

Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

MODEL **BEMR-YN**
BEMS-YN
BEMX-YN

PARTS LIST

BARUDAN CO., LTD.

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CABLE BARUNA ICHINOMIYA

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HIGH SPEED AUTOMATIC EMBROIDERY
MACHINE PARTS LIST

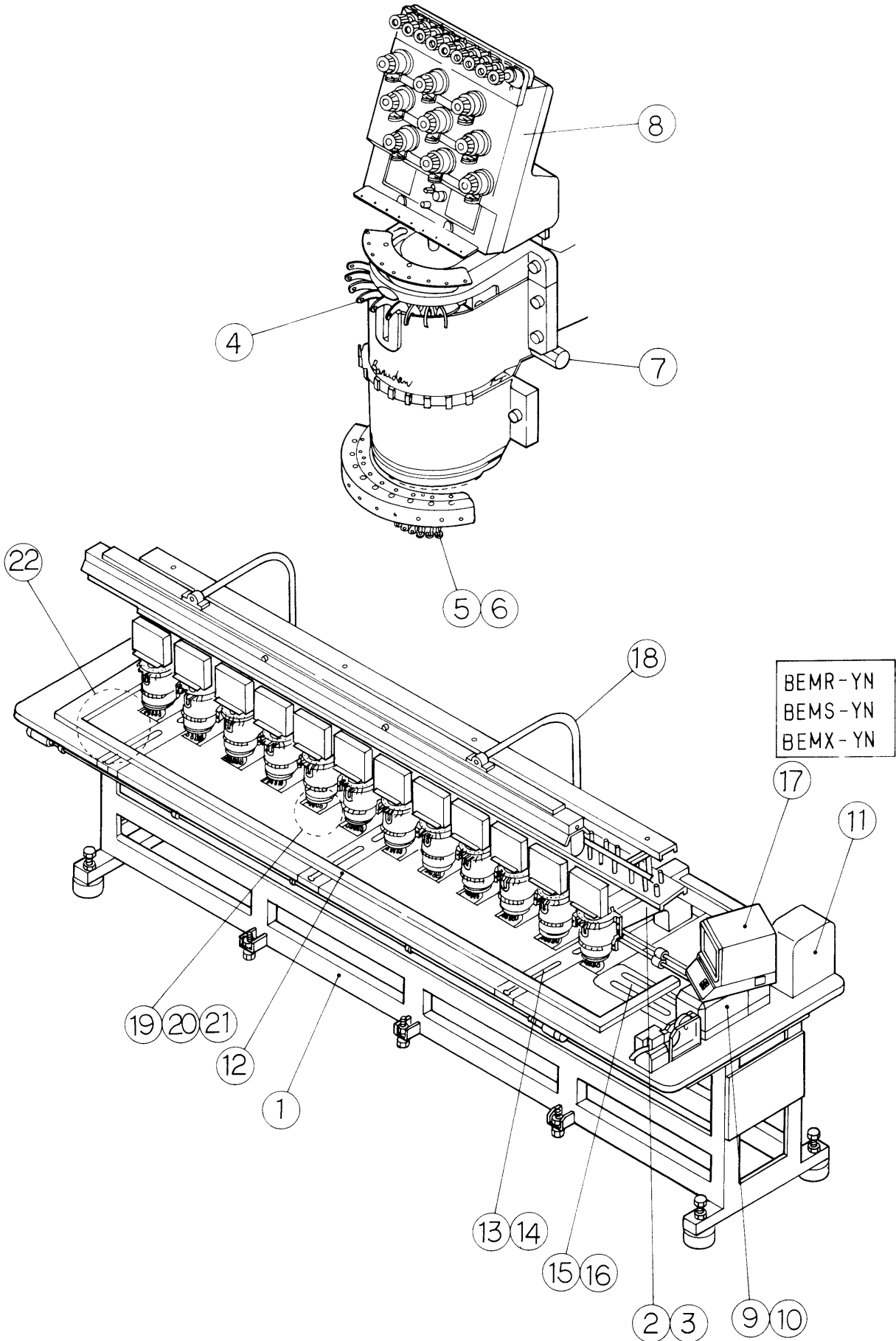
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Please specify, in the following manner, your machine model, manufacturing number and embroidery space when you order us with the parts having ※ at the end of the part No.:

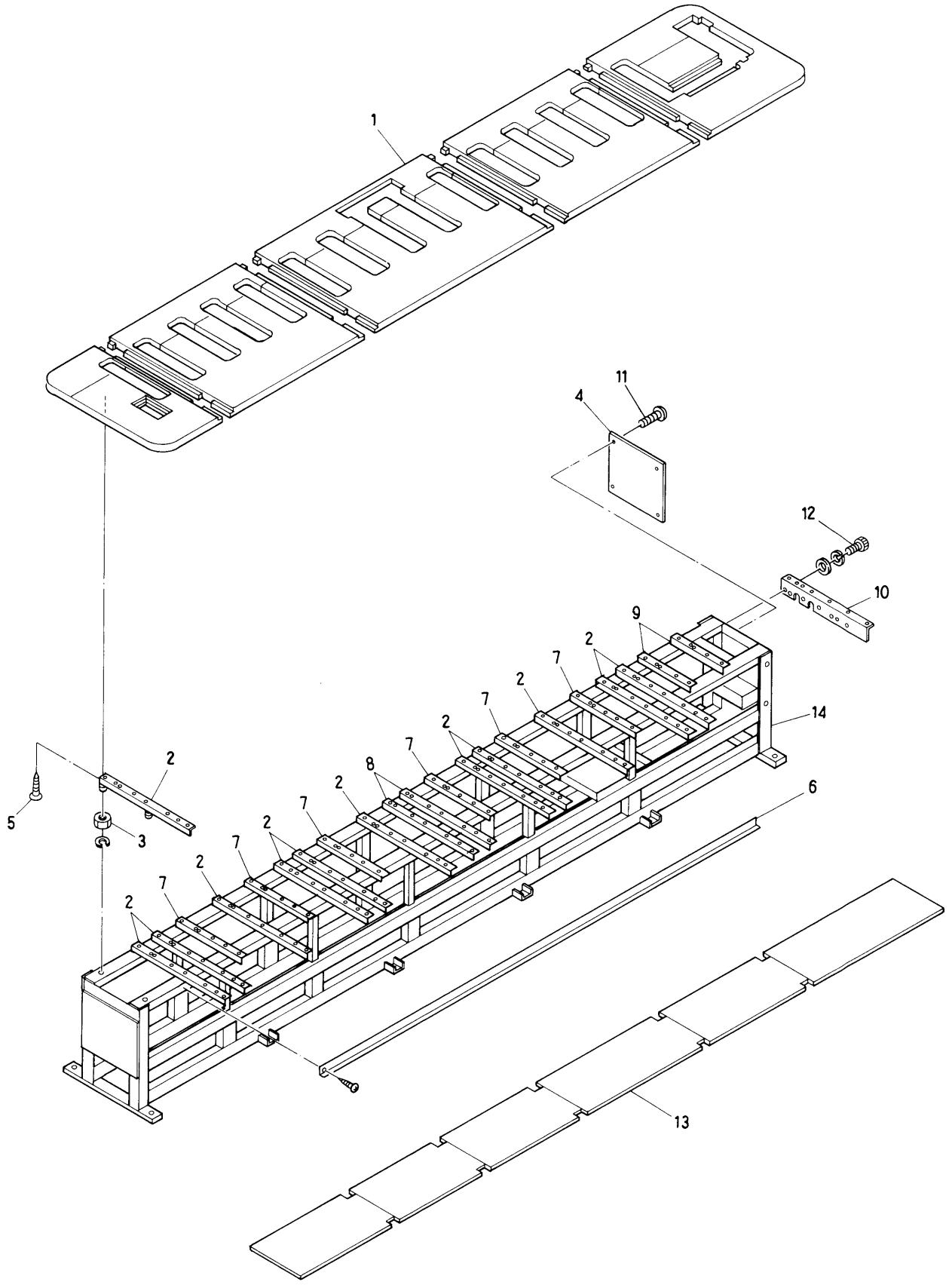
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Machine layout (BEMR-YN
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BEMX-YN)

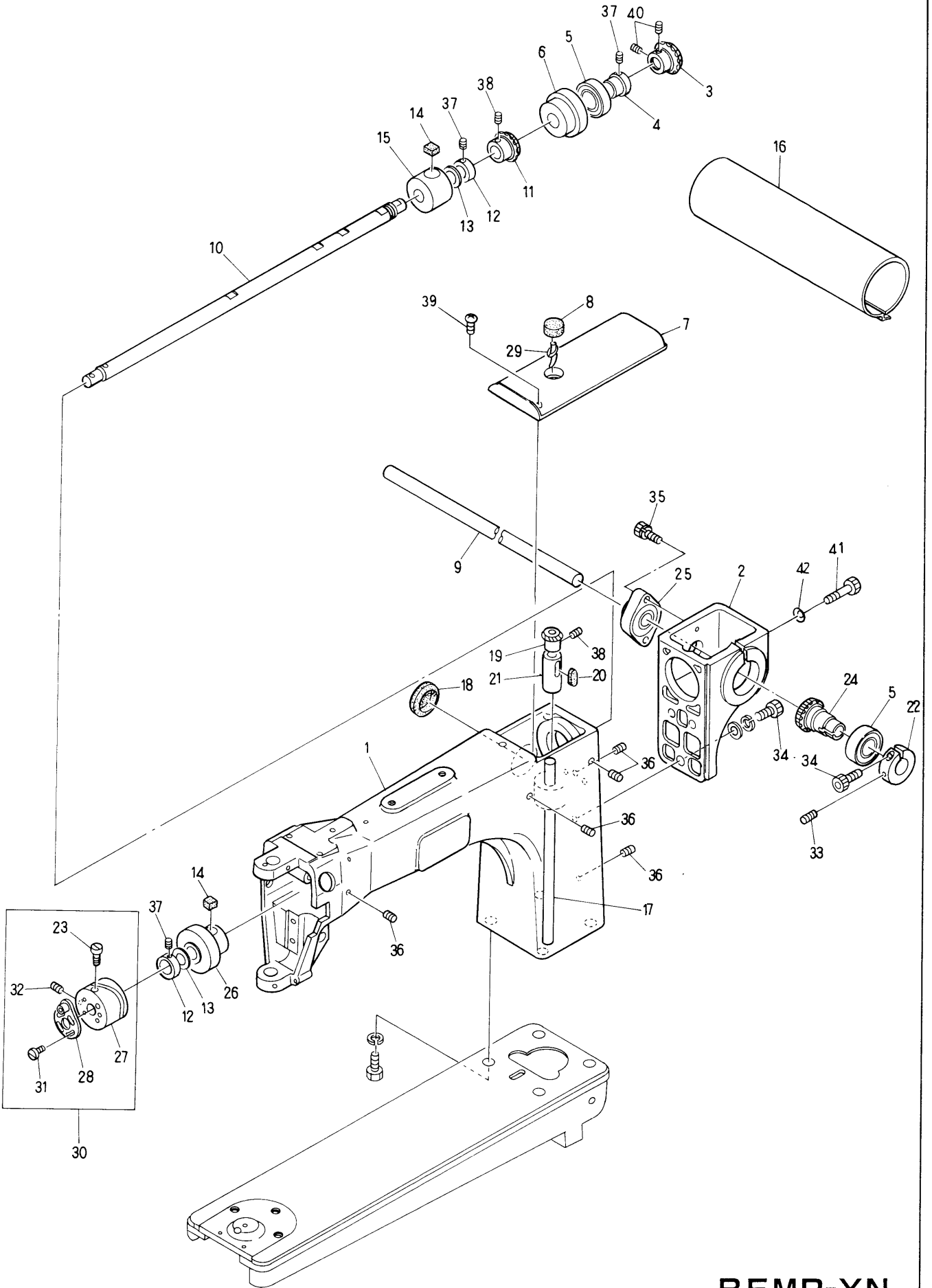


BEMR-YN
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MODEL BEMR-YN
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BEMX-YN



MODEL
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BEMX-YN



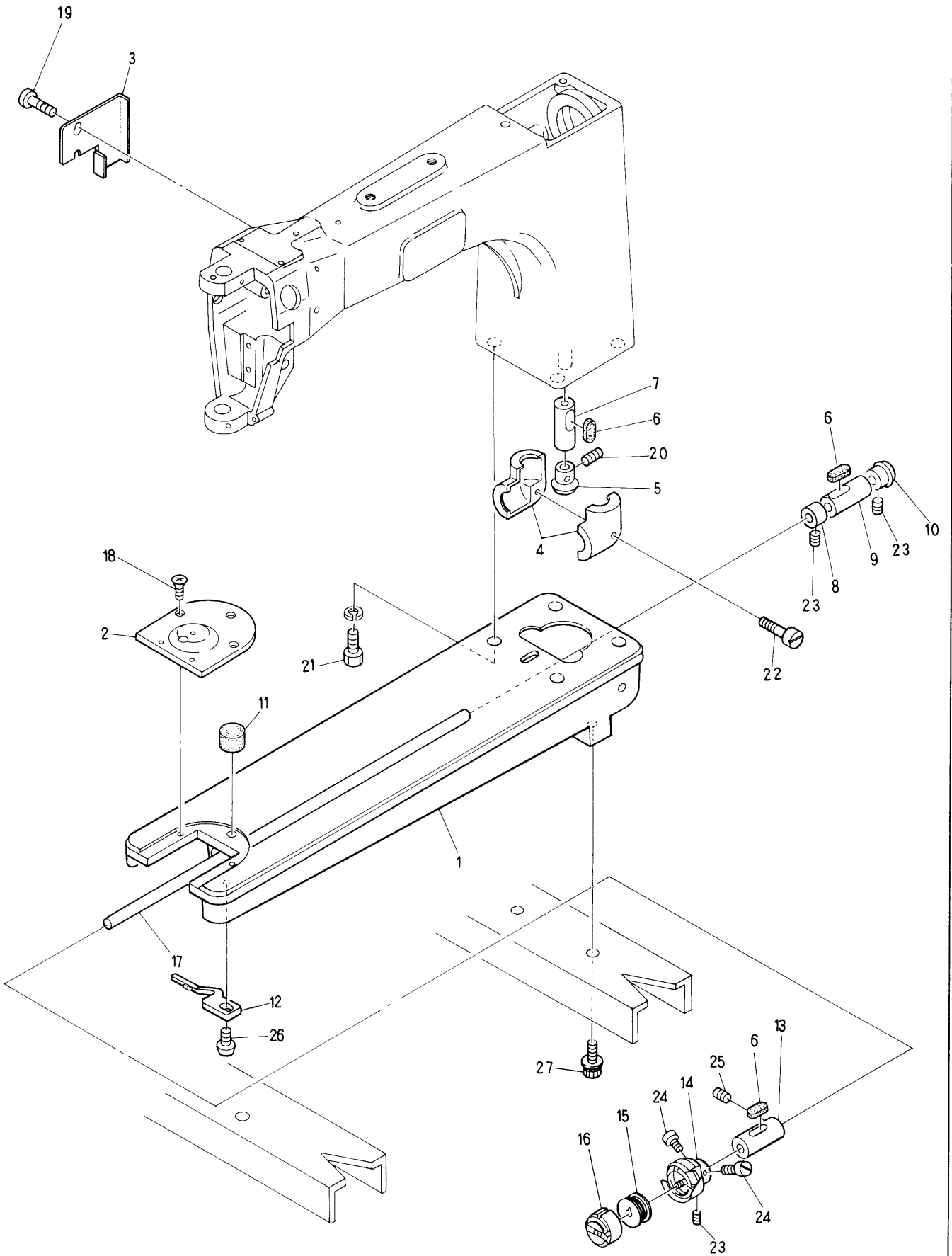
MODEL

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② Sewing head a' ssy I

(※Change the LIST No. by machine type)(H=Head Q'TY)

ITEM	LIST No.	DESCRIPTION	Q'TY	REMARK
1	KB210160	Arm	H×1	
2	KL210140	Arm gear case	H×1	
3	KL220100	Top shaft (Spiral bevel M1.5-25R)	H×1	
4	KL220090	Top shaft bearing collar (Rear)	H×1	
5	A9010017	Bearing (6004ZZ)	H×2	
6	KL220040	Top Shaft bearing case (Rear)	H×1	
7	KL250040	Arm top cover	H×1	
8	KL220150	Oil felt D	H×1	
9	KC320820	Top shaft connecting shaft 15×5700		
10	KL220000	Top shaft	H×1	
11	KF220130	Bevel gear (Top Shaft)	H×1	
12	KL220080	Top shaft collar	H×2	
13	HP231390	Thrust washer (Top Shaft gear)	H×2	
14	KL220130	Oil felt B	H×2	
15	KL220030	Top felt metal (Middle)	H×1	
16	1PKB15320350	Connecting shaft cover set (MS-15 320/350)	1 SET	※
17	KL220010	Vertical shaft	H×1	
18	A9014063	Grommet C-30-SG-36A	H×1	
19	KF220460	Bevel gear (Vertical Shaft upper)	H×1	
20	KL220140	Oil felt C	H×1	
21	KL220050	Vertical metal (Upper)	H×1	
22	KL320020	Connecting gear clamp φ19	H×1	
23	KF230420	Take up lever cam set screw	H×1	
24	KL320000	Connecting gear (Spiral bevel M1.5-25L)	H×1	
25	HP321140	Upper Connecting shaft bearing unit	H×1	
26	KL220020	Top shaft metal (Front)	H×1	
27	KB230030	Take up lever cam K6	H×1	For small bobbin
	KB230040	Take up lever cam L1	H×1	For middle bobbin
28	KB230050	90° Crank	H×1	
29	KC251330	Oil core L=75	H×1	
30	KB230011	Take up lever cam K6 90°	H×1	For small bobbin
	KB230021	Take up lever cam L1 90°	H×1	For middle bobbin
31	A9012007	Screw (SM11/64 40×10)	H×6	
32		Screw (SM15/64 28×10) Lock	H×1	
33		Hex. socket set screw M6×10		
34		Hex. socket bolt M6×25		
35		Hex. socket bolt M6×35 (With spring washer)		
36		Hex. socket screw M6×8		
37		Hex. socket set screw M6×6		
38		Screw (SM1/4 40×4)		
39		Truss screw M4×10		
40		Hex. socket set screw M6×6 (With adhesion)		
41		Hex. socket bolt M6×60		
42		Disc spring M6		



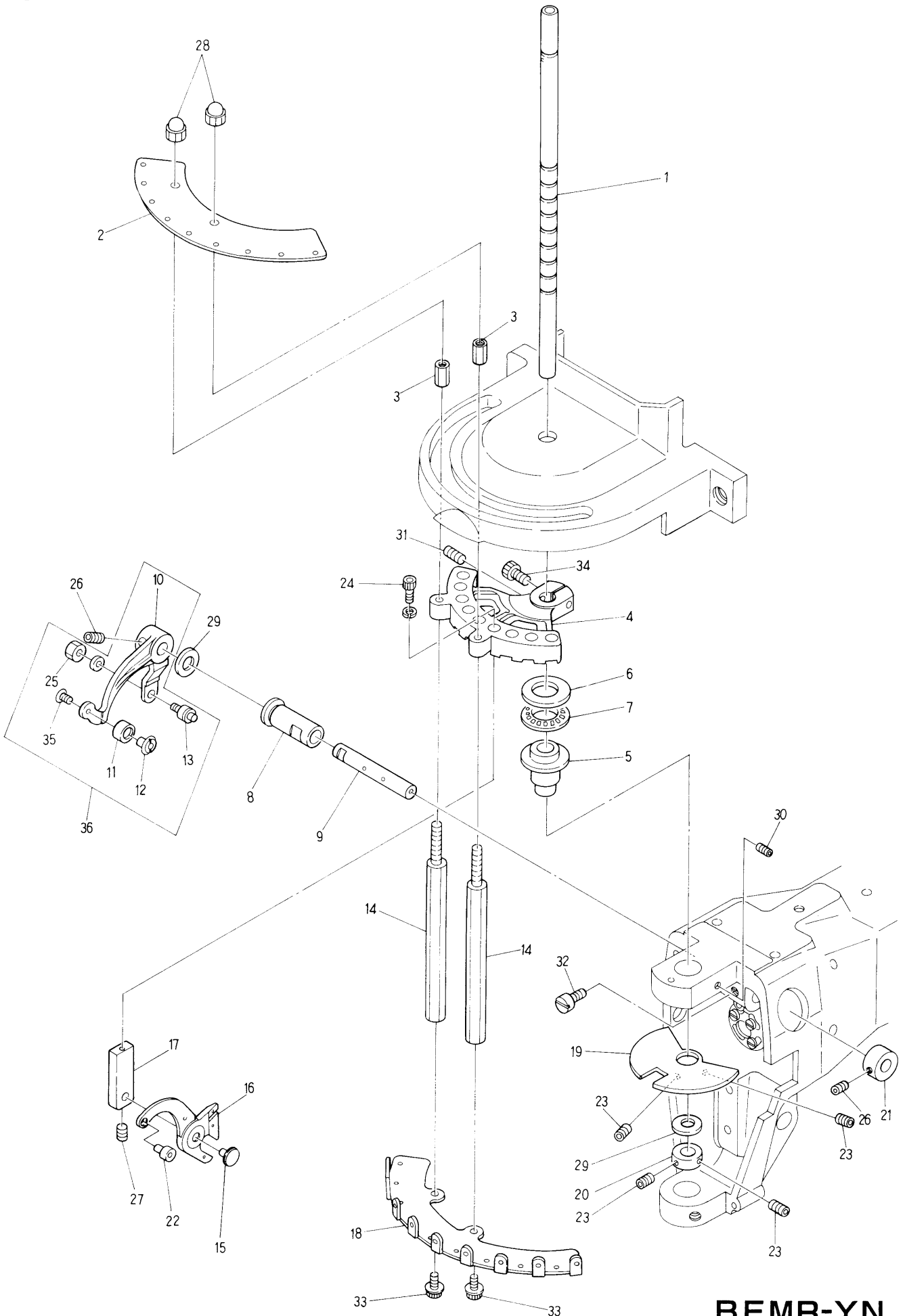
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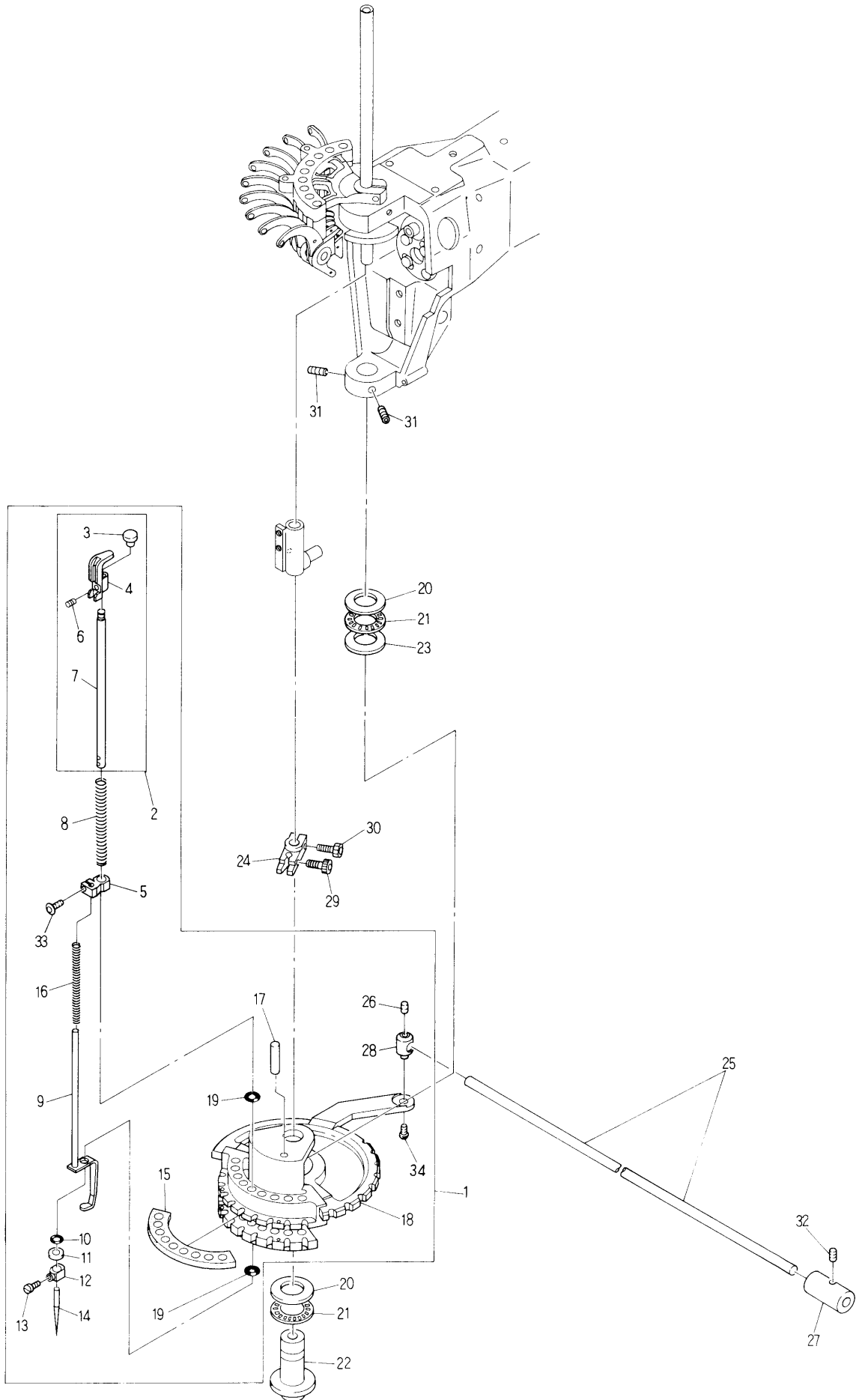
BEMR-YN
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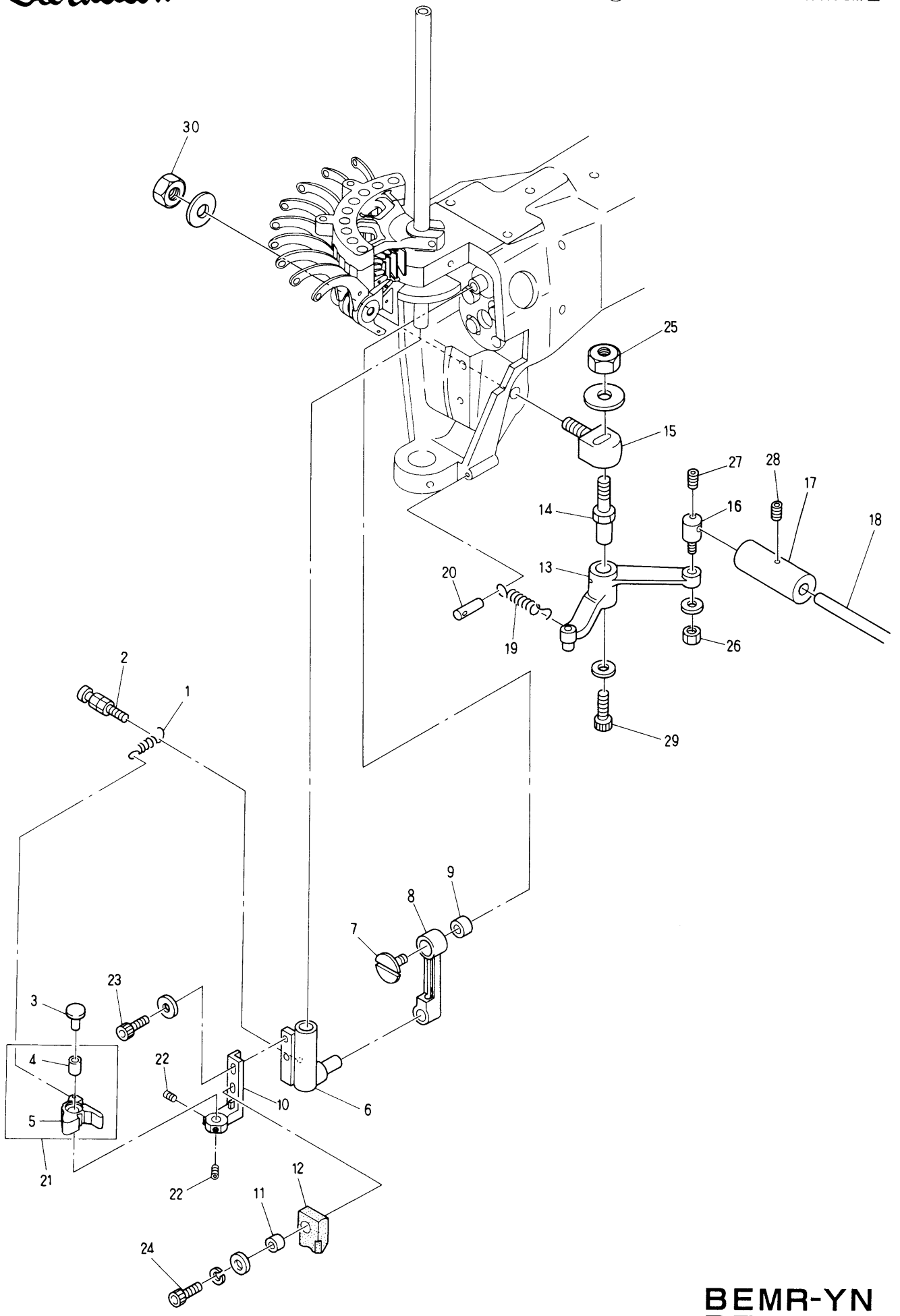
③ Sewing head a' ssy II

(H=Head Q' TY)

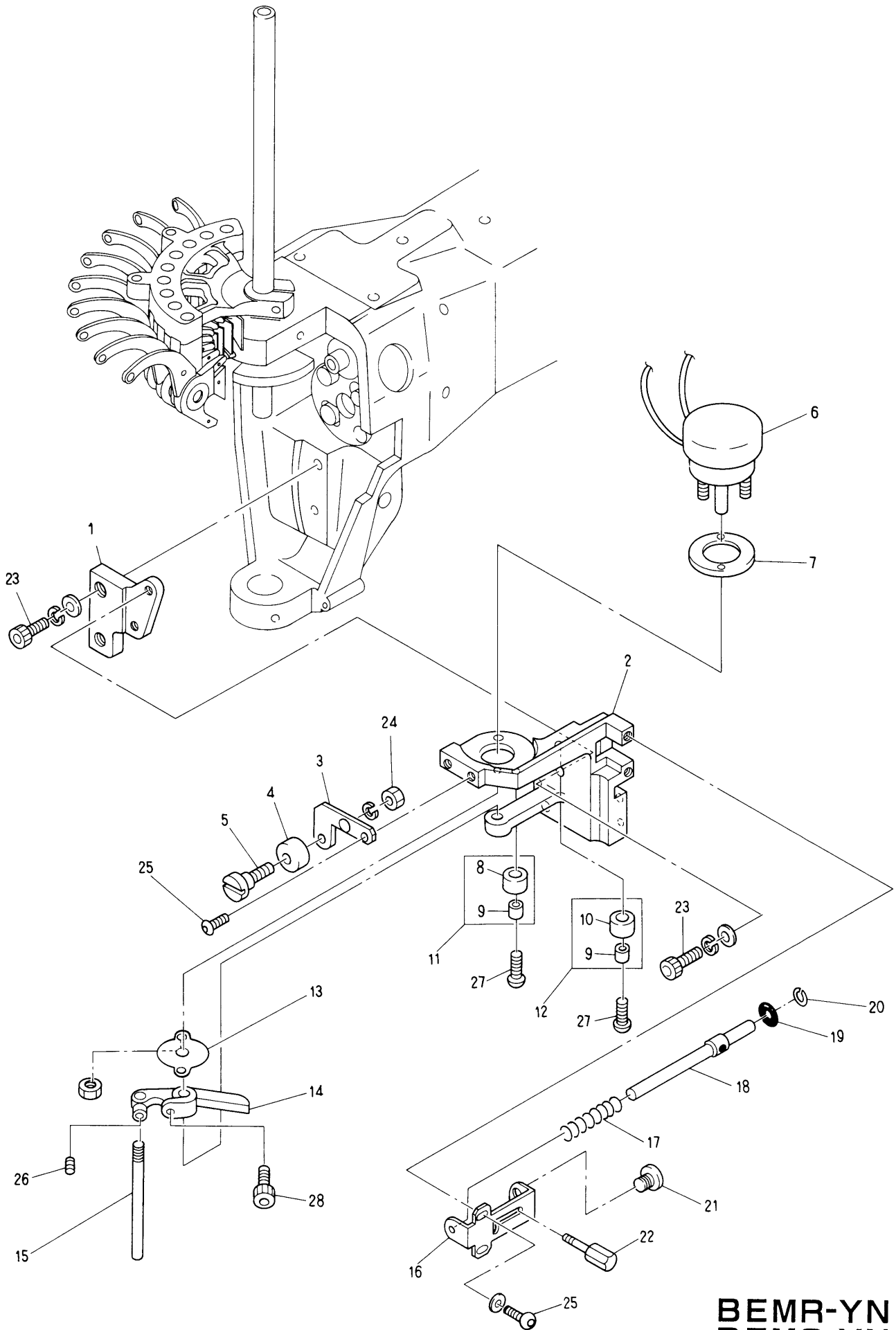
ITEM	LIST No	DESCRIPTION	Q'TY	REMARK
1	KN210210	Bed	H×1	For small bobbin
	KB210180	Bed	H×1	For middle bobbin
2	KN250131	Needle plate	H×1	
3	KL250051	Arm side cable cover	H×1	
4	KF220271	Gear cover set	H×1	
5	KF220470	Bevel gear (Vertical shaft lower)	H×1	
6	KL220140	Oil felt C	H×3	
7	KL220060	Vertical shaft metal (Lower)	H×1	
8	KF220290	Bottom shaft collar	H×1	
9	KL220070	Bottom shaft metal (Rear)	H×1	
10	KF220480	Bevel gear (Bottom shaft)	H×1	
11	KL220120	Oil felt A	H×1	
12	KF220511	Rotating hook bobbin case holder position bracket	H×1	
13	KF220230	Bottom shaft metal (Front)	H×1	
14	KF220750	Rotating hook complete KHS 12-RYNW	H×1	For small bobbin
	HB220010	Rotating hook complete (HSM-A-MQTS)	H×1	For middle bobbin
15	KF220410	Bobbin	H×1	For small bobbin
	KF220421	Bobbin HSM(DBM)	H×1	For middle bobbin
16	KF220440	Bobbin case (SC35-NS)	H×1	For small bobbin
	KF220302	Bobbin case BC-DBM (22)-NBL5	H×1	For middle bobbin
17	KC220210	Bottom shaft	H×1	
18	KF250900	Needle plate set screw (SM11/64 40×7)	H×2	
19		Binding screw M4×8		
20		Screw (SM1/4 40×4)		
21		Hex, bolt M12×35		
22		Screw M5×25		
23		Screw (SM11/64 40×4)		
24		Screw (SM11/64 40×5)		
25		Hex, socket set screw M6×8		
26		Screw (SM11/64 40×10)		
27		Hex, socket bolt M8×22(With plain washer, Spring washer)		







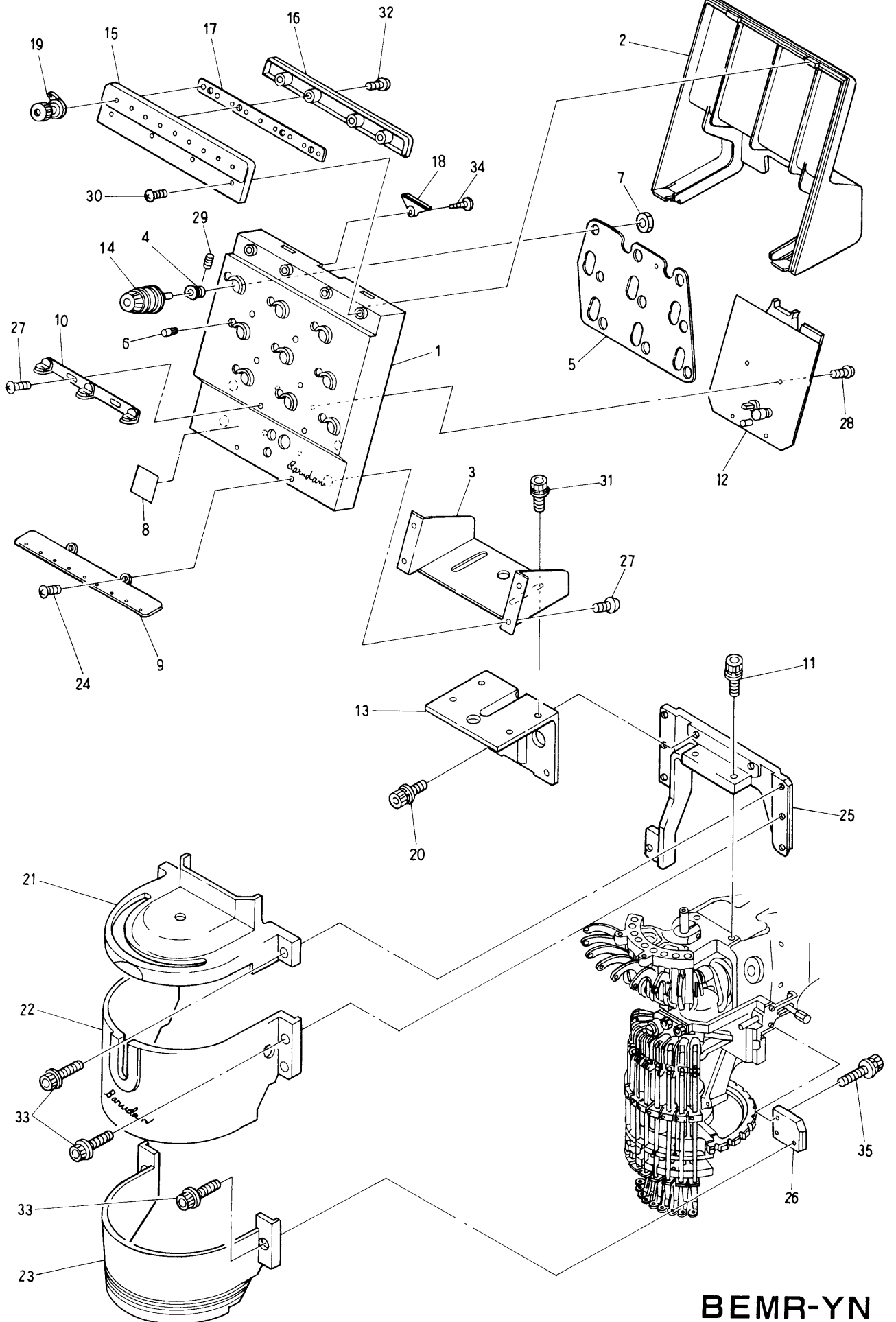
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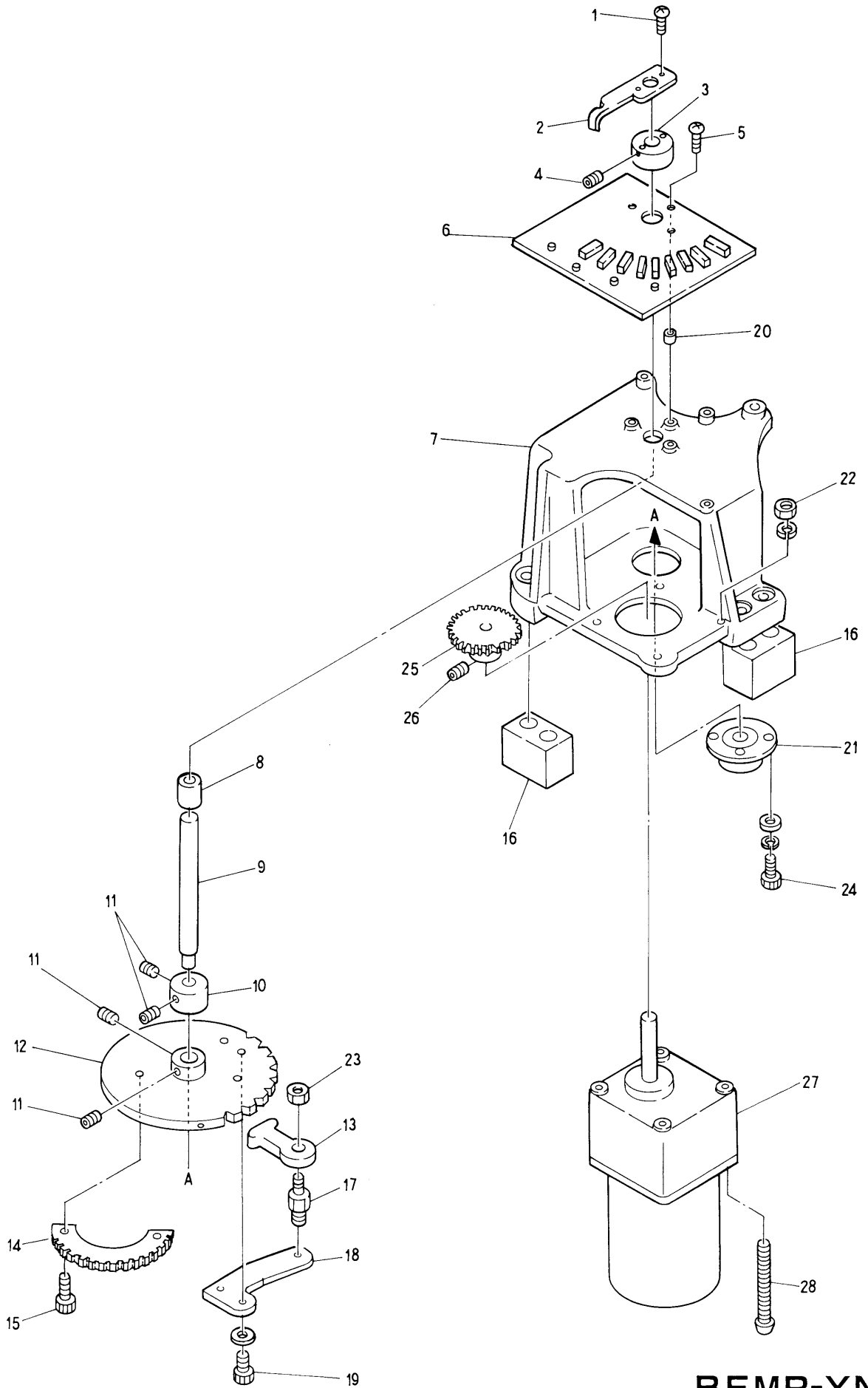
⑧ Thread guide mechanism



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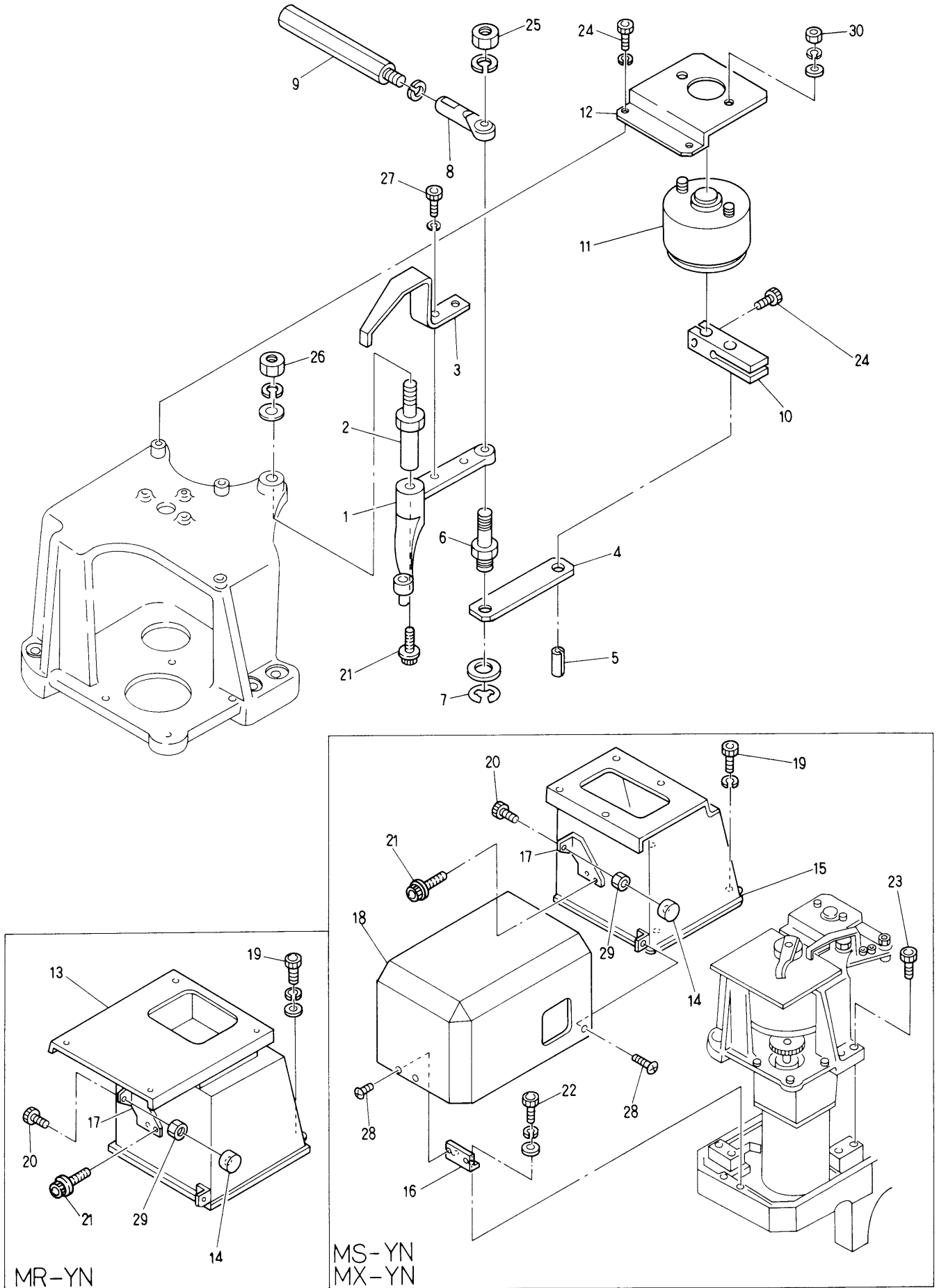
⑨ Color change mechanism I



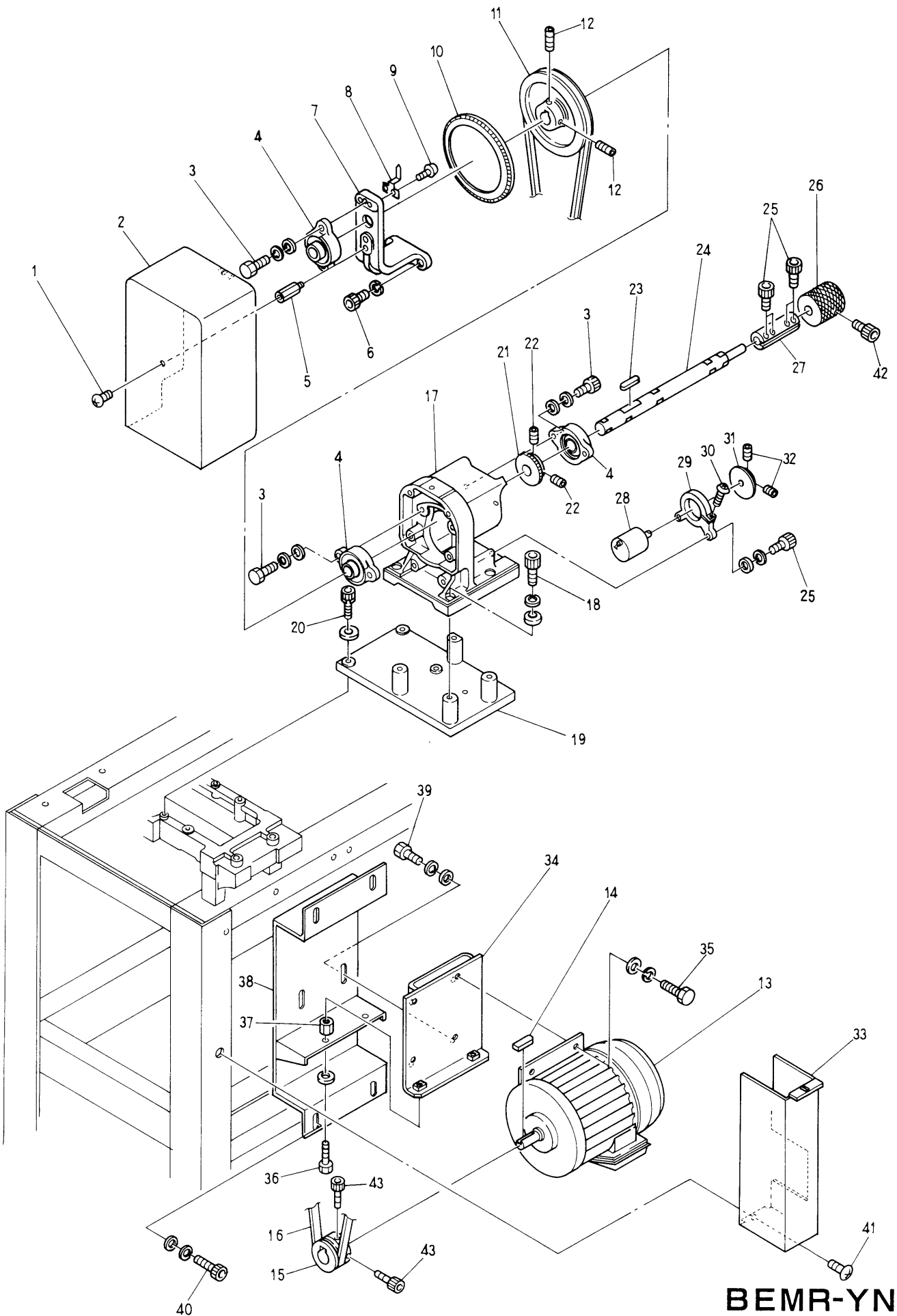
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⑩ Color change mechanism II



MODEL
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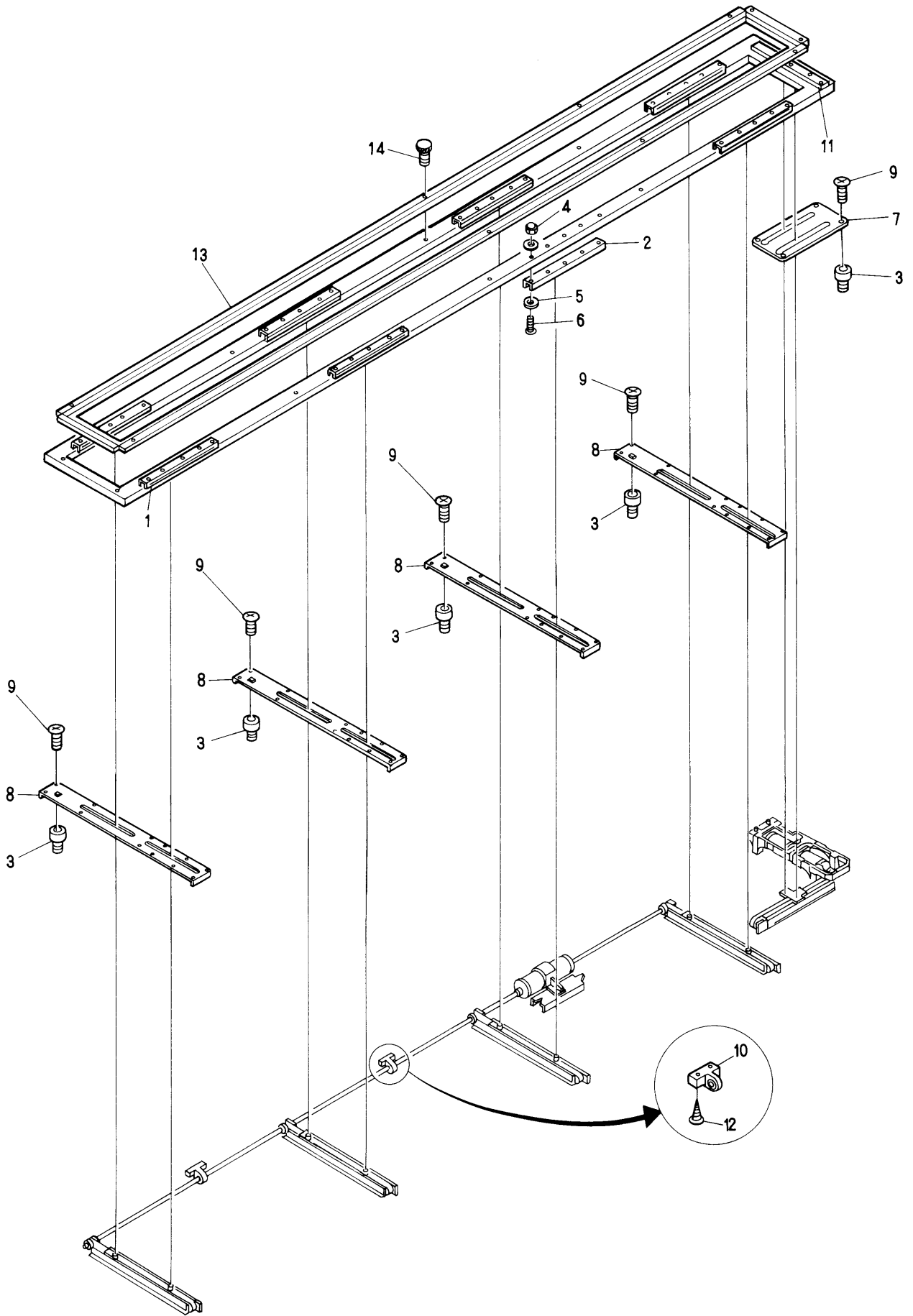
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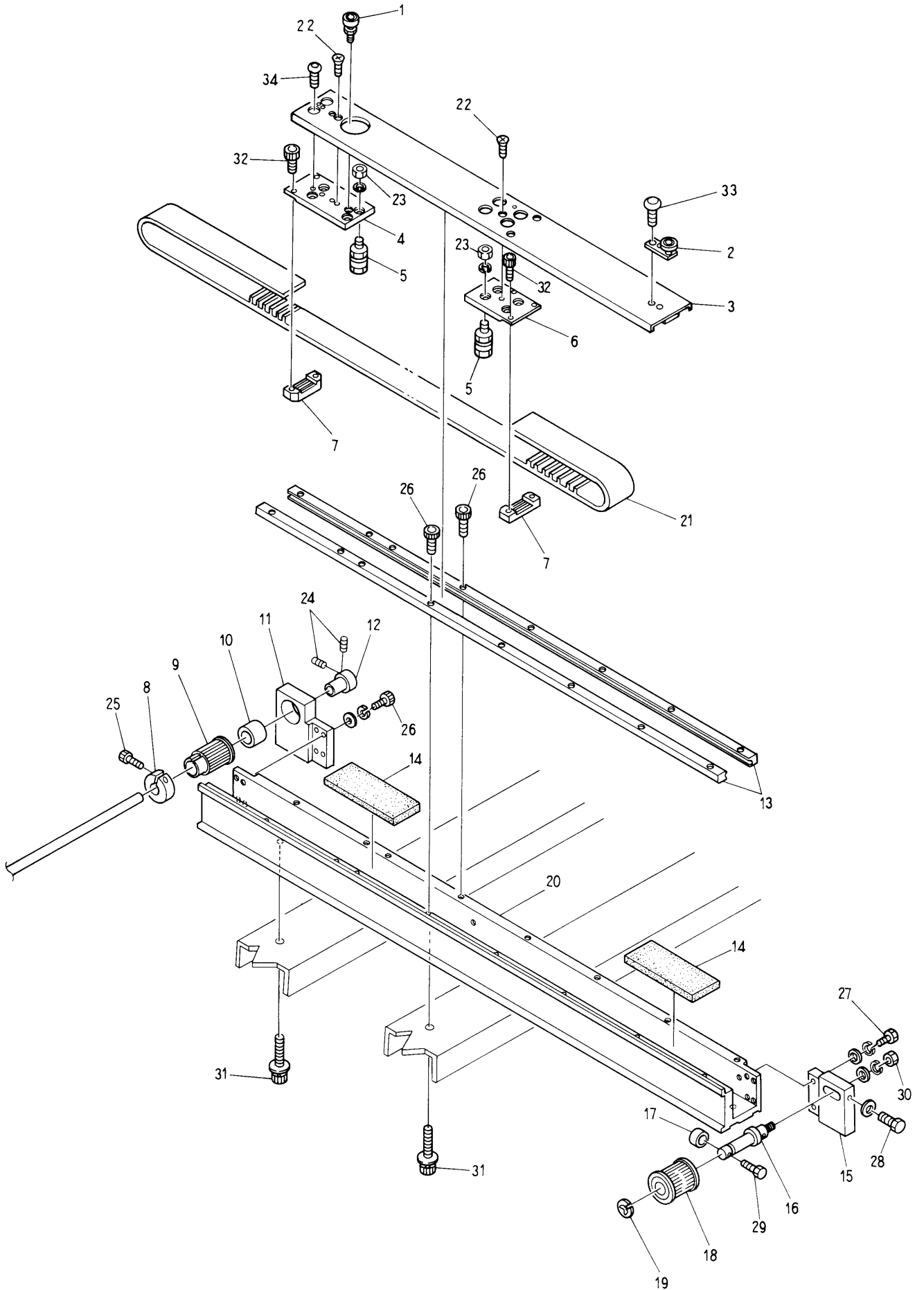
⑪ Drive mechanism

ITEM	LIST No.	DESCRIPTION	Q'TY	REMARK
1		Truss screw M4×6		
2	KK310030	Belt cover (Upper)	1	
3		Hex, bolt M8×25		
4	A9011017	Bearing unit (BLF204)	3	
5	KN312940	Belt cover stay	1	
6		Hex, socket bolt M8×25		
7	KN315130	Brake box bearing	1	
8	KN310050	Angle gauge	1	
9		Hex, socket button bolt M4×10		
10	KN313670	Angle label (A)	1	
11	KN310000	Driving pulley φ152.2	1	
12		Hex, socket set screw M6×8		
13	KN315110	Motor (IKFBK8-4P0.55KW, VF3 200V)	1	
14		Key 6×6×32	1	
15	KN310010	Motor pulley φ48.6	1	
16	A9020200	V-Belt (4PK-1240)	1	
17	KN312810	Brake box	1	
18		Hex, socket bolt M6×40		
19	KK310040	Brake box base	1	
20		Hex, socket bolt M6×35 (With spring washer)		
21	KC312911	Encoder driving gear No.1	1	
22		Hex, socket set screw M5×8		
23	WW310210	Key 6×6×35	1	
24	KN312820	Brake shaft	1	
25		Hex, socket bolt M6×20		
26	KC320590	Hand pulley	1	
27	HH320550	Upper shaft connecting coupling	1	
28	KN511020	Position corder 051 (for Embroidery machine)	1	
29	KC312890	Encoder retainer	1	
30		Pan screw M4×15		
31	KC312921	Encoder driving gear No.2	1	
32		Hex, socket set M4×8		
33	KL310100	Belt cover (Lower)	1	
34	KL310071	Motor fixing bracket	1	
35		Hex, bolt M8×25		
36		Hex, bolt M8×60		
37		Hex, nut M8		
38	KL310081	Motor base	1	
39		Hex, bolt M8×20		
40		Hex, socket bolt M8×25		
41		Truss screw M4×8		
42		Hex, socket bolt M6×12		
43		Hex, socket bolt M6×15		Key side
		Hex, socket bolt M6×18		

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⑫ Pantograph drive mechanism I
(V · H-Direction)

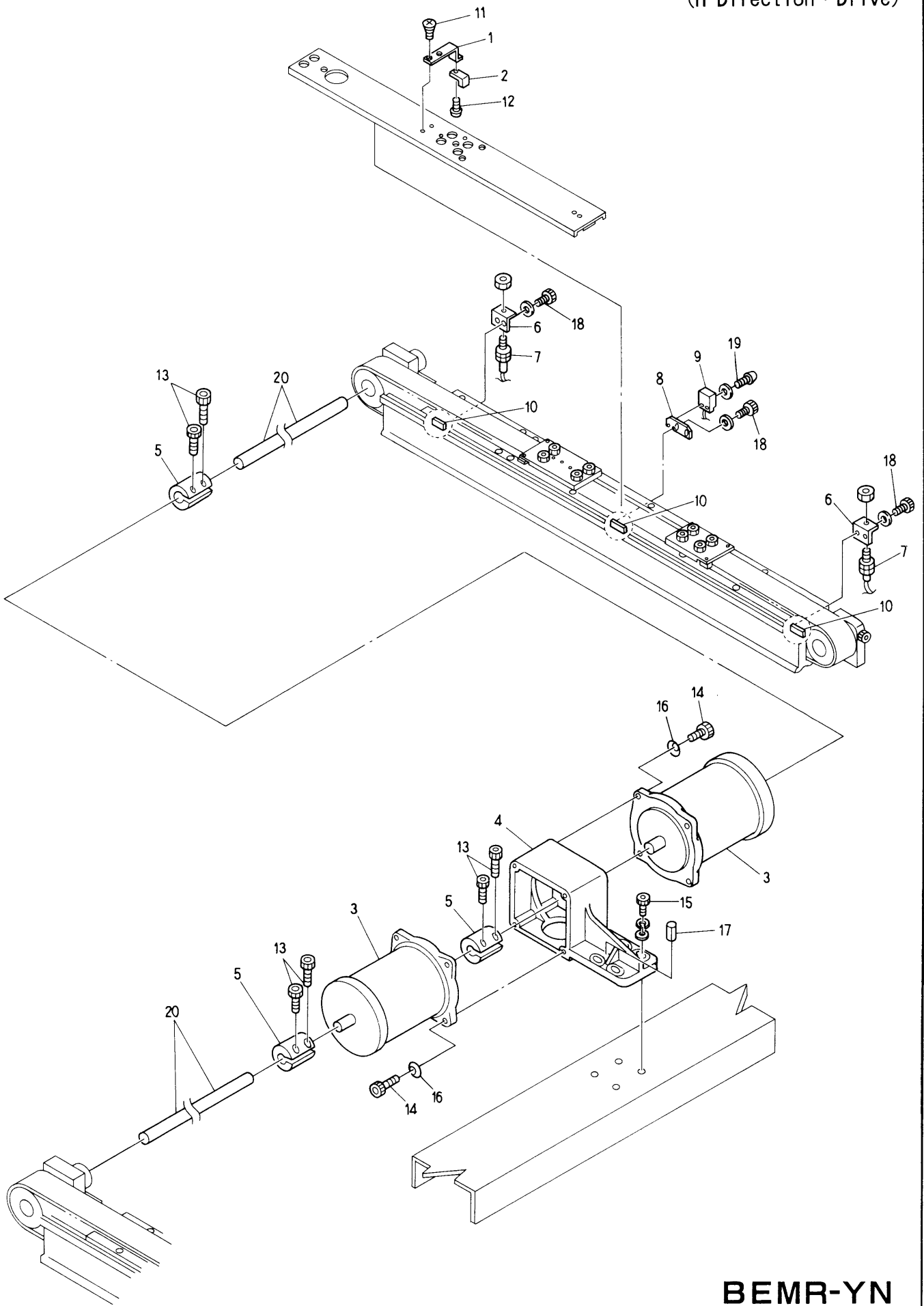




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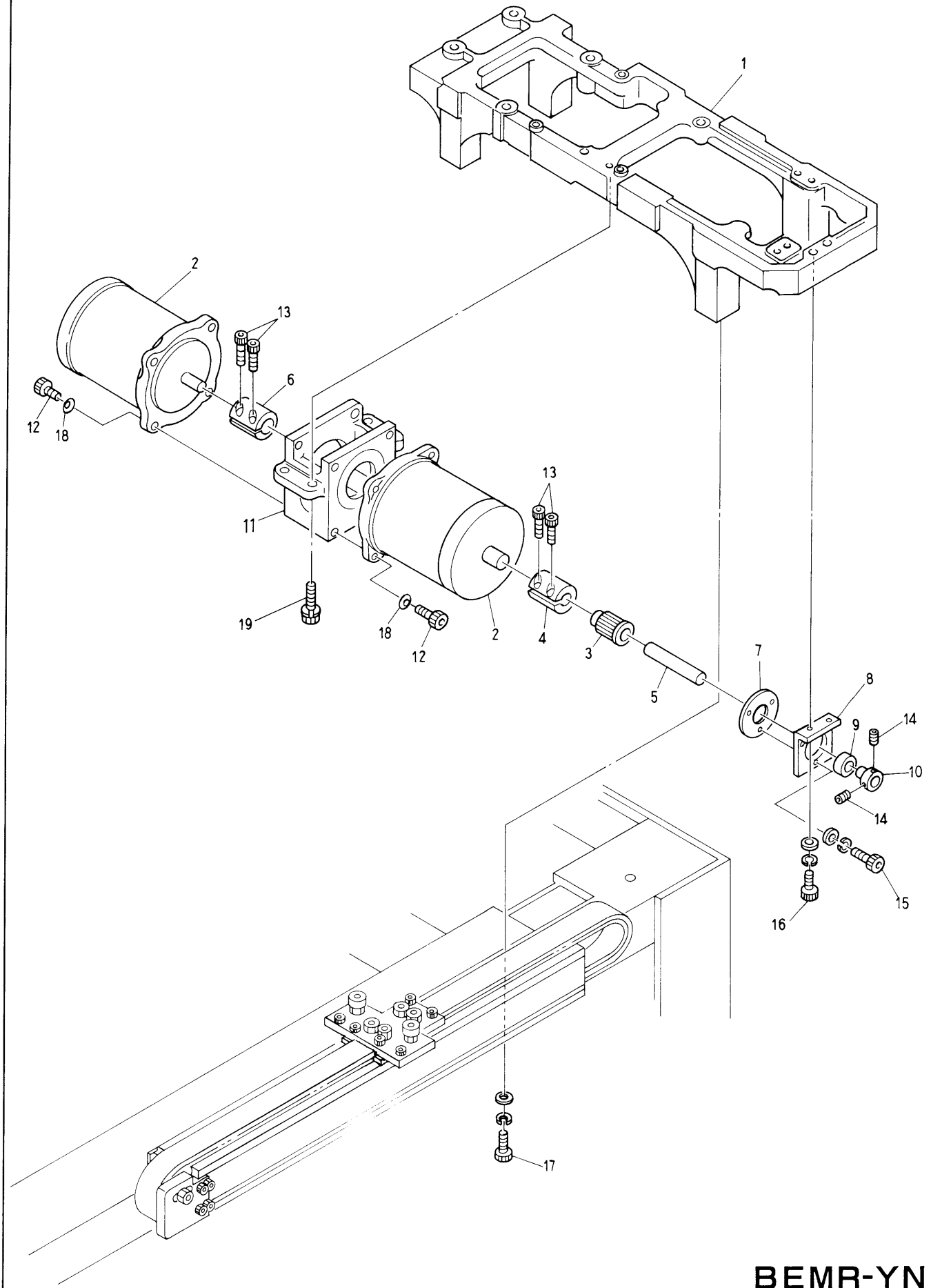
⑭ Pantograph drive mechanism III
(H-Direction • Drive)



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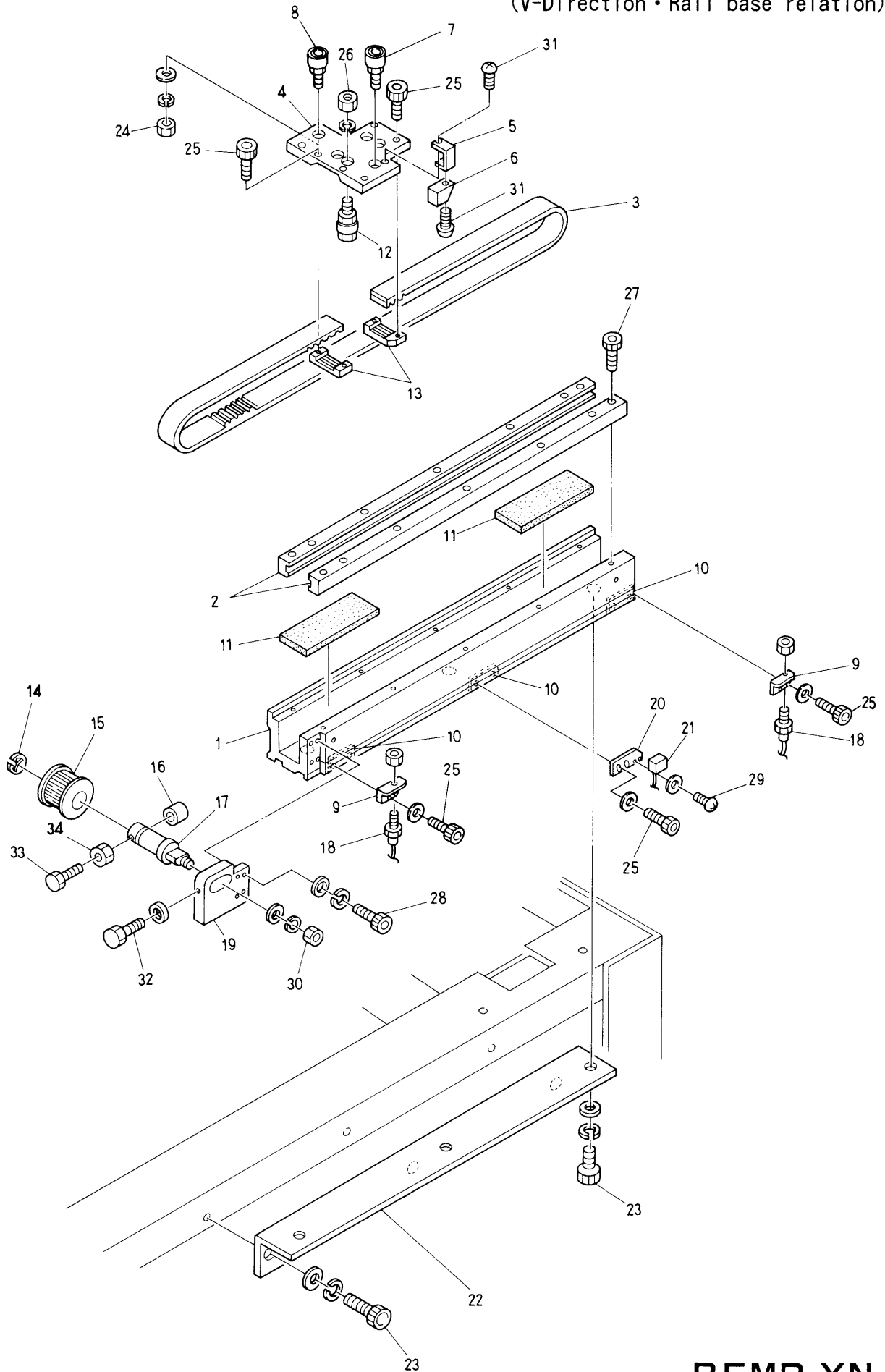
⑮ Pantograph drive mechanismIV
(V-Direction • Drive)



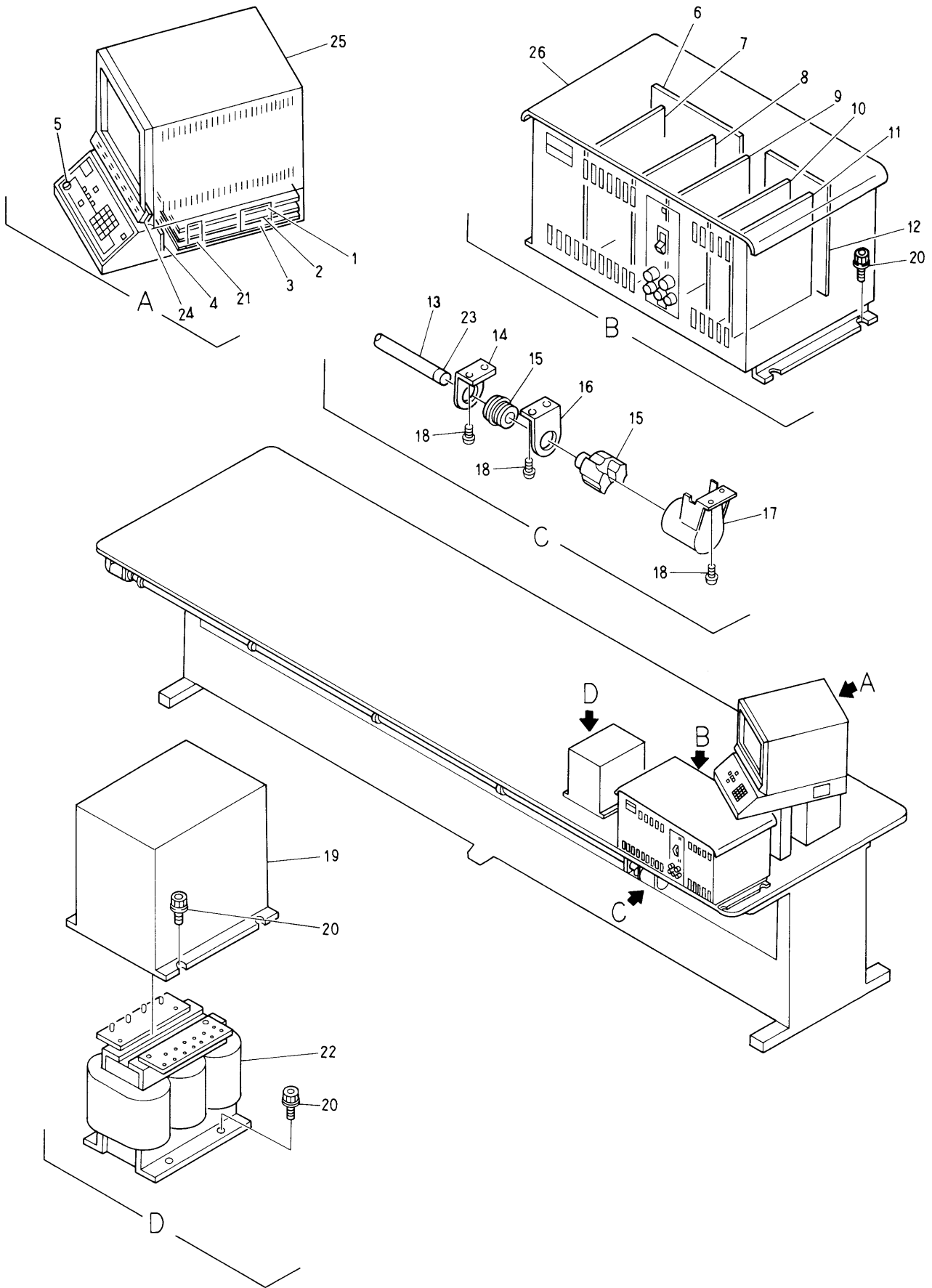
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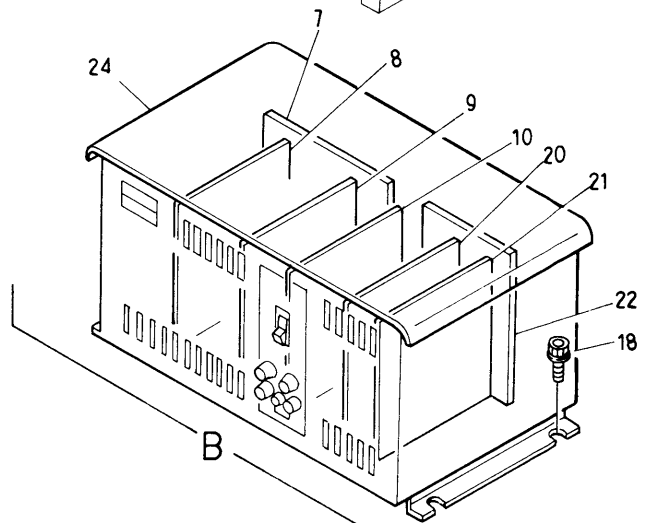
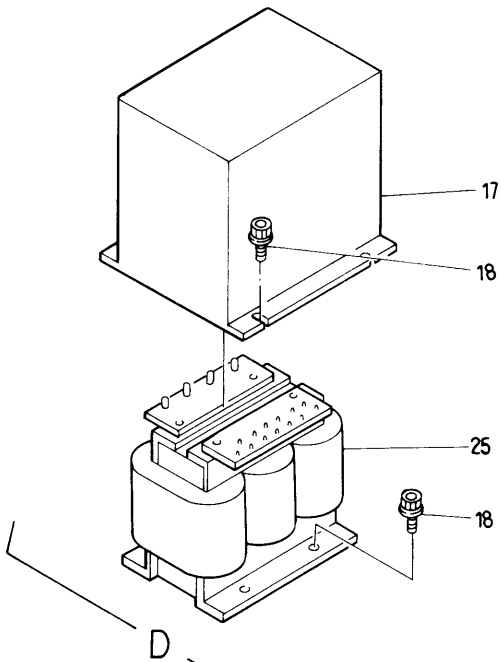
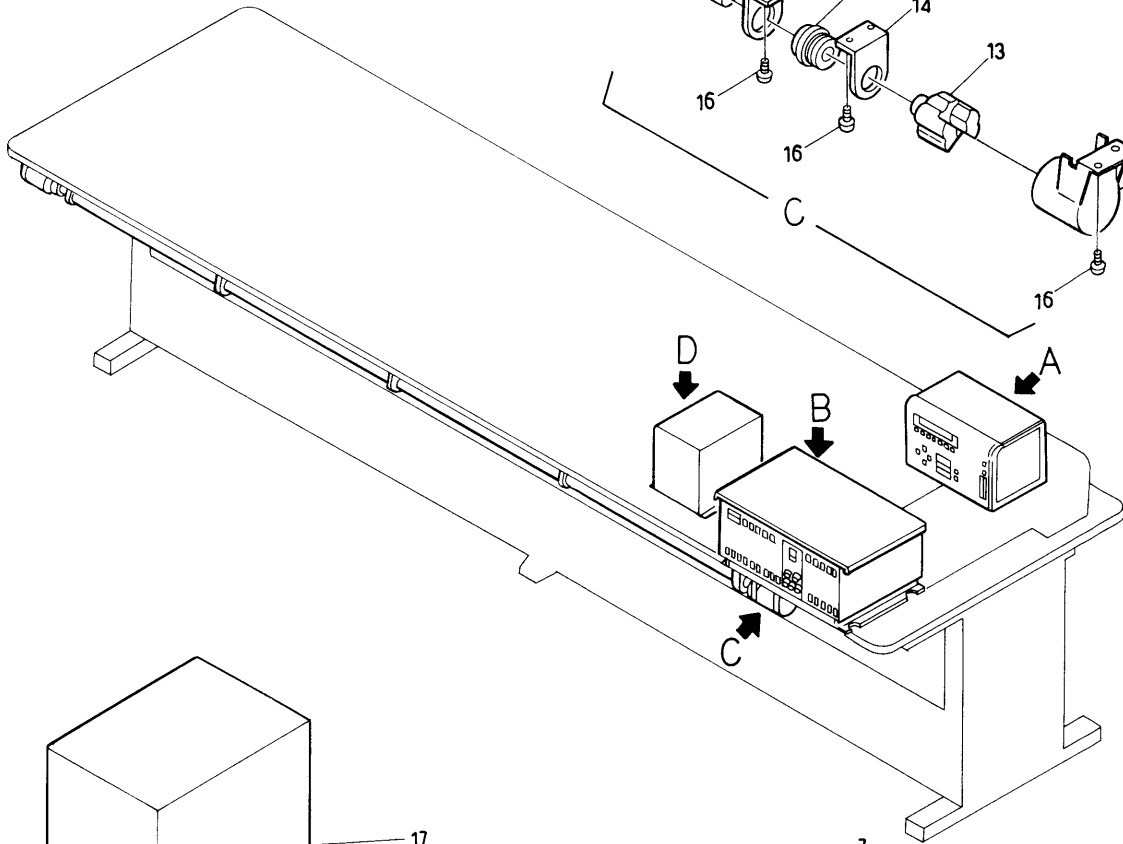
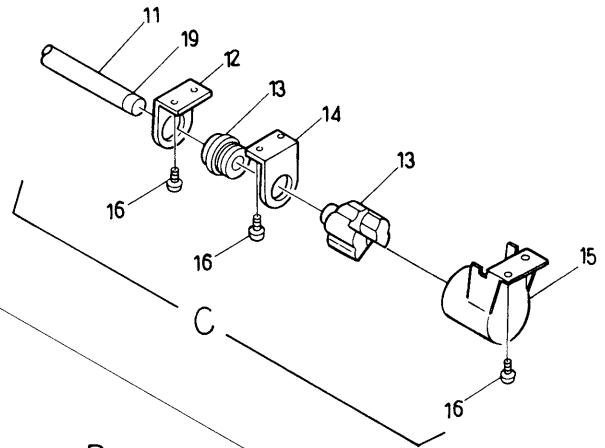
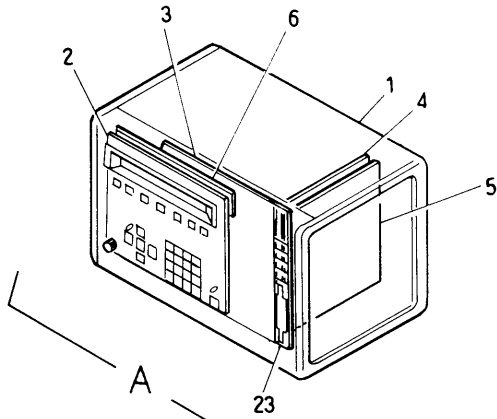
⑬ Pantograph drive mechanism V
(V-Direction • Rail base relation)



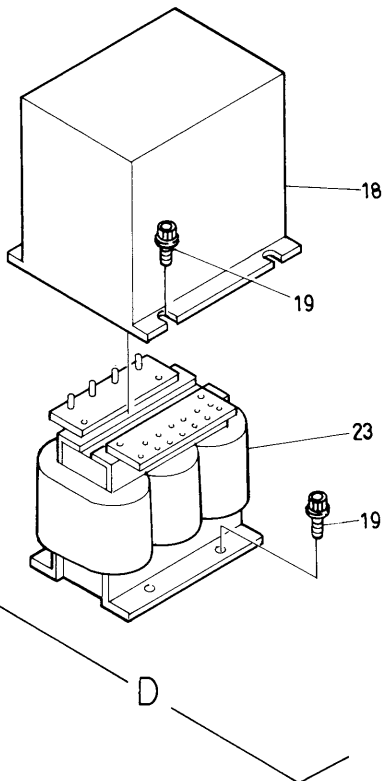
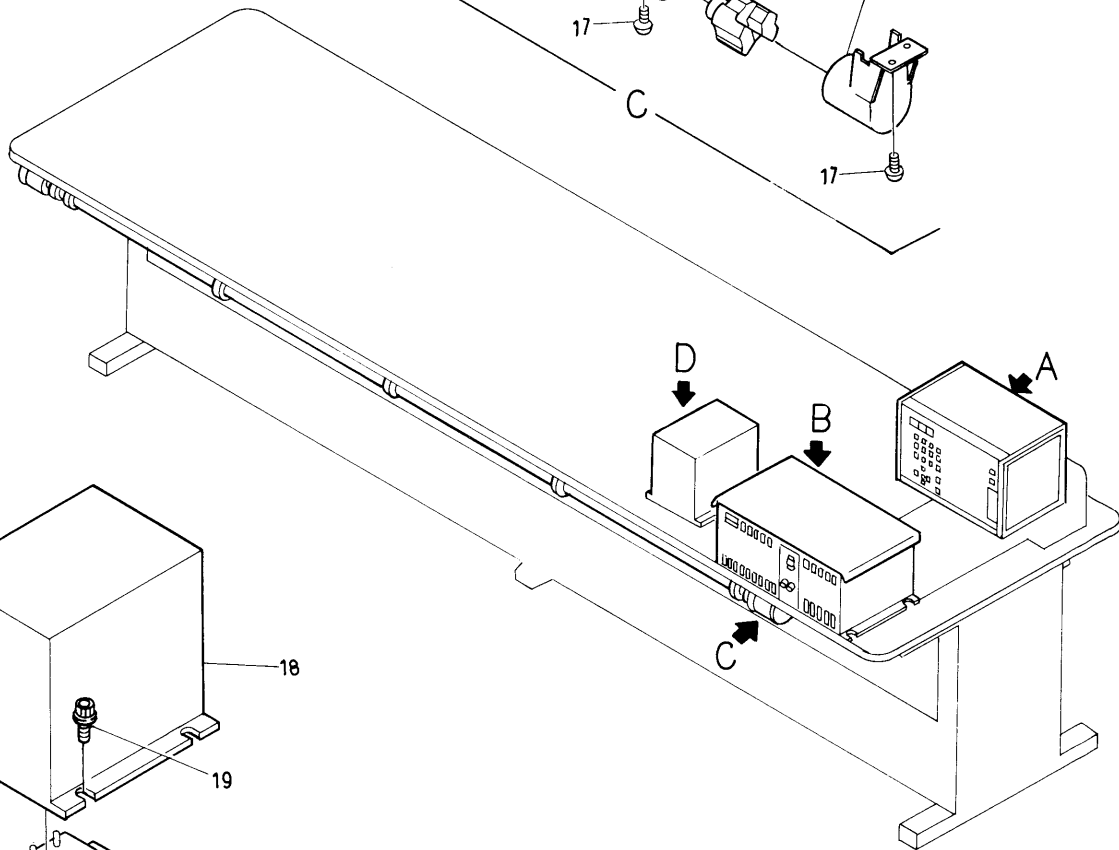
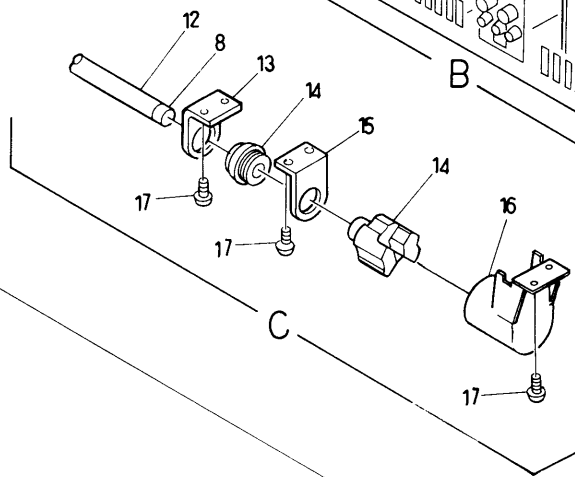
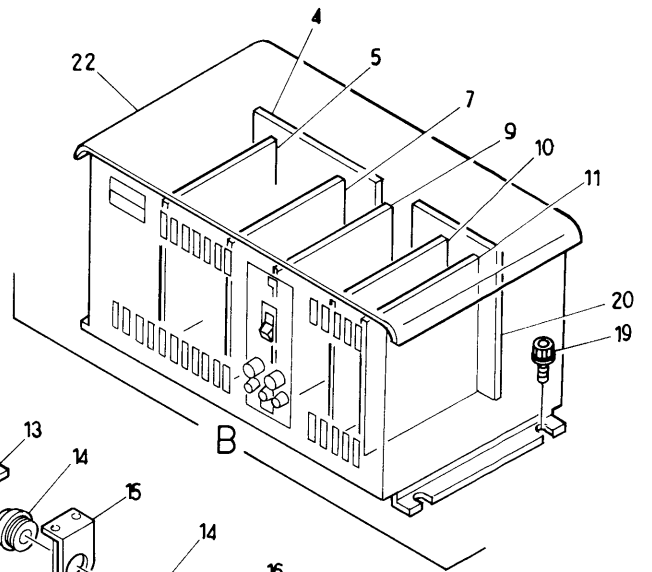
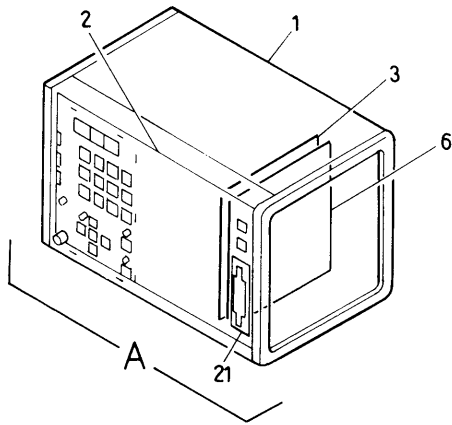
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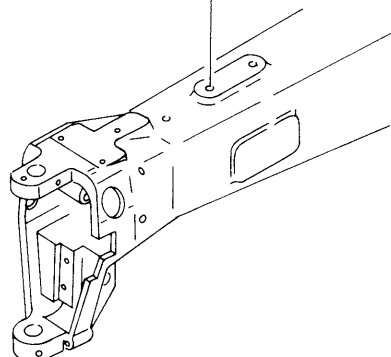
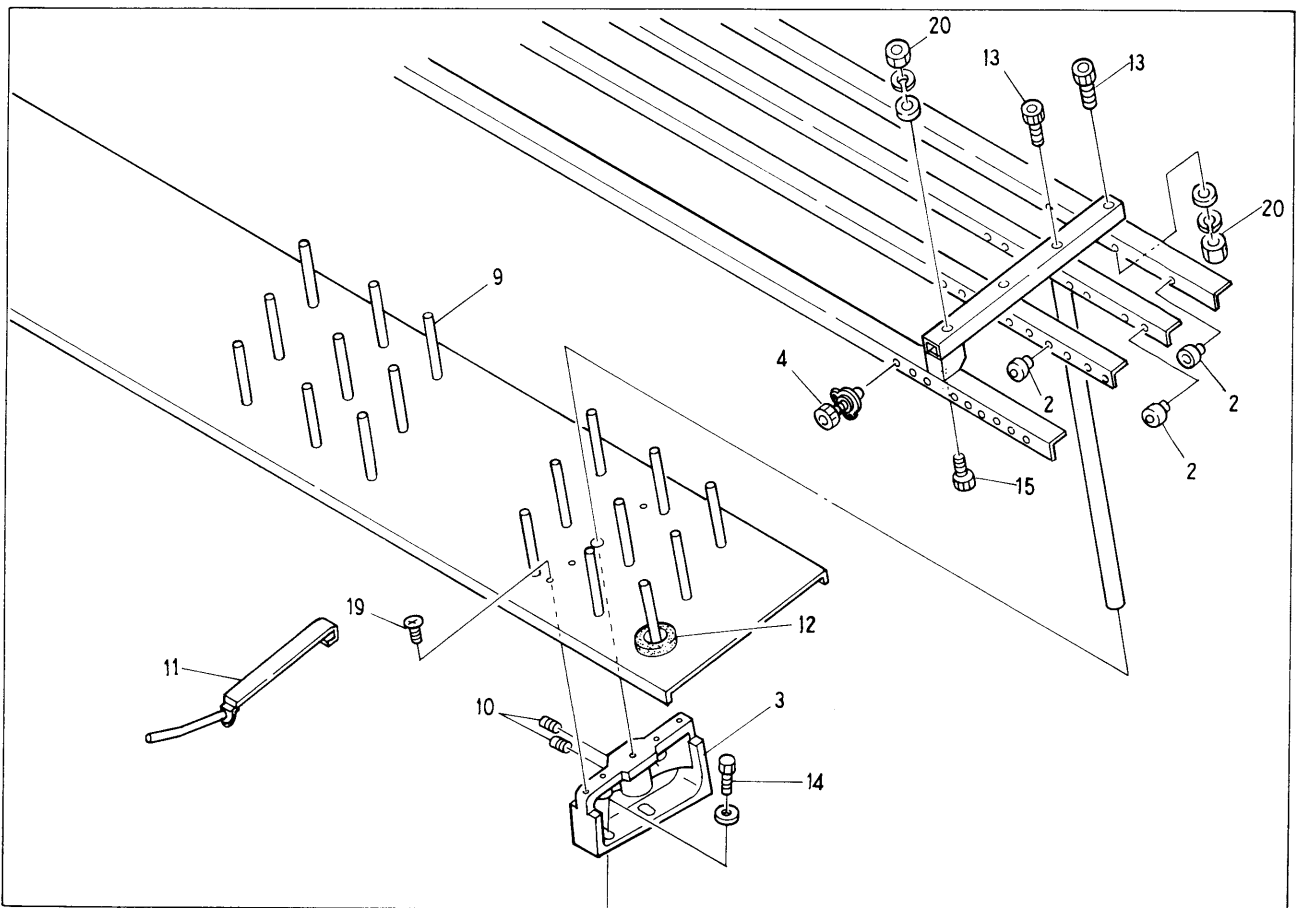
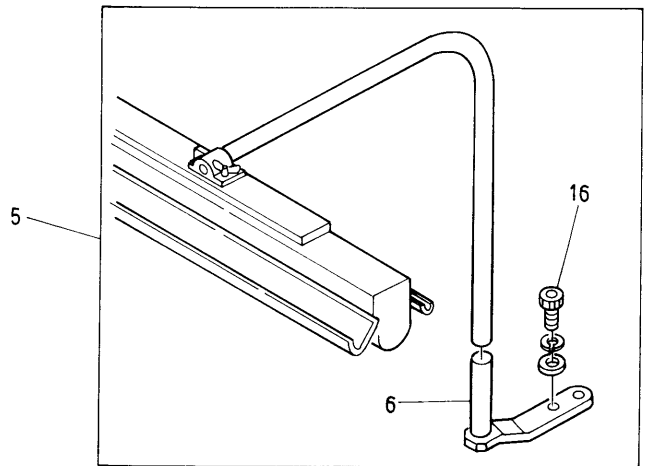
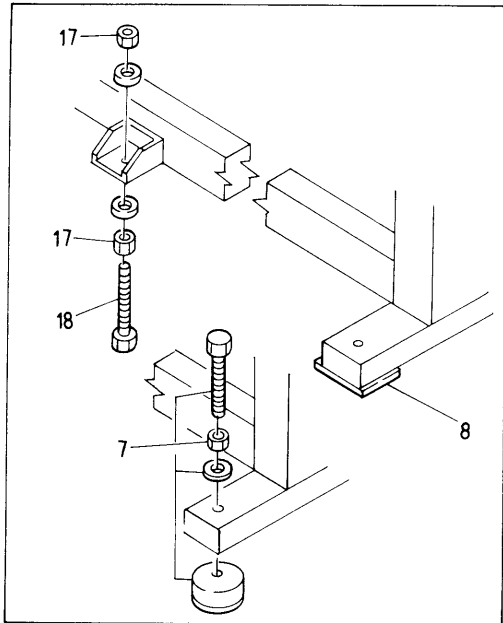


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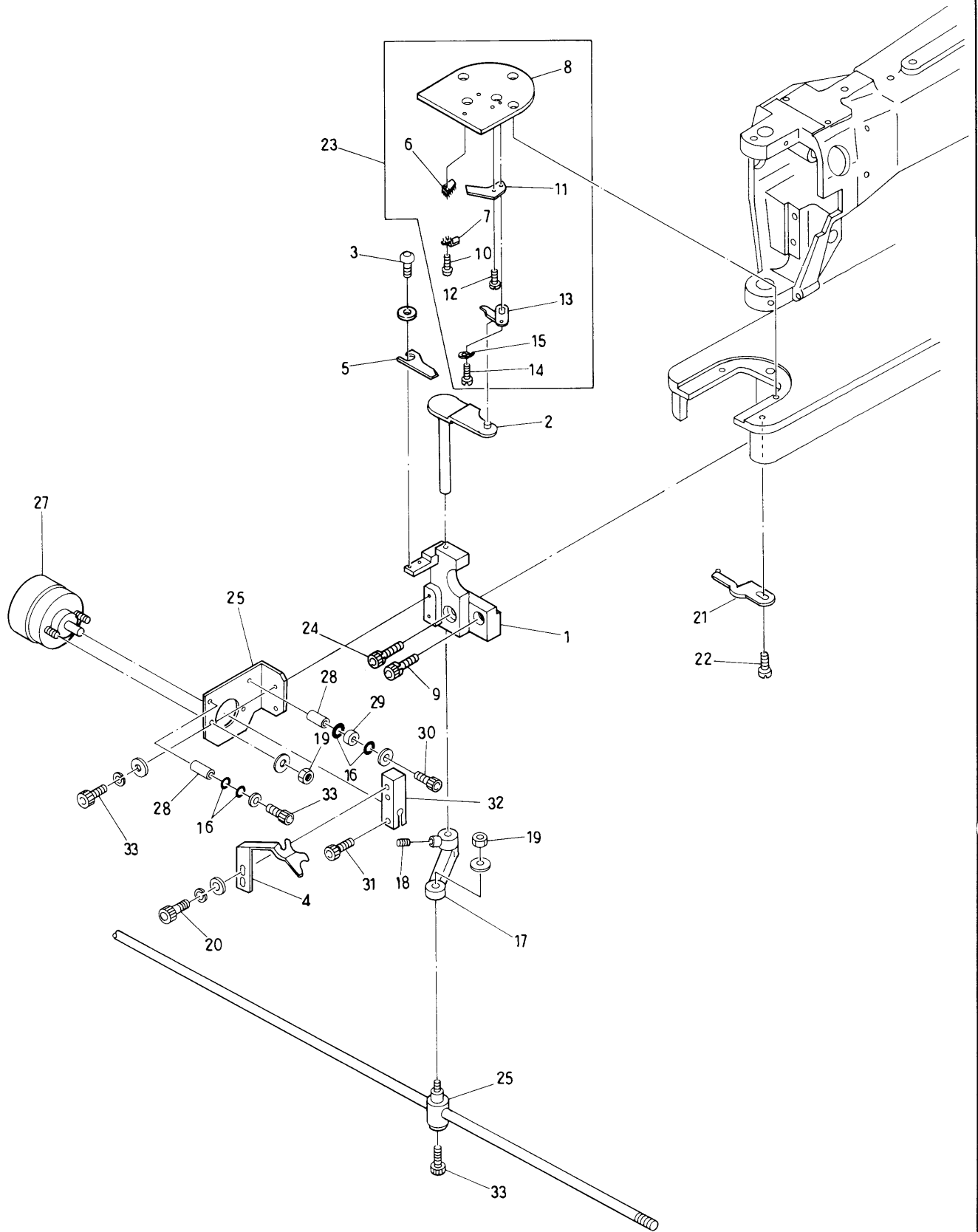


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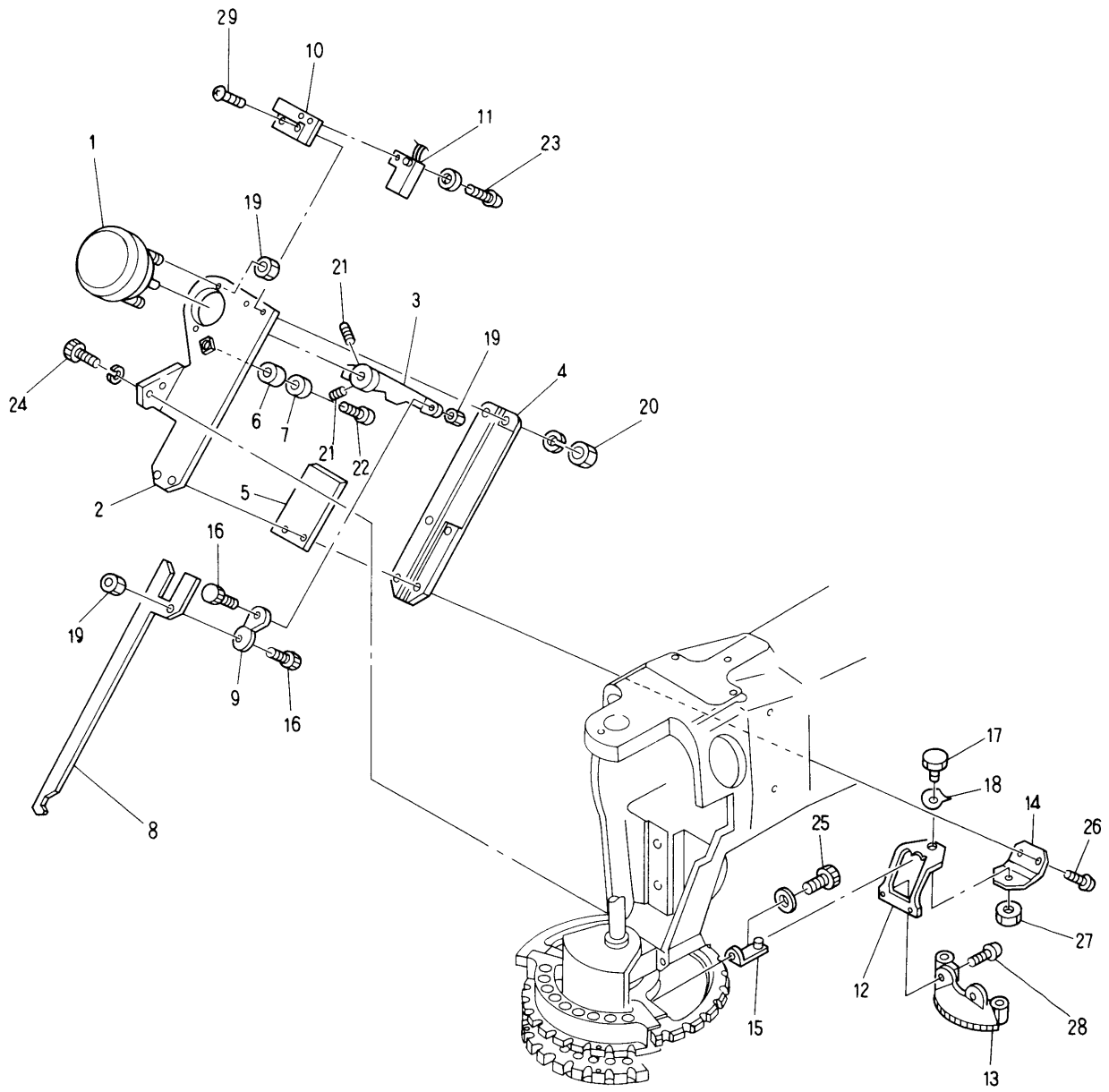
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①9 Automatic thread cutting mechanism I
(Thread cutting section)

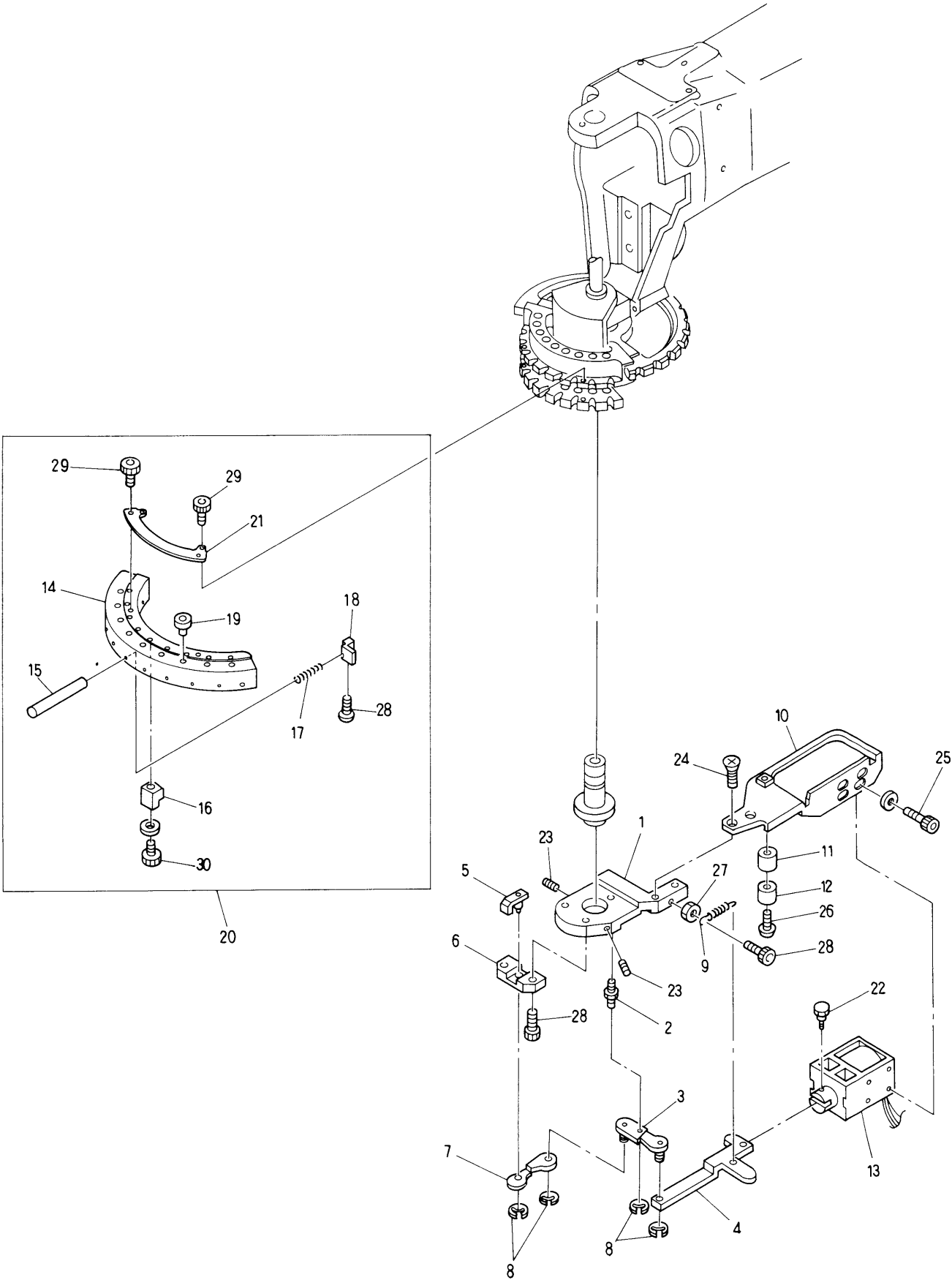


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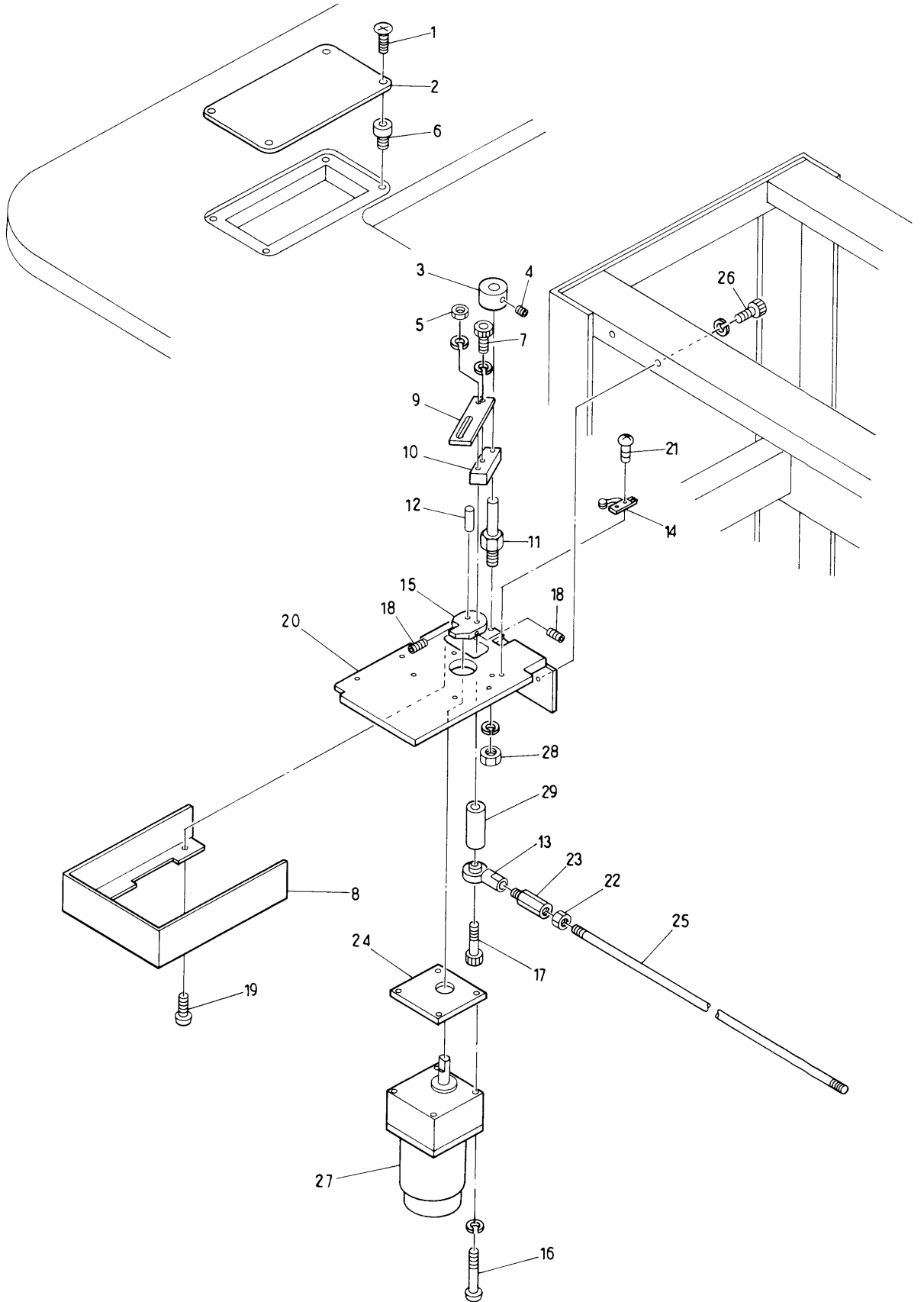
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② Automatic thread cutting mechanism IV
(Thread cutting drive section)

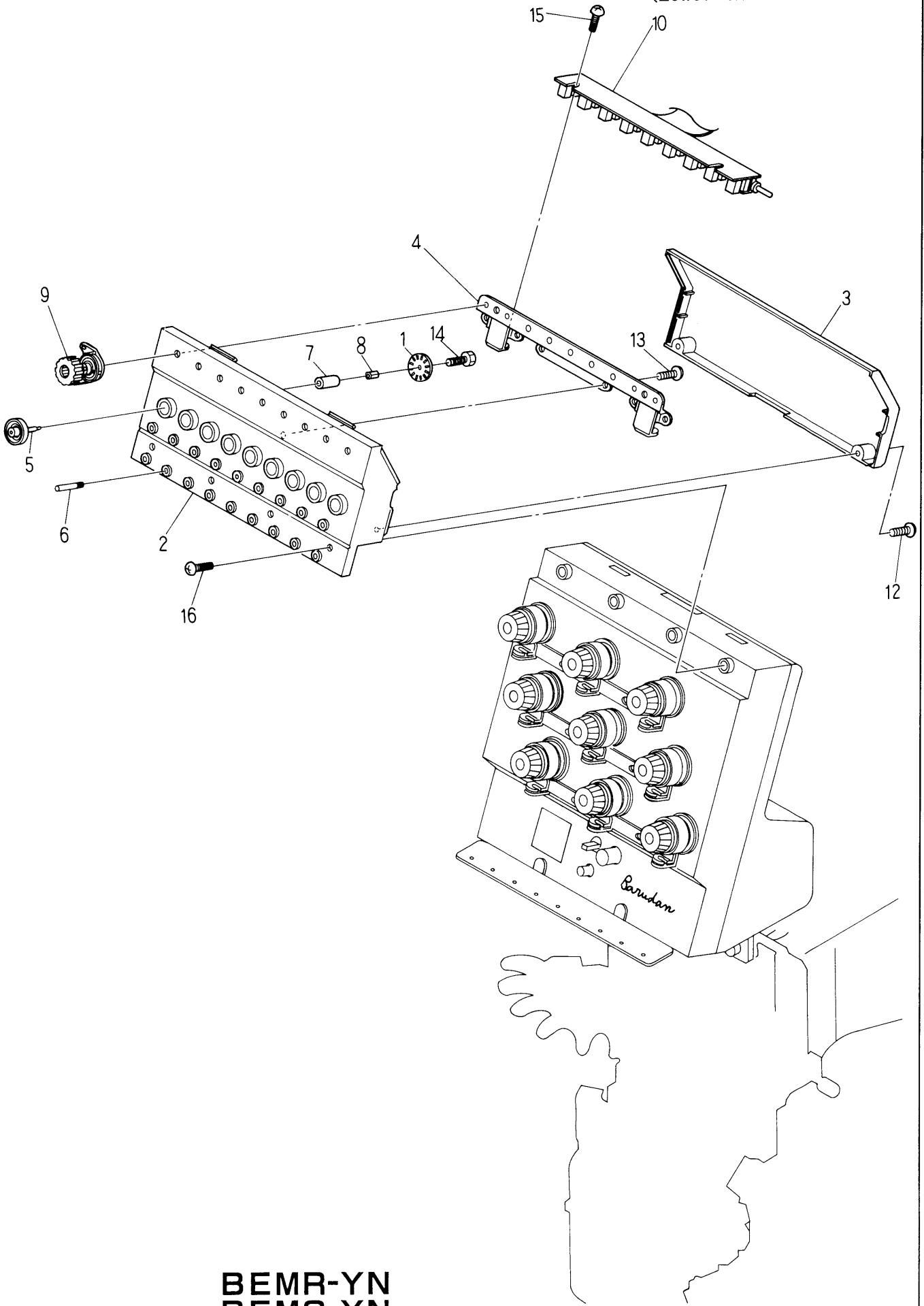


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⑳ Thread guide mechanism
(Lower thread sensorium)



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I N D E X

LIST No.	PAGE No.	ITEM	LIST No.	PAGE No.	ITEM
1AE153203500	3	14	A9052031	29	9
1BE153203500	3	1	A9052031	33	21
1HP12300	41	1	A9056010	43	27
1KN153203500	3	13	A9056013	47	13
1LKC450020	25	13	A9056018	45	1
1PKB15320350	5	16	A9056020	15	6
A9010017	5	5	A9065028	49	27
A9011017	23	4	A9065035	19	27
A9011021	9	7	EAY017A1	35	25
A9011021	11	21	EAY021A2	35	26
A9011022	11	23	EAY021A2	37	24
A9011023	11	20	EAY021A3	35	22
A9011063	27	10	EAY021A3	37	1
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A9011115	13	9	EAY021A3	39	23
A9011152	9	6	EAY022A3	35	22
A9012001	19	13	EAY022A3	37	25
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