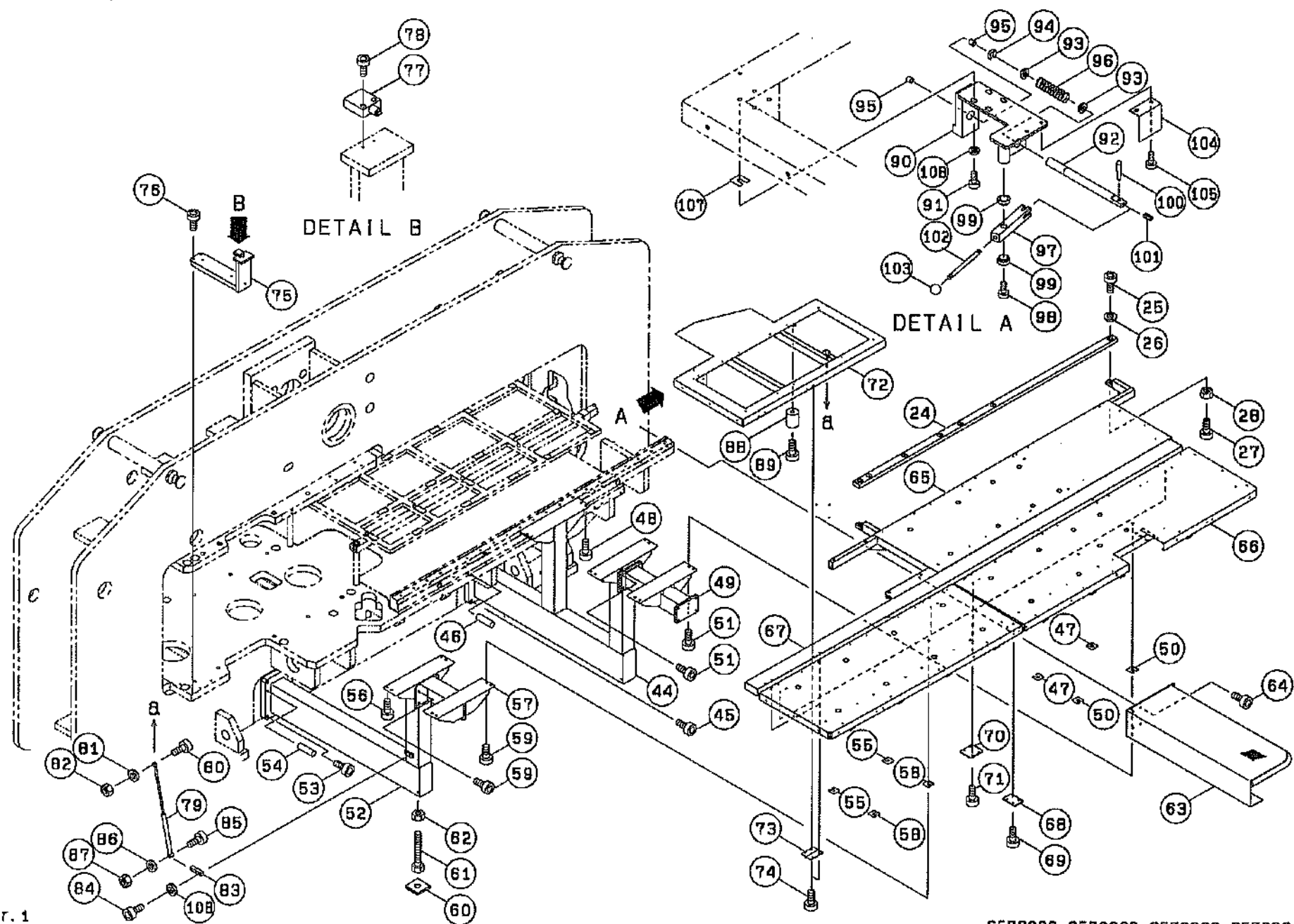


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
24	74379231	LM Guide Cover Base	6578999		1		
25	74300607	Hex Soc Cap Screw	P330230007	M8X25	2		
26	74320005	Washer	8470203		2		
27	74379232	Adjusting Bolt	6579000		2		
28	74722745	Nut	P332000035	M16(Type-1)	2		
44	74379233	Sub Guide Arm (F1)	6579001 A		1		
45	74304952	Hex Soc Cap Screw	P330260032	M16X40	4		
46	74379248	Parallel Pin	P337020182	B-13X40	2		
47	74379241	Shim	6579009 A		2		
48	74302820	Hex Soc Cap Screw	P330250006	M12X35	8		
49	74379235	Side Arm(F1)	6579003 A		1		
50	74379241	Shim	6579009 A		1		
51	74302820	Hex Soc Cap Screw	P330250006	M12X35	8		
52	74379234	Sub Guide Arm (F2)	6579002 A		1		
53	74304952	Hex Soc Cap Screw	P330260032	M16X40	4		
54	74379248	Parallel Pin	P337020182	B-13X40	2		
55	74379241	Shim	6579009 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
56	74302820	Hex Soc Cap Screw	P330250006	M12X35	4		
57	74379236	Side Arm(F2)	6579004 A		1		
58	74379241	Shim	6579009 A		1		
59	74302820	Hex Soc Cap Screw	P330250006	M12X35	8		
60	74379237	Sub Guide Arm Base	6579005		2		
61	86630754	Bolt	P330060064	M16X70(All Thread)	2		
62	74722745	Nut	P332000035	M16(Type-1)	2		
63	74379228	Plate	6532696		1		
64	74301631	Hex Soc Cap Screw	P330250003	M12X20	4		
65	74379238	Side Table Base(FC)	6579006 A		1		
66	74379239	Side Table Base(FF)	6579007		1		
67	74379240	Side Table Base(FR)	6579008		1		
68	74379242	Joint(A)	6579010 A		1		
69	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
70	74379243	Joint(B)	6579011 A		4		
71	74300606	Hex Soc Cap Screw	P330230006	M8X20	16		
72	74379244	Table Base	6579017 B		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
73	74722430	Hinge	6572959		2		
74	74300606	Hex Soc Cap Screw	P330230006	M8X20	8		
75	74379245	Lock Pin Bracket	6579019		1		
76	74304917	Hex Soc Cap Screw	P330250007	M12X40	2		
77	74308319	Limit Switch	P828003012	14CE3-3J (Yamatake)	1		
78	75168220	Hex Soc Cap Screw	P330210006		2		
79	74379222	Gas Spring		50VX3	1		
80	71360280	Shoulder Screw	P338134013	MSB8-15 (Misumi)	1		
81	74302328	Washer	P336000005	6(Regular Round)	1		
82	75420647	Nut	P332000030	M6(Type-1)	1		
83	74379247	Gas Spring Bracket	6579381		1		
84	74301627	Hex Soc Cap Screw	P330230009	M8X35	2		
85	74379250	Shoulder Screw	P338134019	MSB8-30 (Misumi)	1		
86	74302328	Washer	P336000005	6(Regular Round)	1		
87	75420647	Nut	P332000030	M6(Type-1)	1		
88	71360198	Rubber Support	P229102019	C-30-RK-3225 (Takigen)	1		
89	74314402	Hex Soc Cap Screw	P330200022	M4X25	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
90	74379246	Lock Pin Holder	6579021 A		1		
91	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
92	74379225	Lock Pin	6532162		1		
93	74314206	Washer	P336000010	16(Regular Round)	2		
94	74305213	Locating Snap Ring	P406108039	STW-16 (Ochiai)	1		
95	10319405	Plain Bearing	P407003030	MB1615DU (Daido)	2		
96	74379229	Spring	6532754		1		
97	74379226	Lever	6532163		1		
98	74379249	Shoulder Screw	P338134014	MSB10-25 (Misumi)	1		
99	74379224	DU Bushing		MB100B-18FDU (Daido Meta)	2		
100	74379223	Straight Pin		D6X20(Type-A)	1		
101	36180564	Socket Set Screw	P330590013		1		
102	74304652 (74161205)	Lever	0813209		1		
103	74305628	Knob	P317264014	PC25X8B (Imao)	1		
104	74379227	Stopper	6532164		1		
105	74302812	Hex Soc Cap Screw	P330220003	M6X10	2		
107	74379230	Shim	6578968		1		

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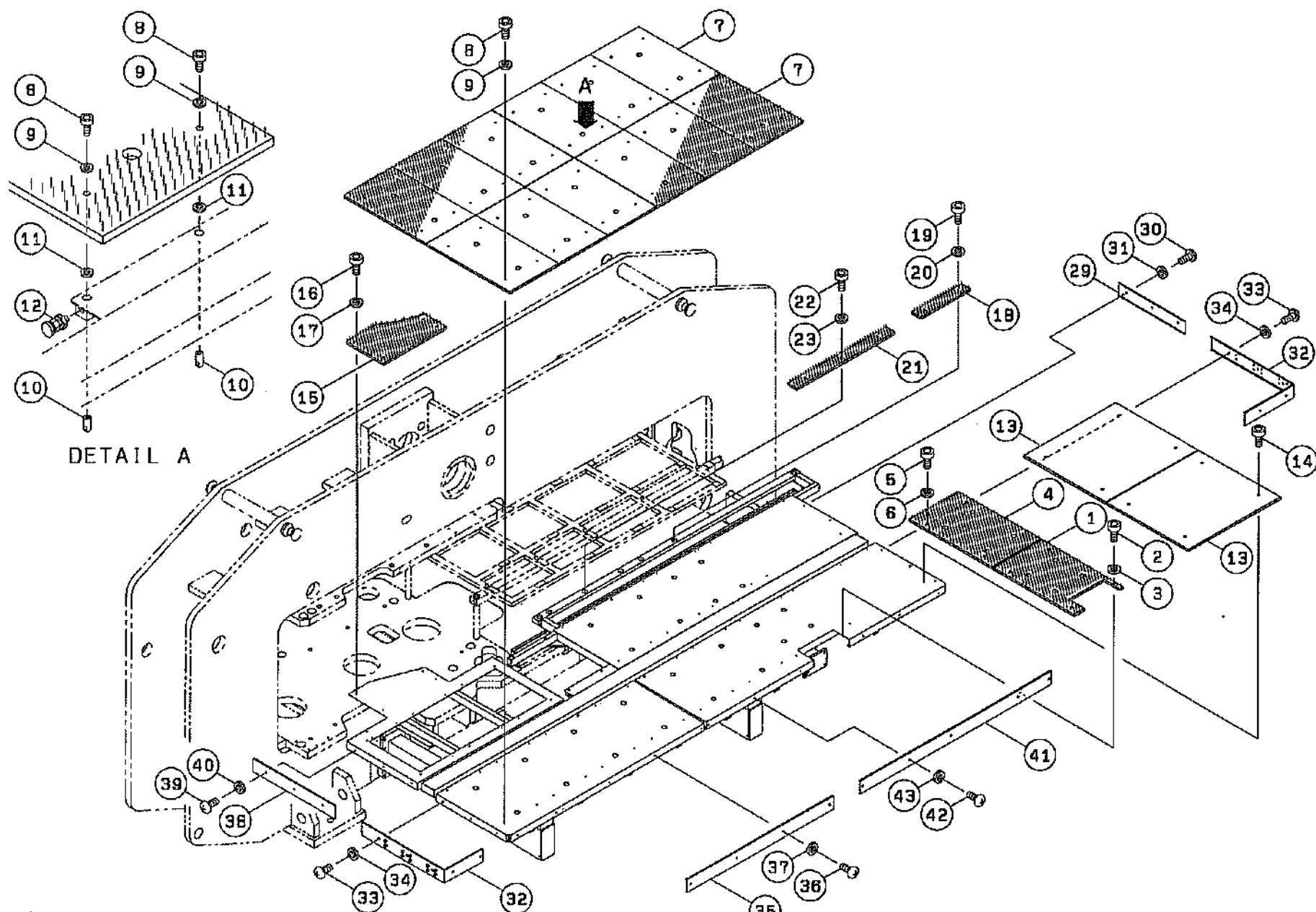


From Serial No. 35820055 and after

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From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379252	Brush(F1)	6578993		1		
2	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
3	74302328	Washer	P336000005	6(Regular Round)	4		
4	74379253	Brush(F2)	6578994		1		
5	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
6	74302328	Washer	P336000005	6(Regular Round)	4		
7	74379254	Brush(F3)	6578995		12		
8	74300604	Hex Soc Cap Screw	P330220006	M6X15	48		
9	74302328	Washer	P336000005	6(Regular Round)	48		
10	74379258	Pin	6579012 A		4		
11	74300511	Washer	P336000006	8(Regular Round)	4		
12	74379251	Index Plunger		PXYK10 (Misumi)	1		
13	74379257	Cover Table	6578998		2		
14	74379265	Hex Soc Cap Screw	P330498009	GT-LA-M6X10 (Gosho)	8		
15	74379263	Brush(K)	6579018		1		
16	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
17	74302328	Washer	P336000005	6(Regular Round)	4		

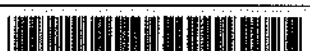
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379255	Brush(Y1)	6578996		1		
19	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
20	74302328	Washer	P336000005	6(Regular Round)	2		
21	74379256	Brush(Y2)	6578997		1		
22	74300604	Hex Soc Cap Screw	P330220006	M6X15	3		
23	74302328	Washer	P336000005	6(Regular Round)	3		
29	74379259	Side Cover(A)	6579013		1		
30	75420658	Button Head Screw	P334500017	M8X10	3		
31	74300511	Washer	P336000006	8(Regular Round)	3		
32	74379260	Side Cover(B)	6579014		2		
33	75420658	Button Head Screw	P334500017	M8X10	10		
34	74300511	Washer	P336000006	8(Regular Round)	10		
35	74379261	Side Cover(C)	6579015		1		
36	75420658	Button Head Screw	P334500017	M8X10	4		
37	74300511	Washer	P336000006	8(Regular Round)	4		
38	74379262	Side Cover(D)	6579016		1		
39	75420658	Button Head Screw	P334500017	M8X10	3		

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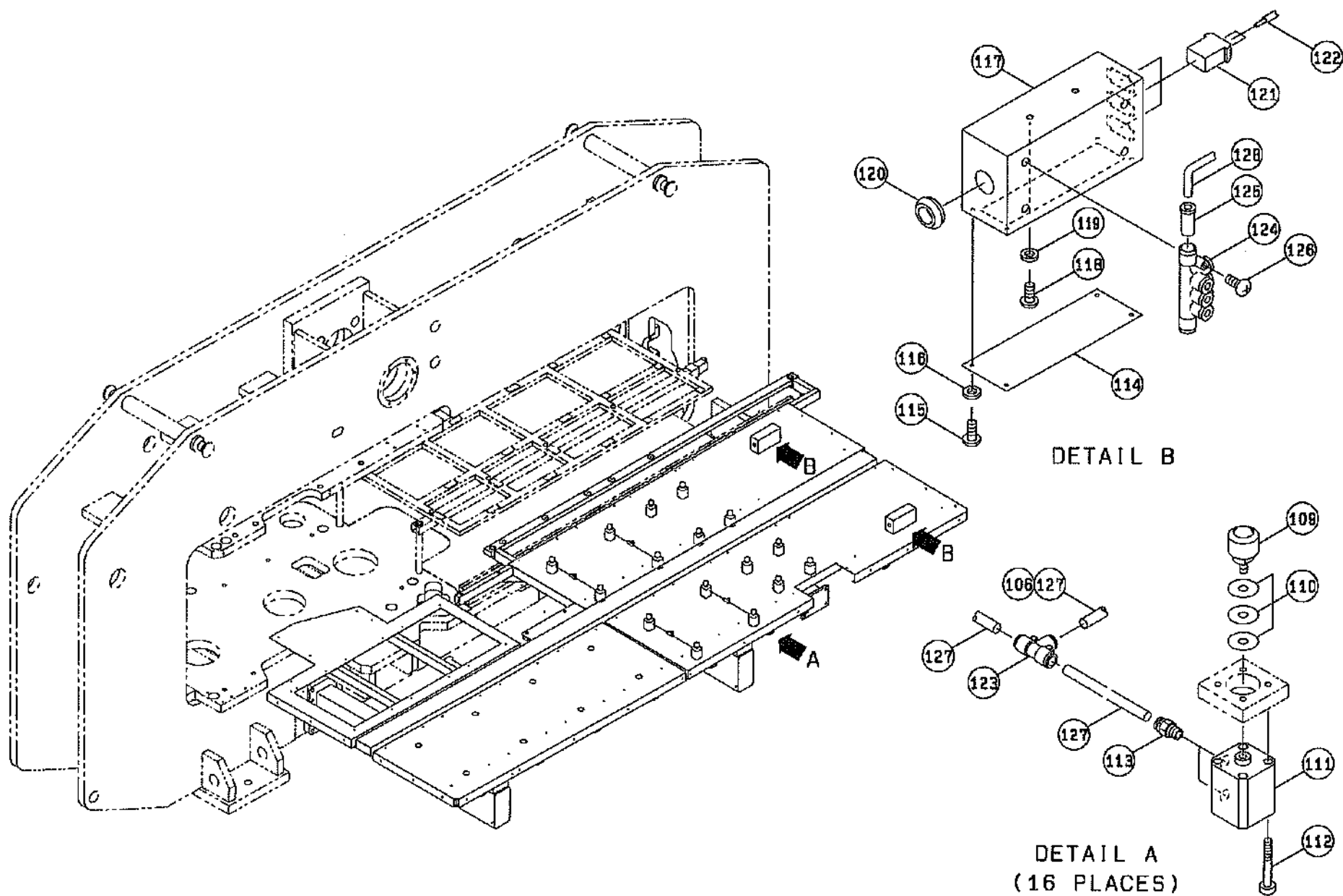
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From Serial No. 35820055 and after

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
106	74379273	Cable Band	P381058050	1763	8		
109	74379270	Free Bearing	7830287		1		
110	74379272	Washer	P336000074	6(Polished Round) T=1.0	3		
111	74379274	Air Cylinder	P550006022	SSD-L-25-15-T5H3-H (CKD)	1		
112	74304903	Hex Soc Cap Screw	P330210015	M5X50	4		
113	74379266	Instant Fitting		GZS6-M5	2		
114	74379268	Cap	6573309		1		
115	10343017	Pan Head Screw	P334100002	M3X5	4		
116	74722764	Washer	P336000002	3(Small Round)	4		
117	74379269	Junction Box	6579023		1		
118	10566114	Pan Head Screw	P334100015	M4X5	2		
119	74716205	Washer	P336000003	4(Small Round)	2		
120	52314019	Bush For Cable	P229112034	C-30-SG-20A (Takigen)	1		
121	71139539	Rectangle Connector	P862042025	1-480701-0 (AMP)	3		
122	74306812	Plug Type Terminal	P862142001	350550-1 (AMP)	9		
123	74379267	Tee		GZT6-0 (CKD)	4		
124	74379276	Instant Fitting	P586568047	GZMF610-0-W (CKD)	4		

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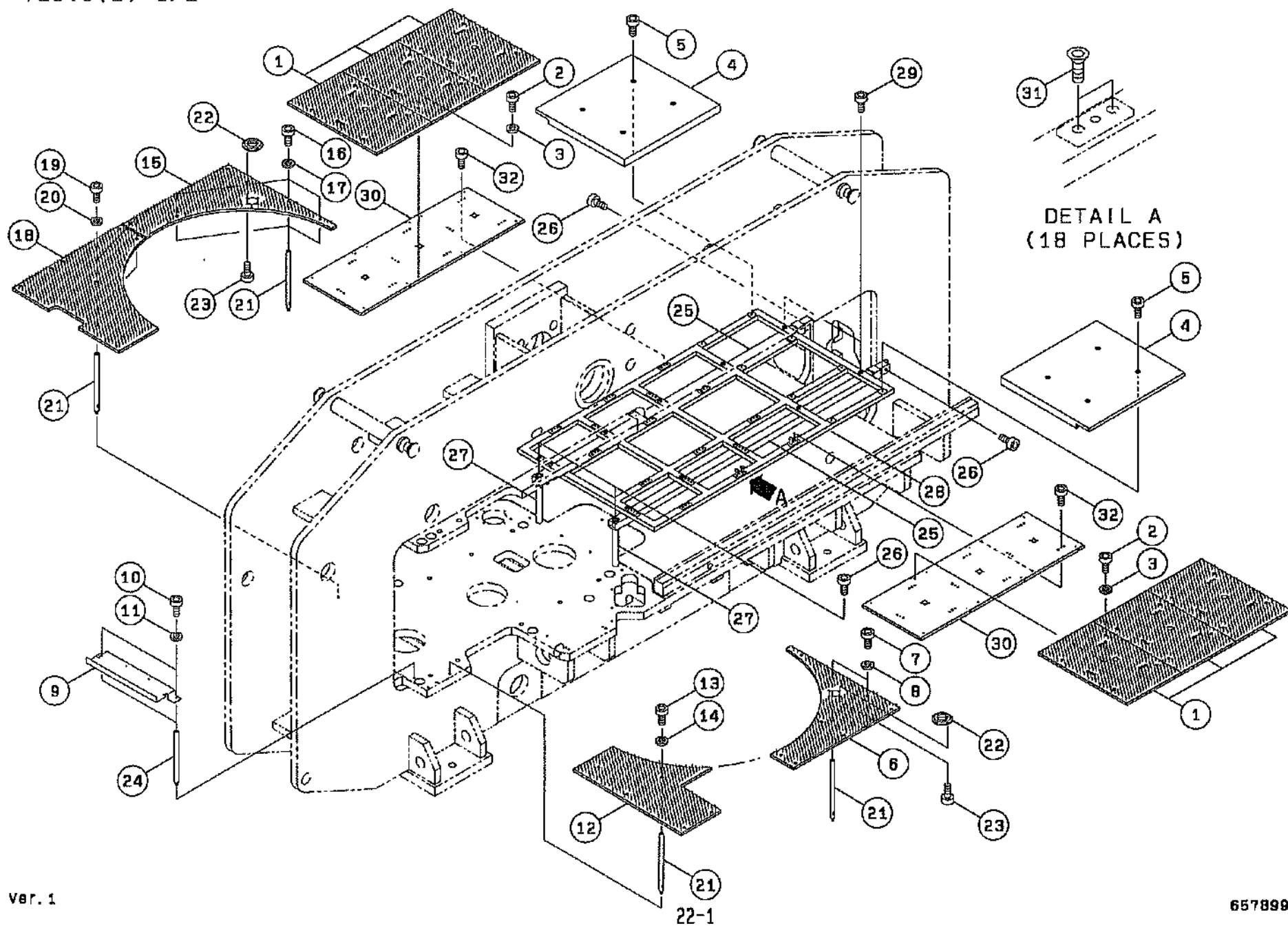


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UNIT NO. 22
Table(2)-1/2

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379287	Brush(G)	6579028		6		
2	74300604	Hex Soc Cap Screw	P330220006	M6X15	24		
3	74302328	Washer	P336000005	6(Regular Round)	24		
4	74379284	Cover Table(C)	6573524 B		2		
5	74304909	Hex Soc Cap Screw	P330230010	M8X40	8		
6	74379285	Brush(H)	6573532		1		
7	74300604	Hex Soc Cap Screw	P330220006	M6X15	8		
8	74302328	Washer	P336000005	6(Regular Round)	8		
9	74379278	Brush Base Bracket	6533918		1		
10	75168508	Hex Soc Cap Screw	P330220011	M6X25	2		
11	74302328	Washer	P336000005	6(Regular Round)	2		
12	74379288	Brush(J)	6579029		1		
13	74300604	Hex Soc Cap Screw	P330220006	M6X15	5		
14	74302328	Washer	P336000005	6(Regular Round)	5		
15	74379289	Brush(K)	6579073		1		
16	74300604	Hex Soc Cap Screw	P330220006	M6X15	5		
17	74302328	Washer	P336000005	6(Regular Round)	5		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379290	Brush(L)	6579074 A		1		
19	74300604	Hex Soc Cap Screw	P330220006	M6X15	7		
20	74302328	Washer	P336000005	6(Regular Round)	7		
21	74379283	Stud(B)	6573314 A		8		
22	74379286	Support Ring	6573538		2		
23	74300604	Hex Soc Cap Screw	P330220006	M6X15	8		
24	74379277	Stud(C Table)	6533907		2		
25	74379279	Center Table Base(A)	6573310		2		
26	74304914	Hex Soc Cap Screw	P330250010	M12X55	4		
27	74379282	Stud(A)	6573313 A		2		
28	74379280	Center Table Base(B)	6573311 A		1		
29	74304909	Hex Soc Cap Screw	P330230010	M8X40	10		
30	74379281	Center Brush Base	6573312 A		2		
31	74379291	Flat Head Bolt	P334520028	M10X30	36		
32	74314411	Hex Soc Cap Screw	P330230012	M8X50	18		

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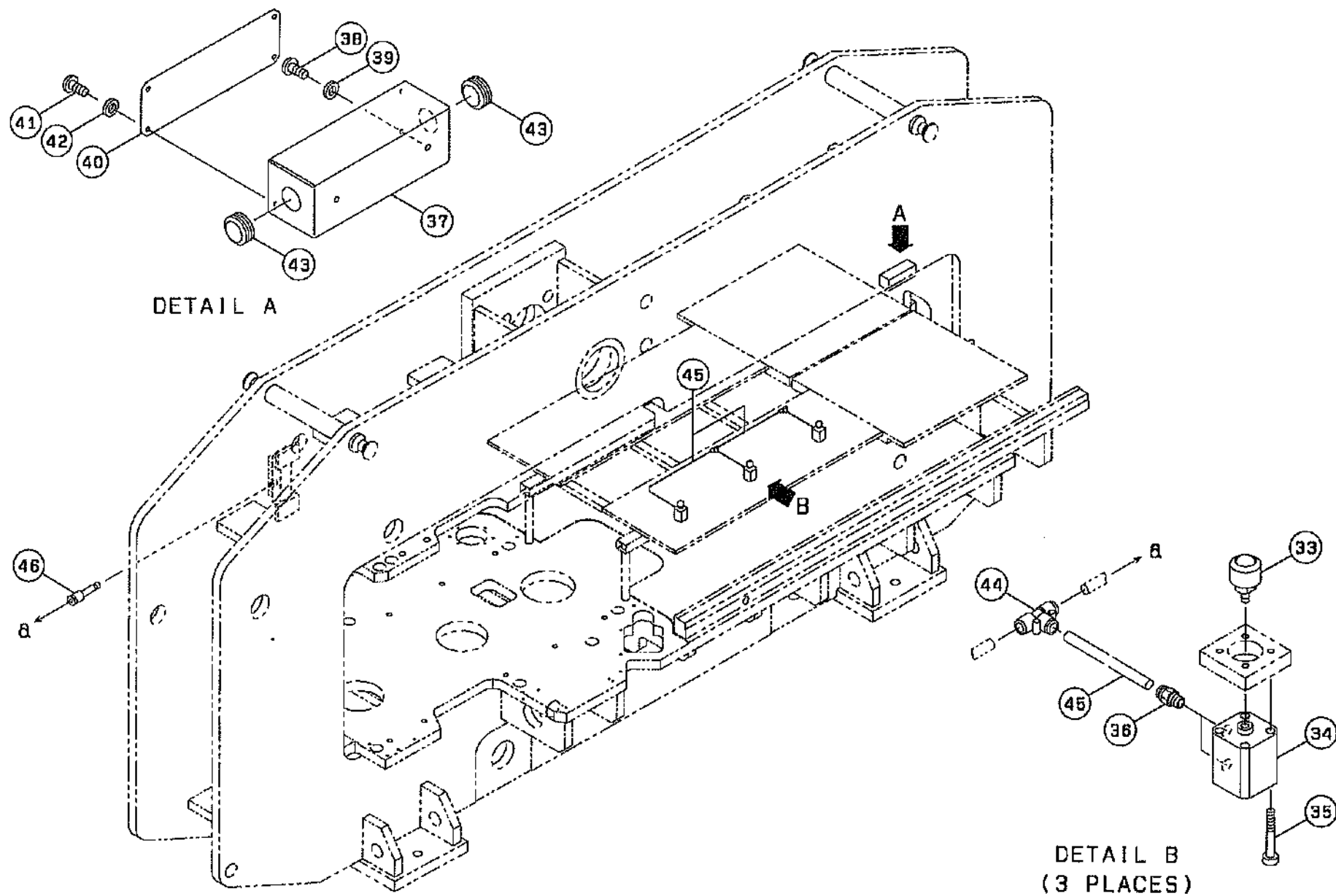
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UNIT NO. 23
Table(2)-2/2

From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
33	74379270	Free Bearing	7830287		3		
34	74379274	Air Cylinder	P550006022	SSD-L-25-15-T5H3-H (CKD)	3		
35	74304903	Hex Soc Cap Screw	P330210015	M5X50	12		
36	74379266	Instant Fitting		GZS6-M5 (CKD)	6		
37	74379292	Junction Box	6573308		1		
38	10566114	Pan Head Screw	P334100015	M4X5	2		
39	74716205	Washer	P336000003	4(Small Round)	2		
40	74379268	Cap	6573309		1		
41	10343017	Pan Head Screw	P334100002	M3X5	4		
42	74722764	Washer	P336000002	3(Small Round)	4		
43	52314019	Bush For Cable	P229112034	C-30-SG-20A (Takigen)	2		
44	74338327	Instant Fitting	P586604012	EUT6 (Nitta)	6		
45	74379293	Plastic Hose	P230222060	N2-4-6X4-11M (Nitta)	1		

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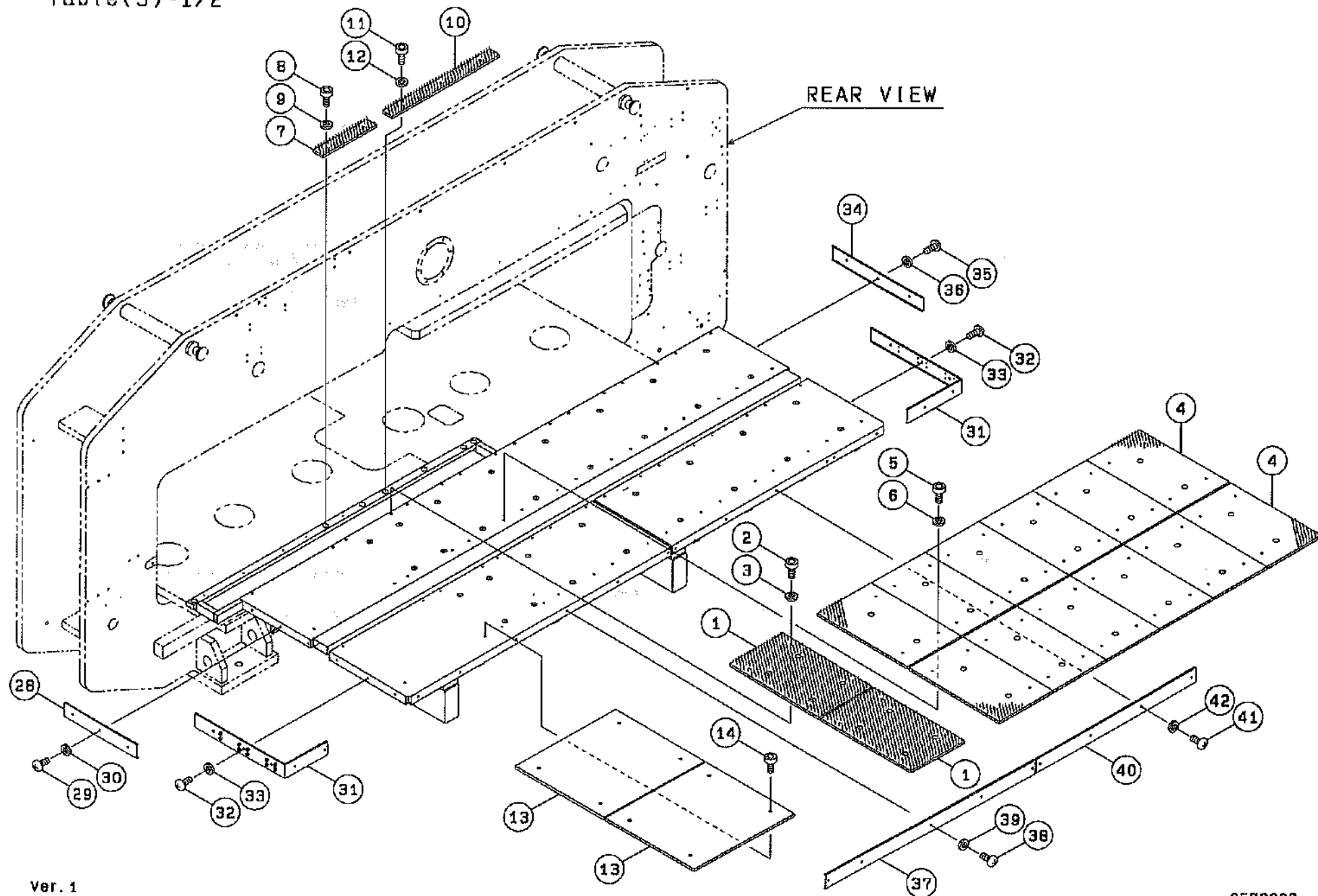


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UNIT NO. 24
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From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379253	Brush(F2)	6578994		2		
2	74300604	Hex Soc Cap Screw	P330220006	M6X15	8		
3	74302328	Washer	P336000005	6(Regular Round)	8		
4	74379254	Brush(F3)	6578995		12		
5	74300604	Hex Soc Cap Screw	P330220006	M6X15	48		
6	74302328	Washer	P336000005	6(Regular Round)	48		
7	74379255	Brush(Y1)	6578996		1		
8	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
9	74302328	Washer	P336000005	6(Regular Round)	2		
10	74379256	Brush(Y2)	6578997		1		
11	74300604	Hex Soc Cap Screw	P330220006	M6X15	3		
12	74302328	Washer	P336000005	6(Regular Round)	3		
13	74379257	Cover Table	6578998		2		
14	74379265	Hex Soc Cap Screw	P330498009	GT-LA-M6X10 (Gosho)	8		
28	74379259	Side Cover(A)	6579013		1		
29	75420658	Button Head Screw	P334500017	M8X10	3		
30	74300511	Washer	P336000006	8(Regular Round)	8		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
31	74379260	Side Cover(B)	6579014		2		
32	75420658	Button Head Screw	P334500017	M8X10	10		
33	74300511	Washer	P336000006	8(Regular Round)	10		
34	74379262	Side Cover(D)	6579016		1		
35	75420658	Button Head Screw	P334500017	M8X10	3		
36	74300511	Washer	P336000006	8(Regular Round)	3		
37	74379264	Side Cover(E)	6579022		1		
38	75420658	Button Head Screw	P334500017	M8X10	3		
39	74300511	Washer	P336000006	8(Regular Round)	3		
40	74379261	Side Cover(C)	6579015		2		
41	75420658	Button Head Screw	P334500017	M8X10	3		
42	74300511	Washer	P336000006	8(Regular Round)	3		

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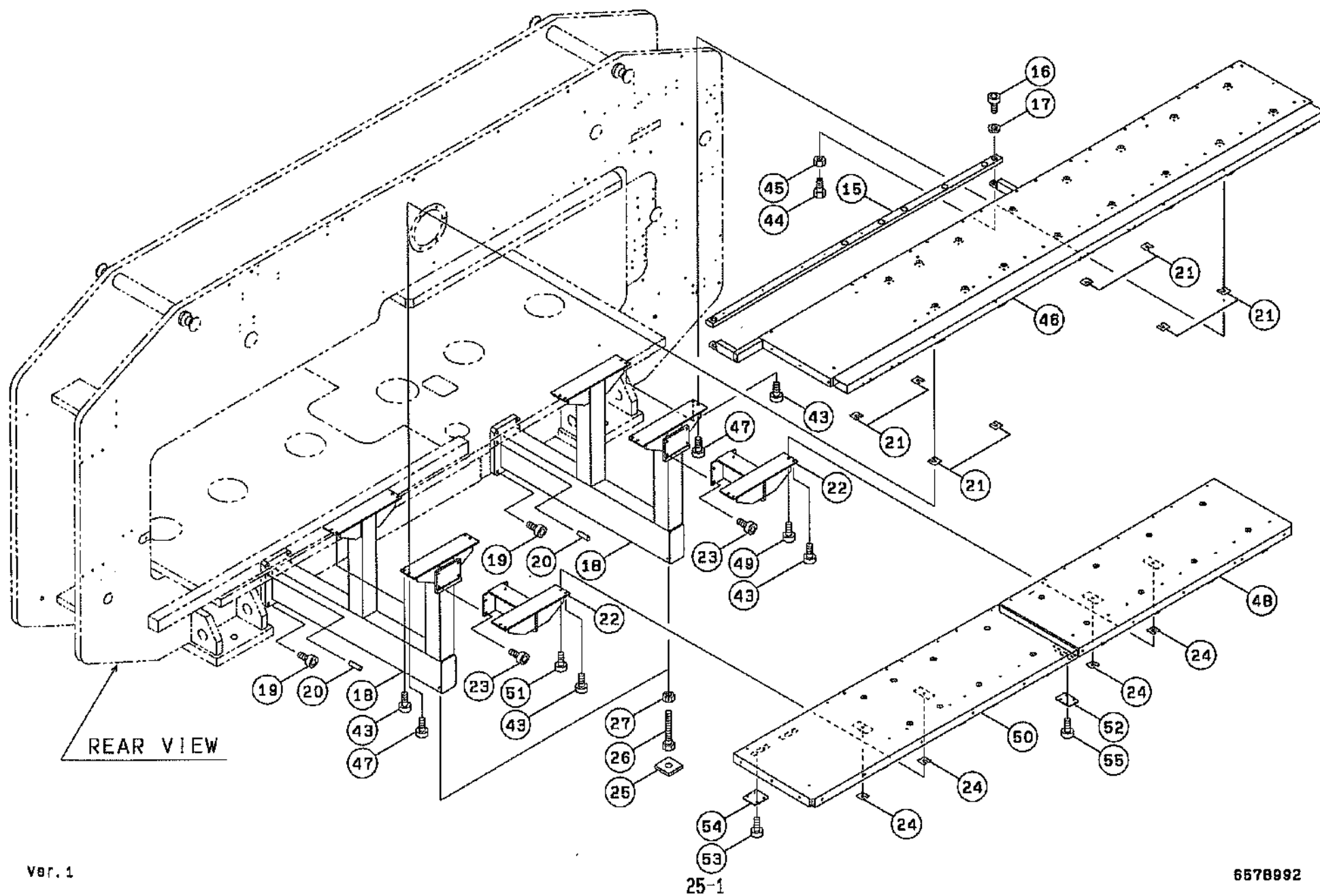


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UNIT NO. 25
Table(3)-2/2

From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
15	74379231	LM Guide Cover Base	6578999		1		
16	74300607	Hex Soc Cap Screw	P330230007	M8X25	2		
17	74320005	Washer	8470203		2		
18	74379233	Sub Guide Arm (F1)	6579001 A		2		
19	74304952	Hex Soc Cap Screw	P330260032	M16-40	8		
20	74379248	Parallel Pin	P337020182	B-13X40	4		
21	74379241	Shim	6579009 A		4		
22	74379236	Side Arm(F2)	6579004 A		2		
23	36527147	Hex Soc Cap Screw	P330250002	M12X15	8		
24	74379241	Shim	6579009 A		2		
25	74379237	Sub Guide Arm Base	6579005		2		
26	79318633	Bolt	P330050034	M12X70(All Thread)	2		
27	74722745	Nut	P332000035	M16(Type-1)	2		
43	74302820	Hex Soc Cap Screw	P330250006	M12X35	12		
44	74379232	Adjusting Bolt	6579000		2		
45	74722745	Nut	P332000035	M16(Type-1)	2		
46	74379294	Side Table Base(RC)	6579026		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
47	74302820	Hex Soc Cap Screw	P330250006	M12X35	16		
48	74379295	Side Table Base(RF)	6579027		1		
49	74302820	Hex Soc Cap Screw	P330250006	M12X35	4		
50	74379296	Side Table Base(RR)	6579071		1		
51	74302820	Hex Soc Cap Screw	P330250006	M12X35	4		
52	74379242	Joint(A)	6579010 A		1		
53	10343103	Hex Soc Cap Screw	P330230005	M8X16	16		
54	74379243	Joint(B)	6579011 A		4		
55	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		

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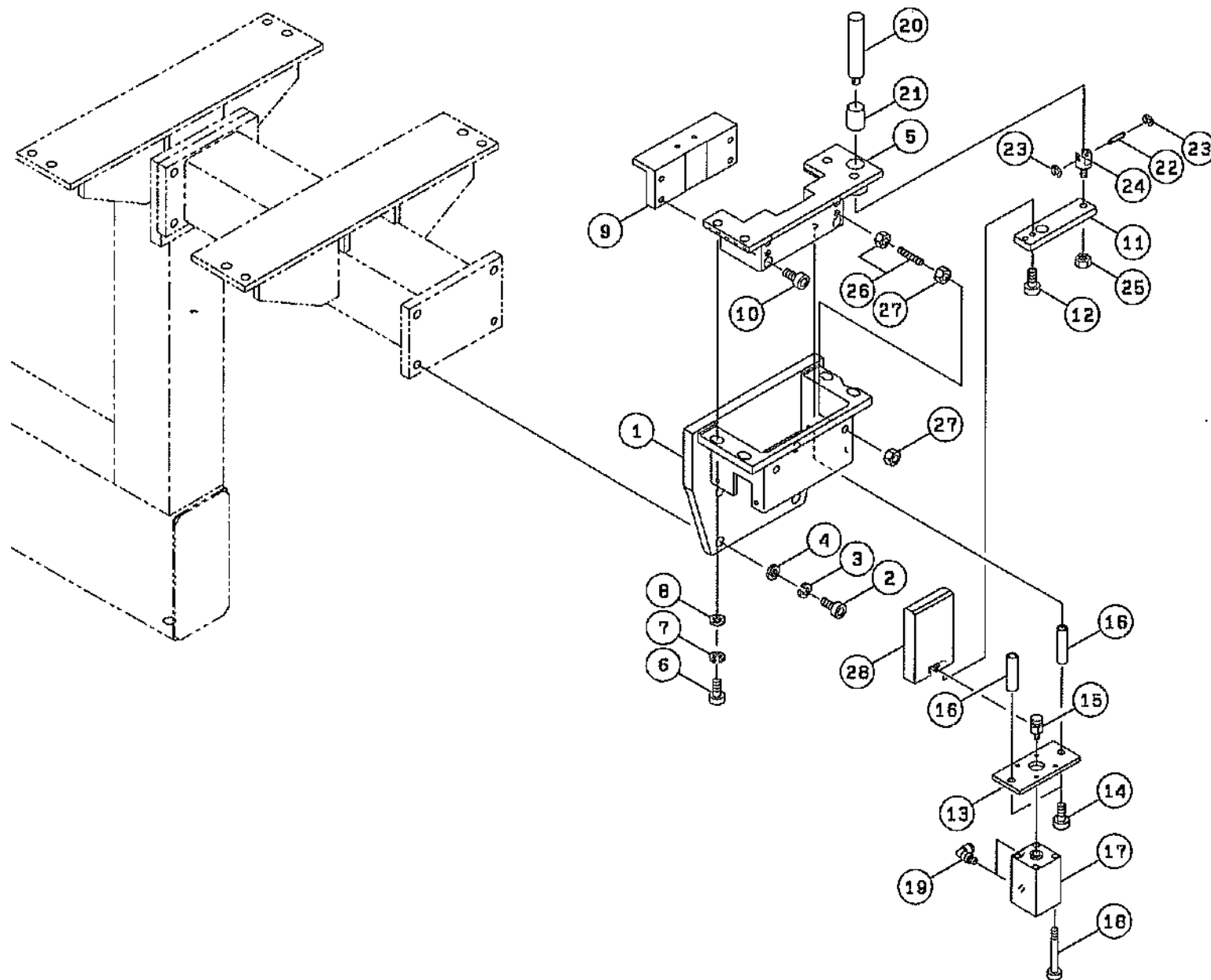


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379298	Bracket	6579170		1		
2	74302820	Hex Soc Cap Screw	P330250006	M12X35	4		
3	74301615	Spring Washer	P336050008	12	4		
4	74303704	Washer	P336000008	12(Regular Round)	4		
5	74379299	Locating Pin Guide A	6579171		1		
6	74722711	Hex Soc Cap Screw	P330253002	M12X25 (Unbrako)	4		
7	74301615	Spring Washer	P336050008	12	4		
8	74303704	Washer	P336000008	12(Regular Round)	4		
9	74379297	Locating Pin Guide	6579104		1		
10	74302818	Hex Soc Cap Screw	P330230008	M8X30	4		
11	74379303	Stopper Pin Arm	6579174		1		
12	74302812	Hex Soc Cap Screw	P330220003	M6X10	2		
13	74722137	Cylinder Guide B	6533802		2		
14	74309806	Hex Soc Cap Screw	P330230016	M8X70	2		
15	74379302	Locating Pin Collar	6579173 A		1		
16	74379306	Cylinder Guide A	6579177		2		
17	74379310	Air Cylinder	P550012246	CDQ2B32-40D-A73HS (SMC)	1		

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1



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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74716105	Hex Soc Cap Screw	P330210028	M5X75	4		
19	74310045	Instant Fitting	P586564001	EL6-PT1/8 (Nitta)	2		
20	74379304	Stopper Pin(A)	6579175		1		
21	74379309	Plain Bearing	P407003078	MB2030DU (Daido Meta)	1		
22	74379307	Hinge Pin	P337114015	CCP5-26 (Misumi)	1		
23	74379308	Locating Snap Ring	P406100002	E-4	1		
24	74379305	Stopper Pin(B)	6579176		1		
25	10001517	Nut	P332000064	M8(Type-1)	1		
26	74722763	Special Screw	P334704009	ANB8-40 (Misumi)	2		
27	74722743	Nut	P332000018	M8(Type-3)	4		
28	74379301	Stopper	6579172		1		



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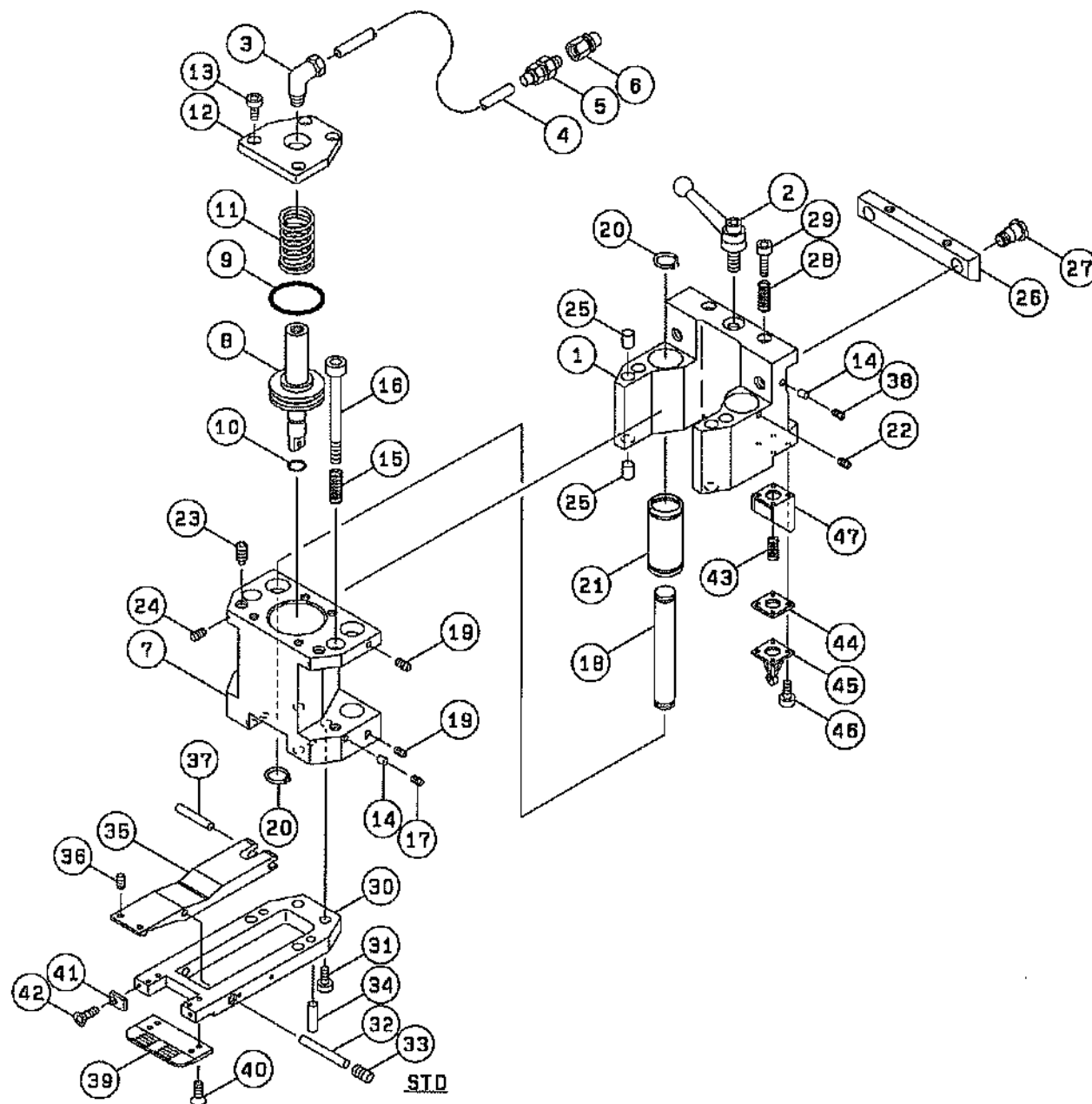


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UNIT NO. 27
Clamp

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74335806	Clamp Housing	0826181 B		1		
2	74305232	Lever	P437354026	KR10X20 (Imao)	1		
3	74310044	Instant Fitting	P586564002	EL6-PT1/4 (Nitta)	1		
4	74336123	Plastic Hose	P230223015	UH30-06(black)-1M (Junron)	1		
5	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	1		
6	74717014	Quick Connect Joint	P589026011	20PF (Nitto Koki)	1		
7	74335816	Cylinder	0826183 C		1		
8	74335821	Piston	0826184 C		1		
9	74305202	O Ring	P590000050	P50A	1		
10	74305201	O Ring	P590000012	P12	1		
11	74335606	Spring	0806005		1		
12	74335901	Cylinder Cover	0826188		1		
13	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
14	74335701	Insert	0806073		4		
15	74335602	Hook Spring	0826218		2		
16	74300563	Hex Soc Cap Screw	P330223019	M6X85 (Unbrako)	2		
17	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74335830	Stroke Shaft	0826187		2		
19	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	4		
20	74305214	Locating Snap Ring	P406108043	STW-20 (Ochiai)	4		
21	74335622	Stroke Bearing	6010232		2		
22	74377002	Socket Set Screw	P330580005	M4X4(cone-end)	2		
23	74305509	Socket Set Screw	P330570059	M10X14(dog-end)	2		
24	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
25	74335627	Cushion	0806009		4		
26	74335706	Lock Plate	0816004 A		1		
27	74335716	Pressure Pin	0816005 B		2		
28	74335617	Release Spring	0816006		2		
29	74717028	Shoulder Screw	P338135015	STO8X25 (Okita)	2		
30	74315822	Clamp Base	0826189 B		1		
31	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	4		
32	74716148	Dowel Pin	P337050038	10X65(Inner Screw)H7	1		
33	74305515	Socket Set Screw	P330580028	M8X8(cone-end)	1		
34	74716145	Dowel Pin	P337050005	10X28(Inner Screw)M6	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74335812	Clamper	0826227 A		1		
36	74335826	Set Screw	0826186		2		
37	74716154	Parallel Pin	P337020028	A-5X36	1		
38	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	2		
39	74315921	Clamp Plate	0826235 B		1		
40	74161382	Flat Head Bolt	P334533005	M5X12LOC-WEL (Unbrako)	4		
41	74304620 (74161353)	Push Holder	0816026 C		2		
42	74161383	Flat Head Bolt	P334533001	M4X10LOC-WEL (Unbrako)	2		
43	74335607	Spring	0826015 C		2		
44	74335721	Spacer	0826016 C		2		
45	74312507	Head	7932020		2		
46	74304936	Hex Soc Cap Screw	P330203017	M4X16LOC-WEL (Unbrako)	8		
47	74335726	Head Cover	0826017 A		2		

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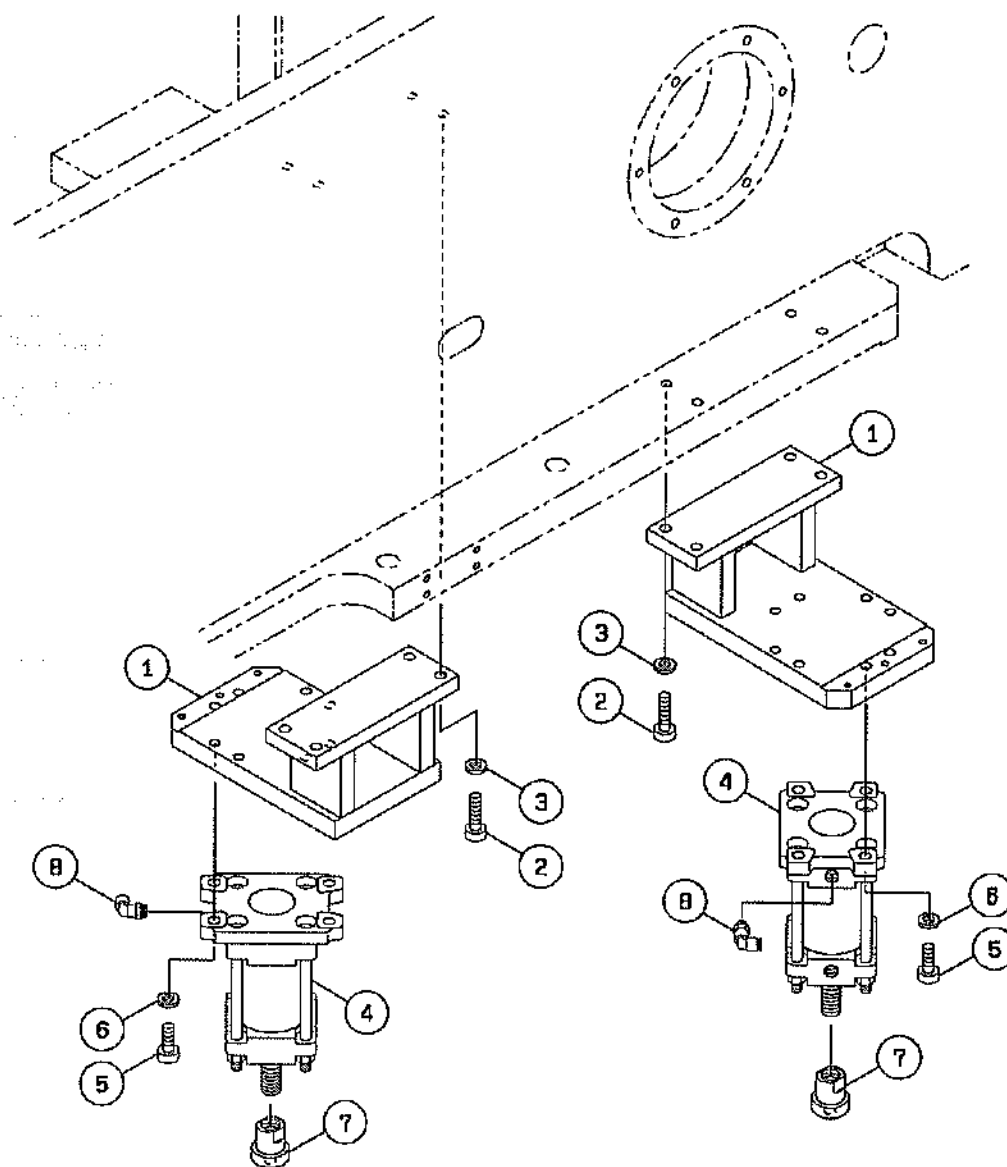


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UNIT NO. 28
Repositioning

From serial No. 35820055 and after

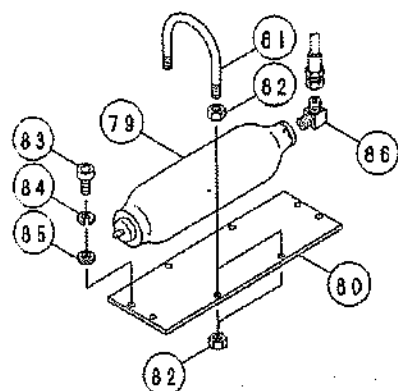


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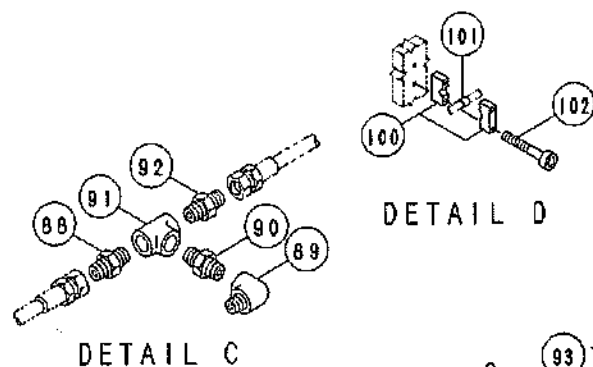
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UNIT NO. 29
Piping (1) - 1/4

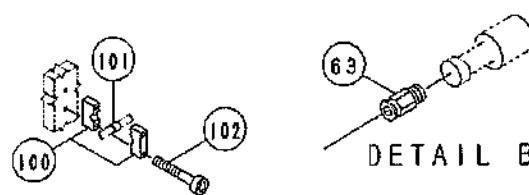
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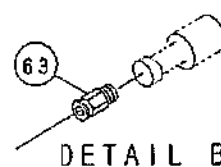
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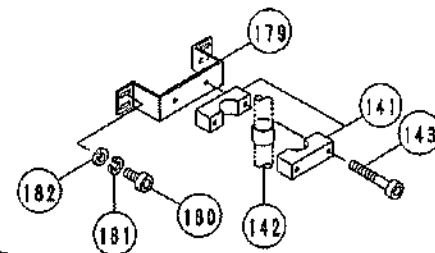
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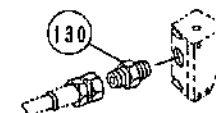
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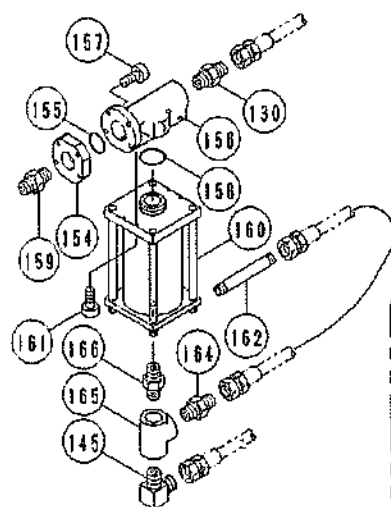
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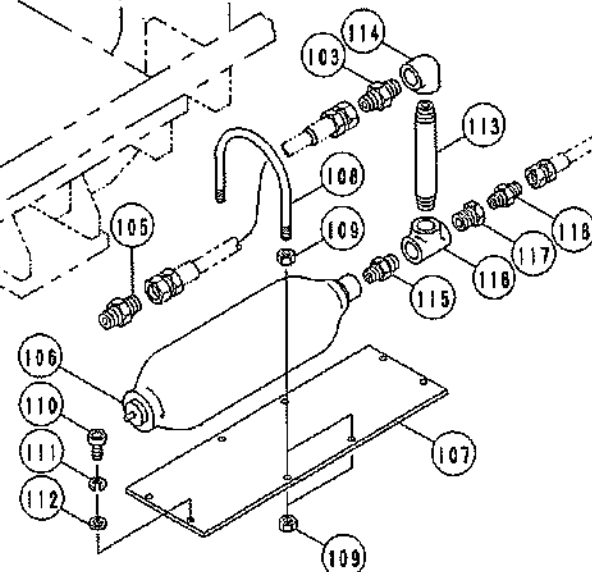
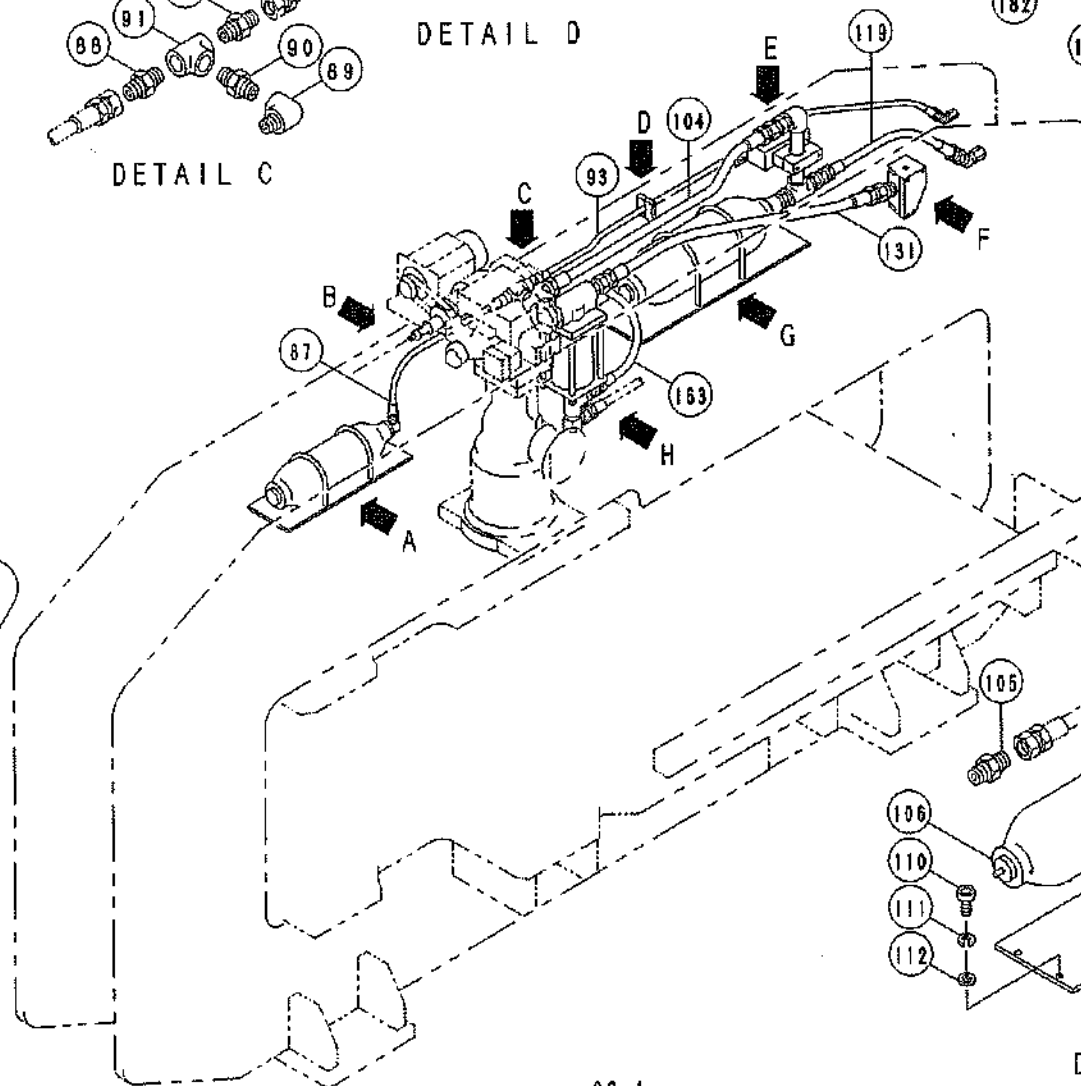
DETAIL E



DETAIL F



DETAIL H



DETAIL G

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
63	74351914	Instant Fitting	P586534002	EC6-PT1/8 (Nitta)	1		
79	74379318	Accumulator(4L)	7832243		1		
80	74379314	Acume Base(4L)	6573337		1		
81	74379328	U Bolt	P338050003	JISF3022-A125	2		
82	74302906	Nut	P332000009	M16	8		
83	74304947	Hex Soc Cap Screw	P330243004	M10X30 (Unbrako)	4		
84	74300519	Spring Washer	P336050007	10	4		
85	74300512	Washer	P336000007	10(Regular Round)	4		
86	74722983	Hose Adapter	P589222015	1033-08 (YA)	1		
87	74379322	Hose Set(Oil)	P220472090	OMB2012-1004-0.75M (YA)	1		
88	74722979	Hose Adapter	P589222005	1013-08 (YA)	1		
89	74722904	Elbow	P580052005	SCL04-000J	1		
90	74722892	Nipple	P580022004	SNP04-000J (Ihara)	1		
91	74722917	Tee	P580102003	STA04-000J (Ihara)	1		
92	74722979	Hose Adapter	P589222005	1013-08 (YA)	1		
93	74379323	Hose Set(Oil)	P220472091	OMB2012-1004-1.81M (YA)	1		
100	74379329	Piping Clamp	P381103012	MC75-1 (NHK)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
101	74379326	Bush For Cable	P229116005	RB75-004 (NHK)	2		
102	74304912	Hex Soc Cap Screw	P330230020	M8X90	4		
103	74722985	Hose Adapter	P589222027	1013-24 (YA)	1		
104	74379324	Hose Set(Oil)	P220472092	OMB2038-1004-0.86M (YA)	1		
105	74722985	Hose Adapter	P589222027	1013-24 (YA)	1		
106	74379317	Accumulator(10L)	7832242		1		
107	74379313	Acume Base(10L)	6573336		1		
108	74379327	U Bolt	P338050002	JISF3022-A175	2		
109	74302906	Nut	P332000009	M16	8		
110	74722712	Hex Soc Cap Screw	P330253003	M12X30 (Unbrako)	4		
111	74301615	Spring Washer	P336050008	12	4		
112	74303704	Washer	P336000008	12(Regular Round)	4		
113	74379312	Pipe (E)	6573335		1		
114	74722906	Elbow	P580052012	SLA12-000J (Ihara)	1		
115	74722894	Nipple	P580022012	SRN12-100J (Ihara)	1		
116	74722918	Tee	P580102006	STA12-000J (Ihara)	1		
117	74708286	Bush For Piping	P580012009	SBU12-080J (Ihara)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
118	74379331	Hose Adapter	P589222025	1013-16 (YA)	1		
119	74379325	Hose Set(Oil)	P220472188	OMB2025-1004-0.75M (YA)	1		
130	74722985	Hose Adapter	P589222027	1013-24 (YA)	2		
131	74379321	Hose Set(Oil)	P220422042	WP3538-1004-1.05M (YA)	1		
141	74722824	Piping Clamp	P381103005	MC100-1 (NHK)	1		
142	74722641	Bush For Cable	P229116007	RB100-012 (NHK)	1		
143	74377036	Hex Soc Cap Screw	P330243019	M10X120 (Unbrako)	2		
145	74722982	Hose Adapter	P589222011	1033-06 (YA)	1		
154	74367610	Flange	6520802		1		
155	74723002	O Ring	P590010009	G65	1		
156	74367611	Flange	6520611		1		
157	74300664	Hex Soc Cap Screw	P330243006	M10X40 (Unbrako)	4		
158	74722998	O Ring	P590010007	G55	1		
159	74722895	Nipple	P580022014	SNP12-000J (Ihara)	1		
160	74379319	Accumulator Assy	7832444		1		
161	74722712	Hex Soc Cap Screw	P330253003	M12X30 (Unbrako)	4		
162	74379315	Pipe (F)	6573338		1		

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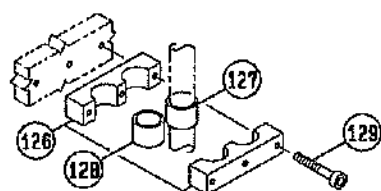


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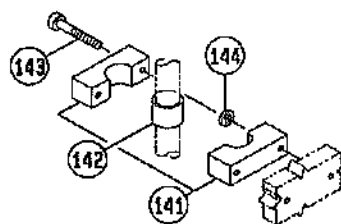


UNIT NO. 30
Piping(1)-2/4

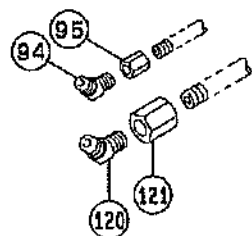
From serial No. 35820055 and after



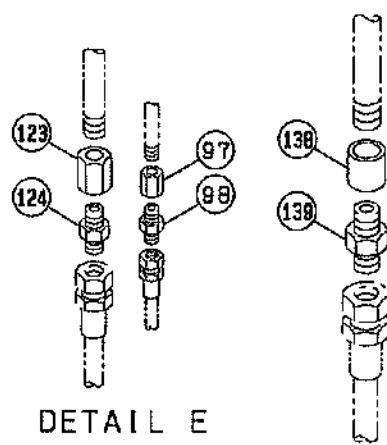
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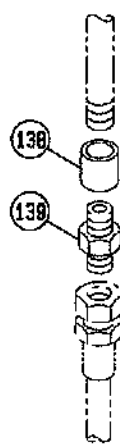
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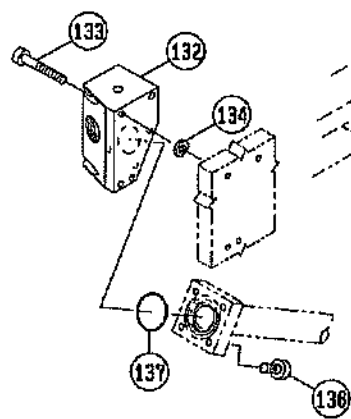
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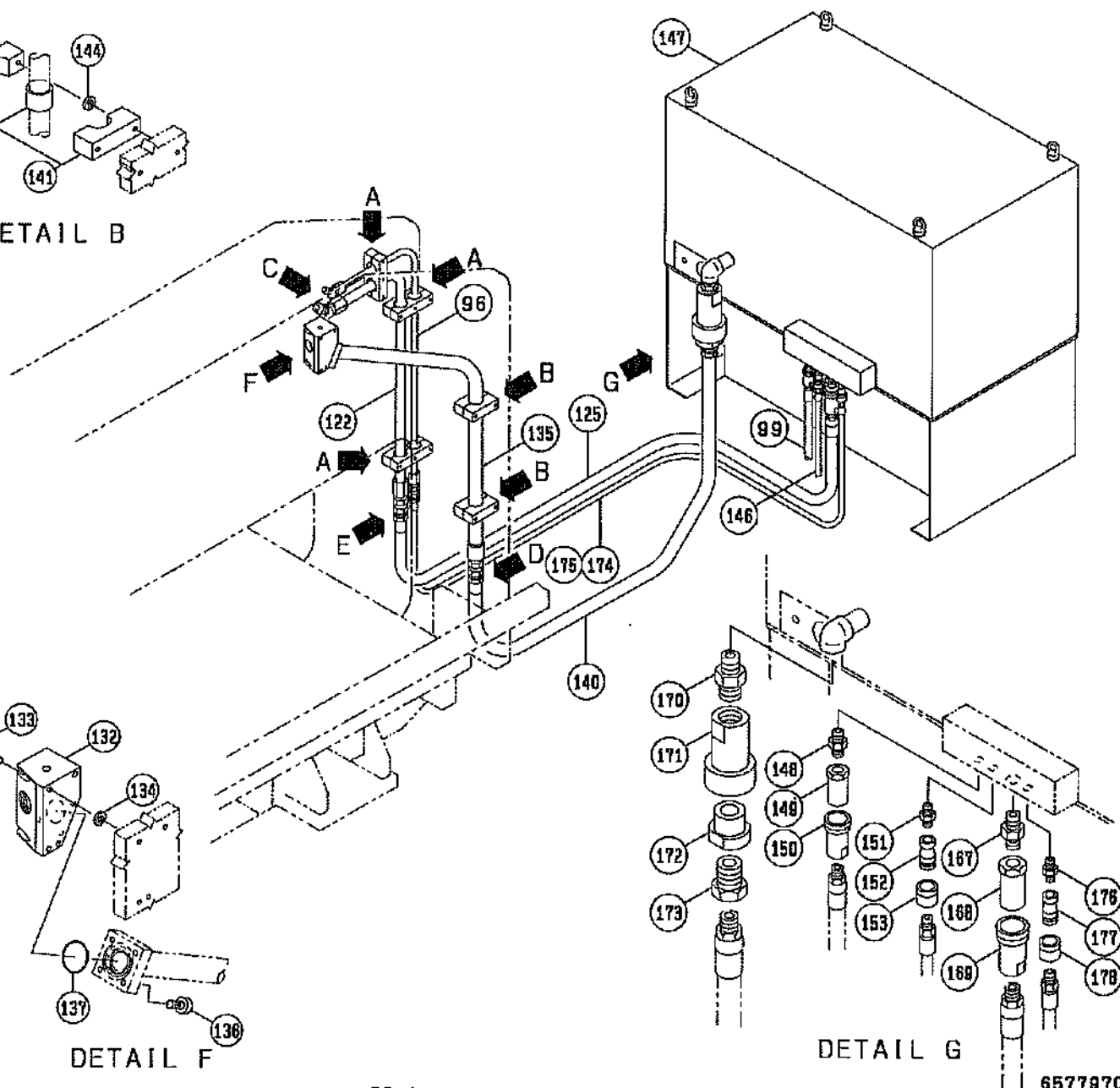
DETAIL E



DETAIL D



DETAIL F



DETAIL G

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
94	74379355	Hose Adapter	P589222023	1035-08 (YA)	1		
95	74722878	Socket For Piping	P580002006	SFC04-000J (Ihara)	1		
96	74379333	Pipe(A)	6579088		1		
97	74722878	Socket For Piping	P580002006	SFC04-000J (Ihara)	1		
98	74722979	Hose Adapter	P589222005	1013-08 (YA)	1		
99	74379338	Hose Set(Oil)	P220472049	OMB2012-1W-01-04-3M (YA)	1		
120	74379356	Hose Adapter	P589222030	1035-16 (YA)	1		
121	74379342	Socket For Piping	P580002016	SFC08-000J-SUS304 (Ihara)	1		
122	74379334	Pipe (B)	6579089		1		
123	74379342	Socket For Piping	P580002016	SFC08-000J-SUS304 (Ihara)	1		
124	74379331	Hose Adapter	P589222025	1013-16 (YA)	1		
125	74379339	Hose Set(Oil)	P220472055	OMB2025-1W-01-04-3M (YA)	1		
126	74379341	Piping Clamp	P381103003	MC75-2 (NHK)	3		
127	74379326	Bush For Cable	P229116005	RB75-004 (NHK)	3		
128	74379340	Bush For Cable	P229116006	RB75-008 (NHK)	3		
129	74304912	Hex Soc Cap Screw	P330230020	M8X90	9		
132	74367613	Junction Block	6017537 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
133	74314415	Hex Soc Cap Screw	P330243008	M10X50 (Unbrako)	4		
134	74367715	Collar(A)	6017548		4		
135	74379332	Pipe (C)	6570211		1		
136	74314415	Hex Soc Cap Screw	P330243008	M10X50 (Unbrako)	4		
137	36324624	O Ring	P590010008	G60	1		
138	74367604	Pipe(D)	6017546 A		1		
139	74722985	Hose Adapter	P589222027	1013-24 (YA)	1		
140	74379337	Hose Set(Oil)	P220422051	WP3538-01-04-1.84M (YA)	1		
141	74722824	Piping Clamp	P381103005	MC100-1 (NHK)	2		
142	74722641	Bush For Cable	P229116007	RB100-012 (NHK)	2		
143	74377036	Hex Soc Cap Screw	P330243019	M10X120 (Unbrako)	4		
144	74367716	Collar(B)	6017549		4		
146	74379336	Hose Set(Oil)	P220422012	OMB109-01-04-6.28M (YA)	1		
147	74379335	Hydraulic Unit	7832445		1		
148	74379346	Nipple	P580028004	2083-08 (YA)	1		
149	74379351	Accessory(Quick C J)	P589036001	Cap For 210-4S (Nitto Koki)	1		
150	74379352	Accessory(Quick C J)	P589036002	Cap For 210-4P (Nitto Koki)	1		

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From Serial No. 35820055 and after

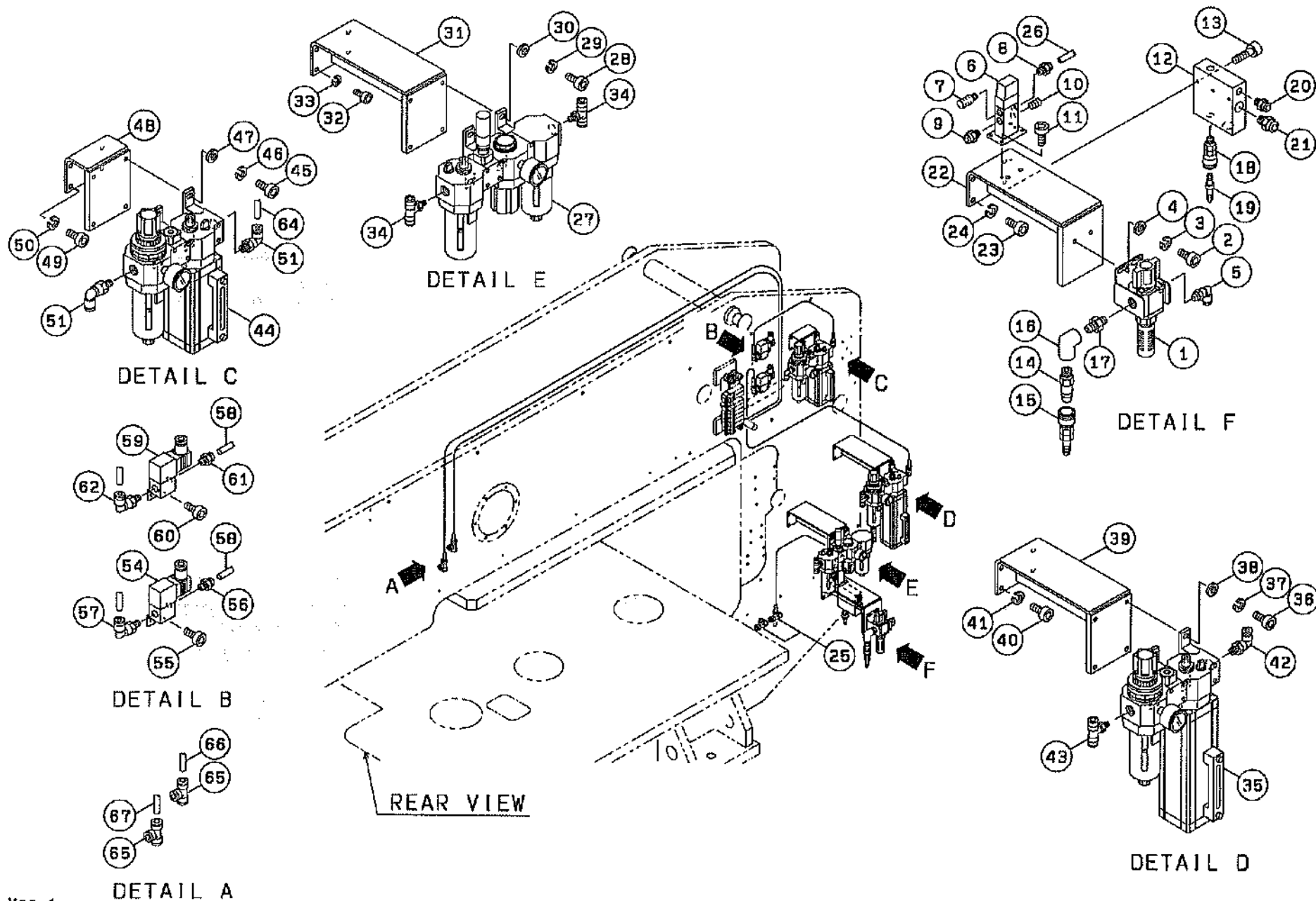
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151	74379357	Hose Adapter	P589222049	2083-06 (YA)	1		
152	74379348	Quick Connect Joint	P589026075	210-3S (Nitto Koki)	1		
153	74379347	Quick Connect Joint	P589026063	210-3P (Nitto Koki)	1		
167	74379344	Nipple	P580022006	SNP08-000J (Ihara)	1		
168	74379349	Quick Connect Joint	P589026093	210-8S (Nitto Koki)	1		
169	74379350	Quick Connect Joint	P589026094	210-8P (Nitto Koki)	1		
170	74379345	Nipple	P580022023	SRN16-120J (Ihara)	1		
171	74379353	Accessory(Quick C J)	P589036007	Cap For 16HS (Nitto Koki)	1		
172	74379354	Accessory(Quick C J)	P589036008	Cap For 16HP (Nitto Koki)	1		
173	74379343	Bush For Piping	P580012014	SBU16-120J (Ihara)	1		
174	74722978	Hose Adapter	P589222004	1013-06 (YA)	2		
175	74379336	Hose Set(Oil)	P220422012	OMB109-01-04-6.28M (YA)	1		
176	74722891	Nipple	P580022003	SNP03-000J (Ihara)	1		
177	74379551	Accessory(Quick C J)	P589036005	Cap For 3S (Nitto Koki)	1		
178	74379552	Accessory(Quick C J)	P589036006	Cap For 3P (Nitto Koki)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379366	Valve	7832284		1		
2	10343103	Hex Soc Cap Screw	P330230005	M8X16	2		
3	74300518	Spring Washer	P336050006	8	2		
4	74300511	Washer	P336000006	8(Regular Round)	2		
5	74379374	Instant Fitting	P586564008	EL10-PT1/2 (Nitta)	1		
6	74379371	Air Directional V	P556004026	4KA310-08-M1LSPAC100 (CKD)	1		
7	31163933	Silencer	P557032008	AN203-02 (SMC)	1		
8	74379377	Instant Fitting	P586604009	ET10-PT1/4 (Nitta)	1		
9	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	1		
10	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	2		
11	74159710	Hex Soc Cap Screw	P330200016	M4X12	2		
12	74379358	Coupler Bracket	6570214		1		
13	74302813	Hex Soc Cap Screw	P330220004	M6X12	3		
14	71360437	Quick Connect Joint	P589026016	40PM (Nitto Koki)	1		
15	71360438	Quick Connect Joint	P589026036	40SH (Nitto Koki)	1		
16	74379372	Elbow	P580053017	LB-1/2 (Ban)	1		
17	52323915	Nipple	P580023003	NA-1/2 (Ban)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74722973	Quick Connect Joint	P589026026	20SM (Nitto Koki)	1		
19	74523002	Quick Connect Joint	P589026013	20PH (Nitto Koki)	1		
20	74379375	Instant Fitting	P586564020	E45L10-PT1/2 (Nitta)	1		
21	74379376	Instant Fitting	P586564021	E45L10-PT1/4 (Nitta)	2		
22	74379361	Coupler Block Bracket	6577343 A		1		
23	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		
24	74300518	Spring Washer	P336050006	8	4		
25	74379378	Instant Fitting	P586604013	EUT10 (Nitta)	2		
26	74379368	Plastic Hose	P230242074	N2-4-10X8-30M (Nitta)	1		
27	74379365	Air Control Unit	7832262 A		1		
28	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
29	74300518	Spring Washer	P336050006	8	4		
30	74300511	Washer	P336000006	8(Regular Round)	4		
31	74379359	Air Control Bracket(A)	6573339		1		
32	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		
33	74300518	Spring Washer	P336050006	8	4		
34	74379380	Instant Fitting	P586604018	ET10-PT1/2 (Nitta)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379363	Air Control Unit	7832255		1		
36	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
37	74300518	Spring Washer	P336050006	8	4		
38	74300511	Washer	P336000006	8(Regular Round)	4		
39	74379359	Air Control Bracket(A)	6573339		1		
40	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		
41	74300518	Spring Washer	P336050006	8	4		
42	74379373	Instant Fitting	P586564007	EL10-PT3/8 (Nitta)	1		
43	74379379	Instant Fitting	P586604016	ET10-PT3/8 (Nitta)	1		
44	74379362	Air Control Unit	7832244		1		
45	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
46	74300518	Spring Washer	P336050006	8	4		
47	74300511	Washer	P336000006	8(Regular Round)	4		
48	74379360	Air Control Bracket(B)	6573340		1		
49	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		
50	74300518	Spring Washer	P336050006	8	4		
51	74379373	Instant Fitting	P586564007	EL10-PT3/8 (Nitta)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
54	74379364	Air Directional V	7832257		1		
55	74302813	Hex Soc Cap Screw	P330220004	M6X12	2		
56	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	1		
57	74722956	Instant Fitting	P586564006	EL10-PT1/4 (Nitta)	1		
58	74379370	Plastic Hose	P230243092	AS450-06(Black)-5M (Junron)	1		
59	74379364	Air Directional V	7832257		1		
60	74302813	Hex Soc Cap Screw	P330220004	M6X12	2		
61	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	1		
62	74722956	Instant Fitting	P586564006	EL10-PT1/4 (Nitta)	1		
64	74379369	Plastic Hose	P230243082	AS435-10(Black)-5M (Junron)	1		
65	74338327	Instant Fitting	P586604012	EUT6 (Nitta)	2		
66	74379367	Plastic Hose	P230222015	N2-4-6X4-15M (Nitta)	1		
67	74379367	Plastic Hose	P230222015	N2-4-6X4-15M (Nitta)	1		

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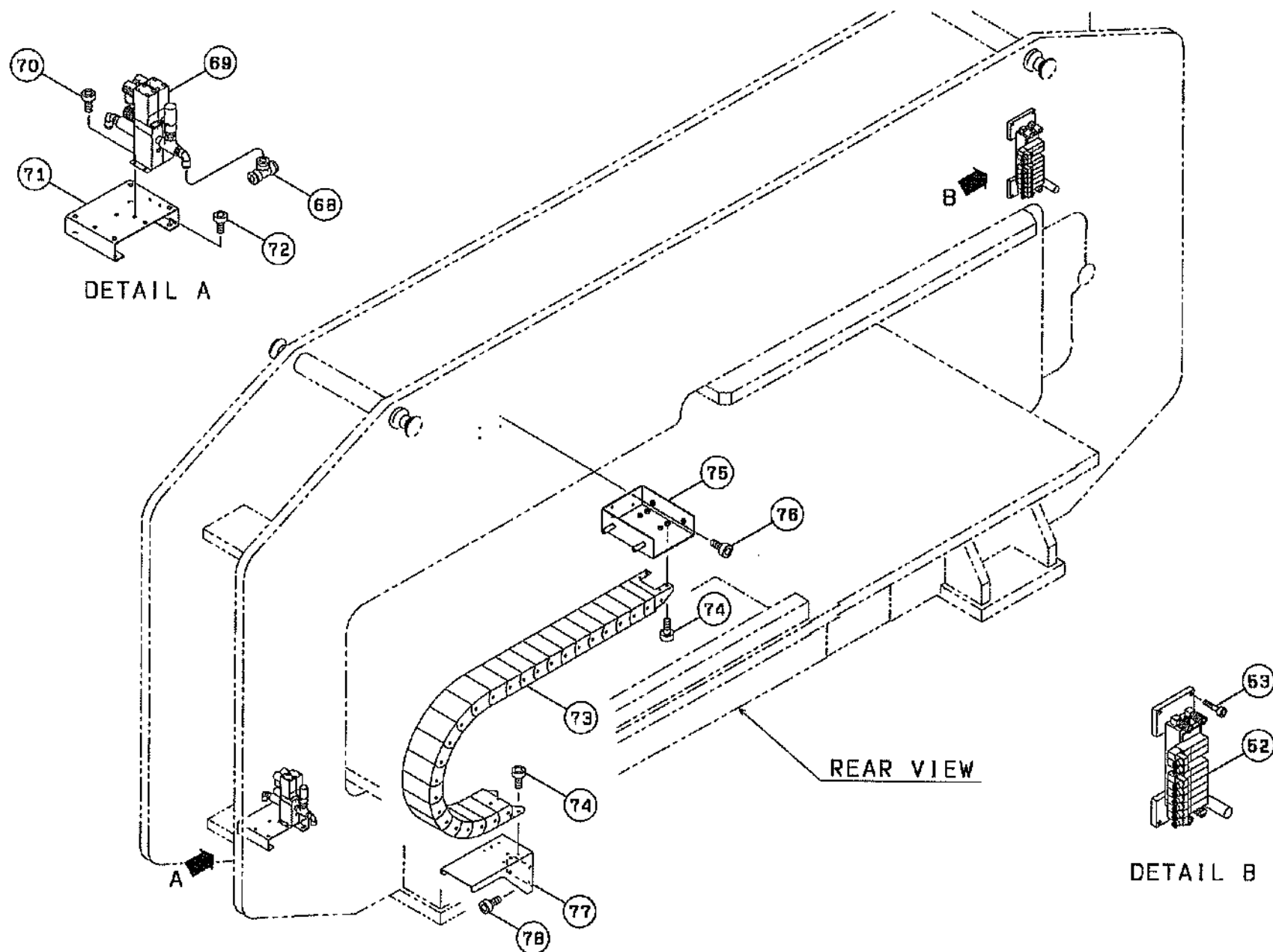
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UNIT NO. 32
Piping(1)-4/4

From serial No. 35820055 and after



From Serial No. 35820055 and after

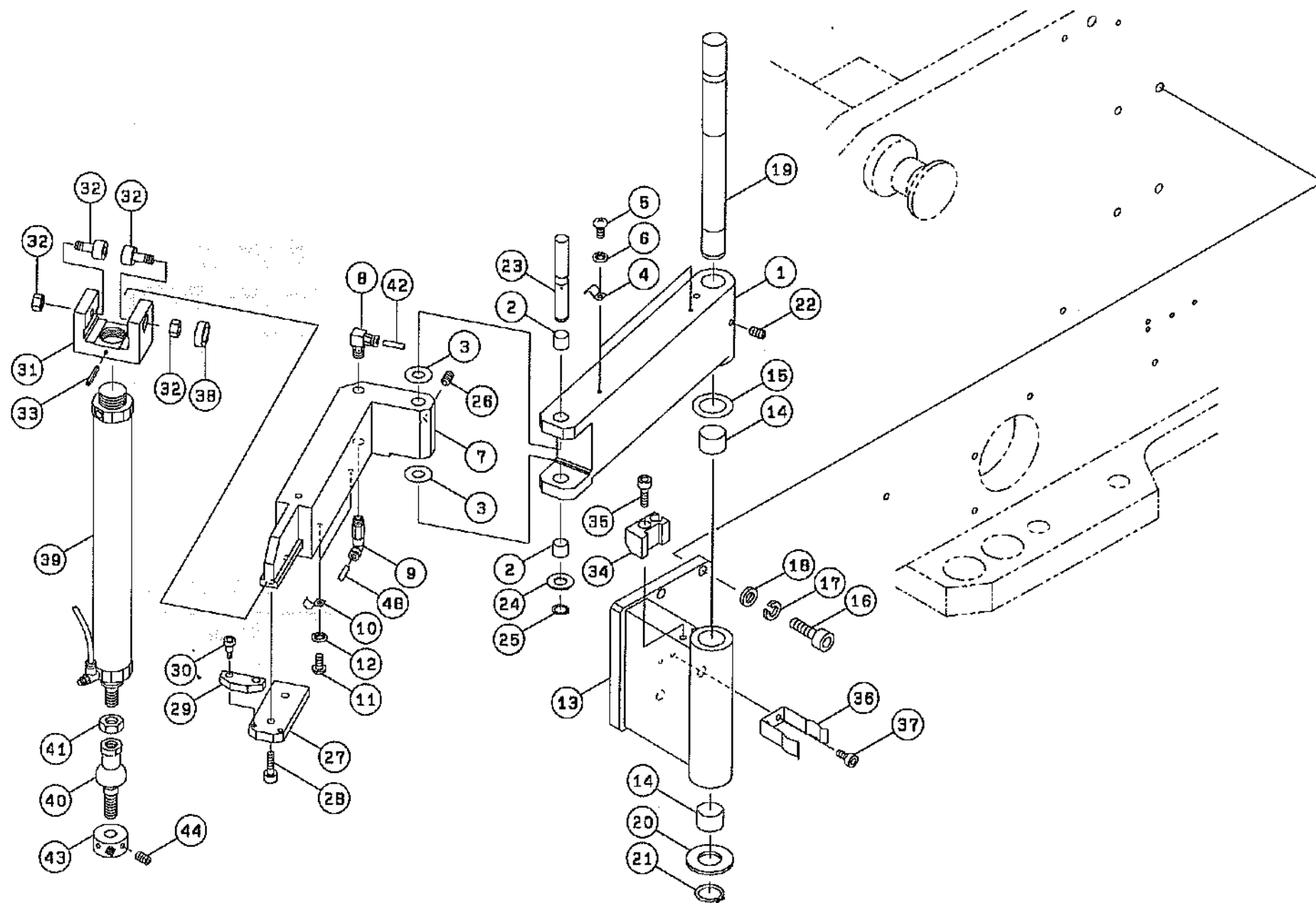
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
52	74379386	Solenoid Valve Assy	7832292 A		1		
53	74304911	Hex Soc Cap Screw	P330230014	M8X60	4		
68	74379378	Instant Fitting	P586604013	EUT10 (Nitta)	2		
69	74379385	Selex Valve	7832289 A		1		
70	74301627	Hex Soc Cap Screw	P330230009	M8X35	2		
71	74379384	Solenoid Bracket	6579070 A		1		
72	73157630	Hex Soc Cap Screw	P330230004	M8X15	4		
73	74379381	Runner Flex	6533059		1		
74	73157630	Hex Soc Cap Screw	P330230004	M8X15	4		
75	74379383	Duct Bracket(U)	6573344		1		
76	73157630	Hex Soc Cap Screw	P330230004	M8X15	4		
77	74379382	Duct Bracket(L)	6573342 A		1		
78	73157630	Hex Soc Cap Screw	P330230004	M8X15	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74309507	Balancer Arm 1	6018241 B		1		
2	10319405	Plain Bearing	P407003030	MB1615DU (Daido)	2		
3	74379395	Plain Bearing	P407023005	WC14DUN (Daido Meta)	1		
4	74722812	Saddle For Conduit	P381017001	CH-6 (Daiwa)	2		
5	74305017	Pan Head Screw	P334100039	M5X10	2		
6	74716208	Toothed Washer	P336030003	B-5	2		
7	74309511	Balancer Arm 2	6018242 B		1		
8	74379401	Non Metallic Fitting	P587045036	PLBI-6-PT1/4-PV0 (Junron)	1		
9	74379399	Non Metallic Fitting	P587045033	PLLI-6-PT1/4-PV0 (Junron)	1		
10	74722812	Saddle For Conduit	P381017001	CH-6 (Daiwa)	2		
11	74305017	Pan Head Screw	P334100039	M5X10	2		
12	74716208	Toothed Washer	P336030003	B-5	2		
13	74309505	Arm Bracket	6018243		1		
14	74379394	Plain Bearing	P407003054	MB2820DU (Daido Meta)	2		
15	74379396	Plain Bearing	P407023011	WC25DUN (Daido Meta)	1		
16	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	4		
17	74301615	Spring Washer	P336050008	12	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74303704	Washer	P336000008	12(Regular Round)	4		
19	74309513	Shaft 1	6018244 A		1		
20	74713272	Washer	P336000016	30(Regular Round)	1		
21	74379393	Locating Snap Ring	P406108047	STW-28 (Ochiai)	1		
22	74716313	Ball Screw	P338118010	M8X1X10 (NTN)	1		
23	74309514	Shaft 2	6018245 A		1		
24	74314206	Washer	P336000010	16(Regular Round)	1		
25	74305213	Locating Snap Ring	P406108039	STW-16 (Ochiai)	1		
26	74716313	Ball Screw	P338118010	M8X1X10 (NTN)	1		
27	74309523	Roller Guide	6018246		1		
28	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	2		
29	74309529	Cushion	6018252		1		
30	74310617	Shoulder Screw	P338135001	STO8X10 (Okita)	2		
31	74309605	Cylinder Holder	6018247 A		1		
32	74379397	Cam Follower	P409102002	CF10UU-A (THK)	2		
33	74379392	Spring Pin	P337030051	5X50	1		
34	74379387	Stopper	6531701		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	2		
36	74309526	Catch	6018249 A		1		
37	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
38	74309533	Stopper	6018251		1		
39	74379388	Air Cylinder	7832278		1		
40	74379398	Floating Joint	P409202003	RBI14 (THK)	1		
41	74379391	Nut	P332000043	M14X1.5(Type-3)	1		
42	71360410	Plastic Hose	P230223021	UH30-06(black)-3M (Junron)	1		
43	74345216	Knob	0819298		1		
44	74379390	Socket Set Screw	P330603007	M6X10(knurled cup-end) (Unbrako)	2		
48	74379389	Plastic Hose	P230223037	AS450-06(Black)-1M (Junron)	1		

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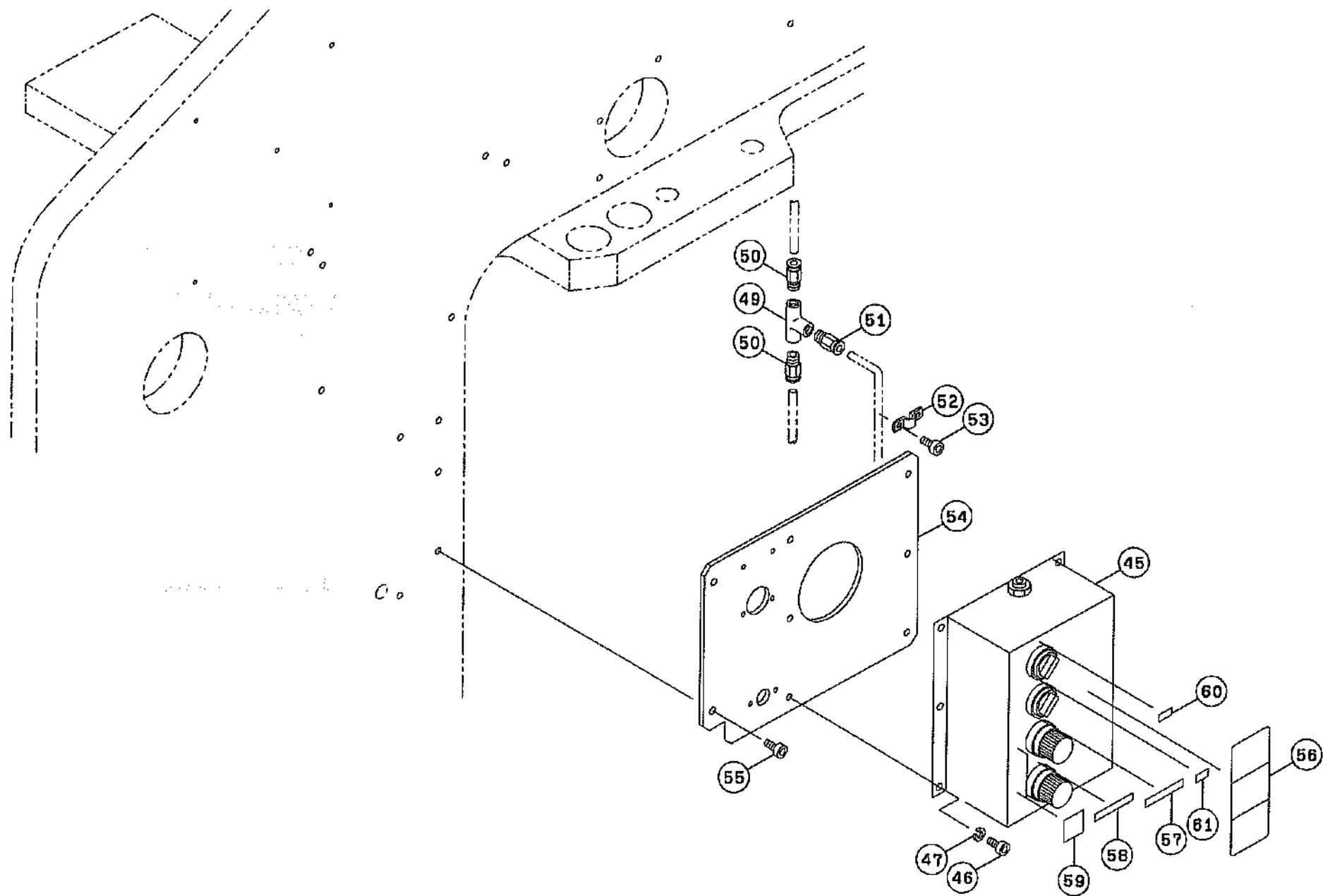
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
45	74379403	Balancer Operating Panel	7832288		1		
46	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
47	74300518	Spring Washer	P336050006	8	6		
49	74722912	Tee	P580100002	1/4	1		
50	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	2		
51	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	1		
52	74379404	Saddle For Conduit	P381017012	CD-6 (Daiwa)	2		
53	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
54	74379402	Bracket	6018250 C		1		
55	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	2		
56	74309601	Legend Plate(Balancer)	0820842 A		1		
57	74309269	Balancer Operating Plate(1)	6502847		1		
58	74309273	Balancer Operating Plate(2)	6502848		1		
59	74309279	Balancer Operating Plate(3)	6502849		2		
60	74309277	Balancer Operating Plate(4)	6502713		1		
61	74309278	Balancer Operating Plate(5)	6502714		1		

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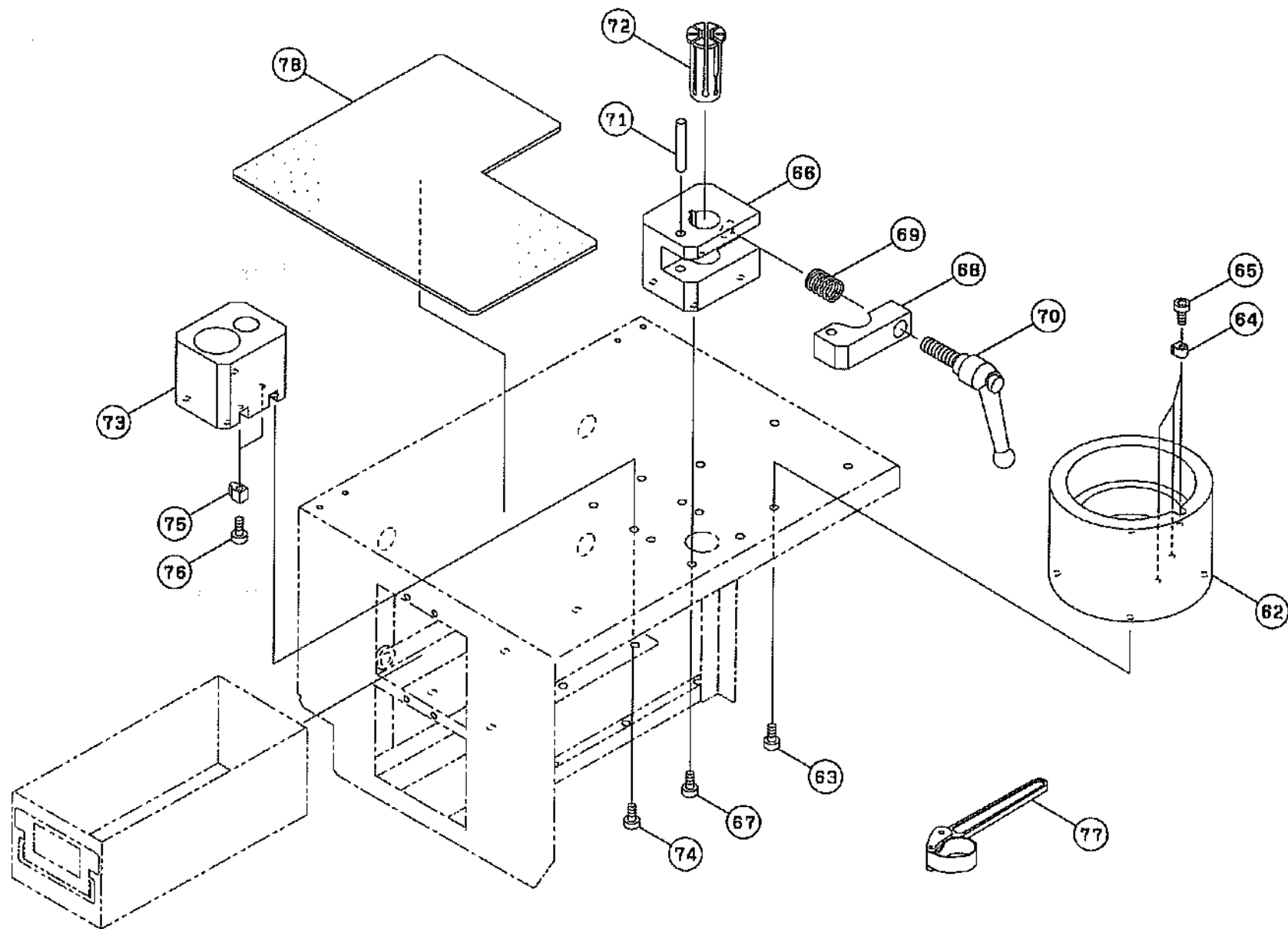
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
62	74306110	Jig	0828086		1		
63	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	4		
64	74306161	Key	0828088 A		3		
65	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	3		
66	74346301	Clamp Body	0827058 B		1		
67	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
68	74306032	Clamper	0827059		1		
69	74306101	Return Spring	0827060		1		
70	44619953	Lever	P437354016	KR16X50 (Imao)	1		
71	74379407	Parallel Pin	P337020083	A-10X60	1		
72	74346327	Bushing	0827073		1		
73	74346207	Jig	0828087		1		
74	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
75	74306160 (74058814)	Key	0828067		2		
76	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	2		
77	74379405	Belt Wrench		BW-20 (Super Tool)	1		
78	74379406	Rubber Mat	6531706		1		

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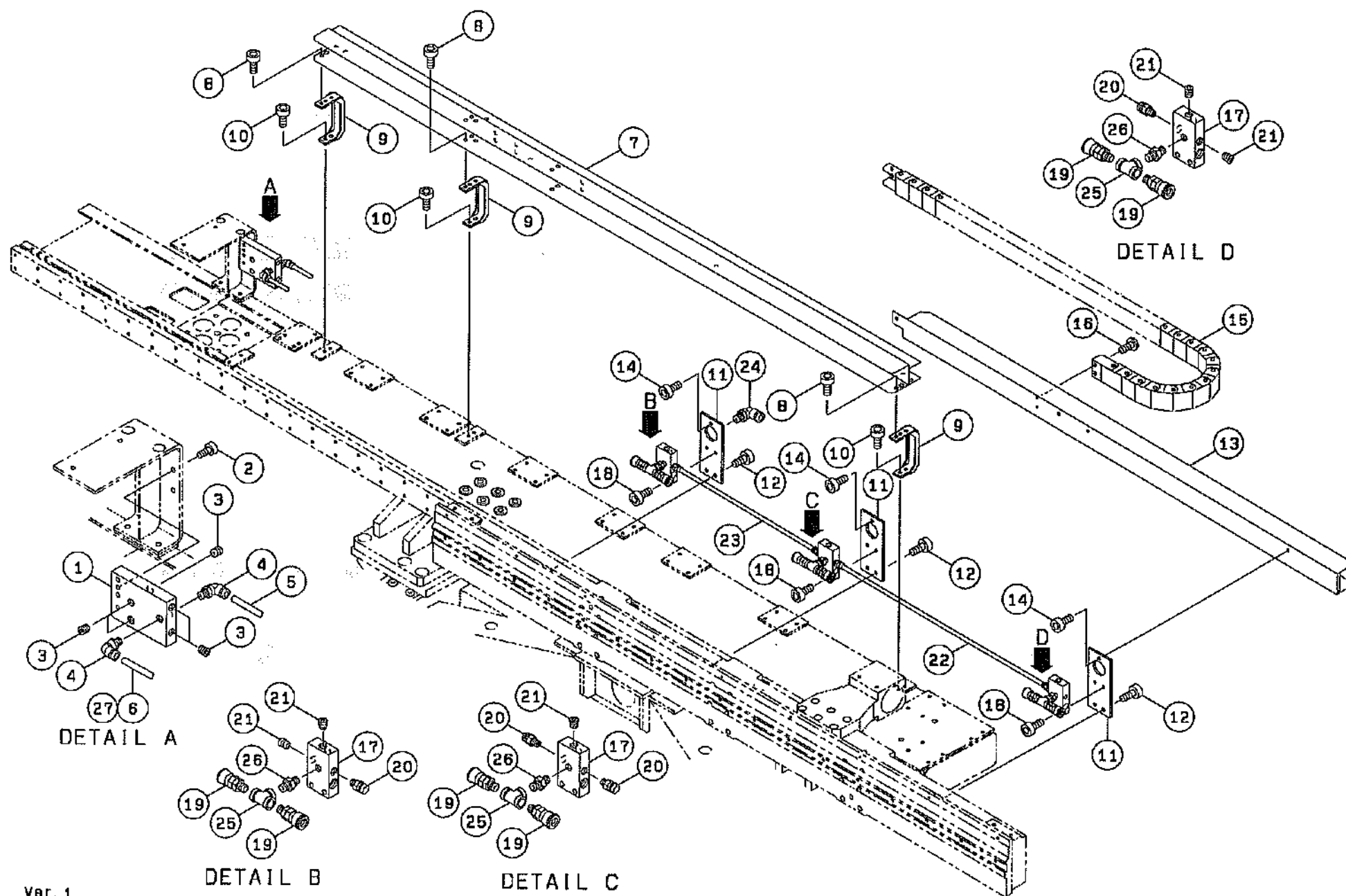


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UNIT NO. 36
Piping(3)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74722127	Hoser Connector	6531817 B		1		
2	74301627	Hex Soc Cap Screw	P330230009	M8X35	2		
3	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	8		
4	74722956	Instant Fitting	P586564006	EL10-PT1/4 (Nitta)	2		
5	74379412	Plastic Hose	P230242043	N2-4-10X8-6M (Nitta)	1		
6	74722644	Plastic Hose	P230212023	N2-4-10X8-3M (Nitta)	1		
7	74722438	Fixed Hose Guide	6573012 B		1		
8	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
9	74722439	Fixed Hose Bracket	6573013 A		3		
10	73157630	Hex Soc Cap Screw	P330230004	M8X15	6		
11	74379408	Moving Hose Bracket	6530768		3		
12	73157630	Hex Soc Cap Screw	P330230004	M8X15	6		
13	74722124	Moving Hose Guide	6530769		1		
14	73157630	Hex Soc Cap Screw	P330230004	M8X15	3		
15	74379409	Runner Flex	6532808 A		1		
16	74306424	Button Head Screw	P334500013	M6X10	4		
17	74722134	Piping Block	6533672		3		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74302818	Hex Soc Cap Screw	P330230008	M8X30	6		
19	74722973	Quick Connect Joint	P589026026	20SM (Nitto Koki)	6		
20	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	4		
21	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	7		
22	74379410	Plastic Hose	P230242002	N2-4-10X8-0.5M (Nitta)	1		
23	74379411	Plastic Hose	P230242042	N2-4-10X8-0.8M (Nitta)	1		
24	74722956	Instant Fitting	P586564006	EL10-PT1/4 (Nitta)	1		
25	74722912	Tee	P580100002	1/4	3		
26	74722897	Nipple	P580023002	NA-1/4 (Ban)	3		
27	74722818	Cable Band	P381058019	CV-250 (Sibakei)	2		

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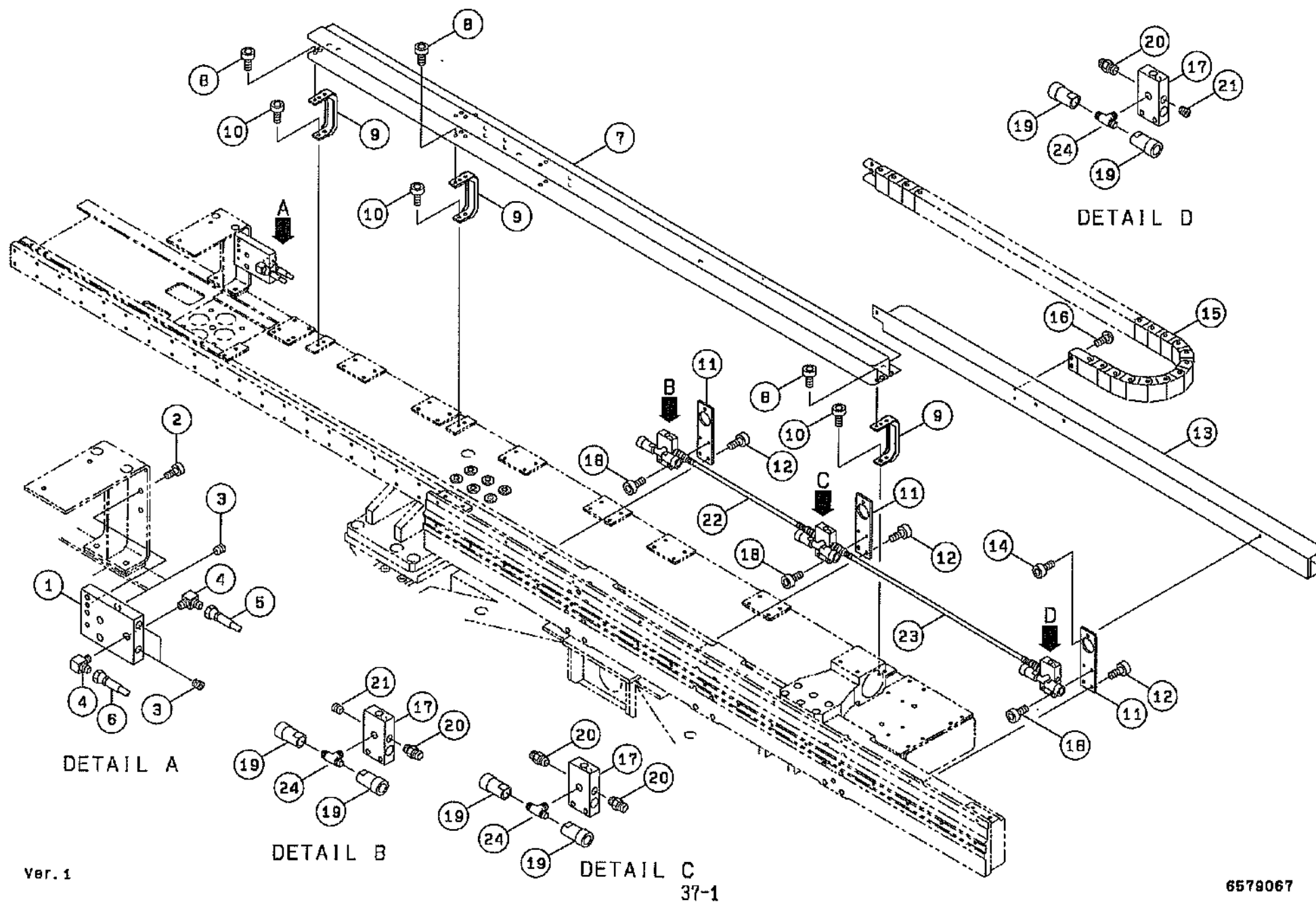
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UNIT NO. 37
Piping(4)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74722127	Hoser Connector	6531817 B		1		
2	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	2		
3	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	8		
4	74722981	Hose Adapter	P589222009	1033-04 (YA)	3		
5	74379413	Hydraulic Hose E	6579068		1		
6	74722385	Hydraulic Hose A	6570632		1		
7	74722438	Fixed Hose Guide	6573012 B		1		
8	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
9	74722439	Fixed Hose Bracket	6573013 A		3		
10	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
11	74722133	Moving Hose Bracket	6533671		3		
12	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	6		
13	74722124	Moving Hose Guide	6530769		1		
14	74377047	Hex Soc Cap Screw	P330233001	M8X10 (Unbrako)	3		
15	74379409	Runner Flex	6532808 A		1		
16	74306424	Button Head Screw	P334500013	M6X10	4		
17	74722134	Piping Block	6533672		3		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74535116	Hex Soc Cap Screw	P330233008	MBX30 (Unbrako)	6		
19	74722971	Quick Connect Joint	P589026009	2HS (Nitto Koki)	6		
20	74722977	Hose Adapter	P589222002	1013-04 (YA)	4		
21	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	7		
22	74722386	Hydraulic Hose B	6570633		1		
23	74722387	Hydraulic Hose C	6570634		1		
24	74722919	Tee	P580107001	SK-21 (Koyo)	3		



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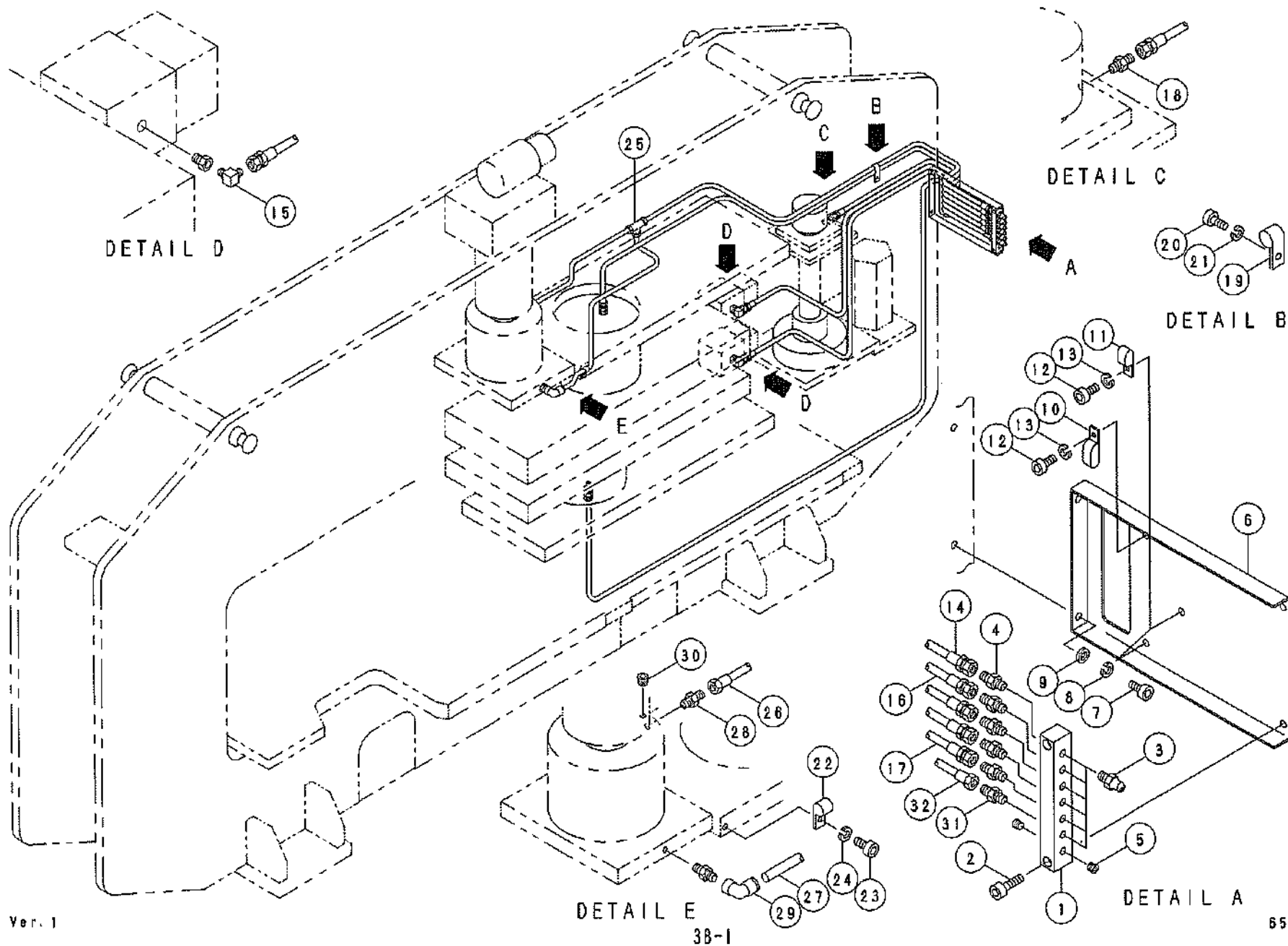


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UNIT NO. 38
Lubrication

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379417	Manifold Block	6530827		1		
2	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	2		
3	74304826	Grease Nipple	P560600004	A-PT1/8	6		
4	74722993	Hose Adapter	P589223028	8001RG02 (Bridgeston)	5		
5	74702340	Plug For Piping	P580208001	GM-1/8 (Gosho)	2		
6	74379414	Manifold Block Bracket	6530822 B		1		
7	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	2		
8	74300518	Spring Washer	P336050006	8	2		
9	74300511	Washer	P336000006	8(Regular Round)	2		
10	74379427	Saddle For Hose	P381035007	RK866120 (IHI)	2		
11	75426748	Saddle For Hose	P381035006	RK866110 (IHI)	3		
12	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	5		
13	74300517	Spring Washer	P336050005	6	5		
14	74379418	Hose For Index Pin	6530828		2		
15	74722994	Hose Adapter	P589223029	8021RG02 (Bridgeston)	2		
16	74379415	Hose For T-axis	6530825		1		
17	74379416	Hose For Turret Bearing	6530826 A		2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74722993	Hose Adapter	P589223028	8001RG02 (Bridgeston)	3		
19	74379426	Saddle For Hose	P381035005	RK866109 (IHI)	10		
20	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	10		
21	74300517	Spring Washer	P336050005	6	10		
22	74379425	Saddle For Hose	P381035001	RK866105 (IHI)	10		
23	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	10		
24	74300517	Spring Washer	P336050005	6	10		
25	74379429	Bite Type Fitting	P585606005	MT-3060 (Aoi)	1		
26	74379419	Plastic Hose	P230224043	AX-1206-0.5M (Aoi)	1		
27	74379421	Plastic Hose	P230224060	AX-1206(Black)-1M (Aoi)	1		
28	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	1		
29	74379428	Bite Type Fitting	P585536007	ML-2063 (Aoi)	1		
30	74702340	Plug For Piping	P580208001	GM-1/8 (Gosho)	4		
31	74722932	Bite Type Fitting	P585536004	MH-1061 (Aoi)	1		
32	74379420	Plastic Hose	P230224058	AX-1206-5M (Aoi)	1		
33	74379422	Lubricating Oil	P238024011	32-7L (Idemitsu)	1		
34		Grease	P238044002	NO.2-10L (Idemitsu)	1		

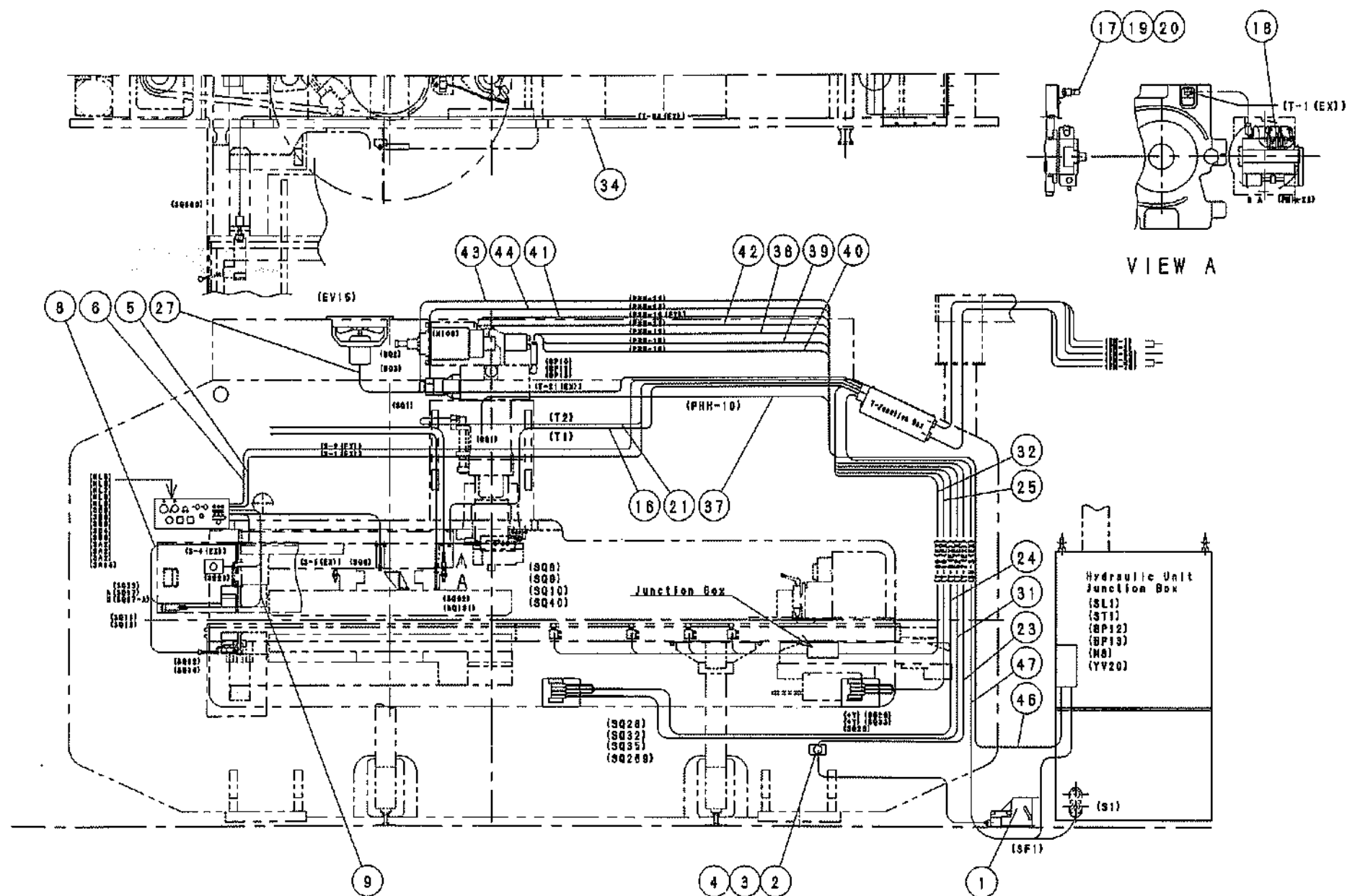
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Ver. 1



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TM70

Unit No. 39
Electric(1) - 1/3

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379457	Foot Switch	7930022		1		
2	74706436	Flat Head Screw	P334110001	M3X6	3		
3	74307030	Connector Setting Plate	6018282		1		
4	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrake)	2		
5	74379430	Cable S-1(EX)	6018294 A		1		
6	74379431	Cable S-2(EX)	6018295		1		
8	74379438	Cable S-4(EX)	6571660		1		
9	74379454	Cable S-5(EX)	6577996		1		
16	74379432	Cable T-1	6018313 A		1		
17	74379447	Striker Cable	6575442		1		
18	74722585	Proximity Switch	7833007		3		
19	74379437	Connector Bracket	6532844		1		
20	73157630	Hex Soc Cap Screw	P330230004	M8X15	2		
21	74379435	Cable T-2	6500454		1		
23	74379434	Cable T-7EX	6500420		1		
24	74379455	Cable T-9(EX)	6577997		1		
25	74379456	Cable T-10(EX)	6577998		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
27	74379433	Cable T-21Ex	6018388 A		1		
31	74379453	Cable T-52(EX)	6577993 A		1		
32	74379441	Cable T-60	6573376 A		1		
34	74379448	Cable T-64(EX)	6577366		1		
35	74379451	Cable T-66(EX)	6577989 A		1		
36	74379452	Cable T-67(EX)	6577990		1		
37	74379442	Cable PHH-10	6573402		1		
38	74379443	Cable PHH-12	6573404		1		
39	74379444	Cable PHH-15	6573407		1		
40	74379445	Cable PHH-16	6573408		1		
41	74379449	Cable PHH-19(EX)	6577368 A		1		
42	74379439	Cable PHH-21	6573368 A		1		
43	74379446	Cable PHH-22	6573413		1		
44	74379440	Cable PHH-23	6573370		1		
46	74379450	Cable HHU-1(EX)	6577369 B		1		
47	74379436	Cable HU-3(EX)	6500456 B		1		

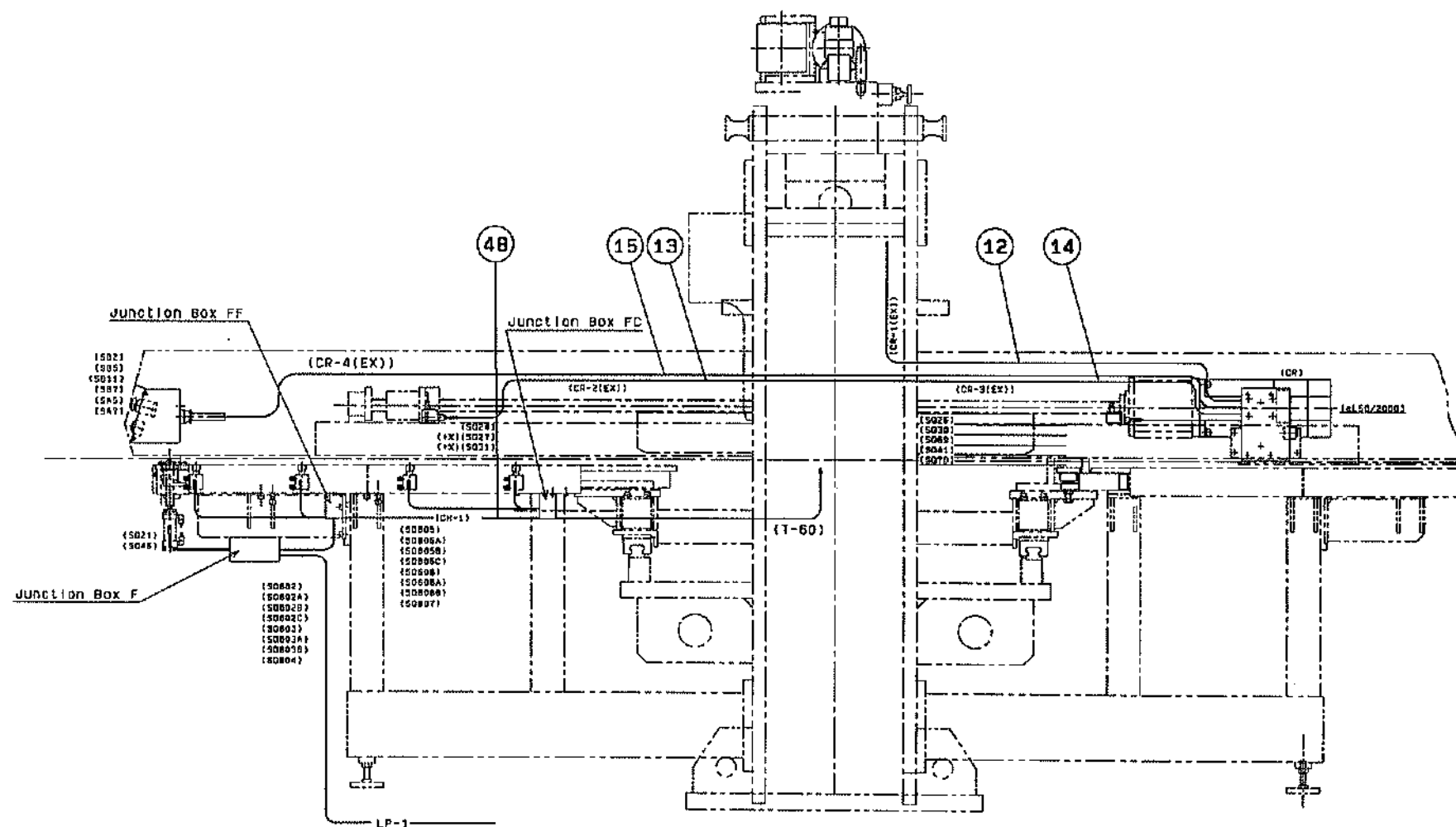
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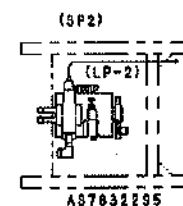




From Serial No. 35820055 and after

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From serial No. 35B20055 and after



This schematic diagram illustrates the hydraulic circuit for the L50/2000 machine. The system includes several key components labeled as follows:

- (L50/2000)**: The main machine body.
- (SQ67) (SQ68)**: A directional control valve assembly.
- (SQ17) (SQ17-A)**: Another directional control valve assembly.
- (SP1)**: A pressure relief valve.
- (YV140)**: An electrohydraulic solenoid valve.
- (SQ606) (SQ609) (SQ610)**: Three solenoid valves controlling different actuators.
- (YV600) (YV601) (YV602) (YV603) (YV604)**: Five solenoid valves connected to a common manifold.
- (YV605) (YV606)**: Two additional solenoid valves.
- (Q110) (Q111)**: Check valves.
- (R-30 (ER))**: A pressure-reducing valve.
- (P-30 (EP))**: A pressure-compensated flow control valve.
- (F-30 (EF))**: A filter.
- (G-30 (GF))**: A gas accumulator.
- (H-30 (HF))**: A heat exchanger.
- (I-30 (IF))**: An interlock valve.
- (J-30 (JF))**: A junction box.
- (K-30 (KF))**: A kinetic energy storage device.
- (L-30 (LF))**: A load-limiter valve.
- (M-30 (MF))**: A meter-in valve.
- (N-30 (NF))**: A non-return valve.
- (O-30 (OF))**: An overflow valve.
- (P-30 (PF))**: A pressure switch.
- (Q-30 (QF))**: A quick-exhaust valve.
- (R-30 (RF))**: A remote-control valve.
- (S-30 (SF))**: A sequence valve.
- (T-30 (TF))**: A time-delay valve.
- (U-30 (UF))**: A unidirectional valve.
- (V-30 (VF))**: A variable-flow valve.
- (W-30 (WF))**: A water-wash valve.
- (X-30 (XF))**: A cross-over valve.
- (Y-30 (YF))**: A yield valve.
- (Z-30 (ZF))**: A zero-pressure valve.

The diagram shows the complex arrangement of pipes, valves, and actuators that make up the hydraulic system, with various symbols used to represent different types of components and their connections.

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
7	74379464	Cable S–3(EX)	6018296		1		
10	74379465	Cable S–6(EX)	6018298		1		
11	74379466	Cable S–9(EX)	6018304		1		
22	74379470	Cable T–4(EX)	6571666		1		
26	74379467	Cable T–16(EX)	6018383		1		
28	74379472	Cable T–25(EX)	6577357		1		
29	74379469	Cable T–30(EX)	6502981		1		
30	74379468	Cable T–50	6500455		1		
33	74379471	Cable T–61	6573377 A		1		
45	74379473	Cable PHH–24(EX)	6577358		1		

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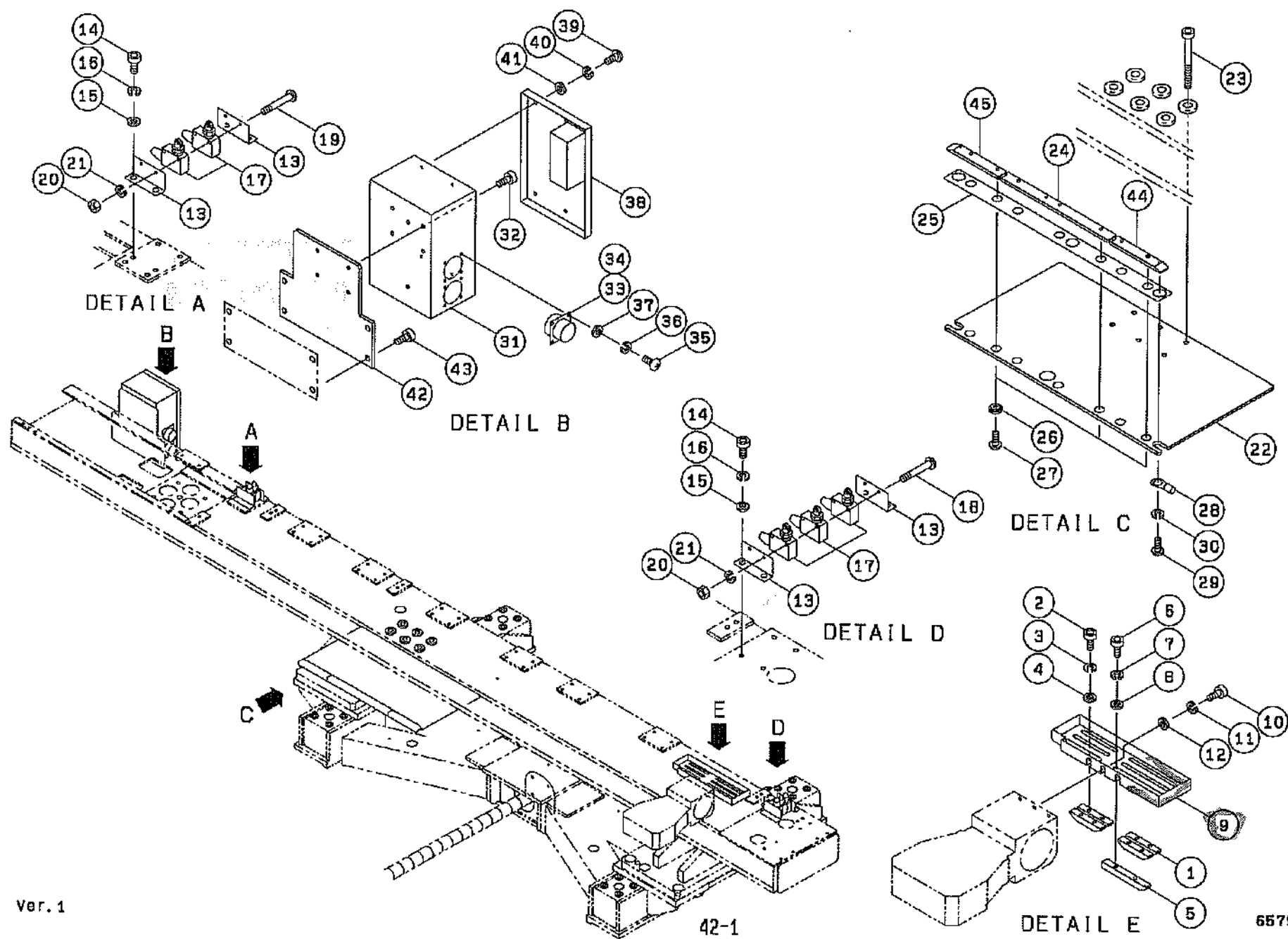


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UNIT NO. 42
Electric(2)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74306902	Dog(Ot)	0818707 A		4		
2	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	8		
3	74300517	Spring Washer	P336050005	6	8		
4	74302328	Washer	P336000005	6(Regular Round)	8		
5	74306908	Dog(B)	0808516 A		1		
6	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
7	74300517	Spring Washer	P336050005	6	2		
8	74302328	Washer	P336000005	6(Regular Round)	2		
9	74379474	X-axis Dog Bracket	6530885 C		1		
10	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	3		
11	74300518	Spring Washer	P336050006	8	3		
12	74300511	Washer	P336000006	8(Regular Round)	3		
13	74721885	X-axis LS Bracket	0830823		4		
14	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	8		
15	74300511	Washer	P336000006	8(Regular Round)	8		
16	74300518	Spring Washer	P336050006	8	8		
17	36322919	Limit Switch	P828013004	SL1-A (Yamatake)	5		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74307622	Pan Head Screw	P334100033	M4X65	2		
19	74355812	Pan Head Screw	P334100029	M4X45	2		
20	74722744	Nut	P332000028	M4(Type-1)	4		
21	74300515	Spring Washer	P336050003	4	4		
22	74379481	Detecting Bracket	6579082 A		1		
23	74300646	Hex Soc Cap Screw	P330233022	M8X110 (Unbrako)	6		
24	74379478	Detecting Plate(A)	6579079 A		1		
25	74379482	Insulating Plate	6579083		1		
26	74307662	Insulating Material	6501029		7		
27	74722757	Button Head Screw	P334503014	M6X10 (Unbrako)	7		
28	74379485	Solderless Terminal	P869203007	1.25-S4 (Daido)	3		
29	10566114	Pan Head Screw	P334100015	M4X5	3		
30	74300515	Spring Washer	P336050003	4	3		
31	74379475	CR Junction Box	6533701 A		1		
32	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
33	74379483	Plastic R Connector	P862032006	206151-1 (AMP)	1		
34	74379484	Plug Type Terminal	P862142002	66099-2 (AMP)	30		



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	10562123	Pan Head Screw	P334100004	M3X8	4		
36	74307612	Spring Washer	P336050002	3	4		
37	74722764	Washer	P336000002	3(Small Round)	4		
38	74379476	CR Junction Box Cover	6533702		1		
39	74305017	Pan Head Screw	P334100039	M5X10	4		
40	74300516	Spring Washer	P336050004	5	4		
41	74716206	Washer	P336000004	5(Small Round)	4		
42	74379477	CR Junction Box Bracket	6533793		1		
43	10343103	Hex Soc Cap Screw	P330230005	M8X16	4		
44	74379479	Detecting Plate(B)	6579080 A		1		
45	74379480	Detecting Plate(C)	6579081 A		1		



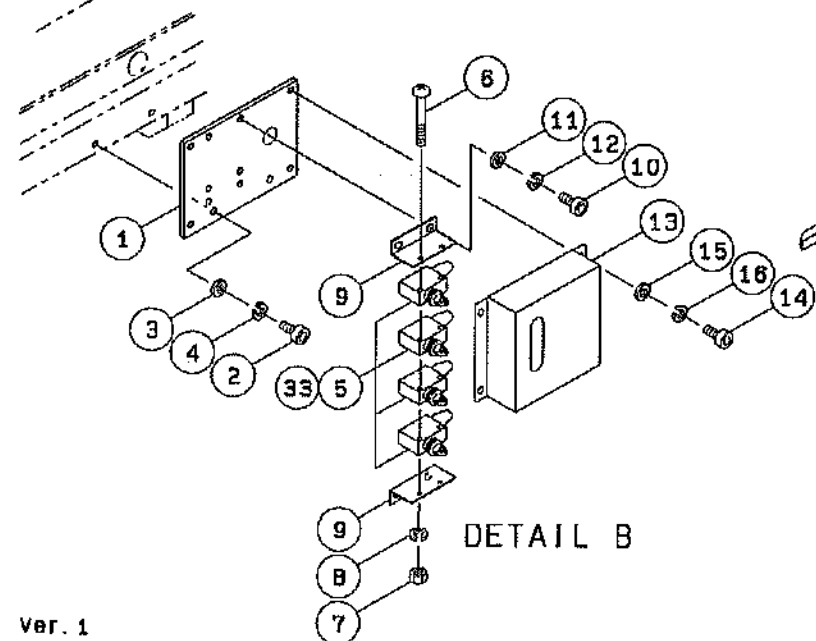
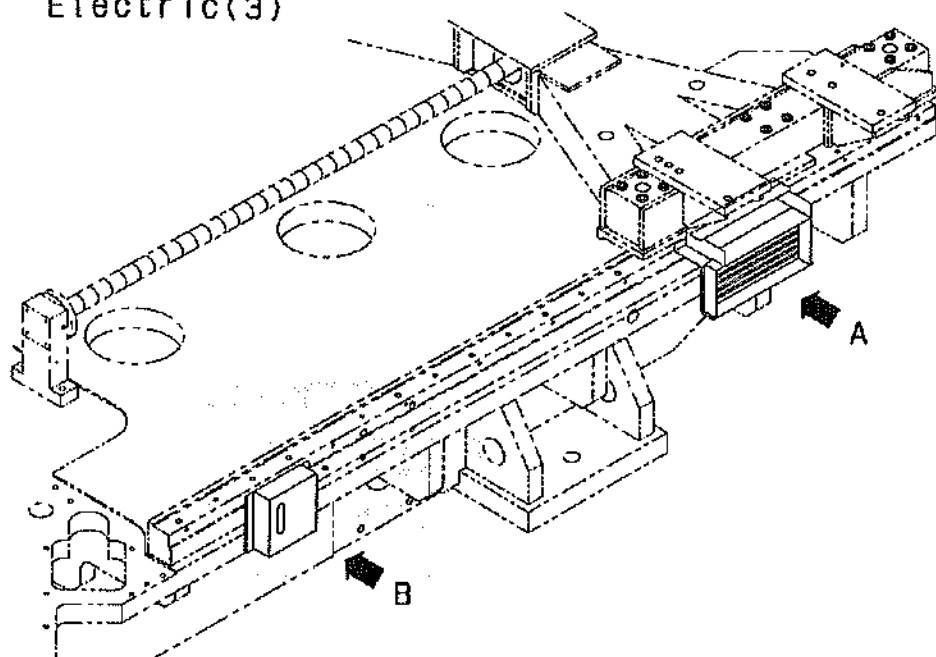
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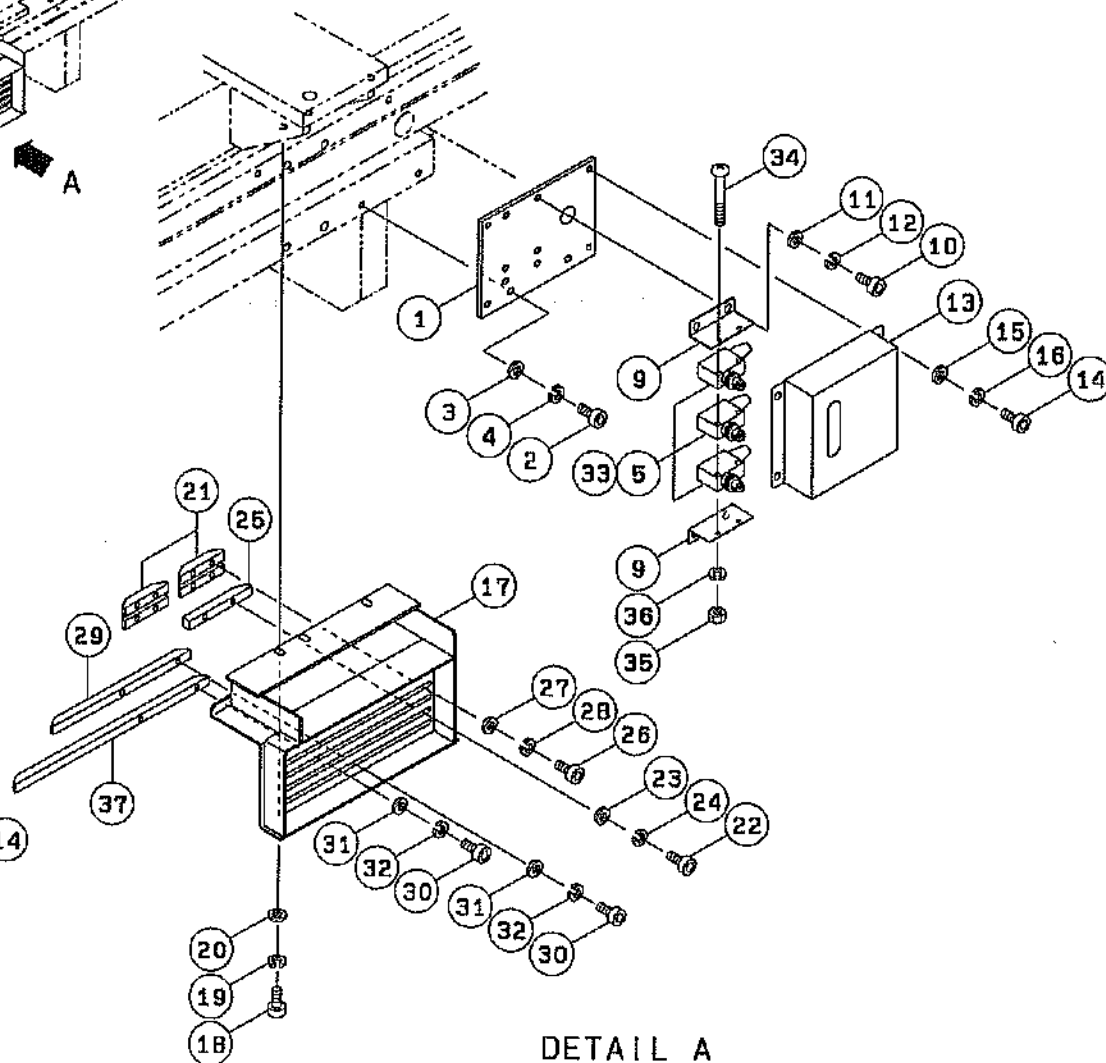
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UNIT NO. 43
Electric(3)

From serial No. 35820055 and after



DETAIL B



DETAIL A

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379486	LS Bracket(Y)	6530876 A		2		
2	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	4		
3	74300511	Washer	P336000006	8(Regular Round)	4		
4	74300518	Spring Washer	P336050006	8	4		
5	36322919	Limit Switch	P828013004	SL1-A (Yamatake)	7		
6	74307623	Pan Head Screw	P334100036	M4X85	2		
7	74722744	Nut	P332000028	M4(Type-1)	2		
8	74300515	Spring Washer	P336050003	4	2		
9	74721885	X-axis LS Bracket	0830823		4		
10	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	8		
11	74300511	Washer	P336000006	8(Regular Round)	8		
12	74300518	Spring Washer	P336050006	8	8		
13	74379487	LS Cover(Y)	6530877 A		2		
14	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	8		
15	74300511	Washer	P336000006	8(Regular Round)	8		
16	74300518	Spring Washer	P336050006	8	8		
17	74379488	Dog Bracket(Y)	6570336		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	3		
19	74300518	Spring Washer	P336050006	8	3		
20	74300511	Washer	P336000006	8(Regular Round)	3		
21	74306908	Dog(B)	0808516 A		1		
22	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
23	74302328	Washer	P336000005	6(Regular Round)	2		
24	74300517	Spring Washer	P336050005	6	2		
25	74306902	Dog(Ot)	0818707 A		4		
26	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	8		
27	74302328	Washer	P336000005	6(Regular Round)	8		
28	74300517	Spring Washer	P336050005	6	8		
29	74379489	Dog(Out Deceleration)	6573812		1		
30	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	4		
31	74302328	Washer	P336000005	6(Regular Round)	4		
32	74300517	Spring Washer	P336050005	6	4		
33	74723041	Fitting For Conduit	P866108009	NC-1 (Nikko)	2		
34	74307622	Pan Head Screw	P334100033	M4X65	2		

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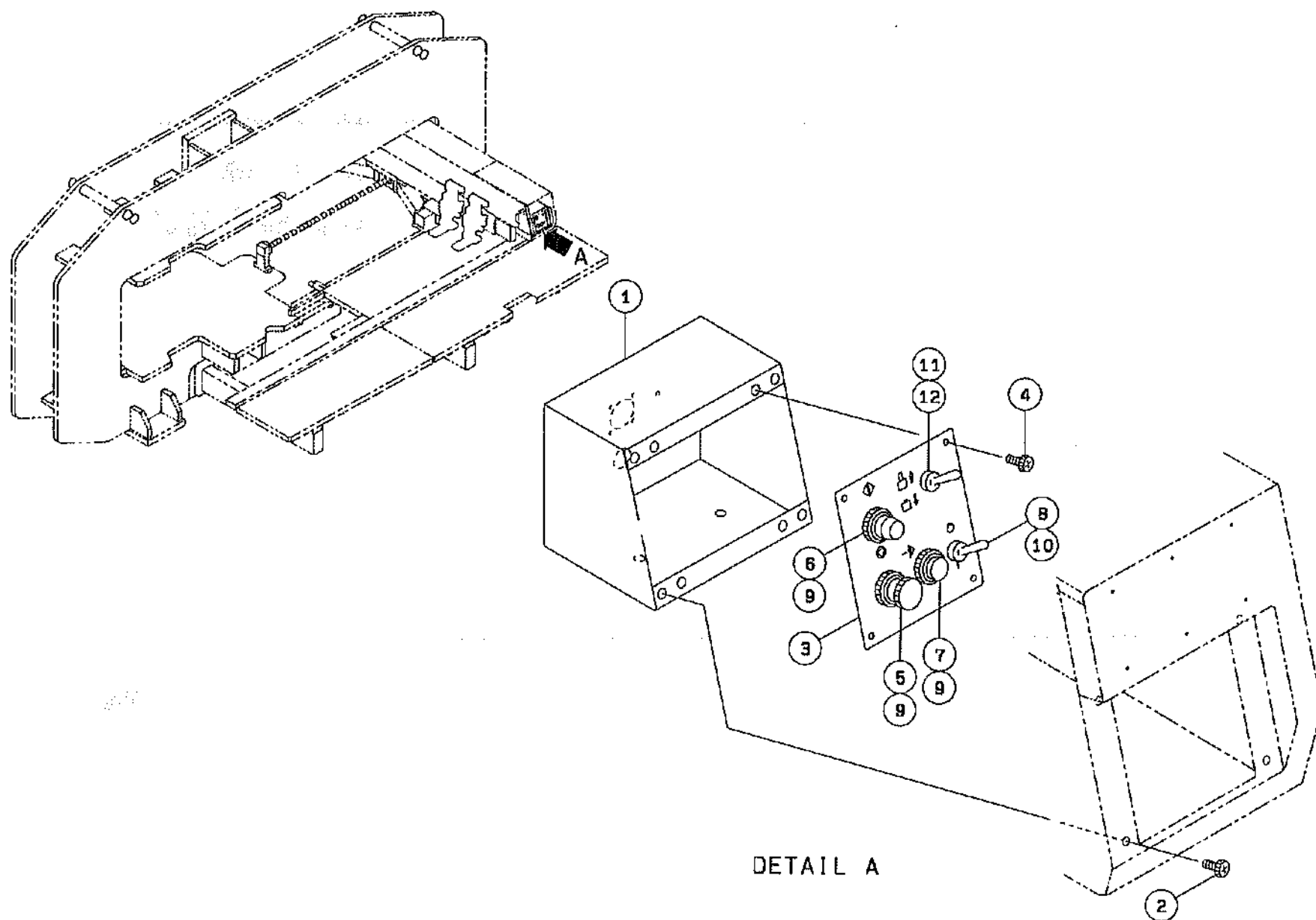


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From Serial No. 35820055 and after

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74722126	Carriage Operating Box	6530889		1		
2	74722795	Finger Screw	P338048002	NO.3-M6X15 (Mouri)	4		
3	74379490	Carriage Operating Plate	6502740		1		
4	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	4		
5	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
6	74308605	Push Switch	P821124009	AH30-G1G10 (Fuji)	1		
7	74308603	Push Switch	P821124007	AH30-FY10 (Fuji)	1		
8	74723021	Toggle Switch	P823008001	AJ3110 (Matsushita)	1		
9	74379492	Accessory(Switch)	P821804002	AHX085 (Fuji)	3		
10	74723022	Accessory(Toggle S)	P823088001	WD1911 (Matsushita)	1		
11	74723021	Toggle Switch	P823008001	AJ3110 (Matsushita)	1		
12	74723022	Accessory(Toggle S)	P823088001	WD1911 (Matsushita)	1		



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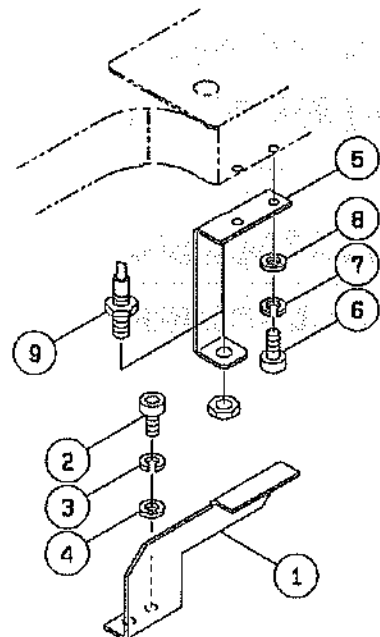
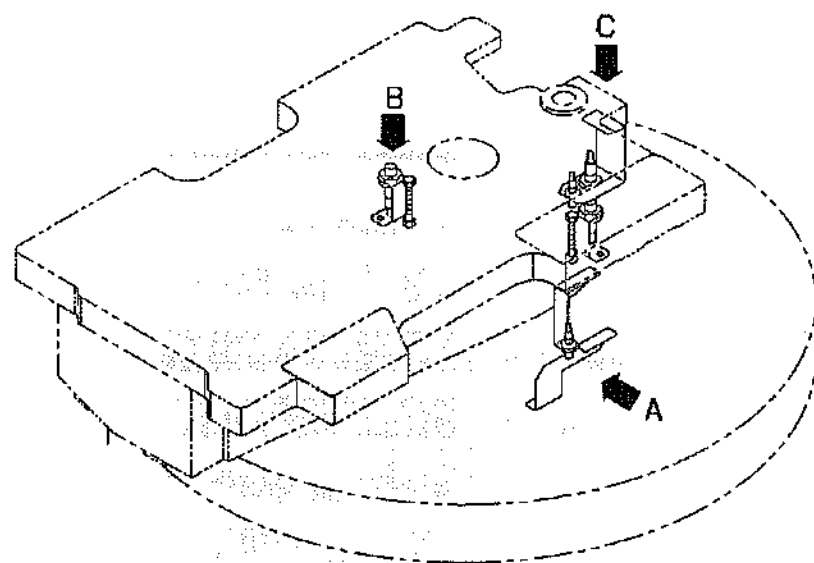
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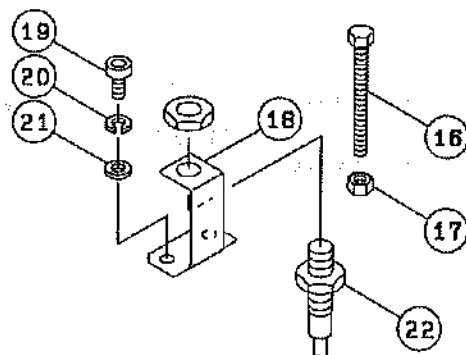
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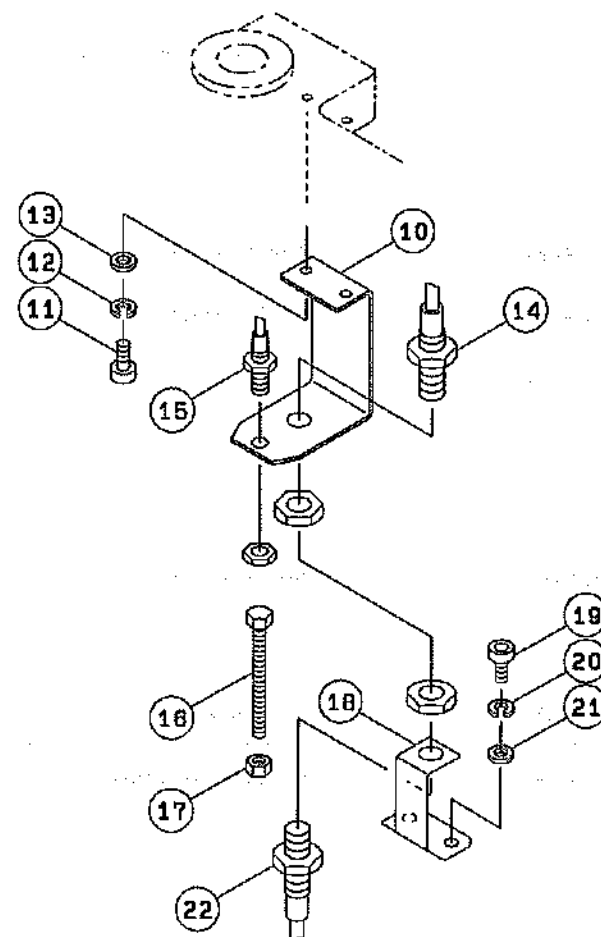
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DETAIL A



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DETAIL B



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DETAIL C

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379493	Origin Dog	6532836		1		
2	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
3	74300518	Spring Washer	P336050006	8	2		
4	74300511	Washer	P336000006	8(Regular Round)	2		
5	74379494	Proximity Switch Bracket(T)	6532837		1		
6	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
7	74300518	Spring Washer	P336050006	8	2		
8	74300511	Washer	P336000006	8(Regular Round)	2		
9	74379499	Proximity Switch	P829002124	E2E-X3D2-N(2M) (OMRON)	1		
10	74379495	Proximity Switch Bracket(C)	6532838 A		1		
11	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
12	74300518	Spring Washer	P336050006	8	4		
13	74300511	Washer	P336000006	8(Regular Round)	4		
14	74379501	Proximity Switch	P829003026	FL7M-5J6(5M) (Yamatake)	1		
15	74379498	Proximity Switch	P829002120	E2E-X3D1-N(5M) (OMRON)	1		
16	74379497	Bolt	P330040030		2		
17	75420649	Nut	P332000032		2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379496	Bracket(A)	6570341 A		2		
19	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
20	74300518	Spring Washer	P336050006	8	4		
21	74300511	Washer	P336000006	8(Regular Round)	4		
22	74379502	Accessory(Switch)	P829133001	FLW-CH1C(2M) (Yamatake)	2		



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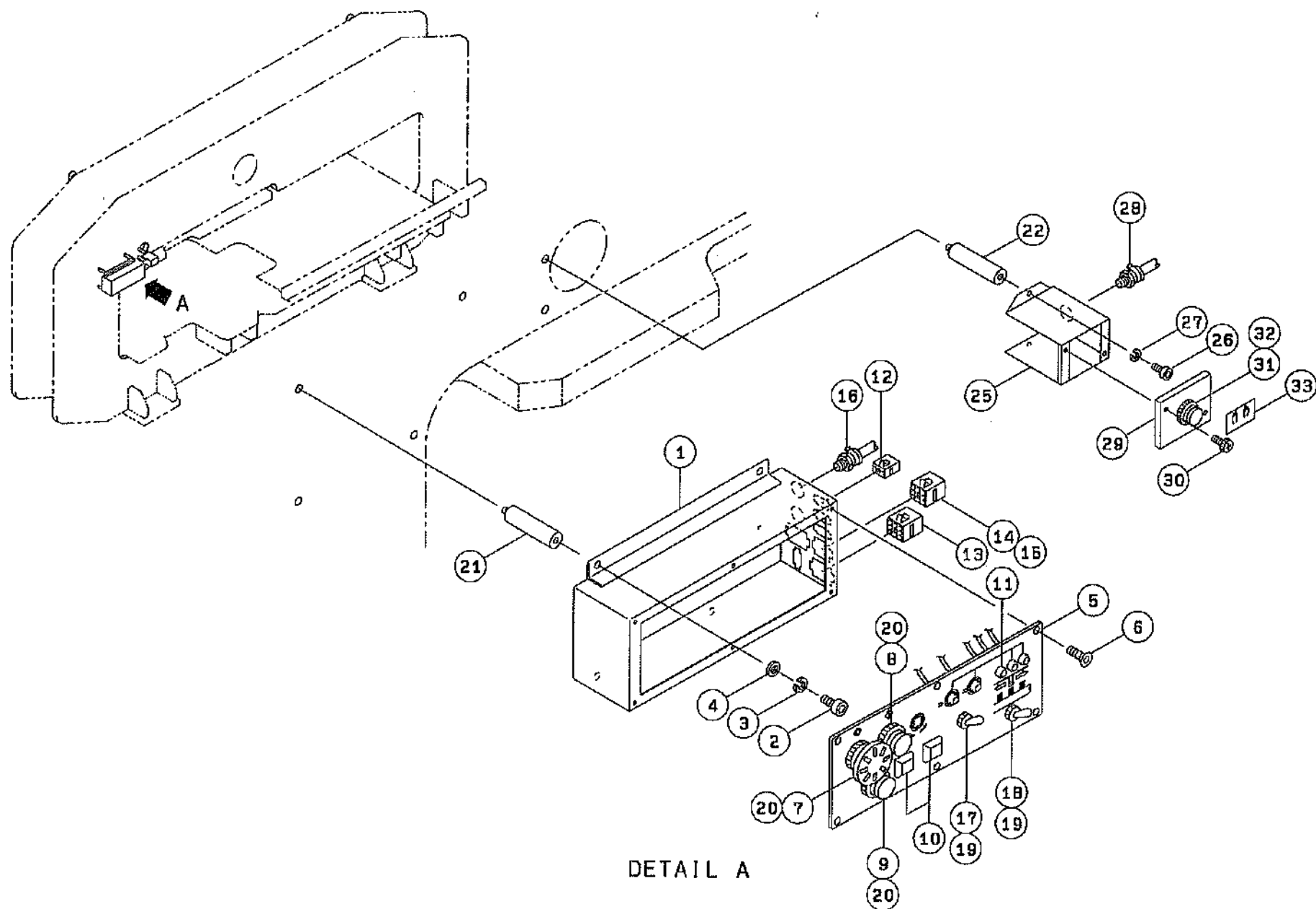


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379505	Sub Control Box	6571659		1		
2	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
3	74300518	Spring Washer	P336050006	8	4		
4	74300511	Washer	P336000006	8(Regular Round)	4		
5	74379506	Sub Control Panel Plate(EX)	6577401		1		
6	75420809	Flat Head Bolt	P334533004	M5X10LOC-WEL (Unbrako)	6		
7	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
8	74308602	Push Switch	P821124004	AH30-FG10 (Fuji)	1		
9	74308603	Push Switch	P821124007	AH30-FY10 (Fuji)	1		
10	74712503	Push Switch	P821084017	AH22-SFG10 (Fuji)	2		
11	74308534 (74340952)	Indicator Apparatus	P843018001	BD-1403A (Okaya)	5		
12	71139539	Rectangle Connector	P862042025	1-480701-0 (AMP)	4		
13	74379509	Rectangle Connector	P862042010	1-480711-0 (AMP)	2		
14	74379510	Rectangle Connector	P862042026	1-480709-0 (AMP)	1		
15	74306812	Plug Type Terminal	P862142001	350550-1 (AMP)	42		
16	74307815	Fitting For Conduit	P866028002	ABS-1616	2		
17	74379507	Toggle Switch	P823008003	WD1114 (Matsushita)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379508	Toggle Switch	P823008005	WD1122 (Matsushita)	1		
19	74723022	Accessory(Toggle S)	P823088001	WD1911 (Matsushita)	2		
20	74379492	Accessory(Switch)	P821804002	AHX085 (Fuji)	3		
21	74379503	Stud(Operating Box)	6530883		4		
22	74379504	Stud(Aux. SW)	6534151		2		
23	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
24	74300518	Spring Washer	P336050006	8	2		
25	74307406	Switch Box	6502708		1		
26	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
27	74300517	Spring Washer	P336050005	6	2		
28	74308126	Fitting For Conduit	P866108006	NC-1 (Kitagawa)	1		
29	74307407	Cap	6502709		1		
30	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	2		
31	75410557	Push Switch	P821124002	AH30-FB10 (Fuji Elect)	1		
32	74379492	Accessory(Switch)	P821804002	AHX085 (Fuji)	1		
33	74307484	Sticker(Turret)	6502741		1		

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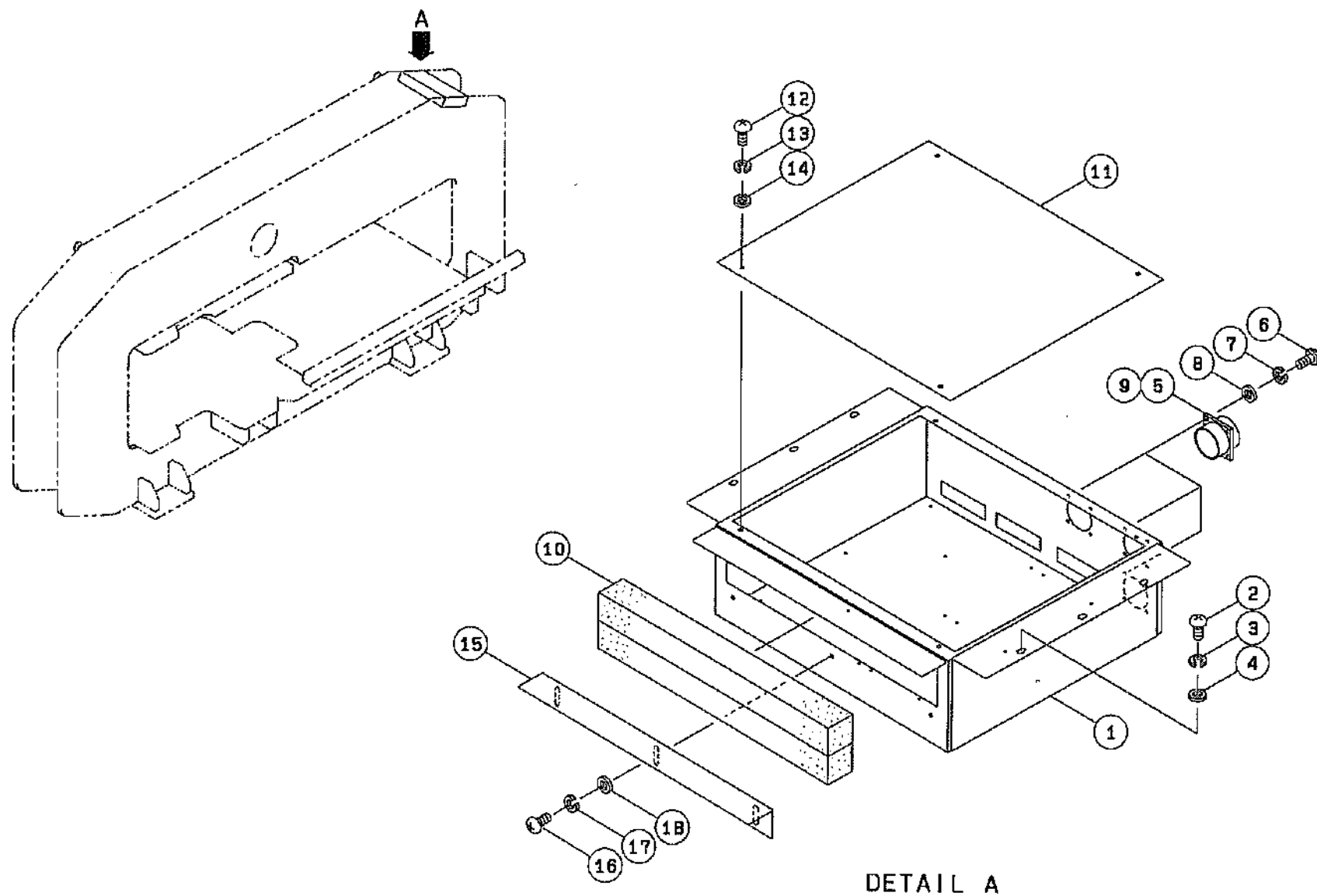
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UNIT NO. 47
Electric(7)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379511	T Junction Box	6570334 A		1		
2	74300624	Button Head Screw	P334500015	M6X15	6		
3	74300517	Spring Washer	P336050005	6	6		
4	74302328	Washer	P336000005	6(Regular Round)	6		
5	74379483	Plastic R Connector	P862032006	206151-1 (AMP)	3		
6	74307620	Pan Head Screw	P334100005	M3X10	12		
7	74307612	Spring Washer	P336050002	3	12		
8	74722764	Washer	P336000002	3(Small Round)	12		
9	74379484	Plug Type Terminal	P862142002	66099-2 (AMP)	78		
10	74379512	Rubber Sponge	P230580035	CR-T40X40X382	2		
11	74306923	T Junction Box Cover	601819002		1		
12	74305017	Pan Head Screw	P334100039	M5X10	4		
13	74300516	Spring Washer	P336050004	5	4		
14	74716206	Washer	P336000004	5(Small Round)	4		
15	74306934	T Junction Box Cable Clamp	601819003		1		
16	74305017	Pan Head Screw	P334100039	M5X10	3		
17	74300516	Spring Washer	P336050004	5	3		

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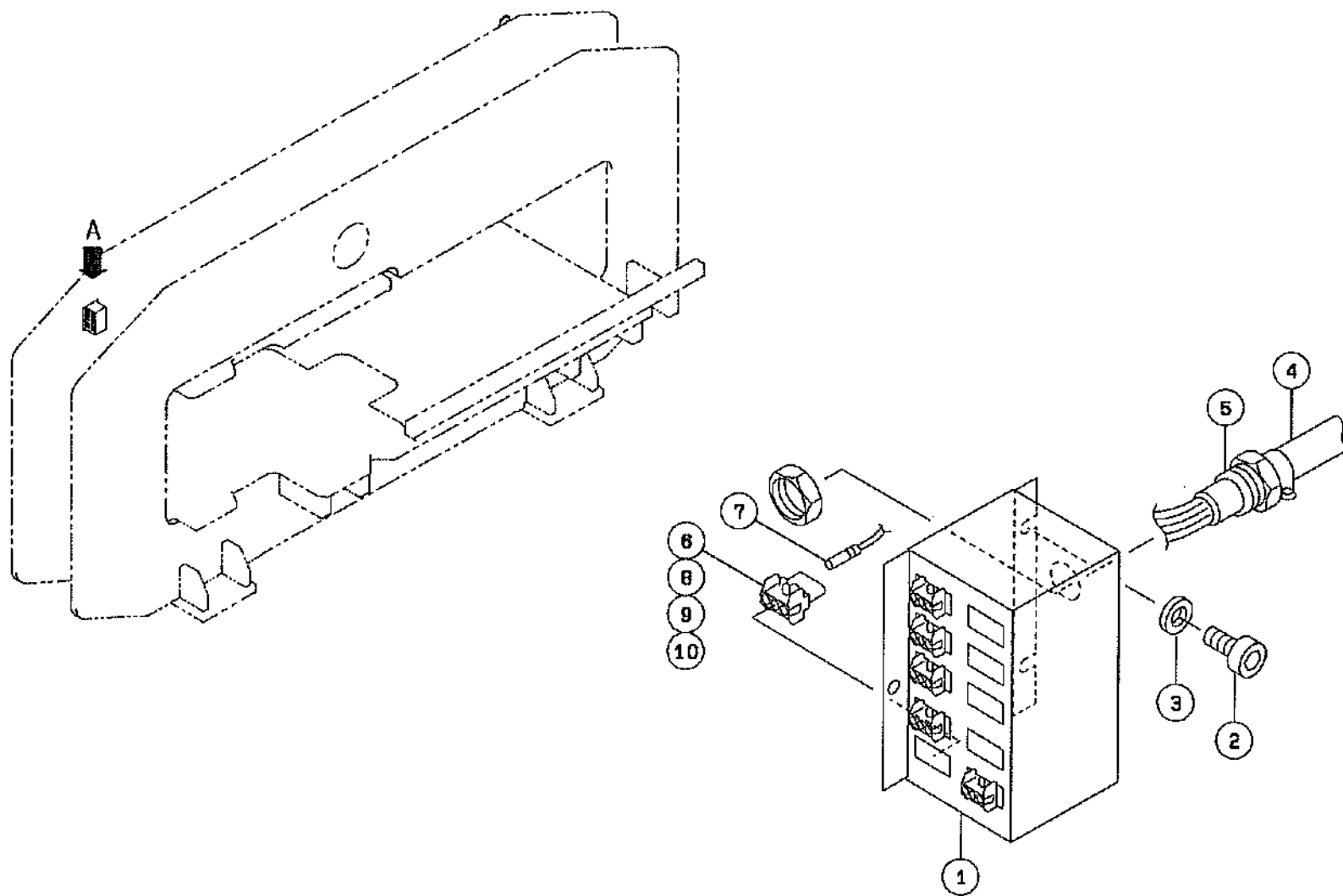


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DETAIL A

From Serial No. 35820055 and after

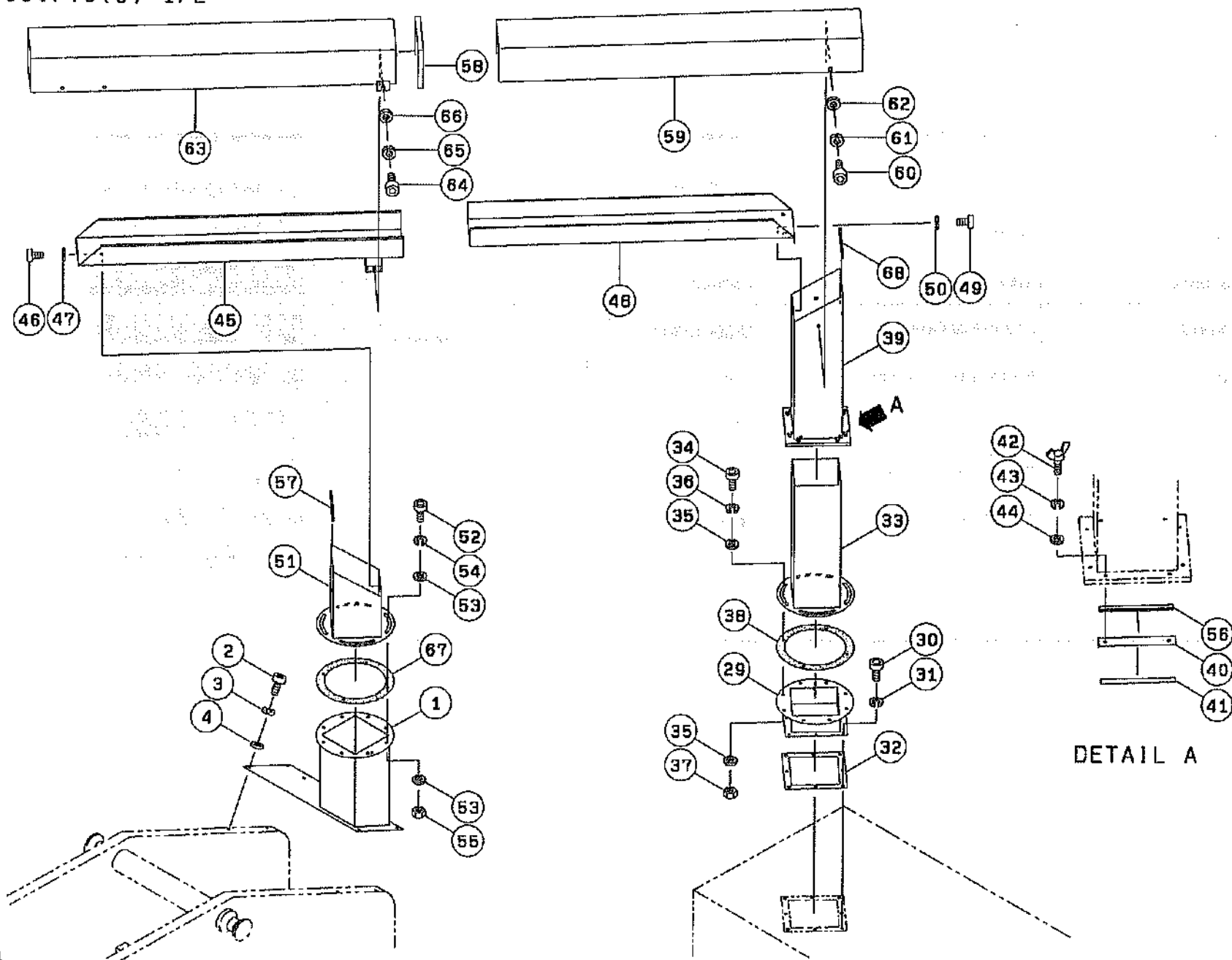
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74712056	IC Junction Box	0818534 A		1		
2	74300604	Hex Soc Cap Screw	P330220006	M6X15	3		
3	74302328	Washer	P336000005	6(Regular Round)	3		
4	74379513	Cable IC-1	0818524 A		1		
5	74308126	Fitting For Conduit	P866108006	NC-1 (Kitagawa)	1		
6	71139539	Rectangle Connector	P862042025	1-480701-0 (AMP)	6		
7	74306812	Plug Type Terminal	P862142001	350550-1 (AMP)	13		
8	74519933	Rectangle Connector	P862042006	1-480700-0 (AMP)	6		
9	74341108 (74521831)	Plug Type Terminal	P862142003	350547-1 (AMP)	13		
10	74306823	Electro Tap	P862002001	171425-1 (AMP)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379514	Slant Duct	6577381 B		1		
2	74159713	Hex Soc Cap Screw	P330220007	M6X16	4		
3	74300517	Spring Washer	P336050005	6	4		
4	74302328	Washer	P336000005	6(Regular Round)	4		
29	74307026	Connection Duct	6018351		1		
30	74300604	Hex Soc Cap Screw	P330220008	M6X15	8		
31	74300517	Spring Washer	P336050005	6	8		
32	74307420	Connection Packing	0828699 A		1		
33	74307504	Inner Telescope	6018352		1		
34	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
35	74300511	Washer	P336000006	8(Regular Round)	8		
36	74300518	Spring Washer	P336050006	8	4		
37	10001517	Nut	P332000064	M8(Type-1)	4		
38	74307417	Direction Packing	0828698 A		1		
39	74307501	Outer Telescope	6018353 A		1		
40	74307508	Stopper	0828833		4		
41	74307513	Push Rod	0828838		4		

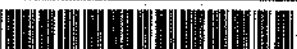
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
42	74722793	Wing Bolt	P338020001	Type-2 M4X25	8		
43	74300515	Spring Washer	P336050003	4	8		
44	74716205	Washer	P336000003	4(Small Round)	8		
45	74379515	H.O Duct	6577382		1		
46	74300604	Hex Soc Cap Screw	P330220006	M6X15	1		
47	74300517	Spring Washer	P336050005	6	1		
48	74379516	H.I Duct	6577383		1		
49	74300604	Hex Soc Cap Screw	P330220006	M6X15	1		
50	74300517	Spring Washer	P336050005	6	1		
51	74307517	Vertical Duct	6018356 B		1		
52	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
53	74300511	Washer	P336000006	8(Regular Round)	8		
54	74300518	Spring Washer	P336050006	8	4		
55	10001517	Nut	P332000064	M8(Type-1)	4		
56	74306820	Rubber Packing	0383322 A		4		
57	74306820	Rubber Packing	0383322 A		1		
58	74306820	Rubber Packing	0383322 A		1		

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From Serial No. 35820055 and after

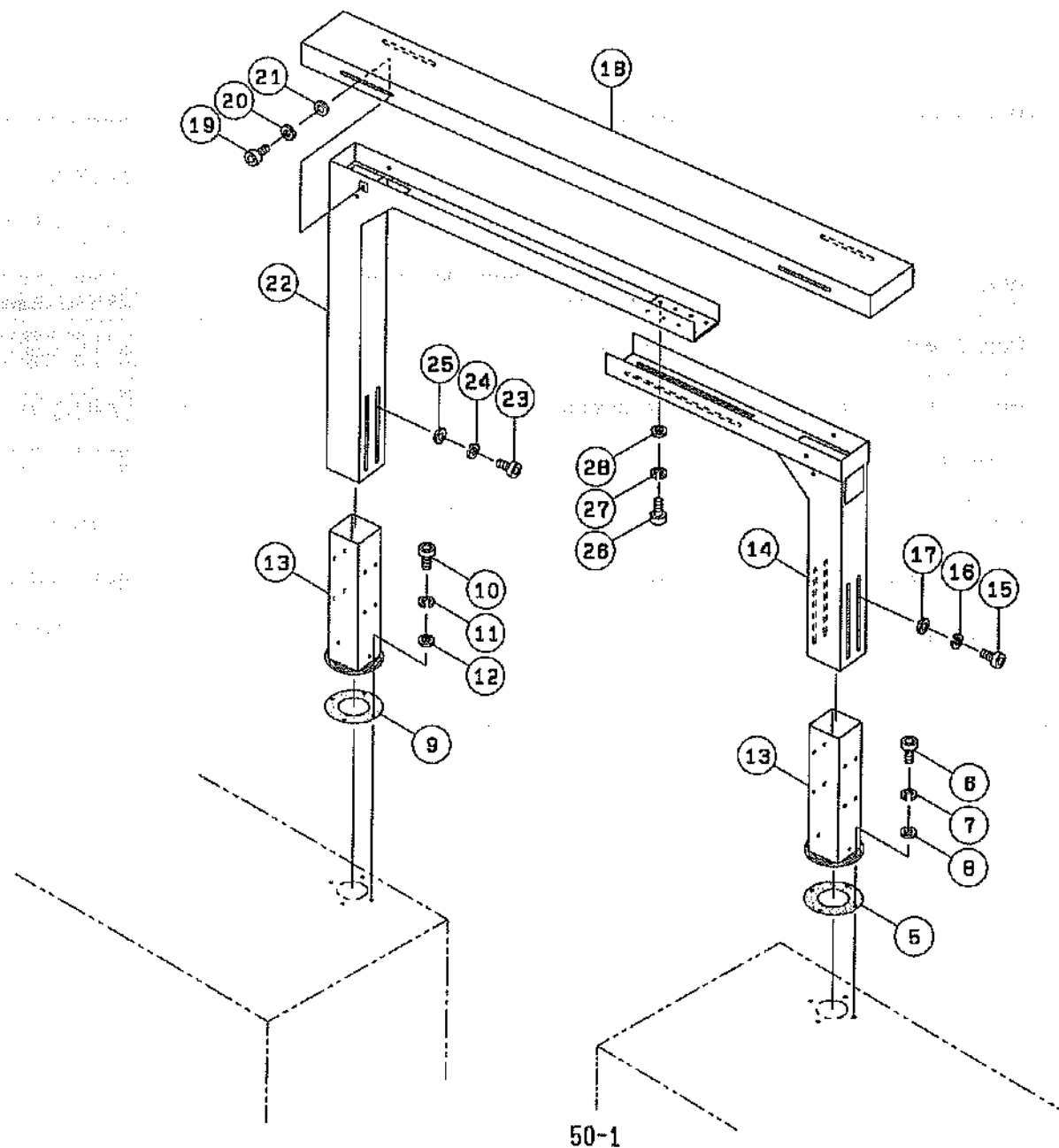
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
59	74379517	Duct Cover(I)	6577384		1		
60	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
61	74300517	Spring Washer	P336050005	6	2		
62	74302328	Washer	P336000005	6(Regular Round)	2		
63	74379518	Duct Cover(O)	6577385		1		
64	74300604	Hex Soc Cap Screw	P330220006	M6X15	4		
65	74300517	Spring Washer	P336050005	6	4		
66	74302328	Washer	P336000005	6(Regular Round)	4		
67	74307417	Direction Packing	0828698 A		1		
68	74306820	Rubber Packing	0383322 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
5	74307550	Rubber Packing	6500465		1		
6	74302815	Hex Soc Cap Screw	P330220009	M6X20	4		
7	74300517	Spring Washer	P336050005	6	4		
8	74302328	Washer	P336000005	6(Regular Round)	4		
9	74368555	Rubber Packing	6500471		1		
10	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
11	74300518	Spring Washer	P336050006	8	4		
12	74300511	Washer	P336000006	8(Regular Round)	4		
13	74721105	Duct(1)	6500461 B		2		
14	74368540	Duct(2)	6500462 A		1		
15	74300604	Hex Soc Cap Screw	P330220006	M6X15	8		
16	74300517	Spring Washer	P336050005	6	8		
17	74302328	Washer	P336000005	6(Regular Round)	8		
18	74379519	Duct Cover	6577386		1		
19	75168220	Hex Soc Cap Screw	P330210006	M5X15	4		
20	74300516	Spring Washer	P336050004	5	4		
21	74716206	Washer	P336000004	5(Small Round)	4		

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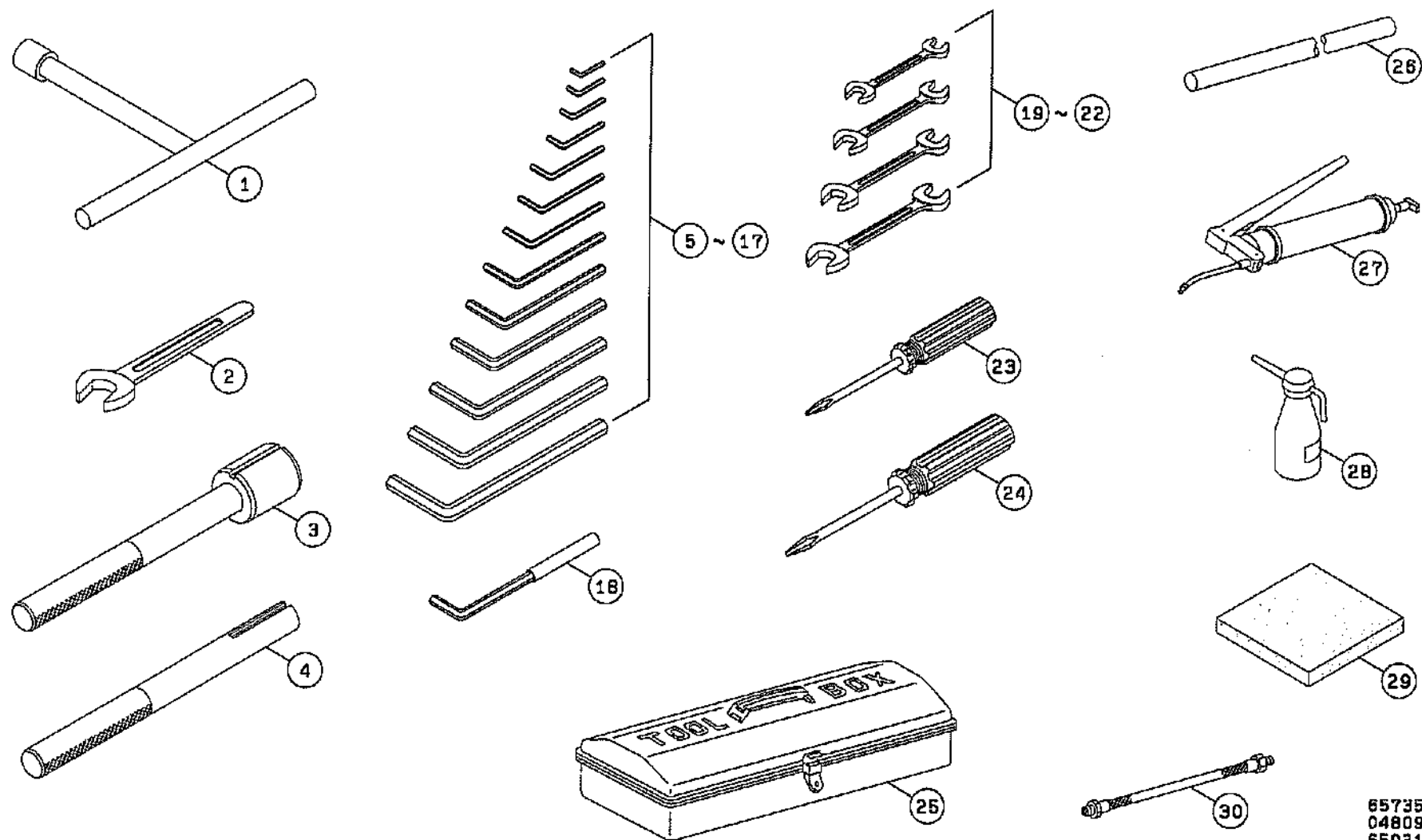
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UNIT NO. 51 From serial No. 35820055 and after
Standard Accessory-1/2



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379521	T Wrench	P350028001	THW-05	1		
2	74379522	Single Ended Spanner	P351000015	60	2		
3	74353204	Upper Guide 1.1/4"	0827492		1		
4	74353203	Upper Guide 1/2"	0827491		1		
5	74713295	Socket Screw Key	P351033012	1.27 (Unbrako)	1		
6	74713284	Socket Screw Key	P351030020	1.4	1		
7	74379525	Socket Screw Key	P351030001	1.5	1		
8	74379527	Socket Screw Key	P351030021	1.58	1		
9	71360778	Socket Screw Key	P351030002	2	1		
10	71360779	Socket Screw Key	P351030003	2.5	1		
11	71360780	Socket Screw Key	P351030004	3	1		
12	71360781	Socket Screw Key	P351030005	4	1		
13	71360782	Socket Screw Key	P351030006	5	1		
14	71360783	Socket Screw Key	P351030007	6	1		
15	71360784	Socket Screw Key	P351030008	8	1		
16	71360785	Socket Screw Key	P351030009	10	1		
17	74379526	Socket Screw Key	P351030015	24	2		

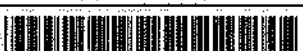
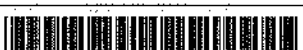
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74375726	Spanner	0827132		1		
19	10345206	Spanner	P351010001	8X10	1		
20	74379523	Spanner	P351010002	10X13	1		
21	74379524	Spanner	P351010011	17X19	1		
22	10366512	Spanner	P351010012	22X24	1		
23	74713297	Driver	P353000003	H1(Normal)	1		
24	74713298	Driver	P353000004	H2(Normal)	1		
25	74713301	Tool Box	P370118001	MY-5 (Tanabe)	1		
26	74713281	Copper Alloy Bar	P120100001	C3604BD-D25X300	1		
27	74713369	Grease Gun	P359308004	GP-200 (Daiya)	1		
28	71360789	Oiler	P359108001	301(Red) (Hurupura)	1		
29	74713282	Rubber(NBR)	P230600008	T20X200X200	4		
30	71675639	Nozzle Pipe	P560478002	SPK-3C (Yamada)	1		

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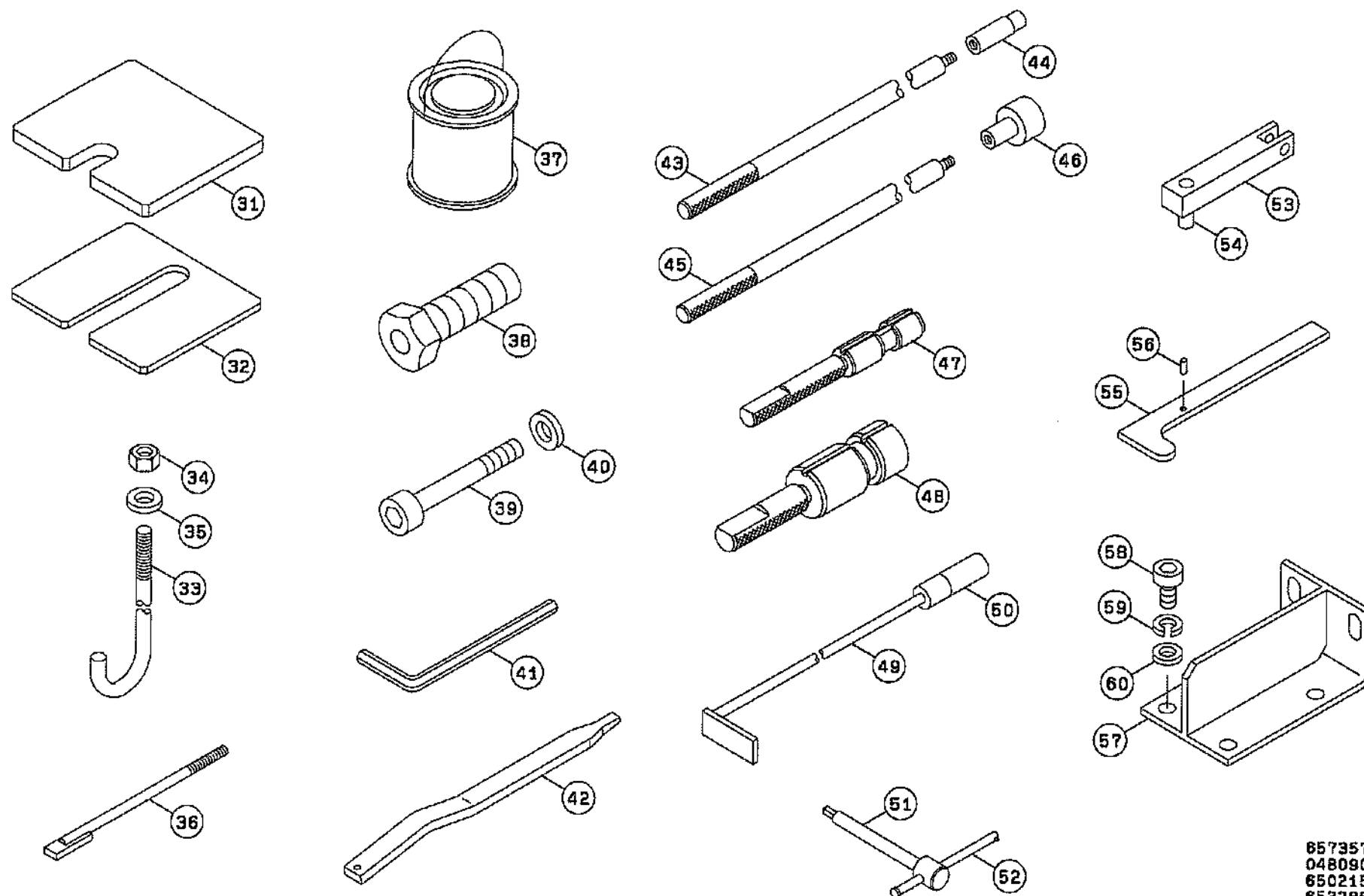


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UNIT NO. 52 From serial No. 35820055 and after
Standard Accessory-2/2



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
31	74375801	Base Plate	0827141 A		4		
32	74375805	Shim	0827142 A		30		
33	74713273	Foundation Bolt	P338010011	J-M30X630	4		
34	74320426	Nut	P332000012	M30	4		
35	74713272	Washer	P336000016	30(Regular Round)	4		
36	74713250	Magnet Lifter	P359908001	KC-3-B (Itteku)	1		
37	74713283	Paint	P237000001	0.5L	1		
38	74304332	Adjusting Bolt	0813120		2		
39	74304911	Hex Soc Cap Screw	P330230014	M8X60	2		
40	74300511	Washer	P336000006	8(Regular Round)	2		
41	74535519	Socket Screw Key	P351038003	IT20 (Gosho)	2		
42	74375861	Jig For Die Spacer	6018124		1		
43	74375809	Die Guide Bar	0480908		1		
44	74375810	Die Guide 1/2"	0480909		1		
45	74375809	Die Guide Bar	0480908		1		
46	74375811	Die Guide 1.1/4"	0480910		1		
47	74353213	Jig	0480918 B		2		

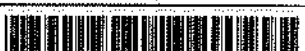
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
48	74353214	Jig	0480919 B		2		
49	74320515	Stick	0817006		1		
50	74514027	Knob	P317264001	BG6 (Imao)	1		
51	74320525	Wrench	0480921		1		
52	74320530	Shaft	0480922		1		
53	74320540	Arm	0807036 B		1		
54	74716162	Parallel Pin	P337048007	LC-D6X20 (Nitto Seik)	1		
55	74320545	Lever	0807037 B		1		
56	74716164	Parallel Pin	P337048002	LC-G5X12 (Nitto Seik)	1		
57	74379528	Y-axis Bracket	6570361		1		
58	36326128	Hex Soc Cap Screw	P330250004	M12X25	6		
59	74301615	Spring Washer	P336050008	12	6		
60	74303704	Washer	P336000008	12(Regular Round)	6		

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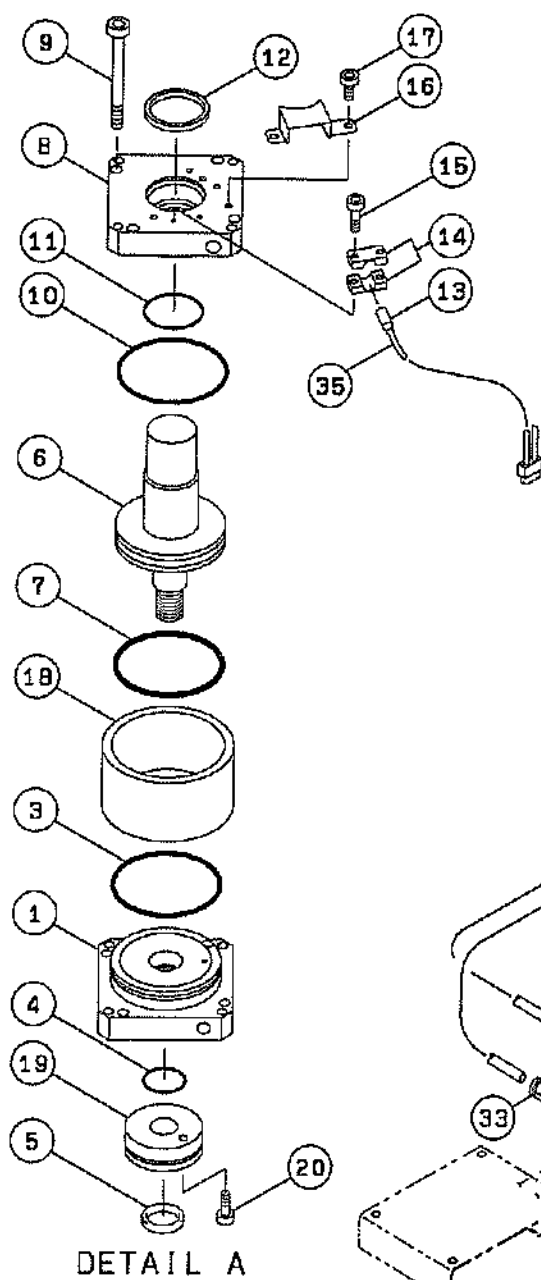
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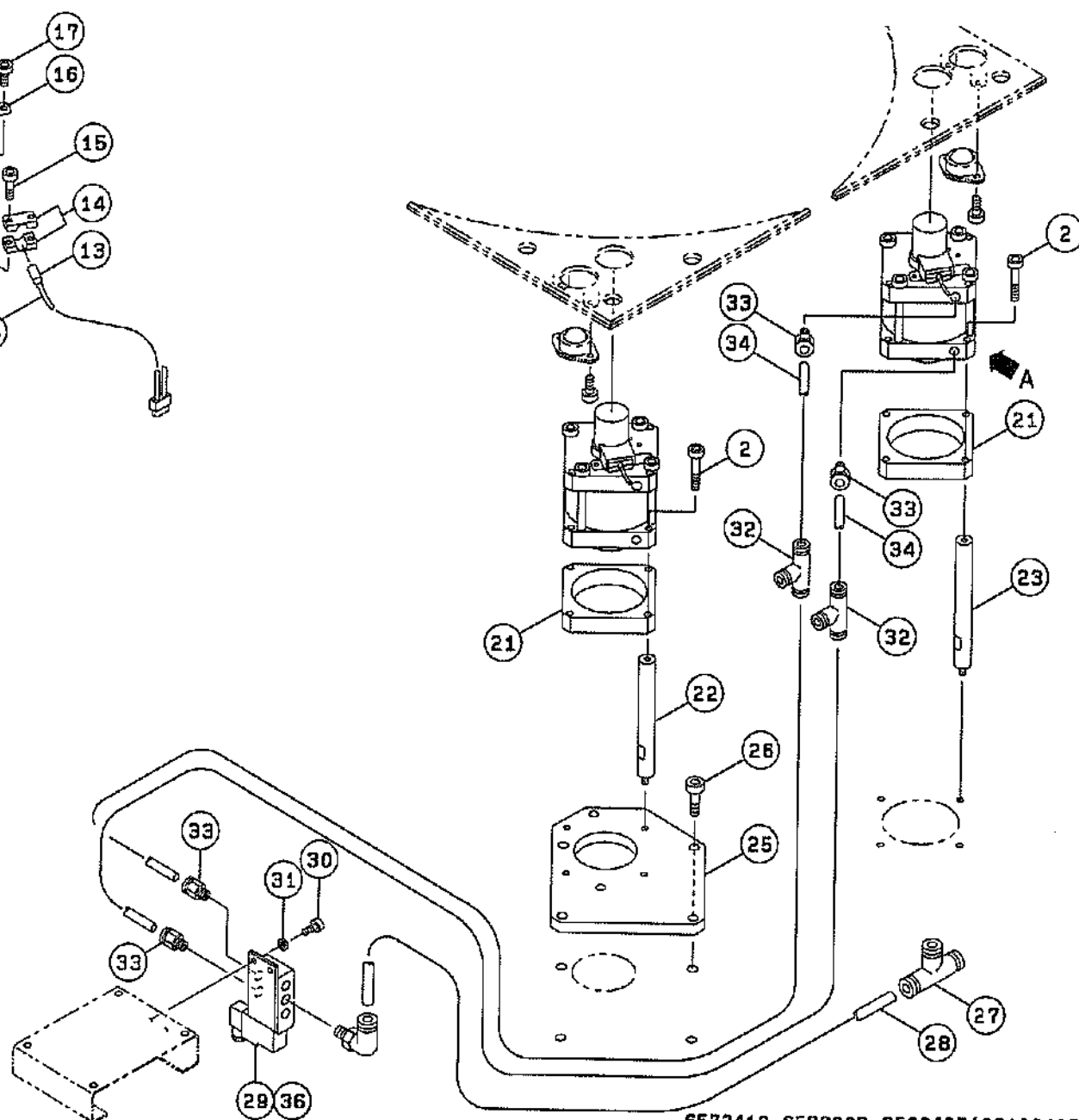


UNIT NO. 53
Support Cylinder

From serial No. 35820055 and after



DETAIL A



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74317013	Cylinder Base	0819041		2		
2	10443126	Hex Soc Cap Screw	P330230015	M8X65	8		
3	74379542	O Ring	P590010015	G95	2		
4	74379539	O Ring	P590000030	P30	2		
5	74379543	Wiper Ring	P590302003	DSI-30 (NOK)	2		
6	74379529	Support Rod	0819043 B		2		
7	74379541	O Ring	P590000066	P90	2		
8	74317011	Cylinder Cap	0819042 C		2		
9	74183668	Hex Soc Cap Screw	P330240023	M10X105	8		
10	74379542	O Ring	P590010015	G95	2		
11	74379540	O Ring	P590000049	P50	2		
12	78181804	Wiper Ring	P590302005	DSI-50 (NOK)	2		
13	74379544	Proximity Switch	P829002061	TL-X2F2(5M) (OMRON)	2		
14	74379538	Saddle For Conduit	P381018003	Y92E-B12 (OMRON)	2		
15	74314402	Hex Soc Cap Screw	P330200022	M4X25	4		
16	74379532	Proximity Switch Cover	6501042 A		2		
17	74302812	Hex Soc Cap Screw	P330220003	M6X10	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74317019	Cylinder	0826584		2		
19	74317025	Adjusting Nut	0826586		2		
20	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
21	74317022	Spacer	0819045		2		
22	74379533	Plate	6570381		4		
23	74379535	Plate(Front)	6573412		4		
25	74379534	Front Repositioning Base	6573411		1		
26	74302819 (74159710)	Hex Soc Cap Screw	P330250005	M12X30	4		
27	74379378	Instant Fitting	P586604013	EUT10 (Nitta)	1		
28	74722666	Plastic Hose	P230243014	UH30-10(Black)-0.5M (Junron)	1		
29	74379536	Air Directional V	7832275		1		
30	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	2		
31	74302328	Washer	P336000005	6(Regular Round)	2		
32	74338327	Instant Fitting	P586604012	EUT6 (Nitta)	2		
33	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	4		
34	74379537	Plastic Hose	P230222013	N2-4-6X4-5M (Nitta)	1		
35	74379530	Cable T-14	6018229 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
36	74379531	Cable T-24(EX)	6500424		1		

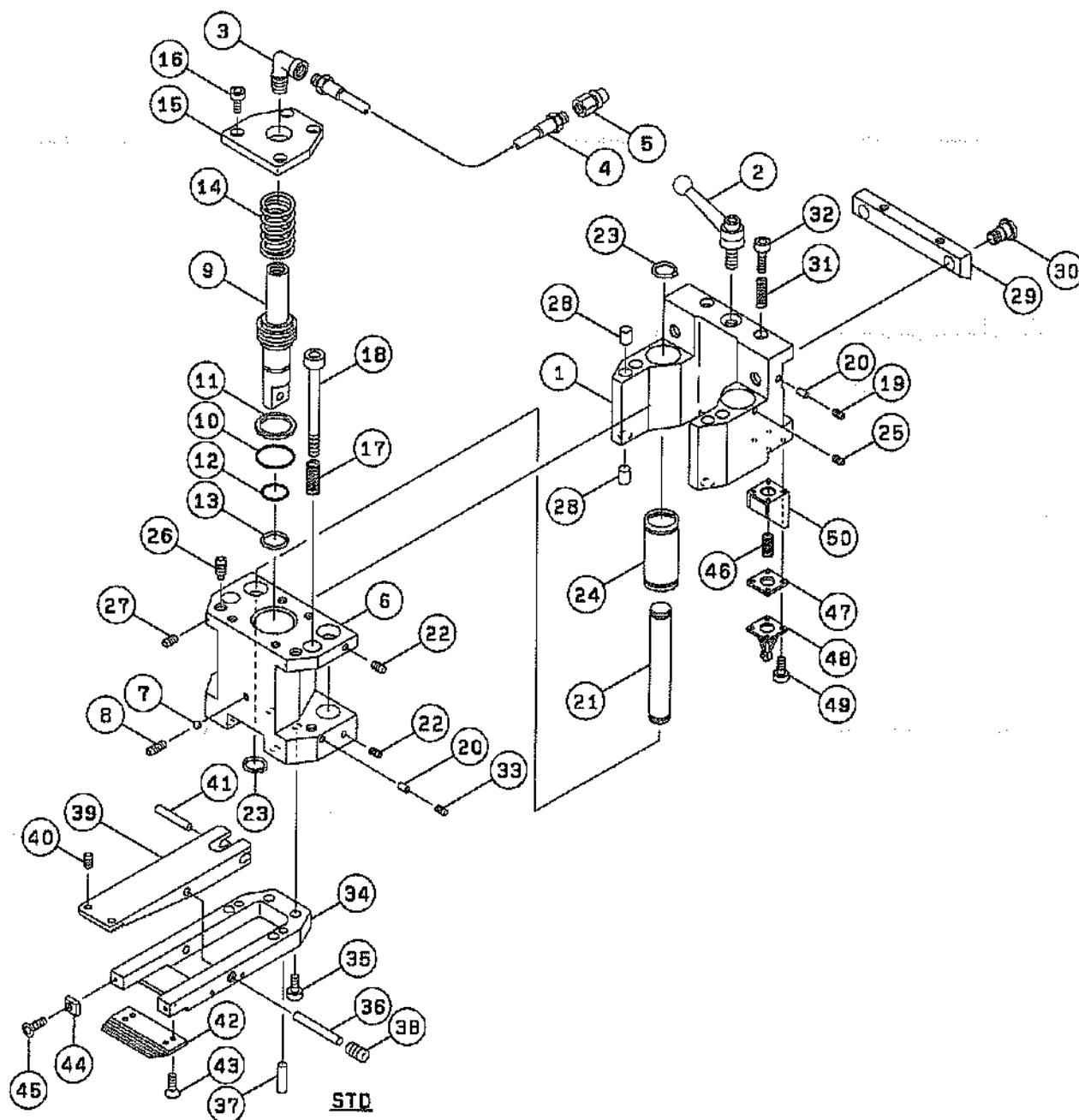


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UNIT NO. 54
Hydraulic Clamp (1)

From serial No. 03572804 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74303511	Clamp Housing	0826181 C		1		
2	74305232	Lever	P437354026	KR10X20 (Imao)	1		
3	74319006	Elbow	P580057004	SK-602 (Koyo)	1		
4	74315830	Hydraulic Hose	0827577 C		1		
5	74316006	Quick Connect Joint	P589026008	2HP (Nitto Koki)	1		
6	74371560	Cylinder	0826191 B		1		
7	74316027	Steel Ball	P406000002	3/16	1		
8	74716307	Socket Set Screw	P330603015	M6X10LOC-WEL (Unbrako)	1		
9	74371559	Piston	0826077 C		1		
10	74314825	O Ring	P590000033	P32	1		
11	74717104	Back Up Ring	P590042042	T2-P32 (NOK)	1		
12	74316012	O Ring	P590000020	P22	1		
13	74717102	Back Up Ring	P590042006	T2-P22 (NOK)	1		
14	74315813	Return Spring	0826047 A		1		
15	74315817	Cylinder Cover	0826179		1		
16	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
17	74315814	Hook Spring	5594212		2		

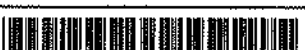
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74300564	Hex Soc Cap Screw	P330223029	M6X90 (Unbrako)	2		
19	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
20	74335701	Insert	0806073		4		
21	74335830	Stroke Shaft	0826187		2		
22	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	4		
23	74305214	Locating Snap Ring	P406108043	STW-20 (Ochiai)	4		
24	74335622	Stroke Bearing	6010232		2		
25	74377002	Socket Set Screw	P330580005	M4X4(cone-end)	2		
26	74305509	Socket Set Screw	P330570059	M10X14(dog-end)	2		
27	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
28	74335627	Cushion	0806009		4		
29	74335706	Lock Plate	0816004 A		1		
30	74335716	Pressure Pin	0816005 B		2		
31	74335617	Release Spring	0816006		2		
32	74717028	Shoulder Screw	P338135015	ST08X25 (Okita)	2		
33	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
34	74315823	Clamp Base	0826193 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
36	74379545	Straight Pin		D8X63	1		
37	74718146	Dowel Pin	P337050006	10X32(Inner Screw)M6	2		
38	74319125	Socket Set Screw	P330550048	M10X10(flat-end)	1		
39	74717045	Clamper	0826194 A		1		
40	74306410 (10335405)	Socket Set Screw	P330590011	M5X6(cup-end)	2		
41	74716156	Parallel Pin	P337020228	A-8X36	1		
42	74335711	Clamp Plate	0816025 C		1		
43	74161382	Flat Head Bolt	P334533005	M5X12LOC-WEL (Unbrako)	4		
44	74304620 (74161353)	Push Holder	0816026 C		2		
45	74319106	Flat Head Bolt	P334533009	M4X12LOC-WEL (Unbrako)	2		
46	74335607	Spring	0826015 C		2		
47	74335721	Spacer	0826016 C		2		
48	74312507	Head	7932020		2		
49	74304936	Hex Soc Cap Screw	P330203017	M4X16LOC-WEL (Unbrako)	8		
50	74335726	Head Cover	0826017 A		2		

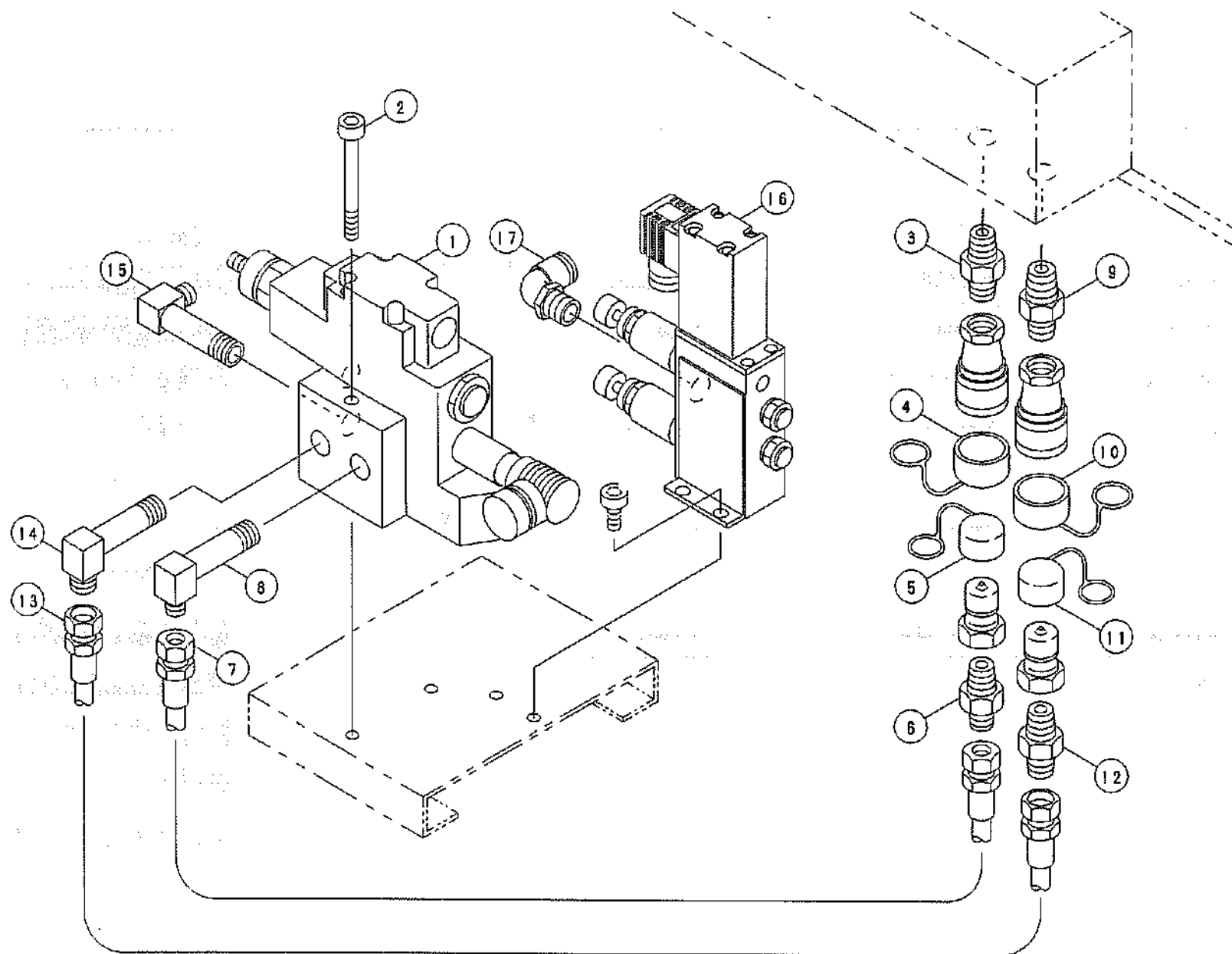
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UNIT NO. 55 From serial No. 35820055 and after
 Hydraulic Clamp (2)



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379546	Manifold For Hydraulic Clamp	7832161 B		1		
2	36334825	Hex Soc Cap Screw	P330230017	M8X75	2		
3	74379357	Hose Adapter	P589222049	2083-06 (YA)	1		
4	74379551	Accessory(Quick C J)	P589036005	Cap For 3S (Nitto Koki)	1		
5	74379552	Accessory(Quick C J)	P589036006	Cap For 3P (Nitto Koki)	1		
6	74722989	Hose Adapter	P589222044	1013-04-06 (YA)	1		
7	74379548	Hose Set(Oil)	P220422062	OMB106-1004-2.5M (YA)	1		
8	74722991	Hose Adapter	P589222061	9033-04-06 (YA)	1		
9	74379554	Hose Adapter	P589222125	2083-08-06 (YA)	1		
10	74379551	Accessory(Quick C J)	P589036005	Cap For 3S (Nitto Koki)	1		
11	74379552	Accessory(Quick C J)	P589036006	Cap For 3P (Nitto Koki)	1		
12	74722978	Hose Adapter	P589222004	1013-06 (YA)	1		
13	74379549	Hose Set(Oil)	P220452019	OMB109-1004-2.6M (YA)	1		
14	74379553	Hose Adapter	P589222109	9033-06(3/8) (YA)	1		
15	74722991	Hose Adapter	P589222061	9033-04-06 (YA)	1		
16	74379547	Solenoid Valve Assy	7832295		1		
17	74379550	Instant Fitting	P586564016	EUL10 (Nitta)	1		

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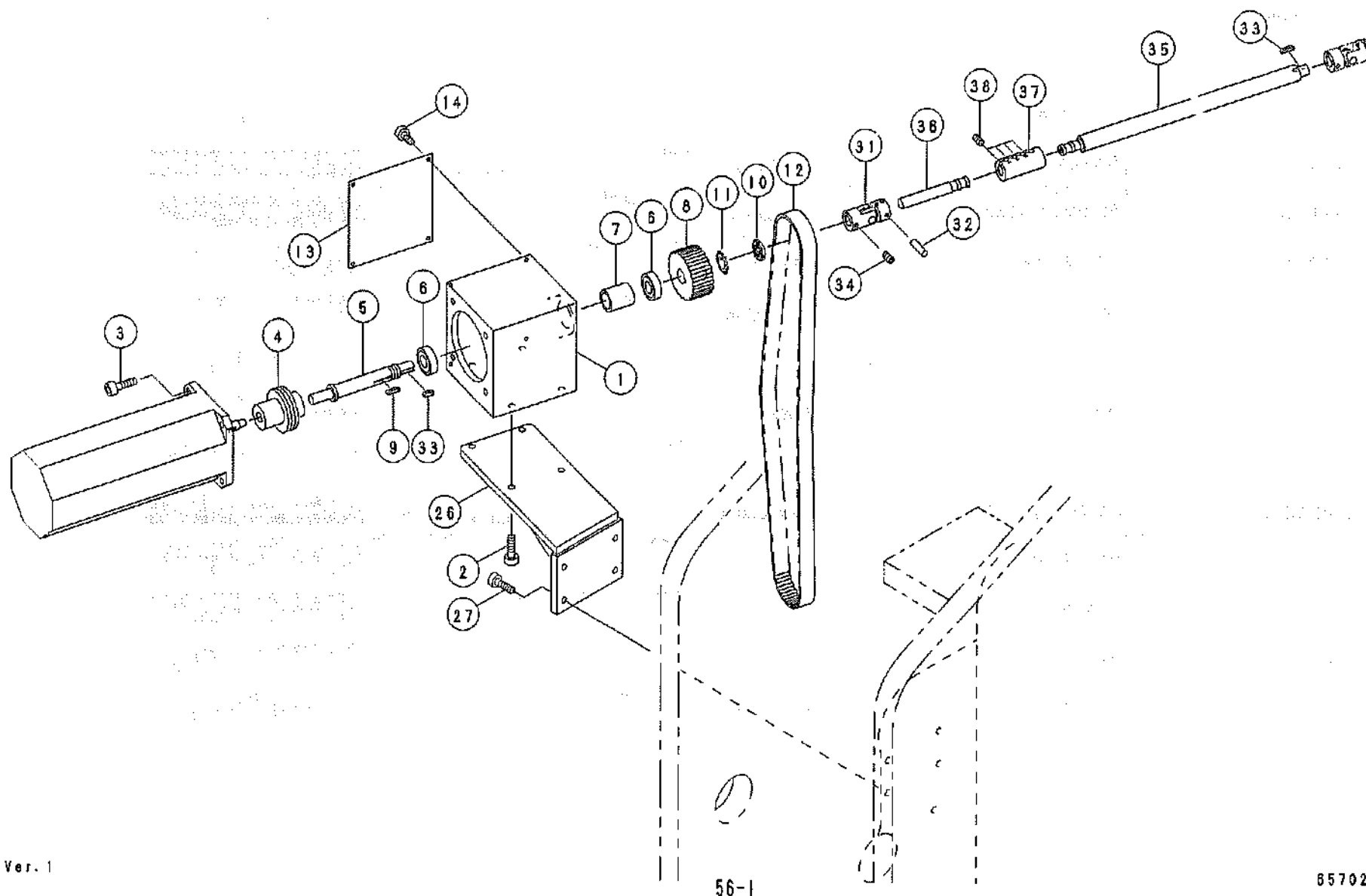
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UNIT NO. 56
2A1 (1) - 1/2

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379557	Motor Bracket	6502886		1		
2	74302829	Hex Soc Cap Screw	P330240008	M10X30	4		
3	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
4	74379570	Coupling	P432176001	SFS-06S-15M-16C (Miki)	1		
5	74379558	Driving Shaft	6502887		1		
6	74379568	Ball Bearing	P400010009	6004ZZ	2		
7	74379559	Collar	6502888		1		
8	74379555	Belt Pulley	6010759		1		
9	74722850	Parallel Key	P436000156	5(P)7X5X30 (Double Round) Type-1	1		
10	75414510	Locknut	P406030003	AN-04	1		
11	74379569	Lock Washer	P406040029	AW-04X	1		
12	74379565	Synchronous Belt	P225032018	600H100 (Mitsubishi)	1		
13	74379560	Cover	6502891		1		
14	74302812	Hex Soc Cap Screw	P330220003	M6X10	4		
26	74379561	Motor Base	6570271		1		
27	36113119	Hex Soc Cap Screw	P330240009	M10X35	4		
31	74379564	Universal Joint	7830034		1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
32	74379567	Dowel Pin	P337055043	SP-S45C-M6-A6X28 (Okita)	2		
33	74722851	Parallel Key	P436000157	5(P)7X5X20 (Double Round) Type-1	2		
34	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	4		
35	74379562	Center Shaft	6570273 A		1		
36	74379563	Connecting Shaft	6570274		1		
37	74379556	Connecting Block	6501831		1		
38	74379566	Socket Set Screw	P330603017	M8X8(knurled cup-end) LOC-WEL (Unbrako)	8		

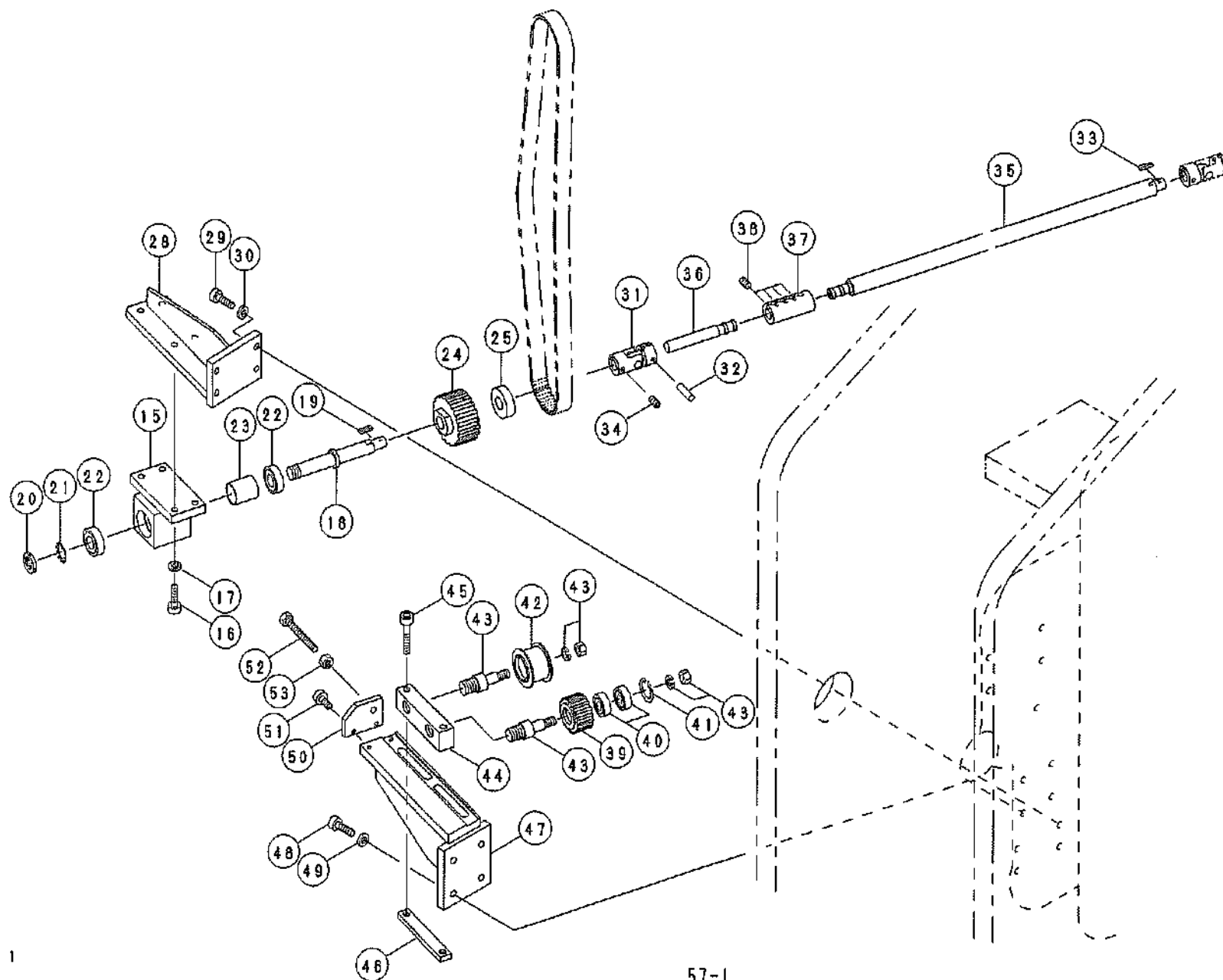
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
15	74379576	Bearing Holder	6502889		1		
16	36113119	Hex Soc Cap Screw	P330240009	M10X35	4		
17	74306022	Washer	0827013 B		4		
18	74379576	Belt Shaft	6502890		1		
19	74722851	Parallel Key	P436000157	5(P7)X5X20(Single Round) Type-1	1		
20	75414510	Locknut	P406030003	AN-04	1		
21	75414511	Lock Washer	P406040003	AW-04	1		
22	74379568	Ball Bearing	P400010009	6004ZZ	2		
23	74379559	Collar	6502888		1		
24	74379571	Belt Pulley	6010760		1		
25	74322535	Shaft Clamp Element	P432302001	RFN7012-20X47 (Takeda)	1		
28	74379577	Under Bracket	6570272		1		
29	36113119	Hex Soc Cap Screw	P330240009	M10X35	4		
30	74306022	Washer	0827013 B		4		
31	74379564	Universal Joint	7830034		1		
32	74379567	Dowel Pin	P337055043	SP-S45C-M6-A6X28 (Okita)	2		
33	74722851	Parallel Key	P436000157	5(P7)X5X20(Single Round) Type-1	2		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
34	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	4		
35	74379562	Center Shaft	6570273 A		1		
36	74379563	Connecting Shaft	6570274		1		
37	74379556	Connecting Block	6501831		1		
38	74379566	Socket Set Screw	P330603017	M8X8(knurled cup-end) LOC-WEL (Unbrako)	8		
39	74379572	Timing Pulley	6501896		1		
40	74379579	Ball Bearing	P400010020	6202ZZ	2		
41	74379580	Locating Snap Ring	P406108011	RTW-35 (Ochiai)	1		
42	74379582	Idler	P409238005	FIP3050 (Imao)	1		
43	74379581	Idler	P409238003	PID1522 (Imao)	2		
44	74379573	Idler Base	6501897		1		
45	10343104	Hex Soc Cap Screw	P330240014	M10X60	2		
46	74379575	Fit Plate	6501899		1		
47	74379578	Idler Bracket	6570275 A		1		
48	36113119	Hex Soc Cap Screw	P330240009	M10X35	4		
49	74306022	Washer	0827013 B		4		
50	74379574	Tension Plate	6501898		1		

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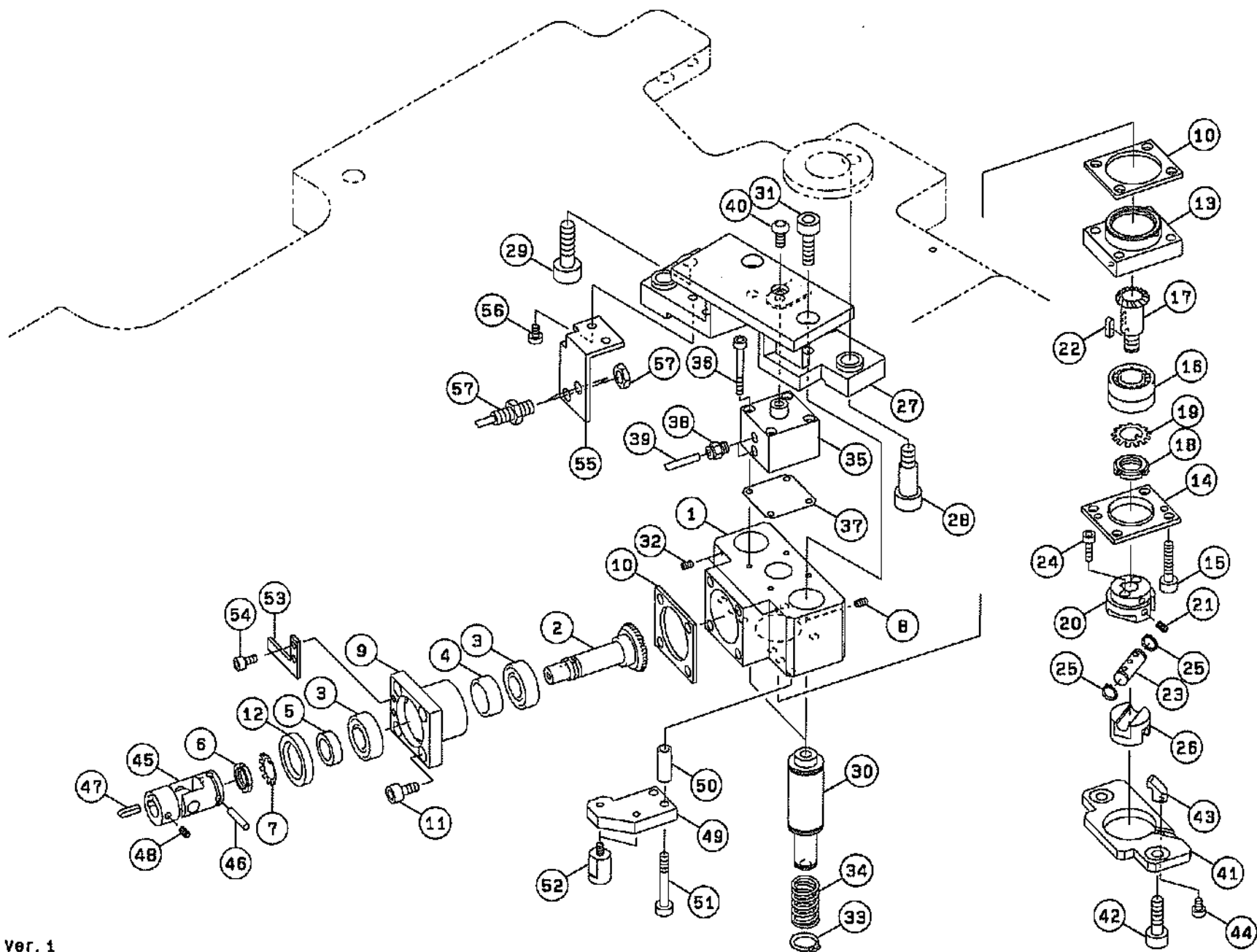


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UNIT NO. 58
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6532900C

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379591	Gear Box	6532901		1		
2	74379590	Drive Bevel Gear	6502911		1		
3	74379610	Complex Bearing	P404024043	7004DB/GM (NTN)	1		
4	74379588	Collar (2)	6502901		1		
5	74379587	Seal Collar	6502898		1		
6	75414510	Locknut	P406030003	AN-04	1		
7	75414511	Lock Washer	P406040003	AW-04	1		
8	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
9	74379585	Unit Case	6502896		1		
10	74379586	Adjusting Collar	6502897 A		2		
11	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
12	74379614	Oil Seal	P590102030	SC03004808 (NOK)	1		
13	74379595	Point Case	6570282 B		1		
14	74379601	Bearing Retainer	6570295		1		
15	74300562	Hex Soc Cap Screw	P330233010	M8X40 (Unbrako)	4		
16	74379610	Complex Bearing	P404024043	7004DB/GM (NTN)	1		
17	74379596	Center Bevel Gear(U)	6570283		1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	75414510	Locknut	P406030003	AN-04	1		
19	75414511	Lock Washer	P406040003	AW-04	1		
20	74379597	Point U	6570284 A		1		
21	74379607	Socket Set Screw	P330603024	M6X8(knurled cup-end) LOC-WEL (Unbrako)	2		
22	74379612	Parallel Key	P436000158		1		
23	74350701	Pin	0812100		1		
24	74300647	Hex Soc Cap Screw	P330213023	M5X20 (Unbrako)	2		
25	74379611	Locating Snap Ring	P406108036	STW-13 (Ochiai)	2		
26	74379584	Clamp Shaft	6501943 B		1		
27	74379592	Gear Box Bracket	6532902 B		1		
28	74379609	Shoulder Screw	P338134011	MSB16-30 (Misumi)	2		
29	74374426	Hex Soc Cap Screw	P330253006	M12X45 (Unbrako)	1		
30	74379605	Stroke Bearing	7952300 B		2		
31	74304947	Hex Soc Cap Screw	P330243004	M10X30 (Unbrako)	2		
32	74379606	Socket Set Screw	P330570006	M4X8(dog-end)	2		
33	74305214	Locating Snap Ring	P406108043	STW-20 (Ochiai)	2		
34	74379583	Up Spring	6045724		2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379613	Air Cylinder	P550003002	10S-1SD40N10 (Taiyo)	1		
36	74300648	Hex Soc Cap Screw	P330213011	M5X45 (Unbrako)	4		
37	74379589	Packing	6502907		1		
38	74351914	Instant Fitting	P586534002	EC6-PT1/8 (Nitta)	2		
39	74722649	Plastic Hose	P230222017	N2-4-6X4-10M (Nitta)	1		
40	74304817	Button Head Screw	P334500019	M8X15	1		
41	74379593	Point Plate	6532903		1		
42	74374421	Hex Soc Cap Screw	P330243003	M10X25 (Unbrako)	2		
43	74379599	Key	6570290 A		1		
44	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	1		
45	74379564	Universal Joint	7830034		1		
46	74379608	Parallel Pin	P337020036	A-6X30	1		
47	74722851	Parallel Key	P436000157	5(P7)X5X20(Single Round) Type-1	1		
48	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	2		
49	74379594	Push Rod Arm	6532904		1		
50	74379598	Spacer U	6570287 A		1		
51	74319629	Hex Soc Cap Screw	P330233013	M8X55 (Unbrako)	2		

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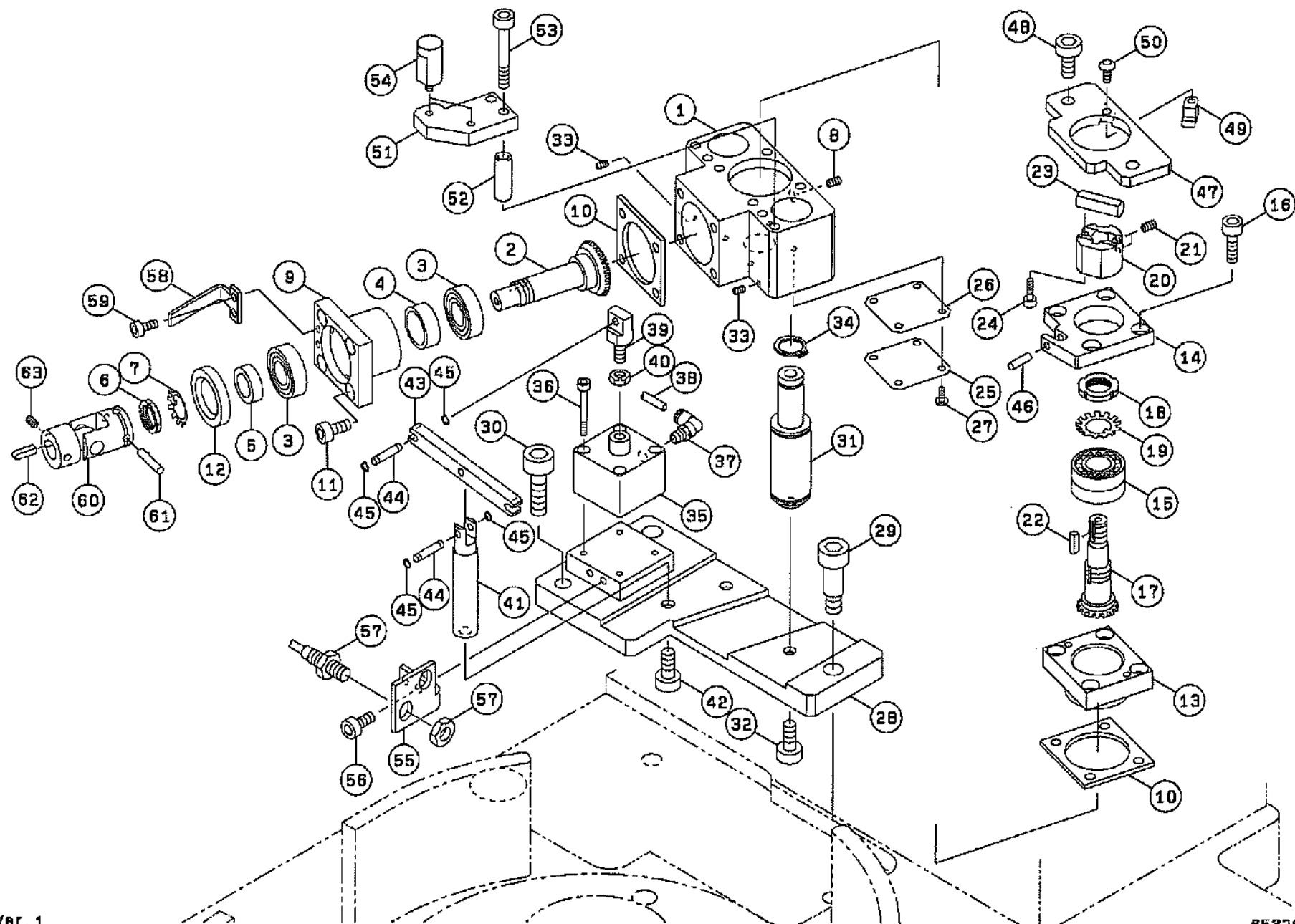


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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379591	Gear Box	6532901		1		
2	74379590	Drive Bevel Gear	6502911		1		
3	74379610	Complex Bearing	P404024043	7004DB/GM (NTN)	1		
4	74379588	Collar (2)	6502901		1		
5	74379587	Seal Collar	6502898		1		
6	75414510	Locknut	P406030003	AN-04	1		
7	75414511	Lock Washer	P406040003	AW-04	1		
8	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
9	74379585	Unit Case	6502896		1		
10	74379586	Adjusting Collar	6502897 A		2		
11	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
12	74379614	Oil Seal	P590102030	SC03004808 (NOK)	1		
13	74379595	Point Case	6570282 B		1		
14	74379623	Bearing Retainer	6532912 A		1		
15	74379610	Complex Bearing	P404024043	7004DB/GM (NTN)	1		
16	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	4		
17	74379628	Center Bevel Gear(L)	6570291		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	75414510	Locknut	P406030003	AN-04	1		
19	75414511	Lock Washer	P406040003	AW-04	1		
20	74379618	Pin Support (L)	6501946		1		
21	74379607	Socket Set Screw	P330603024	M6X8(knurled cup--end) LOC-WEL (Unbrako)	2		
22	74379612	Parallel Key	P436000158	5(P7)X5X16(Single Round) Type-1	1		
23	74379617	Driven Pin	6501944 B		1		
24	74304939	Hex Soc Cap Screw	P330213017	M5X25LOC-WEL (Unbrako)	2		
25	74379621	Spacer	6520789		1		
26	74379589	Packing	6502907		1		
27	74311210	Button Head Screw	P334500009	M5X10	4		
28	74379622	Gear Box Bracket	6532911 B		1		
29	74379609	Shoulder Screw	P338134011	MSB16-30 (Misumi)	2		
30	74535126	Hex Soc Cap Screw	P330253005	M12X40 (Unbrako)	1		
31	74379630	Stroke Bearing	7830088		2		
32	74716119	Hex Soc Cap Screw	P330243002	M10X20 (Unbrako)	2		
33	74379606	Socket Set Screw	P330570006	M4X8(dog-end)	2		
34	74305214	Locating Snap Ring	P406108043	STW-20 (Ochini)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379613	Air Cylinder	P550003002	10S-1SD40N10 (Taiyo)	1		
36	74300648	Hex Soc Cap Screw	P330213011	M5X45 (Unbrako)	4		
37	74310045	Instant Fitting	P586564001	EL6-PT1/8 (Nitta)	2		
38	74722649	Plastic Hose	P230222017	N2-4-6X4-10M (Nitta)	1		
39	74379615	Joint	6045715		1		
40	74722743	Nut	P332000018	M8(Type-3)	1		
41	74379624	Stand	6532913		1		
42	74716119	Hex Soc Cap Screw	P330243002	M10X20 (Unbrako)	1		
43	74379620	Clamp Lever	6520777		1		
44	74379616	A/I Cylinder Pin	6045751		2		
45	74379632	Locating Snap Ring	P406108030	STW-6 (Ochiai)	4		
46	74379631	Parallel Pin	P337020034	A-6X20	1		
47	74379593	Point Plate	6532903		1		
48	74374421	Hex Soc Cap Screw	P330243003	M10X25 (Unbrako)	2		
49	74379629	Key	6570293		1		
50	74722758	Button Head Screw	P334503016	M6X15 (Unbrako)	1		
51	74379594	Push Rod Arm	6532904		1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
52	74379619	Spacer (U)	6502903		1		
53	74304911	Hex Soc Cap Screw	P330230014	M8X60	2		
54	74379627	B Rod L1	6532916		2		
55	74379625	Proximity Switch Bracket(L)	6532914		1		
56	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	2		
57	74379498	Proximity Switch	P829002120	E2E-X3D1-N(5M) (OMRON)	2		
58	74379626	Dog(L)	6532915		1		
59	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
60	74379564	Universal Joint	7830034		1		
61	74379608	Parallel Pin	P337020036	A-6X30	1		
62	74722851	Parallel Key	P436000157	5(P7)X5X20(Single Round) Type-1	1		
63	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	2		

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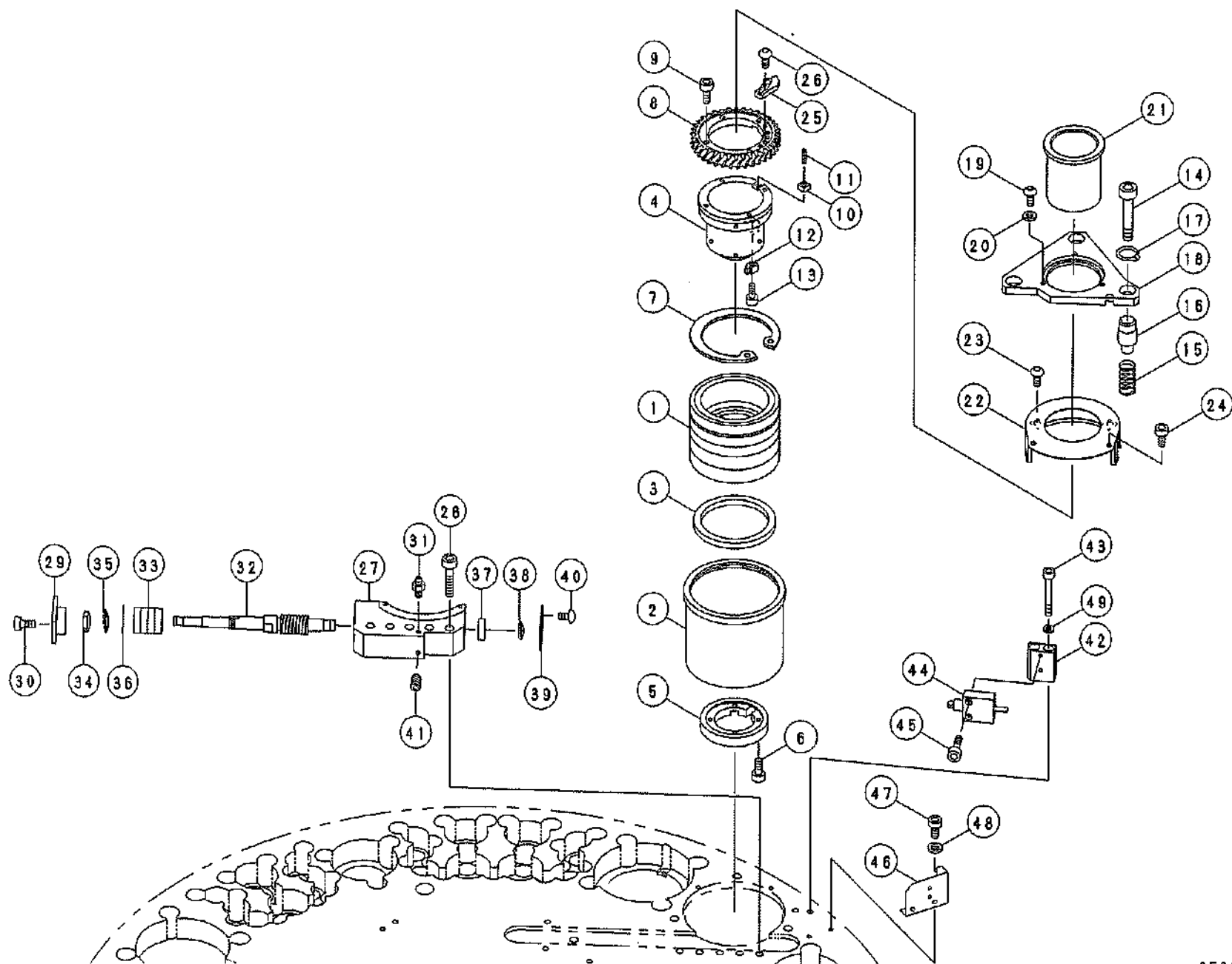


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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74374830	Upper Bearing Unit	7830023		1		
2	74313906	Bearing Holder (Upper)	0822415 C		1		
3	74715314	Oil Seal	P590122012	VC09511509 (NOK)	1		
4	74379642	Guide Holder	6570475		1		
5	74349303	Seal Retainer	0822419 A		1		
6	74716124	Hex Soc Cap Screw	P330223022	M6X15LOC-WEL (Unbrako)	4		
7	74379646	Locating Snap Ring	P406108028	RTW-125 (Ochiai)	1		
8	74379643	Worm Wheel (Up)	6570477		1		
9	74300556	Hex Soc Cap Screw	P330223024	M6X25LOC-WEL (Unbrako)	4		
10	74313917	Wheel Key	0822421 A		1		
11	74314917	Spring Pin	P337030055	6X14	1		
12	74312326 (74058997)	Guide Key	0822420		1		
13	74301625	Hex Soc Cap Screw	P330223023	M6X20LOC-WEL (Unbrako)	1		
14	74306018	Shoulder Screw	5501017 C		3		
15	74306214 (74165232)	Lifter Spring B	0827241 A		3		
16	74312307 (74058932)	Lifter Collar	0822424 A		3		
17	74314617	Locating Snap Ring	P406108044	STW-22 (Ochiai)	3		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379638	Link Holder(1-1/4")	6570431		1		
19	74306424	Button Head Screw	P334500013	M6X10	3		
20	74313429	Washer	0821819		3		
21	74312312	Lifter Ring	0822426 C		1		
22	74379639	Wheel Cover(1-1/4")	6570432		1		
23	74306424	Button Head Screw	P334500013	M6X10	2		
24	74302810	Hex Soc Cap Screw	P330210003	M5X10	2		
25	74379633	Switch Dog (1-1/4")	6501951		1		
26	74300624	Button Head Screw	P334500015	M6X15	2		
27	74379640	Worm Housing U(1-1/4")	6570433		1		
28	74314415	Hex Soc Cap Screw	P330243008	M10X50 (Unbrako)	5		
29	74379641	Bearing Retainer	6570466		1		
30	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
31	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
32	74379634	Worm Shaft(1-1/4")	6532972		1		
33	74312511	Ball Bearing	7932023		1		
34	74313711	Locknut	P406030002	AN-03	1		

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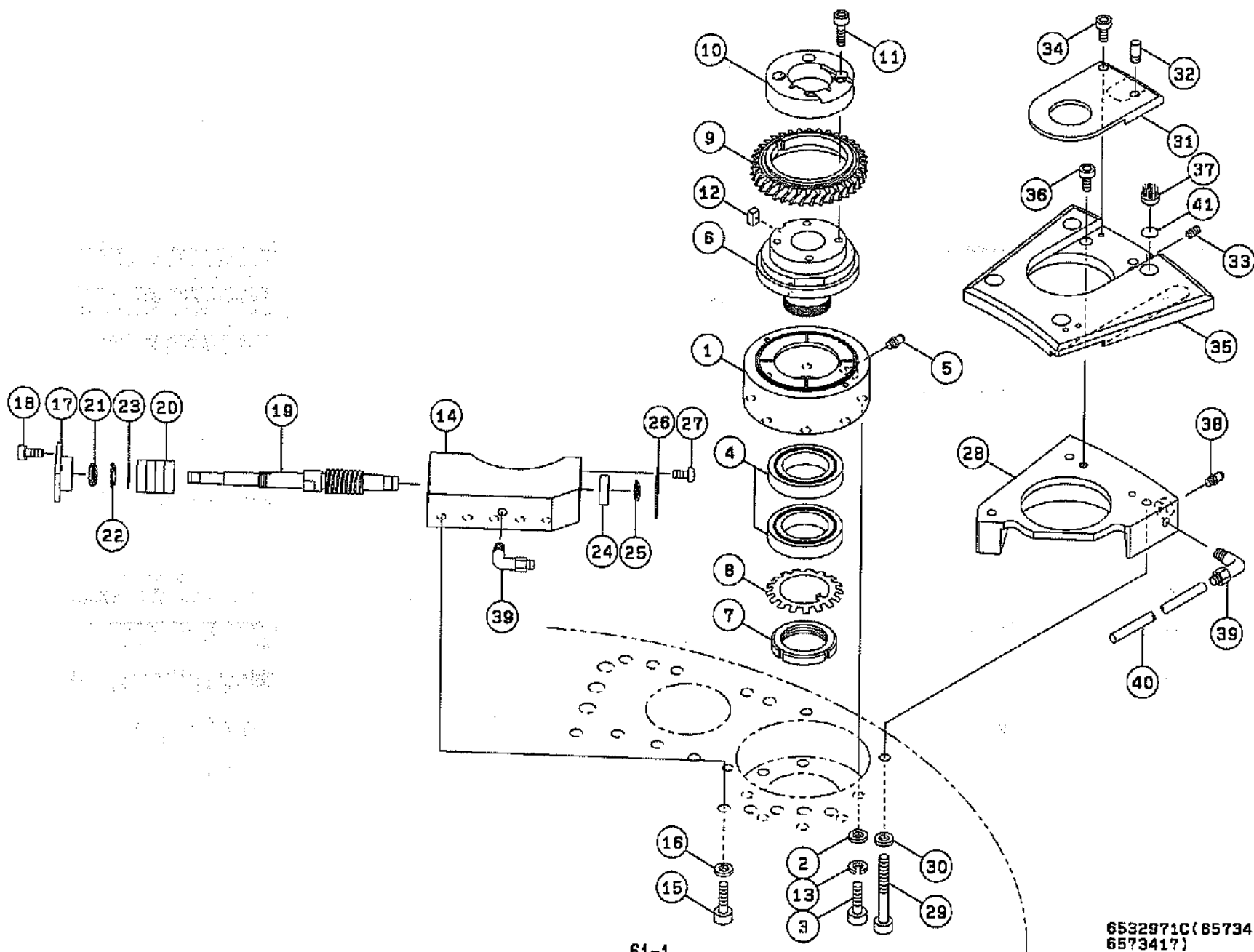
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35	74314905	Lock Washer	P406040002	AW-03	1		
36	74313812	Seal	0822398		1		
37	74379645	Ball Bearing	P400010006	6002ZZ	1		
38	74379647	Locating Snap Ring	P406108038	STW-15 (Ochiai)	1		
39	74379637	Cover	6570428		1		
40	74311210	Button Head Screw	P334500009	M5X10	2		
41	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
42	74379635	LS Holder	6570340 A		1		
43	10443126	Hex Soc Cap Screw	P330230015	M8X65	2		
44	74379644	Limit Switch	7833015		1		
45	74300647	Hex Soc Cap Screw	P330213005	M5X20 (Unbrako)	2		
46	74379636	Cable Guard	6570342		1		
47	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
48	74302328	Washer	P336000005	6(Regular Round)	2		
49	74300511	Washer	P336000006	8(Regular Round)	2		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379657	Bearing Holder(L)	6570462		1		
2	74306022	Washer	0827013 B		7		
3	74304913	Hex Soc Cap Screw	P330240010	M10X40	7		
4	74374840	Ball Bearing	7932017		1		
5	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
6	74379651	Holder Base	6570451 A		1		
7	74313710 (74058931)	Bearing Nut	0822308		1		
8	74314906	Lock Washer	P406040009	AW-10	1		
9	74312627 (74058923)	Worm Wheel (Lower)	0802244 D		1		
10	74379652	Die Holder	6570452 A		1		
11	74374415	Hex Soc Cap Screw	P330233034	M8X15LOC-WEL (Unbrako)	4		
12	74379655	Lower Wheel Key	6570455		1		
13	74300519	Spring Washer	P336050007	10	7		
14	74379653	Worm Housing L(1-1/4")	6570453		1		
15	78180217 (36147138)	Hex Soc Cap Screw	P330240019	M10X85	5		
16	74306022	Washer	0827013 B		5		
17	74379650	Bearing Retainer	6570439		1		

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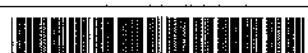
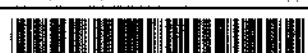


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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
19	74379634	Worm Shaft(1-1/4")	6532972		1		
20	74312511	Ball Bearing	7932023		1		
21	74313711	Locknut	P406030002	AN-03	1		
22	74314905	Lock Washer	P406040002	AW-03	1		
23	74313812	Seal	0822398		1		
24	74379645	Ball Bearing	P400010006	6002ZZ	1		
25	74379647	Locating Snap Ring	P406108038	STW-15 (Ochiai)	1		
26	74379654	Cover (1-1/4")	6570454		1		
27	74311210	Button Head Screw	P334500009	M5X10	2		
28	74379656	1-1/4" Die Spacer(A)	6570456 A		1		
29	78180217 (36147138)	Hex Soc Cap Screw	P330240019	M10X85	3		
30	74306022	Washer	0827013 B		3		
31	74379648	1-1/4" Die Spacer(B)	6532973		1		
32	74379658	Grooved Pin	6570463		1		
33	74337501	Ball Screw	P338112004	BP-8-H (JEC)	1		
34	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379649	1-1/4" Die Spacer(C)	6532974		1		
36	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	2		
37	74379659	Brush C-3S	6573925		2		
38	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
39	74379661	Bite Type Fitting	P585564037	L4N4X2-PT1/8 (Nitta)	2		
40	74379660	Plastic Hose	P230212026	N5-4-4X2-0.3M (Nitta)	1		
41	74379929	Shim	6570174		4		

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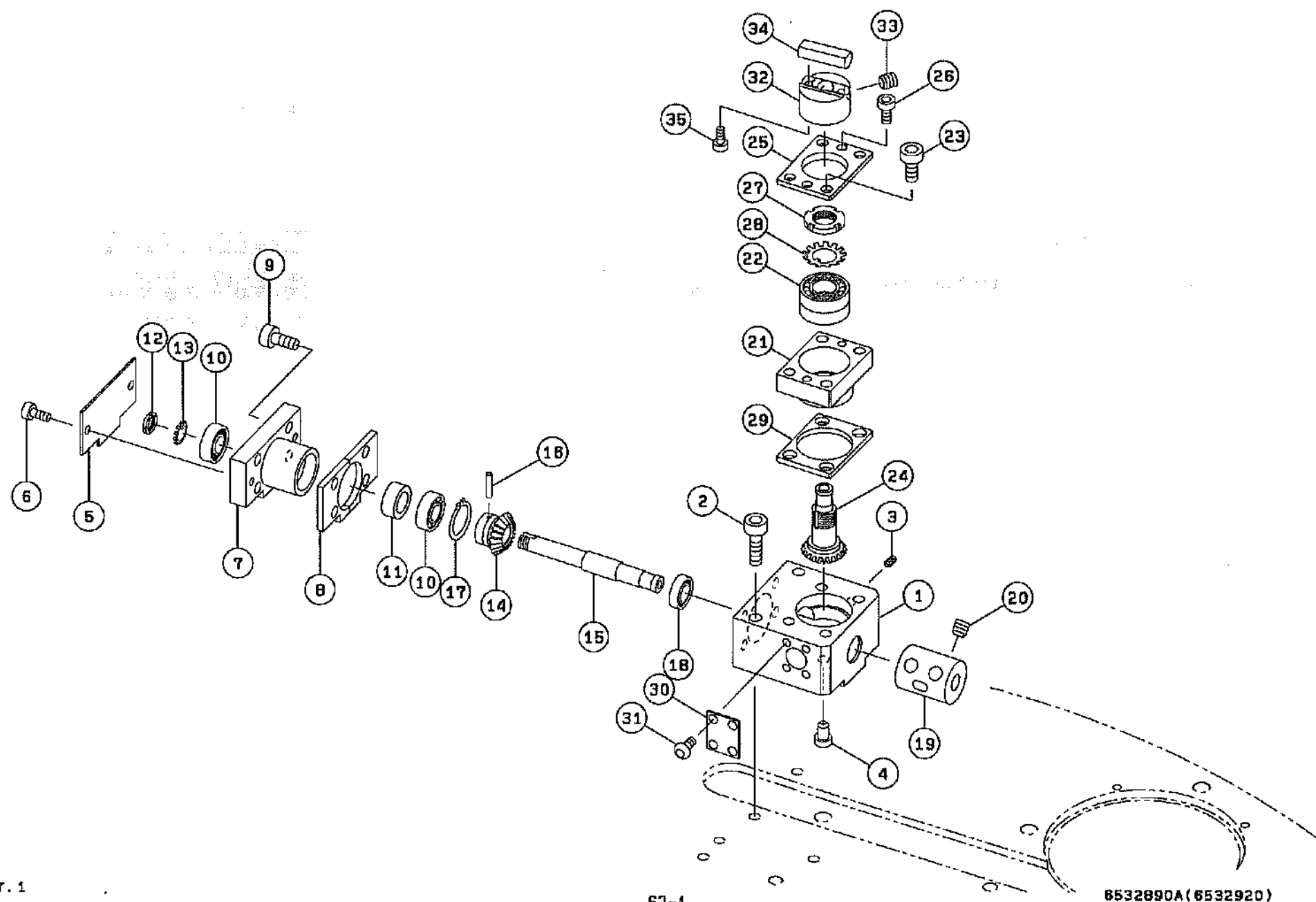
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UNIT NO. 62
2A1(6)

From serial No. 35820055 and after



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6532890A(6532920)

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379662	Gear Box (u)	6501928 B		1		
2	74319629	Hex Soc Cap Screw	P330233013	M8X55 (Unbrako)	2		
3	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
4	74379677	Locating Pin	P337104002	JPDA8-12 (Misumi)	1		
5	74379668	Cover	6501940 A		1		
6	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
7	74379663	Unit Case	6501930		1		
8	74379664	Adjusting Collar	6501931 A		1		
9	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
10	74379680	Complex Bearing	P404024045	7001DB/GM (NTN)	1		
11	74379666	Collar	6501938		1		
12	74379681	Locknut	P406034002	AN01 (NTN)	1		
13	74379682	Lock Washer	P406044003	AW01 (NTN)	1		
14	74379671	Driven Bevel Gear	6502916 A		1		
15	74379674	Driven Shaft	6532936		1		
16	31172622	Parallel Pin	P337020018	A-4X20	1		
17	74379683	Locating Snap Ring	P406108103	STW-23 (Ochiai)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379678	Ball Bearing	P400010067	6901ZZ	1		
19	74379675	Coupling	6532937		1		
20	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	4		
21	74379665	Point Case	6501935 A		1		
22	74379679	Complex Bearing	P404024044	7003DB/GM (NTN)	1		
23	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	4		
24	74379670	Drive Bevel Gear (U)	6502914		1		
25	74379667	Bearing Retainer	6501939		1		
26	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
27	74313711	Locknut	P406030002	AN-03	1		
28	74314905	Lock Washer	P406040002	AW-03	1		
29	74379672	Adjusting Collar (2)	6502917		1		
30	74379673	Cover	6502918		2		
31	74306424	Button Head Screw	P334500013	M6X10	4		
32	74379669	Pin Support (U)	6501945 A		1		
33	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	2		
34	74379617	Driven Pin	6501944 B		1		

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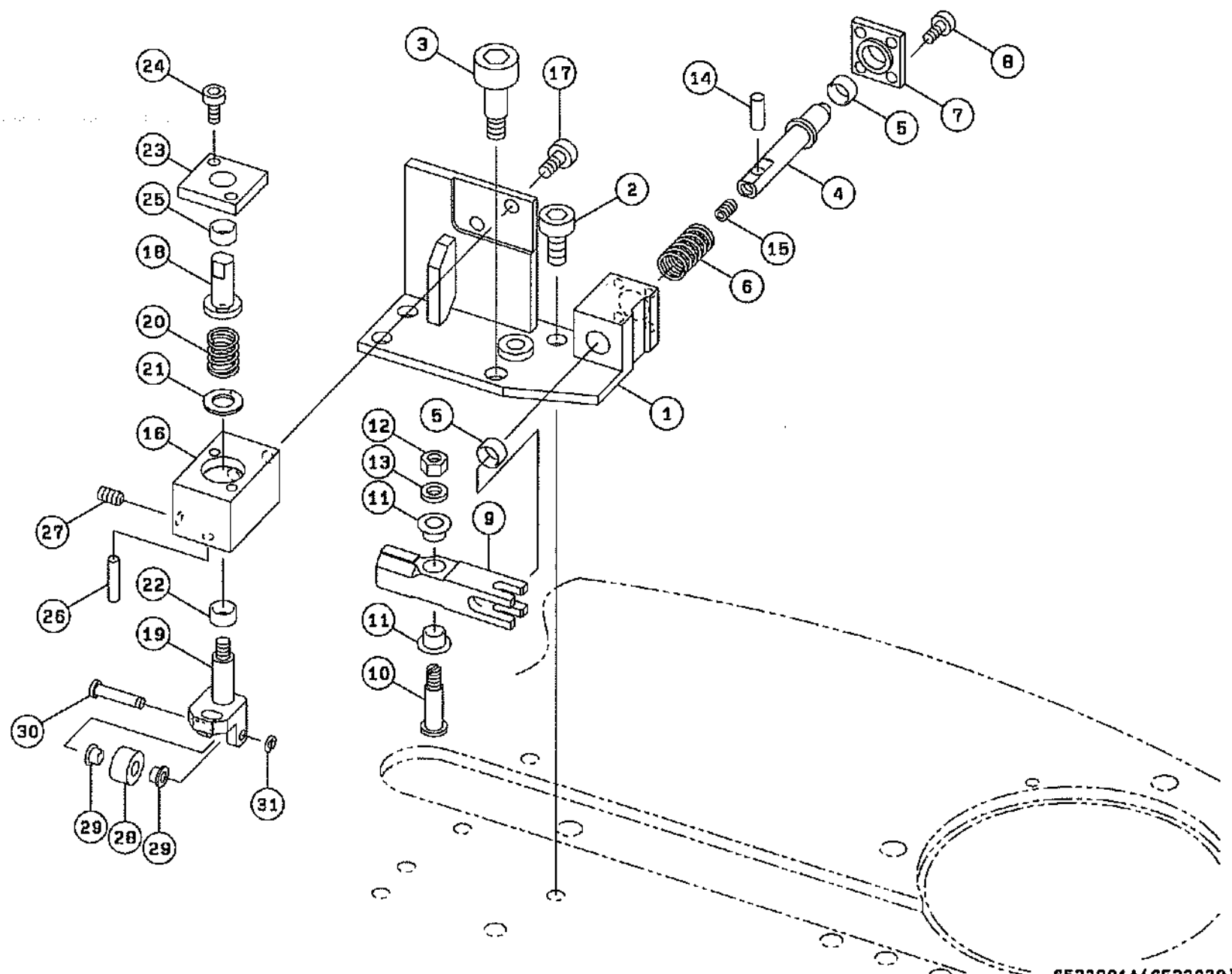


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379684	Brake Bracket (1)	6501981		1		
2	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	3		
3	74379699	Shoulder Screw	P338134004	MSB10-20 (Misumi)	1		
4	74379685	Brake Pin	6501983		1		
5	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	2		
6	74379687	Brake Spring (1)	6501985		1		
7	74379686	Cap	6501984		1		
8	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	4		
9	74379688	Lever	6501986 B		1		
10	74379689	Pin (1)	6501987 A		1		
11	74314920	Plain Bearing	P407013001	MB0806-15FDU (Daido)	2		
12	74722750	Locknut	P332505003	M6(type-2) (Fuji)	1		
13	74302328	Washer	P336000005	6(Regular Round)	1		
14	74379697	Parallel Pin	P337020033	A-6X16	1		
15	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
16	74379690	Brake Case (U)	6501988		1		
17	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379691	Brake Rod U (1)	6501989		1		
19	74379692	Brake Rod U (2)	6501990 A		1		
20	74379693	Brake Spring (2)	6501991		1		
21	74379703	Plain Bearing	P407023002	WC08DUN (Daido Meta)	1		
22	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
23	74379695	Cap (U)	6501993		1		
24	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	2		
25	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
26	74379698	Parallel Pin	P337020257	A-5X22	1		
27	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
28	74379696	Roller	6501998		1		
29	74379702	Plain Bearing	P407013031	MB0504-10FDU (Daido Meta)	2		
30	74379694	Pin (2)	6501992		1		
31	10560468	Locating Snap Ring	P406108078	ETW-4 (Ochiai)	1		

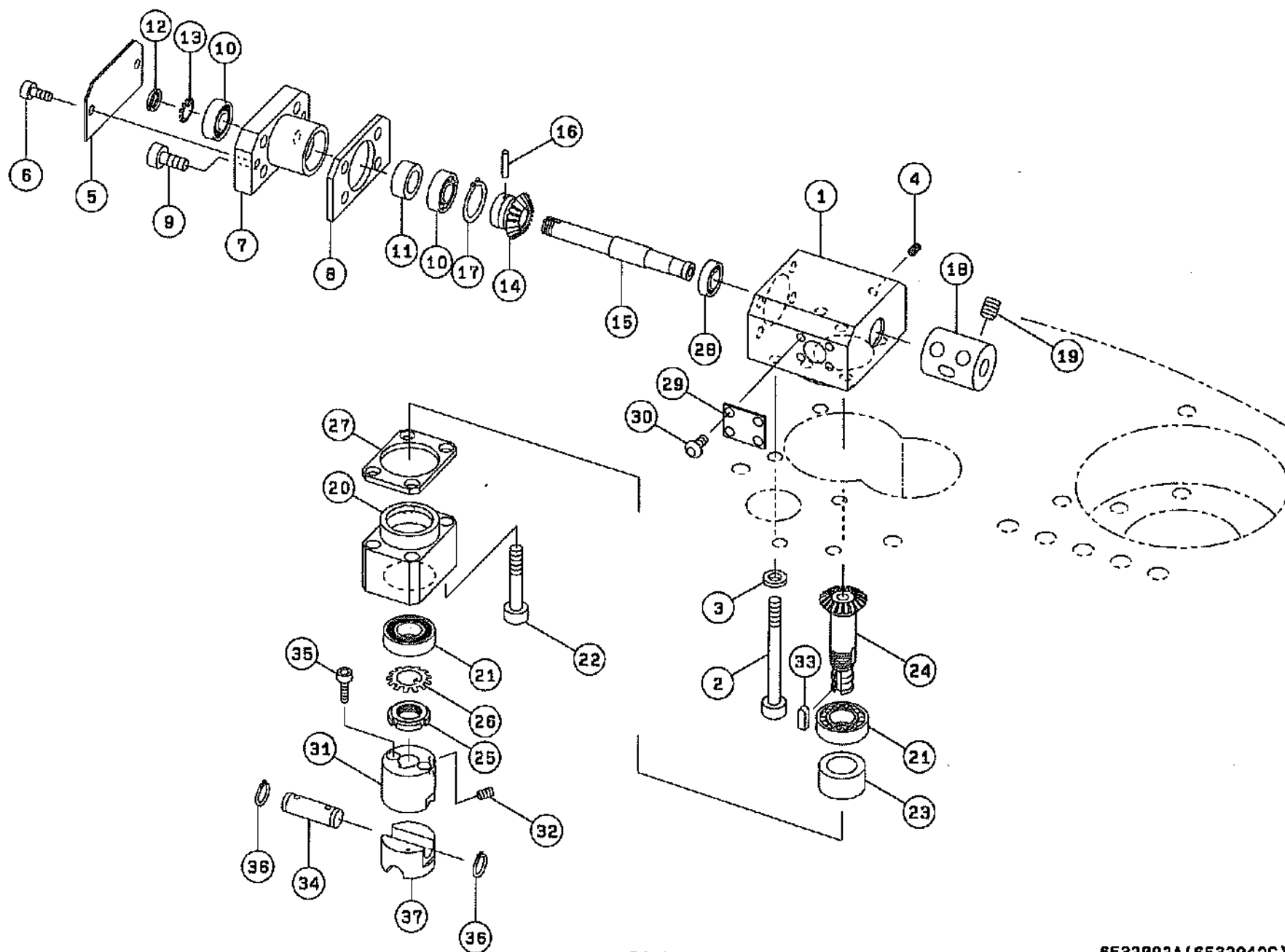
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379704	Gear Box(L)	6532960		1		
2	10329641	Hex Soc Cap Screw	P330233019	M8X85 (Unbrako)	2		
3	74314204	Washer	0827367		2		
4	74305504	Socket Set Screw	P330550024	M6X6(flat--end)	1		
5	74379705	Cover(L)	6532961		1		
6	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
7	74379706	Unit Case(L)	6532962		1		
8	74379707	Gear Adjusting Collar(L)	6532963		1		
9	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
10	74379680	Complex Bearing	P404024045	7001DB/GM (NTN)	1		
11	74379666	Collar	6501938		1		
12	74379681	Locknut	P406034002	AN01 (NTN)	1		
13	74379682	Lock Washer	P406044003	AW01 (NTN)	1		
14	74379671	Driven Bevel Gear	6502916 A		1		
15	74379674	Driven Shaft	6532936		1		
16	31172622	Parallel Pin	P337020018	A-4X20	1		
17	74379683	Locating Snap Ring	P406108103	STW-23 (Ochiai)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379675	Coupling	6532937		1		
19	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	4		
20	74379708	Point Case(L)	6570446		1		
21	74379679	Complex Bearing	P404024044	7003DB/GM (NTN)	1		
22	74300550	Hex Soc Cap Screw	P330233012	M8X50 (Unbrako)	4		
23	74379711	Collar	6570464		1		
24	74379709	Drive Bevel Gear(L)	6570447		1		
25	74313711	Locknut	P406030002	AN-03	1		
26	74314905	Lock Washer	P406040002	AW-03	1		
27	74379710	Gear Adjusting Collar(2)	6570449		1		
28	74379678	Ball Bearing	P400010067	6901ZZ	1		
29	74379673	Cover	6502918		1		
30	74306424	Button Head Screw	P334500013	M6X10	4		
31	74379712	Point D	6570478		1		
32	74379607	Socket Set Screw	P330603024	M6X8(knurled cup-end) LOC-WEL (Unbrako)	2		
33	74379612	Parallel Key	P436000158	5(P7)X5X16(Single Round) Type-1	1		
34	74350701	Pin	0812100		1		

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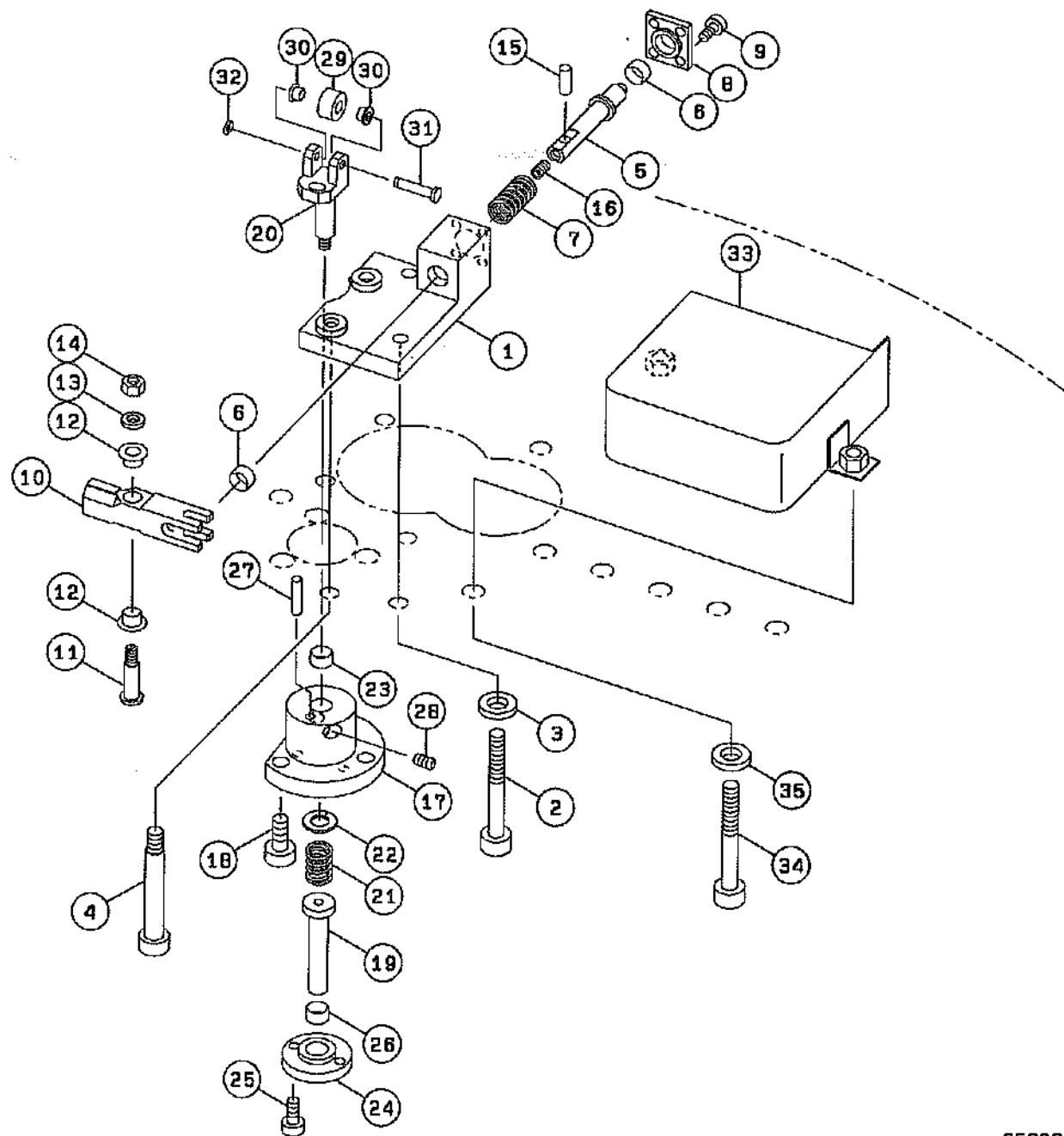
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From serial No.35820055 and after



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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379718	Brake Bracket(L)	6570473 A		1		
2	74374409	Hex Soc Cap Screw	P330233016	MBX70 (Unbrako)	2		
3	74314204	Washer	0827367		2		
4	74379720	Shoulder Screw	P338134007	MSB10-55 (Misumi)	1		
5	74379685	Brake Pin	6501983		1		
6	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	2		
7	74379687	Brake Spring (1)	6501985		1		
8	74379686	Cap	6501984		1		
9	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	4		
10	74379688	Lever	6501986 B		1		
11	74379689	Pin (1)	6501987 A		1		
12	74314920	Plain Bearing	P407013001	MB0806-15FDU (Daido)	2		
13	74302328	Washer	P336000005	6(Regular Round)	1		
14	74722750	Locknut	P332505003	M6(type-2) (Fuji)	1		
15	74379697	Parallel Pin	P337020033	A-6X16	1		
16	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
17	74379714	Brake Case (L)	6501994		1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	3		
19	74379717	Brake Rod L(1)	6570450 A		1		
20	74379715	Brake Rod L (2)	6501996 A		1		
21	74379693	Brake Spring (2)	6501991		1		
22	74379703	Plain Bearing	P407023002	WC08DUN (Daido Meta)	1		
23	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
24	74379716	Cap (L)	6501997		1		
25	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
26	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
27	74379698	Parallel Pin	P337020257	A-5X22	1		
28	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
29	74379696	Roller	6501998		1		
30	74379702	Plain Bearing	P407013031	MB0504-10FDU (Daido Meta)	2		
31	74379694	Pin (2)	6501992		1		
32	10560468	Locating Snap Ring	P406108078	ETW-4 (Ochiai)	2		
33	74379719	Scrap Guard	6570526		1		
34	74300608	Hex Soc Cap Screw	P330230018	M8X80	2		

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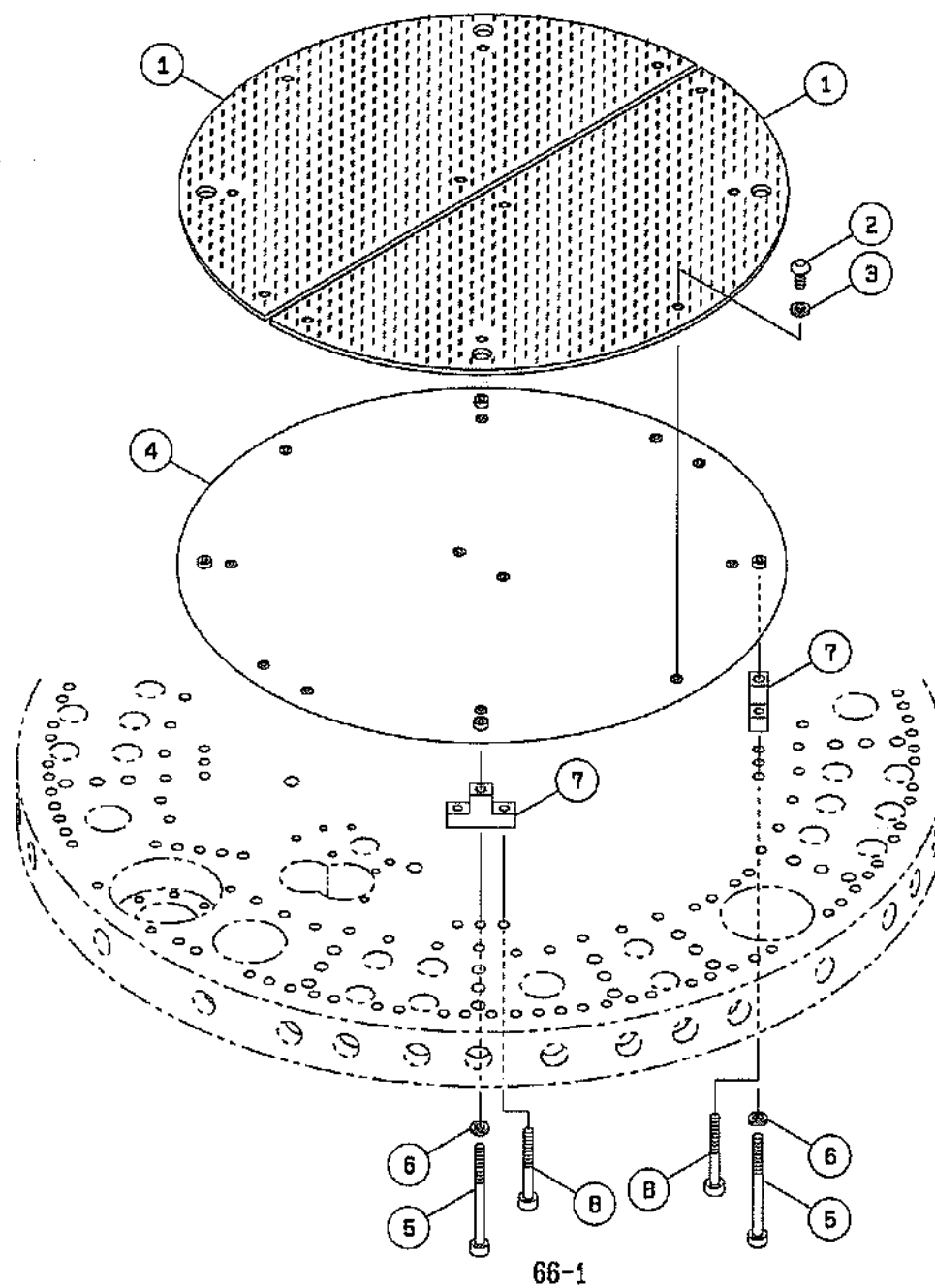


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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74314204	Washer	0827367		2		





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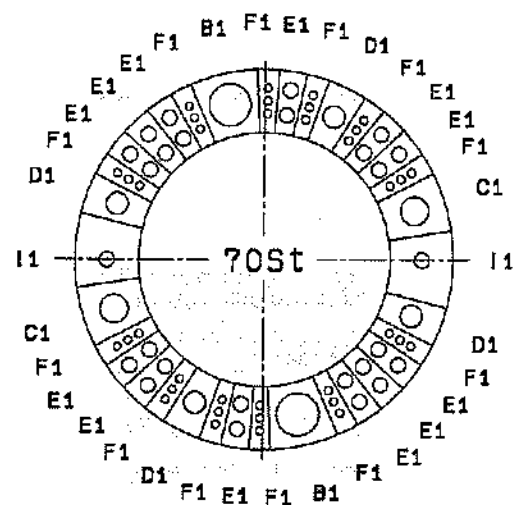
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1	74379722	Brush(V)	6533916 A		2		
2	74379724	Button Head Screw	P334500032	M6X8	16		
3	74302328	Washer	P336000005	6(Regular Round)	16		
4	74379723	Setting Plate For Brush(V)	6533917		1		
5	36326429	Hex Soc Cap Screw	P330230026	M8X120	4		
6	74314204	Washer	0827367		12		
7	74379721	Support Block	6530319 C		4		
8	52332453	Hex Soc Cap Screw	P330250016	M12X85	8		

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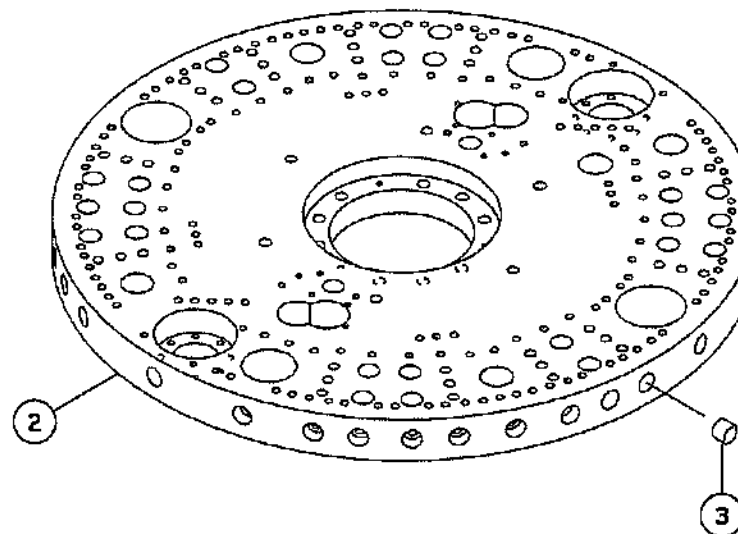
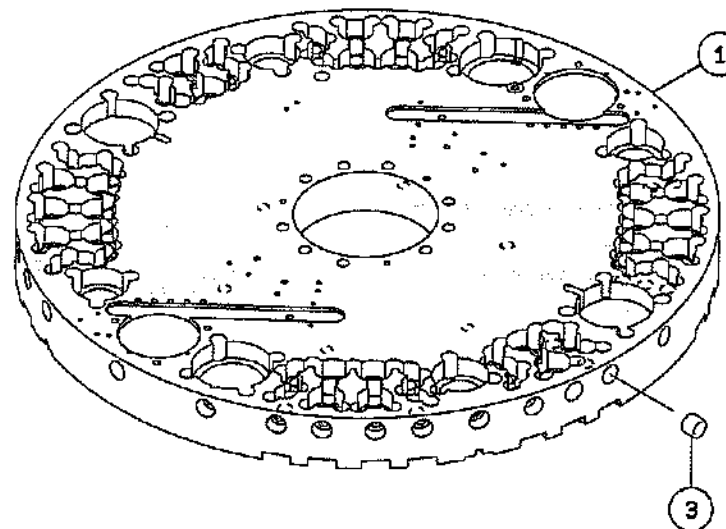




Symbol	Size	Q'ty
B1	4-1/2"	2
C1	3-1/2"	2
D1	2"	4
E1	1-1/4"	12
F1	1/2"	12
I1	1-1/4"	2

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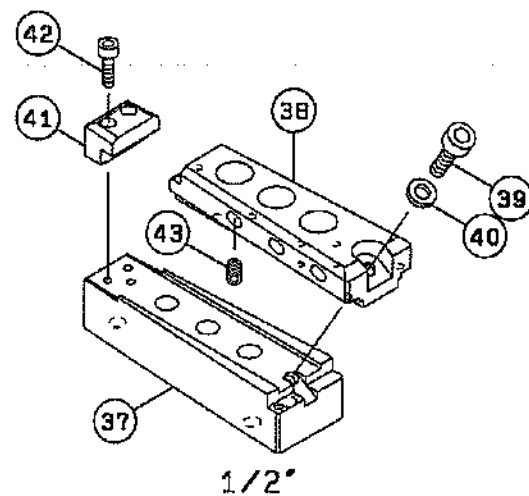
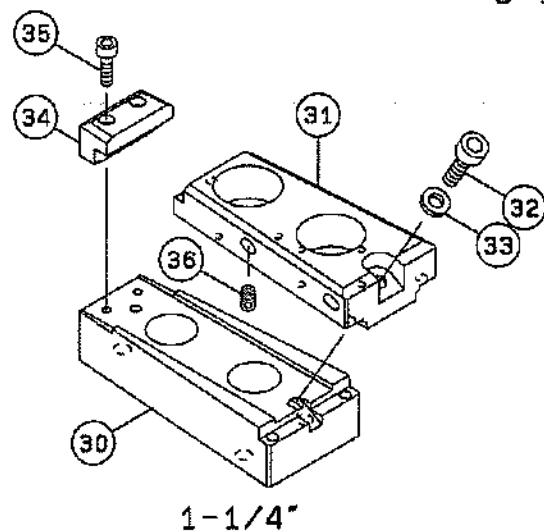
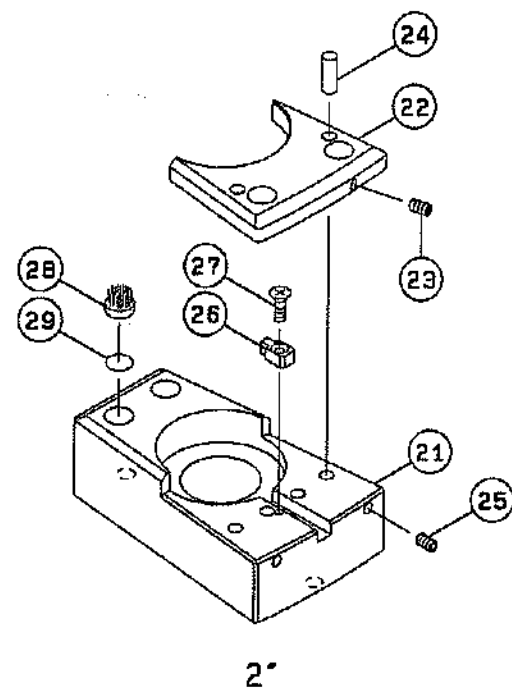
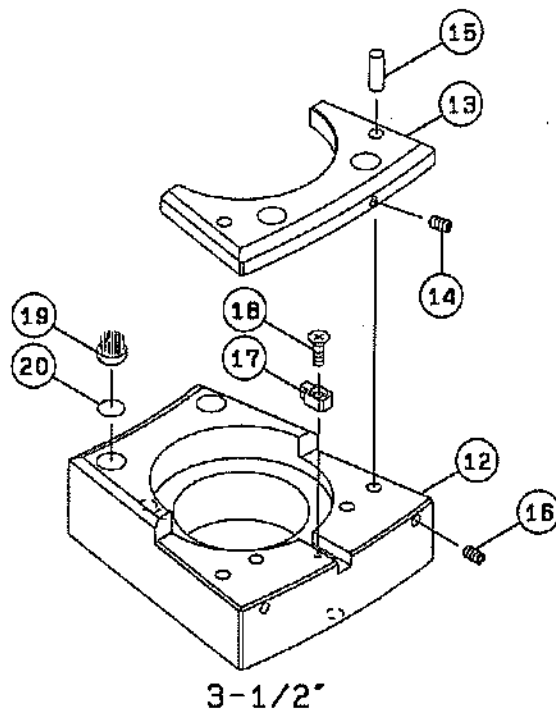
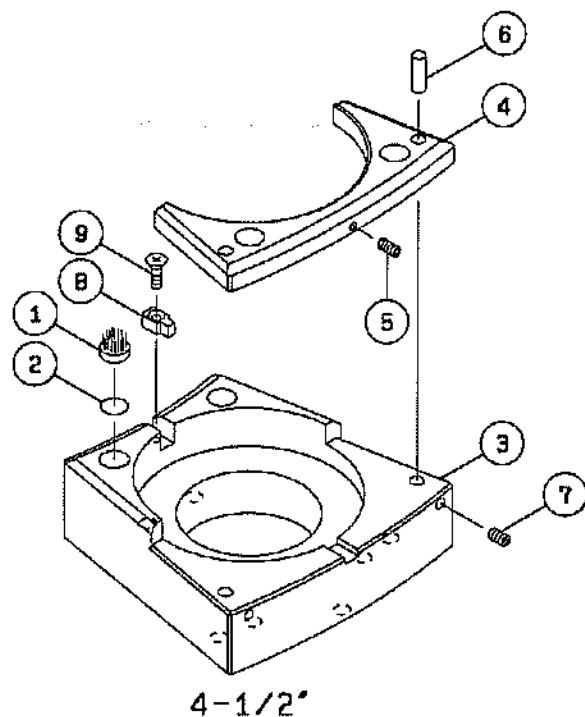


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379659	Brush C-3S	6573925		4		
2	74379929	Shim	6570174		4		
3	74379737	4-1/2" Die Holder	6570474		1		
4	74379738	4-1/2" Die Spacer	6570476		1		
5	21218020	Socket Set Screw	P330590054	M6X15(cup-end)	1		
6	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
7	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
8	74306001	Die Key	0488034 C		1		
9	74183324	Flat Head Screw	P334110030	M6X20	1		
12	74379732	3-1/2" Die Holder	6570268		1		
13	74379733	3-1/2" Die Spacer	6570269		1		
14	21218020	Socket Set Screw	P330590054	M6X15(cup-end)	1		
15	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
16	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
17	74306001	Die Key	0488034 C		1		
18	74183324	Flat Head Screw	P334110030	M6X20	1		
19	74379659	Brush C-3S	6573925		4		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
20	74379929	Shim	6570174		4		
21	74379730	2" Die Holder	6570265		1		
22	74379731	2" Die Spacer	6570266		1		
23	21218020	Socket Set Screw	P330590054	M6X15(cup-end)	1		
24	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
25	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
26	74306001	Die Key	0488034 C		1		
27	74183324	Flat Head Screw	P334110030	M6X20	1		
28	74379659	Brush C-3S	6573925		2		
29	74379929	Shim	6570174		4		
30	74379734	1-1/4" Lower Die Holder	6570277		1		
31	74379735	1-1/4" Upper Die Holder	6570278		1		
32	74314306	Corner Bolt	0827474 A		1		
33	74337025	Washer	0827484		1		
34	74379736	1-1/4" Block	6570279		1		
35	74304904	Hex Soc Cap Screw	P330220012	M6X30	2		
36	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		

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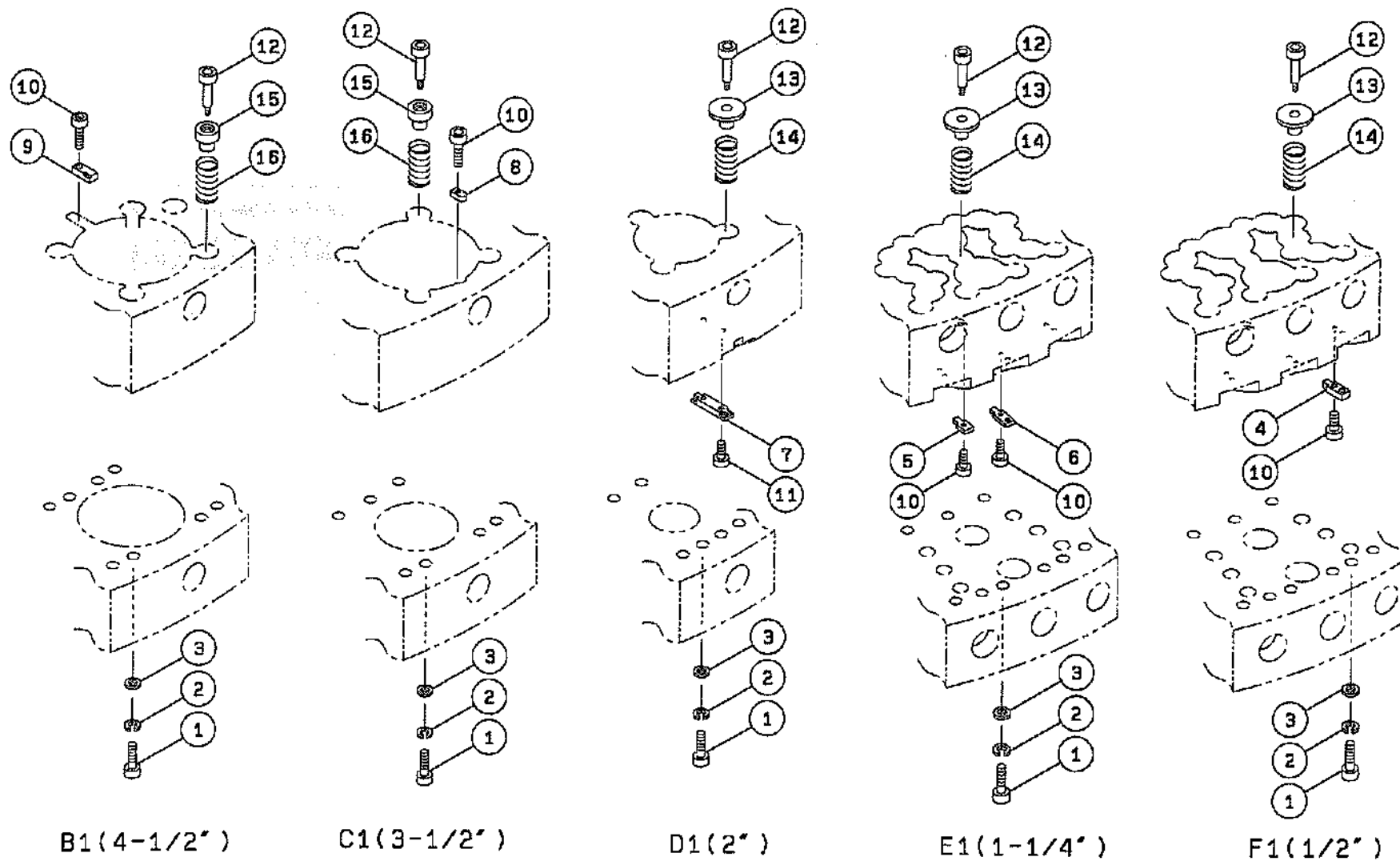
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37	74379727	1/2" Lower Die Holder	6570261 A		1		
38	74379728	1/2" Upper Die Holder	6570262		1		
39	74314306	Corner Bolt	0827474 A		1		
40	74337025	Washer	0827484		1		
41	74379729	1/2" Block	6570263		1		
42	74304904	Hex Soc Cap Screw	P330220012	M6X30	2		
43	74337501	Ball Screw	P338112004	BP-8-H (JEC)	3		

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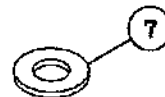
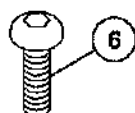
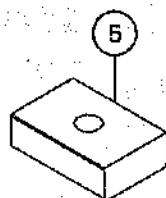
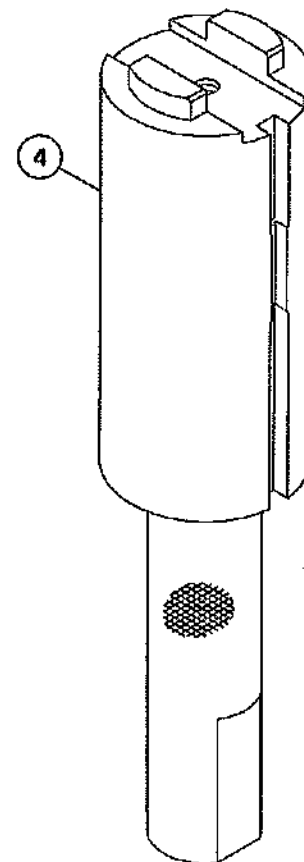
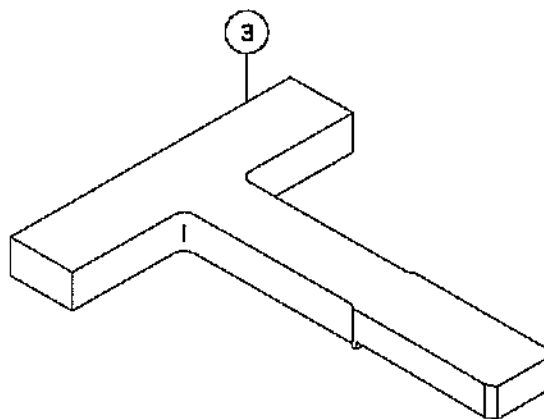
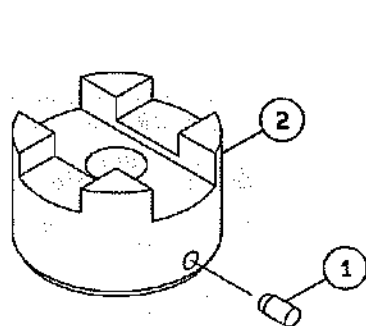
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379741	Hex Soc Cap Screw	P330253014	M12X90 (Unbrako)	112		
2	74379740	Washer	8274014 B		112		
3	74301615	Spring Washer	P336050008	12	112		
4	74379739	1/2" Guide Key	0828354		12		
5	74312327	1-1/4" Guide Key	0827263 A		12		
6	74306007	1/2", 1-1/4" Guide Key	5501007 G		24		
7	74306010	2" Guide Key	5501050 C		4		
8	74306008 (74336711)	3-1/2" Guide Key	5501010 C		2		
9	74306009	4-1/2" Guide Key	5501016 C		2		
10	74302815	Hex Soc Cap Screw	P330220009	M6X20	76		
11	75168508	Hex Soc Cap Screw	P330220011	M6X25	8		
12	74306018	Shoulder Screw	5501017 C		118		
13	74306004 (74165223)	Lifter Collar	5500217 B		102		
14	74306214 (74165232)	Lifter Spring B	0827241 A		102		
15	74306014	Lifter Ring	5501009 C		16		
16	74306213	Lifter Spring A	0827240 A		16		

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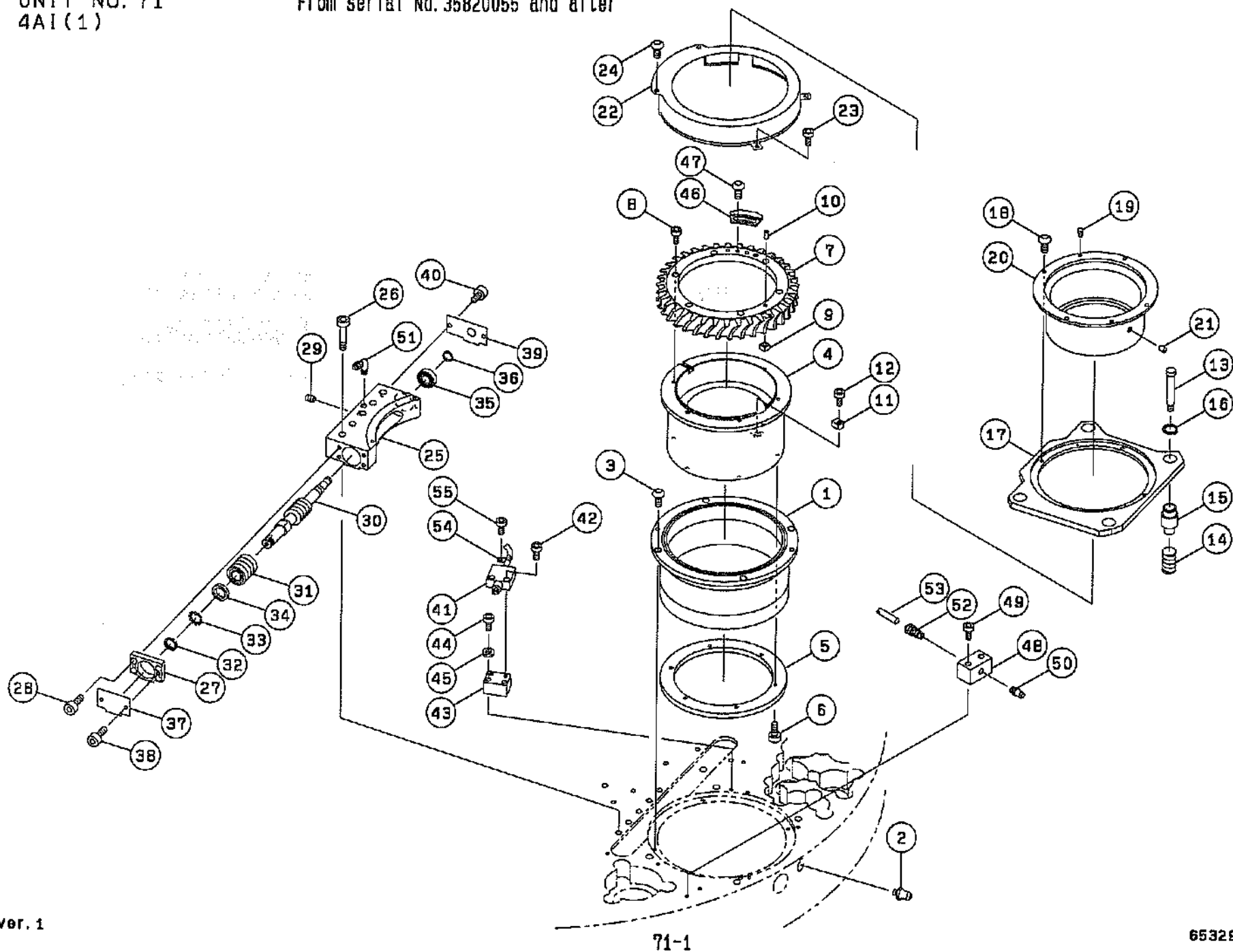


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UNIT NO. 71
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From serial No.35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379757	Guide Bushing(Upper)	7830267		1		
2	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
3	10375157	Button Head Screw	P334500039	M6X14	4		
4	74379743	Guide Holder	6532922 B		1		
5	74379744	Seal Retainer	6532923		1		
6	74716124	Hex Soc Cap Screw	P330223022	M6X15LOC-WEL (Unbrako)	6		
7	74379745	Worm Wheel(Up)	6532924 B		1		
8	74300556	Hex Soc Cap Screw	P330223024	M6X25LOC-WEL (Unbrako)	6		
9	74313917	Wheel Key	0822421 A		1		
10	74314917	Spring Pin	P337030055	6X14	1		
11	74379746	Guide Key	6532925		1		
12	74301625	Hex Soc Cap Screw	P330223023	M6X20LOC-WEL (Unbrako)	1		
13	74306018	Shoulder Screw	5501017 C		4		
14	74306213	Lifter Spring A	0827240 A		4		
15	74379747	Lifter Collar(4-1/2")	6532926		4		
16	74314617	Locating Snap Ring	P406108044	STW-22 (Ochiai)	4		
17	74379748	Link Holder(4-1/2")	6532927		1		

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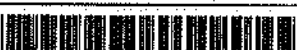
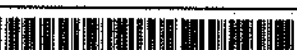


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74306424	Button Head Screw	P334500013	M6X10	4		
19	74379759	Locating Pin	P337104003	JPDA4-6 (Misumi)	2		
20	74379749	Lifter Ring(4-1/2")	6532928 B		1		
21	74379758	Parallel Pin	P337020256	A-8X10	1		
22	74379750	Wheel Cover(4-1/2")	6532929		1		
23	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	2		
24	74311210	Button Head Screw	P334500009	M5X10	2		
25	74379751	Worm Housing U(4-1/2")	6532930		1		
26	74314415	Hex Soc Cap Screw	P330243008	M10X50 (Unbrako)	5		
27	74379752	Bearing Retainer(U)	6532931		1		
28	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	4		
29	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
30	74379753	Worm Shaft(4-1/2")	6532932		1		
31	74312511	Ball Bearing	7932023		1		
32	74313711	Locknut	P406030002	AN-03	1		
33	74314905	Lock Washer	P406040002	AW-03	1		
34	74313812	Seal	0822398		1		



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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379760	Ball Bearing	P400017038	6002ZZ (NSK)	1		
36	74379647	Locating Snap Ring	P406108038	STW-15 (Ochiai)	1		
37	74379754	Cover U(A)	6532933		1		
38	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	2		
39	74379755	Cover U(B)	6532934		1		
40	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	2		
41	74379763	Limit Switch	P828003013	14CE8-1J (Yamatake)	1		
42	74300647	Hex Soc Cap Screw	P330213005	M5X20 (Unbrako)	2		
43	74313219	LS Base	0811852		1		
44	74304905	Hex Soc Cap Screw	P330223012	M6X35 (Unbrako)	2		
45	74302328	Washer	P336000005	6(Regular Round)	2		
46	74379756	Switch Dog(4-1/2")	6532935 B		1		
47	74300624	Button Head Screw	P334500015	M6X15	2		
48	74379742	Manifold(A)	0827681		1		
49	74319102	Hex Soc Cap Screw	P330223011	M6X30 (Unbrako)	2		
50	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
51	74379761	Bite Type Fitting	P585534027	C4N4X2-PT1/8 (Nitta)	1		

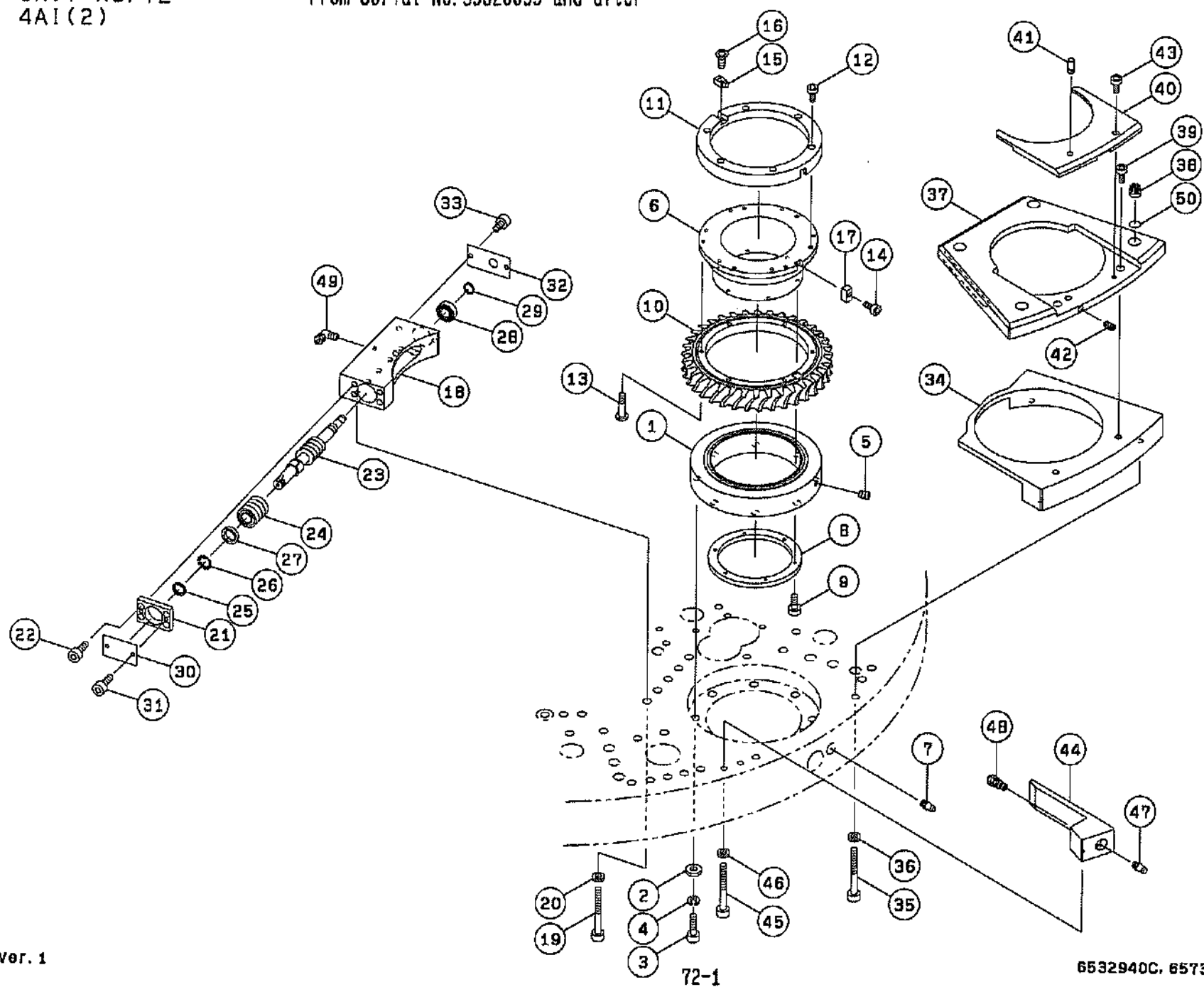
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379765	Guide Bushing(Lower)	6532941 B		1		
2	74303703	Washer	0827014 B		8		
3	74535130	Hex Soc Cap Screw	P330253009	M12X60 (Unbrako)	8		
4	74301615	Spring Washer	P336050008	12	8		
5	74702340	Plug For Piping	P580208001	GM-1/8 (Gosho)	2		
6	74379766	Die Holder Retainer (4-1/2")	6532942 B		1		
7	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
8	74379767	Flange	6532943		1		
9	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	6		
10	74379768	Worm Wheel(Low)	6532945 C		1		
11	74379769	4-1/2" Die Holder	6532946 A		1		
12	74379780	Hex Soc Cap Screw	P330223034	M6X18LOC-WEL (Unbrako)	6		
13	74379781	Button Head Screw	P334513016	M6X25LOC-WEL (Unbrako)	6		
14	36323412	Hex Soc Cap Screw	P330200017	M4X14	1		
15	74379770	Die Key(4-1/2")	6532947		1		
16	74314612	Flat Head Bolt	P334520002	M6X14	1		
17	74379771	4-1/2" Lower Wheel Key	6532948 A		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379772	Worm Housing L(4-1/2")	6532950		1		
19	78180217 (36147138)	Hex Soc Cap Screw	P330240019	M10X85	5		
20	74306022	Washer	0827013 B		5		
21	74379773	Bearing Retainer(L)	6532951		1		
22	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	4		
23	74379753	Worm Shaft(4-1/2")	6532932		1		
24	74312511	Ball Bearing	7932023		1		
25	74313711	Locknut	P406030002	AN-03	1		
26	74314905	Lock Washer	P406040002	AW-03	1		
27	74313812	Seal	0822398		1		
28	74379645	Ball Bearing	P400010006	6002ZZ	1		
29	74379647	Locating Snap Ring	P406108038	STW-15 (Ochiai)	1		
30	74379774	Cover L(A)	6532952		1		
31	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	2		
32	74379775	Cover L(B)	6532953		1		
33	74302812	Hex Soc Cap Screw	P330223002	M6X10 (Unbrako)	2		
34	74379776	4-1/2" Die Spacer(A)	6532954		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	78180217 (36147138)	Hex Soc Cap Screw	P330240019	M10X85	3		
36	74306022	Washer	0827013 B		3		
37	74379778	4-1/2" Die Spacer(B)	6532958		1		
38	74379659	Brush C-3S	6573925		4		
39	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	2		
40	74379779	4-1/2" Die Spacer(C)	6532959		1		
41	74379658	Grooved Pin	6570463		1		
42	74337501	Ball Screw	P338112004	BP-8-H (JEC)	1		
43	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	1		
44	74379777	4-1/2" Die Spacer(D)	6532957		1		
45	74379764	Hex Soc Cap Screw		M8X85 (Unbrako)	2		
46	74314204	Washer	0827367		2		
47	74715320 (45218919)	Grease Nipple	P560600002	A-MT6X1	1		
48	74379761	Bite Type Fitting	P585534027	C4N4X2-PT1/8 (Nitta)	1		
49	74379762	Bite Type Fitting	P585564037	L4N4X2-PT1/8 (Nitta)	1		
50	74379929	Shim	6570174		4		

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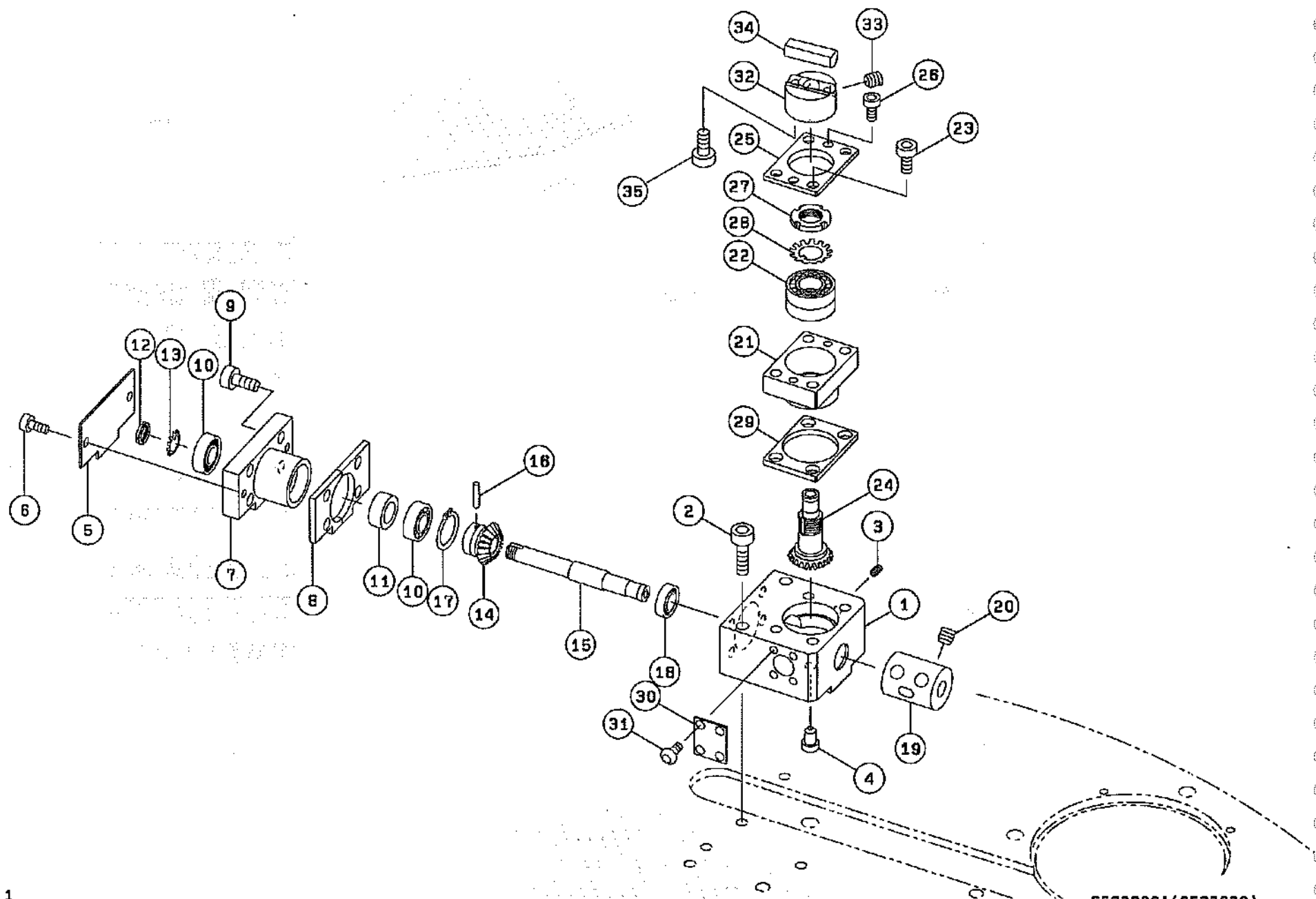
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UNIT NO. 73
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From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379662	Gear Box (u)	6501928 B		1		
2	74319629	Hex Soc Cap Screw	P330233013	M8X55 (Unbrako)	2		
3	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
4	74379677	Locating Pin	P337104002	JPDA8-12 (Misumi)	1		
5	74379668	Cover	6501940 A		1		
6	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
7	74379663	Unit Case	6501930		1		
8	74379664	Adjusting Collar	6501931 A		1		
9	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
10	74379680	Complex Bearing	P404024045	7001DB/GM (NTN)	1		
11	74379666	Collar	6501938		1		
12	74379681	Locknut	P406034002	AN01 (NTN)	1		
13	74379682	Lock Washer	P406044003	AW01 (NTN)	1		
14	74379671	Driven Bevel Gear	6502916 A		1		
15	74379674	Driven Shaft	6532936		1		
16	31172622	Parallel Pin	P337020018	A-4X20	1		
17	74379683	Locating Snap Ring	P406108103	STW-23 (Ochiai)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379678	Ball Bearing	P400010067	6901ZZ	1		
19	74379675	Coupling	6532937		1		
20	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	4		
21	74379665	Point Case	6501935 A		1		
22	74379679	Complex Bearing	P404024044	7003DB/GM (NTN)	1		
23	74374423	Hex Soc Cap Screw	P330233009	M8X35 (Unbrako)	4		
24	74379670	Drive Bevel Gear (U)	6502914		1		
25	74379667	Bearing Retainer	6501939		1		
26	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
27	74313711	Locknut	P406030002	AN-03	1		
28	74314905	Lock Washer	P406040002	AW-03	1		
29	74379672	Adjusting Collar (2)	6502917		1		
30	74379673	Cover	6502918		2		
31	74306424	Button Head Screw	P334500013	M6X10	4		
32	74379669	Pin Support (U)	6501945 A		1		
33	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	2		
34	74379617	Driven Pin	6501944 B		1		

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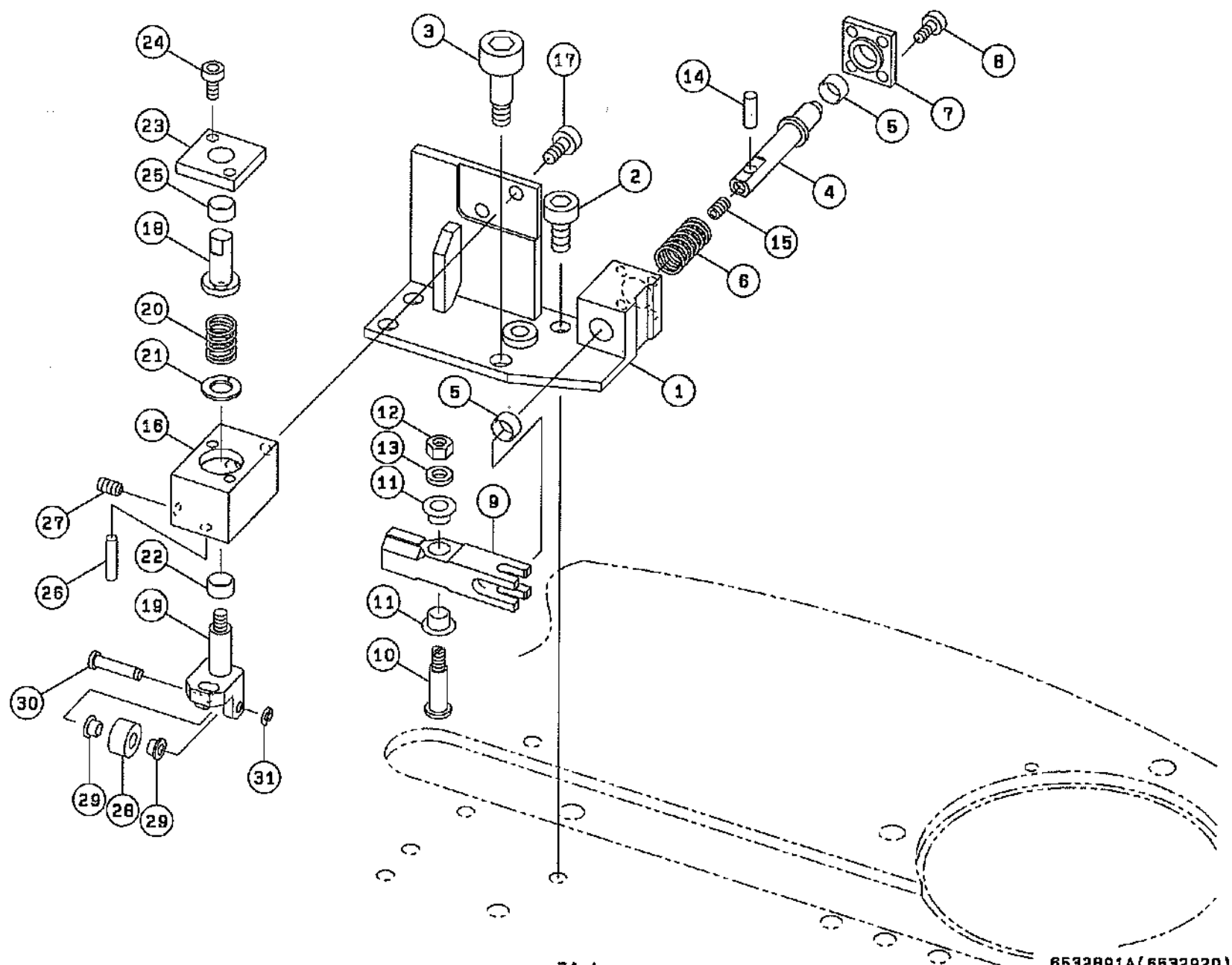


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379684	Brake Bracket (1)	6501981		1		
2	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	3		
3	74379699	Shoulder Screw	P338134004	MSB10-20 (Misumi)	1		
4	74379685	Brake Pin	6501983		1		
5	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	2		
6	74379687	Brake Spring (1)	6501985		1		
7	74379686	Cap	6501984		1		
8	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	4		
9	74379688	Lever	6501986 B		1		
10	74379689	Pin (1)	6501987 A		1		
11	74314920	Plain Bearing	P407013001	MB0806-15FDU (Daido)	2		
12	74722750	Locknut	P332505003	M6(type-2) (Fuji)	1		
13	74302328	Washer	P336000005	6(Regular Round)	1		
14	74379697	Parallel Pin	P337020033	A-6X16	1		
15	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
16	74379690	Brake Case (U)	6501988		1		
17	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379691	Brake Rod U (1)	6501989		1		
19	74379692	Brake Rod U (2)	6501990 A		1		
20	74379693	Brake Spring (2)	6501991		1		
21	74379703	Plain Bearing	P407023002	WC08DUN (Daido Meta)	1		
22	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
23	74379695	Cap (U)	6501993		1		
24	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	2		
25	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
26	74379698	Parallel Pin	P337020257	A-5X22	1		
27	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
28	74379696	Roller	6501998		1		
29	74379702	Plain Bearing	P407013031	MB0504-10FDU (Daido Meta)	2		
30	74379694	Pin (2)	6501992		1		
31	10560468	Locating Snap Ring	P406108078	ETW-4 (Ochiai)	1		

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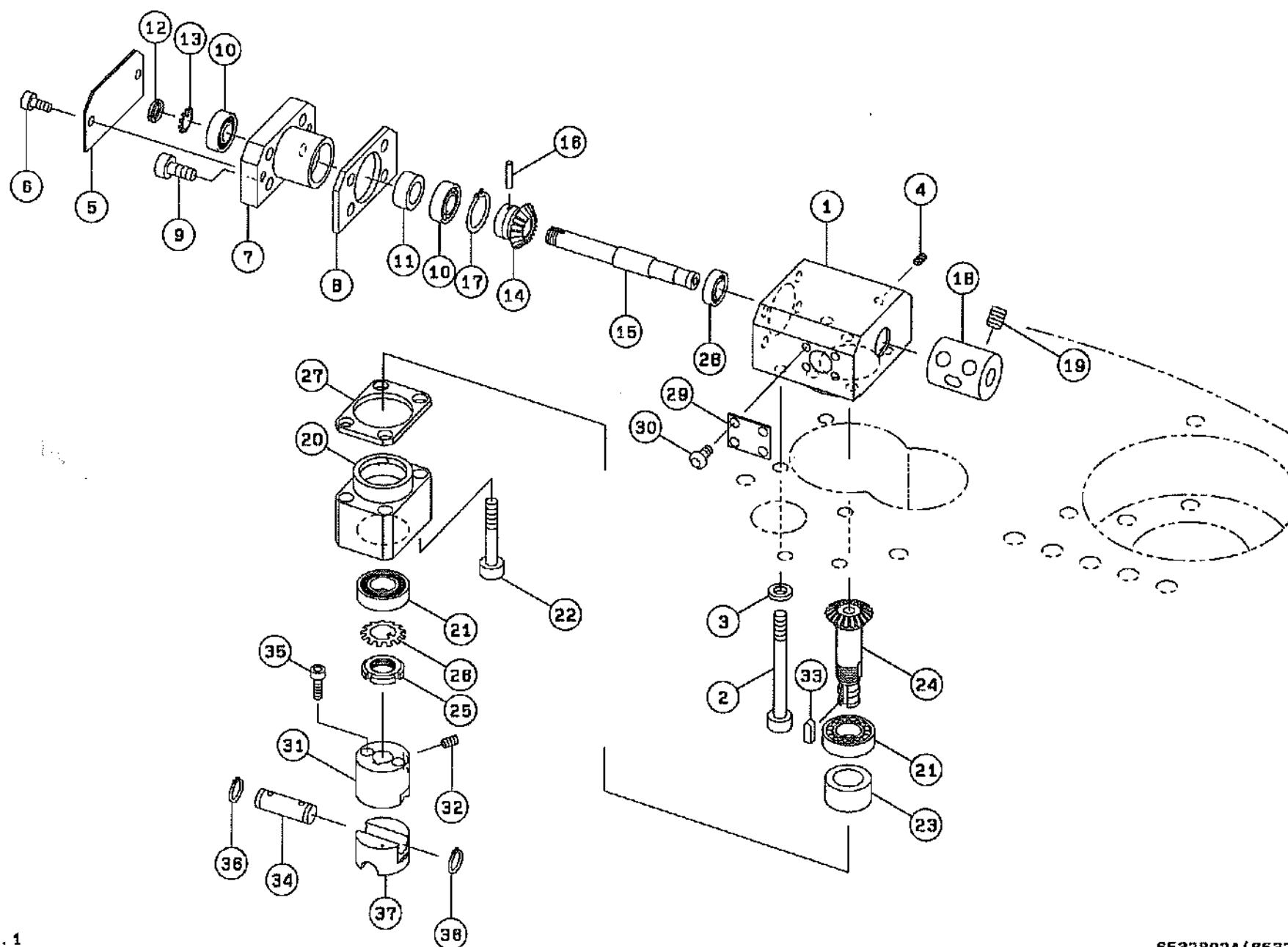
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From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379704	Gear Box(L)	6532960		1		
2	74379782	Hex Soc Cap Screw	P330233019	M8X85 (Unbrako)	2		
3	74314204	Washer	0827367		2		
4	74305504	Socket Set Screw	P330550024	M6X6(flat-end)	1		
5	74379705	Cover(L)	6532961		1		
6	74300546	Hex Soc Cap Screw	P330223003	M6X12 (Unbrako)	2		
7	74379706	Unit Case(L)	6532962		1		
8	74379707	Gear Adjusting Collar(L)	6532963		1		
9	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
10	74379680	Complex Bearing	P404024045	7001DB/GM (NTN)	1		
11	74379666	Collar	6501938		1		
12	74379681	Locknut	P406034002	AN01 (NTN)	1		
13	74379682	Lock Washer	P406044003	AW01 (NTN)	1		
14	74379671	Driven Bevel Gear	6502916 A		1		
15	74379674	Driven Shaft	6532936		1		
16	31172622	Parallel Pin	P337020018	A-4X20	1		
17	74379683	Locating Snap Ring	P406108103	STW-23 (Ochiai)	1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379675	Coupling	6532937		1		
19	74379676	Socket Set Screw	P330603020	M10X10(knurled cup-end) LOC-WEL (Unbrako)	4		
20	74379708	Point Case(L)	6570446		1		
21	74379679	Complex Bearing	P404024044	7003DB/GM (NTN)	1		
22	74300550	Hex Soc Cap Screw	P330233012	M8X50 (Unbrako)	4		
23	74379711	Collar	6570464		1		
24	74379709	Drive Bevel Gear(L)	6570447		1		
25	74313711	Locknut	P406030002	AN-03	1		
26	74314905	Lock Washer	P406040002	AW-03	1		
27	74379710	Gear Adjusting Collar(2)	6570449		1		
28	74379678	Ball Bearing	P400010067	6901ZZ	1		
29	74379673	Cover	6502918		1		
30	74306424	Button Head Screw	P334500013	M6X10	4		
31	74379712	Point D	6570478		1		
32	74379607	Socket Set Screw	P330603024	M6X8(knurled cup-end) LOC-WEL (Unbrako)	2		
33	74379612	Parallel Key	P436000158	5(P7)X5X16(single Round) Type-1	1		
34	74350701	Pin	0812100		1		

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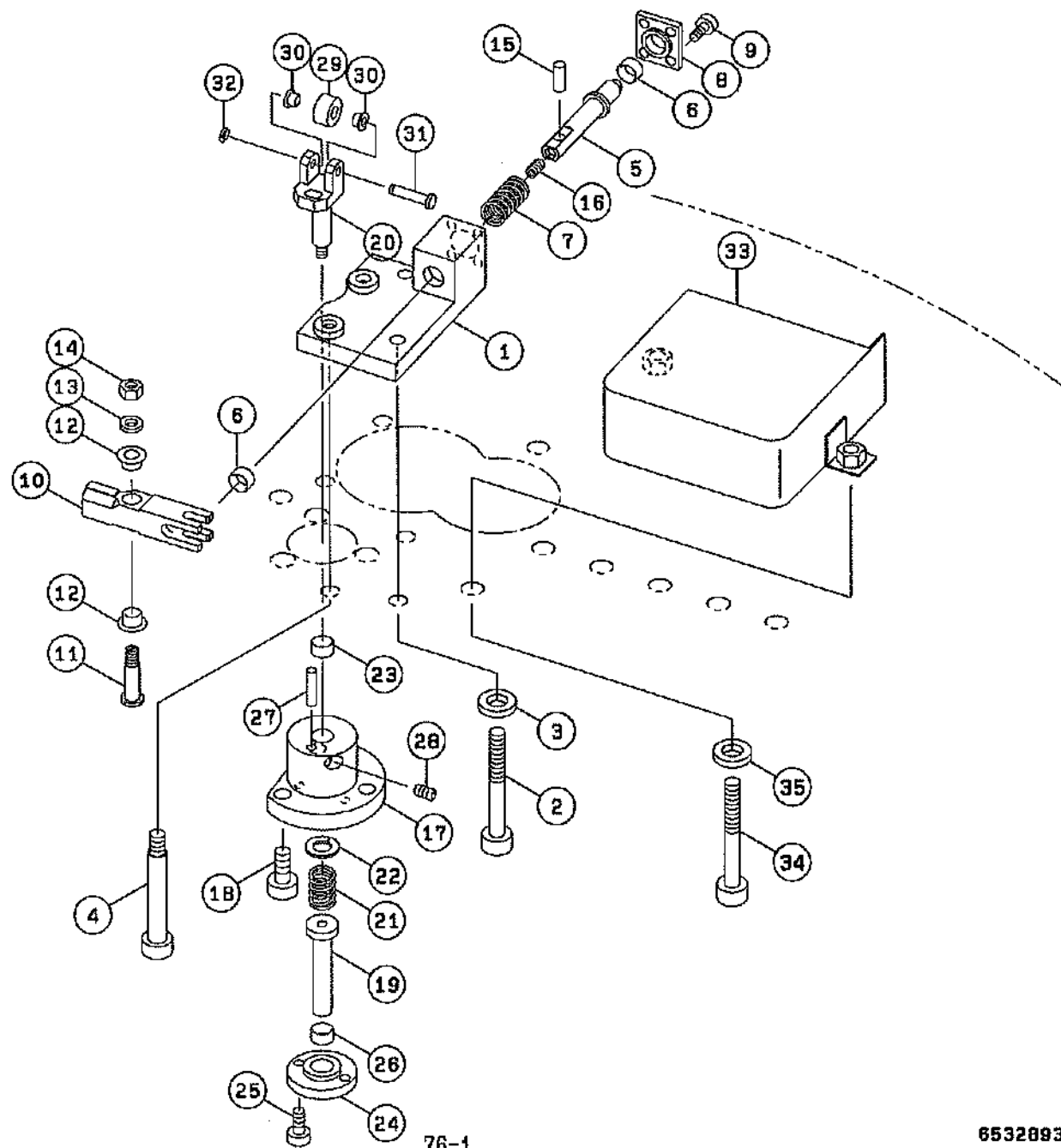
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UNIT NO. 76
4A1(6)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379718	Brake Bracket(L)	6570473 A		1		
2	74374409	Hex Soc Cap Screw	P330233016	M8X70 (Unbrako)	2		
3	74314204	Washer	0827367		2		
4	74379720	Shoulder Screw	P338134007	MSB10-55 (Misumi)	1		
5	74379685	Brake Pin	6501983		1		
6	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	2		
7	74379687	Brake Spring (1)	6501985		1		
8	74379686	Cap	6501984		1		
9	74300530	Hex Soc Cap Screw	P330213003	M5X12 (Unbrako)	4		
10	74379688	Lever	6501986 B		1		
11	74379689	Pin (1)	6501987 A		1		
12	74314920	Plain Bearing	P407013001	MB0806-15FDU (Daido)	2		
13	74302328	Washer	P336000005	6(Regular Round)	1		
14	74722750	Locknut	P332505003	M6(type-2) (Fuji)	1		
15	74379697	Parallel Pin	P337020033	A-6X16	1		
16	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
17	74379714	Brake Case (L)	6501994		1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74535115	Hex Soc Cap Screw	P330233007	M8X25 (Unbrako)	3		
19	74379717	Brake Rod L(1)	6570450 A		1		
20	74379715	Brake Rod L (2)	6501996 A		1		
21	74379693	Brake Spring (2)	6501991		1		
22	74379703	Plain Bearing	P407023002	WC08DUN (Daido Meta)	1		
23	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
24	74379716	Cap (L)	6501997		1		
25	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		
26	74379701	Plain Bearing	P407003096	MB1006DU (Daido Meta)	1		
27	74379698	Parallel Pin	P337020257	A-5X22	1		
28	75420942	Socket Set Screw	P330603018	M6X6 (Unbrako)	1		
29	74379696	Roller	6501998		1		
30	74379702	Plain Bearing	P407013031	MB0504-10FDU (Daido Meta)	2		
31	74379694	Pin (2)	6501992		1		
32	10560468	Locating Snap Ring	P406108078	ETW-4 (Ochiai)	2		
33	74379719	Scrap Guard	6570526		1		
34	74300608	Hex Soc Cap Screw	P330230018	M8X80	2		

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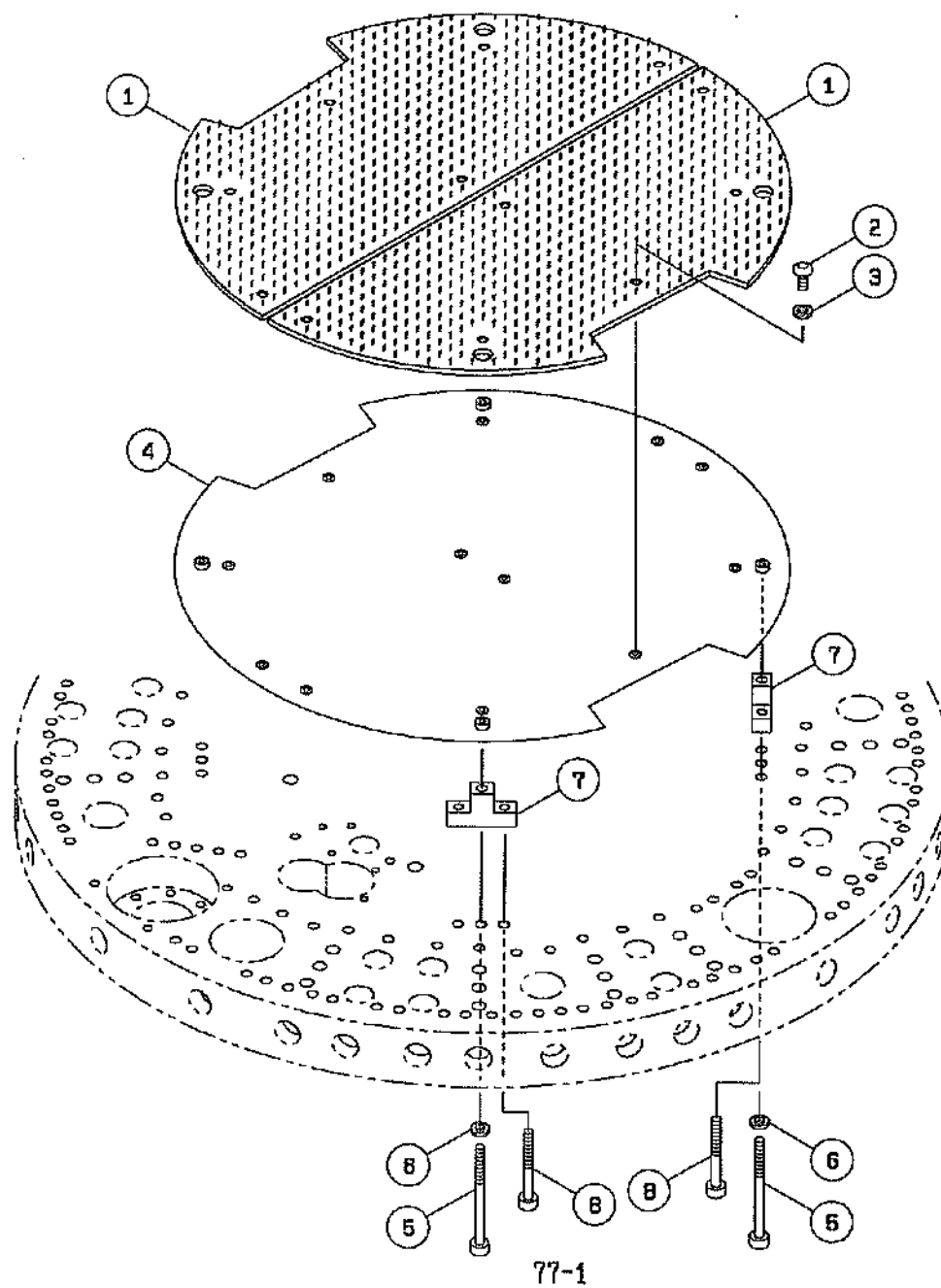
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UNIT NO. 77
4A1(7)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379783	Brush(W)	6533931 A		2		
2	74379724	Button Head Screw	P334500032	M6X8	16		
3	74302328	Washer	P336000005	6(Regular Round)	16		
4	74379784	Setting Plate For Brush(W)	6533932		1		
5	36326429	Hex Soc Cap Screw	P330230026	M8X120	4		
6	74314204	Washer	0827367		12		
7	74379721	Support Block	6530319 C		4		
8	52332453	Hex Soc Cap Screw	P330250016	M12X85	8		

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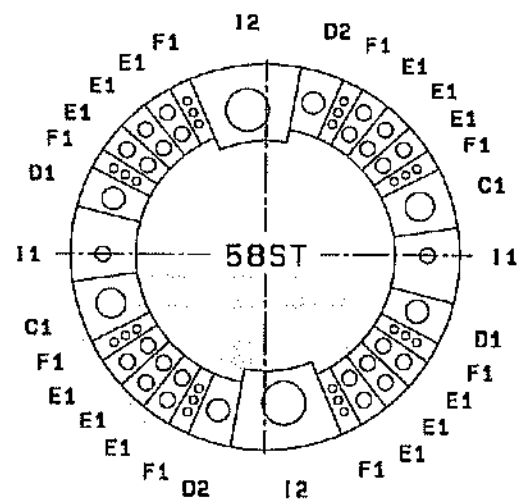


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UNIT NO. 78
4A1(8)-1/2

From serial No. 35820055 and after

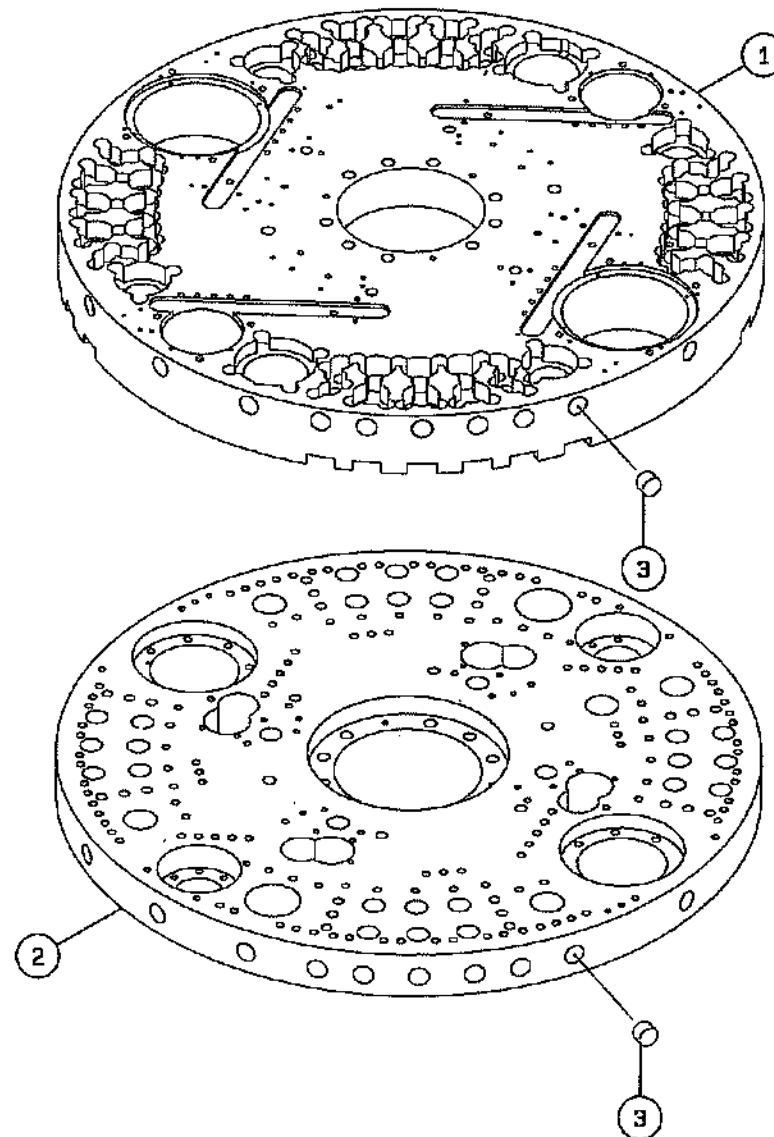


Symbol	Size	Q'ty
C1	3-1/2"	2
D1	2"	2
D2	2"	2
E1	1-1/4"	12
F1	1/2"	8
I1	1-1/4"	2
I1	4-1/2"	2

※A1

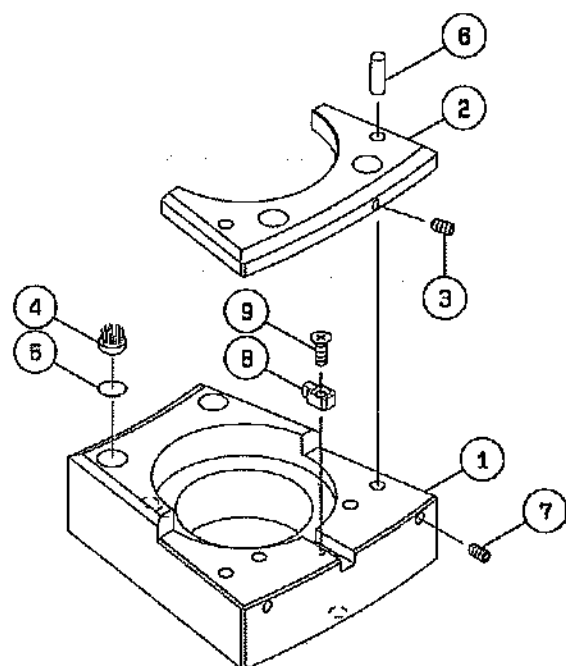
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TOOL ASS'Y(58st)

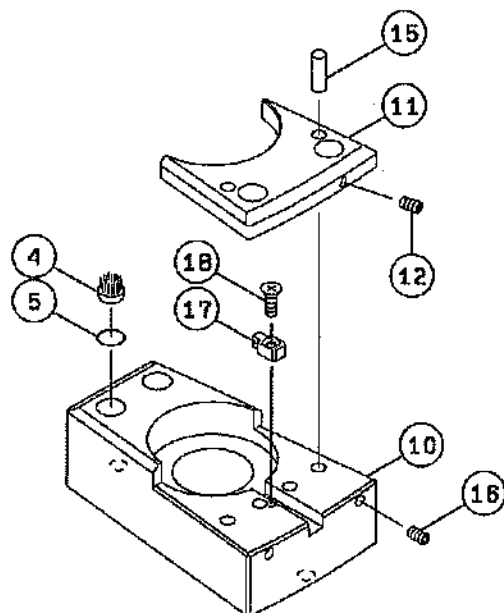


From Serial No. 35820055 and after

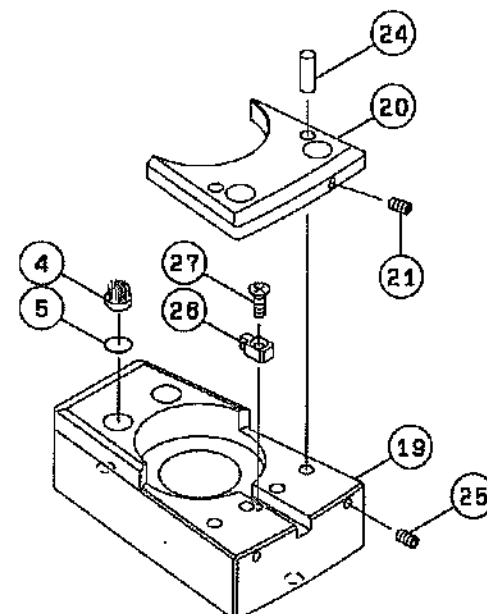
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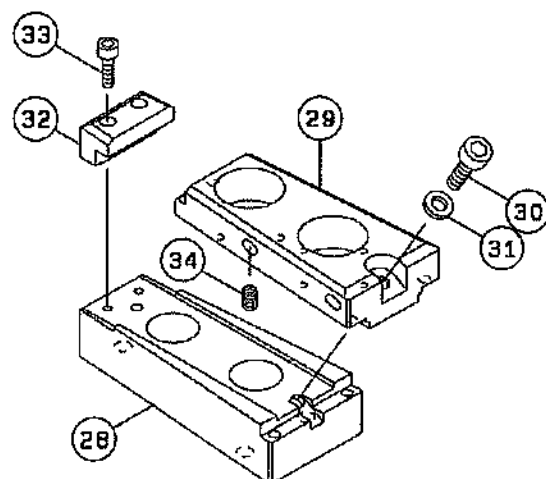
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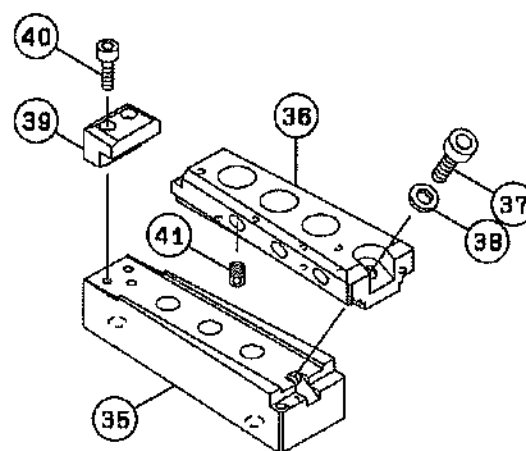
D1 (2")



D2 (2")



E1 (1-1/4")



F1 (1/2")

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379732	3-1/2" Die Holder	6570268		1		
2	74379733	3-1/2" Die Spacer	6570269		1		
3	21218020	Socket Set Screw	P330590054	M6X15(cup-end)	1		
4	74379659	Brush C-3S	6573925		4		
5	74379929	Shim	6570174		4		
6	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
7	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
8	74306001	Die Key	0488034 C		1		
9	74183324	Fiat Head Screw	P334110030	M6X20	1		
10	74379730	2" Die Holder	6570265		1		
11	74379731	2" Die Spacer	6570266		1		
12	21218020	Socket Set Screw	P330590054	M6X15(cup-end)	1		
13	74379659	Brush C-3S	6573925		4		
14	74379929	Shim	6570174		4		
15	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
16	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
17	74306001	Die Key	0488034 C		1		

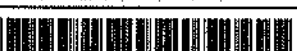
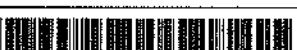
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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74183324	Flat Head Screw	P334110030	M6X20	1		
19	74379787	2" Die Holder	6532986		1		
20	74379731	2" Die Spacer	6570266		1		
21	21218020	Socket Set Screw	P330590054	M6X15(cup end)	1		
22	74379659	Brush C-3S	6573925		4		
23	74379929	Shim	6570174		4		
24	75426232	Parallel Pin	P337048020	LC-BX10X28 (Nitto Seik)	2		
25	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		
26	74306001	Die Key	0488034 C		1		
27	74183324	Flat Head Screw	P334110030	M6X20	1		
28	74379734	1-1/4" Lower Die Holder	6570277		1		
29	74379735	1-1/4" Upper Die Holder	6570278		1		
30	74314306	Corner Bolt	0827474 A		1		
31	74337025	Washer	0827484		1		
32	74379736	1-1/4" Block	6570279		1		
33	74304904	Hex Soc Cap Screw	P330220012	M6X30	2		
34	74337501	Ball Screw	P338112004	BP-8-H (JEC)	2		

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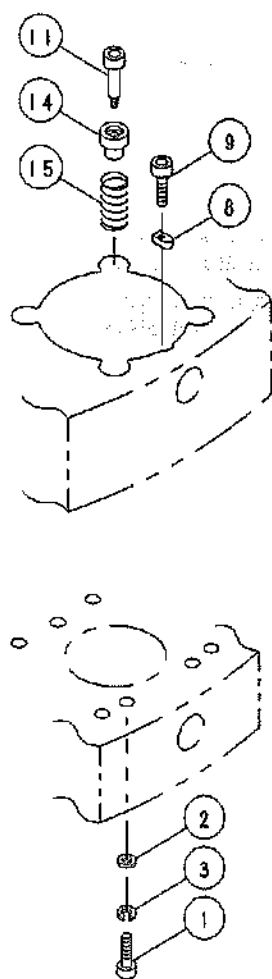
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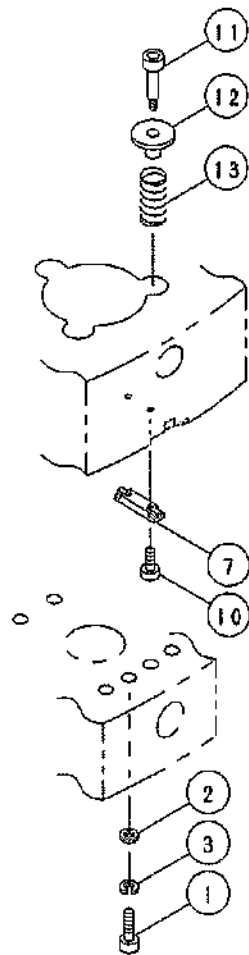
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From Serial No. 35820055 and after

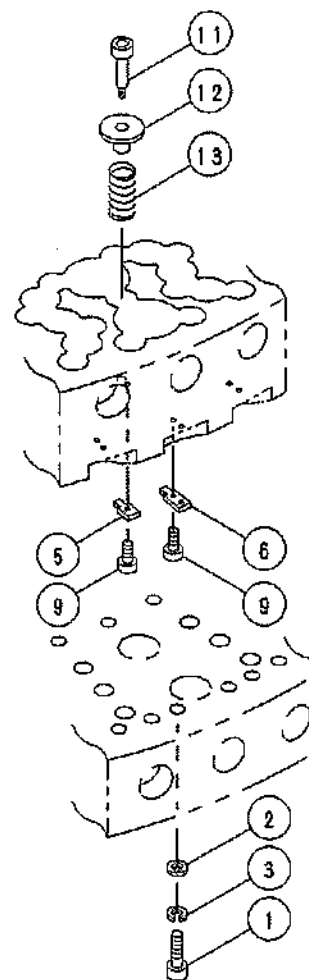
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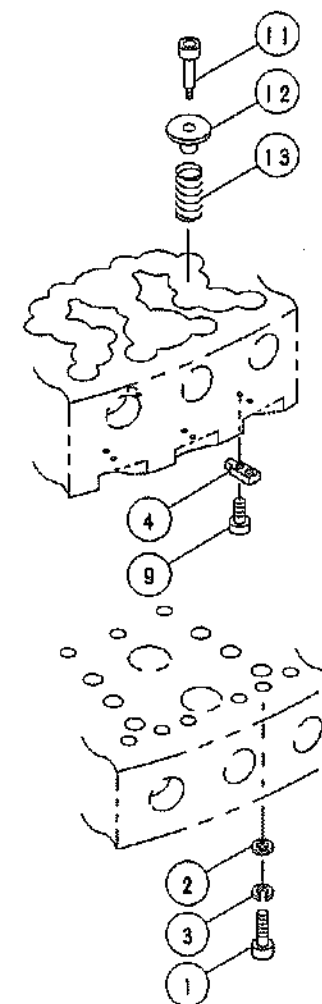
C1 (3-1/2")



D1, D2 (2")



E1 (1-1/4")



F1 (1/2")

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379741	Hex Soc Cap Screw	P330253014	M12X90 (Unbrako)	98		
2	74379740	Washer	8274014 B		98		
3	74301615	Spring Washer	P336050008	12	98		
4	74379739	1/2" Guide Key	0828354		8		
5	74312327	1-1/4" Guide Key	0827263 A		12		
6	74306007	1/2", 1-1/4" Guide Key	5501007 G		20		
7	74306010	2" Guide Key	5501050 C		4		
8	74306008 (74336711)	3-1/2" Guide Key	5501010 C		2		
9	74302815	Hex Soc Cap Screw	P330220009	M6X20	62		
10	75168508	Hex Soc Cap Screw	P330220011	M6X25	8		
11	74306018	Shoulder Screw	5501017 C		96		
12	74306004 (74165223)	Lifter Collar	5500217 B		88		
13	74306214 (74165232)	Lifter Spring B	0827241 A		88		
14	74306014	Lifter Ring	5501009 C		8		
15	74306213	Lifter Spring A	0827240 A		8		

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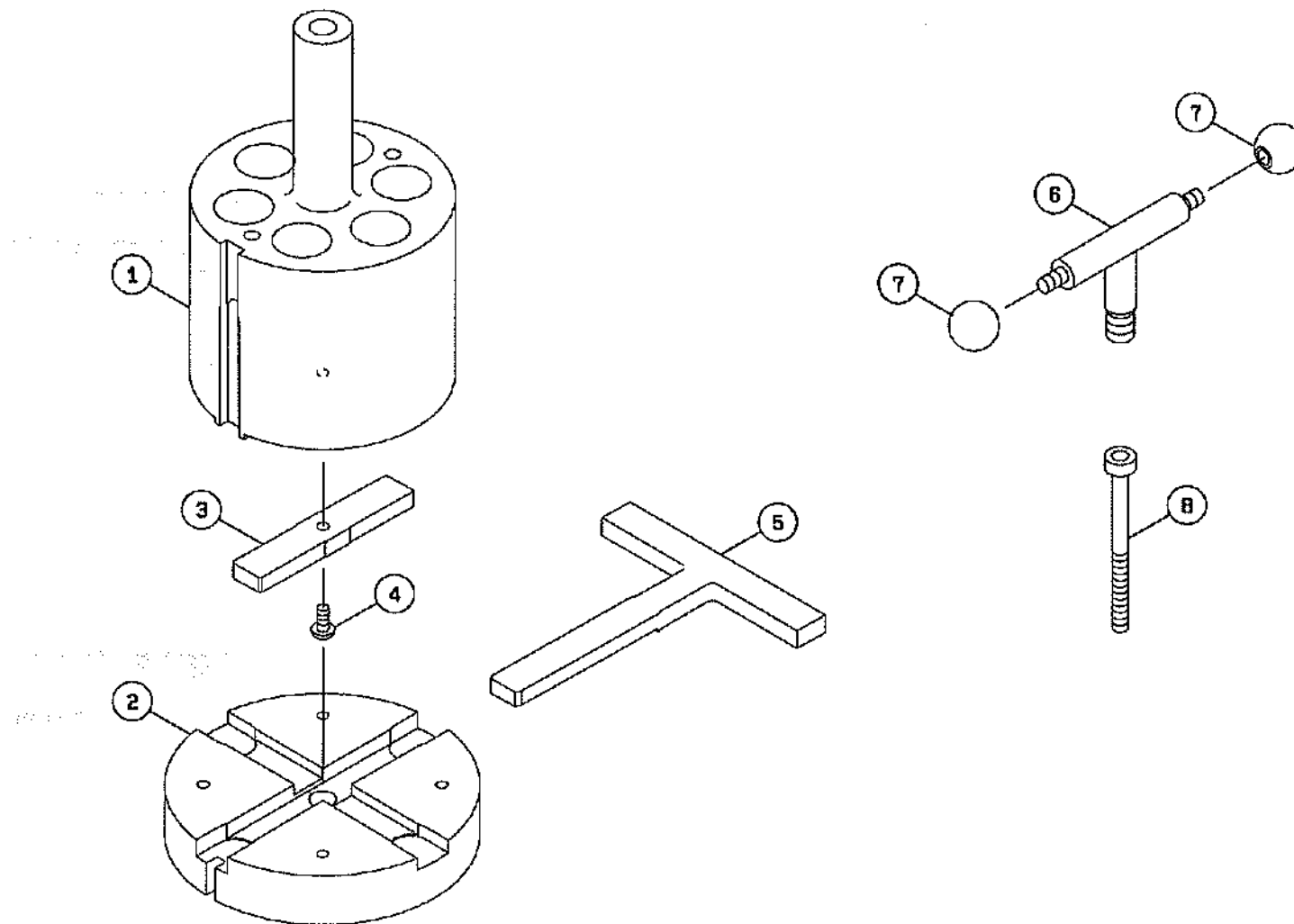
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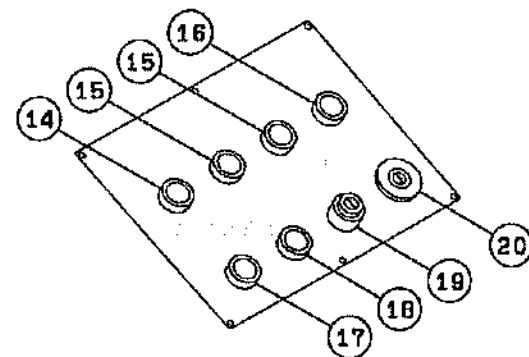
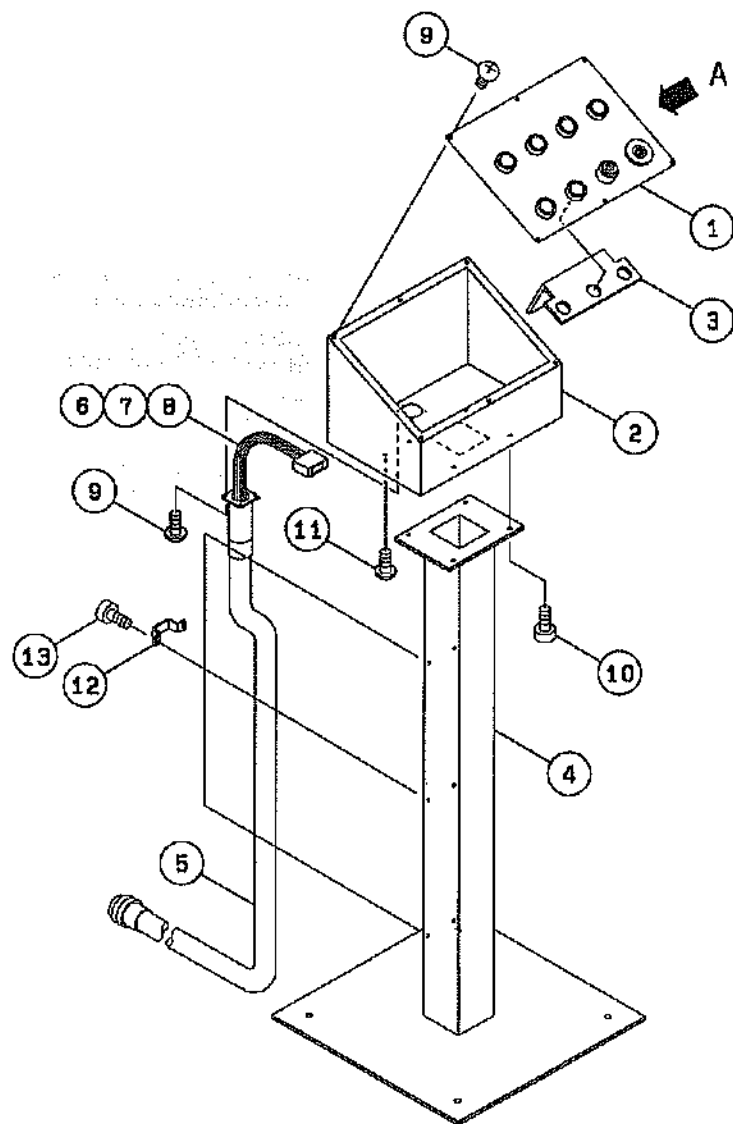
From Serial No. 35820055 and after

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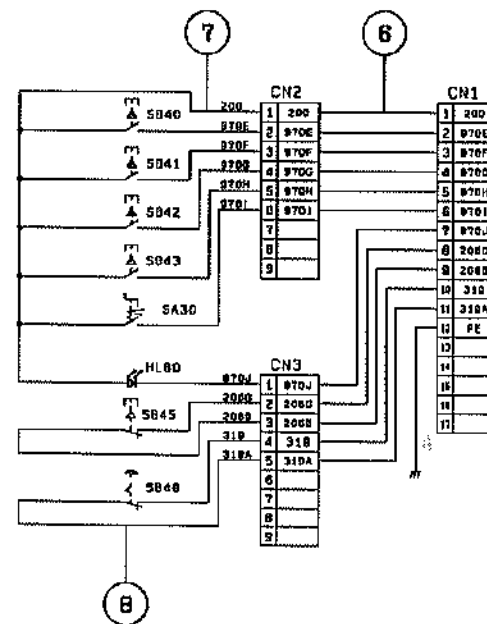
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UNIT NO. 82 From serial No. 35820055 and after
Auxiliary Control Stand



DETAIL A



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379796	Panel	6503011 A		1		
2	74721964	Operating Box	6046772		1		
3	74721947	CN Setting Plate	6016778		1		
4	74721965	Leg	6046773		1		
5	74379792	Cable HS1	6503001		1		
6	74379793	Cable CN1	6503002 A		1		
7	74379794	Cable CN2	6503003 A		1		
8	74379795	Cable CN3	6503004 A		1		
9	10555916	Pan Head Screw	P334100003	M3X6	10		
10	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
11	10337027	Pan Head Screw	P334100018	M4X10	1		
12	74722816	Saddle For Conduit	P381017066	CD-15 (Daiwa)	3		
13	74300649	Hex Soc Cap Screw	P330203008	M4X10 (Unbrako)	6		
14	74712509	Push Switch	P821084009	AH22-G1G10 (Fuji)	1		
15	74723019	Push Switch	P821084010	AH22-G1Y10 (Fuji)	2		
16	74723032	Indicator Apparatus	P843034003	AH22-ZGE3 (Fuji)	1		
17	74720435 (75425037)	Push Switch	P821084006	AH22-ER01 (Fuji)	1		

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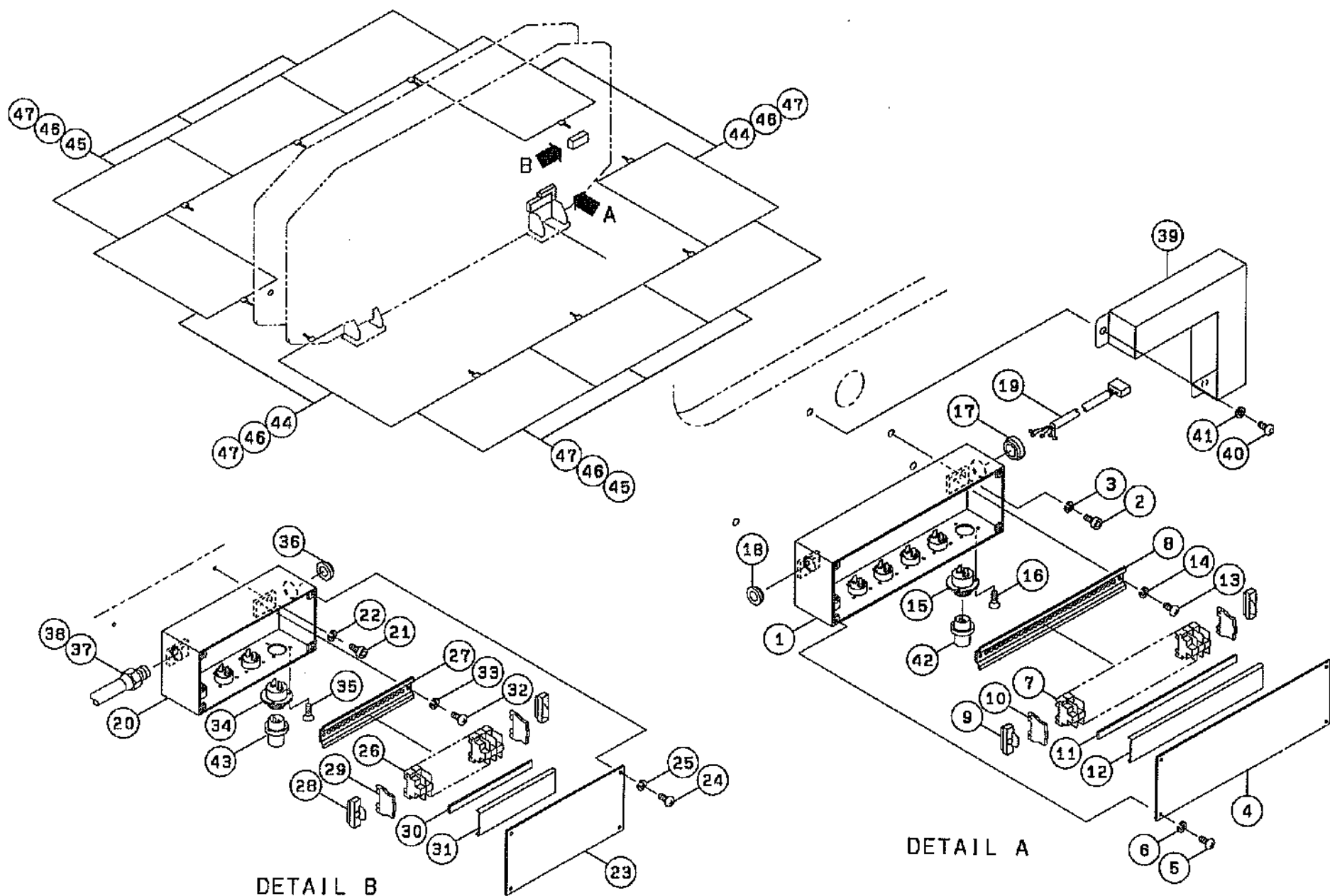


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UNIT NO. 83
Safety Mat

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74312001	Junction Box (A)	0808594 A		1		
2	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
3	74300518	Spring Washer	P336050006	8	2		
4	74312007	Cover	0808602		1		
5	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	4		
6	74300516	Spring Washer	P336050004	5	4		
7	75428211	Block Terminal	P864002026	BN15MW (Izumi)	24		
8	74379804	Terminal Base	P864032044	BAP262.5 (Izumi)	1		
9	74342638 (36329501)	Terminal Fitting	P864052008	BNL6 (Izumi)	2		
10	75428212	Terminal Fitting	P864052019	BNE15W (Izumi)	2		
11	74379807	Terminal Label	P864072026	BNM9(210) (Izumi)	1		
12	74379805	Terminal Cover	P864062054	BNC23(210) (Izumi)	1		
13	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	2		
14	74300516	Spring Washer	P336050004	5	2		
15	74312132	Metallic Connector	P860012003	NCS-254-RF (Nanaboshi)	6		
16	74706436	Flat Head Screw	P334110001	M3X6	18		
17	74537417	Bush For Cable	P229112037	C-30-SG-26A (Takigen)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74537418	Bush For Cable	P229112035	C-30-SG-22A (Takigen)	1		
19	74379798	Cable T-15	6018315		1		
20	74312002	Junction Box (B)	0808606 A		1		
21	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
22	74300518	Spring Washer	P336050006	8	2		
23	74312008	Cover	0808607		1		
24	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	4		
25	74300516	Spring Washer	P336050004	5	4		
26	75428211	Block Terminal	P864002026	BN15MW (Izumi)	12		
27	74379803	Terminal Base	P864032010	BAP162.5 (Izumi)	1		
28	74342638 (36329501)	Terminal Fitting	P864052008	BNL6 (Izumi)	2		
29	75428212	Terminal Fitting	P864052019	BNE15W (Izumi)	2		
30	74379808	Terminal Label	P864072037	BNM9(110) (Izumi)	1		
31	74379806	Terminal Cover	P864062055	BNC23(110) (Izumi)	1		
32	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	2		
33	74300516	Spring Washer	P336050004	5	2		
34	74312132	Metallic Connector	P860012003	NCS-254-RF (Nanaboshi)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74706436	Flat Head Screw	P334110001	M3X6	12		
36	74537418	Bush For Cable	P229112035	C-30-SG-22A (Takigen)	1		
37	74379797	Cord		φ1.25X4X3000	1		
38	74308126	Fitting For Conduit	P866108006	NC-1 (Kitagawa)	1		
39	74379799	Wiring Cover(Mat)	6578701		1		
40	74304817	Button Head Screw	P334500019	M8X15	2		
41	74300511	Washer	P336000006	8(Regular Round)	2		
42	74379802	Metallic Connector	P860002011	NCS-254-SPM (Nanaboshi)	6		
43	74379802	Metallic Connector	P860002011	NCS-254-SPM (Nanaboshi)	4		
44	74312029	Mat Switch(A)	0808596 A		4		
45	74353021	Mat Switch(F)	6018394		6		
46	74353016	Mat Stopper	6511375		40		
47	74379801	Anchor	P338213008	T-630 (Sanko)	80		

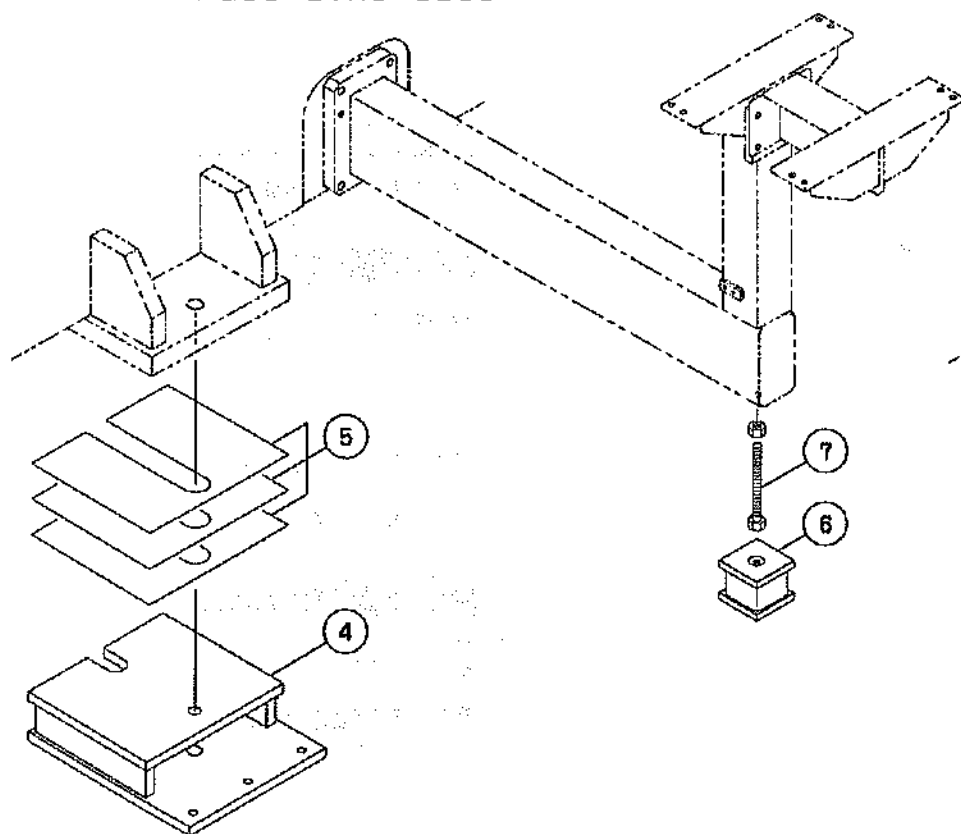
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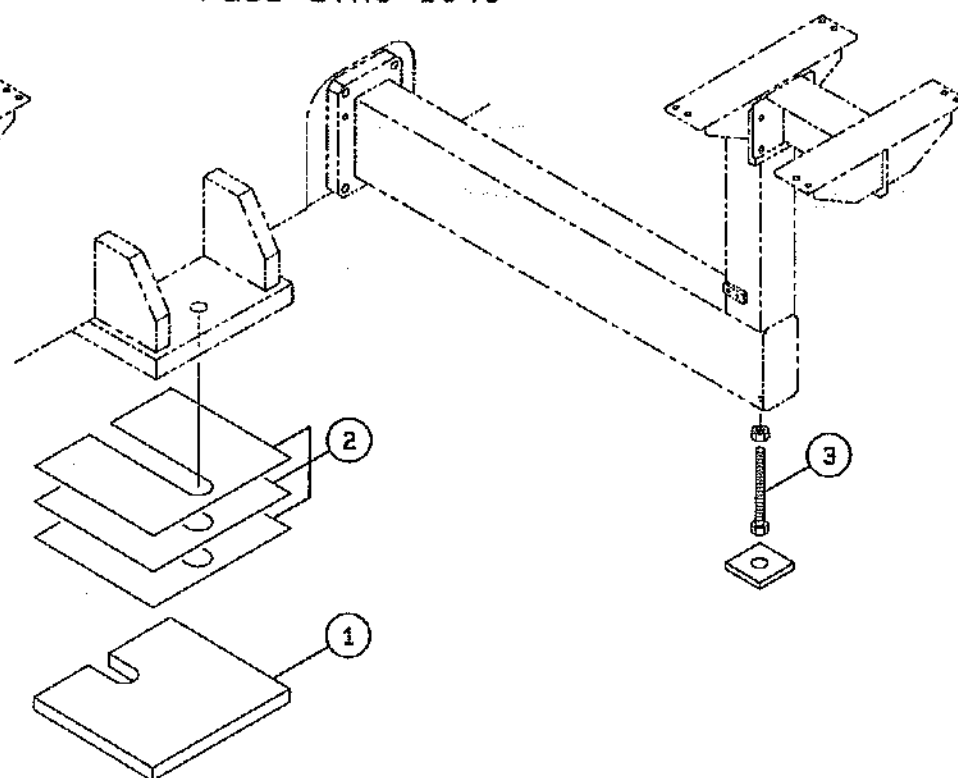
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Pass Line 1105



Pass Line 1040



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74375801	Base Plate	0827141 A		4		
2	74375805	Shim	0827142 A		30		
3	74413108	Bolt	P330060037	M16X100(All Thread)	4		
4	74379809	Base Block	6531898		4		
5	74375805	Shim	0827142 A		60		
6	74379810	Base Block	6573799		4		
7	74413108	Bolt	P330060037	M16X100(All Thread)	4		

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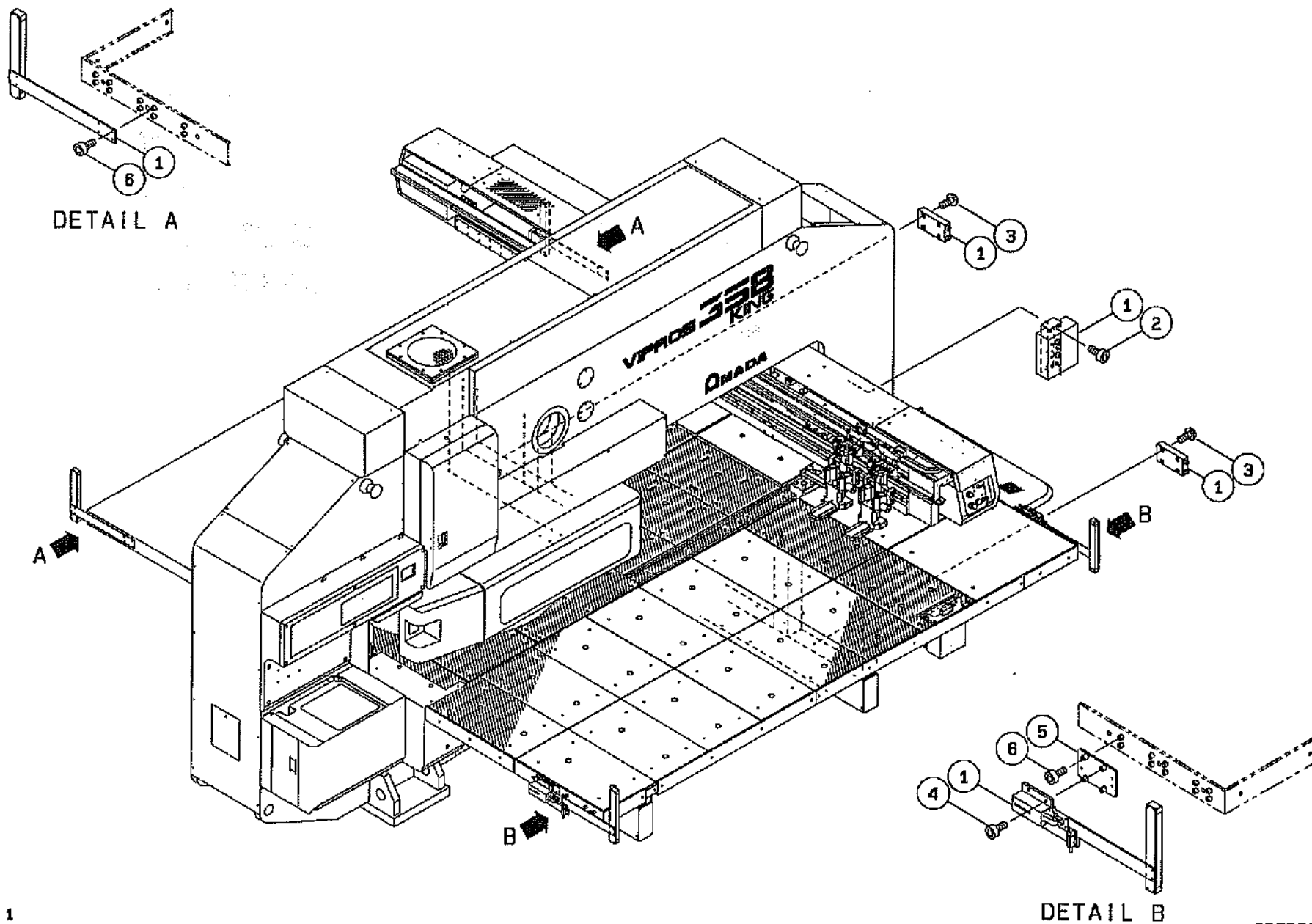
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UNIT NO. 85
Light Sensor (1)

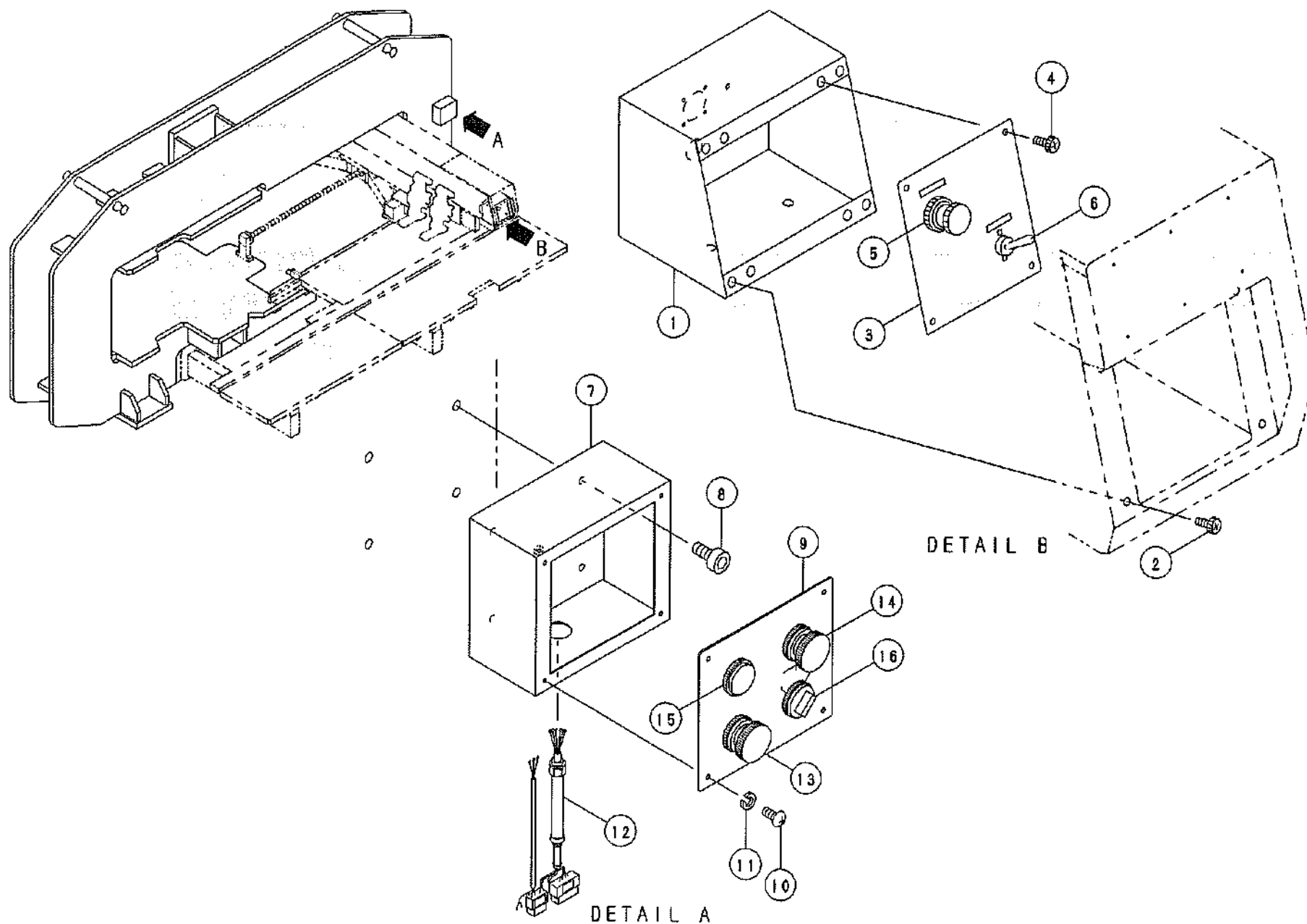
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UNIT NO. 86
Light Sensor (2)

From serial No. 35820055 and after



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74722126	Carriage Operating Box	6530889		1		
2	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	4		
3	74379816	Carriage Operating Plate	6506836		1		
4	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	4		
5	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
6	74723021	Toggle Switch	P823008001	AJ3110 (Matsushita)	1		
7	74379814	Another Control Panel MP	6506826 A		1		
8	74535107	Hex Soc Cap Screw	P330223006	M6X16 (Unbrako)	4		
9	74379815	Legend Plate(MP Plate)	6506827		1		
10	52106232	Pan Head Screw	P334100019	M4X12	4		
11	74300515	Spring Washer	P336050003	4	4		
12	74379813	Cable L-1,L-2,L-4	6018526 A		1		
13	74308602	Push Switch	P821124004	AH30-FG10 (Fuji)	1		
14	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
15	74308603	Push Switch	P821124007	AH30-FY10 (Fuji)	1		
16	74308510	Rotary Switch	P820004005	AH30-P2B01 (Fuji)	1		

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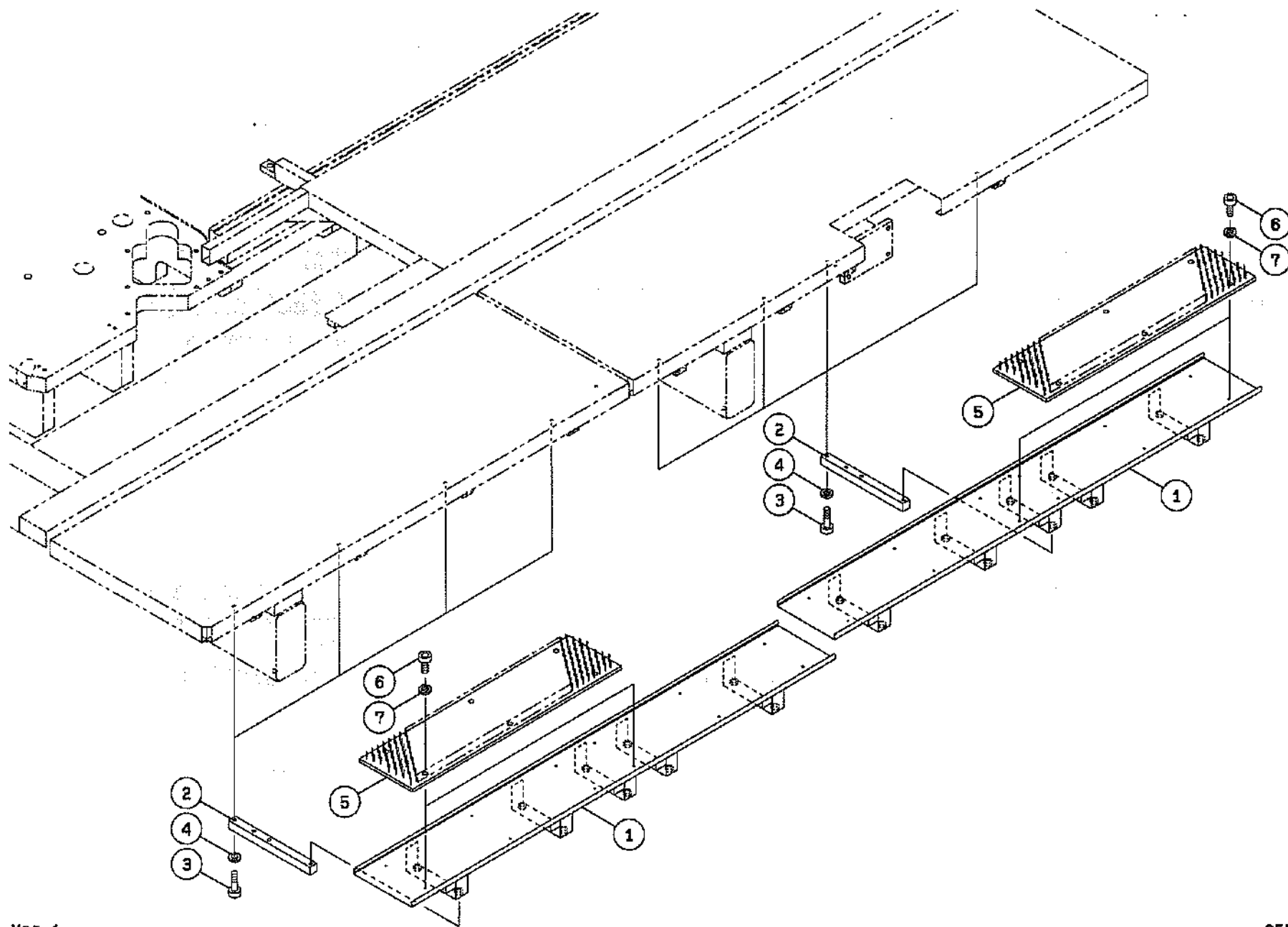


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UNIT NO. 87
MP(1)

From serial No.35820055 and after

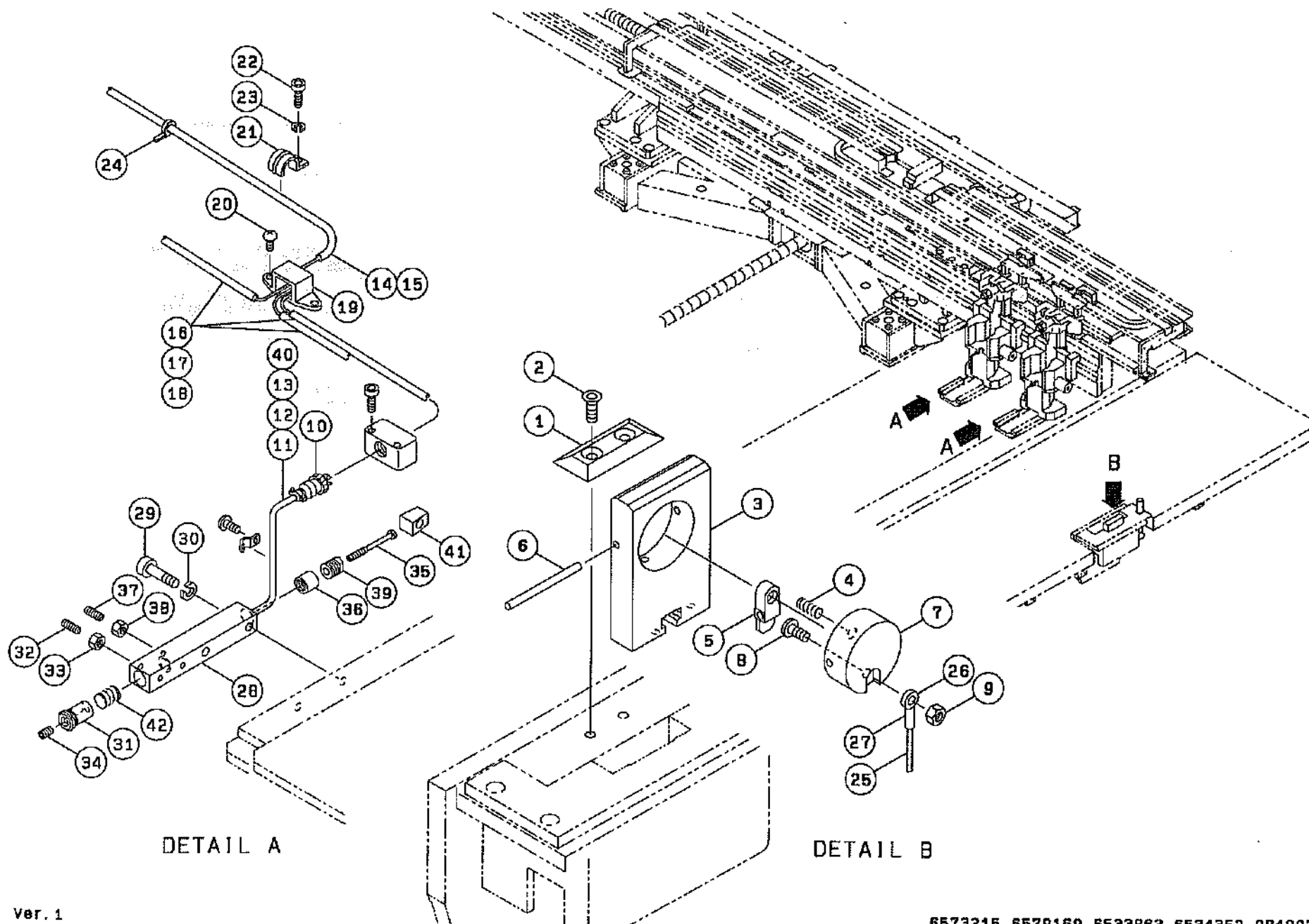


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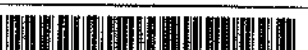
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6579090A

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379825	Support Plate	0819402		1		
2	74722762	Flat Head Bolt	P334520001	M6X15	2		
3	74379833	Stopper With Sensor	6579179 A		1		
4	74347230	Spring	0829622 A		1		
5	74316427	X Axis Touch Sensor Assy	0829974 B		1		
6	74347511	Straight Pin	0829975		1		
7	74347219	Insulator	0829976 B		1		
8	74716254	Flat Head Screw	P334010001	M3X12(Slotting)	1		
9	74716014	Nut	P332000014	M3(Type-3)	1		
10	74374415	Plug Socket	7930044		3		
11	74319037	Cord(P.V.C)	P342200128	KIV1.25X1000(Blue)	2		
12	74334501	Plastic Hose	P230222021	N2-4-6X4-1M (Nitta)	2		
13	74308223	Hose For Tie Up	P869108005	P-12-1M (Sibakei)	2		
14	74338902	Plastic Hose	P230222020	N2-4-12X9-1.85M (Nitta)	1		
15	74379823	KVC-43BX Cable		00.5X2CX1950L (Kuramo)	1		
16	74315418	Cabtyre Cable	P342300002	VCT0.75X2X350	1		
17	74315418	Cabtyre Cable	P342300164	VCT0.75X2X1050	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74315418	Cabletyre Cable	P342300165	VCT0.75X2X1250	1		
19	74379821	Terminal Board		KS-2L(With Cover) (Sato)	1		
20	10364023	Pan Head Screw	P334100006	M3X12	2		
21	74379834	Saddle For Conduit	P381017028	PZ0112 (Daiwa)	1		
22	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	1		
23	74300517	Spring Washer	P336050005	6	1		
24	74722819	Cable Band	P381058020	CV-175 (Sibakei)	1		
25	74319037	Cord(P.V.C)	P342200130	KIV1.25X2000(Blue)	1		
26	74723044	Solderless Terminal	P869200003	R1.25-4	1		
27	74379824	Marker Tube		φ1.25,L=10	1		
28	74379826	Sensor Holder	0849940		1		
29	74314405	Hex Soc Cap Screw	P330210010	M5X25	2		
30	74300516	Spring Washer	P336050004	5	2		
31	74379827	Push Holder	0849941		1		
32	10443503	Socket Set Screw	P330550011	M4X10(flat-end)	1		
33	71360854	Nut	P332000015	M4(Type-3)	1		
34	71102223	Socket Set Screw	P330550008	M4X5(flat-end)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379828	Screw	0849942 A		1		
36	74379829	Insulator	0849943		1		
37	74379822	Socket Set Screw		M4X8(cup—end)	1		
38	71360854	Nut	P332000015	M4(Type—3)	1		
39	74379830	Screw	0849944		1		
40	74379820	Cord		1011—20—01(1.5M) (Showa Dens)	1		
41	74379831	Packing	0849945		1		
42	74379832	Spring	0849946		1		



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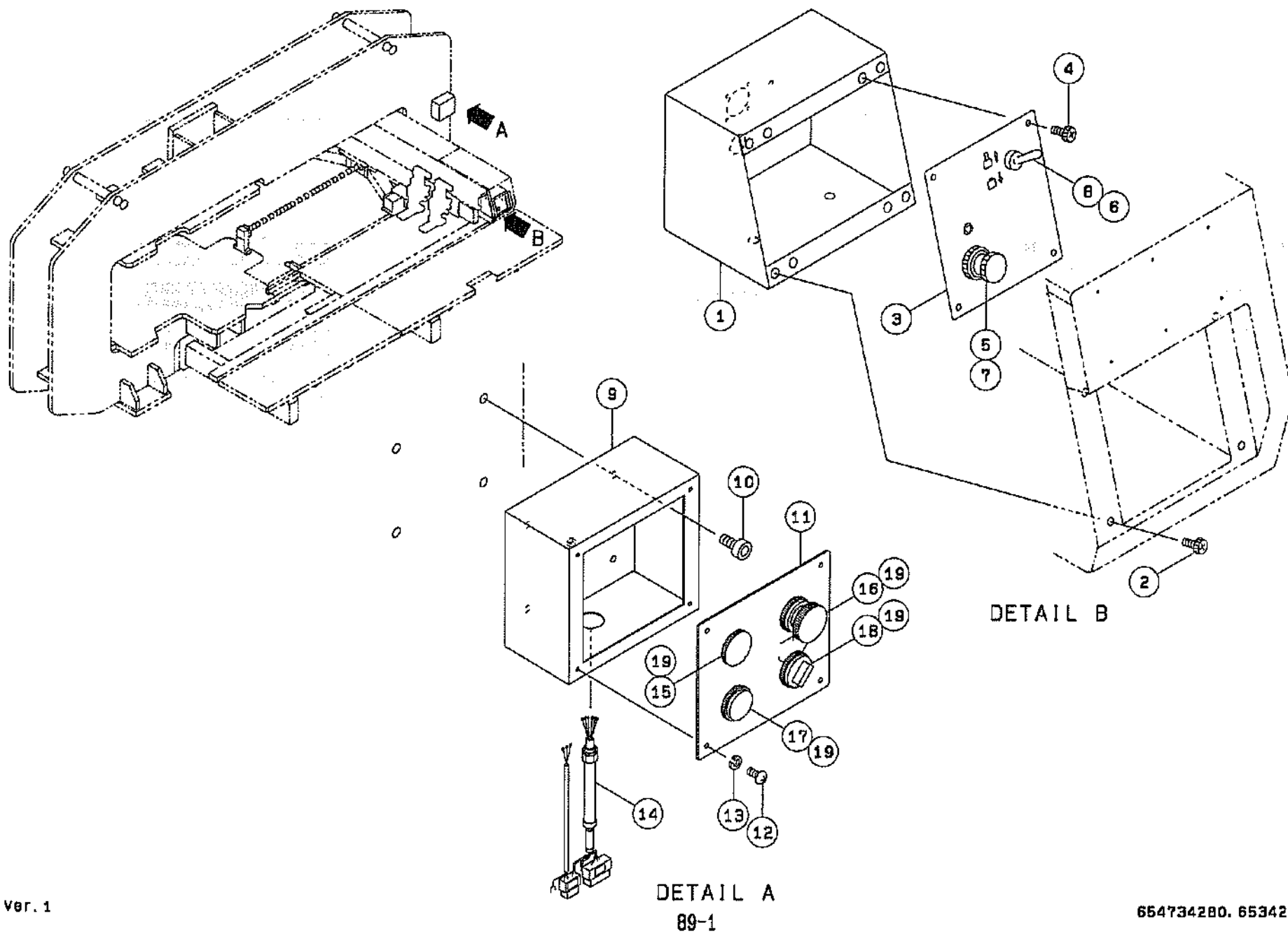


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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74722126	Carriage Operating Box	6530889		1		
2	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	4		
3	74379836	Carriage Operating Plate	6541421		1		
4	74722794	Finger Screw	P338048001	NO.2-M5X10 (Mouri)	4		
5	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
6	74723021	Toggle Switch	P823008001	AJ3110 (Matsushita)	1		
7	74379492	Accessory(Switch)	P821804002	AHX085 (Fuji)	1		
8	74723022	Accessory(Toggle S)	P823088001	WD1911 (Matsushita)	1		
9	74379814	Another Control Panel MP	6506826 A		1		
10	74535107	Hex Soc Cap Screw	P330223006	M6X16 (Unbrako)	4		
11	74379837	Legend Plate	6541426		1		
12	52106232	Pan Head Screw	P334100019	M4X12	4		
13	74300515	Spring Washer	P336050003	4	4		
14	74379835	Cable L-1,L-2(EX)	6534284 A		1		
15	74308602	Push Switch	P821124004	AH30-FG10 (Fuji)	1		
16	74379491	Push Switch	P821124017	AH30-VR01 (Fuji)	1		
17	74308603	Push Switch	P821124007	AH30-FY10 (Fuji)	1		

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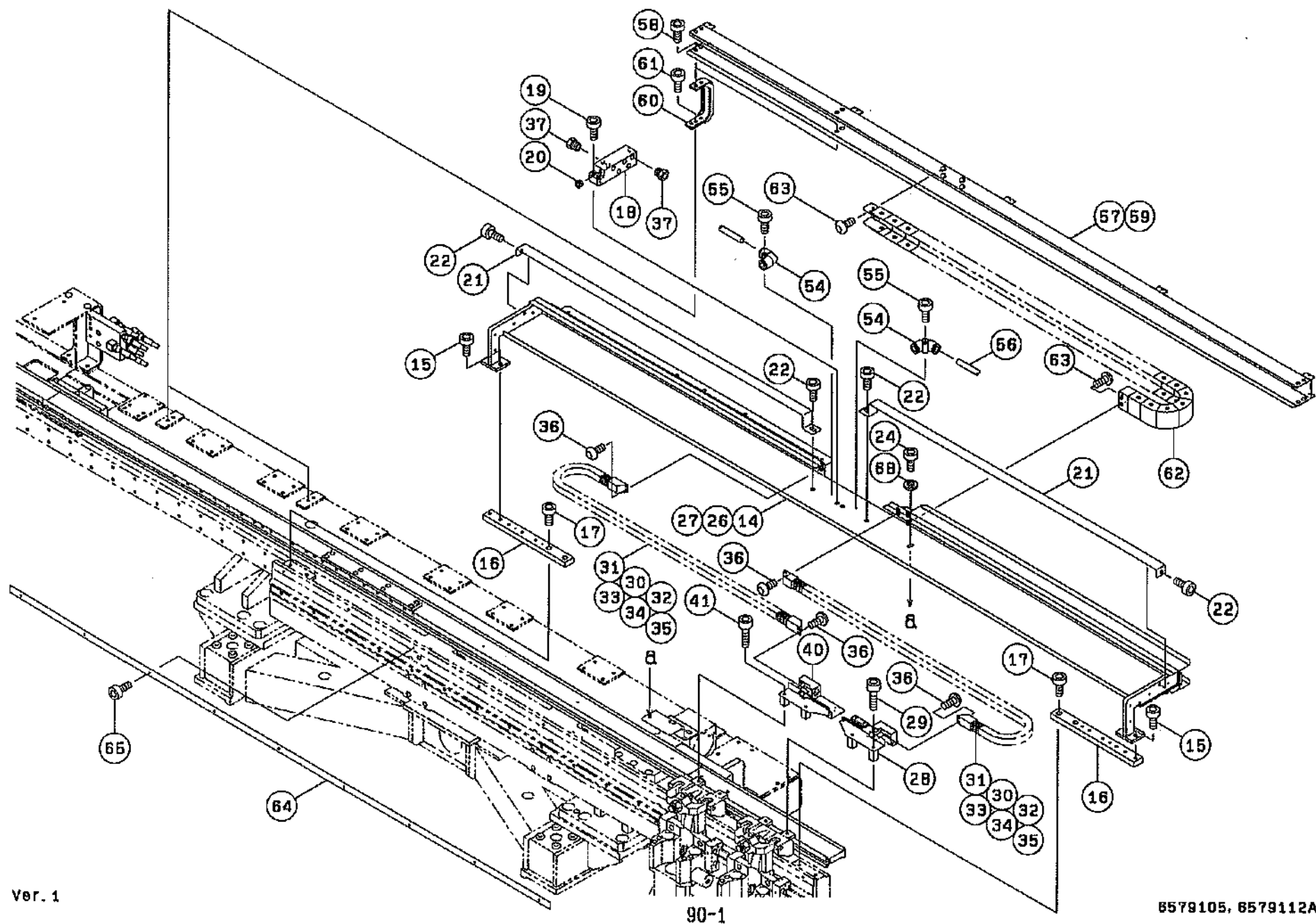
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Clamp Positioner (1)-1/3



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
14	74379844	Hose Guide	6573454 C		1		
15	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
16	74379838	Setting Plate	6531808 A		2		
17	74300606	Hex Soc Cap Screw	P330230006	M8X20	4		
18	74379848	Manifold	6573469		1		
19	74304909	Hex Soc Cap Screw	P330230010	M8X40	2		
20	74379852	Plug For Piping	P580180001	1/8	3		
21	74379843	Guide Flex	6571816		2		
22	36329937	Hex Soc Cap Screw	P330230001	M8X10	4		
24	36329937	Hex Soc Cap Screw	P330230001	M8X10	2		
26	74722818	Cable Band	P381058019	CV-250 (Sibakei)	2		
27	74318234	Cable Band	P381058014	CV-300 (Sibakei)	2		
28	74379839	Bracket Cap Flex(1)	6531812 A		1		
29	44446227	Hex Soc Cap Screw	P330220014	M6X40	2		
30	74379849	Hoser Sub Assy	6579106		2		
31	74379845	Cap Flex	6573456		2		
32	74379850	Hoser(A)	6579107		2		

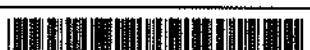
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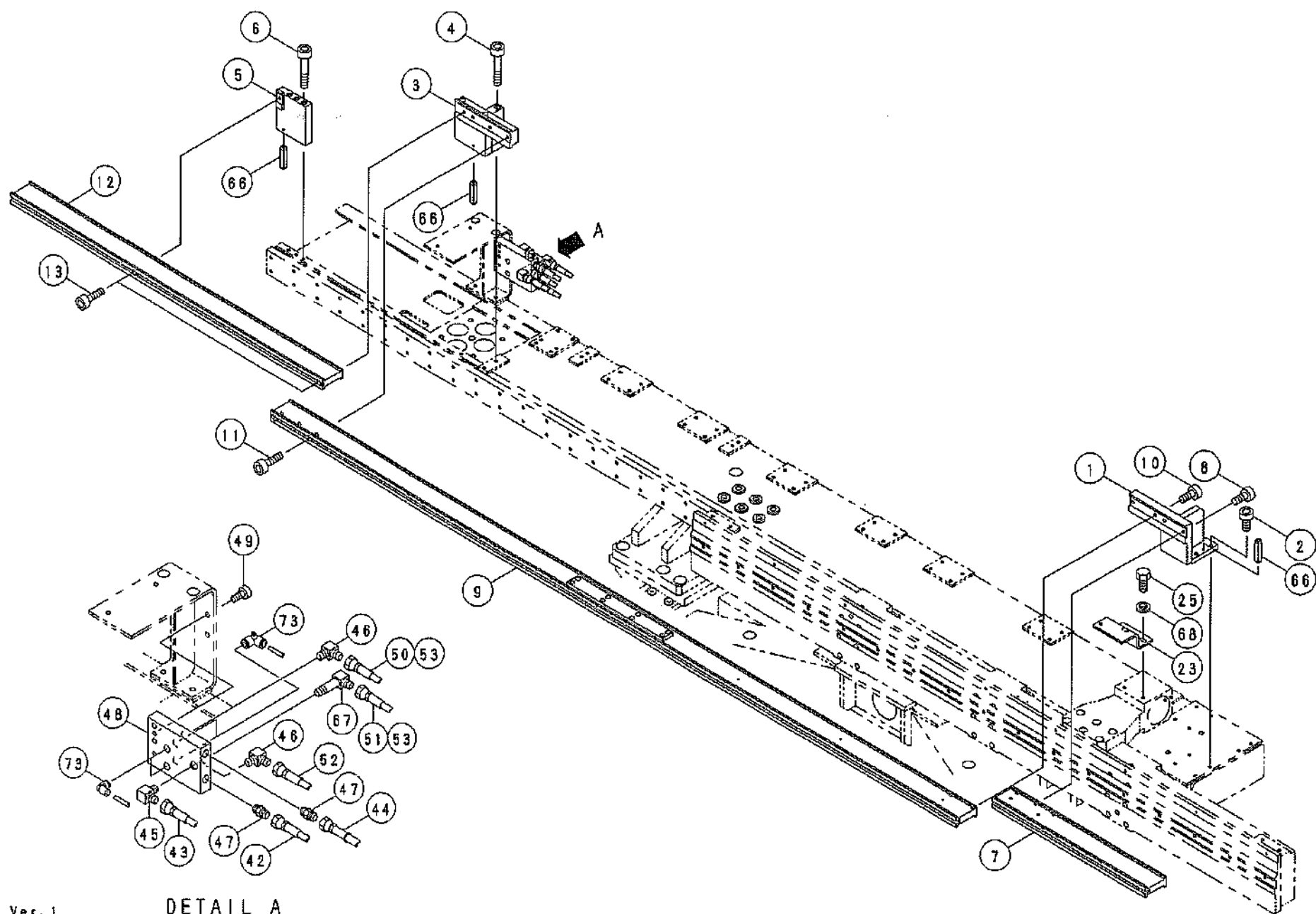
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
33	74379851	Hoser(AA)	6579108		2		
34	74379846	Cable CL-1	6573459		1		
35	74318922	Elbow	P580053010	LC2-1/4X1/8 (Ban)	4		
36	74163306	Button Head Screw	P334500008	M5X8	8		
37	74722977	Hose Adapter	P589222002	1013-04 (YA)	7		
40	74379840	Bracket Cap Flex(2)	6531813 A		1		
41	44446227	Hex Soc Cap Screw	P330220014	M6X40	2		
54	74379853	Instant Fitting	P586564015	EUL6 (Nitta)	2		
55	10328333	Hex Soc Cap Screw	P330200009	M3X20	2		
56	74718720	Plastic Hose	P230222025	U2-4-6X4-3.5M (Nitta)	1		
57	74379841	Fixed Hose Guide	6533249 A		1		
58	36329937	Hex Soc Cap Screw	P330230001	M8X10	6		
59	74722818	Cable Band	P381058019	CV-250 (Sibakei)	2		
60	74722439	Fixed Hose Bracket	6573013 A		2		
61	73157630	Hex Soc Cap Screw	P330230004	M8X15	4		
62	74379847	Runner Flex(C/P)	6573464		1		
63	74306424	Button Head Screw	P334500013	M6X10	4		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379861	Clamp Bar Bracket F	6573465 A		1		
2	74300606	Hex Soc Cap Screw	P330230006	M8X20	3		
3	74379862	Clamp Bar Bracket R1	6573466 B		1		
4	36115341	Hex Soc Cap Screw	P330230027	M8X130	3		
5	74379864	Clamp Bar Bracket R2	6573478 A		1		
6	36115341	Hex Soc Cap Screw	P330230027	M8X130	3		
7	74379865	Clamp Bar F	6573479		1		
8	74302818	Hex Soc Cap Screw	P330230008	M8X30	2		
9	74379856	Clamp Bar C	6573452 C		1		
10	74302818	Hex Soc Cap Screw	P330230008	M8X30	2		
11	10443126	Hex Soc Cap Screw	P330230015	M6X65	3		
12	74379857	Clamp Bar R	6573453 A		1		
13	10443126	Hex Soc Cap Screw	P330230015	M6X65	2		
23	74379863	Hose Guide	6573477 A		1		
25	10334618	Bolt	P330030004	M8X15	2		
42	74379858	Hoser(B)	6573460		1		
43	74379859	Hoser(C)	6573461		1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
44	74379860	Hoser(D)	6573462		1		
45	74722981	Hose Adapter	P589222009	1033-04 (YA)	1		
46	74722977	Hose Adapter	P589222002	1013-04 (YA)	2		
47	74379869	Hose Adapter	P589222012	1033-06-04 (YA)	2		
48	74722127	Hoser Connector	6531817 B		1		
49	74300606	Hex Soc Cap Screw	P330230006	M8X20	2		
50	74379868	Hoser(F)	6573496		1		
51	74379867	Hoser(F)	6573493 A		1		
52	74379866	Hoser(G)	6573492 A		1		
53	74722818	Cable Band	P381058019	CV-250 (Sibakei)	10		
66	10343757	Spring Pin	P337030059	6X20	3		
67	74379870	Hose Adapter	P589222126	9033-06-04(3/8X1/4) (YA)	1		
68	74379854	Washer		8	2		
73	74379855	Elbow		EL6-PT1/4	4		

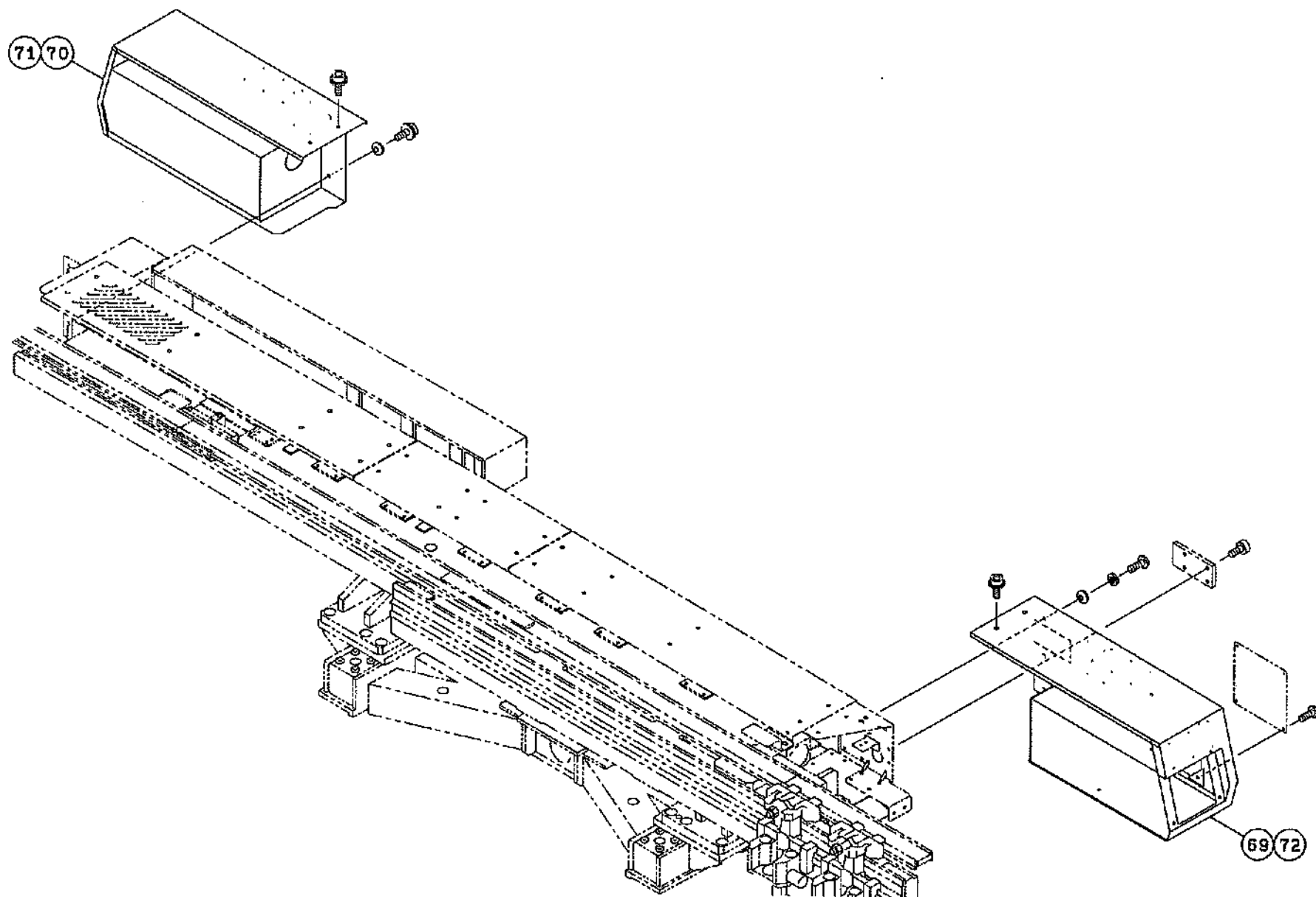
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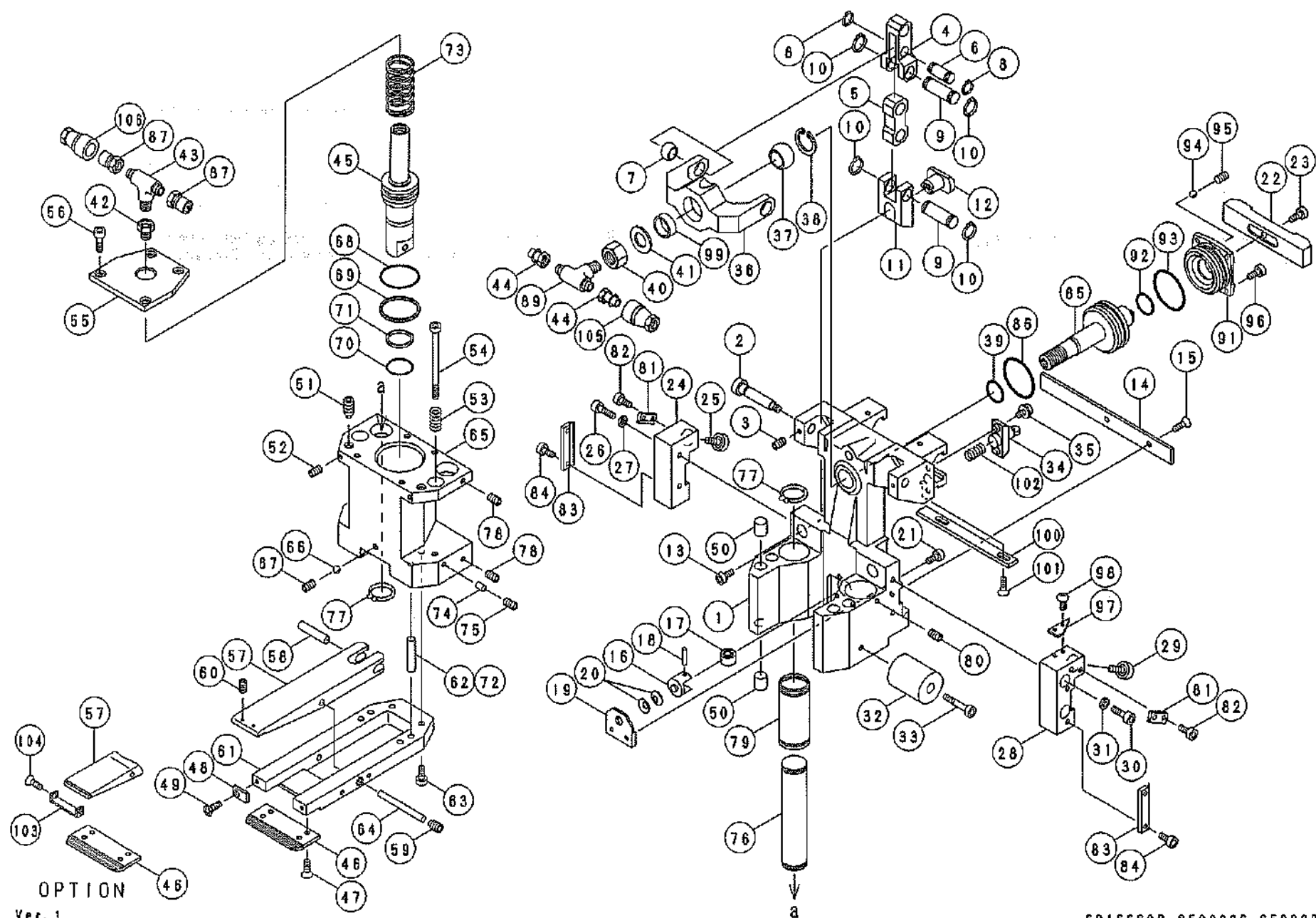


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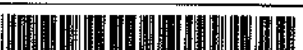
From serial No. 35820055 and after

Clamp Positioner (2)



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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74317805	Clamp Housing	6016662 B		1		
2	74317809	Shoulder Bolt	6016663		2		
3	74161717	Socket Set Screw	P330580013	M5X8(cone-end)	2		
4	74317813	Arm A	6016664		2		
5	74317814	Arm B	6016665		2		
6	74317902	Pin(B)	6016666		2		
7	74318210	Spherical Bearing	P409143006	GE8E (IKO)	2		
8	74314615	Locating Snap Ring	P406108031	STW-8 (Ochiai)	4		
9	74317901	Pin(A)	6016667		4		
10	74314616	Locating Snap Ring	P406108033	STW-10 (Ochiai)	8		
11	74317907	Lock Plate	6016668 A		2		
12	74317911	Pressure Nut	6016669 A		2		
13	74535116	Hex Soc Cap Screw	P330233008	M8X30 (Unbrako)	2		
14	74317915	Plate	6016670		1		
15	74379875	Flat Head Bolt	P334520004	M6X16	3		
16	74317823	Retainer	6016671 A		1		
17	74379877	Roller Follower	P409110503	NART5UUR (THK)	1		

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Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74718705	Steel Rollar	P406017001	5X19.8 (NSK)	1		
19	74317827	Retainer Plate	6016672		1		
20	74318241	Coned Disk Spring	P336155013	MDS7-3 (Heiwa)	2		
21	74319102	Hex Soc Cap Screw	P330223011	M6X30 (Unbrako)	2		
22	74317919	Holder	6016673 B		1		
23	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	1		
24	74317925	Bracket Side L	6016674 C		1		
25	74379876	Cam Follower	P409100501	CF6UU (THK)	1		
26	74304941	Hex Soc Cap Screw	P330223010	M6X25 (Unbrako)	2		
27	74302328	Washer	P336000005	6(Regular Round)	2		
28	74317926	Bracket Side R	6016675 C		1		
29	74379876	Cam Follower	P409100501	CF6UU (THK)	1		
30	74304941	Hex Soc Cap Screw	P330223010	M6X25 (Unbrako)	2		
31	74302328	Washer	P336000005	6(Regular Round)	2		
32	74317930	Stopper	6016676 A		2		
33		Hex Soc Cap Screw					
	74535226	(STD&Copper Chip A)	P330213008	M5X30 (Unbrako)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
33	74314406	(Copper Chip B)	P330210011	M5X30	2		
34	74318001	Limit Switch Head	7950051		2		
35	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
36	74318005	Arm Lock	6013541 A		1		
37	74318209	Spherical Bearing	P409143005	GE17ES (IKO)	1		
38	74318215	Snap Ring	P406104001	BR30 (NTN)	1		
39	71361145	O Ring	P590000018	P20	1		
40	74716011	Nut	P332000045	M16X1.5(Type-1)	1		
41	74314206	Washer	P336000010	16(Regular Round)	1		
42	74318226	Socket For Piping	P580007006	SK-102 (Koyo)	1		
43	74318230	Tee	P580107006	SK-20 (Koyo)	1		
44	74718724	Quick Connect Joint	P589026003	1P-SUS (Nitto Koki)	2		
45	74317834	Piston	6013561		1		
46		Clamp Plate					
	74335711	(STD&Copper Chip A)	0816025 C		1		
	74315922	(Copper Chip B)	0819138 A		1		
47	74161382	Flat Head Bolt	P334533005	M5X12LOC-WEL (Unbrako)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
48	74304620 (74161353)	Push Holder	0816026 C		2		
49	74319106	Flat Head Bolt	P334533009	M4X12LOC-WEL (Unbrako)	2		
50	74335627	Cushion	0806009		4		
51		Socket Set Screw					
	74319130	(STD&Copper Chip A)	P330570061	M10X17(dog-end)	2		
	74305509	(Copper Chip B)	P330570059	M10X14(dog-end)	2		
52	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
53	74315814	Hook Spring	5594212		2		
54	74300564	Hex Soc Cap Screw	P330223029	M6X90 (Unbrako)	2		
55	74315817	Cylinder Cover	0826179		1		
56	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	4		
57		Clamper					
	74717045	(STD)	0826194 A		1		
	74318101	(Copper Chip A&B)	6510744 A		1		
58	74716156	Parallel Pin	P337020228	A-8X36	1		
59	74319128	Socket Set Screw	P330580066	M10X10(cone-end)	1		
60	74306410 (10335405)	Socket Set Screw	P330590011	M5X6(cup-end)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
61	74315823	Clamp Base	0826193 A		1		
62	74716146	Dowel Pin	P337050006	10X32(Inner Screw)M6	2		
63	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
64	74379545	Straight Pin		D8X63	1		
65	74315805	Cylinder	0826191 A		1		
66	74316027	Steel Ball	P406000002	3/16	1		
67	74716307	Socket Set Screw	P330603015	M6X10LOC-WEL (Unbrako)	1		
68	74314825	O Ring	P590000033	P32	1		
69	74717104	Back Up Ring	P590042042	T2-P32 (NOK)	1		
70	74316012	O Ring	P590000020	P22	1		
71	74717102	Back Up Ring	P590042006	T2-P22 (NOK)	1		
72	74716146	Dowel Pin	P337050006	10X32(Inner Screw)M6	2		
73	74315813	Return Spring	0826047 A		1		
74	74335701	Insert	0806073		2		
75	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
76	74335830	Stroke Shaft	0826187		2		
77	74305214	Locating Snap Ring	P406108043	STW-20 (Ochiai)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
78	74306405	Socket Set Screw	P330590017	M6X6(cup--end)	4		
79	74335622	Stroke Bearing	6010232		2		
80	74377002	Socket Set Screw	P330580005	M4X4(cone--end)	2		
81	74318009	Scraper 1	6013538 A		2		
82	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
83	74318010	Scraper 2	6013539		2		
84	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
85	74318015	Piston	6013540 A		1		
86	71361138	O Ring	P590000043	P44	1		
87	74718723	Quick Connect Joint	P589026038	1P-SS41 (Nitto Koki)	2		
89	74379878	Tee	P580107006	SK20 (Koyo)	1		
91	74318019	Cap Cylinder	6013550 A		1		
92	71361145	O Ring	P590000018	P20	1		
93	74379879	O Ring	P590010005	G45	1		
94	74316027	Steel Ball	P406000002	3/16	1		
95	74716311 (10326708)	Socket Set Screw	P330570062	M6X8(dog--end)	1		
96	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
97	74317819	Pointer	6013551		1		
98	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	2		
99	74318023	Collar	6013552 A		1		
100	74318027	Detecting Bar	6013554		1		
101	74535308	Flat Head Bolt	P334520005	M5X12	2		
102	74318032	LS Spring	6014442		2		
103	74335704	Nail	0826088		1		Option
104	74716056	Button Head Screw	P334500002	M3X10	2		Option
105	74718726	Quick Connect Joint	P589026005	1S-SUS (Nitto Koki)	2		
106	74718725	Quick Connect Joint	P589026039	1S-SS41 (Nitto Koki)	2		

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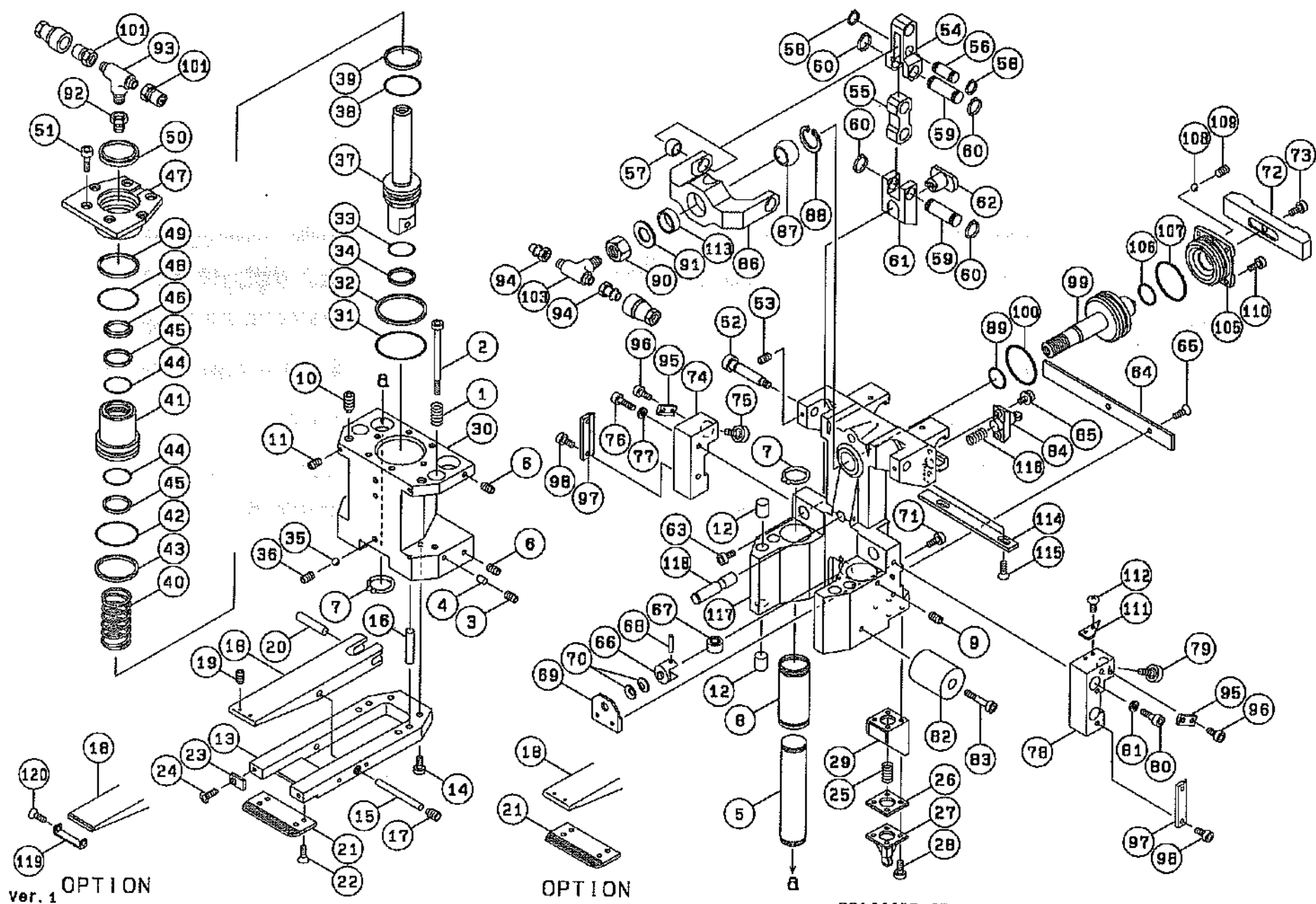
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UNIT NO. 94

From serial No. 35820055 and after

Clamp Positioner(3)



ver. 1 OPTION

OPTION

94-1

6014440B, 6502228, 6502229, 6014450, 6502230, 6502231

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74315814	Hook Spring	5594212		2		
2	74300564	Hex Soc Cap Screw	P330223029	M6X90 (Unbrako)	2		
3	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
4	74335701	Insert	0806073		2		
5	74335830	Stroke Shaft	0826187		2		
6	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	4		
7	74305214	Locating Snap Ring	P406108043	STW-20 (Ochiai)	4		
8	74335622	Stroke Bearing	6010232		2		
9	74377002	Socket Set Screw	P330580005	M4X4(cone-end)	2		
10	74305509	Socket Set Screw	P330570059	M10X14(dog-end)	2		
11	74306405	Socket Set Screw	P330590017	M6X6(cup-end)	2		
12	74335627	Cushion	0806009		4		
13	74315823	Clamp Base	0826193 A		1		
14	74302844	Hex Soc Cap Screw	P330233005	M8X20 (Unbrako)	4		
15	74379545	Straight Pin		D8X63	1		
16	74716146	Dowel Pin	P337050006	10X32(Inner Screw)M6	2		
17	74319128	Socket Set Screw	P330580066	M10X10(cone-end)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18		Clamper					
	74717045	(Loading Clamp STD)	0826194 A		1		
	74318101	(Loading Clamp Chip A&B)	6510744 A		1		
	74379883	(L-10MM STD)	6014445 A		1		
	74318103	(L-10MM Chip A&B)	6014446		1		
19	74306410 (10335405)	Socket Set Screw	P330590011	M5X6(cup-end)	2		STD
20	74716156	Parallel Pin	P337020228	A-8X36	1		
21		Clamp Plate					
	74335711	(L&L-10MM STD&Chip A)	0816025 C		1		
	74315922	(L&L-10MM Chip B)	0819138 A		1		
22	74161382	Flat Head Bolt	P334533005	M5X12LOC-WEL (Unbrako)	4		
23	74304620 (74161353)	Push Holder	0816026 C		2		
24	74319106	Flat Head Bolt	P334533009	M4X12LOC-WEL (Unbrako)	2		
25	74335607	Spring	0826015 C		2		
26	74335721	Spacer	0826016 C		2		
27	74312507	Head	7932020		2		
28	74304936	Hex Soc Cap Screw	P330203017	M4X16LOC-WEL (Unbrako)	8		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
29	74335726	Head Cover	0826017 A		2		
30	74317803	Cylinder	0826253 A		1		
31	74317108	O Ring	P590002049	1A-P50 (NOK)	1		
32	74717107	Back Up Ring	P590042044	T2-P50 (NOK)	1		
33	74379885	O Ring	P590002026	1A-P26 (NOK)	1		
34	74717103	Back Up Ring	P590042008	T2-P26 (NOK)	1		
35	74316027	Steel Ball	P406000002	3/16	2		
36	74379881	Socket Set Screw		M6X6(flat-end)LOC-WEL (Techno)	2		
37	74317833	Piston	0826254 B		1		
38	74314825	O Ring	P590002033	1A-P32 (NOK)	1		
39	74717104	Back Up Ring	P590042042	T2-P32 (NOK)	1		
40	74379882	Return Spring	0826255 B		1		
41	74317832	Piston(B)	0826256 A		1		
42	74316014	O Ring	P590002038	1A-P38 (NOK)	1		
43	74717106	Back Up Ring	P590042043	T2-P38 (NOK)	1		
44	74379884	O Ring	P590002018	1A-P20 (NOK)	2		
45	74717101	Back Up Ring	P590042041	T2-P20 (NOK)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
46	74318236	Wiper Ring	P590303024	SDR-20 (Sakagami)	1		
47	74318020	Cylinder Cover	0826257 A		1		
48	74316013	O Ring	P590002037	1A-P36 (NOK)	1		
49	74717105	Back Up Ring	P590042045	T2-P36 (NOK)	1		
50	74318237	Wiper Ring	P590303025	SDR-36 (Sakagami)	1		
51	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	6		
52	74317809	Shoulder Bolt	6016663		2		
53	74379880	Socket Set Screw		M5X8	2		
54	74317813	Arm A	6016664		2		
55	74317814	Arm B	6016665		2		
56	74317902	Pin(B)	6016666		2		
57	74318210	Spherical Bearing	P409143006	GE8E (IKO)	2		
58	74314615	Locating Snap Ring	P406108031	STW-8 (Ochiai)	4		
59	74317901	Pin(A)	6016667		4		
60	74314616	Locating Snap Ring	P406108033	STW-10 (Ochiai)	8		
61	74317907	Lock Plate	6016668 A		2		
62	74317911	Pressure Nut	6016669 A		2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
63	74535116	Hex Soc Cap Screw	P330233008	M8X30 (Unbrako)	2		
64	74317915	Plate	6016670		1		
65	74379875	Flat Head Bolt	P334520004	M6X16	3		
66	74317823	Retainer	6016671 A		1		
67	74379877	Roller Follower	P409110503	NART5UUR (THK)	1		
68	74718705	Steel Roliar	P406017001	5X19.8 (NSK)	1		
69	74317827	Retainer Plate	6016672		1		
70	74318241	Coned Disk Spring	P336155013	MDS7-3 (Heiwa)	2		
71	74319102	Hex Soc Cap Screw	P330223011	M6X30 (Unbrako)	2		
72	74317919	Holder	6016673 B		1		
73	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	1		
74	74317925	Bracket Side L	6016674 C		1		
75	74379876	Cam Follower	P409100501	CF6UU (THK)	1		
76	74304941	Hex Soc Cap Screw	P330223010	M6X25 (Unbrako)	2		
77	74302328	Washer	P336000005	6(Regular Round)	2		
78	74317926	Bracket Side R	6016675 C		1		
79	74379876	Cam Follower	P409100501	CF6UU (THK)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
80	74304941	Hex Soc Cap Screw	P330223010	M6X25 (Unbrako)	2		
81	74302328	Washer	P336000005	6(Regular Round)	2		
82	74317930	Stopper	6016676 A		2		
83	74535226	Hex Soc Cap Screw	P330213008	M5X30 (Unbrako)	2		
84	74318001	Limit Switch Head	7950051		2		
85	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
86	74318005	Arm Lock	6013541 A		1		
87	74318209	Spherical Bearing	P409143005	GE17ES (IKO)	1		
88	74318215	Snap Ring	P406104001	BR30 (NTN)	1		
89	71361145	O Ring	P590000018	P20	1		
90	74716011	Nut	P332000045	M16X1.5(Type-1)	1		
91	74314206	Washer	P336000010	16(Regular Round)	1		
92	74318226	Socket For Piping	P580007006	SK-102 (Koyo)	1		
93	74318230	Tee	P580107006	SK-20 (Koyo)	1		
94	74718724	Quick Connect Joint	P589026003	1P-SUS (Nitto Koki)	2		
95	74318009	Scraper 1	6013538 A		2		
96	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
97	74318010	Scraper 2	6013539		2		
98	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	4		
99	74318015	Piston	6013540 A		1		
100	71361138	O Ring	P590000043	P44	1		
101	74718723	Quick Connect Joint	P589026038	1P-SS41 (Nitto Koki)	2		
103	74379878	Tee	P580107006	SK20 (Koyo)	1		
105	74318019	Cap Cylinder	6013550 A		1		
106	71361145	O Ring	P590000018	P20	1		
107	74379879	O Ring	P590010005	G45	1		
108	74316027	Steel Ball	P406000002	3/16	1		
109	74716311 (10326708)	Socket Set Screw	P330570062	M6X8(dog--end)	1		
110	74377059	Hex Soc Cap Screw	P330223008	M6X20 (Unbrako)	4		
111	74317819	Pointer	6013551		1		
112	74300710 (58250511)	Pan Head Screw	P334100038	M5X8	2		
113	74318023	Collar	6013552 A		1		
114	74318027	Detecting Bar	6013554		1		
115	74535308	Flat Head Bolt	P334520005	M5X12	2		

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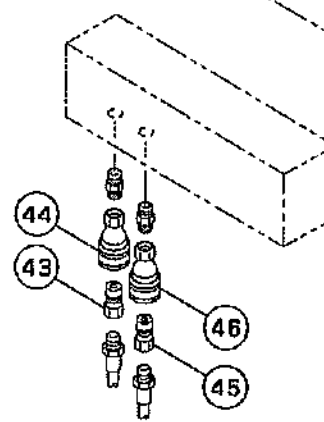
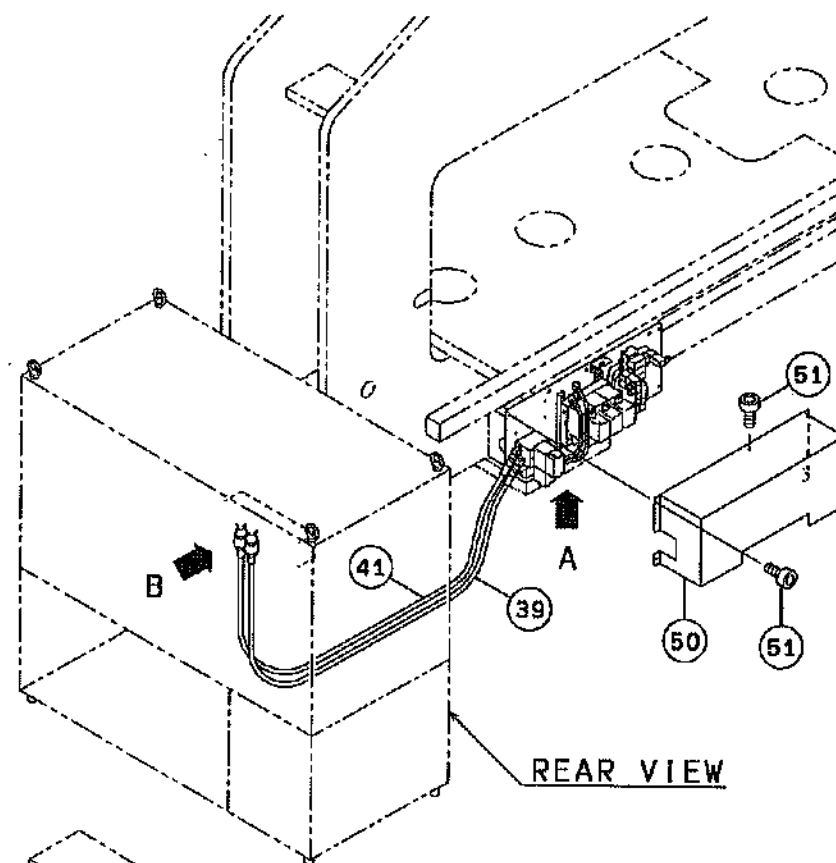
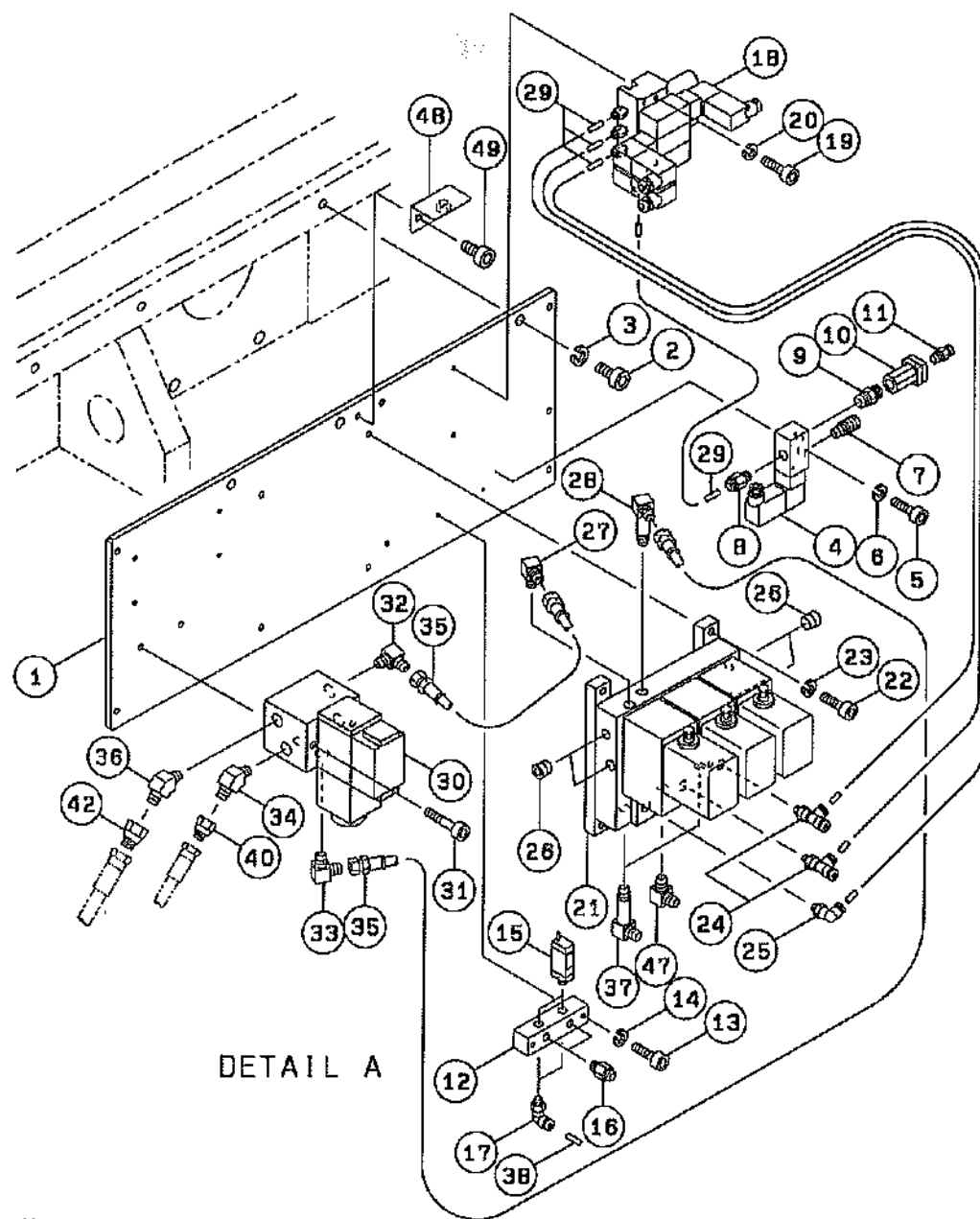
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UNIT NO. 95 From serial No. 35820055 and after
 Clamp Positioner(4)



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379887	C/P Unit Bracket	6534391 A		1		
2	74302819 (74159710)	Hex Soc Cap Screw	P330250005	M12X30	3		
3	74301615	Spring Washer	P336050008	12	3		
4	74379899	Air Directional V	P556002113	VP342-1DZ-02B (SMC)	1		
5	74377049	Hex Soc Cap Screw	P330200056	M3X35	2		
6	74307612	Spring Washer	P336050002	3	2		
7	31163933	Silencer	P557032008	AN203-02 (SMC)	1		
8	74338605	Instant Fitting	P586534003	EC6-PT1/4 (Nitta)	1		
9	74304801	Nipple	P580020002	1/4	1		
10	74722862	Air Check V	P553032001	AK2000-02 (SMC)	1		
11	74722943	Instant Fitting	P586534007	EC10-PT1/4 (Nitta)	1		
12	74379886	Pressure Switch Bracket	3201081 A		1		
13	74304905	Hex Soc Cap Screw	P330220013	M6X35	2		
14	74300517	Spring Washer	P336050005	6	2		
15	74379898	Pressure Switch	P549003001	IS1000-01 (SMC)	2		
16	74351914	Instant Fitting	P586534002	EC6-PT1/8 (Nitta)	2		
17	74310045	Instant Fitting	P586564001	EL6-PT1/8 (Nitta)	2		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379892	Solenoid Valve	7832261		1		
19	74304906 (10310362)	Hex Soc Cap Screw	P330220015	M6X45	2		
20	74300517	Spring Washer	P336050005	6	2		
21	74379890	Pascal Valve	7832011 A		1		
22	74300607	Hex Soc Cap Screw	P330230007	M8X25	4		
23	74300518	Spring Washer	P336050006	8	4		
24	74718727	Instant Fitting	P586604002	EST6-PT1/4 (Nitta)	2		
25	74310044	Instant Fitting	P586564002	EL6-PT1/4 (Nitta)	1		
26	74706210	Plug For Piping	P580208002	GM-1/4 (Gosho)	4		
27	74722981	Hose Adapter	P589222009	1033-04 (YA)	1		
28	74379906	Hose Adapter	P589222058	9033-04 (YA)	1		
29	74379897	Plastic Hose	P230222059	U2-4-6X4-0.3M (Nitta)	6		
30	74379891	Manifold For Clamp Positioner	7832162 A		1		
31	74309806	Hex Soc Cap Screw	P330230016	M8X70	2		
32	74379905	Hose Adapter	P589222043	1033-04-06 (YA)	1		
33	74379905	Hose Adapter	P589222043	1033-04-06 (YA)	1		
34	74722992	Hose Adapter	P589222113	1035-04-06 (YA)	1		

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From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
35	74379893	Hose Set(Oil)	P220422027	OMB106-1004-0.6M (YA)	2		
36	74379904	Hose Adapter	P589222021	1035-06 (YA)	1		
37	74379870	Hose Adapter	P589222126	9033-06-04(3/8X1/4) (YA)	2		
38	74379896	Plastic Hose	P230222003	U2-4-6X4-6.5M (Nitta)	2		
39	74379895	Hose Set(Oil)	P220422055	WP706-01-04-1.6M (YA)	1		
40	74722989	Hose Adapter	P589222044	1013-04-06 (YA)	1		
41	74379894	Hose Set(Oil)	P220422054	WP709-01-04-1.6M (YA)	1		
42	74379907	Hose Adapter	P589222127	1013-06-08(3/8X1/2) (YA)	1		
43	74379903	Quick Connect Joint	P589026092	3P (Nitto Koki)	1		
44	74379902	Quick Connect Joint	P589026091	3S (Nitto Koki)	1		
45	74379901	Quick Connect Joint	P589026080	2P-BSBM (Nitto Koki)	1		
46	36177650	Quick Connect Joint	P589026081	2S-BSBM (Nitto Koki)	1		
47	74379869	Hose Adapter	P589222012	1033-06-04 (YA)	1		
48	74379888	Cover Bracket	6534392		1		
49	36329937	Hex Soc Cap Screw	P330230001	M8X10	2		
50	74379889	C/P Unit Cover	6576864		1		
51	36329937	Hex Soc Cap Screw	P330230001	M8X10	6		

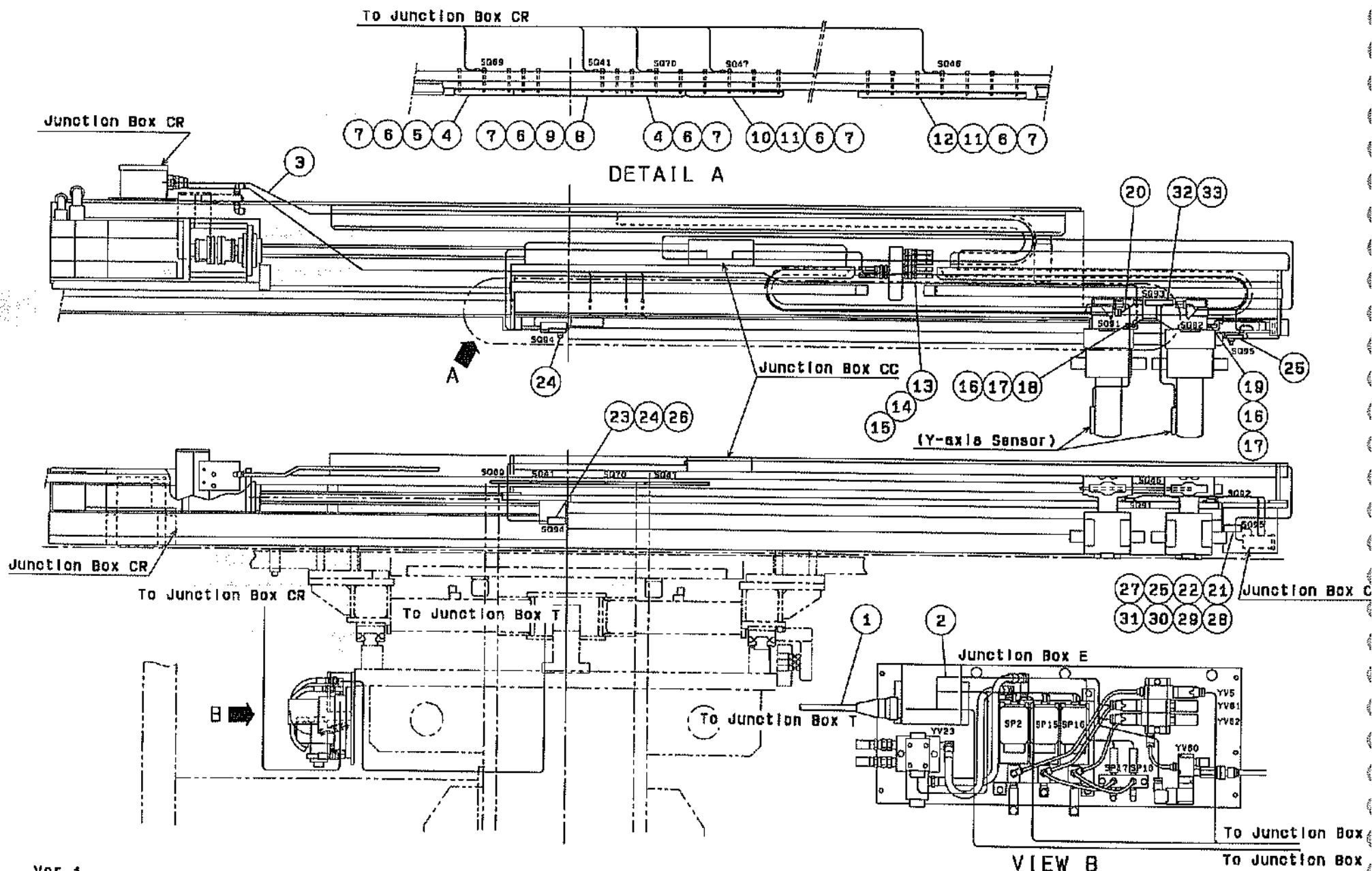
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UNIT NO. 96 From serial No. 35820055 and after
Clamp Positioner (5)



From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74379916	Cable E-1	6019166 A		1		
2	74379908	Cable E	601358708A		1		
3	74379920	Cable CC-1-CCM	6533266		1		
4	74379922	Detecting Plate	6573500 A		2		
5	74379924	Insulating Plate	6573502		1		
6	74318525	Over Ride Insulating Washer	6013521		21		
7	71150106	Hex Soc Cap Screw	P330200029	M4X65	21		
8	74379925	Override Detecting Plate	6573503 A		1		
9	74318520	Over Ride Insulating Plate	6013520		1		
10	74379923	Origin Detecting Plate	6573501		1		
11	74318519	Over Ride Insulating Plate	6013519		2		
12	74379914	Override Detecting Device	6017904		1		
13	74379921	Cable CL-2	6573486		1		
14	74722812	Saddle For Conduit	P381017001	CH-6 (Daiwa)	1		
15	74535103	Hex Soc Cap Screw	P330213002	M5X10 (Unbrako)	1		
16	74379917	Switch Setting Plate	6531846 A		2		
17	74307928	Hex Soc Cap Screw	P330233003	M8X15 (Unbrako)	4		

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From Serial No. 35820055 and after

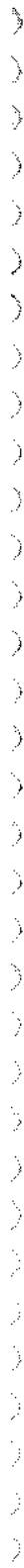
Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
18	74379911	Proximity Switch	6014372 A		1		
19	74379912	Proximity Switch	6014373 A		1		
20	74379913	Proximity Switch	6014374 A		1		
21	74379918	LS Bracket F	6531847		1		
22	74377047	Hex Soc Cap Screw	P330233001	M8X10 (Unbrako)	3		
23	74379919	LS Bracket R	6531848		1		
24	74379909	Proximity Switch for +XOT	6014370 A		1		
25	74379910	Proximity Switch for -XOT	6014371 A		1		
26	74377047	Hex Soc Cap Screw	P330233001	M8X10 (Unbrako)	3		
27	74319108	Pan Head Screw	P334100081	M4X22	4		
28	74300515	Spring Washer	P336050003	4	4		
29	74716205	Washer	P336000003	4(Small Round)	4		
30	74300501	Nut	P332000002	M4	4		
31	74319002	Bush For Cable	P229117011	UB-875 (Hakuto)	3		
32	74379915	Dog Proximity Switch	6019147 A		1		
33	74377057	Hex Soc Cap Screw	P330223005	M6X15 (Unbrako)	2		

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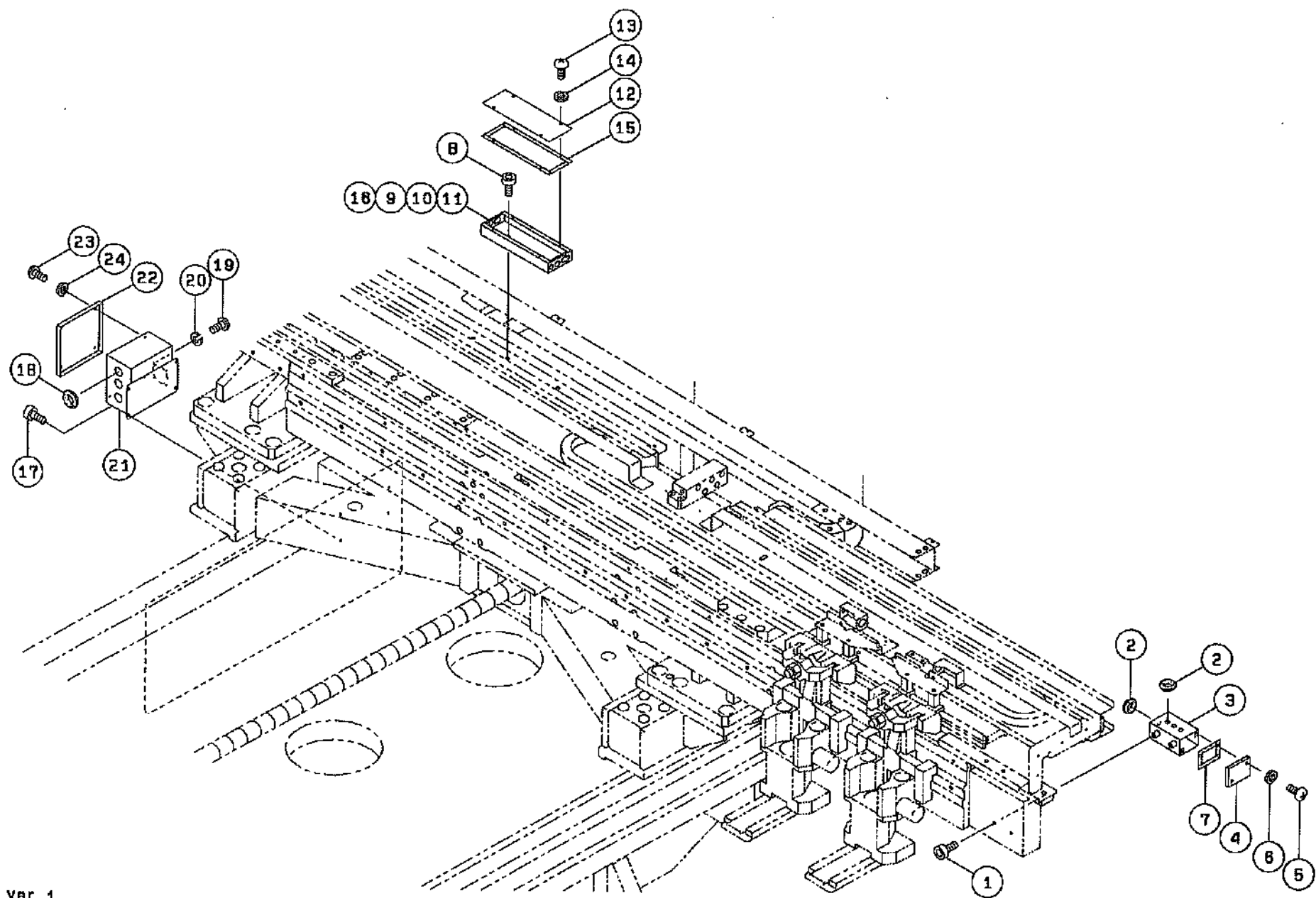




UNIT NO. 97

From serial No. 35820055 and after

Clamp Positioner (6)



Ver. 1

97-1

6013522B, 6013582A, 6013587E

From Serial No. 35820055 and after

Index	Parts Number	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts Number	Note
1	74716123	Hex Soc Cap Screw	P330490001	M6X15/6-F35	2		
2	74722812	Saddle For Conduit	P381017001	CH-6 (Daiwa)	10		
3	74300706	Pan Head Screw	P334100043	M5X16	10		
4	74318607	Junction Box Cc Body	6013673 A		1		
5	74318616	Junction Box Cc Cover	6013584		1		
6	74305017	Pan Head Screw	P334100039	M5X10	4		
7	74716206	Washer	P336000004	5(Small Round)	4		
8	74718715	Urethane Rubber	P230700012	T5X10X540	1		
9	74379926	Cable CCM	601352201E		1		
10	74300604	Hex Soc Cap Screw	P330220006	M6X15	2		
11	74319001	Bush For Cable	P229115001	KR-51 (Kitagawa)	4		
12	74379927	Junction Box CT Body	6013585 A		1		
13	74318617	Junction Box Ct Cover	6013586		1		
14	74305017	Pan Head Screw	P334100039	M5X10	2		
15	74716206	Washer	P336000004	5(Small Round)	2		
16	74308462	Urethane Rubber	P230700011	T5X10X230	1		
17	74716123	Hex Soc Cap Screw	P330490001	M6X15/6-F35	4		

Ver. 1



97-2



Ver. 1