

DEC. 1990

**HYDRAULIC PRESS BRAKE
TYPE ZII
RG-35S(RG-35S AUTO B/G)**

PARTS LIST

GENERAL INFORMATION

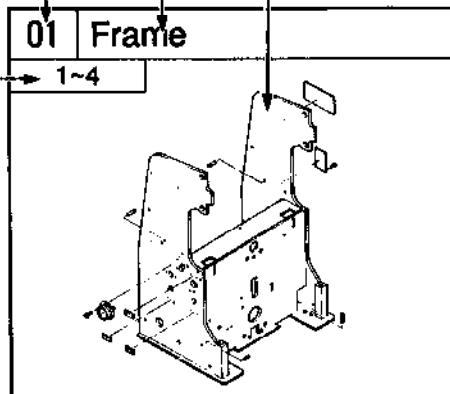
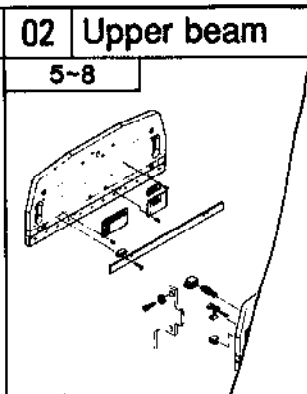
- * This parts list shows all of the parts used in your RG-35S or RG-35S AUTO B/G machine. Please file this parts list for reference and refer to it when you order parts or maintain the machine.
- * This edition has been divided into sections. Each section corresponds to one of the 30 different units making up the machine.

Unit No.	01	Frame	14	Distributor
	02	Upper beam	15	Pump unit
	03	Lower beam	16	Hydraulic piping
	04	Support plate	17	Hydraulic valve
	05	Upper post	18	Electric (1)
	06	Upper limit setting device (1)	19	Electric (2)
	07	Upper limit setting device (2)	20	Electric (3)
	08	Lower limit setting device	21	Cover
	09	Guide roller	22	Backgauge (1)
	10	Pedal	23	Backgauge (2)
	11	Tool holder	24	Backgauge (3)
	12	Speed change setting device	25	Backgauge (4)
	13	Main cylinder	26	Backgauge (5)
			27	Backgauge (6)
			28	Standard accessories
			29	Work stopper (1)
			30	Work stopper (2)

- * 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.

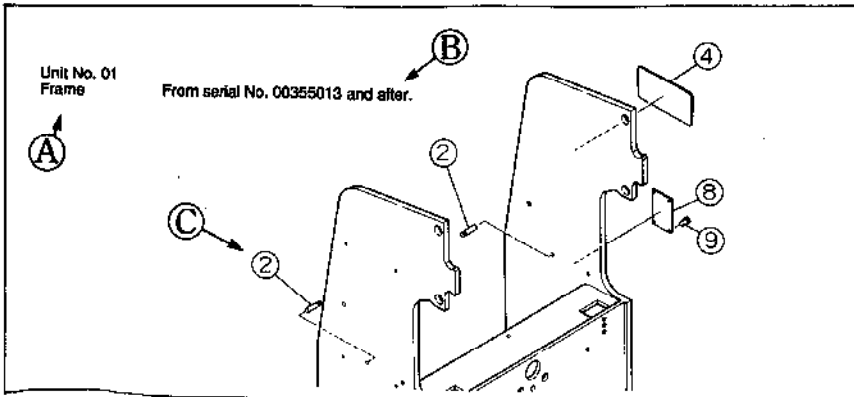
INTRODUCTION

1. TABLE OF CONTENTS

I	II	IV	
01	Frame	02	Upper beam
III	1~4	5~8	
			

- I Unit No.
- II Unit Name
- III Corresponding Page Nos.
- IV Assembly drawings shown in the main text.

2. Main Text



Unit No. 01
Frame

From serial No. 00355013 and after.

Index No.	Part No.	Part Name	Drawing No.	Type (Maker)	Qty	Part No.	Note
1		Frame					
3	36120196	(Japan)	4120835E		1		
	36120192	(EXP)	4124011D		1		
2	36120805	Grooved pin		B-910 x 70	4		
3	36120807	Grooved pin		D-910 x 40	6		
4		Bending chart					
	36120514	(Japan)	6034407A		1		
	36120515	(EXP - min)	4055636D		1		
	36120516	(EXP - inch)	4055659D		1		
6	36120517						

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 Part No.

The individual Code No. for each part on the RG-35S or RG-35S AUTO B/G machine is shown. Nos. in parentheses represent parts interchangeable with other machines.

E Parts Name

The name (description) of each part.

F Drawing

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.

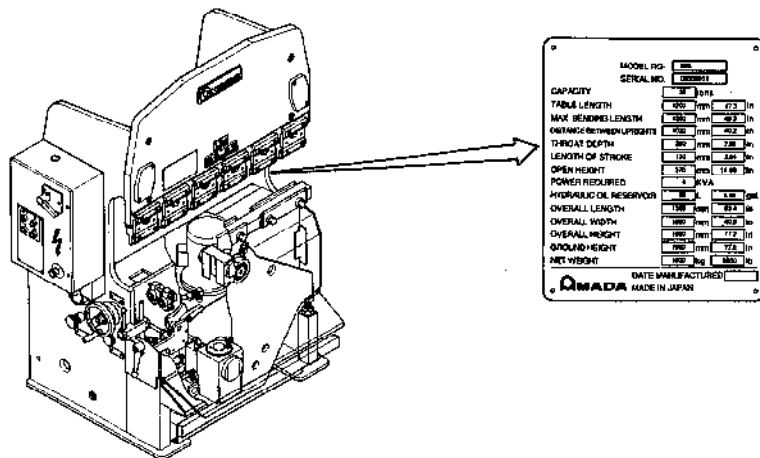
Numbers not in parentheses in Column D are used for the bar code. Use of a bar code scanner assists in more accurate and faster reading of relevant parts numbers.

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 1-4	02 Upper beam 5-8	03 Lower beam 9-12	04 Support 13-14

This unit is shown on Pages 9-12.

3. Spread out the referred pages.
4. Use the drawings and corresponding lists to confirm the specs, etc. of the part in question.
5. When ordering, please supply the following information:

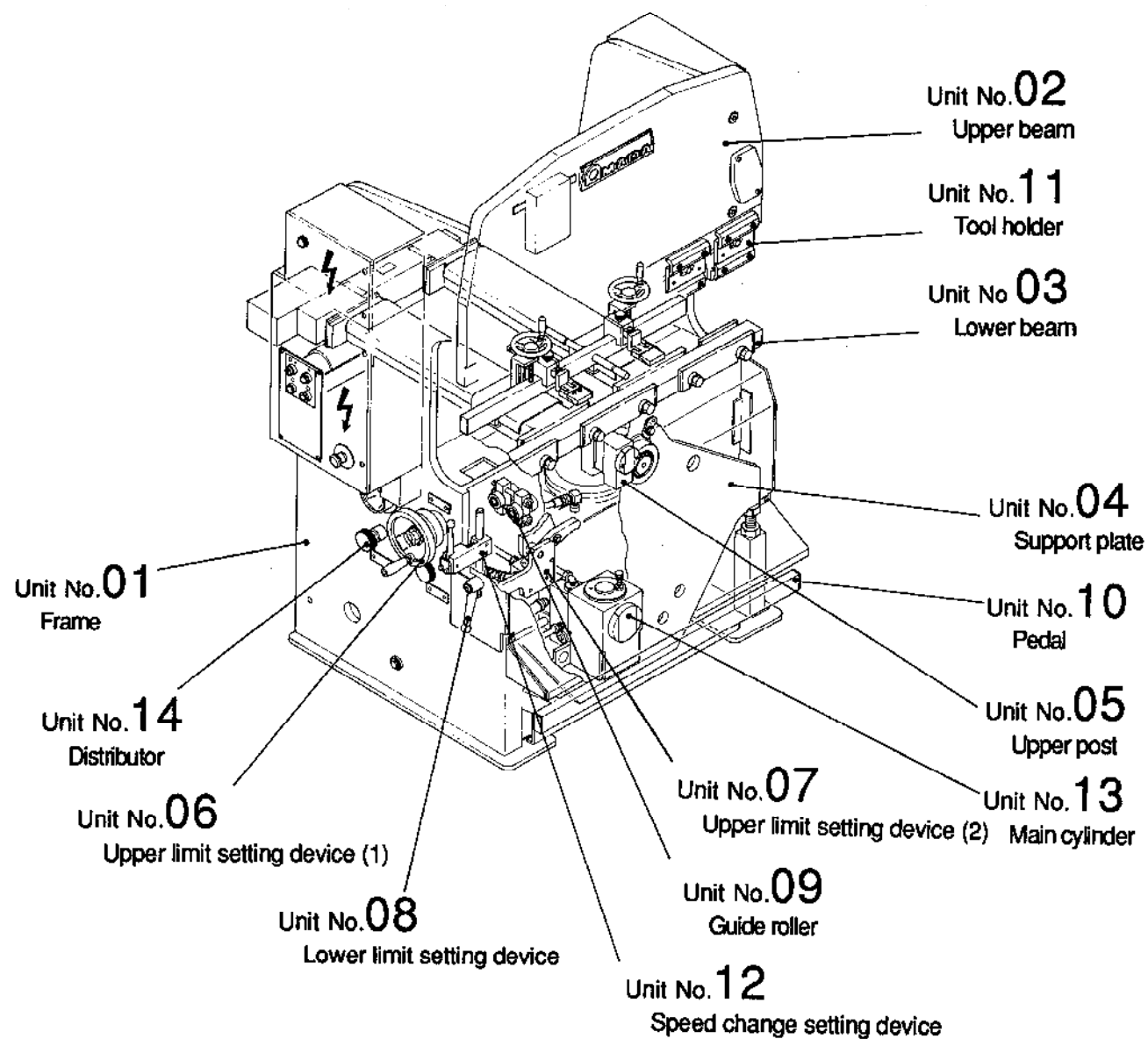
- (1) Machine Model
- (2) Serial No.
- (3) Parts No.

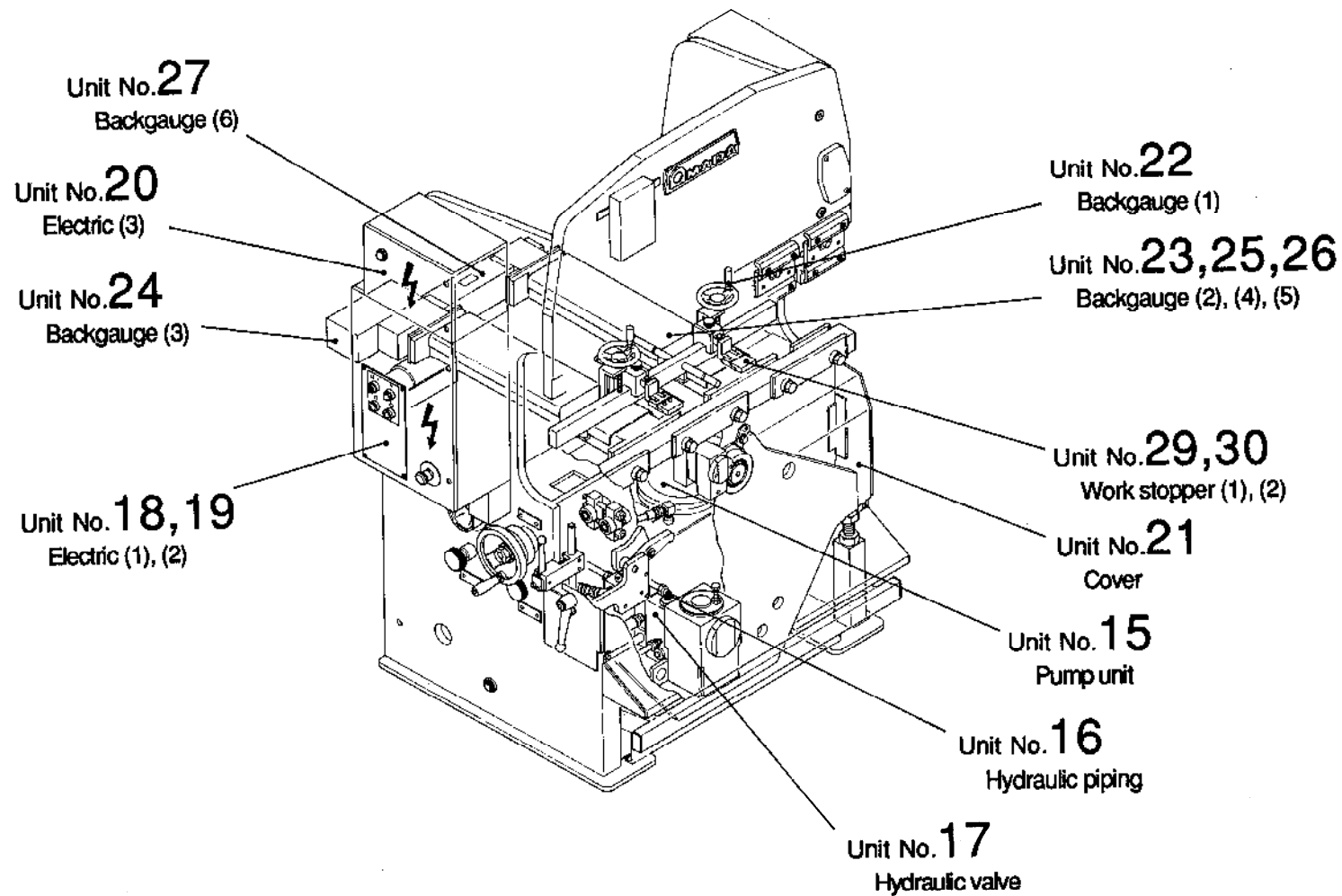
* These are the numbers shown outside the parentheses in Column D.

- (4) Quantity

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

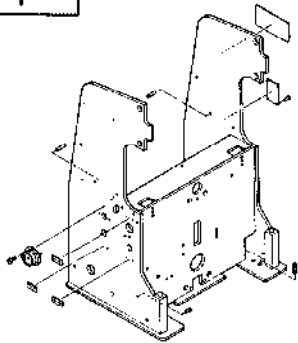
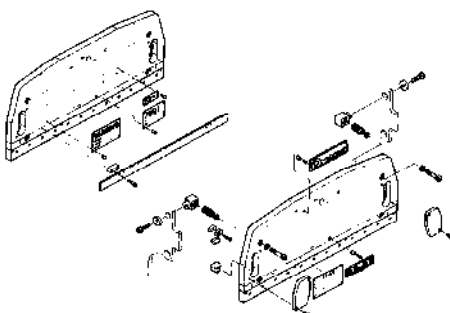
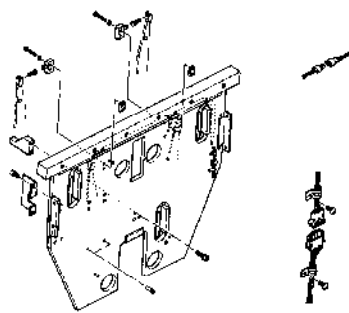
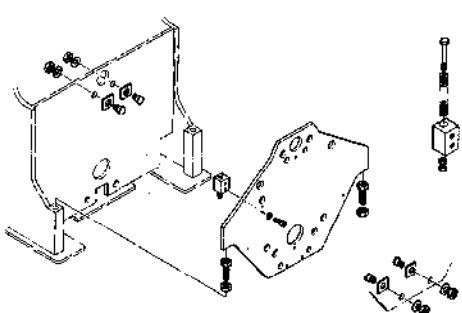
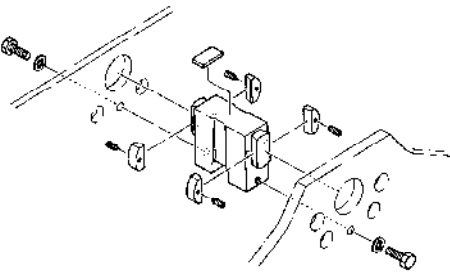
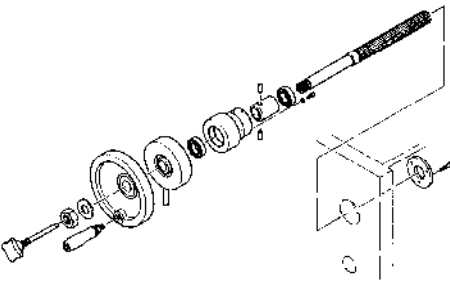
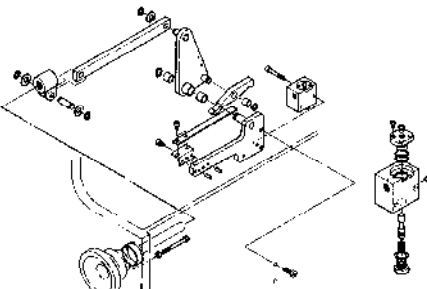
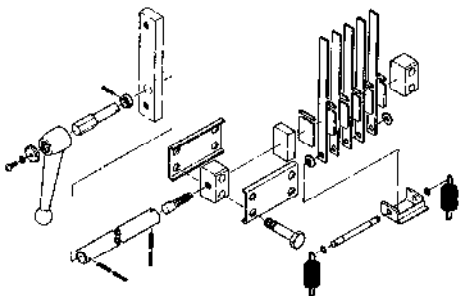
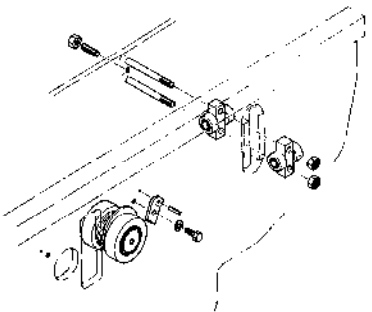
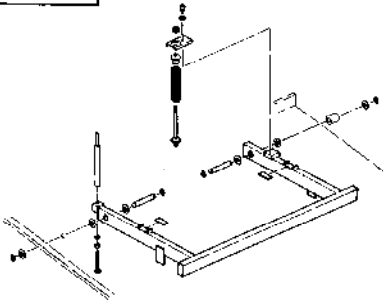
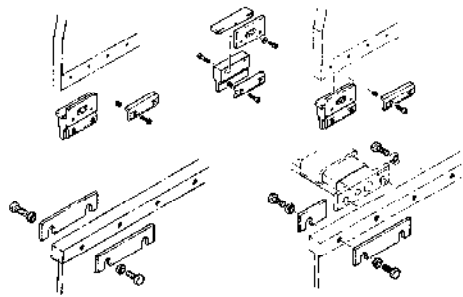
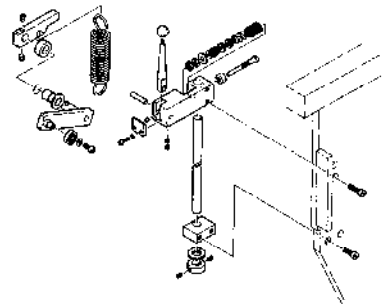
MACHINE COMPONENT



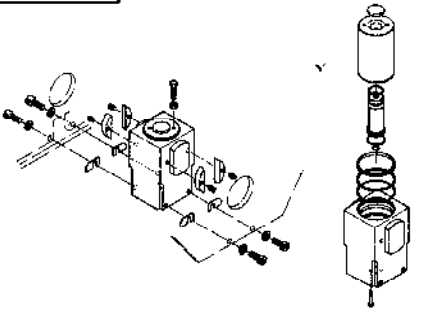
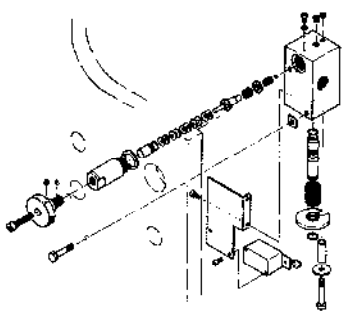
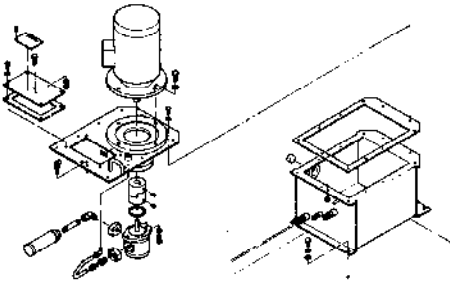
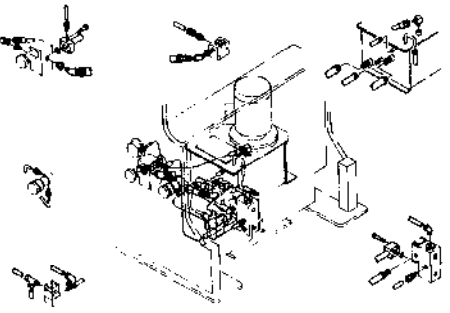
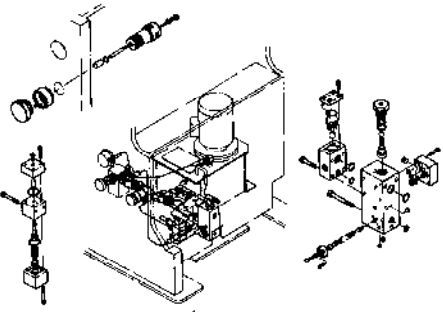
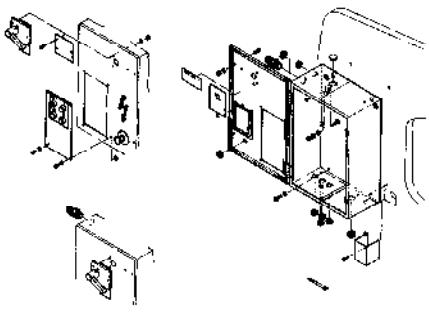
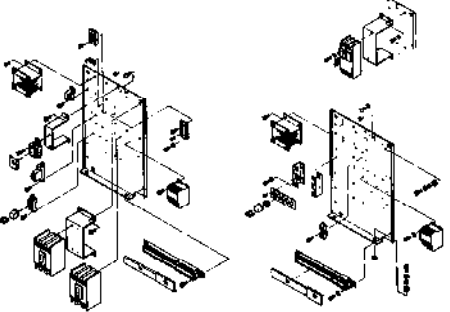
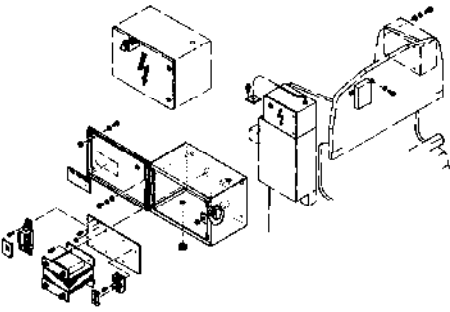
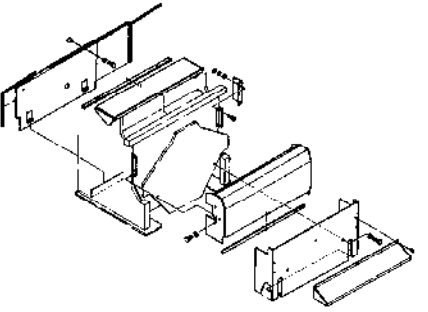
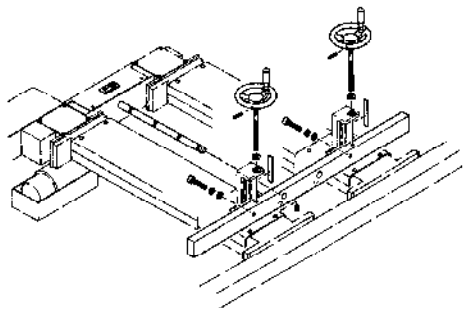
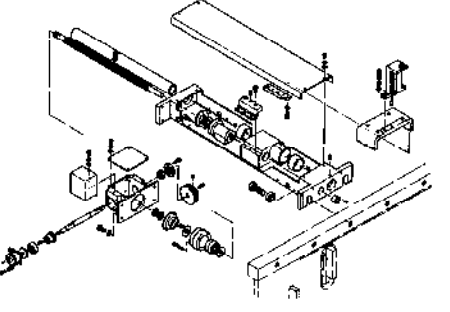
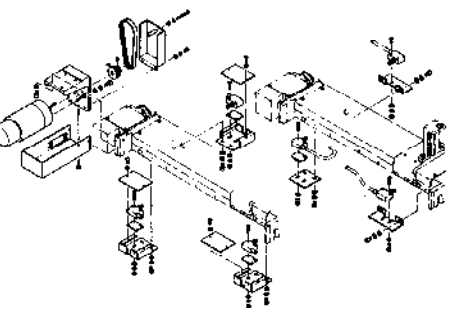


Unit No. 28
Standard accessories

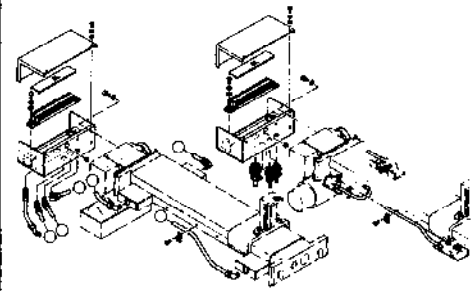
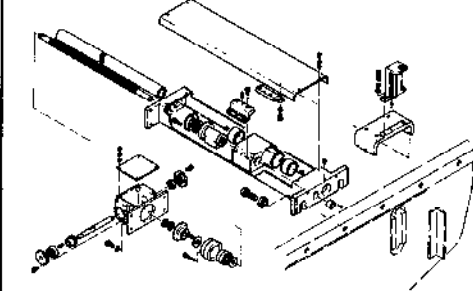
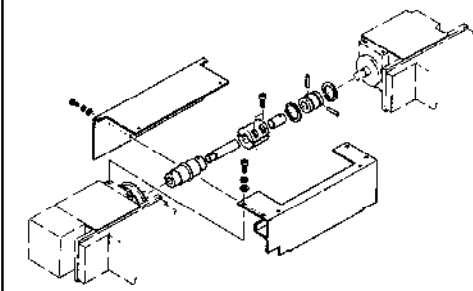
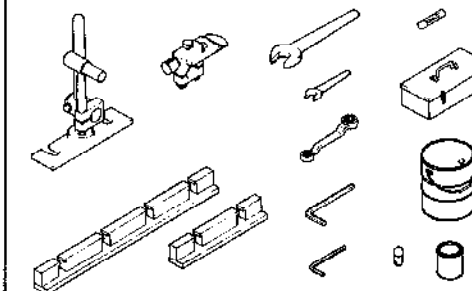
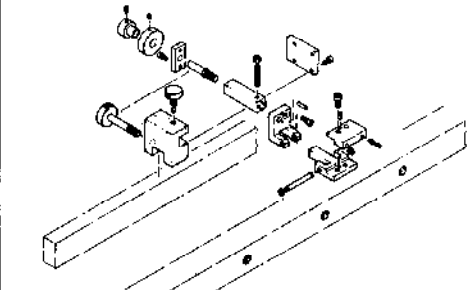
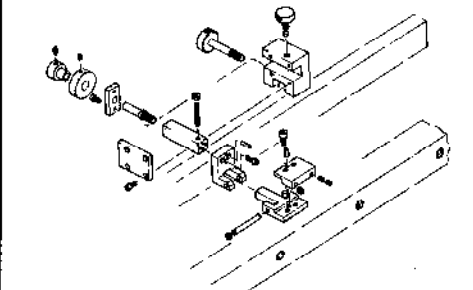
CONTENTS (1)

01 Frame 1~4 	02 Upper beam 5~8 	03 Lower beam 9~12 	04 Support plate 13~14 
05 Upper post 15~16 	06 Upper limit setting device 17~20 	07 Upper limit setting device (2) 21~26 	08 Lower limit setting device 27~30 
09 Guide roller 31~32 	10 Pedal 33~34 	11 Tool holder 35~38 	12 Speed change setting device 39~42 

CONTENTS (2)

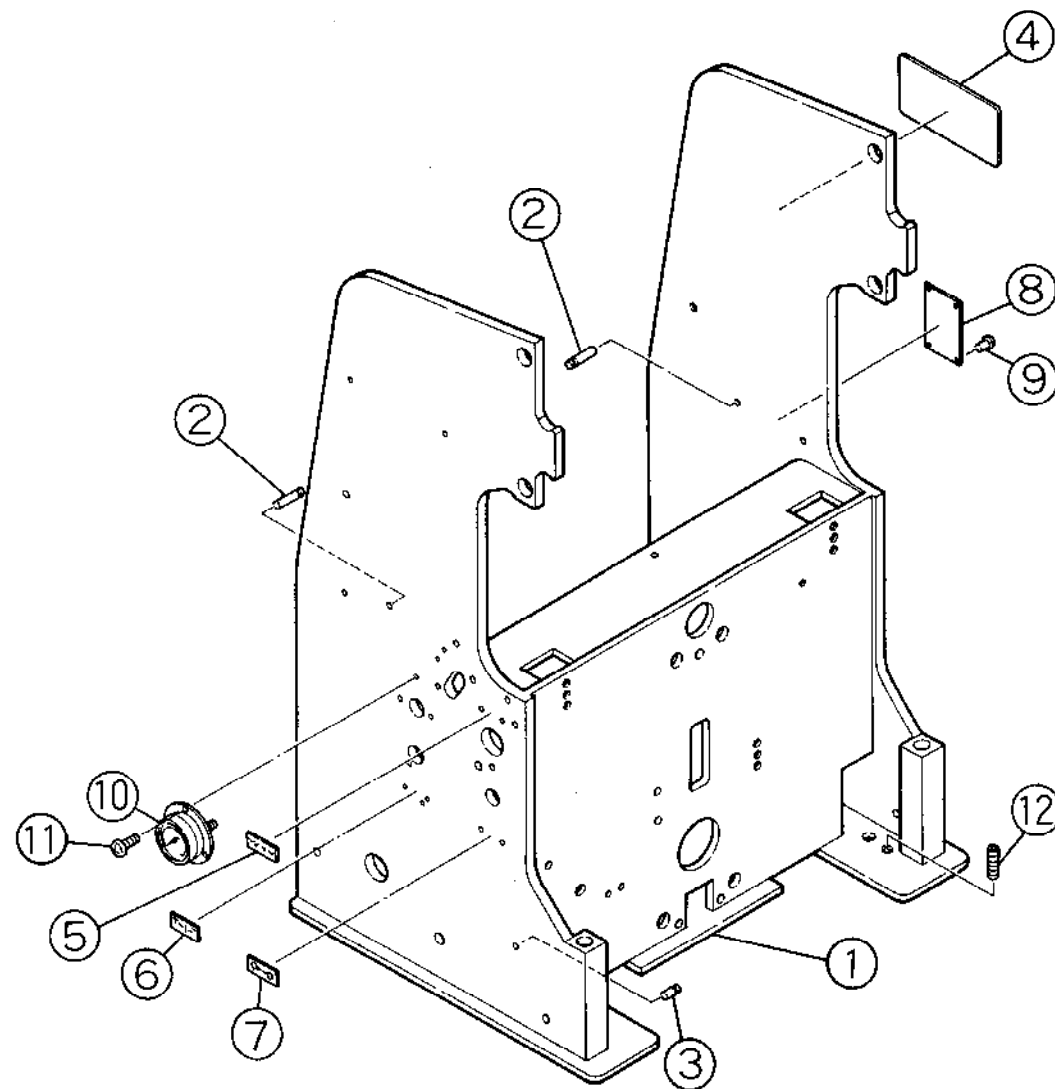
13 Main cylinder 43~46 	14 Distributor 47~50 	15 Pump unit 51~56 	16 Hydraulic piping 57~60 
17 Hydraulic valve 61~68 	18 Electric (1) 69~78 	19 Electric (2) 79~92 	20 Electric (3) - Backgauge 93~98 
21 Cover 99~102 	22 Backgauge (1) 103~104 	23 Backgauge (2) 105~112 	24 Backgauge (3) 113~118 

CONTENTS (3)

25 Backgauge (4)	26 Backgauge (5)	27 Backgauge (6)	28 Standard accessories
119~124	125~132	133~134	135~136
			
29 Work stopper (1)	30 Work stopper (2)		
137~140	141~144		
			

Unit No. 01
Frame

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		Frame					
	36120136	(Japan - STD)	4120835E		1		
	36120452	(Japan - AUTO B/G)	4130221		1		
	36120102	(EXP - STD)	4124011C		1		
	36120453	(EXP - AUTO B/G)	4130330		1		
2	36120605	Grooved pin		B- ϕ 10 x 70	4		
3	36120607	Grooved pin		D- ϕ 10 x 40	6		
4		Bending chart					
	36120514	(Japan)	6034407A		1		
	36120515	(EXP - m/m)	4095658D		1		
	36120516	(EXP - inch)	4095659D		1		
5	36120506	Legend plate (upper limit)	4121182A		1		
6	36120507	Legend plate (pressure)	4121183A		1		
7	36120508	Legend plate (cut-off valve)	4121184A		1		
8		Serial plate					
	36120436	(Japan)	4091495C		1		
	36120422	(EXP)	4124582		1		



Unit No. **01**
Frame

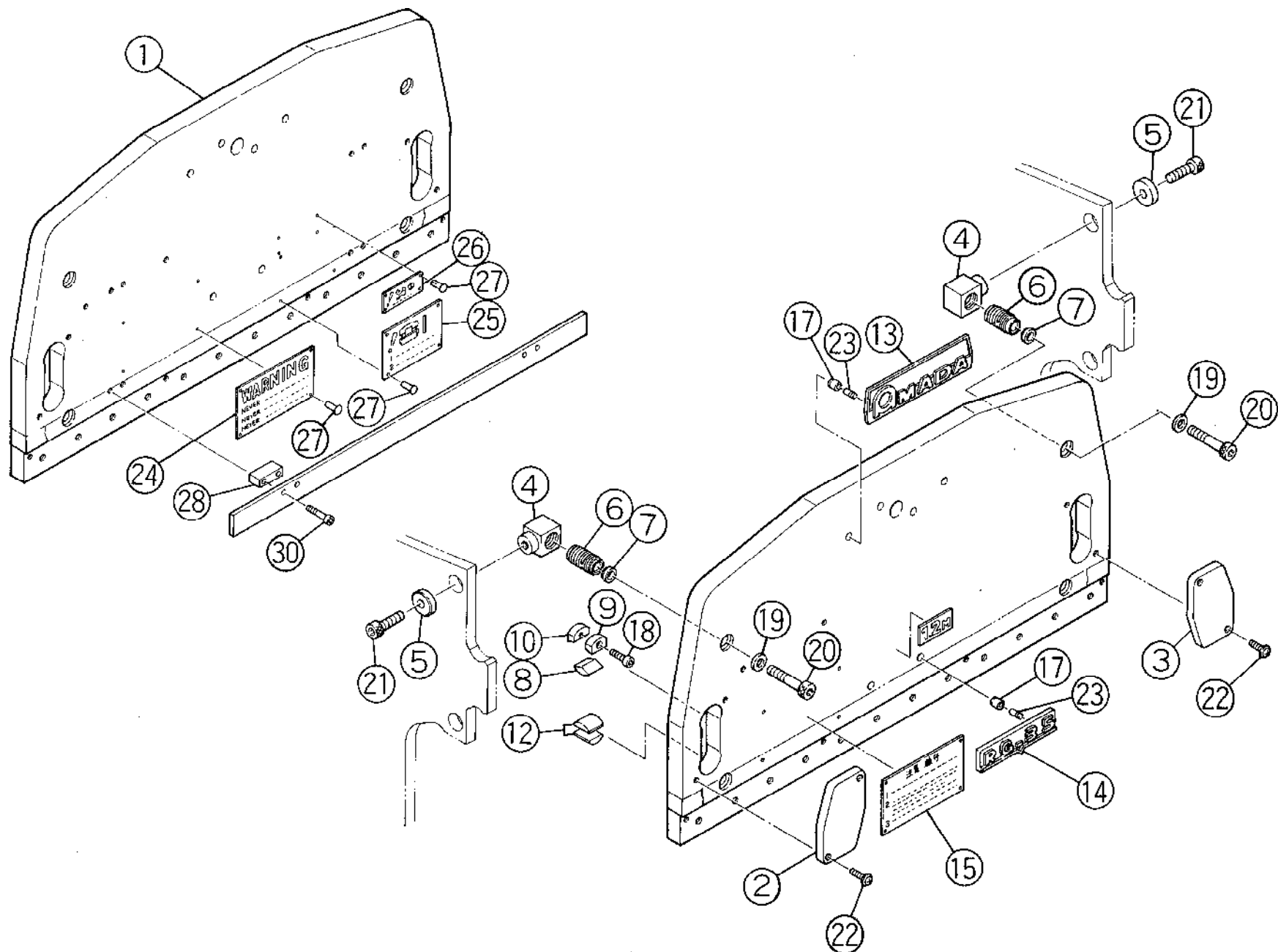
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Unit No. 02
Upper beam

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		Upper beam					
	36121014	(Japan)	4120071F		1		
	36121026	(EXP)	4127881D		1		
2	36121101	Cover (left)	51.27030.0		1		
3	36121110	Cover (right)	51.27031.0		1		
4	36121228	Support block	4120195		4		
5	36121211	Washer	51.45042.0		4		
6	36121201	Adjusting screw	51.28056.1		4		
7	36121206	Spherical support	51.46312.0		4		
8	36121122	Lock piece	51.46317.1A		2		
9	36121123 (36320817)	Lock piece	51.46318.1		2		
10	36121124 (36320819)	Lock piece	51.46319.1		2		
11	36121526	Sticker		40 x 1400 L	1		
12	36121220 (36320824)	Adjusting piece	51.46316.2		4		
13	36121401	Amada plate	7937045A		1		
14	36121409	Model plate	4133941		1		
15	36121427	Legend plate (warning)	4120688C		1		

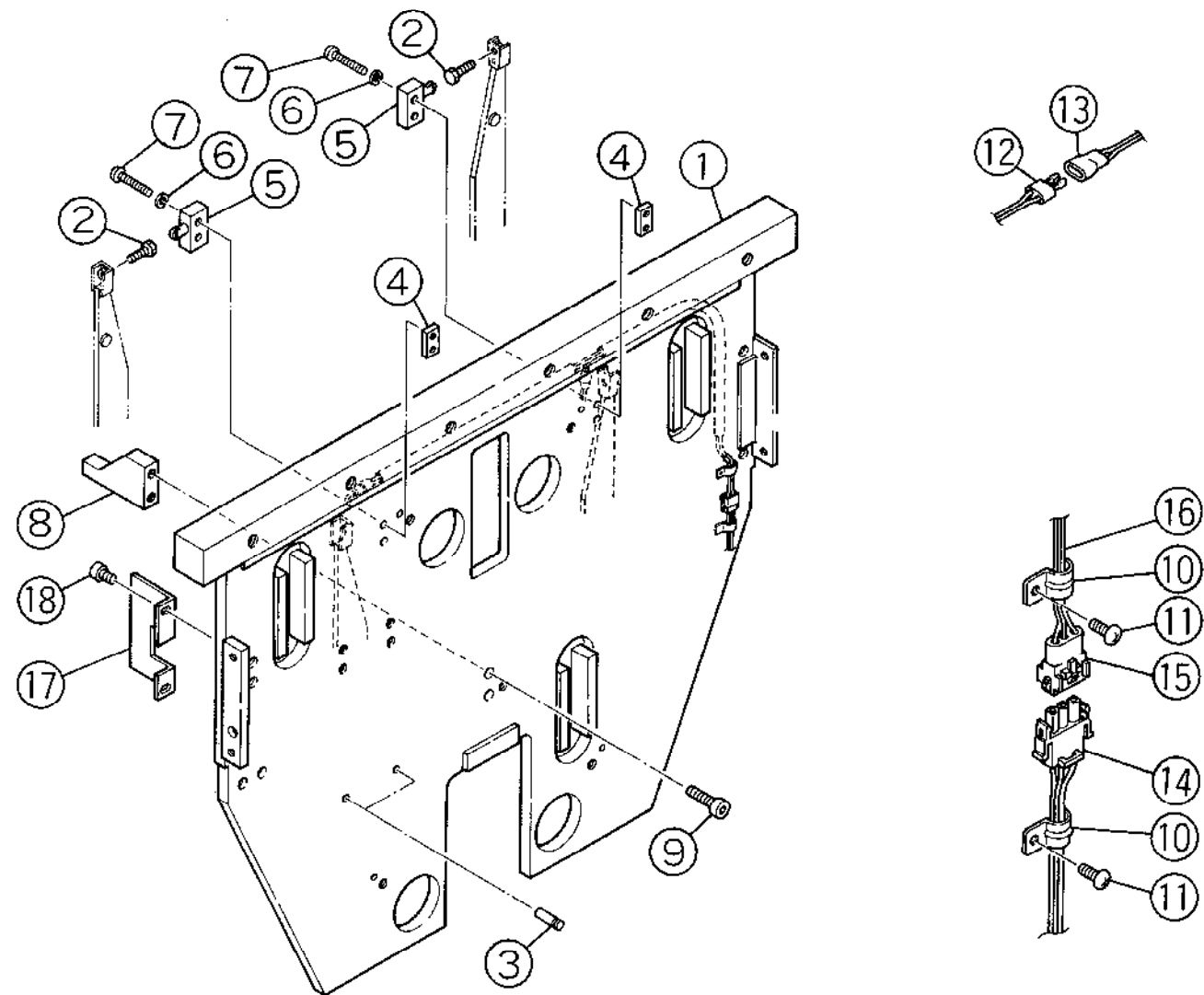


From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
16	36121501	Sticker (1.2M)	382173		1		
17	36121420 (36320006)	Holder	7919508A		6		
18	36147120 (38020507)	Cap screw		M8 x 35	2		
19	36121212 (36320901)	Washer	4120676		4		
20	36147153	Cap screw		M16 x 90	4		
21	36147148 (36321227)	Cap screw		M16 x 40	4		
22	36147832	Countersink head machine screw		M6 x 25	4		
23	36121424 (36320019)	Screw	4138468A		2		
24	36121431	Legend plate (warning)	4095870		1		EXP
25	36121433	Legend plate (caution)	4044752C		1		EXP
26	36121432	Legend plate (caution)	4044750		1		EXP
27	36148007	Drive screw rivet		Φ1.8 x 4.8	12		EXP
28	36121511	Spacer	4098687A		2		EXP
29	36121515	Plate	4098688		1		EXP
30	36147112 (74314409)	Cap screw		M6 x 50	4		EXP

Unit No. 03
Lower beam

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36122001	Lower beam	4122660C		1		
2	36147031 (10442940)	Bolt		M6 x 30	2		
3	36122438	Grooved pin		BX-φ12 x 40	2		
4	36122201	L.S. setting plate	51.29009.0B		2		
5	36122401 (36322407)	Limit switch		BZ-ZRS55-T4-J (Yamatake-Haneywell)	2		
6	36147602 (44027327)	Spring washer		M4	4		
7	36147305	Pan head machine screw		M4 x 50	4		
8	36122206	Bracket	4095635A		1		
9	36147147 (44552004)	Cap screw		M16 x 35	2		
10	36122428 (44027304)	Saddle		CH-6 (Daiwa)	2		
11	36147308	Pan head machine screw		M5 x 8	2		
12	36122416	Pin		350547-1 (AMP)	3		
13	36122422	Socket		350550-1 (AMP)	3		
14	36122431	Plug		1-480700-1 (AMP)	1		
15	36122432	Receptacle		1-480701-1 (AMP)	1		
16	36122407	Cable		1.25 mm ² x 3750 L	1		
17	36122101	Cover (left)	4041781C		1		



Lower beam

From serial No. 00355013 and after.

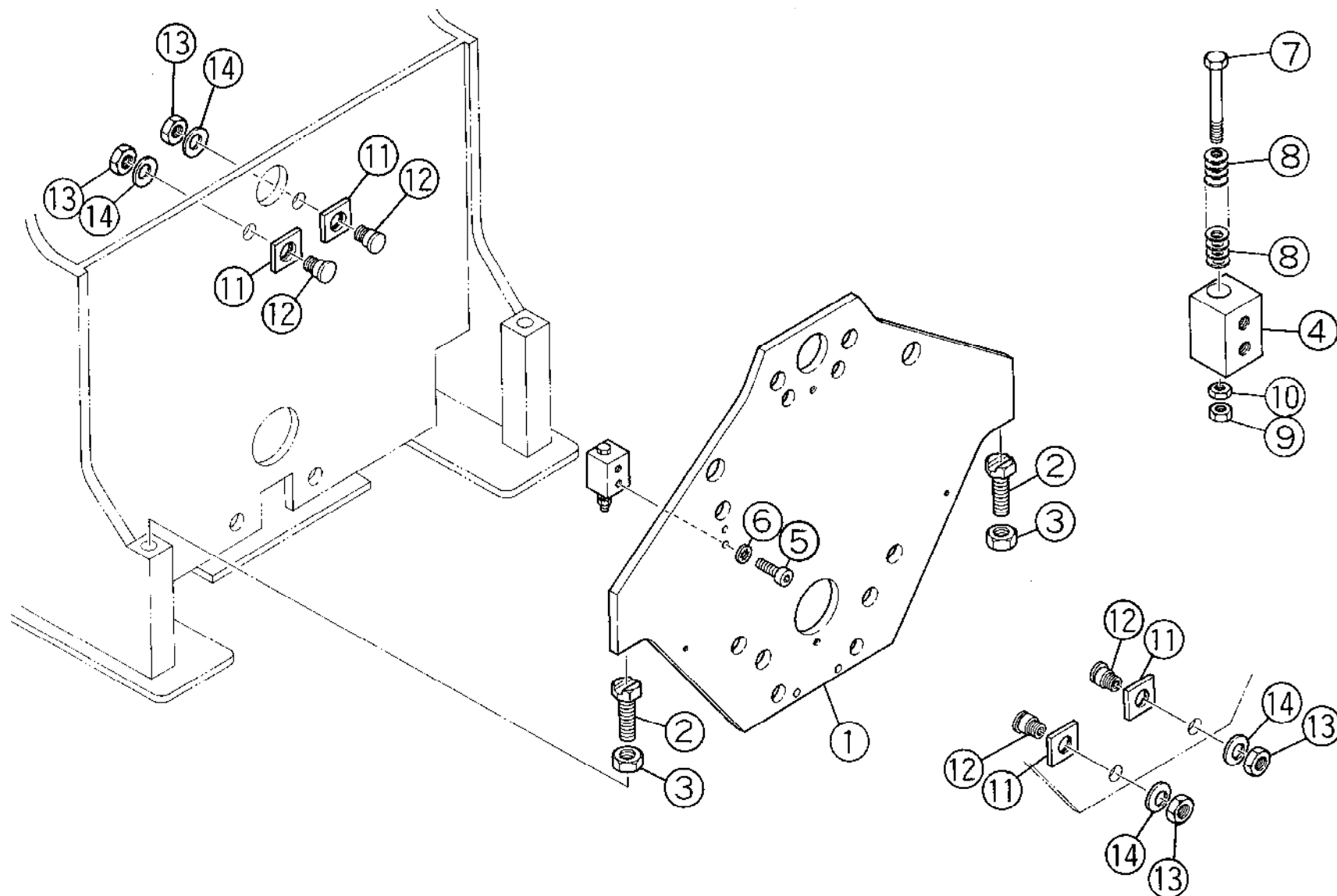
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Unit No. 04
Support plate

From serial No. 00355013 and after.



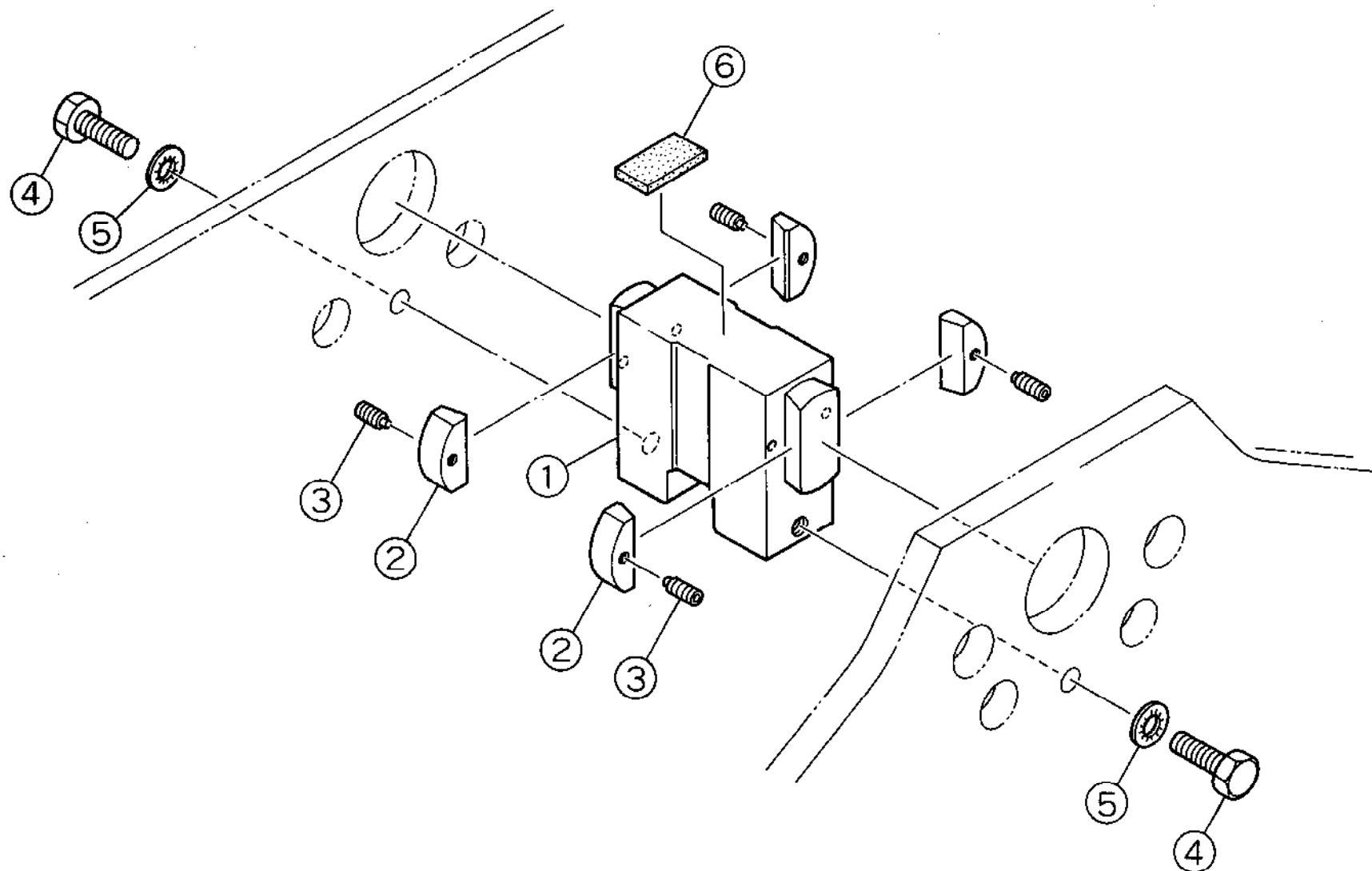
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36122801	Support plate	4090465A		1		
2	36122923	Adjust bolt	51.28060.1A		2		
3	36147817 (36321625)	Nut		M30 type-3	2		
4	36122901	Block	51.15127.2B		1		
5	36147147 (44552004)	Cap screw		M16 x 35	2		
6	36147634	Toothed lock washer		M16	2		
7	36147025	Bolt		M12 x 100	1		
8	36148014	Cone disk spring		R-25	44		
9	36147812	Nut		M12 type-2	1		
10	36147813	Nut		M12 type-3	1		
11	36123905	Plate	4161314		8		
12	36123828	Eccentric shaft	51.27509.1A		8		
13	36147818	Nut		M30 x 1.5	8		
14	36148013	Cone disk spring	20382063		8		



Unit No. 05
Upper post

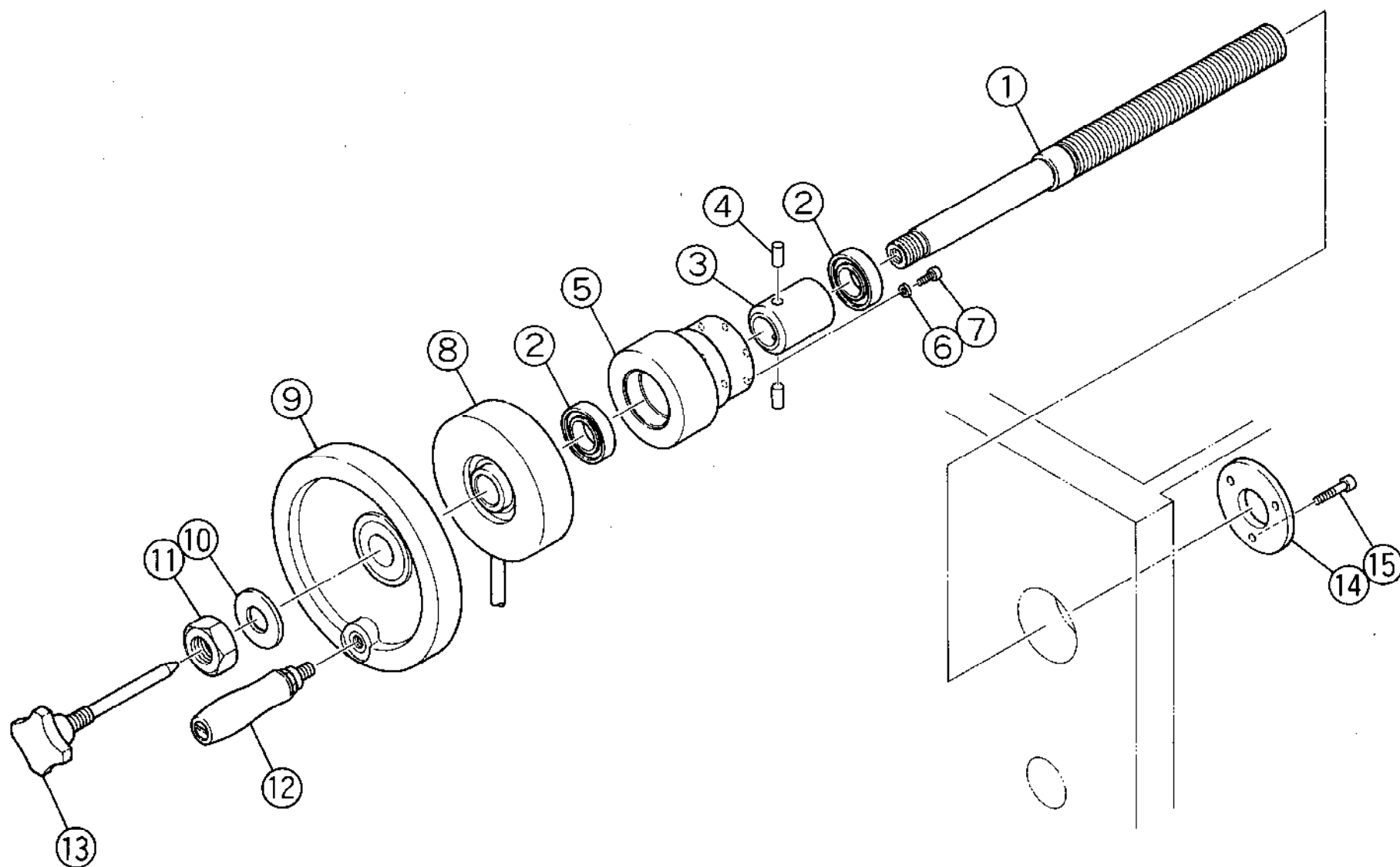
From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36123505	Guide post	4134854		1		
2	36123521	Lock piece	51.46309.2		4		
3	36147517	Set screw		M10 x 25 dog end	4		
4	36147028	Bolt		M16 x 45	2		
5	36147634	Toothed lock washer		M16	2		
6	36123602	Rubber cushion	51.19035.0		1		





From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36124625	Feed screw	4099871		1		
2	36125101 (58140306)	Ball bearing		#6005ZZ	2		
3	36124631	Collar	4099872		1		
4	36124701	Pin	4099873A		2		
5	36124707	Bearing case	4099874C		1		
6	36124733	Washer	4121313A		3		
7	36147101 (74302810)	Cap screw		M5 x 10	3		
8		Digital display unit					
	36144912	(Japan)	4099875	(Muto)	1		
	36124914	(EXP)	7935073	(Muto)	1		
	36124913	(EXP)	7935072	(Muto)	1		
9	36124907	Handwheel	563811B		1		
10	36147717	Washer		M22 type 2	1		
11	36147816	Nut		M22 type 3	1		
12	36124514 (36180116)	Lever	563813B		1		
13	36124507	Lock knob	383535A		1		
14	36124713	Retainer	4099877		1		



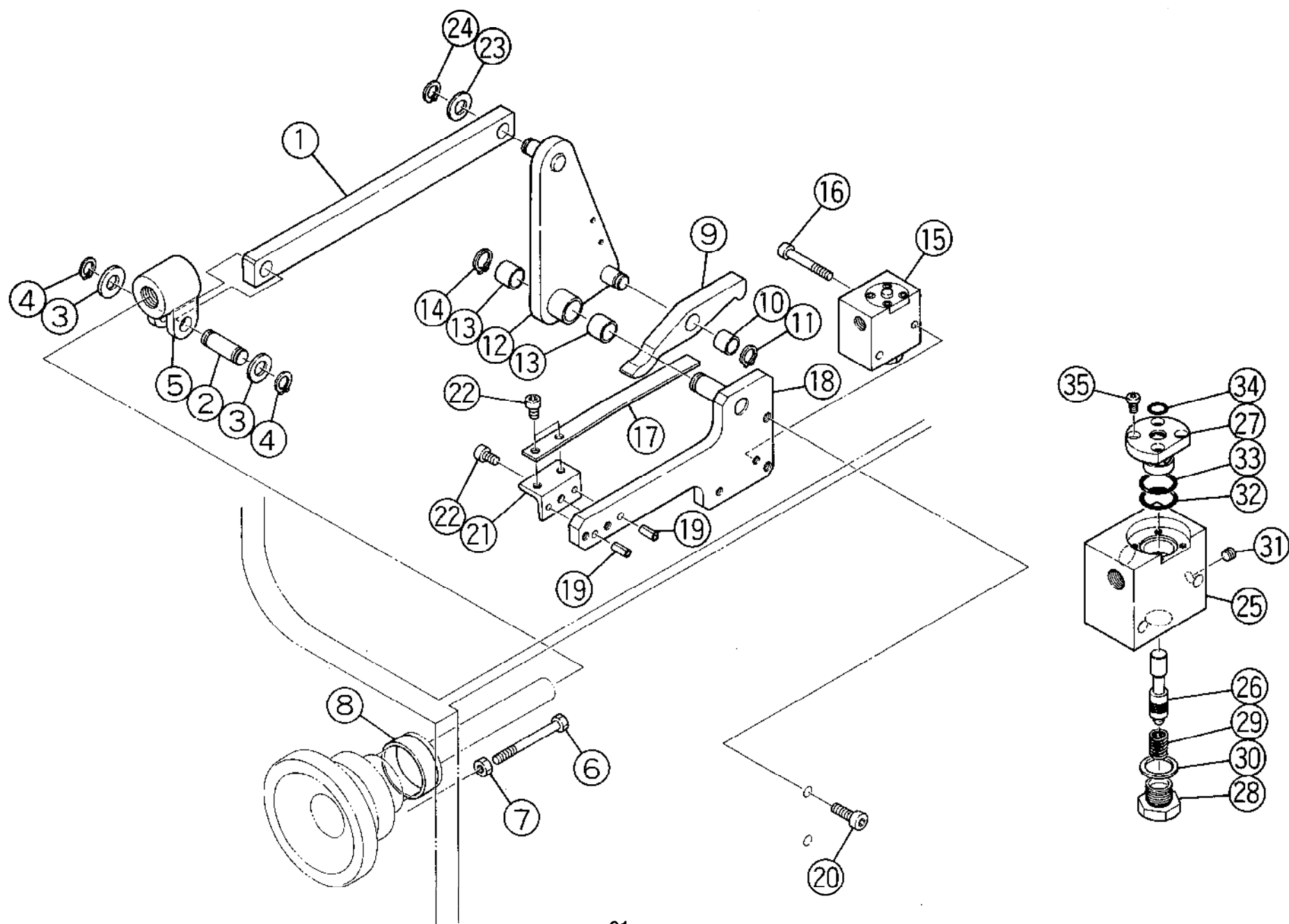
Upper limit setting device (1)

Upper limit setting device (1)

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From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36124527	Connecting bar	4041599		1		
2	36124825	Shaft	51.11107.2A		1		
3	36147714	Washer		M20	2		
4	36147731 (10001102)	Snap ring		STW-20	2		
5	36124831 (36003738)	Carriage	51.18516.2		1		
6	36147021	Bolt		M10 x 130	1		
7	36147809 (36327621)	Nut		M10 type 2	1		
8	36124720	Spacer	4099921		1		
9	36124513	Lever	4040697A		1		
10	36125107 (37116401)	Oilless metal bushing		MB2020DU	1		
11	36147731 (10001102)	Snap ring		STW-20	1		
12	36124522	Lever ass'y	4040703A		1		
13	36125108	Oilless metal bushing		MB2425DU	2		
14	36147732 (10317509)	Snap ring		STW-24	1		
15	36124801	Upper limit valve ass'y	4125420C		1 set		
16	36147136 (74314417)	Cap screw		M10 x 60	2		
17	36124901	Spring plate	51.44050.0A		1		



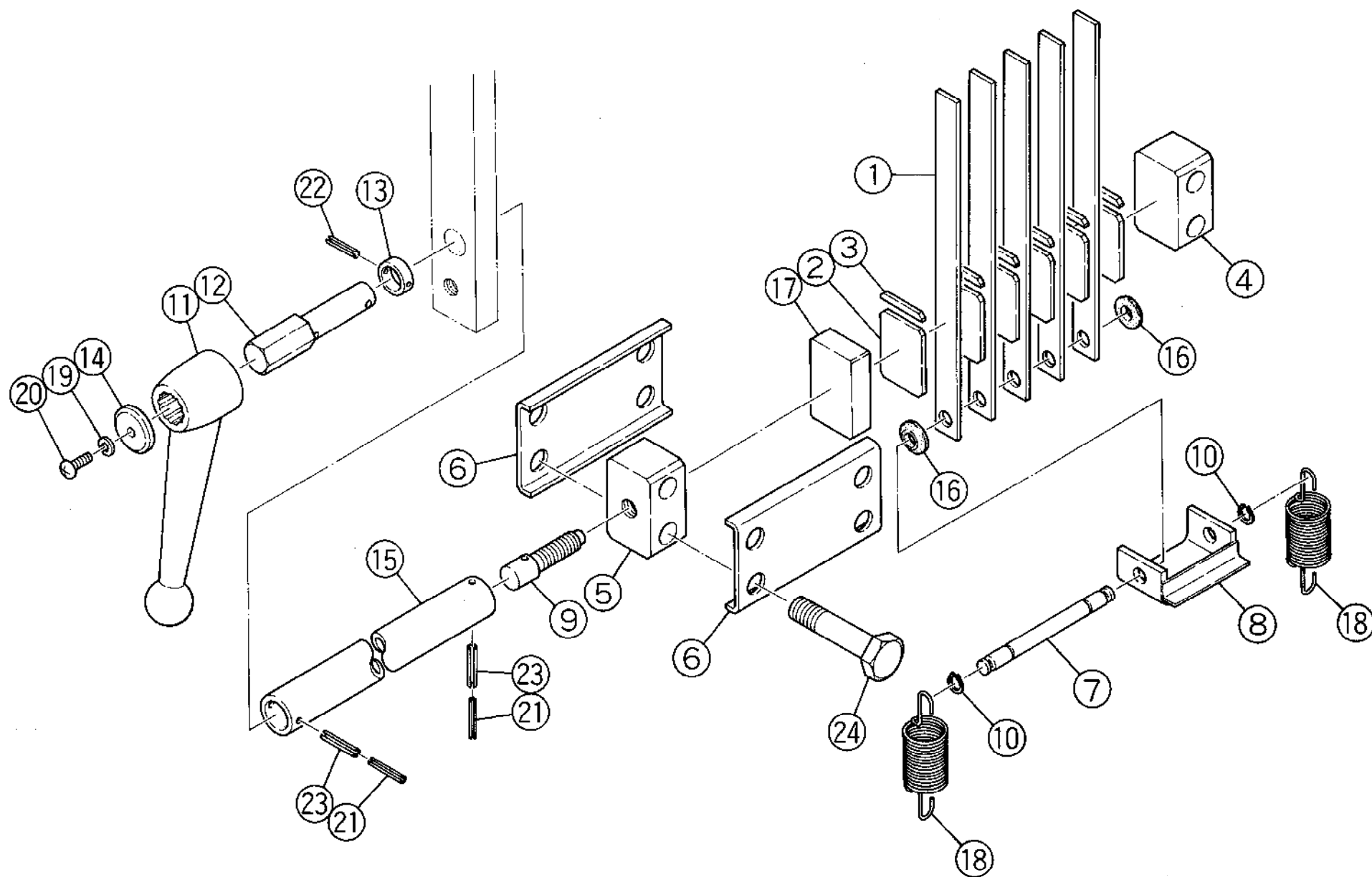
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36124612	Bracket	4091384		1		
19	36147913	Spring pin		Φ8 x 22	2		
20	36147141 (44028616)	Cap screw		M12 x 30	3		
21	36124618	Angle	4091387A		1		
22	36147126	Cap screw		M10 x 16	3		
23	36147714	Washer		M20 type 1	1		
24	36147731 (10001102)	Snap ring		STW-20	1		
25	36124807 (36325307)	Valve body	4122110B		1		
26	36124819	Spool	4125421		1		
27	36124813 (36325313)	Valve seat	4122112A		1		
28	36124549 (36325316)	Cap	4044546A		1		
29	36124601 (36325319)	Pressure spring	4044547A		1		
30	36125116 (36325323)	Seal washer		WF-22 (NOK)	1		
31	36138622 (58147621)	Plug		PT 1/8"	2		
32	36147420	O-ring		1BP25	1		
33	36147421 (36111006)	O-ring		1BP26	1		
34	36147402 (36325331)	O-ring		1AP14	1		

Unit No. **07**
Upper limit setting device (2)

From serial No. 00355013 and after.

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From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36125930 (36108901)	Plate	51.57563.0D		5		
2	36125925 (36108905)	Friction plate	51.57138.0		6		
3	36125920	Support	51.57137.1B		6		
4	36125834	Block support	51.15109.0		1		
5	36125833	Block support	51.15108.0		1		
6	36125912	Clamp plate	51.17060.0		2		
7	36125602	Pin	51.11112.0		1		
8	36125611	Support plate	51.19057.0D		1		
9	36125731	Screw	51.28140.0		1		
10	36147730 (10205431)	Snap ring		STW10	2		
11	36125824 (36109301)	Lever	380395		1		
12	36125624 (36109304)	Insert coupling	380396B		1		
13	36125629 (36109307)	Collar	380397A		1		
14	36126007	Washer	564563A		1		
15	36125707 (36109327)	Shaft	382161A		1		
16	36126001	Rubber washer	563032A		2		
17	36125803	Support block	51.15126.0A		1		



Lower limit setting device

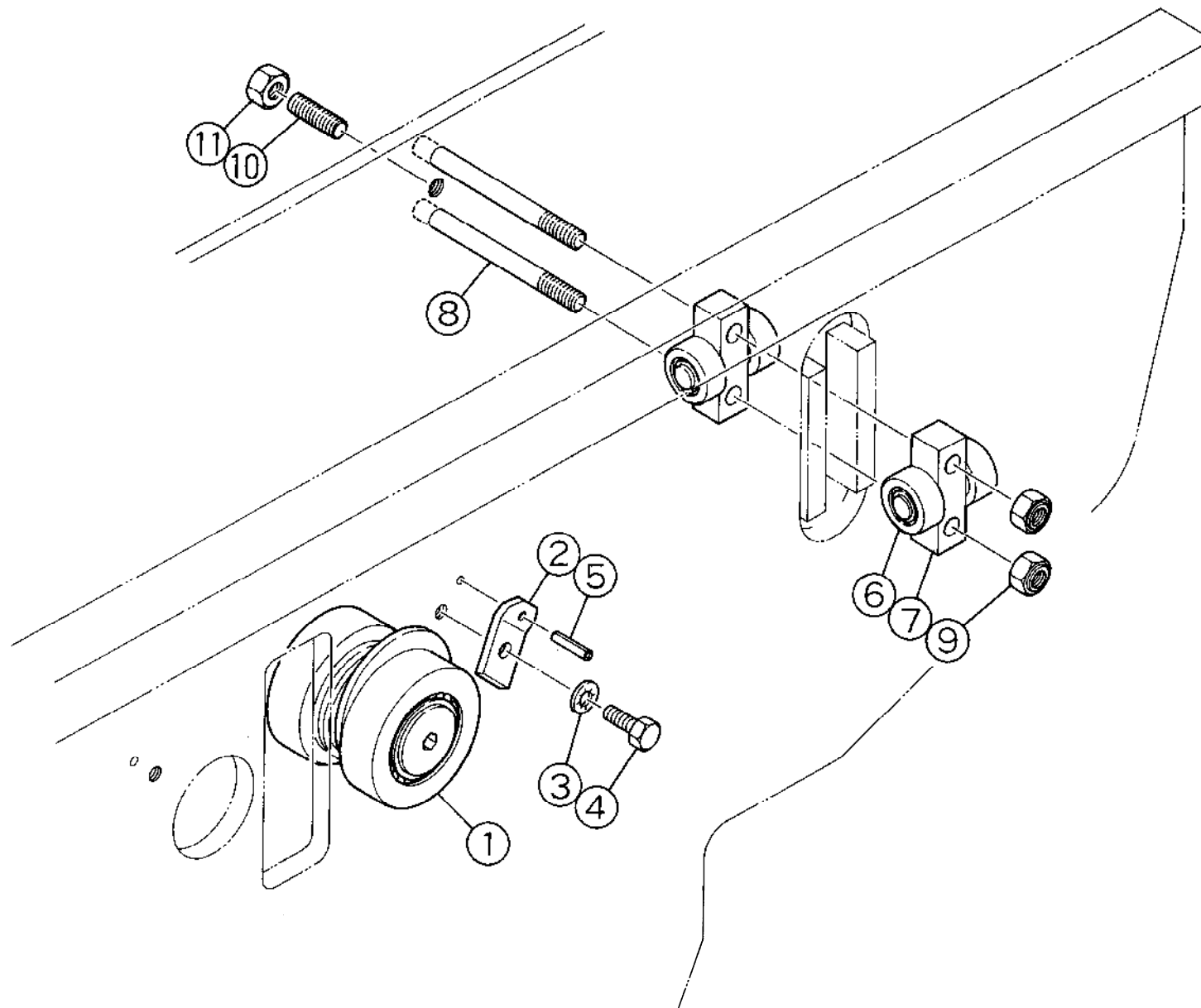
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Unit No. 09
Guide roller

From serial No. 00355013 and after.



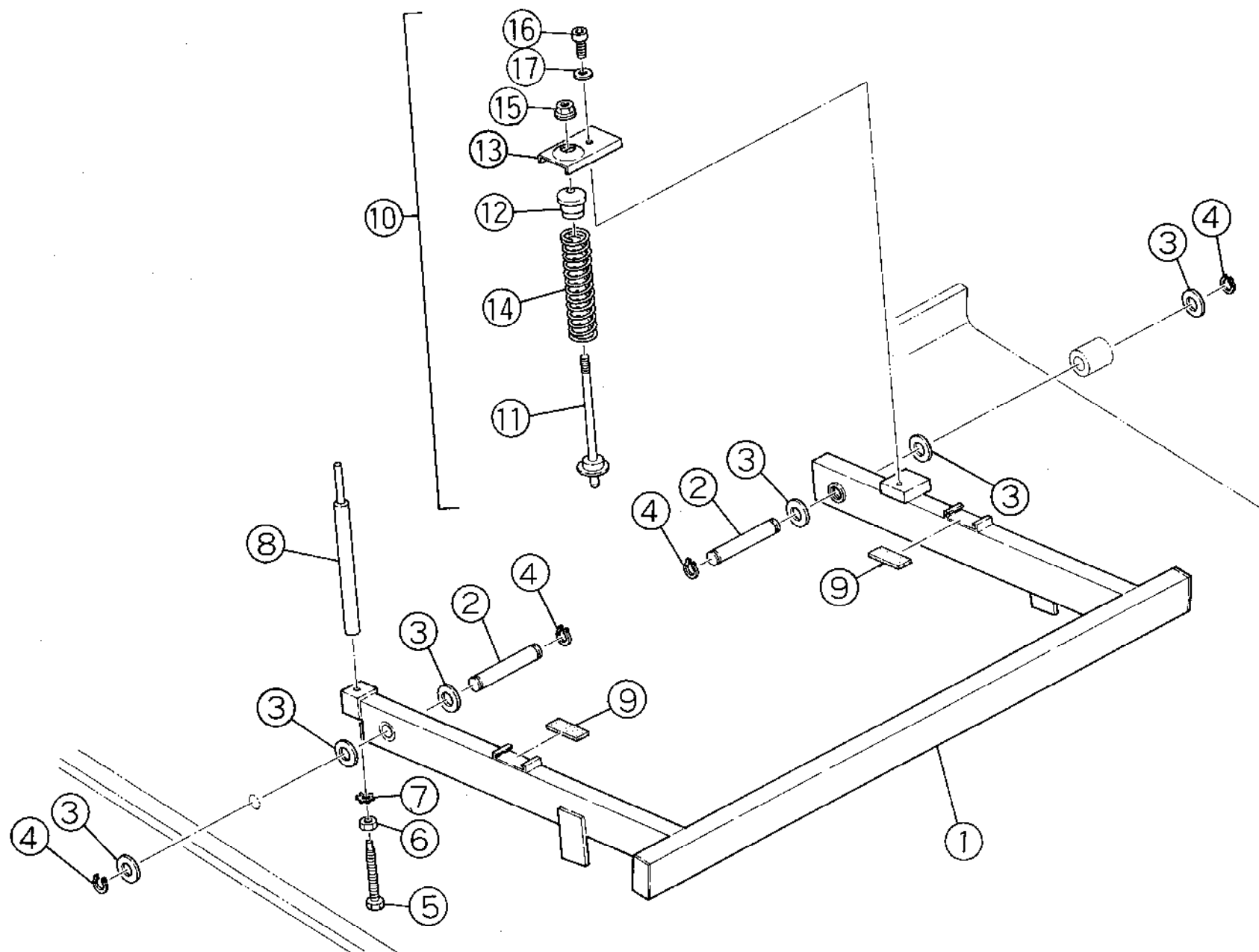
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36126623	Left-right guide roller ass'y	51.60406.0		4 set		
2	36126724 (36323712)	Clamper	40.95918		4		
3	36147633	Toothed lock washer		M14	4		
4	36147026 (36323729)	Bolt		M14 x 30	4		
5	36147909	Spring pin		Φ6 x 30	4		
6	36127513	Bogin roller ass'y	51.60401-1		6 set		
7	36127508	Block support	51.15023.1		6		
8	36127519	Stud bolt	51.28067.1		6		
9	36147814	Nut (with nylon lock)		M16 type 1	6		
10	36147524	Set screw		M16 x 50 flat end	3		
11	36147815	Nut		M16 type 2	3		



Unit No. 10
Pedal

From serial No. 00355013 and after.



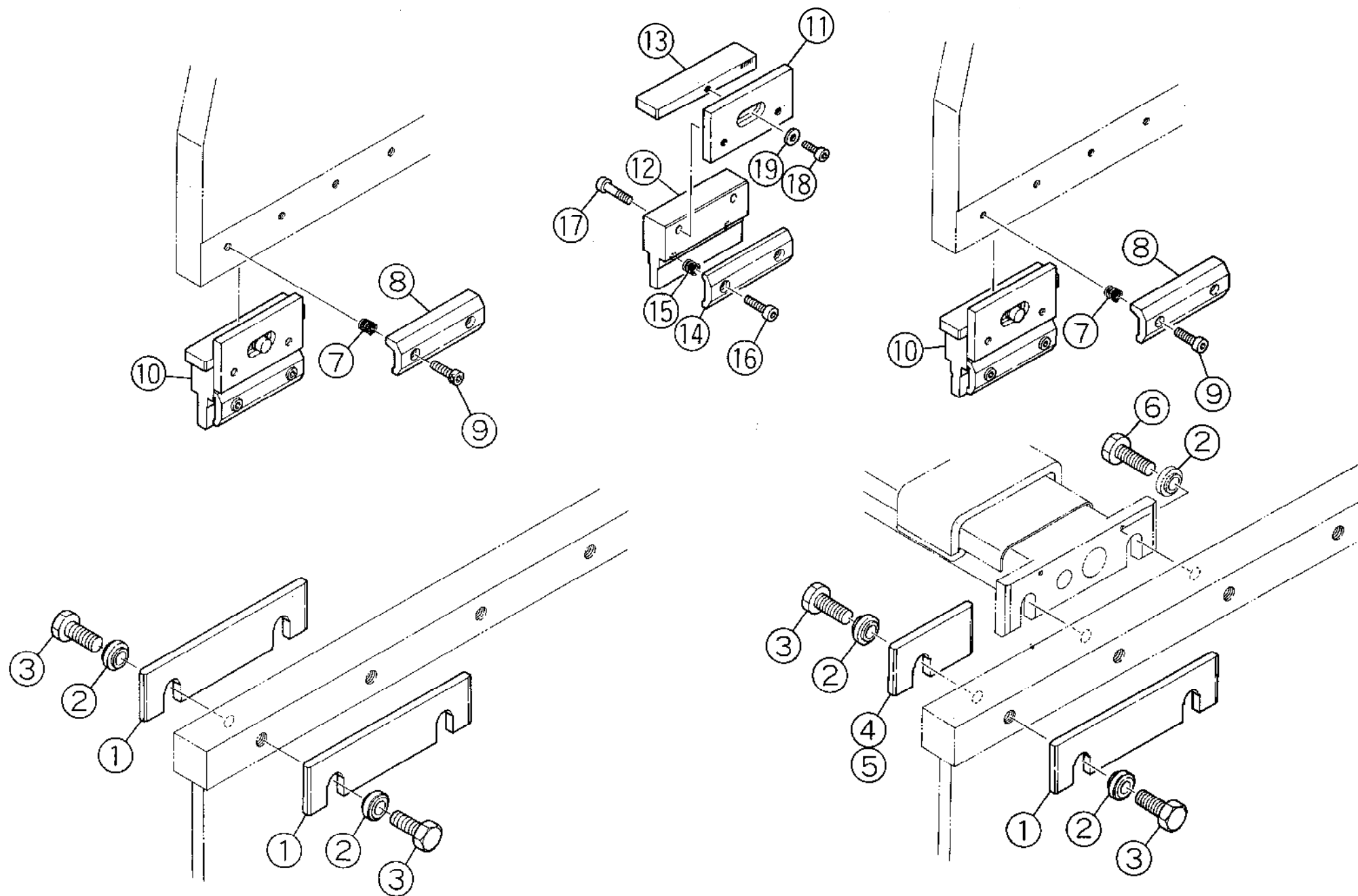
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36128008	Pedal	4049919B		1		
2	36128033	Shaft	4049931D		2		
3	36147714	Washer		M20	6		
4	36147731 (10001102)	Snap ring		STW-20	4		
5	36128201	Support screw	4040912		1		
6	36147809 (36327621)	Nut		M10 type-2	1		
7	36147631	Toothed lock washer		M10	1		
8	36128213	Push rod	4049898		1		
9	36128225	Rubber cushion	4091466		2		
10	36128118	Pedal spring ass'y	4049885C		1 set		
11	36128023	Shaft	4049886B 4161297A	(Include spring support)	1		
12	36128133	Spring support	4049888C		1		
13	36128208	Plate	4161296A		1		
14	36128219	Spring	4091690		1		
15	36147821	Nut		M12	1		
16	36147115	Cap screw		M8 x 16	1		
17	36147707 (74300511)	Washer		M8	1		



Unit No. 11
Tool holder

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36128901 (36324101)	Clamp plate	51.17029.0B	STD ... B/G ...	6 3		
2	36128909	Washer	7937122		12		
3	36147030 (36106815)	Bolt		M20 x 50 STD ... B/G ...	12 8		
4	36128749 (36324132)	Clamp plate (L)	571739A		1		B/G
5	36128750 (36324131)	Clamp plate (R)	571738A		1		B/G
6	36110736	Bolt		M20 x 55	4		B/G
7	36128927 (36113131)	Spring	51.44030.0		12		
8	36128914	Clamp plate	4161303A		6		
9	36147130 (74304918)	Cap screw		M10 x 35	12		
10	36128701 (36113108)	Distance piece ass'y	4099949		6 set		
11	36128709	Distance piece	51.57074.2D		6		
12	36128715	Push lock plate	4098393		6		
13	36128721	Adjusting piece	4099950		6		
14	36128726 (36324107)	Clamp plate	51.17028.1		6		
15	36128731 (36113131)	Spring	51.44030.2		12		
16	36147130 (74304918)	Cap screw		M10 x 35	12		
17	36147131 (74304913)	Cap screw		M10 x 40	12		



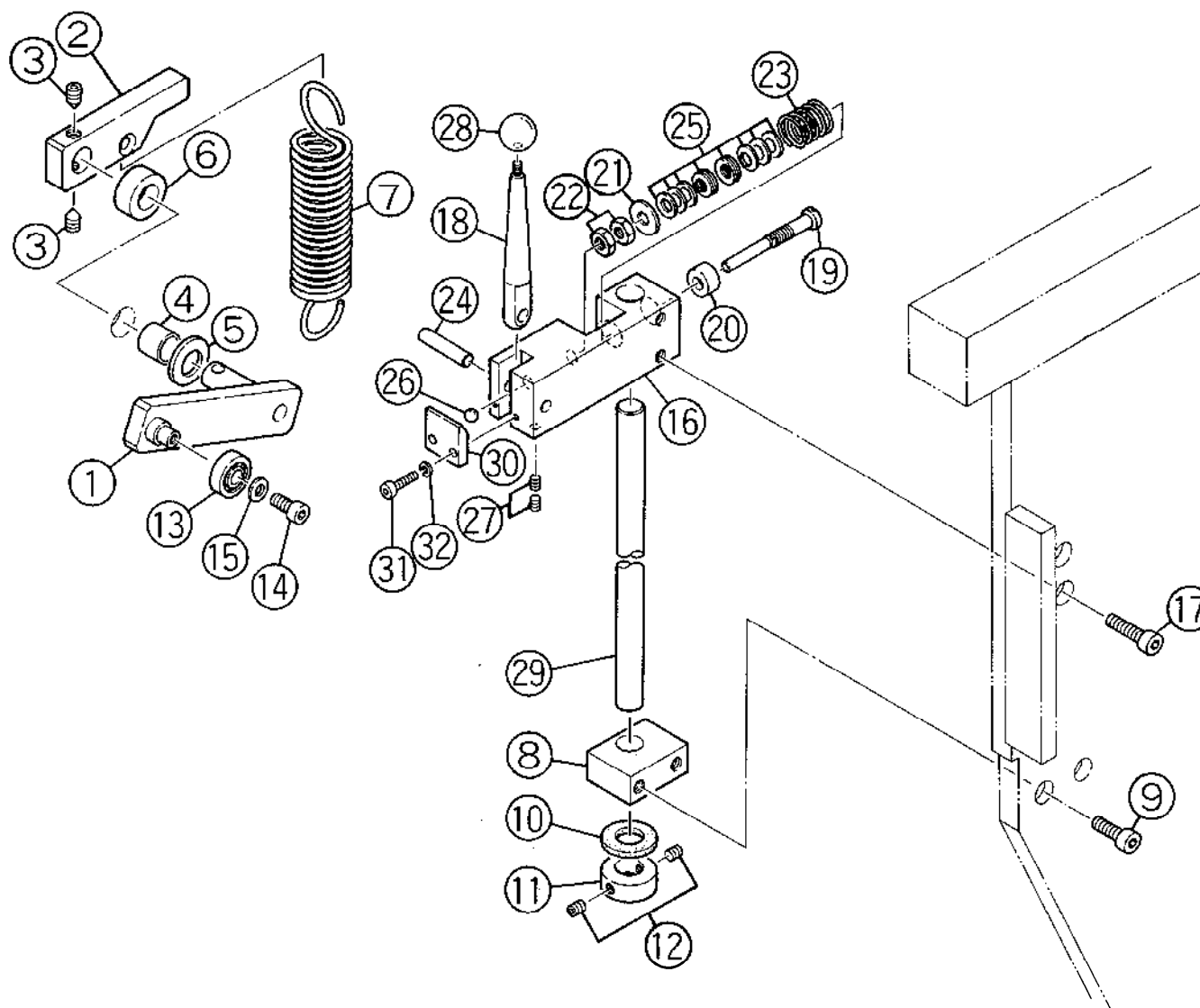
Unit No. 11
Tool holder

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Unit No. 12

Speed change setting device

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36130015	Arm	4041225A		1		
2	36130016	Arm	4041229A		1		
3	36147506	Set screw		M10 x 16 cone end	2		
4	36130501 (55125128)	Oilless metal bushing		MB2015DU	1		
5	36147715	Washer		M20 polish	1		
6	36129921	Spacer	4041231		1		
7	36130114	Tension spring	4041232		1		
8	36130001	Guide plate	4041223B		1		
9	36147128 (38124012)	Cap screw		M10 x 25	2		
10	36130128	Cushion	4046169		1		
11	36130119	Stopper	4046168A		1		
12	36147509	Set screw		M8 x 10 cup end	2		
13	36130411 (10312824)	Ball bearing		#6201ZZ (NTN)	1		
14	36147117 (44235241)	Cap screw		M8 x 20	1		
15	36147707 (74300511)	Washer		M8 type-1	1		
16	36129902	Support block	4126464B		1		
17	36147130 (74304918)	Cap screw		M10 x 35	2		

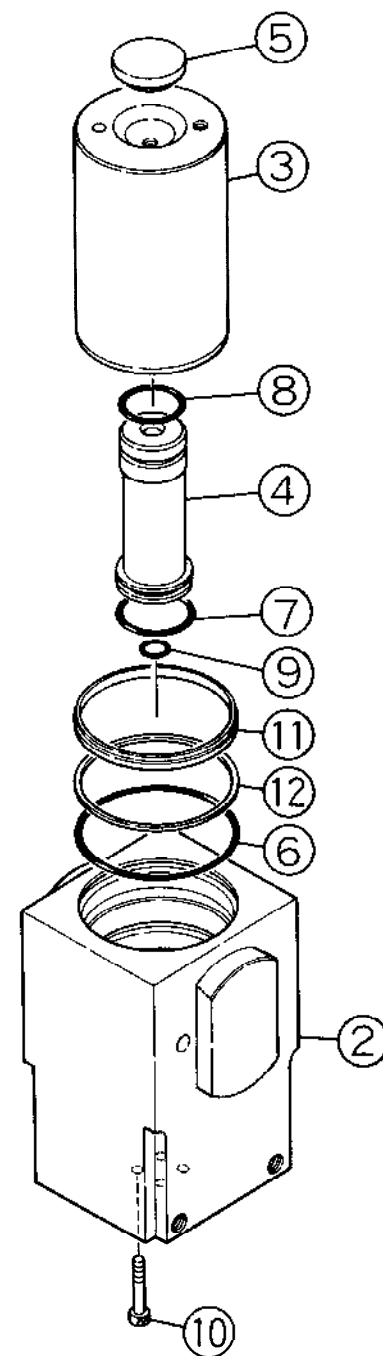
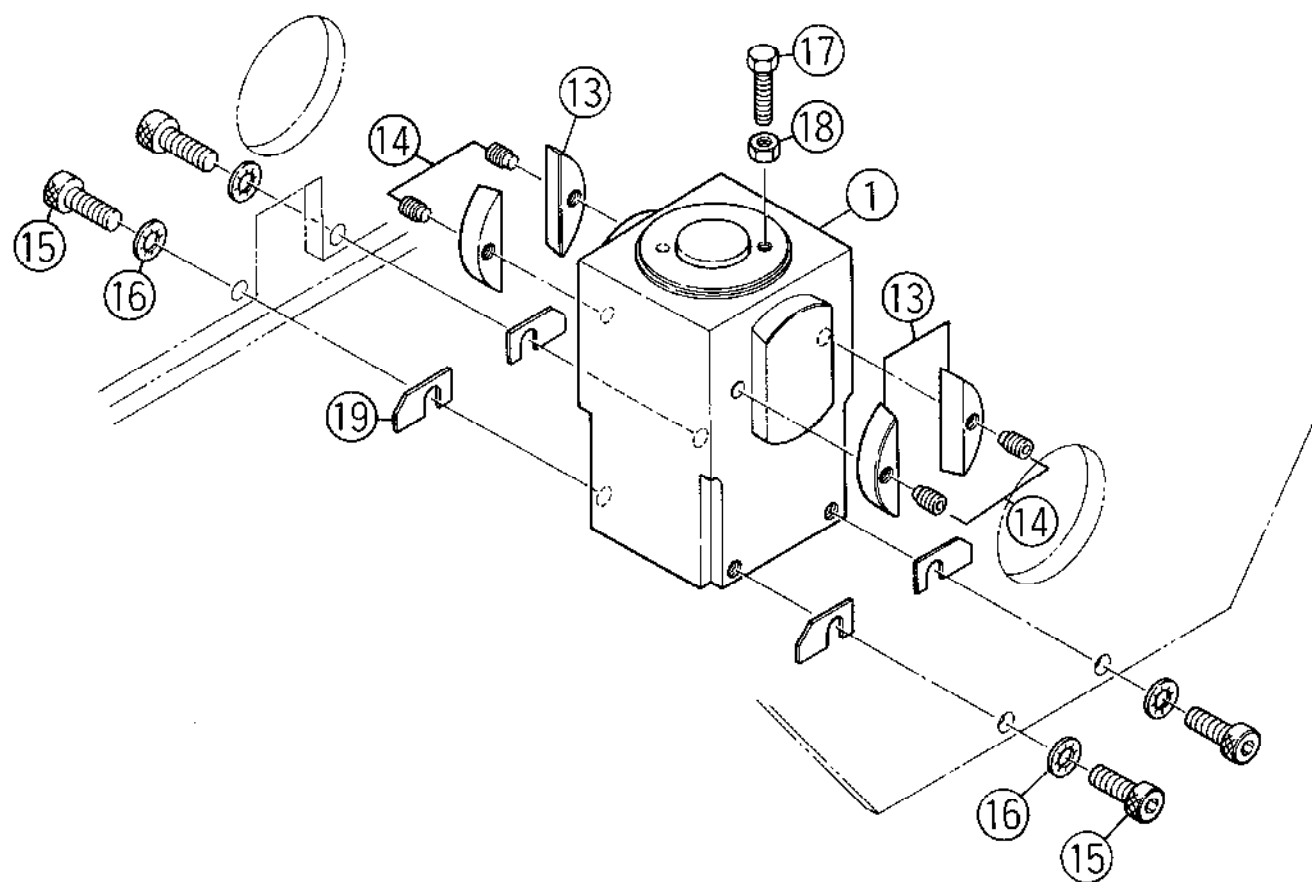


From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36129910	Lever	4041004B		1		
19	36130234	Bolt	4127754A		1		
20	36130225	Piece	4126240A		1		
21	36130230	Washer	4126241		1		
22	36147810	Nut		M10 type-3	2		
23	36130406	Spring		AS-D-25 x 2 x 25	1		
24	36129929	Shaft	4041007		1		
25	36130423	Cone disk spring		DB-10	12		
26	36130430	Steel ball		3/8"	1		
27	36147523	Set screw		M6 x 8 flat end	2		
28	36130401	Knob		PC 25 x 6 black (Imao)	1		
29	36130010	Rod	4041224		1		
30	36130120	Stopper	4127684		1		
31	36147108 (74302815)	Cap screw		M6 x 20	2		
32	36147608 (36323020)	Spring washer		M6 type-2	2		

Unit No. 13
Main cylinder

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36131001	Main cylinder ass'y	4091555C		1 set		
2	36131022	Main cylinder	4091605C		1		
3	36131102	Plunger	4041030C		1		
4	36131123	Inner plunger	4049699		1		
5	36132101	Spherical support	55.01569.4B		1		
6	36147430	O-ring		1BP 120	1		
7	36147427	O-ring		1BP 50A	1		
8	36147426	O-ring		1AP 44	1		
9	36147417	O-ring		1BP 18	1		
10	36147121 (74314411)	Cap screw		M8 x 50	4		
11	36131514 (36110705)	Dust seal		SDR-120 (Sakagami)	1		
12	36131501 (36110706)	Back-up ring		T3P120	1		
13	36131211	Lock piece	51.46324.1A		4		
14	36147519	Set screw		M14 x 25 dog end	4		
15	36147149 (36322121)	Cap screw		M16 x 45	4		
16	36147634	Toothed lock washer		M16	4		
17	36147024	Bolt		M12 x 50	1		

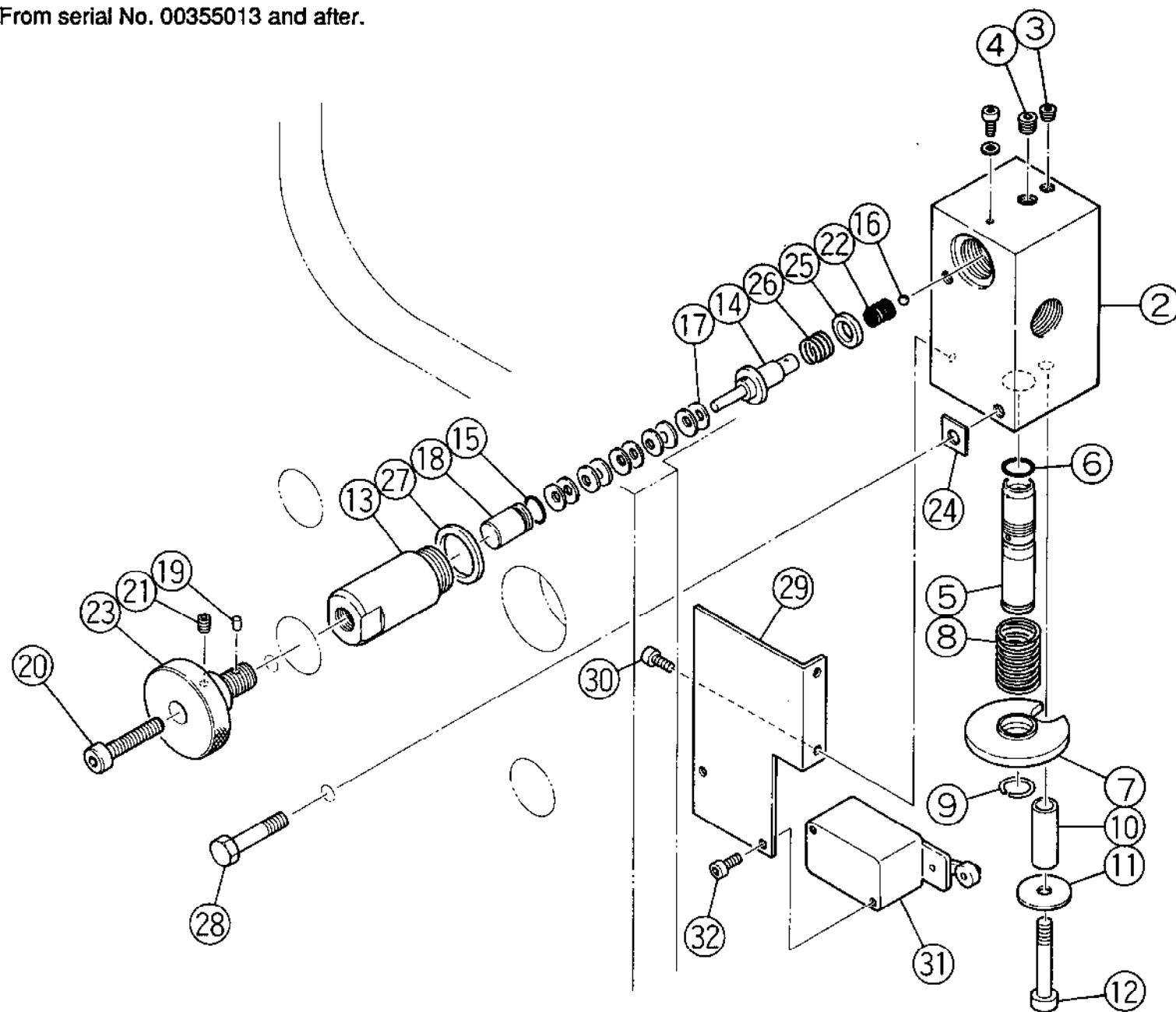


Unit No. 13
Main cylinder

 1  2  3  4  5  6  7  8  9  10

Unit No. 14
Distributor

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36132701	Distributor ass'y	4048574F		1 set		
2	36132707	Valve body	4048575F		1		
3	36133133	Plug		PT 1/8"	1		
4	36133134	Plug		PT 1/4"	1		
5	36132713	Spool	4040900D		1		
6	36147404	O-ring		1AP18	1		
7	36132829	Spring support	4095130		1		
8	36132906	Pressure spring	50.440153.1		1		
9	36132901	Retainer	50.440110.1		1		
10	36132911	Spacer	4092995		1		
11	36132727	Washer	382741		1		
12	36147135	Cap screw		M10 x 60	1		
13	36132801 (36326715)	Screw guide	4048576D		1		
14	36132714	Spool	4048577A		1		
15	36147403 (36110501)	O-ring		1AP 16	1		
16	36133127	Steel ball		Φ7	1		
17	36133117	Cone disk spring		Φ18 x Φ6.5 x t1	10		



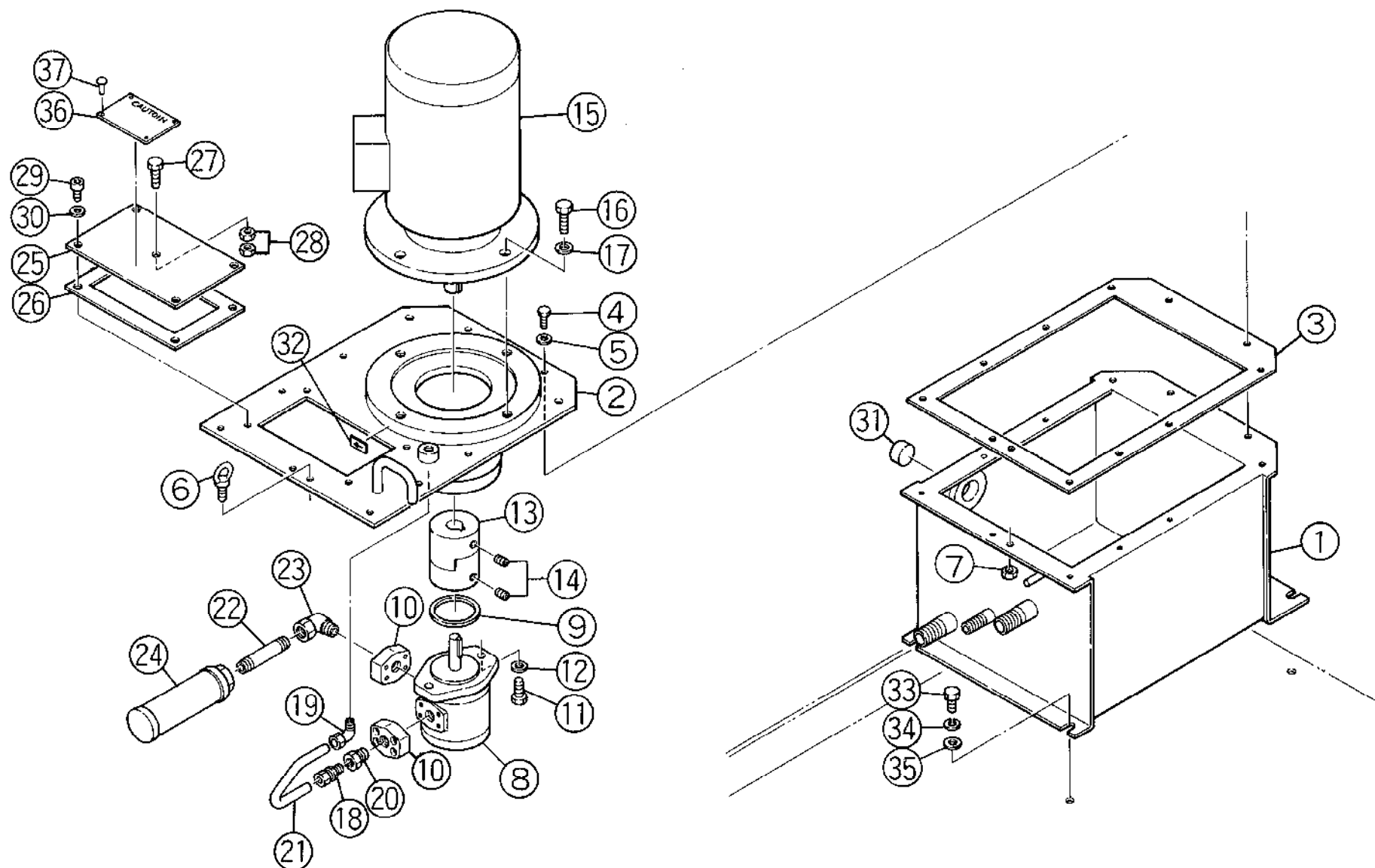
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36132715	Spool	4048662A		1		
19	36133122	Nylon rod		Φ4 x 5	2		
20	36132734	Bolt	4094953		1		
21	36147507	Set screw		M6 x 8 cup end	1		
22	36132817	Spring	51.44030.1		1		
23	36132806	Knob	4048579B		1		
24	36132726	Washer	4048500		2		
25	36132811	Collar	4048860		1		
26	36132812	Spring	4048861		1		
27	36133107 (36109731)	Affixed seal		KP-C-06 (Ihara)	1		
28	36147016	Bolt		M10 x 50	2		
29	36132824	L.S. bracket	4095091A		1		
30	36147103 (74302812)	Cap screw		M6 x 10	2		
31	36133101	Limit switch		1LS19-J (Yamatake-Haneywell)	1		
32	36147103 (74302812)	Cap screw		M6 x 10	2		



Unit No. 15
Pump unit

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36136230	Tank	4099090A		1		
2	36136303	Tank cover	4099148B		1		
3	36136319	Packing	4099101		1		
4	36147003	Bolt		M6 x 12	9		
5	36147705 (44027930)	Washer		M6	9		
6	36148001 (10562401)	Eye bolt		M10	3		
7	36147808 (10001516)	Nut		M10	3		
8	36136801	Pump		IPH-2B-3.5-3527A (Nachi)	1		
9	36136317	Packing	4098362		1		
10	36136901	Flange kit		IHF-2-T-20 (Nachi)	2		
11	36147011 (10001510)	Bolt		M10 x 25	2		
12	36147710 (74300512)	Washer		M10	2		
13	36136401	Coupling	4098357A		1		
14	36147507	Set screw		M6 x 8 cup end	4		
15		Motor					
	36136846	(Japan)		MLA6107C 2.2 kW 4P	1		
	36136871	(EXP)		MLA6107C 230V 50/60Hz 2.2 kW 4P 400/50, 460/60 (Fuji)	1		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
16	36147023	Bolt		M12 x 35	4		
17	36147713 (44028618)	Washer		M12	4		
18	36136923	Pipe fitting		PA-1/8"B-PT 1/4" (nipple type) (NTN)	1		
19	36136925	Pipe fitting		PB-1/8"B-PT 1/4" (elbow type) (NTN)	1		
20	36137012	Bushing		BUT 1/2" x 1/4" (NTN)	1		
21	36136519	Pipe	4099106A		1		
22	36136534	Suction pipe	4041627		1		
23	36137110	Male-female elbow		PT 1/2"	1		
24	36136912 (10329203)	Suction filter		SFT-04-150W	1		
25	36136433	Cover	4099096		1		
26	36136320	Packing	4099102		1		
27	36147118	Cap screw		M8 x 25	1		
28	36147806	Nut		M8 type-2	2		
29	36147005 (36325722)	Bolt		M8 x 10	4		
30	36147707 (74300511)	Washer		M8	4		
31	36136907	Oil level gauge		OLG-40	1		
32	36137006	Sticker (rotation)		AS-K1001	1		

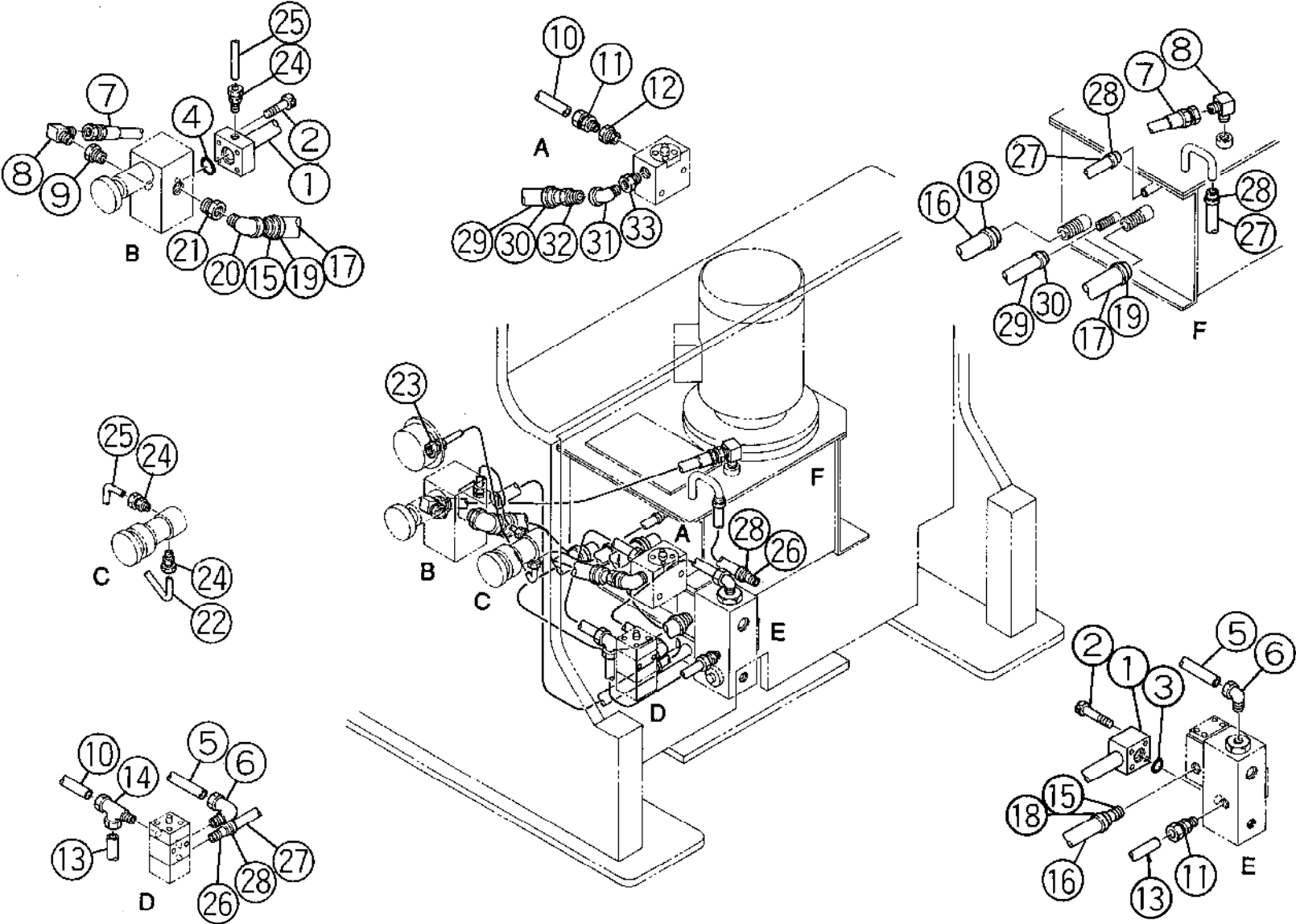


From serial No. 00355013 and after.

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Unit No. 16
Hydraulic piping

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36137703	Piping ass'y	4096425		1		
2	36147133 (74314415)	Cap screw		M10 x 50	8		
3	36147417	O-ring		1BP-18	1		
4	36147421 (36111006)	O-ring		1BP-26	1		
5	36137808	Pipe	4096427		1		
6	36138820	Elbow		PB-1/8"B-PT 1/4"	2		
7	36138301	Rubber hose		H103 L=700 EC03-04 NPF	1		
8	36138834 (55125713)	90° elbow		3021J-04	2		
9	36138603	Bushing		BUT 1/2" x 1/4"	1		
10	36137802 (36109534)	Pipe	4041654B		1		
11	36138023	Connector		PA-1/8"B-PT 1/4"	2		
12	36138604	Bushing		M-3/4" x 1/4"	1		
13	36137803	Pipe	4041655B		1		
14	36138004	Service tee		PD-1/8"B-PT 1/4"	1		
15	36137907	Pipe support	560306B		2		
16	36138432	Gasoline hose		φ25 L=800	1		
17	36138407	H-MID oil hose		φ25 L=530	1		

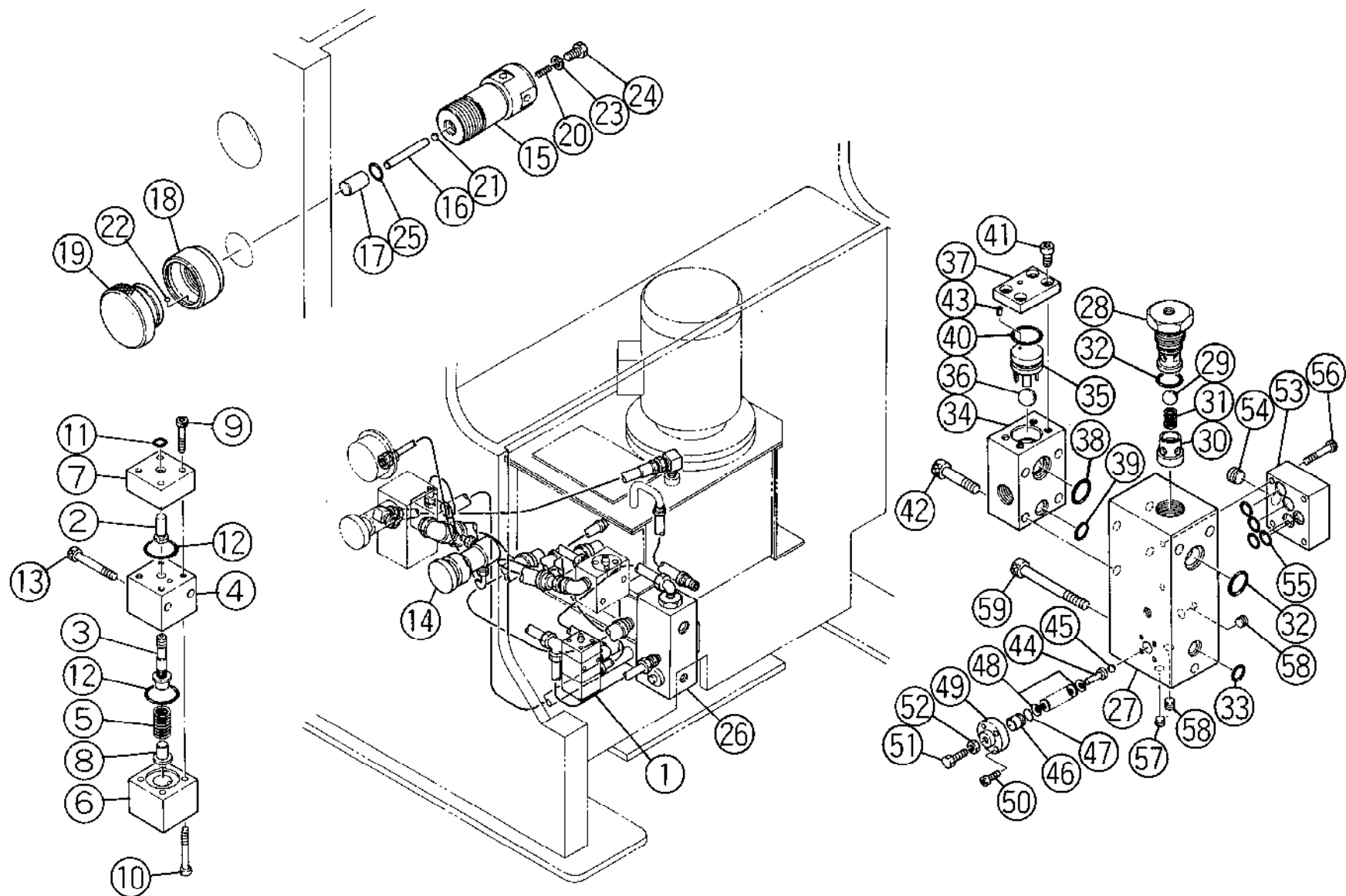


From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36138523	Hose band		Jubilee 2A	2		
19	36138522	Hose band		Jubilee 2	2		
20	36138918	90° male-female elbow		PT 3/4"	1		
21	36138602	Bushing		1" x 3/4"	1		
22	36138101	Copper pipe	4093921B		1		
23	36138631	Connector		KGA04-030N (KP-B-02)	1		
24	36138633	Connector		KC4-PT 1/8"-S	3		
25	36138104	Copper pipe		φ4 x φ2 x 630	1		
26	36137902	Pipe support	4041661		2		
27	36138501	Vinyle tube		φ10 x φ13 x 400	4		
28	36138719	Wire clamp		φ13	4		
29	36138431	Gasoline hose		φ15 x 500L	1		
30	36138521	Hose band		Jubilee 1A	2		
31	36138904	Male-female elbow		PT 3/8"	1		
32	36138131	Hose support	4040863A		1		
33	36138605	Bushing		M-3/4" x 3/8"	1		

Unit No. 17
Hydraulic valve

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36133601	Sequence valve ass'y	4041561A		1 set		
2	36133801	Push rod	4041562		1		
3	36133713	Spool	4041563B		1		
4	36133622	Block (C)	4041564B		1		
5	36133810	Spring	4041565A		1		
6	36133623	Block (B)	4041566A		1		
7	36133624	Block (A)	4041567		1		
8	36133816	Stopper	4047860		1		
9	36147110	Cap screw		M6 x 35	4		
10	36147112 (74314409)	Cap screw		M6 x 50	4		
11	36147401	O-ring		1AP-10	1		
12	36147423	O-ring		1BP-30	2		
13	36147122 (74304910)	Cap screw		M8 x 55	2		
14	36134402	Cut-off valve ass'y	4091374		1 set		
15	36134419	Valve body	4091375		1		
16	36134502	Cut-off valve	50.48028.0		1		
17	36134517	Spool	50.42515.1		1		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36134522	Lock nut	50.28059.1A		1		
19	36134527	Adjusting screw	50.57514.1		1		
20	36134532 (36325708)	Pressure spring	50.44046.3		1		
21	36133127	Steel ball		Φ7	1		
22	36134707	Steel ball		Φ3.175	1		
23	36134701	Seal washer		W8	1		
24	36147005 (36325722)	Bolt		M8 x 10	1		
25	36110519	O-ring		P-15	1		
26	36135201	Check valve ass'y	4096341C		1 set		
27	36135233	Valve body	4096342A		1		
28	36135501	Valve seat	4041577B		1		
29	36135702	Steel ball		Φ15	1		
30	36135318	Ball guide	4041578		1		
31	36135401	Spring	4041579		1		
32	36147418 (38121649)	O-ring		1BP22	2		
33	36147415	O-ring		1BP14	1		
34	36135303	Block	4096343A		1		

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
35	36135321	Ball guide	4045946B		1		
36	36135703	Steel ball		Φ19	1		
37	36135427	Cap	4045947B		1		
38	36147418 (38121649)	O-ring		1BP22	1		
39	36147415	O-ring		1BP14	1		
40	36147419	O-ring		1BP24	1		
41	36147117 (44235241)	Cap screw		M8 x 20	4		
42	36147133 (74314415)	Cap screw		M10 x 50	4		
43	36147901	Spring pin		Φ3 x 8 L	1		
44	36135510	Ball support	4095480		1		
45	36135706	Steel ball		5/16"	1		
46	36135516	Spool	4096345		1		
47	36147413	O-ring		1BP10	1		
48	36135721	Cone disk spring		R11	13		
49	36135428	Cap	4096344A		1		
50	36147102 (75168220)	Cap screw		M5 x 15	4		
51	36147004 (36323015)	Bolt		M6 x 20	1		

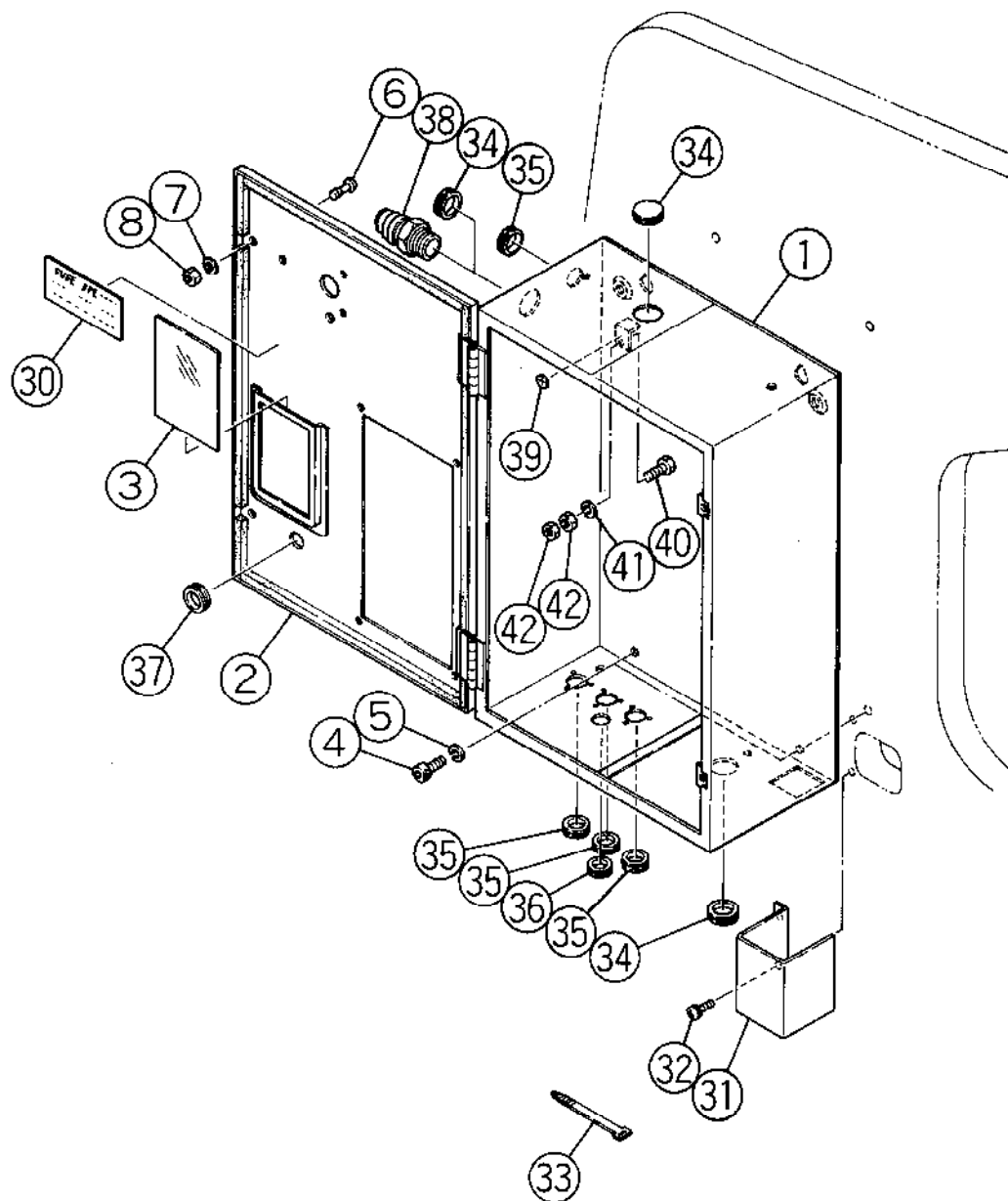
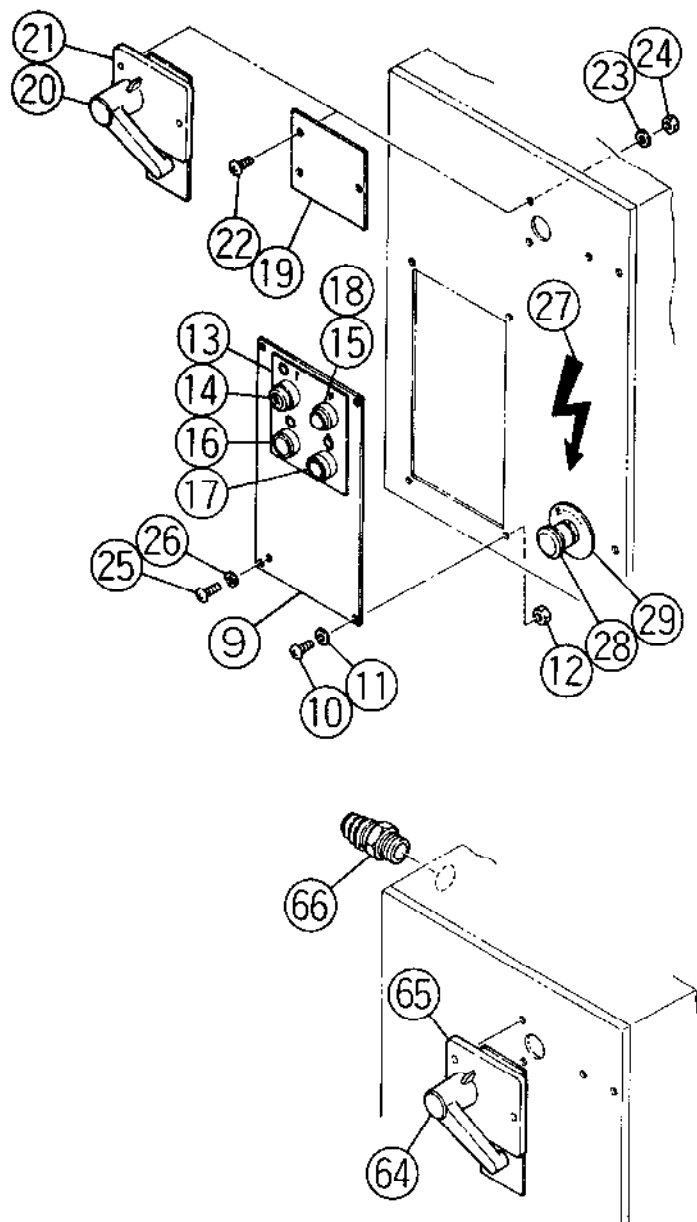


From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
52	36147805 (74304422)	Nut		M6 type-3	1		
53	36135429	Cap	4095483		1		
54	36134008 (44552306)	Plug		PT 3/8"	1		
55	36147414 (38123327)	O-ring		1BP12	4		
56	36147110 (74304905)	Cap screw		M6 x 35	4		
57	36134007 (58147621)	Plug		PT 1/8"	1		
58	36135728 (58141008)	Plug		PT 1/4"	2		
59	36147139	Cap screw		M10 x 90	3		

Unit No. 18
Electric (1)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36140303	Electrical box	4123960A		1		
2	36140418	Rubber packing		10 x 10 x 1800 L	1		
3	36140422	Acrylic resin plate		105 x 145 x 0.5	1		
4	36147115	Cap screw		M8 x 16	4		
5	36147610	Spring washer		M8 type-2	4		
6	36140207 (36329401)	Screw	4095509		2		
7	36147708	Washer		M8 polish	2		
8	36147807 (36329932)	Nut		M8 type-3	2		
9	36140214	Plate	4124479B		1		
10		Pan head machine screw					
	36147308 (58250511)	(Japan)		M5 x 8	4		
	36177211	(EXP)		M5 x 8 sems screw	4		
11	36147604 (44027927)	Spring washer		M5	4		Japan
12	36147802	Nut		M5 type-2	4		
13	36140201	Control panel	4095508A		1		
14	36140801	Select switch SS1		AH22-J2A11A black (Fuji)	1		
15	36140807	Pilot light PL1		AH22-ZMWH black (Fuji)	1		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
16	36140729	Push button switch PB1		AH22-FR01 black (Fuji)	1		
17	36140730	Push button switch PB2		AH22-GL1G11H green (Fuji)	1		
18	36140906	Noise filter		Z10L221 (Ishizuka)	1		
19	36140333	Plate	4125111		1		Japan
20	36141129	Breaker lever		BU-GGD	1		EXP
21	36141124	Retainer		H-1	1		EXP
22		Pan head machine screw					
	36147308 (58250511)	(Japan)		M5 x 8	3		
	36177211	(EXP)		M5 x 8 sems screw	3		
23	36147604 (44027927)	Spring washer		M5	3		Japan
24	36147802	Nut		M5 type-2	3		Japan
25	36147308 (58250511)	Pan head machine screw (ground)		M5 x 8	1		
26	36147604 (44027927)	Spring washer (ground)		M5	1		
27	36140024	Sticker (electric)	389793		1		
28	36140731	Push button switch PB3		AH22-Q-2R02 black	1		EXP
29	36140027	Sticker		AHX-719-E	1		EXP
30	36140025	Sticker (fuse)	4134098B		1		EXP

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
31	36140109	Cover	4091392C		1		
32	36177211	Pan head machine screw		M5 x 8 sems screw	2		
33	36141114 (74520109)	Band		CV-100	1		
34	36141107	Grommet		SG-34A (Takigen) Japan ... EXP ...	3 2		
35	36141105	Grommet		SG-26A (Takigen)	4		
36	36141104	Grommet		SG-22A (Takigen)	1		
37	36141108 (36329832)	Grommet		OB-31 (Izumi)	1		Japan
38	36140931	Connector		OA-U2	1		EXP
39	36140026	Sticker (ground)		AS-K	1		
40	36147004 (36323015)	Bolt		M6 x 20	1		
41	36147608 (36323020)	Spring washer		M6	1		
42	36147804 (36322524)	Nut		M6 type-2	2		
43	36140001	Blind cover	383823A		2		
44	36145531	Saddle		CH-9 (Daiwa)	2		Japan
45	36147308 (58250511)	Pan head machine screw		M5 x 8	1		Japan
46	36141057	Cable (for motor)		VCT 2 x 4 L=1.75	1		Japan
47	36141056	Cable		VCT 2 x 2 L=2.5	1		Japan



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
48	36141012	Cable (for LS)		VCT1.25 mm ² x 3c 600V L=2.0	1		EXP
49	36141004	Cable		IV3.5 mm ² 600V black L=2.0	1		EXP
50	36141003	Cable		IV3.5 mm ² 600V yellow/green L=2.0	1		EXP
51	36141002	Cable		IV2.0 mm ² 600V black L=8.0	1		EXP
52	36141001	Cable		IV2.0 mm ² 600V yellow/green L=2.0	1		EXP
53	36141010	Cable		IV 1.25 mm ² 600V red	1		EXP
54	36141011	Cable		IV1.25 mm ² 600V yellow/green	1		EXP
55	36141046	Cable		IV 3.5 mm ² 600V L=6.0	1		Japan
56	36141028	Flexible tube (for motor)		PF-19 L=1.5	1		EXP
57	36004615	Code lock		NC-1	1		Japan
58	36004615	Code lock		NC-1	1		Japan
59	36140929	Connector		CSG-19	2		EXP
60	36140942	Connector collar		CC-19	2		EXP
61	36141219	Lug terminal		3.5 mm ²	30		
62	36141218	Lug terminal		2.0 mm ²	40		
63	36141217	Lug terminal		1.25 mm ²	1 set		EXP
64	36141127	Breaker lever		G-3A-K (Fuji)	1		Japan, option

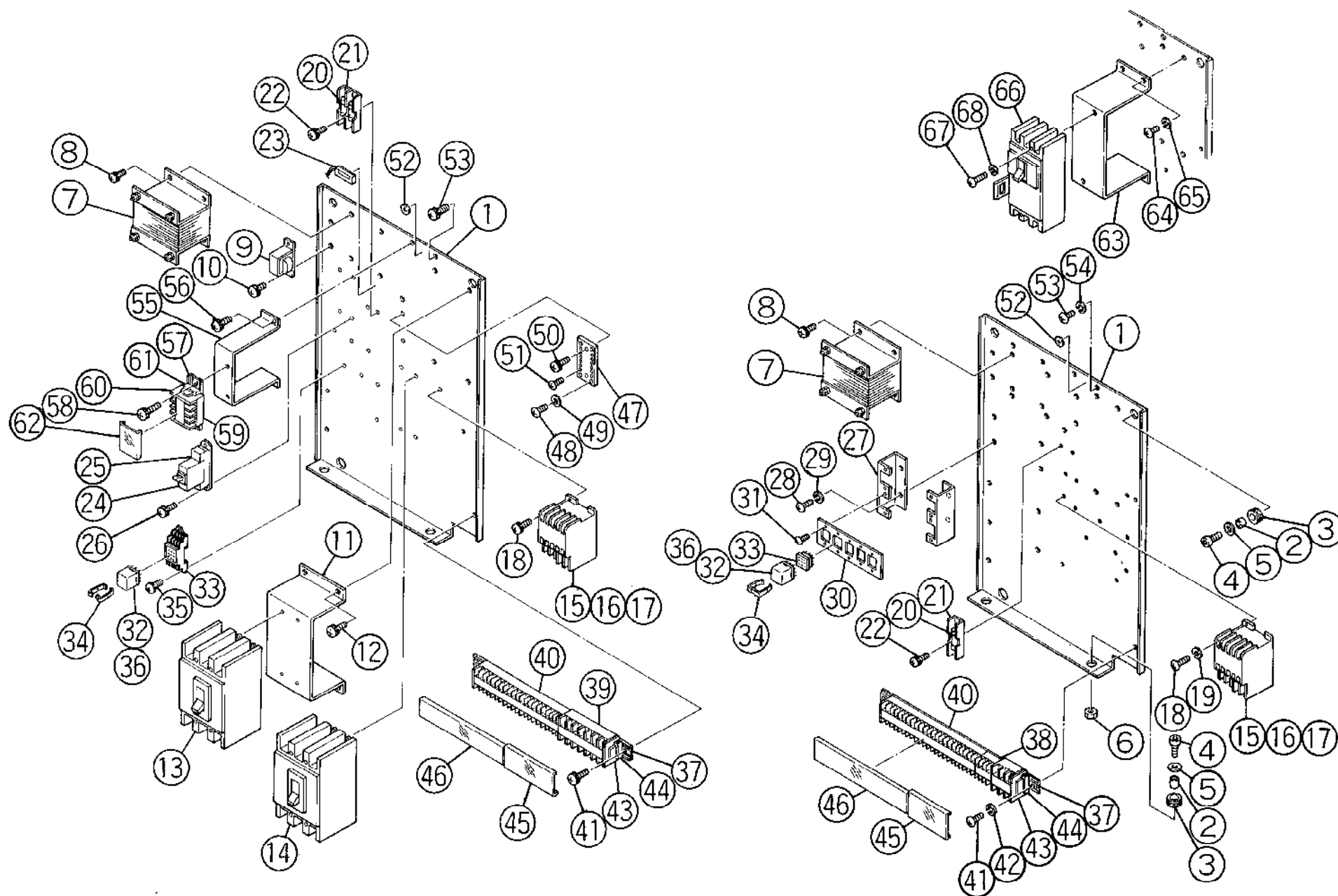


From serial No. 00355013 and after.

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Unit No. 19
Electric (2)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		Apparatus setting plate					
	36140318	(Japan)	4123964D		1		
	36140321	(EXP)	4160040		1		
2	36140117	Collar	4091581A		4		
3	36141101	Grommet		C-30-NG-79-G (Takigen)	4		
4	36147104 (74302813)	Cap screw		M6 x 12	4		
5	36147708	Washer		M8 polish	4		
6	36147804 (36322524)	Nut		M6 type-2	2		
7		Transformer					
	36140406	(Japan)		SE3-55 200VA 200-220/100-110 (Aporo)	1		
	36140408	(EXP)		APT-200VA (Aporo)	1		
8		Pan head machine screw					
	36147308 (58250511)	(Japan)		M5 x 8	4		
	36177211	(EXP)		M5 x 8 sems screw	4		
9	36140407	Transformer		TR-1	1		EXP
10	36177211	Pan head machine screw		M5 x 8 sems screw	4		EXP
11	36140230	Breaker base	4160044		1		EXP



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
12	36177211	Pan head machine screw		M5 x 8 sems screw	4		EXP
13		Circuit breaker					
	36140711	(230V)		BU-ESA3030L 480V (Fuji)	1		EXP
	36140714	(460V)		BU-ESA3015L 480V (Fuji)	1		EXP
14		Motor breaker					
	36140835	(230V)		BU-ECA3020L 240V (Fuji)	1		EXP
	36140839	(460V)		BU-ESA3015L 480V (Fuji)	1		EXP
15		Magnet switch					
	36140641	(Japan)		SRCa3931-0 AC100V 2.2 kW (Fuji)	1		
	36140603	(EXP)		SRCa3931-5-1 AC100V 2.2 kW (Fuji)	1		
16		Thermal relay					
	36140626	(EXP - 230V)		RCa3737-1C 3Φ 230V 2.2 kW (Fuji)	1		
	36140627	(EXP - 460V)		RCa3737-1C 3Φ 460V 2.2 kW (Fuji)	1		
17	36140916	Noise filter		ENB221K-14A (Fuji)	1		
18		Pan head machine screw					
	36329907	(Japan)		M4 x 20	2		
	36177206	(EXP)		M4 x 8 sems screw	2		

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
19	36147602 (44027327)	Spring washer		M4 type-2	2		Japan
20		Fuse					
	36140920	(Japan)		F-7161 2A (Sato)	1		
	36140922	(EXP - 230V)		ATM3-A6Y-2 3A 600V (GOULD)	2		
	36140921	(EXP - 460V)		ATM2-A6Y-2 2A 600V (GOULD)	2		
21		Fuse holder					
	36140919	(Japan)		F-7111 (Sato)	1		
	36140017	(EXP)		30322 (GOULD)	1		
22		Pan head machine screw					
	36147302 (74306414)	(Japan)		M4 x 8	2		
	36177206	(EXP)		M4 x 8 sems screw	2		
23	36140911	Hour meter		TM-25 (Fuji ceramic)	1		EXP
24		Circuit protector					
	36140721	(S.T.D.)		CP31E I/2.5 (Fuji)	1		EXP
	36140722	(Punch-clamp)		CP31E I/3 (Fuji)	1		EXP
25	36141403	Socket		CP-S1 (Fuji)	1		EXP
26	36177206	Pan head machine screw		M4 x 8 sems screw	2		EXP



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
27	36140125	Bracket	4095492A		2		Japan
28	36147308 (58250511)	Pan head machine screw		M5 x 8	4		Japan
29	36147604 (44027927)	Spring washer		M5 type-2	4		Japan
30	36141407	Socket setting plate		PYP-18 (OMRON)	1		Japan
31	36147301	Pan head machine screw		M3 x 6	4		Japan
32	36140901	Control relay R-31		MY4 AC100V (OMRON)	1		
33		Socket					
	36141401	(Japan)		PY14 (OMRON)	1		
	36141402 (76176440)	(EXP)		PYF14A (OMRON)	1		
34		Clip					
	36141120	(Japan)		PYC-P (OMRON)	1		
	36141123 (36183625)	(EXP)		PYC-A1 (OMRON)	1		
35	36177206	Pan head machine screw		M4 x 8 sems screw	2		EXP
36	36140906	Noise filter		Z10L221 (Ishizuka) Japan ... EXP ...	1 2		
37	36141205	Channel base		BNP 375 L (Izumi)	1		
38	36141302	Terminal		BN50 (Izumi)	7		EXP
39	36329229	Terminal		BN30 (Izumi)	7		Japan

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
40	36141301	Terminal		BN15M (Izumi)	24		
41		Pan head machine screw					
	36147311	(Japan)		M5 x 15	2		
	36177213	(EXP)		M5 x 15 sems screw	2		
42	36147604 (44027927)	Spring washer		M5 type-2	2		Japan
43		End plate					
	36140816	(Japan)		BNE30 (Izumi)	1		
	36140813	(EXP)		BNE50 (Izumi)	1		
44	36141119	Clip		BNL 3 (Izumi)	2		
45		Terminal cover					
	36141325	(Japan)		BNC32 95 L (Izumi)	1		
	36141320	(EXP)		BNC32 110 L (Izumi)	1		
46	36141316	Terminal cover		BNC22 220 L (Izumi)	1		
47	36140215	Plate (for ground)	4134094		1		EXP
48	36177211	Pan head machine screw		M5 x 8 sems screw	2		EXP
49	36147704	Washer		M5 polish	4		EXP
50	36147308 (58250511)	Pan head machine screw		M5 x 8	4		EXP



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
51	36147302 (74306414)	Pan head machine screw		M4 x 8	12		EXP
52	36140026	Sticker (ground)		AS-K Japan ... EXP ...	2 3		
53		Pan head machine screw					
	36147310 (74305017)	(Japan)		M5 x 10	1		
	36177211	(EXP)		M5 x 8 sems screw	1		
54	36147604 (44027927)	Spring washer		M5 type-2	1		Japan
55	36140328	Terminal base	4134105A		1		EXP
56	36177211	Pan head machine screw		M5 x 8 sems screw	2		EXP
57	36141201	Channel base		BNP L=112.5	1		EXP
58	36177213	Pan head machine screw		M5 x 15 sems screw	2		EXP
59	36141302	Terminal		BN 50	4		EXP
60	36140813	End plate		BNE 50	1		EXP
61	36141119	Clip		BNL 3	2		EXP
62	36141319	Terminal cover		BNC 32 L=70	1		EXP
63	36140228	Breaker base	4123966		1		Japan, option
64	36147308 (58250511)	Pan head machine screw		M5 x 8	4		Japan, option
65	36147604 (44027927)	Spring washer		M5	4		Japan, option

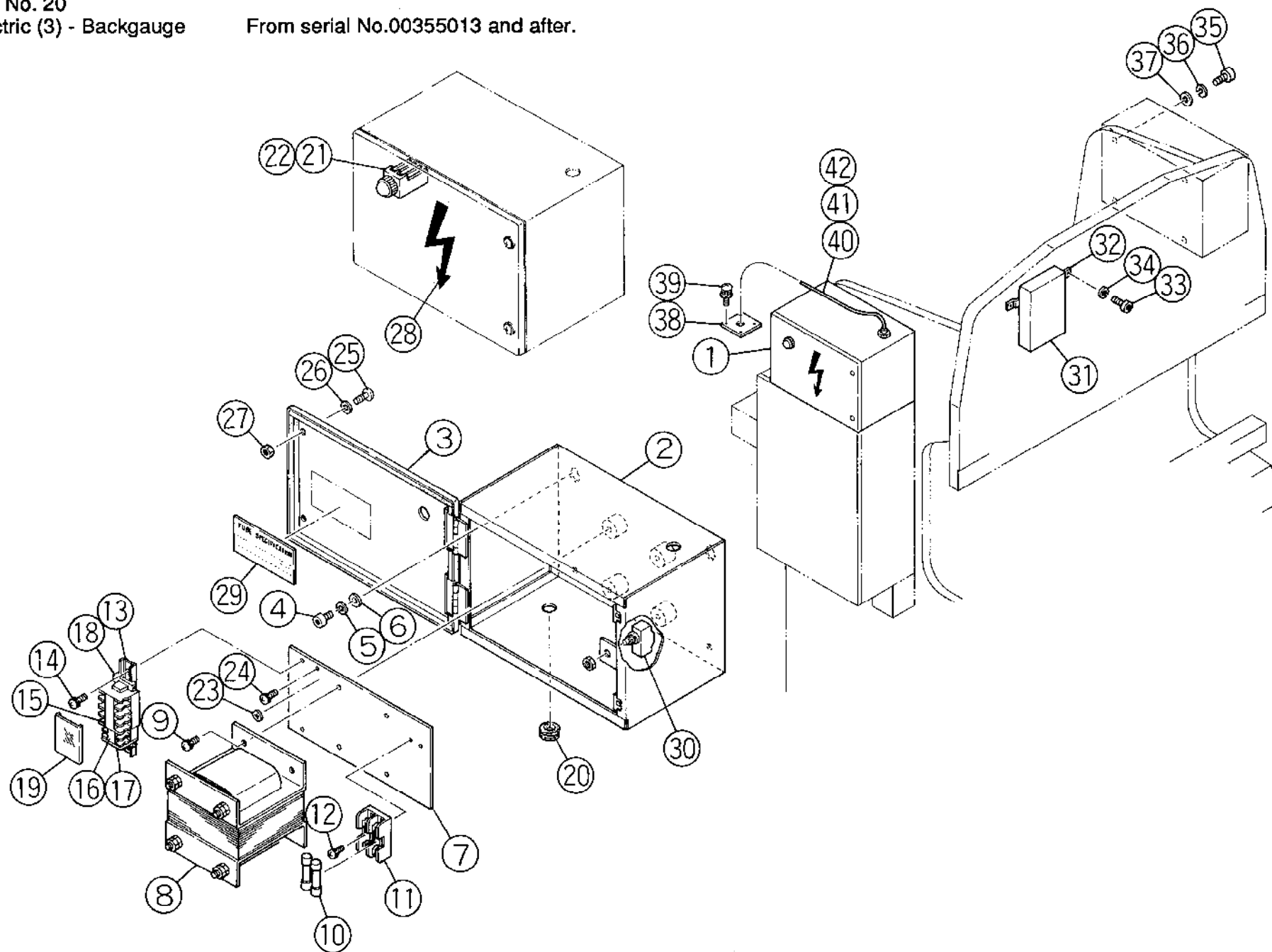


From serial No. 00355013 and after.

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Electric (3) - Backgauge

From serial No.00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		Electrical box ass'y					
	36140135	(Japan)	7927769	SD177000	1 set		
	36140136	(EXP)	4130346B		1 set		
2	36145028	Electrical box	4130372B		1		EXP
3	36140420	Rubber packing		10 x 10 x 1000 L	1		EXP
4	36147113 (36329937)	Cap screw		M8 x 10	4		EXP
5	36147609 (10001521)	Spring washer		M8	4		EXP
6	36147707 (74300511)	Washer		M8	4		EXP
7	36145119	Apparatus setting plate	4134269		1		EXP
8	36145401	Transformer		TL-SA4M-75 640VA (Aporo)	1		EXP
9	36147317	Pan head sems screw (2 pcs)		M6 x 10	4		EXP
10		Fuse					
	36145428	(for 230V)		ATM6-A6Y-2 6A (GOULD)	2		EXP
	36145429	(for 460V)		ATM3-A6Y-2 3A (GOULD)	2		EXP
11	36144001	Fuse holder		30322 (GOULD)	1		EXP
12	36177206	Pan head sems screw (2 pcs)		M4 x 8	2		EXP
13	36145824	Rail		BNP 154 L (Izumii)	1		EXP



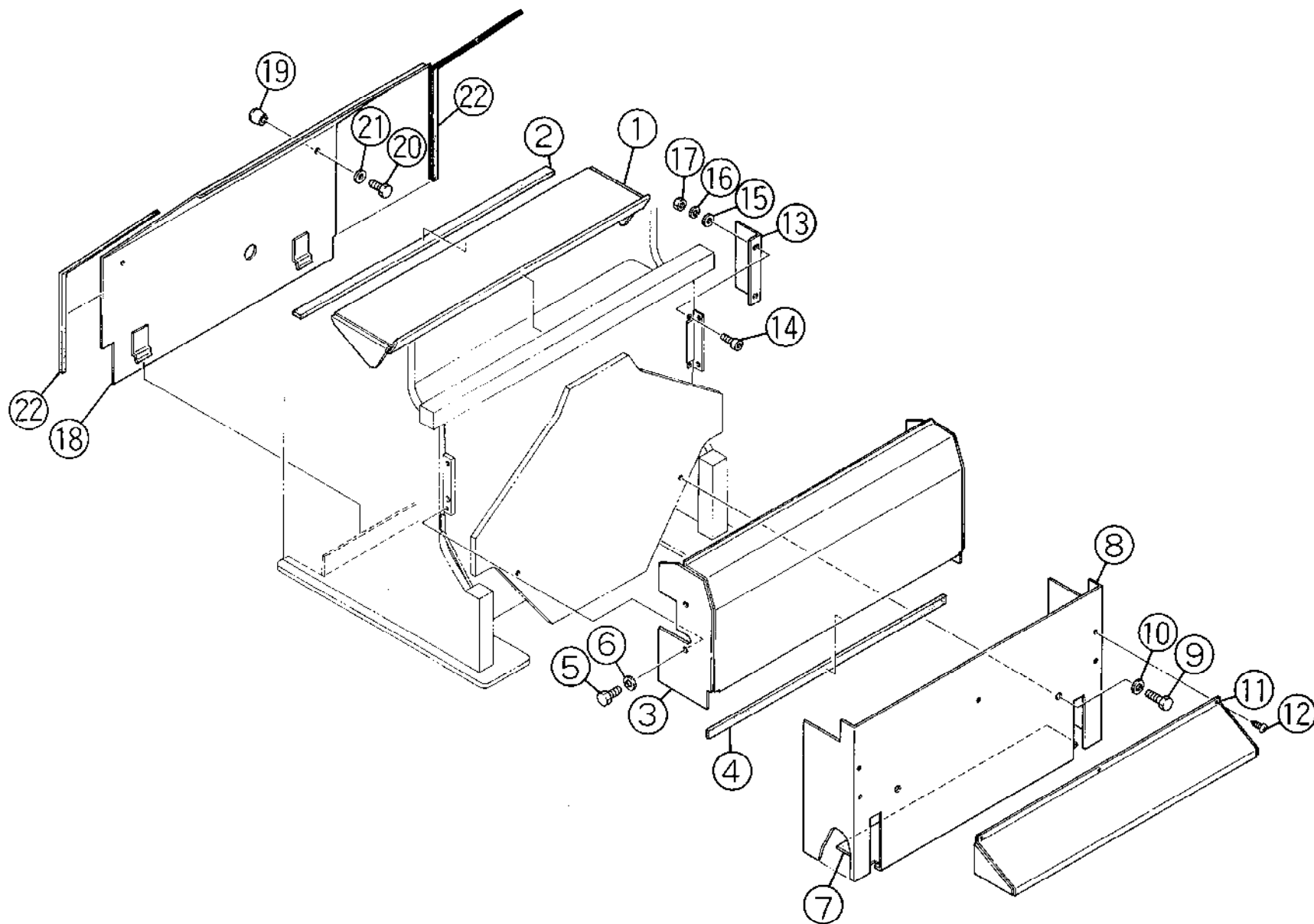
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
14	36147317	Sems screw (2 pcs)		M6 x 10	2		EXP
15	36145502	Terminal block		BN-50 (Izumi)	4		EXP
16	36145501	Terminal block		BN-15M (Izumi)	2		EXP
17	36145813	End plate		BEN-15 (Izumi)	1		EXP
18	36145831	Retainer		BNL-3 (Izumi)	2		EXP
19	36145510	Cover		BNC32 80 L (Izumi)	1		EXP
20	36145524	Grommet		SG-22A (Takigen)	1		EXP
21	36145517	Pilot light (with ring)		AH22-ZMWH AC200V black (Fuji)	1		EXP
22	36145422	Noise filter		Z10L 391	1		EXP
23	36144010	Sticker (ground)		AS-K	1		EXP
24	36147317	Sems screw (2 pcs)		M6 x 10	1		EXP
25	36144023	Screw	4095509		2		EXP
26	36147707 (74300511)	Washer		M8	2		EXP
27	36147807 (36329932)	Nut		M8 type 3	2		EXP
28	36144007	Sticker (electric)	389793		1		EXP
29	36144008	Sticker (fuse)	4134270		1		EXP
30	36145409	Limit switch		BZ-2RQ1-T4-J (Yamatake-Haneywell)	1		EXP

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
31	36145210	NC control panel	7935070		1		
32	36144320	Bracket	4129912		1		
33	36176711 (74302812)	Cap screw		M6 x 10	2		
34	36147616	Spring washer		M6 type 2	2		
35	36176722 (21415514)	Cap screw		M8 x 25	4		
36	36112645	Spring washer		M8 type 2	4		
37	36177106	Washer		M8 polish	4		
38	36144803	Plate	4134300		1		EXP
39	36147318	Pan head sems screw (3 pcs)		M6 x 8	4		EXP
40	36141035	UL flexible tube (with ground)		UA-1/2" 600 L	1		EXP
41	36145615	UL connector		5332-1/2 (T&B)	1		EXP
42	36145616	UL connector		5352-1/2 (T&B)	1		EXP





From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36142828	Upper cover	382181		1		
2	36142902	Felt	51.56615.0		1		
3	36142602	Front cover (upper)	4122430		1		
4	36142904	Felt	51.56617.0		1		
5	36147010 (44029703)	Bolt		M10 x 20	4		
6	36147711	Washer		M10 type-2	4		
7	36142701	Auxiliary cover	4120652A		1		
8	36142626	Front cover (lower)	4096411A		1		
9	36147015	Bolt		M10 x 45	2		
10	36147710 (74300512)	Washer		M10	2		
11	36142717	Pedal cover	4091218A		1		
12	36147309	Pan head machine screw		M5 x 8 type-3	5		
13	36142733	Rear cover	4125380		1		
14	36147127 (44028704)	Cap screw		M10 x 20	2		
15	36147711	Washer		M10 polish	2		
16	36147612	Spring washer		M10 type-2	2		
17	36147809 (36327621)	Nut		M10 type-2	2		



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From serial No. 00355013 and after.



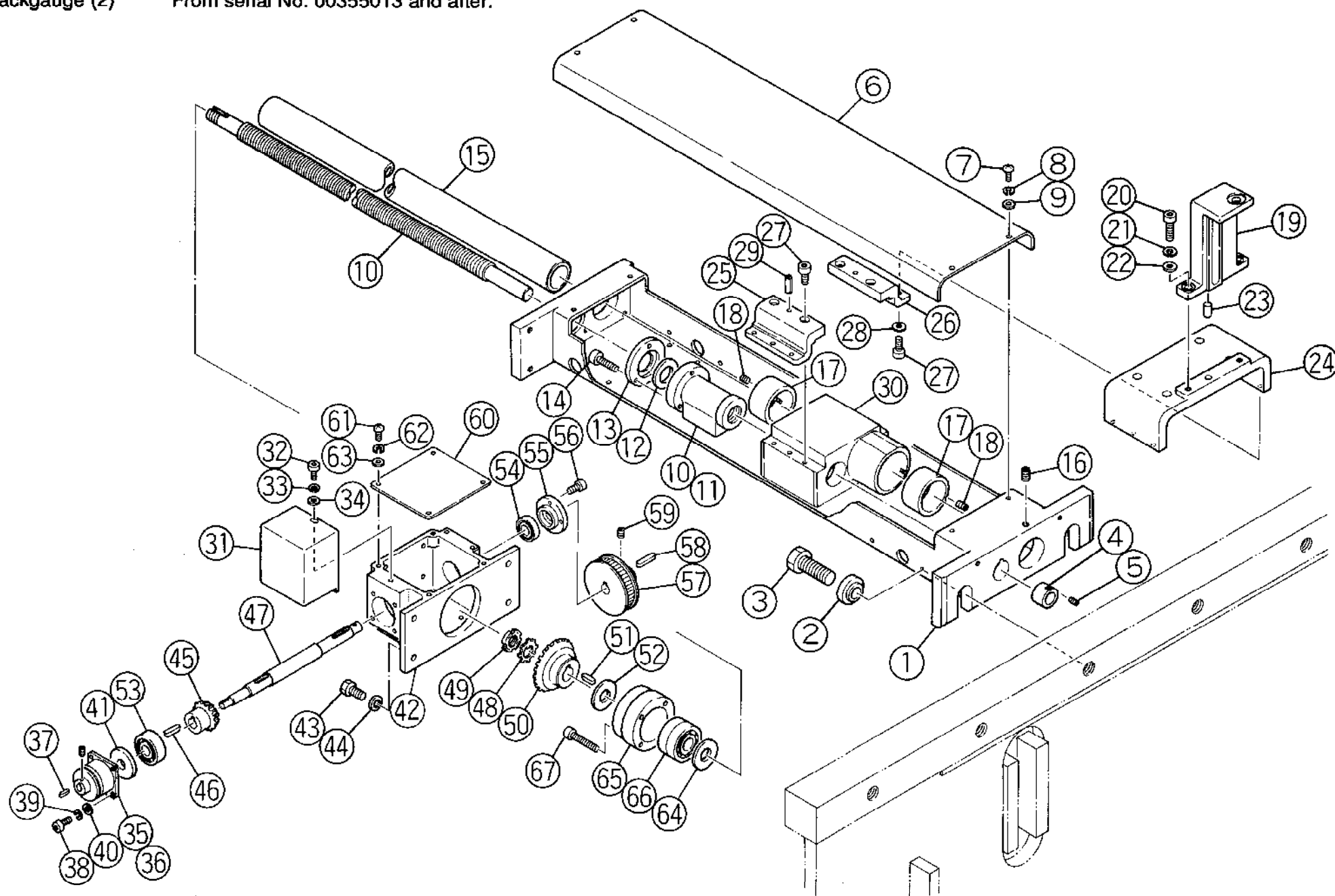
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36145201 (36002328)	Rod	571330		2		
2	36144101	Handwheel	4124910		2		
3	36144107	Bolt	4124911A		2		
4	36147907 (10565802)	Spring pin		Φ5 x 30	2		
5	36147711	Washer		M10 polish	2		
6		Scale					
	36144113	(inch)	4128704		2		EXP
	36144112	(mm)	4124912A		2		
7	36144011 (74325307)	Sticker (caution)	810649		1		
8	36147133 (74314415)	Cap screw		M10 x 50	2		
9	36147612	Spring washer		M10 type 2	2		
10	36147711	Washer		M10 polish	2		
11	36144621	Straightedge	4124965A		1		
12	36145714	Ball plunger		BP-10-L	2		



Unit No.23
Backgauge (2)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36144120	Support frame (R)	4124914F		1		
2	36145131 (36106901)	Washer	51.45037.0		2		
3	36147030 (36106815)	Bolt		M20 x 50	2		
4	36145914	Oilless metal bushing		SOB-20 x 20 (Sankyo)	1		
5	36147501 (10555821)	Set screw		M3 x 6	1		
6	36144129	Cover	4124920A		1		
7	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
8	36147603 (36181133)	Spring washer		M4 type 2	4		
9	36147702	Washer		M4 polish	4		
10	36145225	Ball screw	7937016B	25RCS10-858SR-FW (Tubakimoto)	1		
11	36145807	Seal cap		S02502 (Tubakimoto)	1		
12	36145801	Brush wiper		W02501 (Tubakimoto)	2		
13	36144523	Brush support	4124949		1		
14	36147109 (74304904)	Cap screw		M6 x 30	3		
15	36144301	Guide bar	4124921		1		
16	36147510	Set screw		M8 x 15 cup end	1		
17	36145915	Oilless metal bushing		SOB-45 x 30 (Sankyo)	2		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36147503	Set screw		M5 x 10	2		
19	36144307 (36002759)	Arm	4124922A		1		
20	36147119 (74302818)	Cap screw		M8 x 30	2		
21	36147610	Spring washer		M8 type 2	2		
22	36147708	Washer		M8 polish	2		
23	36147929	Straight pin		Φ8h7 x 15	1		
24	36144313	Saddle	4124923		1		
25	36144321	Bracket (A)	4124924A		1		
26	36144322	Bracket (B)	4124925A		1		
27	36147106	Cap screw		M6 x 15	10		
28	36147608 (36323020)	Spring washer		M6 type 2	6		
29	36147905 (10564018)	Spring pin		Φ5 x 20	2		
30	36144401	Carriage	4124926B		1		
31	36144917	Brake cover	4126643		1		
32	36147302 (74306414)	Pan head machine screw		M4 x 8	2		
33	36147603 (36181133)	Spring washer		M4 type 2	2		
34	36147702	Washer		M4 polish	2		

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
35	36145207	Electro-magnetic brake	7935029	AMB-10-01	1		
36	36145732	Bushing		MCP-5	1		
37	36145719	Key		2.5 x 2.5 x 12	1		
38	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
39	36147603 (36181133)	Spring washer		M4 type 2	4		
40	36147702	Washer		M4 polish	4		
41	36144407	Collar	4124928		1		
42	36144415	Gear case (R)	4124930A		1		
43	36147006 (37014514)	Bolt		M8 x 20	4		
44	36147610	Spring washer		M8 type 2	4		
45	36144423	Bevel gear	4124931A		1		
46	36145722	Key		5 x 5 x 25 double round end	1		
47	36144431	Shaft	4124932A		1		
48	36145923 (44554105)	Crown washer		AW-04	1		
49	36145922 (58135316)	Crown nut		AN-04	1		
50	36144424	Bevel gear	4124933B		1		
51	36145721	Key		5 x 5 x 20 double round end	1		



From serial No. 00355013 and after.

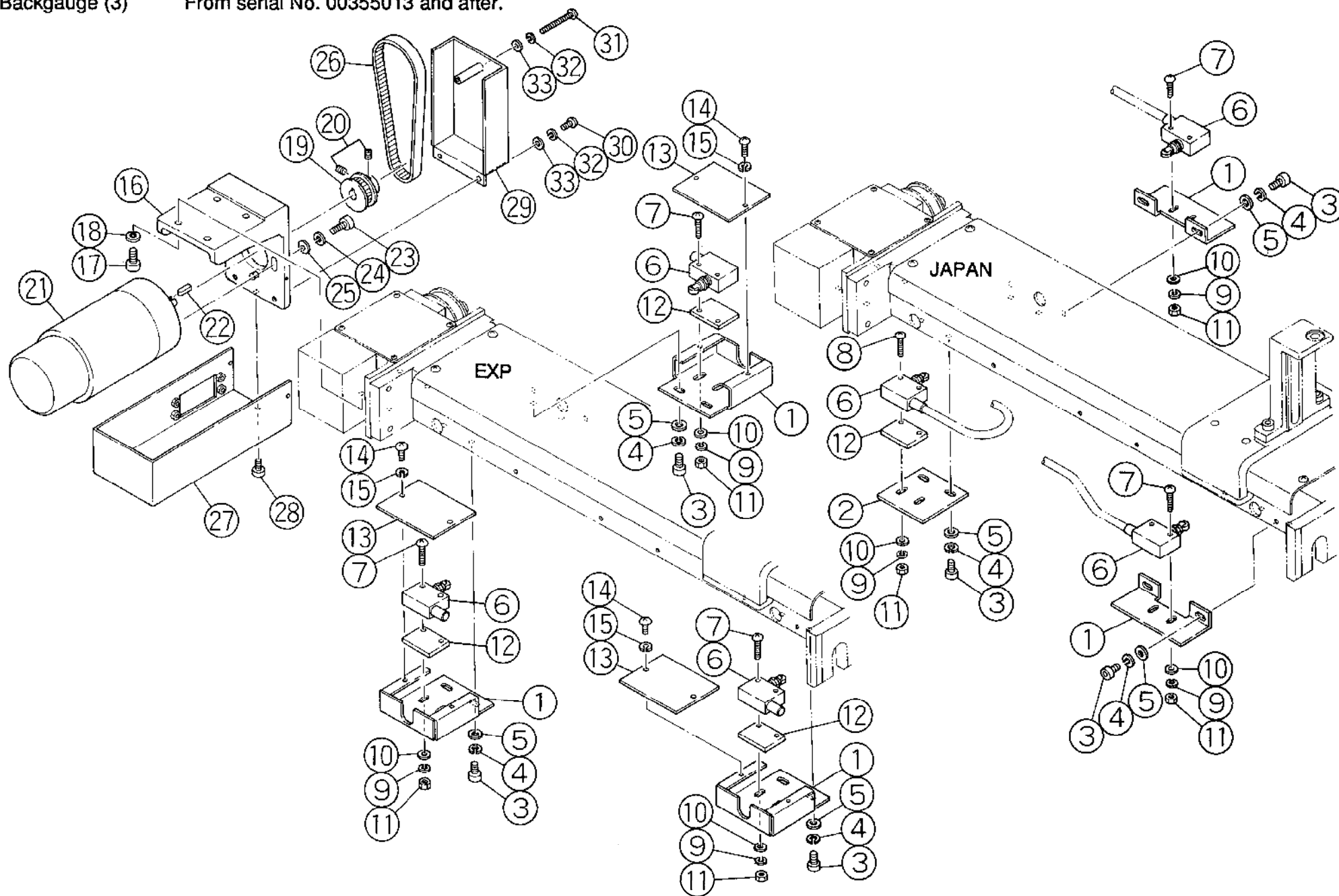
Unit No. **23**
Backgauge (2)

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
52	36144909	Spacer	4125547		1		
53	36145703 (73158333)	Ball bearing		#6302ZZ (NTN)	1		
54	36145701 (10317503)	Ball bearing		#6002ZZ (NTN)	1		
55	36144501	Flange	4124934		1		
56	36147106 (74300604)	Cap screw		M6 x 15	4		
57	36144509	Pulley	4124935		1		
58	36145723	Key		5 x 5 x 30 double round end	1		
59	36147504 (74305504)	Set screw		M6 x 6	1		
60	36144130	Cover	4124936		1		
61	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
62	36147603 (36181133)	Spring washer		M4 type 2	4		
63	36147702	Washer		M4 polish	4		
64	36144408	Collar	4124939		1		
65	36144517	Bearing case	4124940A		1		
66	36145704	Ball bearing		7304CDB-GNP4 (NTN)	1		
67	36147111 (10310362)	Cap screw		M6 x 45	4		



Unit No. 24
Backgauge (3)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		LS setting plate					
	36145102 (38125920)	(Japan)	4126634		2		
	36145101	(EXP)	4134232A		3		
2	36145103	LS setting plate	4126642		1		Japan
3	36147103 (74302812)	Cap screw		M6 x 10	6		
4	36147608 (36323020)	Spring washer		M6 type 2	6		
5	36147706	Washer		M6 polish	6		
6	36145408 (36180620)	Limit switch		SL1-A (Haneywell)	3		
7		Pan head machine screw					
	36112636 (10357029)	(Japan)		M4 x 30	4		
	36147316	(EXP)		M4 x 45	6		
8	36147316	Pan head machine screw		M4 x 45	2		Japan
9	36147603 (36181133)	Spring washer		M4 type 2	6		
10	36147702	Washer		M4 polish	6		
11	36147801 (36181134)	Nut		M4 type 2	6		
12	36144910	Spacer	4134417	Japan ... EXP ...	1 3		
13	36145107	LS cover	4134233		3		EXP



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
14	36147308 (58250511)	Pan head machine screw		M5 x 8	6		EXP
15	36147606 (36329924)	Spring washer		M5 type 2	6		EXP
16		Motor bracket					
	36145114 (36002737)	(Japan)	4124937		1		
	36145113	(EXP)	4134251		1		
17	36147108 (74302815)	Cap screw		M6 x 20	4		
18	36147608 (36323020)	Spring washer		M6 type 2	4		
19	36144510	Pulley	4124938		1		
20	36147502	Set screw		M4 x 4	2		
21		Motor					
	36145214	(Japan)		DC-150W with encoder (Nituki)	1		
	36145213	(EXP)	7935070	(Nituki)	1		
22	36145720	Key		4 x 4 x 20 single round end	1		
23	36147108 (74302815)	Cap screw		M6 x 20	4		
24	36147608 (36323020)	Spring washer		M6 type 2	4		
25	36147705 (44027930)	Washer		M6	4		
26	36145901	Timing belt		187L050 (Mituboshi)	1		

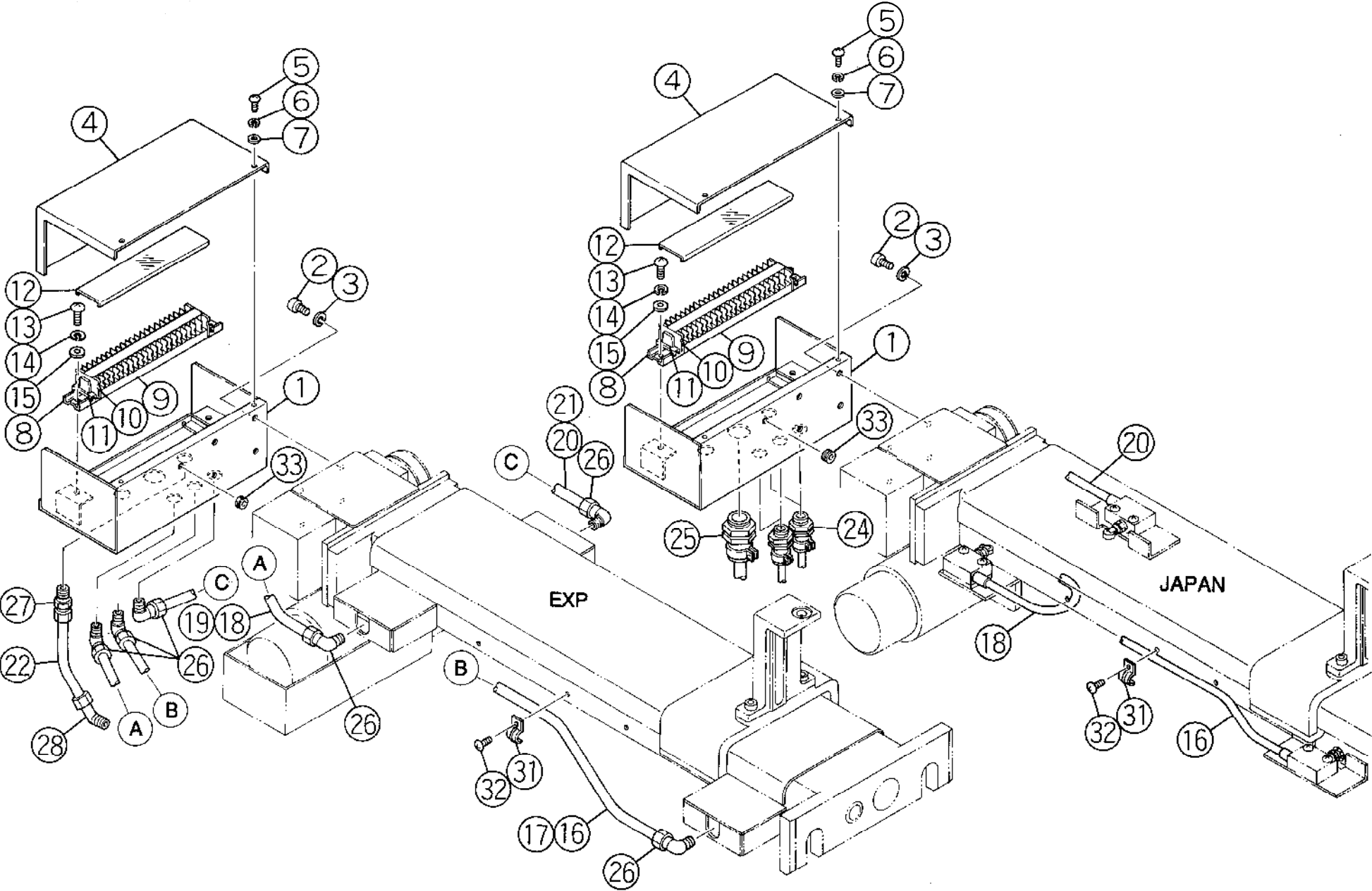
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
27	36145108	Motor cover	4134244		1		EXP
28	36176706 (74302810)	Cap screw		M5 x 10	3		EXP
29	36144133	Cover	4124948		1		
30	36147302 (74306414)	Pan head machine screw		M4 x 8	2		
31	36147305	Pan head machine screw		M4 x 50	1		
32	36147603 (36181133)	Spring washer		M4 type 2	3		
33	36147702	Washer		M4 polish	3		



Unit No . 25
Backgauge (4)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1		Terminal box					
	36145033	(Japan)	4124941C		1		
	36145034	(EXP)	4130347A		1		
2	36147106 (74300604)	Cap screw		M6 x 15	4		
3	36147608 (36323020)	Spring washer		M6 type 2	4		
4	36144132	Cover	4124947B		1		
5	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
6	36147603 (36181133)	Spring washer		M4 type 2	4		
7	36147702	Washer		M4 polish	4		
8	36145825	Rail		BNP 253.5 L (Izumi)	1		
9	36145501	Terminal block		BN-15M (Izumi)	22		
10	36145813	End plate		BNE-15 (Izumi)	1		
11	36145831	Retainer		BNL-3 (Izumi)	2		
12	36145509	Terminal cover		BNC22 180 L (Izumi)	1		
13	36147315	Pan head machine screw		M6 x 15	2		
14	36147608 (36323020)	Spring washer		M6 type 2	2		
15	36147706	Washer		M6 polish	2		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
16		Cable (-OT)					
	36145645	(Japan)		1.25 mm ² 2-core 800 L	1		
	36145602	(EXP)		KIV 1.25 mm ² 600V blue	1		
17	36145640	Flexible tube		UA-3/8" 780 L with UL earth (Anamet)	1		EXP
18		Cable (+OT)					
	36145646	(Japan)		1.25 mm ² 2-core 500 L	1		
	36145602	(EXP)		KIV 1.25 mm ² 600V blue	1		
19	36145638	Flexible tube		UA-3/8" 300 L with UL earth (Anamet)	1		EXP
20		Cable (origin)					
	36145647	(Japan)		1.25 mm ² 2-core	1		
	36145602	(EXP)		KIV 1.25 mm ² 600V blue	1		
21	36145639	Flexible tube		UA-3/8" 500 L with UL earth (Anamet)	1		EXP
22	36145632	Flexible tube (motor)		UA-3/8" 500 L	1		EXP
23	36145631	Flexible tube (E. box - T. box)		UA-1/2" 4000 L	1		EXP
24	36145655 (36004615)	Code lock		NC-1	7		Japan
25	36145656 (74308127)	Code lock		NC-2	1		Japan
26	36145618	UL connector		5351-3/8" 90° (T&B)	6		EXP

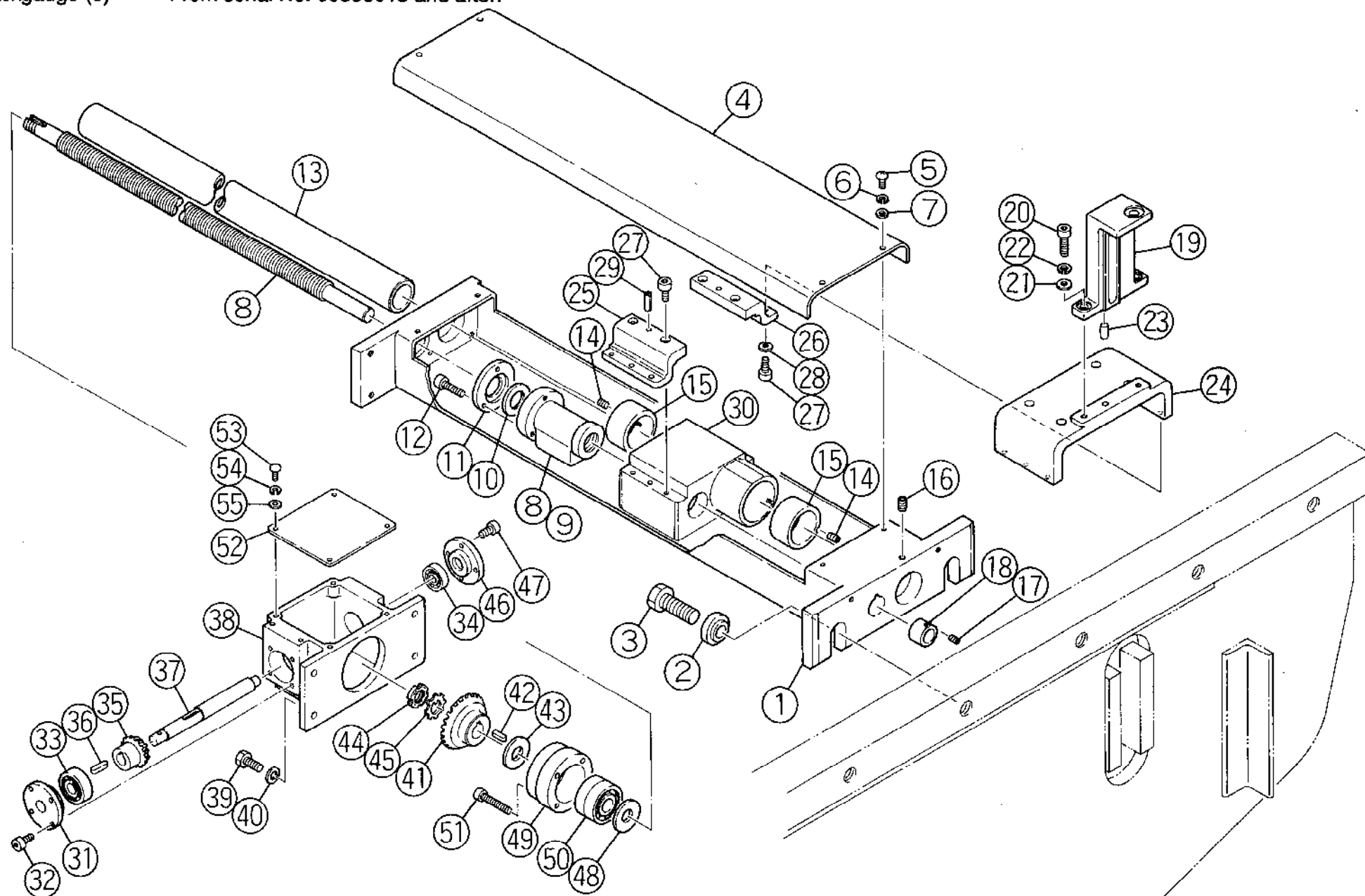
From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
27	36145614	UL connector		5331-3/8" straight (T&B)	1		EXP
28	36145617	UL connector		5341-3/8" 45° (T&B)	1		EXP
29	36145615	UL connector		5332-1/2" straight (T&B)	2		EXP
30	36145416	Diode		1BZ-61 (Toshiba)	1		
31	36145531	Single saddle		CH-9 (Daiwa)	2		
32	36147308 (58250511)	Pan head machine screw		M5 x 8	2		
33	36145523	Grommet		NG-79A (Takigen)	1		
34	36145641	Flexible tube		NPF-13 4000 L (Daiwa)	1		Japan
35	36145613 (44132729)	Connector		CSG-13 (Daiwa)	2		Japan
36	36145619 (10336859)	Collar		CC-13 (Daiwa)	2		Japan
37	36145532 (37117916)	Single saddle		CH-13 (Daiwa)	7		
38	36147308 (58250511)	Pan head machine screw		M5 x 8	7		
39	36145601	Cable		KIV 1.25 mm ² 600V 4500 L black	2		
40	36145603	Cable		KIV 1.25 mm ² 600V 4500 L green	1		
41	36145602	Cable		KIV 1.25 mm ² Japan ... 600V 4500 L blue EXP ...	5 1		



Unit No. 26
Backgauge (5)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36144121	Support frame (L)	4124951		1		
2	36145131 (36106901)	Washer	51.45037.0		2		
3	36147030 (36106815)	Bolt		M20 x 50	2		
4	36144128	Cover	4124920		1		
5	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
6	36147602 (44027327)	Spring washer		M4	4		
7	36147701 (74300510)	Washer		M4	4		
8	36145225	Ball screw	7937016B	25RCS10-858SR-FW (Tubakimoto)	1		
9	36145807	Seal cap		SO2502 (Hashimoto)	1		
10	36145801	Brush wiper		W02501 (Hashimoto)	2		
11	36144523	Brush support	4124949		1		
12	36147109	Cap screw		M6 x 30	3		
13	36144301	Guide bar	4124921		1		
14	36147503	Set screw		M5 x 10	2		
15	36145915	Oilless metal bushing		SOB-45 x 30 (Sankyo)	2		
16	36147510	Set screw		M8 x 15 cup end	1		
17	36147501 (10555821)	Set screw		M3 x 6	1		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36145914	Oilless metal bushing		SOB-20 x 20 (Sankyo)	1		
19	36144307	Arm	4124922A		1		
20	36147119 (74302818)	Cap screw		M8 x 30	2		
21	36147708	Washer		M8 polish	2		
22	36147609 (10001521)	Spring washer		M8	2		
23	36147929	Straight pin		Φ8h7 x 15 L	1		
24	36144313	Saddle	4124923		1		
25	36144321	Bracket (A)	4124924A		1		
26	36144322	Bracket (B)	4124925A		1		
27	36147106 (74300604)	Cap screw		M6 x 15	10		
28	36147607 (44027928)	Spring washer		M6	6		
29	36147905 (10564018)	Spring pin		Φ5 x 20	2		
30	36144401	Carriage	4124926B		1		
31	36144502	Flange	4124954		1		
32	36147106 (74300604)	Cap screw		M6 x 15	4		
33	36145703 (73158333)	Ball bearing		#6302ZZ (NTN)	1		
34	36145702 (10312824)	Ball bearing		#6201ZZ (NTN)	1		

From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
35	36144423	Bevel gear	4124931A		1		
36	36145722	Key		5 x 5 x 25 double round end	1		
37	36144432	Shaft	4124955A		1		
38	36144416	Gear case (L)	4124953A		1		
39	36147006 (37014514)	Bolt		M8 x 20	4		
40	36147609 (10001521)	Spring washer		M8	4		
41	36144424	Bevel gear	4124933B		1		
42	36145721	Key		5 x 5 x 20 double round end	1		
43	36144909	Spacer	4125547		1		
44	36145922 (58135316)	Crown nut		AN-04	1		
45	36145923 (44554105)	Crown washer		AW-04	1		
46	36144529	Cap	4124956		1		
47	36147106 (74300604)	Cap screw		M6 x 15	4		
48	36144408	Collar	4124939		1		
49	36144517	Bearing case	4124940A		1		
50	36145704	Ball bearing		7304CDB-GNP4 (NTN)	1		
51	36147111 (10310362)	Cap screw		M6 x 45	4		

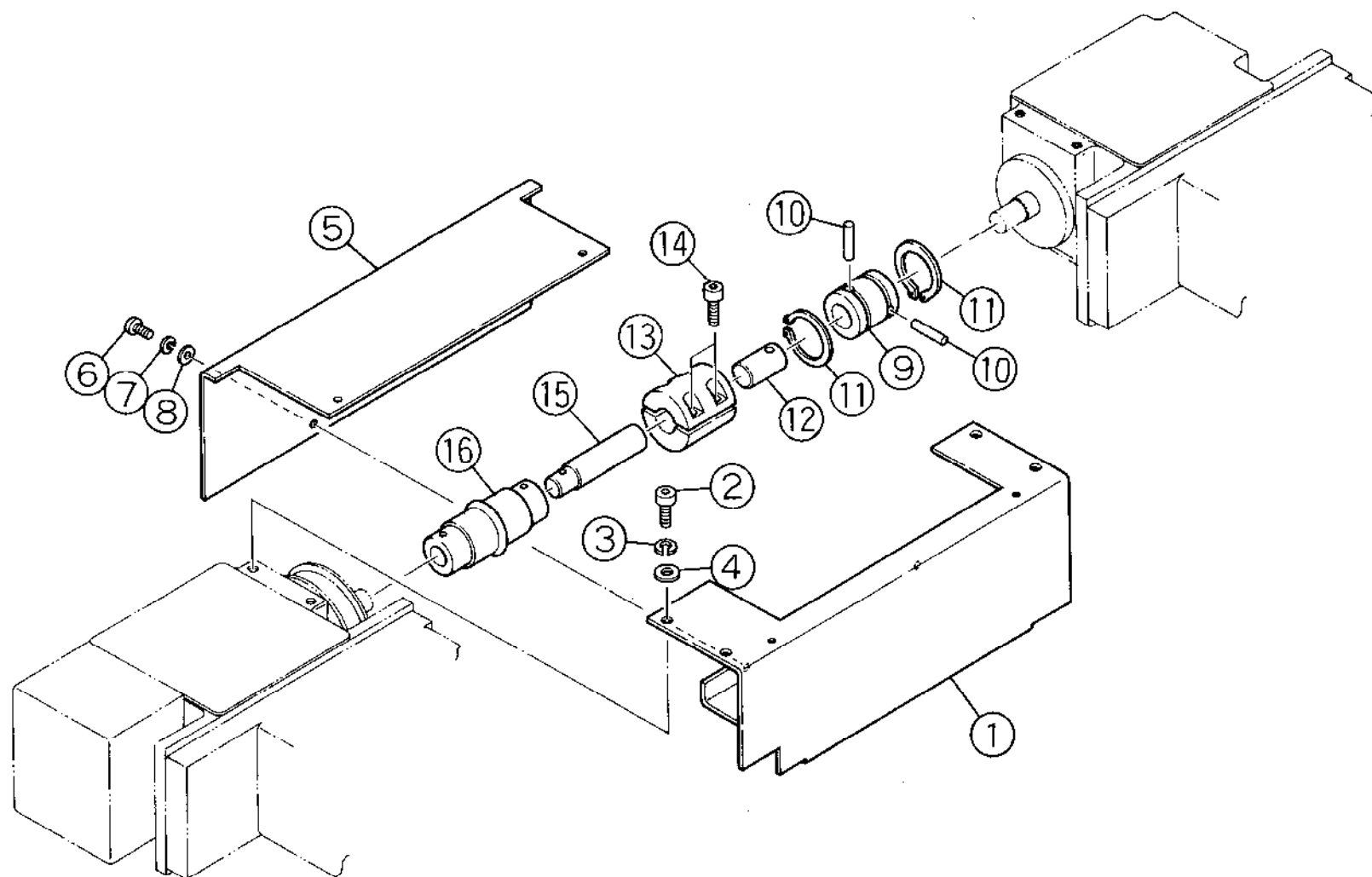


From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
52	36144130	Cover	4124936		1		
53	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
54	36147602 (44027327)	Spring washer		M4	4		
55	36147701 (74300510)	Washer		M4	4		

Unit No. 27
Backgauge (6)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

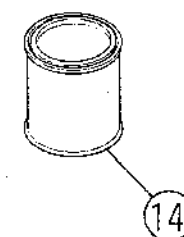
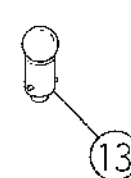
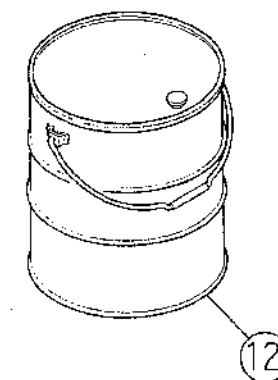
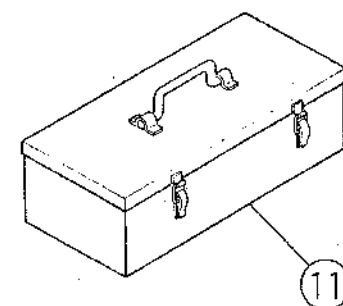
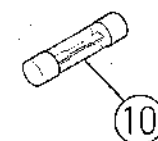
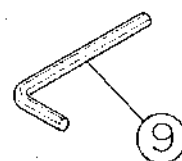
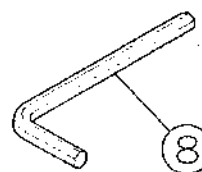
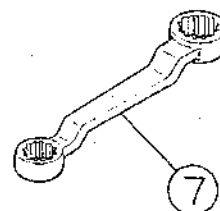
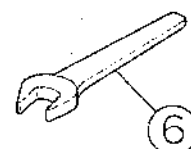
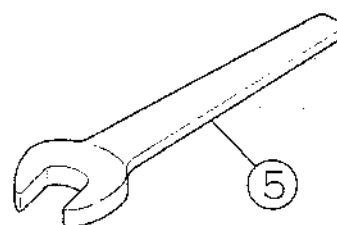
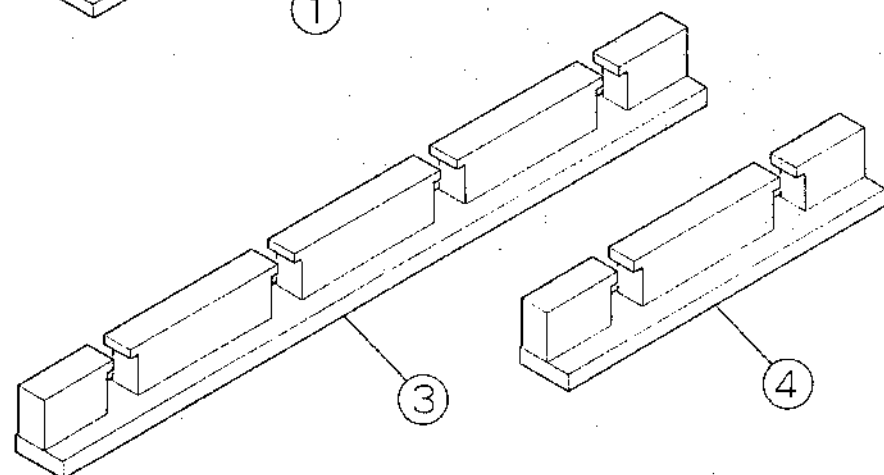
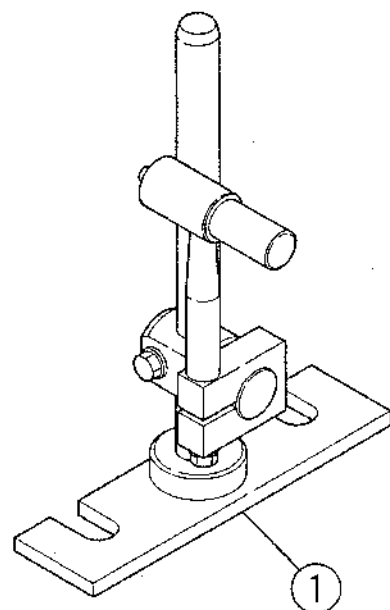
Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36144201	Cover (A)	4124975A		1		
2	36147104 (74302813)	Cap screw		M6 x 12	4		
3	36147608 (36323020)	Spring washer		M6 type 2	4		
4	36147705 (44027930)	Washer		M6	4		
5	36144221	Cover (B)	4124980		1		
6	36147302 (74306414)	Pan head machine screw		M4 x 8	4		
7	36147603 (36181133)	Spring washer		M4 type 2	4		
8	36147702	Washer		M4 polish	4		
9	36144831	Connector	4125388		1		
10	36147928	Straight pin		Φ5m6 x 25 A-type	2		
11	36147733 (10423731)	Snap ring		STW-30	2		
12	36144901	Pin	4125389		1		
13	36144721	Coupling	4124987		1		
14	36147108 (74302815)	Cap screw		M6 x 20	4		
15	36144433	Shaft	4124988A		1		
16	36145819	Joint		TBJ14DB (NTN)	1		



Unit No. 28

Standard accessories

From serial No. 00255934 and after.



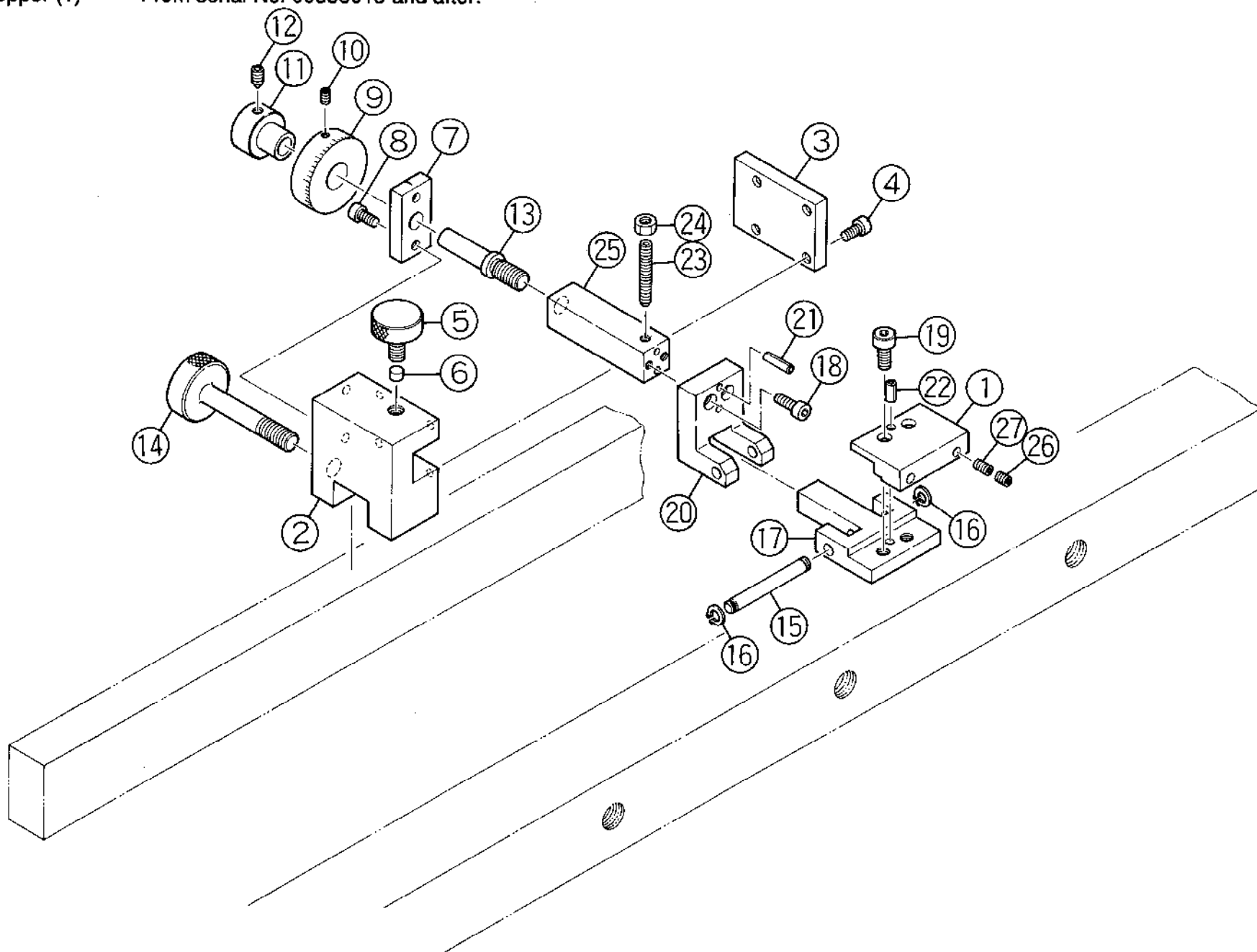
From serial No. 00255934 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36120201	Stopper setting plate	57.80000.0		4		
3	36120215	Die holder	380860C	H=75 L=830	2		
4	36120216	Die holder	380865C	H=75 L=412	1		
5	36143601 (61170214)	Single-end wrench		30	1		
6	36143605	Single-end wrench		13	2		
7	36143609	45° double offset box wrench		14 x 17	1		
8	36143613 (73117607)	Allen wrench		8	2		
9	36143614 (73117605)	Allen wrench		5	1		
10	36143619	Fuse		1A	1		Japan
11	36143629	Tool box		330 x 150 x 100	1		
12		Hydraulic oil		20 L	3		
13	36143620	Bulb for pilot lamp		LS-6 6.3V 1W (Izumi)	2		EXP
14	36143624	Touch paint			0.5 L		EXP



Unit No. 29
Work stopper (1)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36145013	Stopper	4128009		1		
2	36144733	Support (R)	4125080C		1		
3	36144801	Plate	4125081A		1		
4	36147103 (74302812)	Cap screw		M6 x 10	4		
5	36144024	Screw	4125082		1		
6	36144817	Piece	4125083		1		
7	36144804	Plate	4501058		1		
8	36147103 (74302812)	Cap screw		M6 x 10	2		
9	36145125	Dial	4501057		1		
10	36147513	Set screw		M5 x 6 dog end	1		
11	36144823	Knob	4125086		1		
12	36147505 (36323029)	Set screw		M6 x 10 cone end	1		
13	36144025	Screw	4501056		1		
14	36144824	Knob	4125088A		1		
15	36144902	Pin	4128014		1		
16	36147729 (10314125)	Snap ring		STW8	2		
17	36144802	Plate	4128013		1		



From serial No. 00355013 and after.

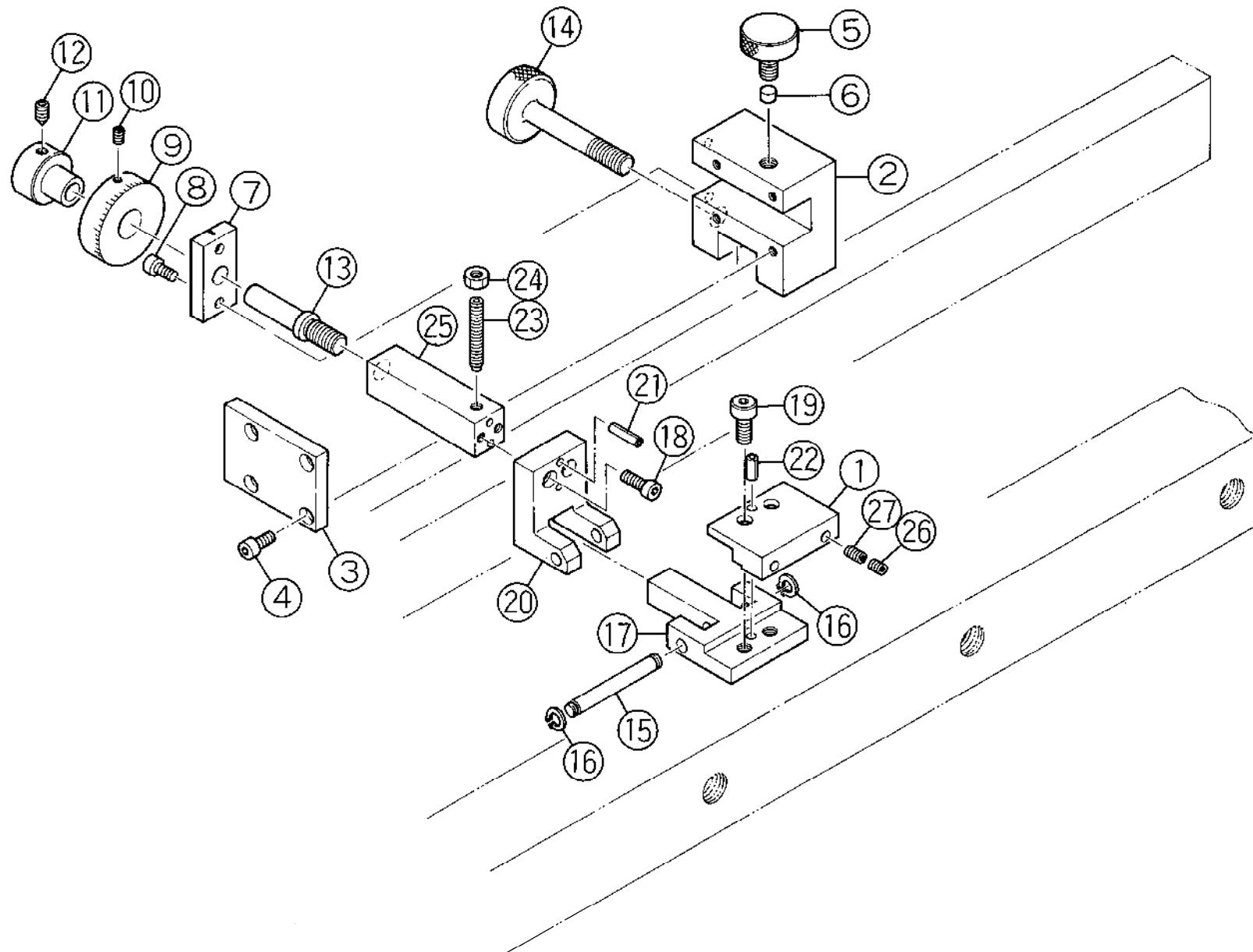
Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36147107	Cap screw		M6 x 16 lockwell (UNBRAKO)	2		
19	36147116	Cap screw		M8 x 16 lockwell (UNBRAKO)	2		
20	36145001	Angle	4127440		1		
21	36147905 (10564018)	Spring pin		φ5 x 20	2		
22	36147908	Spring pin		φ6 x 12	1		
23	36147515	Set screw		M6 x 45 dog end	1		
24	36147803	Nut		M6 type 1	1		
25	36145007	Bar	4127441B		1		
26	36147514	Set screw		M6 x 6 dog end	2		
27	36147526	Set screw		M6 x 12 lockwell (UNBRAKO)	2		



Unit No. 30

Work stopper (2)

From serial No. 00355013 and after.



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
1	36145013	Stopper	4128009		1		
2	36144734	Support (L)	4125089C		1		
3	36144801	Plate	4125081A		1		
4	36147103 (74302812)	Cap screw		M6 x 10	4		
5	36144024	Screw	4125082		1		
6	36144817	Piece	4125083		1		
7	36144804	Plate	4501058		1		
8	36147103 (74302812)	Cap screw		M6 x 10	2		
9	36145125	Dial	4501057		1		
10	36147513	Set screw		M5 x 6 dog end	1		
11	36144823	Knob	4125086		1		
12	36147505 (36323029)	Set screw		M6 x 10 cone end	1		
13	36144025	Screw	4501056		1		
14	36144824	Knob	4125088A		1		
15	36144902	Pin	4128014		1		
16	36147729 (10314125)	Snap ring		STW8	2		
17	36144802	Plate	4128013		1		



From serial No. 00355013 and after.

Index No.	Parts No.	Parts Name	Drawing No.	Type (Maker)	Q'ty	Parts No.	Note
18	36147107	Cap screw		M6 x 16 lockwell (UNBRAKO)	2		
19	36147116	Cap screw		M8 x 16 lockwell (UNBRAKO)	2		
20	36145001	Angle	4127440		1		
21	36147905 (10564018)	Spring pin		Φ5 x 20	2		
22	36147908	Spring pin		Φ6 x 12	1		
23	36147515	Set screw		M6 x 45 dog end	1		
24	36147803	Nut		M6 type 1	1		
25	36145007	Bar	4127441B		1		
26	36147514	Set screw		M6 x 6 dog end	2		
27	36147526	Set screw		M6 x 12 knurl end lockwell (UNBRAKO)	2		

SPARE PARTS SET

The following is a list of parts frequently consumed during operation of the machine. We suggest you keep a supply of these expendables in reserve.

Contents of Spare Parts Set

Unit No.	Index No.	Parts name	Drawing No. or Type	Qty	
				STD	AUTO B/G
01	10	Pressure gauge	7936064A	1	1
03	5	Limit switch	BZ-ZRS55-T4-J	1	1
07	29	Pressure spring	4044547A	1	1
08	18	Tension spring	51.44099.0	2	2
10	14	Pressure spring	4091690	1	1
11	9, 16	Cap screw	M10 x 35	12	12
11	18	Cap screw	560435B	6	6
12	7	Tension spring	4041232	1	1
14	6	O-ring	1AP18	1	1
14	8	Pressure spring	50.440153.1	1	1
14	31	Limit switch	1LS19-J	1	1
16	3	O-ring	1BP18	1	1
16	4	O-ring	1BP26	1	1
16	7	Rubber hose	H103EC03NPF L=700	1	1
19	15	Magnet switch	SRC3931-5-1 coil 100V/200V 2.2 kW	1	1
19	32	Control relay	MY4 AC100V	1	1
24	6	Limit switch	SL1-A	—	2
24	21	Motor	7935070	—	1
28	13	Bulb for pilot lamp	LS-6 6.3V 1W	2	2

