

38pgy
Barudan

HIGH SPEED AUTOMATIC EMBROIDERY MACHINE

BEMR
MODEL **BESR**
BEX

PARTS LIST

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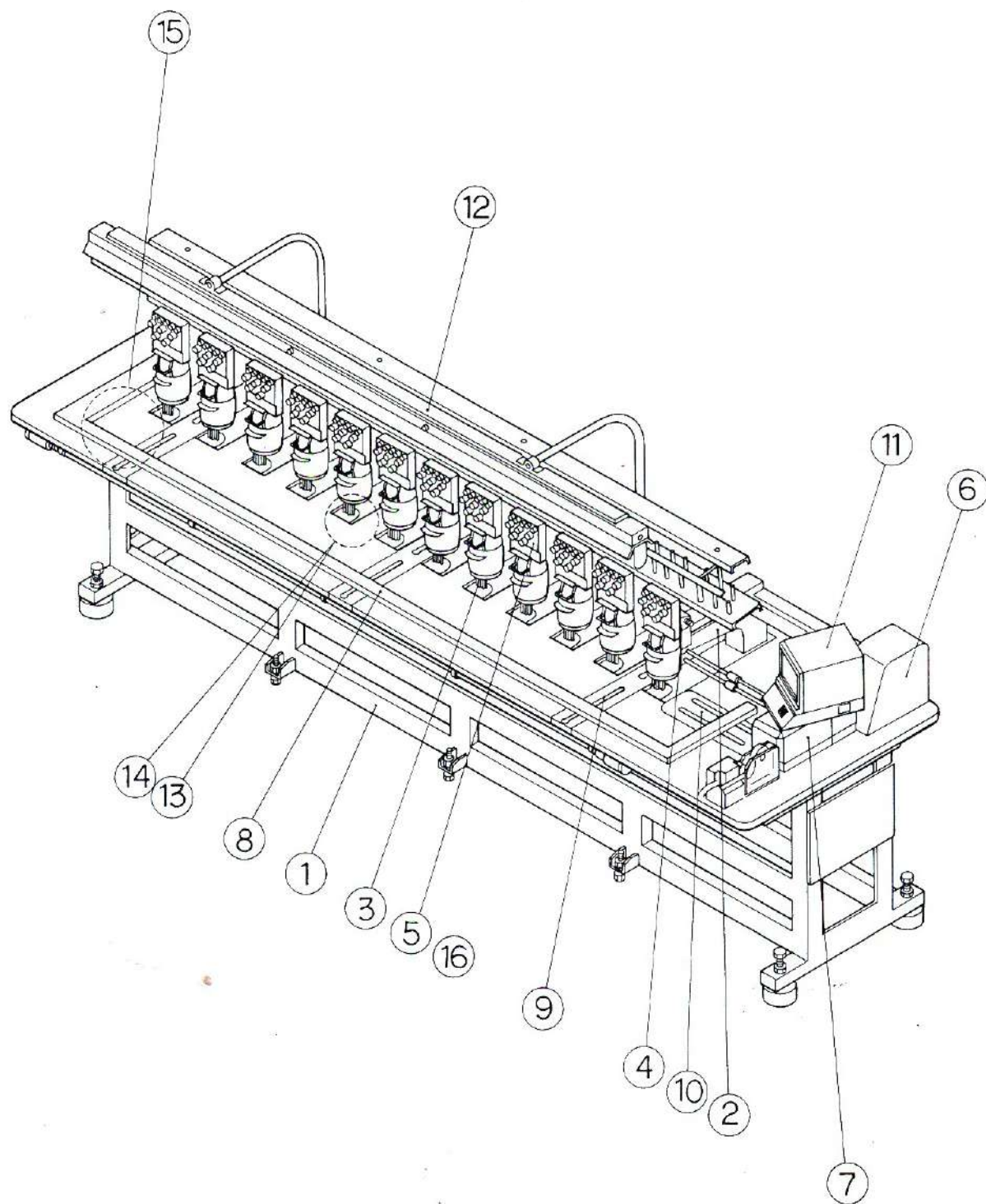
BEMR • BESR • BEX

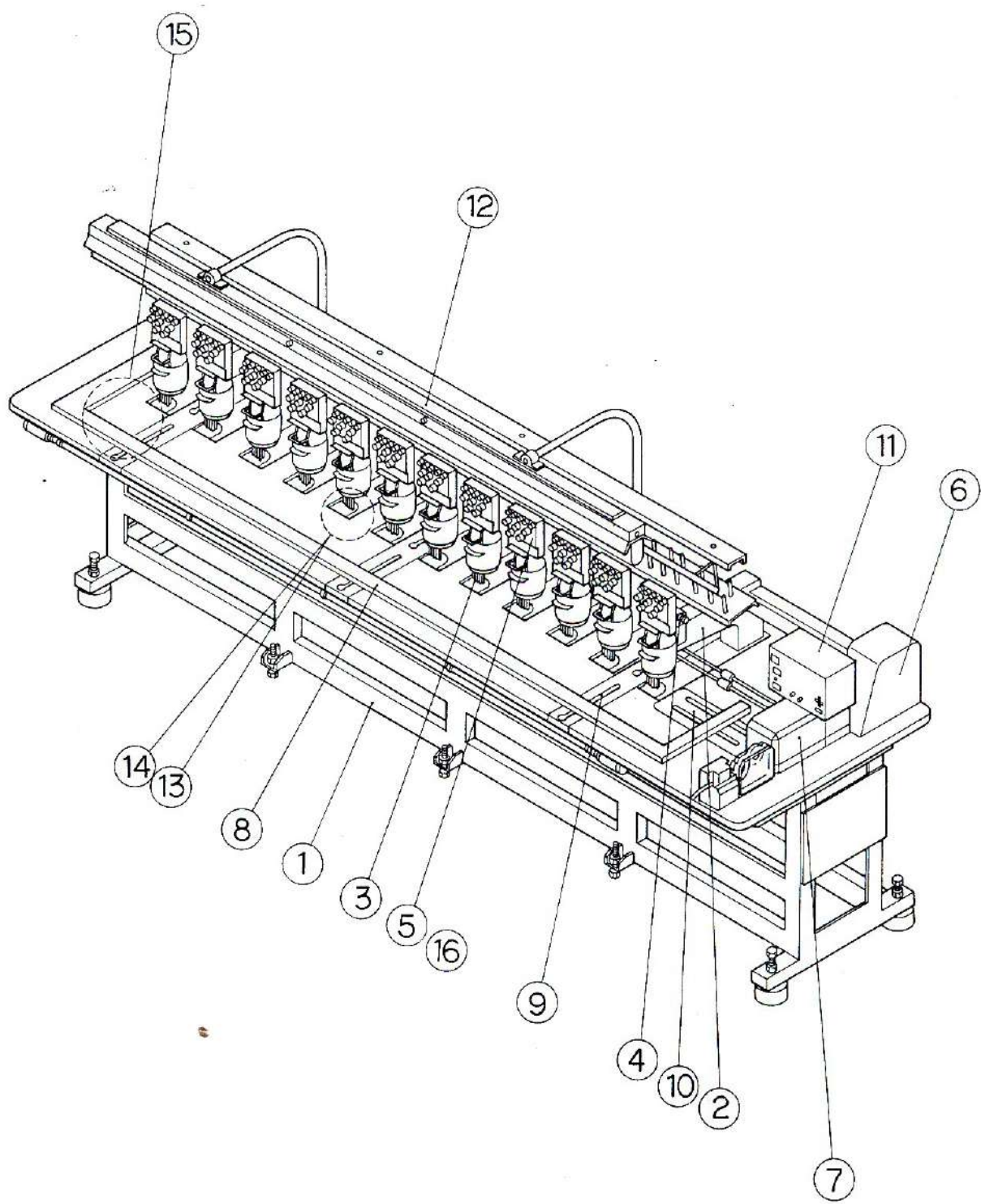
HIGH SPEED AUTOMATIC EMBROIDERY

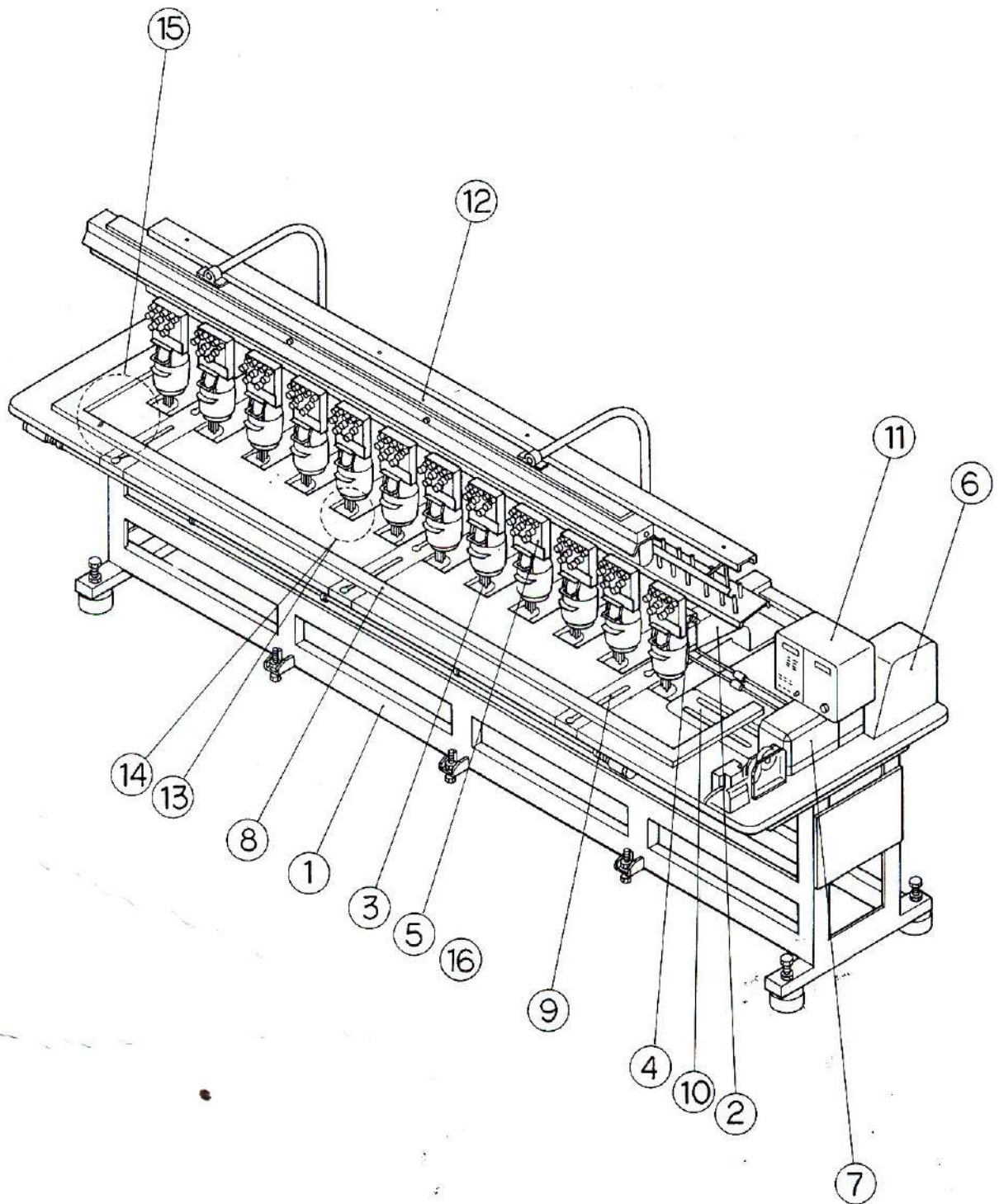
MACHINE PARTS LIST

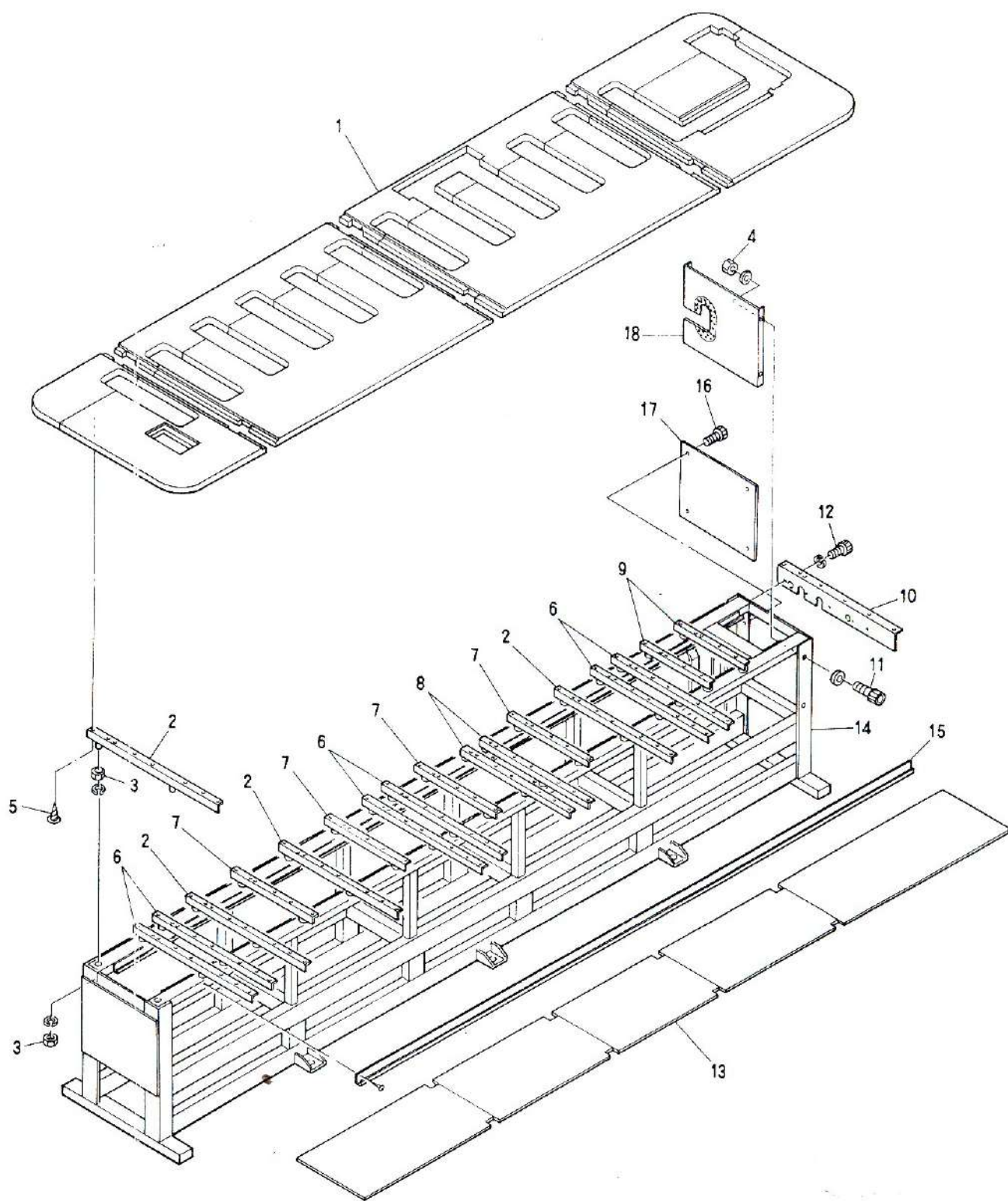
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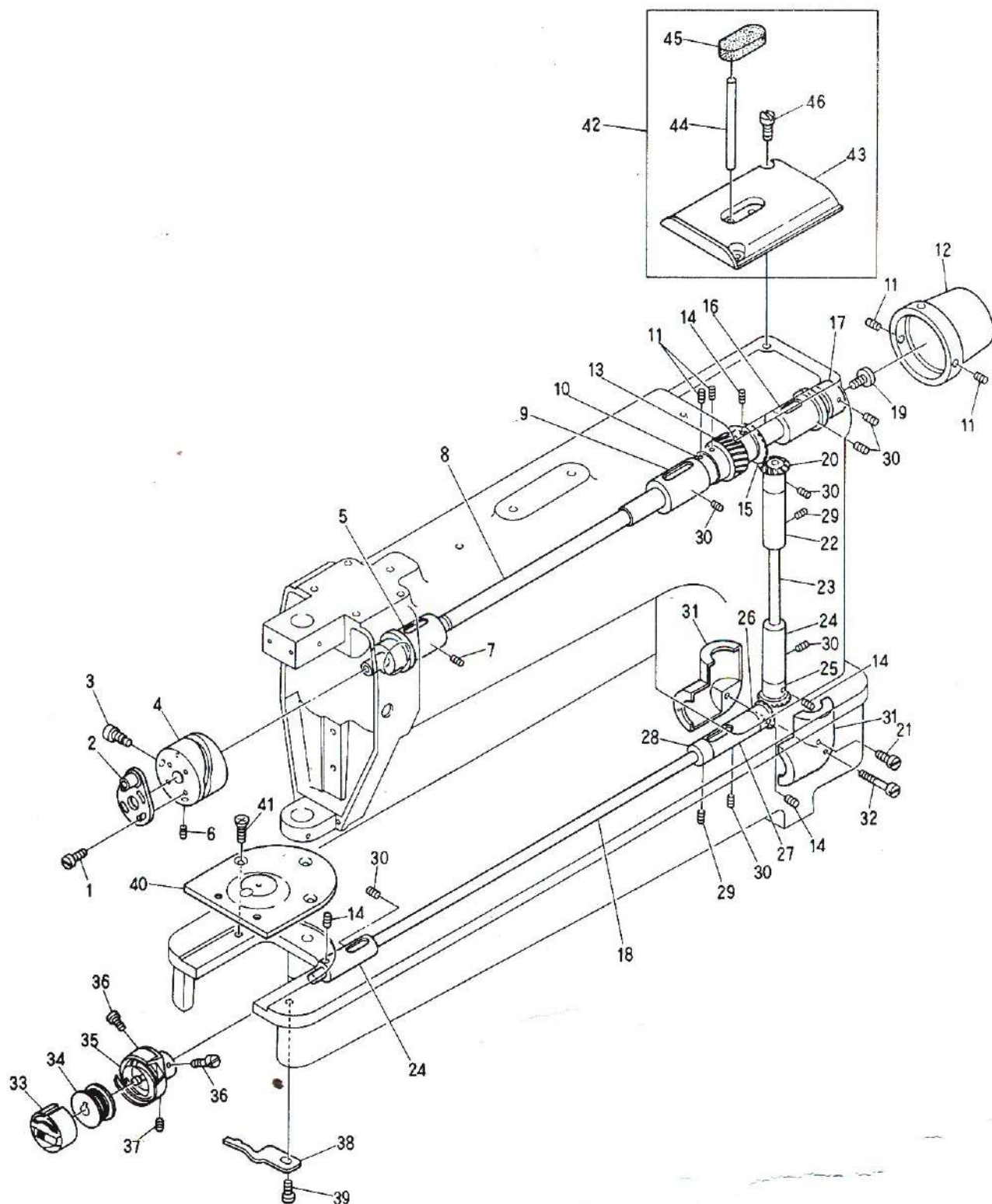






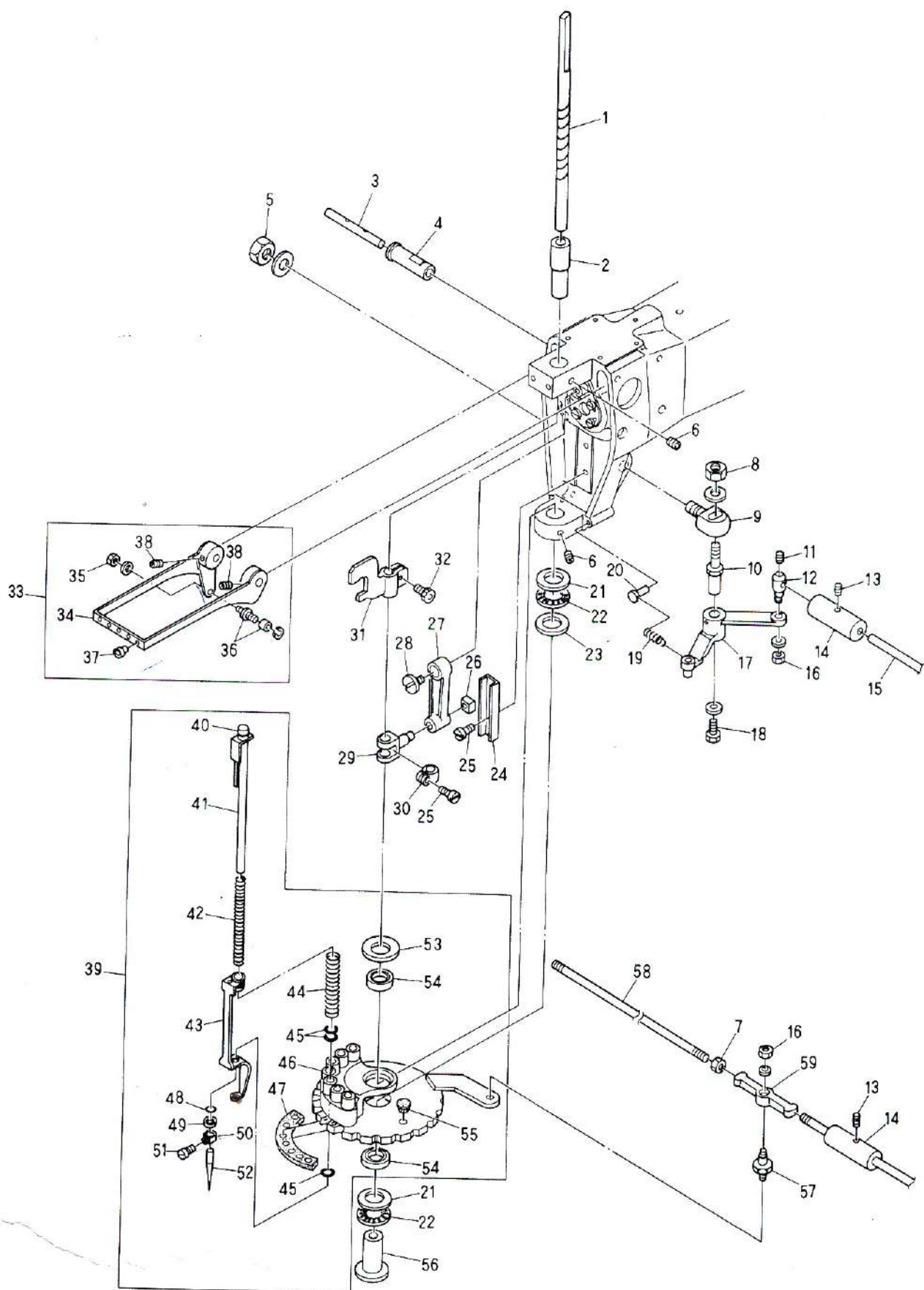
(※Change the PART NO. by machine type)

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② Sewing head a'ssy (※Change the PART NO. by machine type)

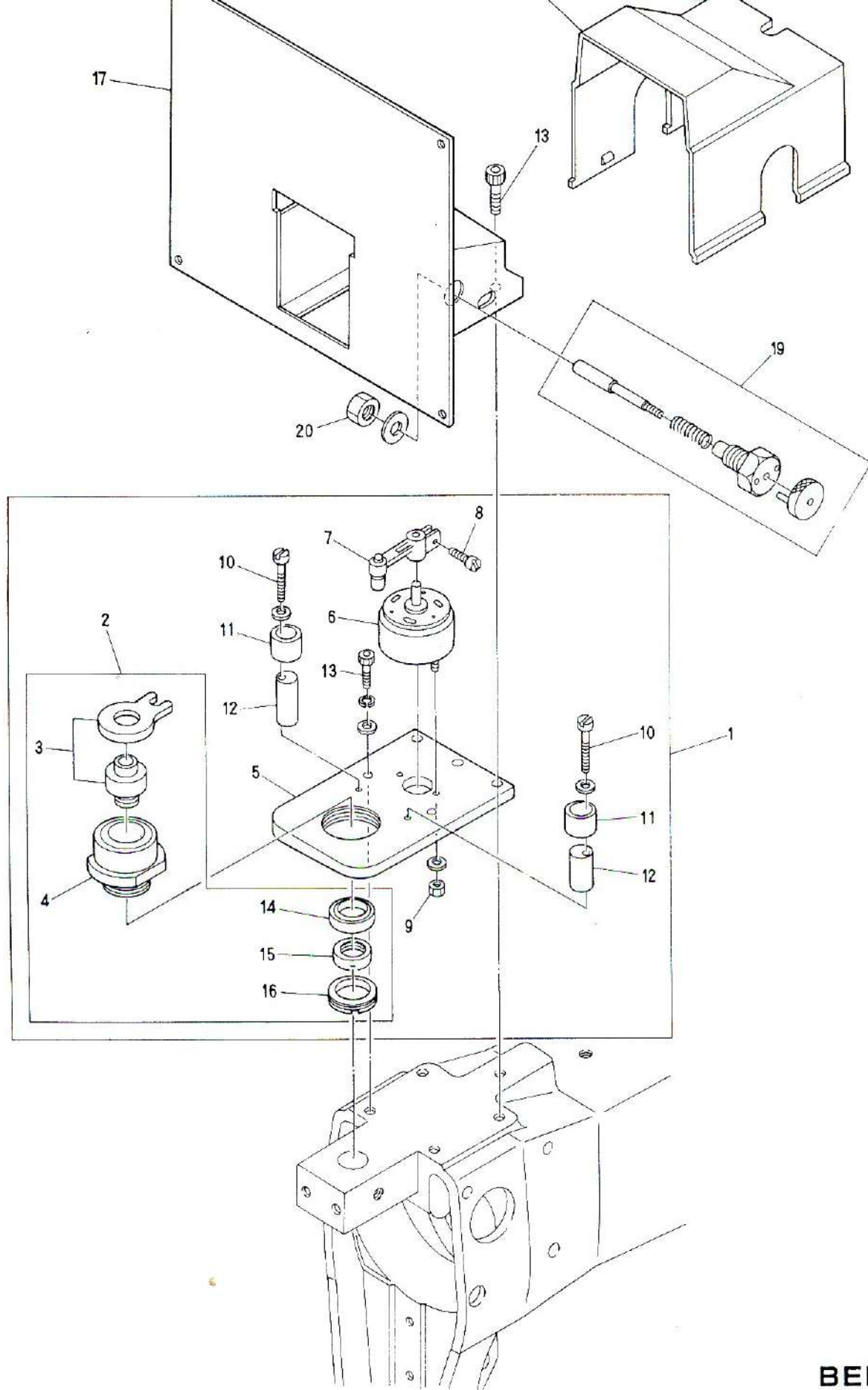
ITEM	PART No	LIST No	DESCRIPTION	Q'TY	REMARK
1	91207	A 9 0 1 2 0 0 7	Screw (for rotating hook bobbin case holder position bracket)	4	
2	2343N00	KN 2 3 0 4 3 0	90° crank	1	
3	2342F	KF 2 3 0 4 2 0	Can set screw	1	
4	2341N00	KN 2 3 0 4 1 0	Take up lever cam G	1	
5	2214F	KF 2 2 0 1 4 0	Arm shaft front bushing	1	
6			Set screw (SM15/64 28×10)		
7			Hex. socket set screw M8×8		
8	2211N00	KN 2 2 0 1 1 0	Arm shaft	1	
9	2216F	KF 2 2 0 1 6 0	Arm shaft middle bushing	1	
10	2218F	KF 2 2 0 1 8 0	Arm shaft collar	1	
11			Hex. socket set screw M6×6		
12	2511F	KF 2 5 0 1 1 0	Arm shaft cover	1	
13	2212F	KF 2 2 0 1 2 0	Arm shaft gear (S)	1	
14			Hex. socket set screw M5×10		
15	2213F	KF 2 2 0 1 3 0	Bevel gear	1	
16	2215F	KF 2 2 0 1 5 0	Arm shaft rear metal	1	
17	2219F	KF 2 2 0 1 9 0	Arm shaft rear collar	1	
18	2221C	KC 2 2 0 2 1 0	Rotating hook shaft	1	
19	2245F	KF 2 2 0 4 5 0	Arm shaft adjusting screw	1	
20	2246F	KF 2 2 0 4 6 0	Bevel gear (upright) (upper)	1	
21			Screw (SM15/64 28×24)		
22	2224F	KF 2 2 0 2 4 0	Arm shaft (upright)bushing (upper)	1	
23	2225F	KF 2 2 0 2 5 0	Arm shaft (upright)	1	
24	2223F	KF 2 2 0 2 3 0	Rotating hook shaft bushing (front)	2	
25	2247F	KF 2 2 0 4 7 0	Bevel gear (Arm shaft (upright) upper)	1	
26	2248F	KF 2 2 0 4 8 0	Bevel gear (Rotating hook shaft)	1	
27	2222F	KF 2 2 0 2 2 0	Rotating hook shaft bushing (rear)	1	
28	2229F	KF 2 2 0 2 9 0	Rotating hook shaft collar	1	
29			Set screw (SM1/4 40×4)		
30			Hex. socket set screw M6×12		
31	2227F	KF 2 2 0 2 7 0	Gear cover set	1	
32			Screw (SM9/32 20×38)		
33	2244F00	KF 2 2 0 4 4 0	Bobbin case (SC35-YS)	1	※
34	2241F	KF 2 2 0 4 1 0	Bobbin	1	※
35	2278F	KF 2 2 0 7 8 0	Rotating hook (HSL-A-M1Q)(TS)	1	※
36			Screw (SM11/64 40×5)		
37			Screw (SM11/64 40×4)		
38	2251F	KF 2 2 0 5 1 0	Rotating hook bobbin case holder position bracket	1	※
39			Screw M5×8		
40	2591N00	KN 2 5 0 9 1 0	Throat plate (standard)	1	※
41	2590F00	KN 2 5 0 9 0 0	Throat plate screw (SM11/64 40×7)	2	
42	2505C00	KC 2 5 1 3 5 0	Top cover a'ssy	1	
43	2516C01	KC 2 5 0 1 6 1	Top cover	1	



③ Needle bar • Take up lever a'ssy (※Change the PART NO. by machine type) (N=needle O'ty)

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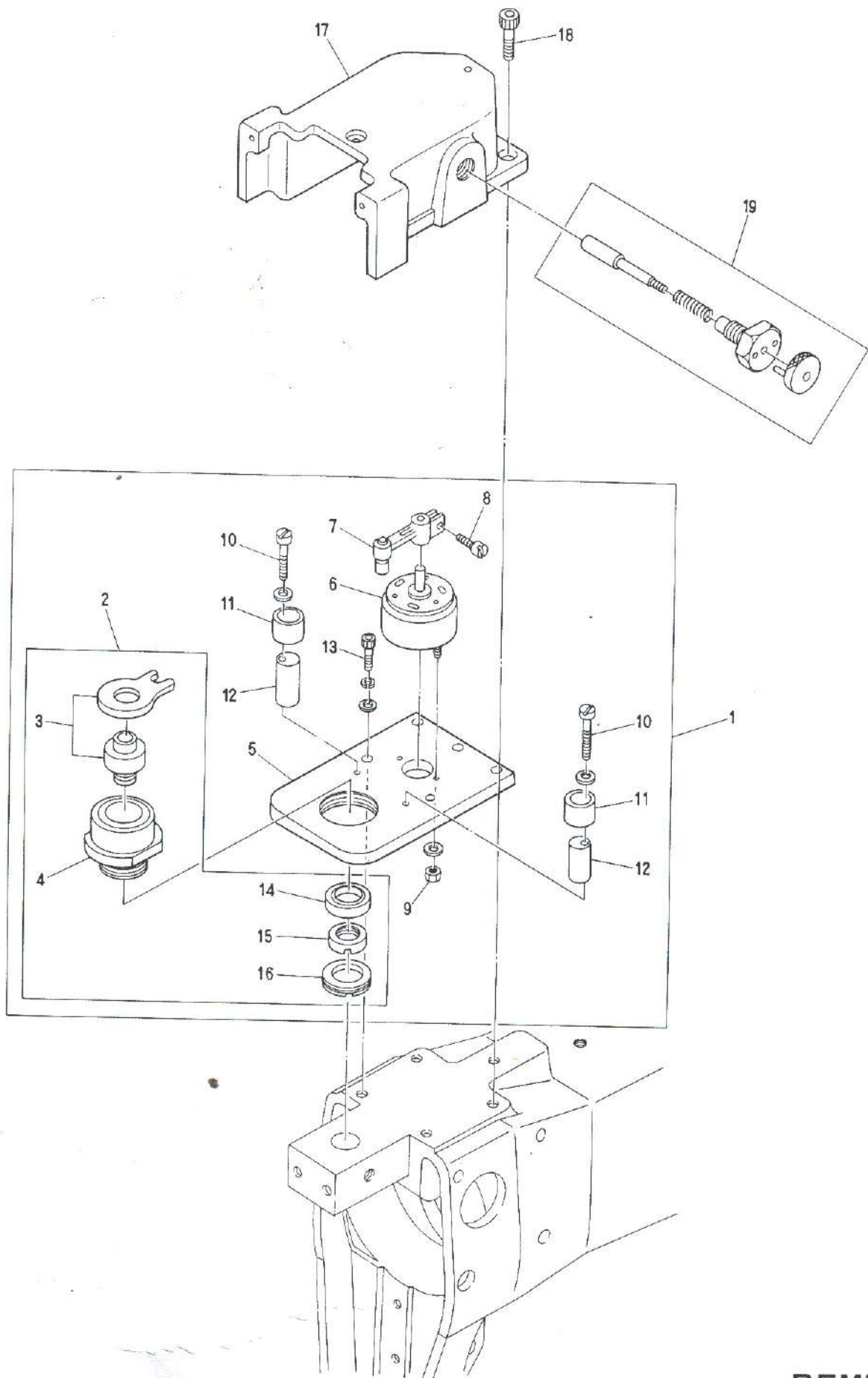
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BEMR
MODEL BESR
B E X

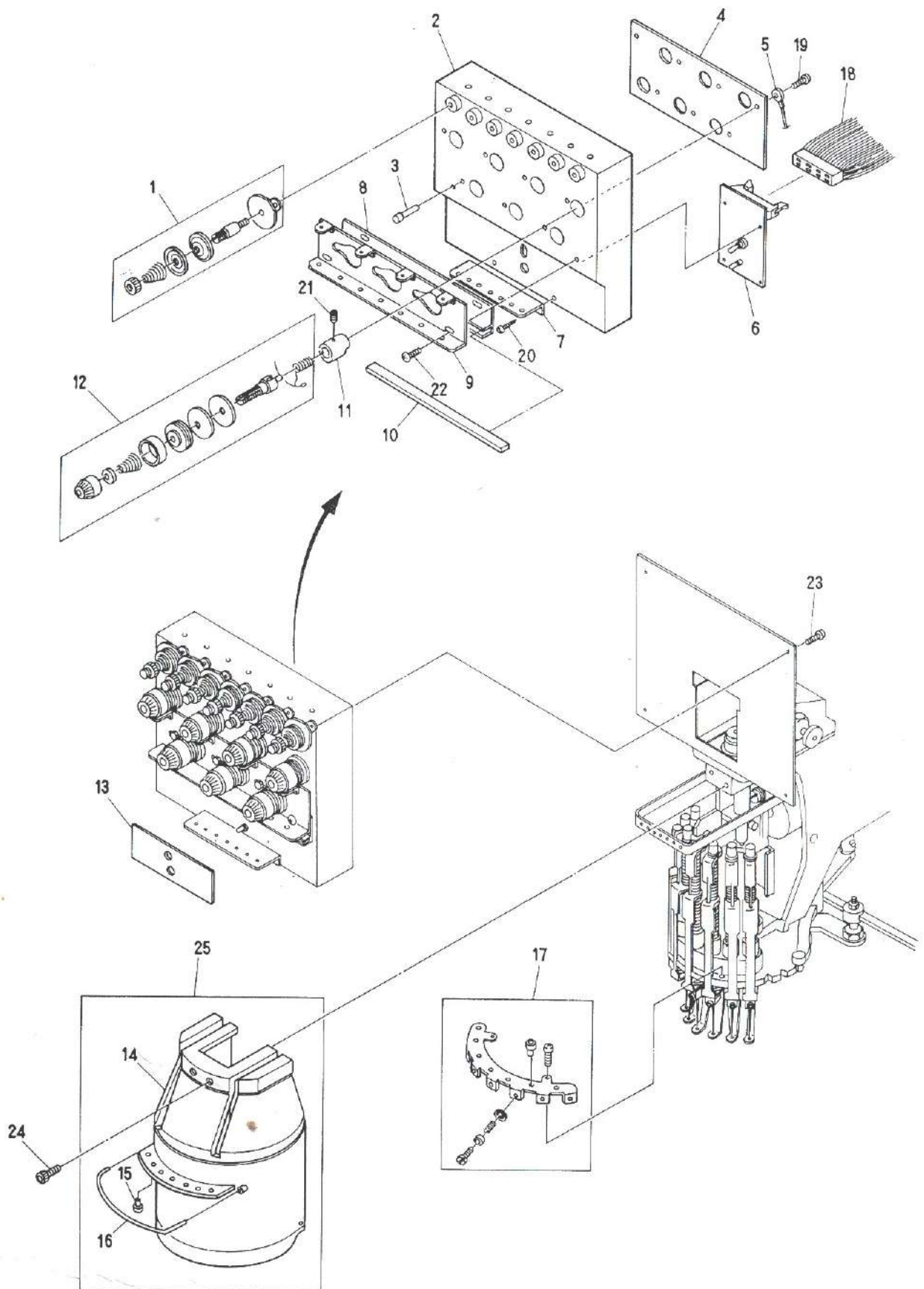
④ Jump mechanism (5 - 7)

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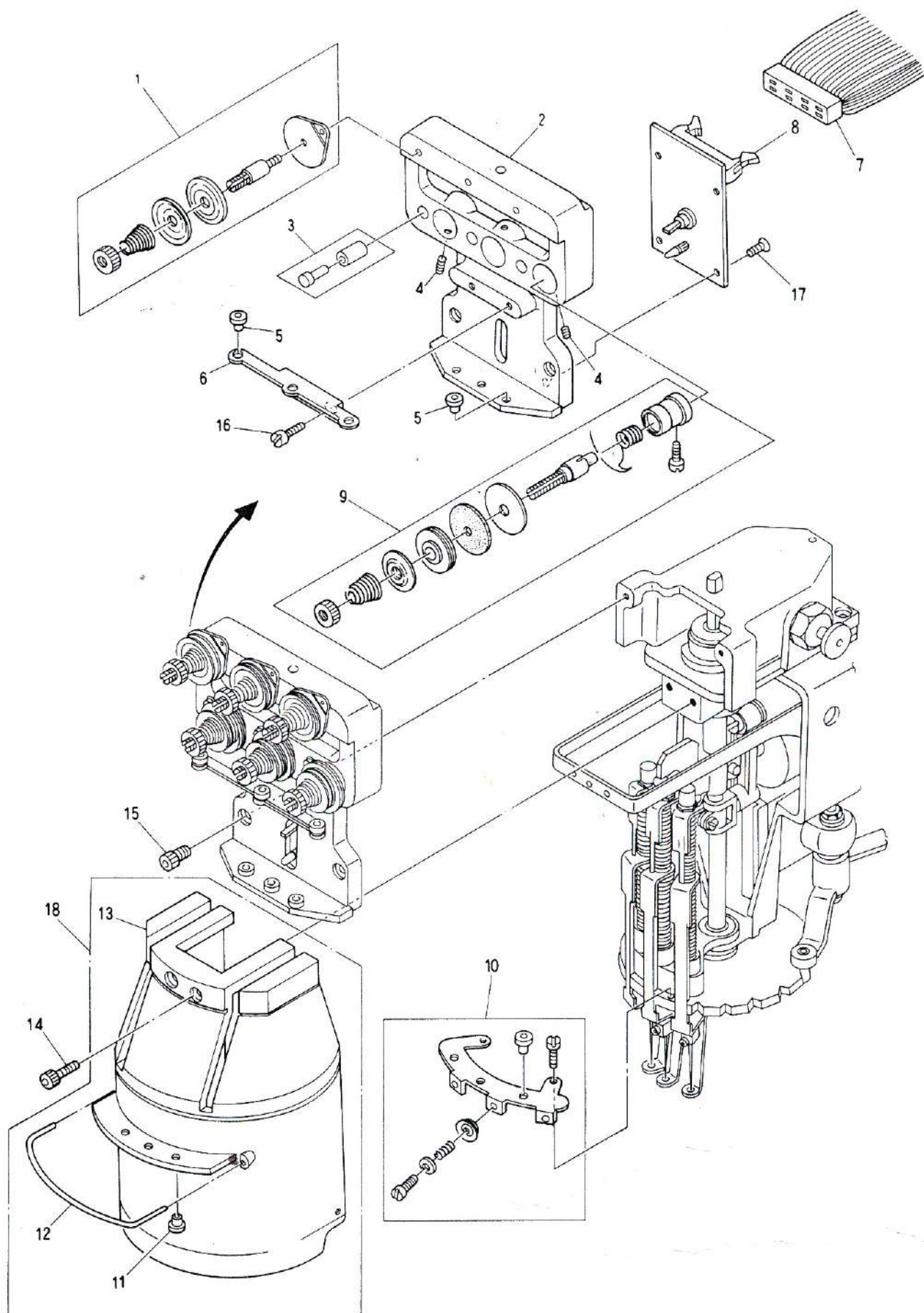
④ Jump mechanism (3)

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⑤ Thread guide mechanism (5 - 7) (※Change the PART NO. by machine type) (N=Needle)

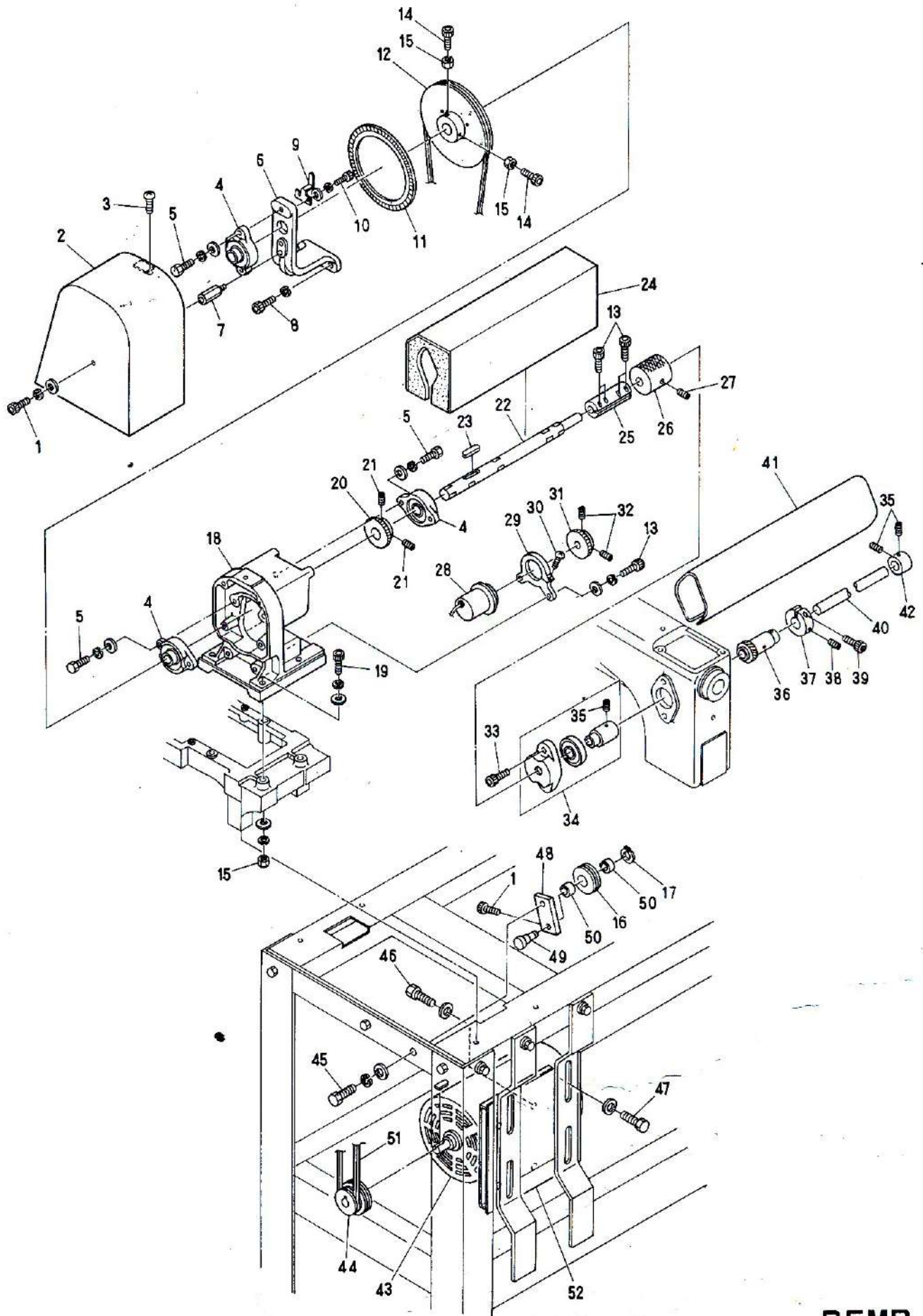
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⑤ Thread guide mechanism (3) (※Change the PART NO. by machine type)

(※Change the PART NO. by machine type)

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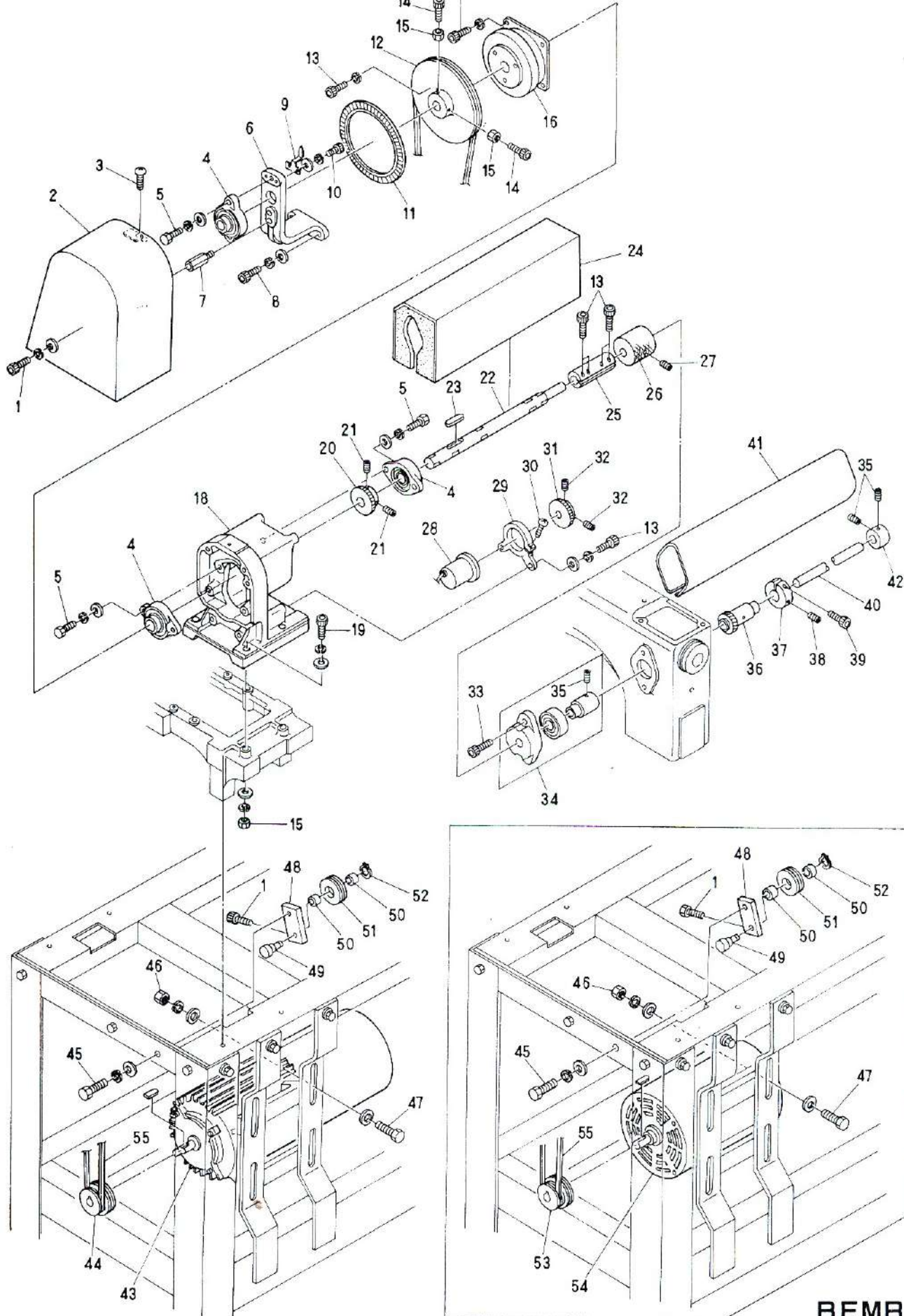
⑥ Drive mechanism <BEMR> (※Change the PART NO. by machine type)

ITEM	PART No.	LIST No.	DESCRIPTION	QTY	REMARK
1			Hex. socket bolt M4×12		
2	31DQND0	KN314540	Belt cover	1	
3			Truss screw M4×8		
4	91117	A9011017	Bearing unit BLF204	3	
5			Hex. bolt M8×25		
6	31FXN00	KN315130	Brake box bearing support	1	
7	31T4N00	KN312940	Belt cover stay	1	
8			Hex. socket bolt M8×25		
9	31EDP00	HP314670	Angle gauge	1	
10			Hex. socket bolt M4×8		
11	31AHN00	KN313670	Angle label (A)	1	
12	31S5C01	KC312851	Driving pulley	1	
13			Hex. socket bolt M6×20		
14			Hex. socket bolt M6×14		
15			Hex. nut M8		
16	31L9C	KC312190	Idler pulley	1	
17	91288	A9012066	C-Ring (φ12)	1	
18	31S1N00	KN312810	Brake box	1	
19			Hex. socket bolt M6×35		
20	31T1C01	KC312911	Encoder driving gear No.1	1	
21			Hex. socket set screw M5×8		
22	31S2N00	KN312820	Brake shaft		
23	3121W00	WW310210	Key 6×6×35	1	
24	3293C	KC320930570	Connecting shaft cover L=570	1	※
25	3255H	HH320550	Arm shaft connecting coupling	1	
26	3259C	KC320590	Hand pulley	1	
27			Hex. socket set screw M6×12		
28	51A2N00	KN511020	Position corder (for 051 embroidery machine)	1	
29	31S9C	KC312890	Encoder support	1	
30			Truss screw M4×15		
31	31T2C01	KC312921	Encoder driving gear No.2	1	
32			Hex. socket set screw M4×8		
33			Hex. socket bolt M6×25		
34	3204F	KF320040	Connecting bearing housing a'ssy (S)	1	
	3205F	KF320050	Connecting bearing housing a'ssy (L)	1	final head
35			Hex. socket set screw M6×6		
36	3251F	KF320510	Connecting gear (L)	1	
37	3252F	KF320520	Connecting gear clamp	1	
38			Hex. socket set screw M6×10		
39			Hex. socket bolt M6×22		
40	3211C01	KC320111	Connecting shaft (15×4000)	2	※
41	3231C	KC320310300	Connecting shaft cover (L=215)	11	※

⑥ Drive mechanism <BEMR>

(※Change the PART NO. by machine type)

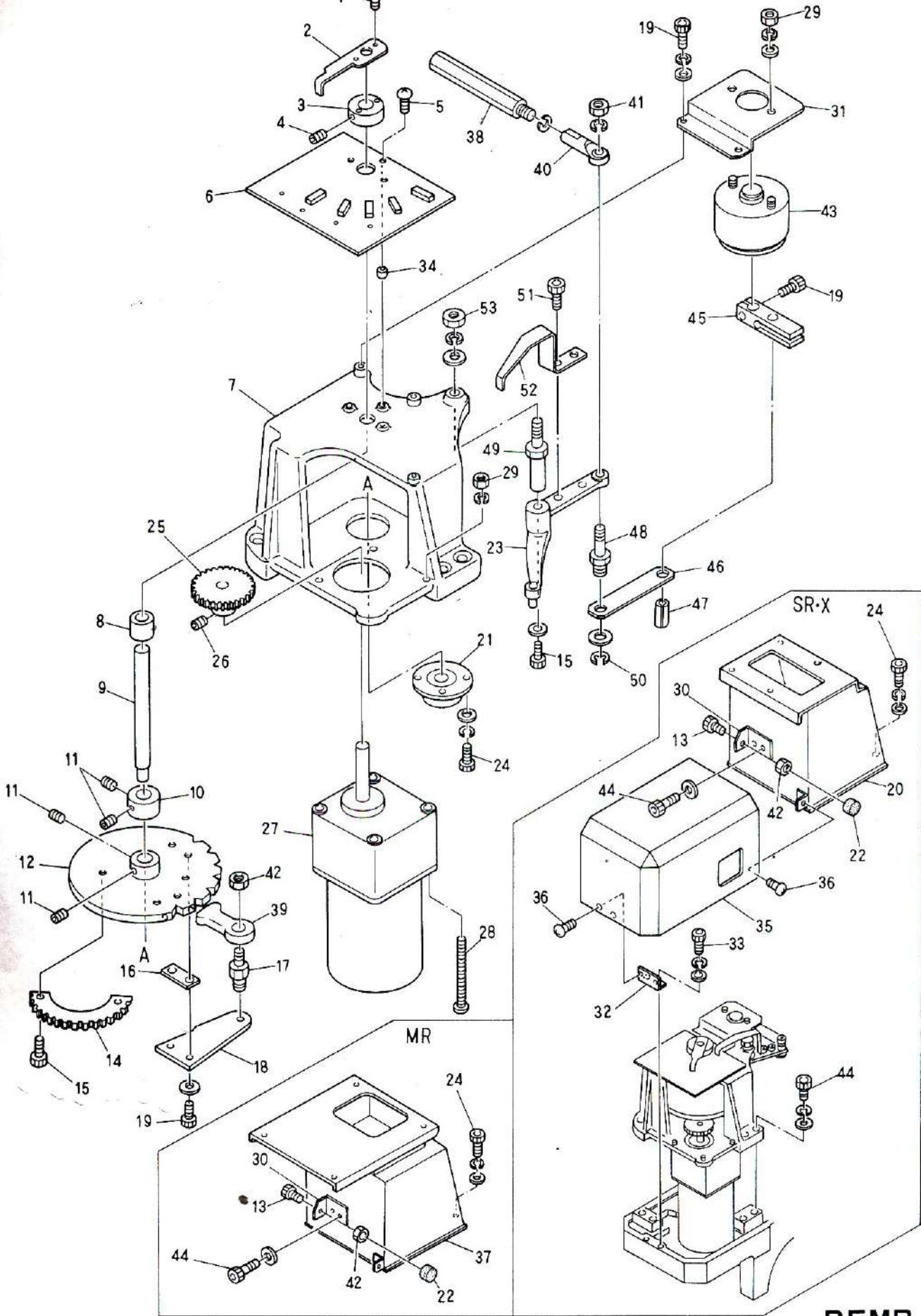
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MODEL
BEMR
BESR
BEX

⑥ Drive mechanism <BESR ■ BEX> (*Change the PART NO. by machine type)

ITEM	PART No.	LIST No.	DESCRIPTION	Q'TY	REMARK
1			Hex. socket bolt M4×12		
2	31DQN00	KN 3 1 4 5 4 0	Belt cover	1	
3			Truss screw M4×8		
4	91117	A 9 0 1 1 0 1 7	Bearing unit (BLF204)	3	
5			Hex. bolt M8×25		
6	31FXN00	KN 3 1 5 1 3 0	Brake box bearing support	1	
7	31T4N00	KN 3 1 2 9 4 0	Belt cover stay	1	
8			Hex. socket bolt M8×25		
9	31EDP00	HP 3 1 4 6 7 0	Angle gauge	1	
10			Hex. socket bolt M4×8		
11	31AHN00	KN 3 1 3 6 7 0	Angle label (A)	1	
12	31S5C01	KC 3 1 2 8 5 1	Driving pulley	1	
13			Hex. socket bolt M6×20		
14			Hex. socket bolt M6×14		
15			Hex. nut M6		
16	31S0C	KC 3 1 2 8 0 0	Brake unit	1	
17			Hex. socket bolt M5×12		
18	31S1N00	KN 3 1 2 8 1 0	Brake box	1	
19			Hex. socket bolt M6×35		
20	31T1C01	KC 3 1 2 9 1 1	Encoder driving gear No1	1	
21			Hex. socket set screw M5×8		
22	31S2N00	KN 3 1 2 8 2 0	Brake shaft		
23	3121W00	WW 3 1 0 2 1 0	Key 6×6×35	1	
24	3293C	KC 3 2 0 9 3 0 5 7 0	Connecting shaft cover (L=570)	1	※
25	3255H	HH 3 2 0 5 5 0	Arm shaft connecting coupling	1	
26	3259C	KC 3 2 0 5 9 0	Hand pulley	1	
27			Hex. socket set screw M6×12		
28	51A2N00	KN 5 1 1 0 2 0	Position corder (for 051 embroidery machine)	1	
29	31S9C	KC 3 1 2 8 9 0	Encoder support	1	
30			Truss screw M4×15		
31	31T2C01	KC 3 1 2 9 2 1	Encoder driving gear No2	1	
32			Hex. socket set screw M4×8		
33			Hex. socket bolt M6×25		
34	3204F	KF 3 2 0 0 4 0	Connecting bearing housing a'ssy (S)	1	
	3205F	KF 3 2 0 0 5 0	Connecting bearing housing a'ssy (L)	1	final head
35			Hex. socket set screw M6×6		
36	3251F	KF 3 2 0 5 1 0	Connecting gear (L)	1	
37	3252F	KF 3 2 0 5 2 0	Connecting gear clamp	1	
38			Hex. socket set screw M6×10		
39			Hex. socket bolt M6×22		
40	3211C01	KC 3 2 0 1 1 1	Connecting shaft (φ15×4000)	2	※
41	3231C	KC 3 2 0 3 1 0 3 0 0	Connecting shaft cover (L=215)	1	※
42	3291F	KF 3 2 0 9 1 0	φ15 Collar	1	final head
43	3112C	KC 3 1 0 1 2 0	Motor (Fuji PS401)	1	
44	31DYN00	KN 3 1 4 6 2 0	Motor pulley (SR, 1P 50HZ)	1	



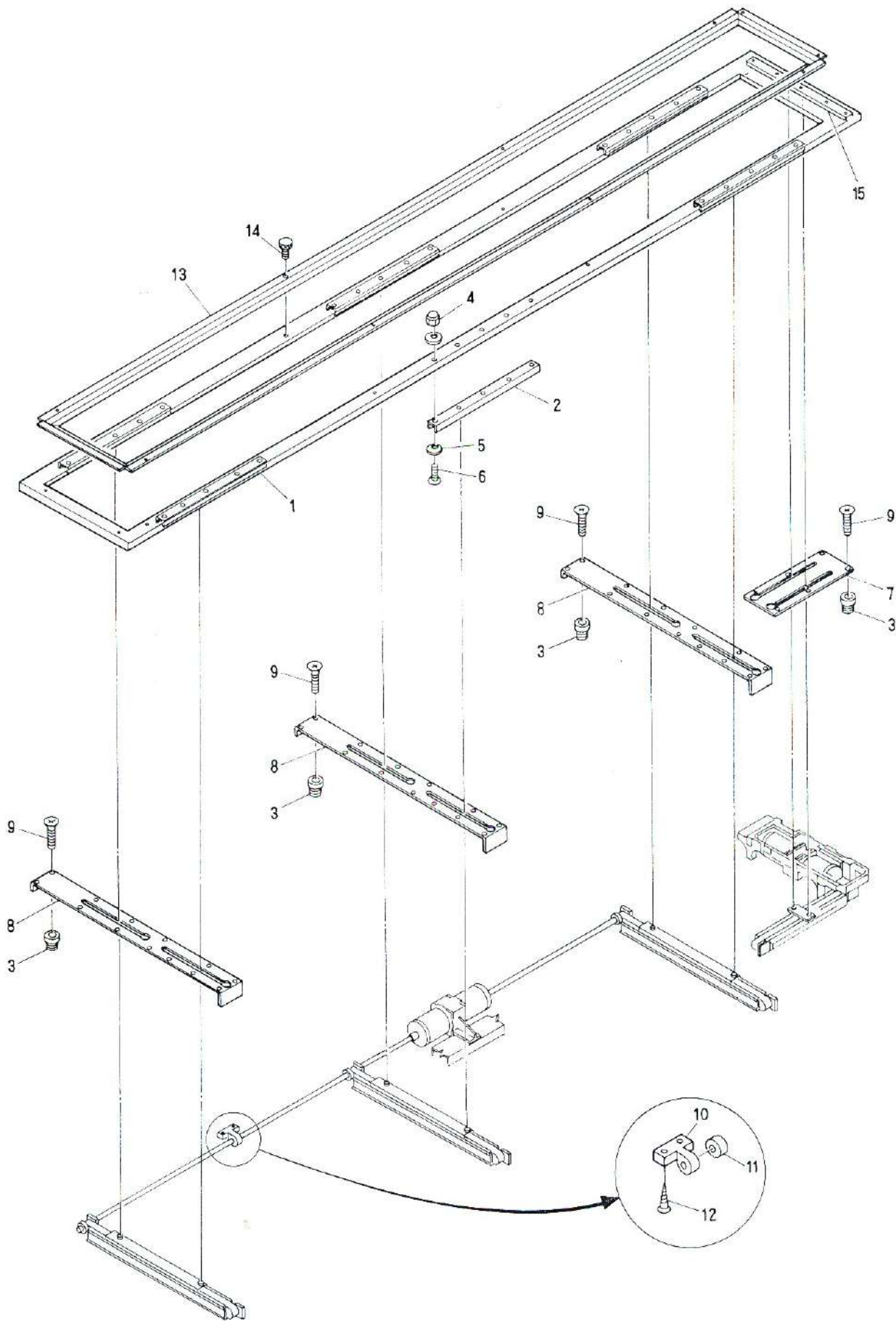
BEMR
BESR
B E X

⑦ Color change mechanism

ITEM	PART No.	LIST No.	DESCRIPTION	Q'TY	REMARK
1			Flush screw M3×8		
2	3328C	KC330280	Detection plate	1	
3	3317C	KC330170	Plate collar	1	
4			Hex. socket set screw M5×10		
5			Flush screw M3×12		
6	55C0180	EBY00180	3740 Needle positioner (US)	1	
7	3313C	KC330310	Needle turning unit base	1	
8	3319C	KC330190	Oil-less metal	1	
9	3316C	KC330160	Needle turning shaft	1	
10	3318C	KC330180	Collar φ10	1	
11			Hex. socket set screw M5×6		
12	3315G	KG330150	US Control turning plate	1	
13			Hex. socket bolt M5×30		
14	3322G	KG330220	Needle turning gear No.2	1	
15			Hex. socket bolt M5×12		
16	2373G	KG230730	Turret plate lever spacer	1	
17	2336F	KF230360	Turret plate joint pin	1	
18	2335F	KF230350	Turret plate lever	1	
19			Hex. socket bolt M5×15		
20	3312N01	KN330121	Automat base (BESR-X)	1	
21	3361C	KC330610	Oil-less bearing (OCHIAI) S/S LSB-68-080V	1	
22	2315F	KF230150	Needle bar cap	1	
23	2361C	KG230610	US Lock lever 5	1	
24			Hex. socket bolt M6×12		
25	3321C	KC330210	Needle turning gear No.1 (0.8M50T)	1	
26			Hex. socket set screw M4×8		
27	3381C	KC330810	Gear motor RM-F6A5PC3-AS-120	1	
28			Flush screw M4×65		
29			Hex. nut M4		
30	3327A00	MA330270	Lock lever stopper	1	
31	3326C	KC330260	Bracket lock rotary solenoid	1	
32	3391C	KC330910	Cover bracket	1	
33			Hex. socket bolt M5×10		
34	912K3	A9012203	Spacer 4×4	3	
35	3314C	KC330140	Cover	1	
36			Truss screw M4×8		
37	33K1N00	KN332010	Automat base (BEMR)	1	
38	3351C	KC330510	Hex. connecting bar (L)	1	
39	91201	A9012001	Uniball joint (NMB RD4020R)	1	
40	91202	A9012002	Uniball joint (NMB PR-6)	1	
41			Hex. nut M16		
42			Spring washer 16		
43	3385C	KC330850	Rotary solenoid 6SR-25 (27×4×9)	1	
44			Hex. socket bolt M6×30		

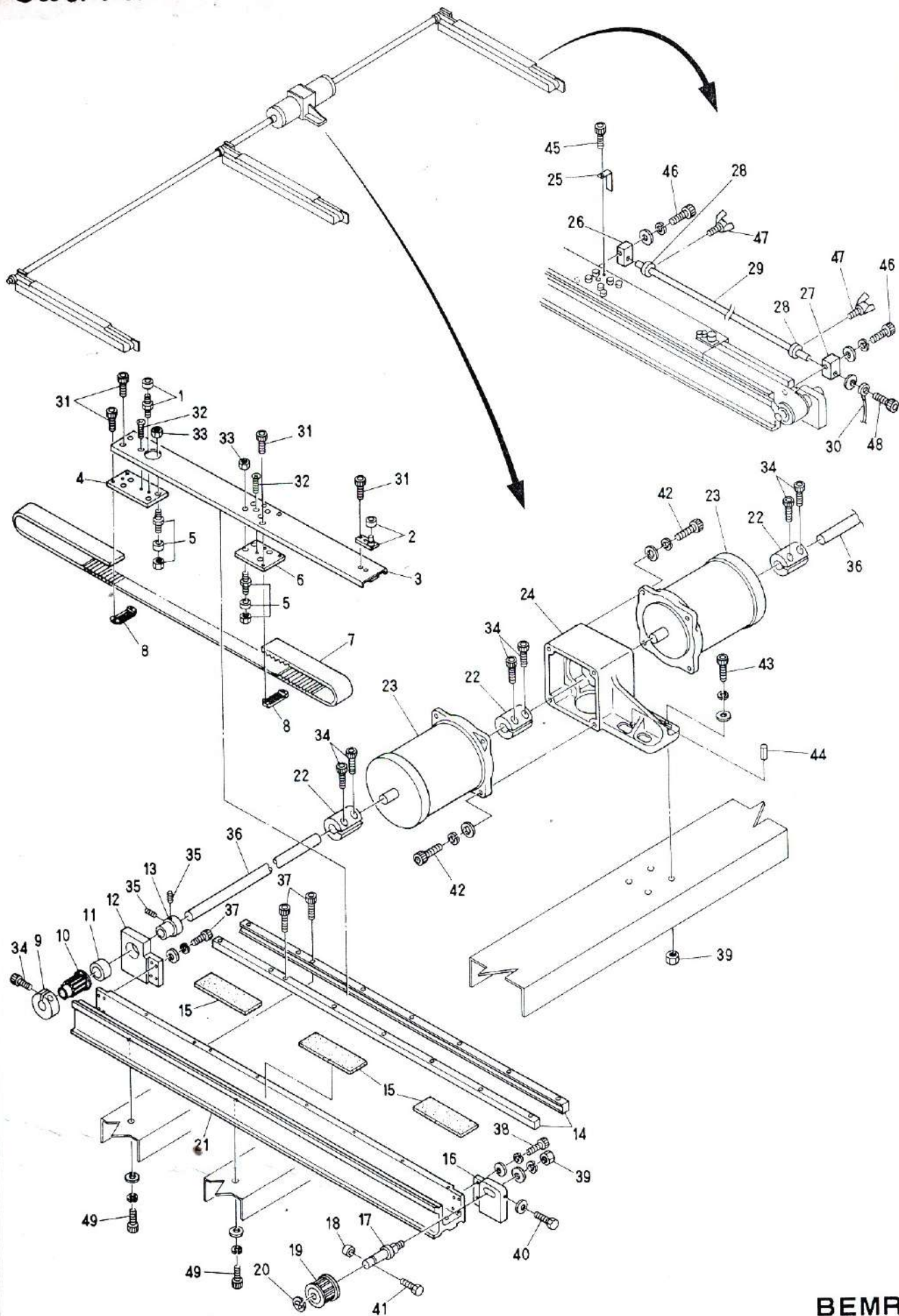
⑦ Color change mechanism

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MODEL
BEMR
BESR
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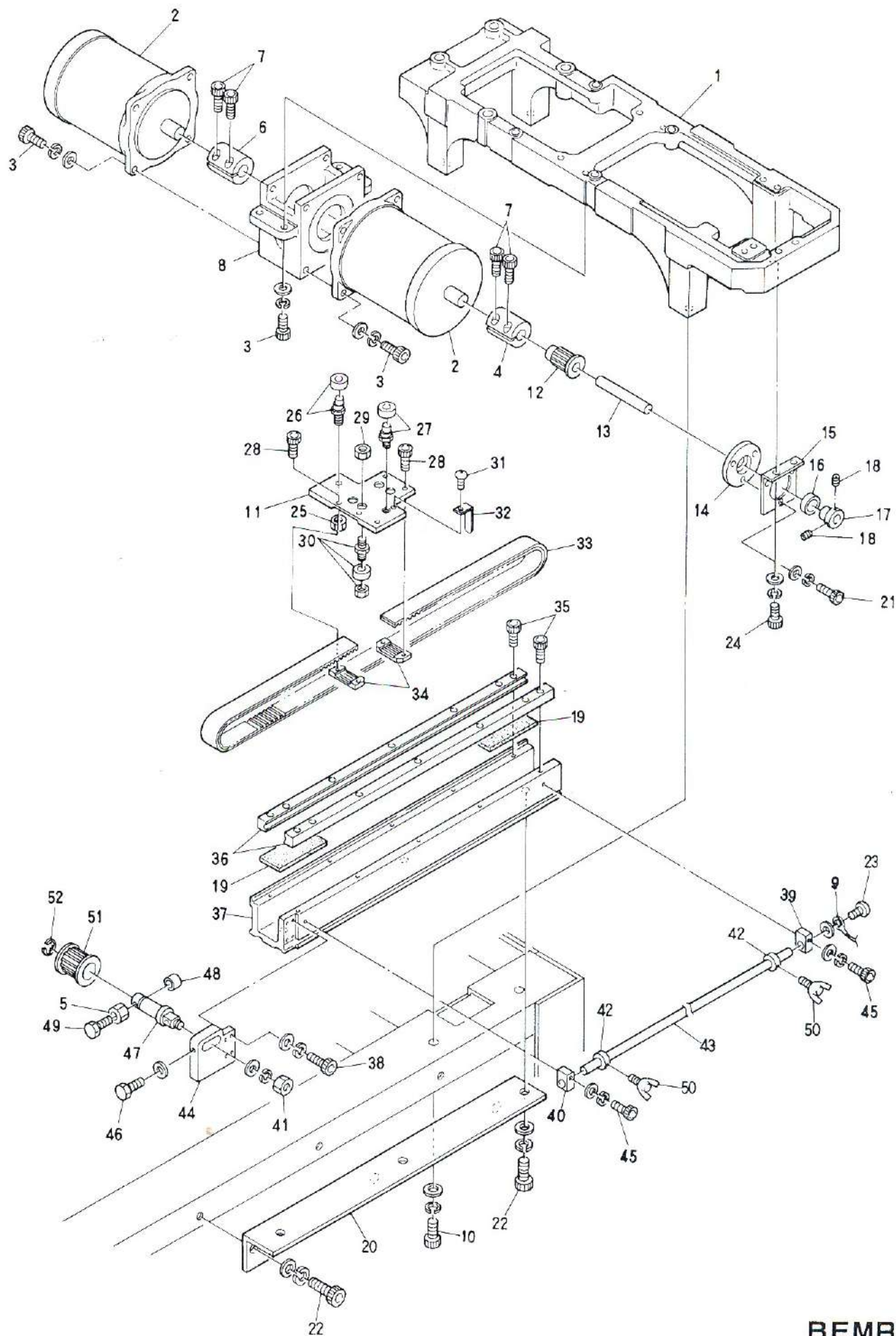


⑨ Pantograph drive mechanism (H-Direction) II

ITEM	PART No	LIST No	DESCRIPTION	Q'TY	REMARK
1	48X7P00	HP 4 8 3 3 7 0	Guide rail bearing pin a'ssy	1	
2	48X9P00	HP 4 8 3 3 9 0	Guide rail bearing pin a'ssy (H)	1	
3	48Y4N00	KN 4 8 3 4 4 0	H-member connecting channel	1	
4	48S7N01	KN 4 8 2 8 7 1	H roller base (rear)	1	
5	48T5P00	HP 4 8 2 9 5 0	Roller pin a'ssy A	8	
6	48S8N00	KN 4 8 2 8 8 0	H roller base (Front)	1	
7	92098	A 9 0 2 0 0 9 8	Timing belt (300S5M2000)	1	3cm. largura 2m comprimento
8	48T4P00	HP 4 8 2 9 4 0	Timing belt rack (5M)	2	
9	48J8H	HH 4 8 1 9 8 0	φ19 Clamping	1	
10	48T9P00	HP 4 8 2 9 9 0	Pantograph driving pulley (Rear) (S5M)	1	
11	91163	A 9 0 1 1 0 6 3	Needle bearing (TLA2016)	1	
12	48K1N00	KN 4 8 2 0 1 0	H guide rear pulley bracket	1	
13	48J7H	HH 4 8 1 9 7 0	Pulse motor connecting shaft collar	1	
14	48Y5N00	KN 4 8 3 4 5 0	V guide rail (L=660)	2	
15	4806N01	KN 4 8 0 0 6 1	Rail base felt (SR 100×38×6)	3	
16	48K0N00	KN 4 8 2 0 0 0	H guide front pulley bracket	1	
17	48J9H01	HH 4 8 1 9 9 1	Timing pulley shaft	1	
18	48L1H	HH 4 8 2 1 1 0	Pulley shaft bolt cap	1	
19	48T6P00	HP 4 8 2 9 8 0	Pantograph driving pulley (Front) (S5M)	1	
20	91252	A 9 0 1 2 0 5 2	E-ring φ10	1	
21	48Y0N00	KN 4 8 3 4 0 0	H guide rail base (BESR)	1	
22	48J3H01	HH 4 8 1 9 3 1	Pulse motor coupling	3	
23	48J0H	HH 4 8 1 9 0 0	Pulse motor (4M)	2	
24	4715N01	KN 4 7 0 1 5 1	H pulse motor bracket	1	
25	4681P00	HP 4 6 0 8 1 0	Pantograph stopping sensor plate (H)	1	
26	4682N00	KN 4 6 0 8 2 0	Pantograph stopping bar bracket (R)	1	
27	4683N00	KN 4 6 0 8 3 0	Pantograph stopping bar bracket (L)	1	
28	4547C	KC 4 5 0 4 7 0	Pantograph stopping collar	2	
29	45A4N00	KN 4 5 1 0 4 0 3 2	Pantograph stopping bar (H) (L=380)	1	
30	95333	A 9 0 5 3 0 3 3	Pantograph stopping single cable (0.75×180)	1	
31			Hex. socket bolt M4×6		
32			Pan screw M4×8		
33			Hex. nut M5		
34			Hex. socket bolt M5×18		
35			Hex. socket set screw M5×8		
36			Pulse motor connecting shaft φ15	2	
37			Hex. socket bolt M4×15		
38			Hex. socket bolt M4×18		
39			Hex. nut M8		
40			Hex. socket bolt M4×25		
41			Hex. socket bolt M4×40		
42			Hex. socket bolt M6×25		
43			Hex. socket bolt M8×40		
44			Roll pin φ4×30	2	
45			Hex. socket bolt M3×8		

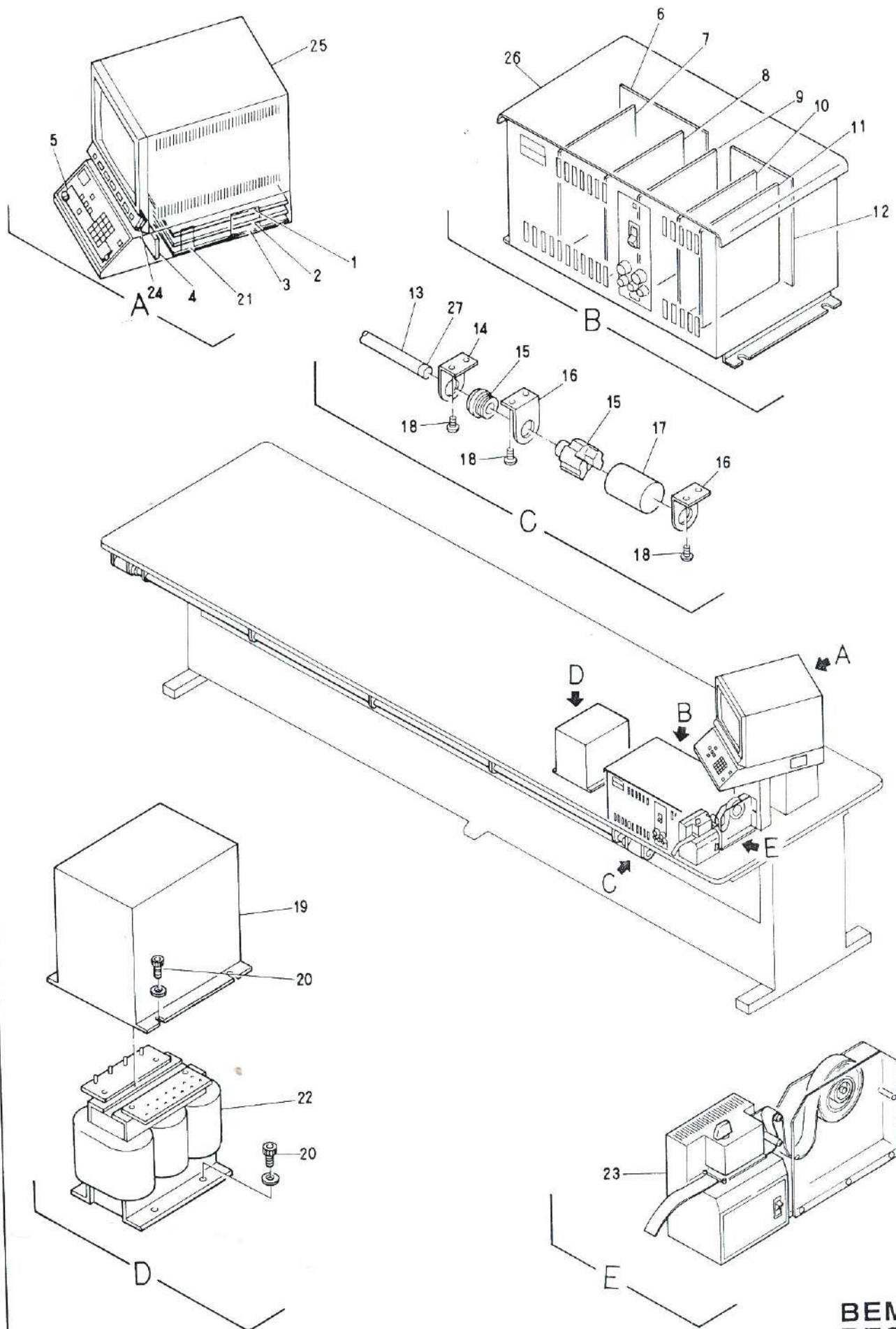
⑨ Pantograph drive mechanism (H-Direction) II

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⑩ Pantograph drive mechanism (V-Direction) III (※Change the PART NO. by machine type)

ITEM	PART No.	LIST No.	DESCRIPTION	Q'TY	REMARK
1	3311N00	KN330110	Control unit base	1	
2	48J0H	HH481900	Pulse motor (4M)	2	
3			Hex. socket bolt M6×25		
4	4915N00	KN490150	V Pulse motor coupling	1	
5			Hex. nut M4		
6	48J3H01	HH481931	Pulse motor coupling	1	
7			Hex. socket bolt M5×28		
8	4716N01	KN470161	V Pulse motor bracket	1	
9	95333	A9053033	Pantograph stopping singl cable (0.75×180)	1	
10			Hex. socket bolt M8×20		
11	48S9N00	KN482890	V roller base	1	
12	48T9P00	HP482990	Pantograph driving pully (rear) (S5M)	1	
13	4914N00	KN490140	V timing belt shaft	1	
14	4913N00	KN490130	V timing belt shaft bearing housing	1	
15	4912N00	KN490120	Bearing bracket	1	
16	91163	A9011063	Needle bearing (TLA 2016)	1	
17	48J7H	HH481970	Pulse motor connecting shaft collar	1	
18			Hex. socket set screw M5×8		
19	4806N01	KN480061	Rail base felt (SR 100×38×6)	2	
20	4746C	KC470460	V guide rail base bracket	1	※
21			Hex. socket bolt M4×8		
22			Hex. socket bolt M8×20		
23			Pan screw M4×12		
24			Hex. socket bolt M5×12		
25			Hex. nut M3		
26	48V1P01	HP483111	Guide rail bearing pin a'ssy B	1	
27	48X7P00	HP483370	Guide rail bearing pin a'ssy	1	
28			Hex. socket bolt M3×6		
29			Hex. nut M5		
30	48T5P00	HP482950	Roller pin a'ssy A	4	
31			Truss screw M3×6		
32	4680P00	HP460800	Pantograph stopping sensor plate (V)	1	
33	92098	A9020098	Timing belt (300S5M2000)	1	
34	48T4P00	HP482940	Timing belt rack (5M)	2	
35			Hex. socket bolt M4×15		
36	48Y5N00	KN483450	V guide rail (L=660)	2	※
37	48Y1N00	KN483410	V guide rail base (stroke 350)	1	※
38			Hex. socket bolt M4×18		
39	4683N00	KN460830	Pantograph stopping bar bracket (R)	1	
40	4682N00	KN460820	Pantograph stopping bar bracket (L)	1	
41			Hex. nut M8		
42	4547C	KC450470	Pantograph stopping collar	2	
43	45A5N00	KN451050	Pantograph stopping bar V (L=394)	1	※
44	48K0N00	KN482000	H guide front pully bracket	1	



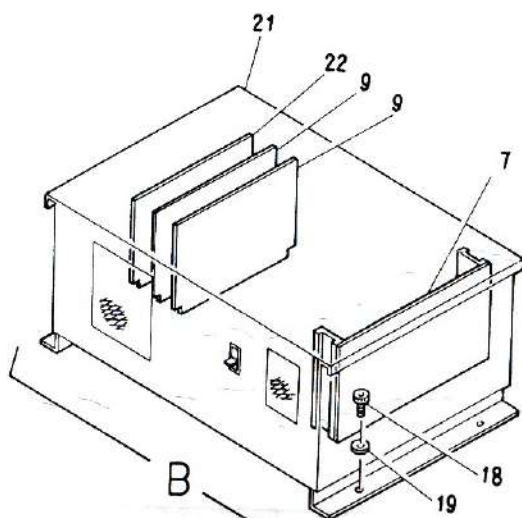
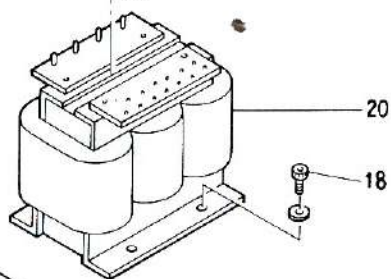
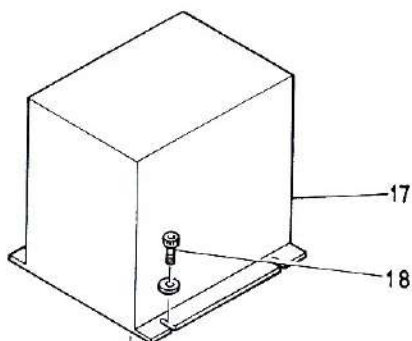
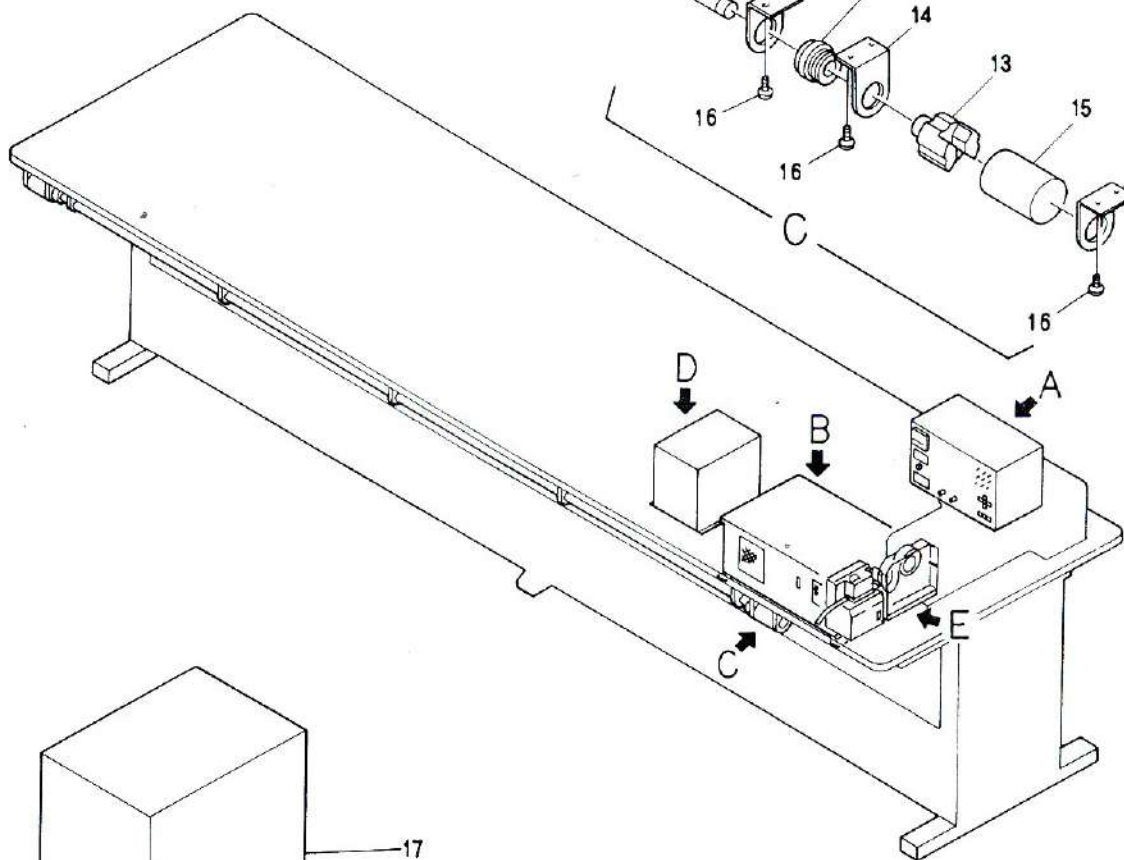
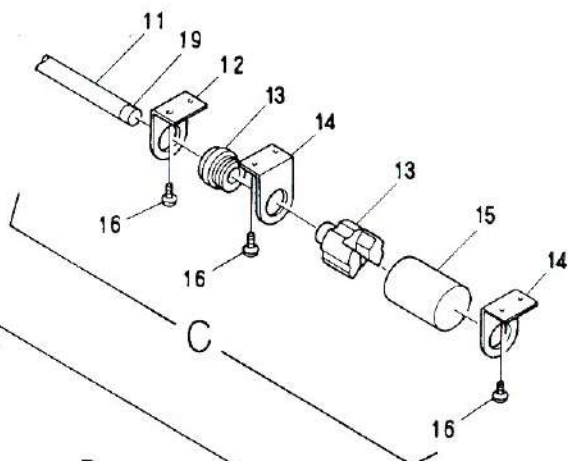
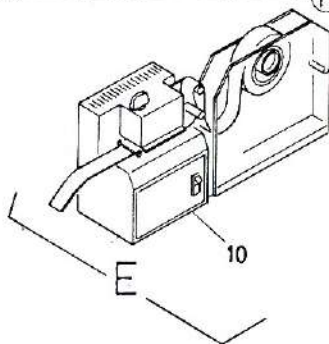
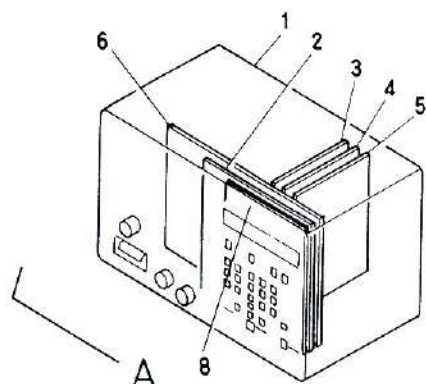
MODEL
BEMR
BESR
BEX

⑪ Control system <BEMR>

[illegible]

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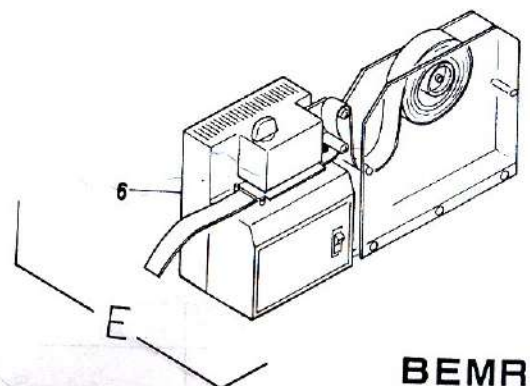
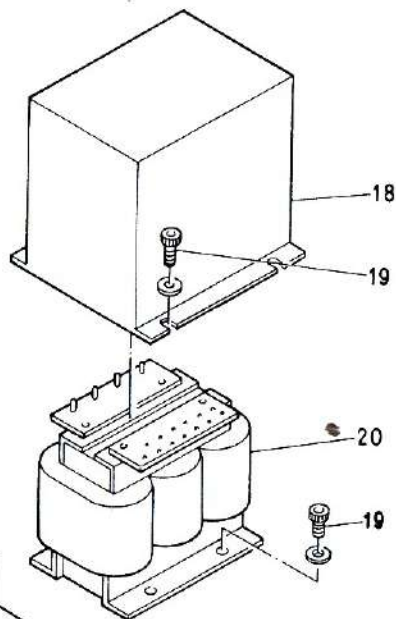
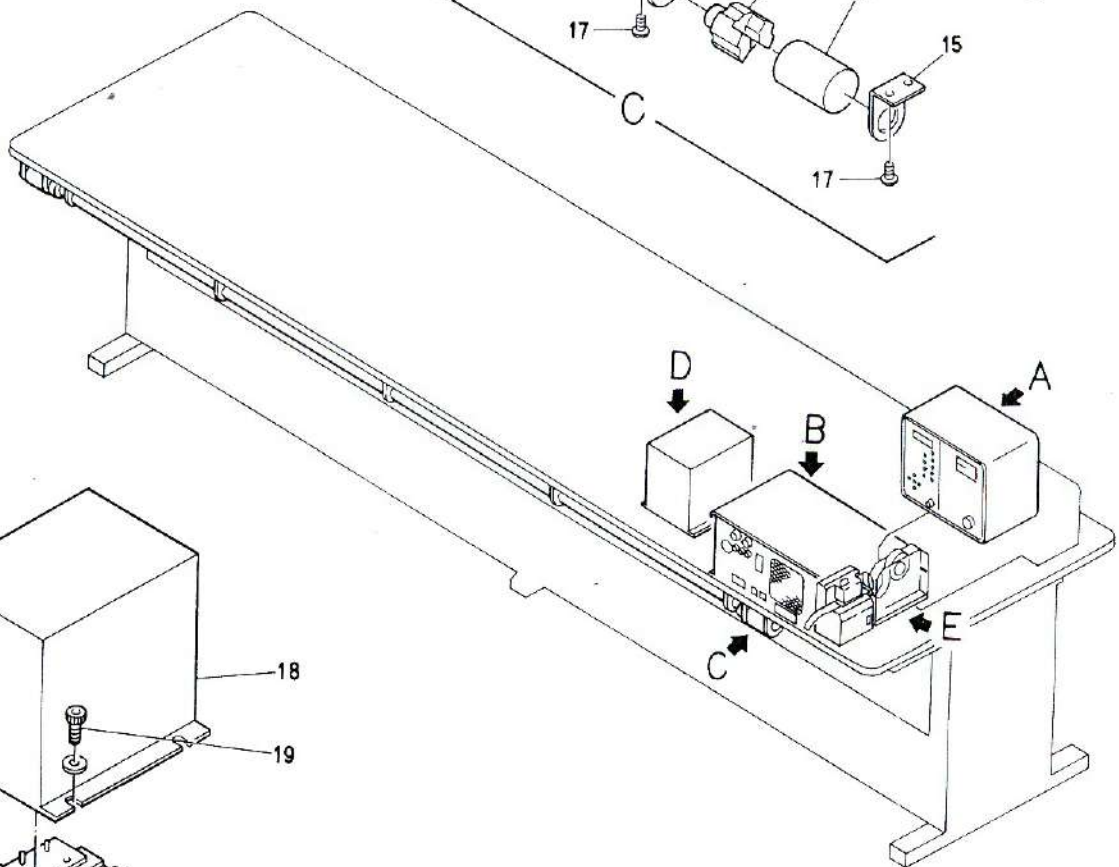
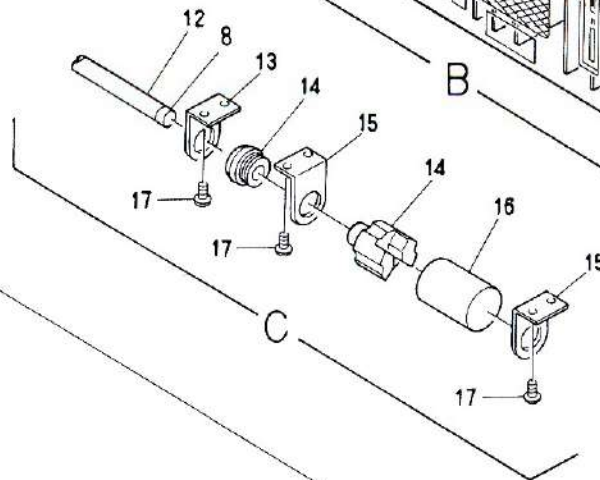
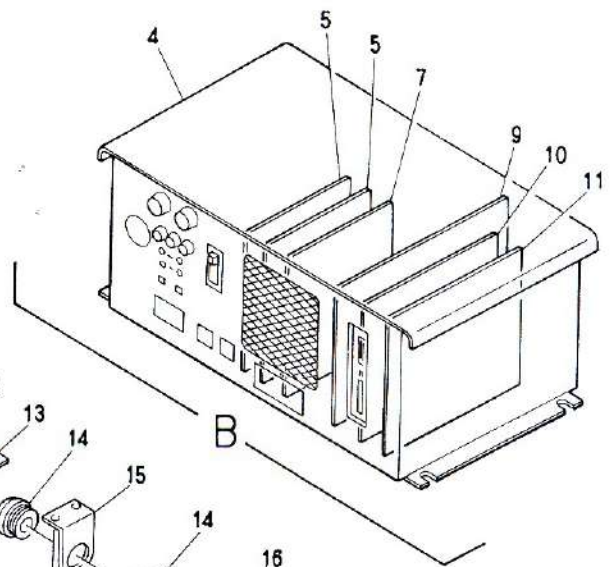
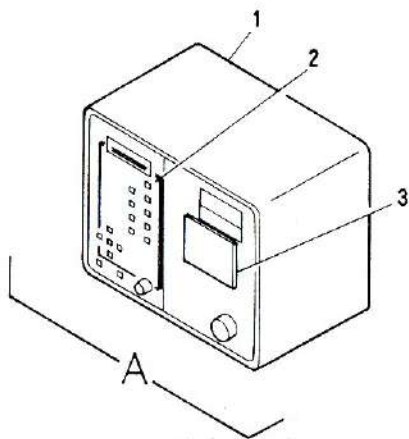
⑪ Control system <BESR



BEMR
BESR
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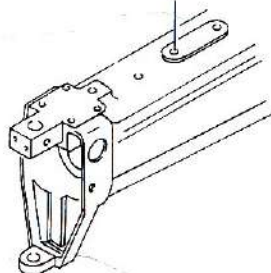
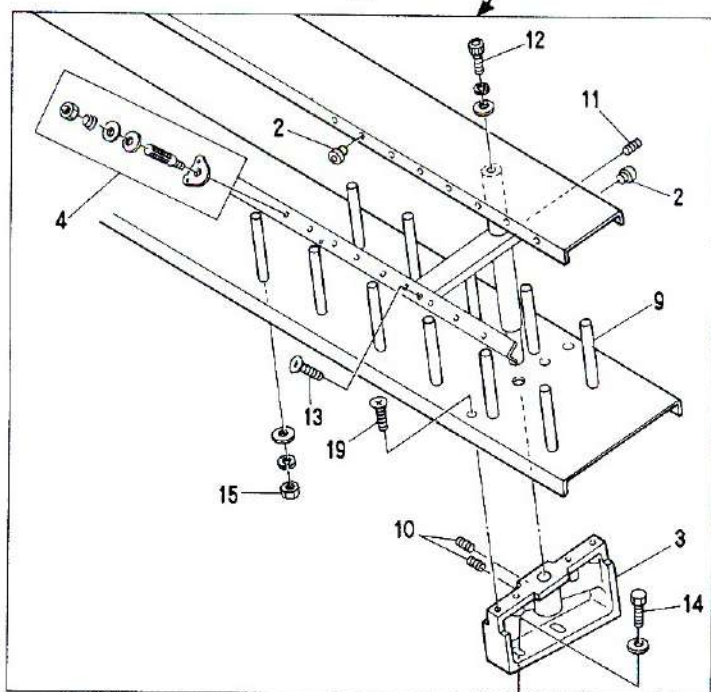
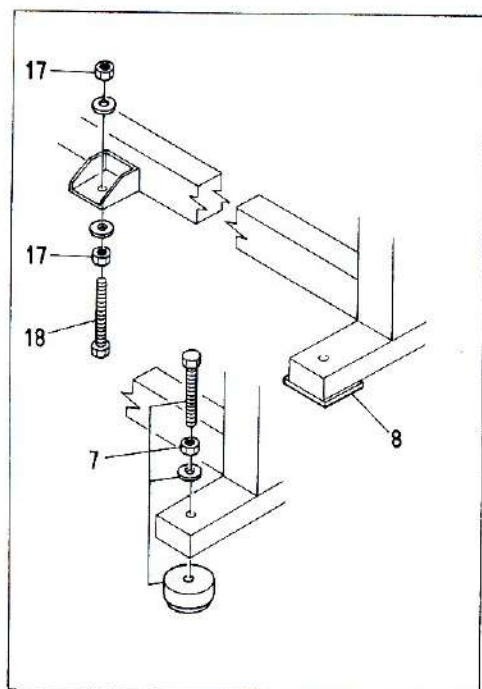
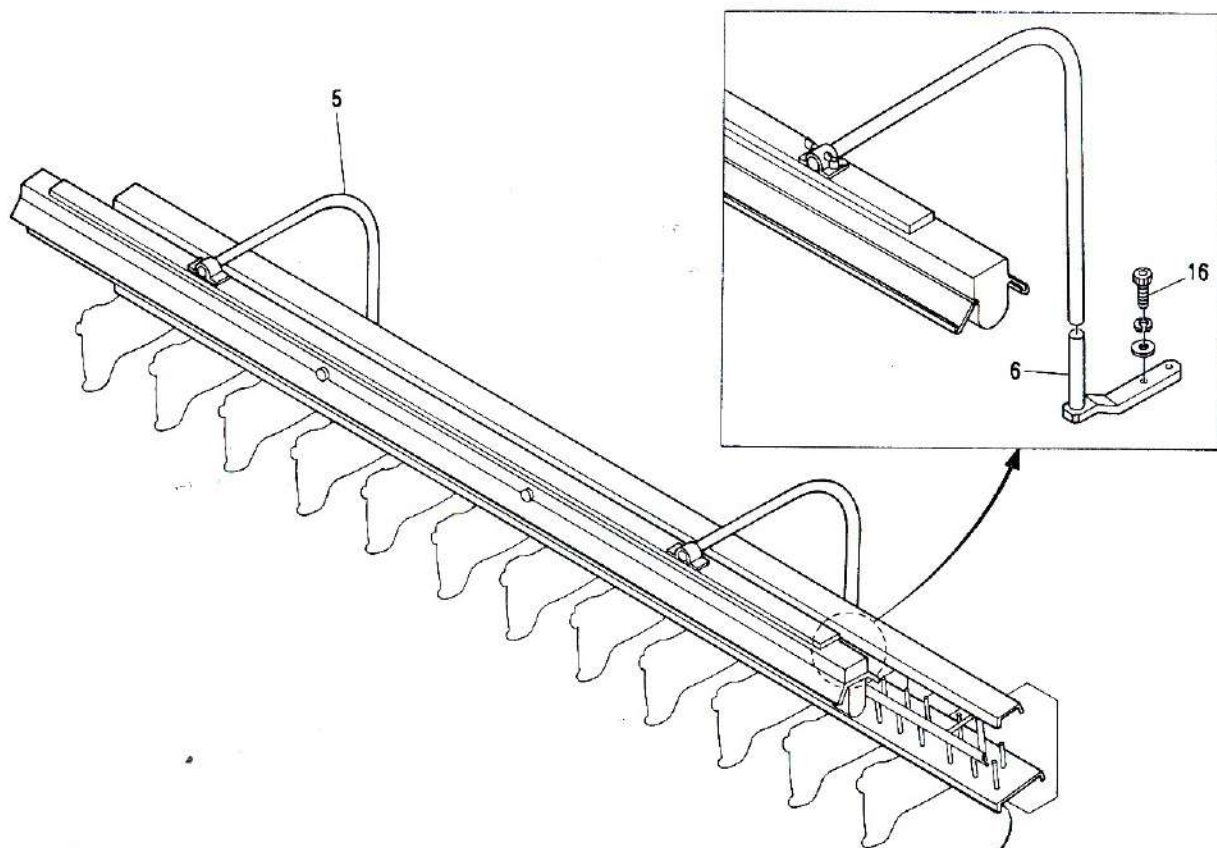
⑪ Control system <BESR>

[illegible]



⑪ Control system <BEX>

[illegible]

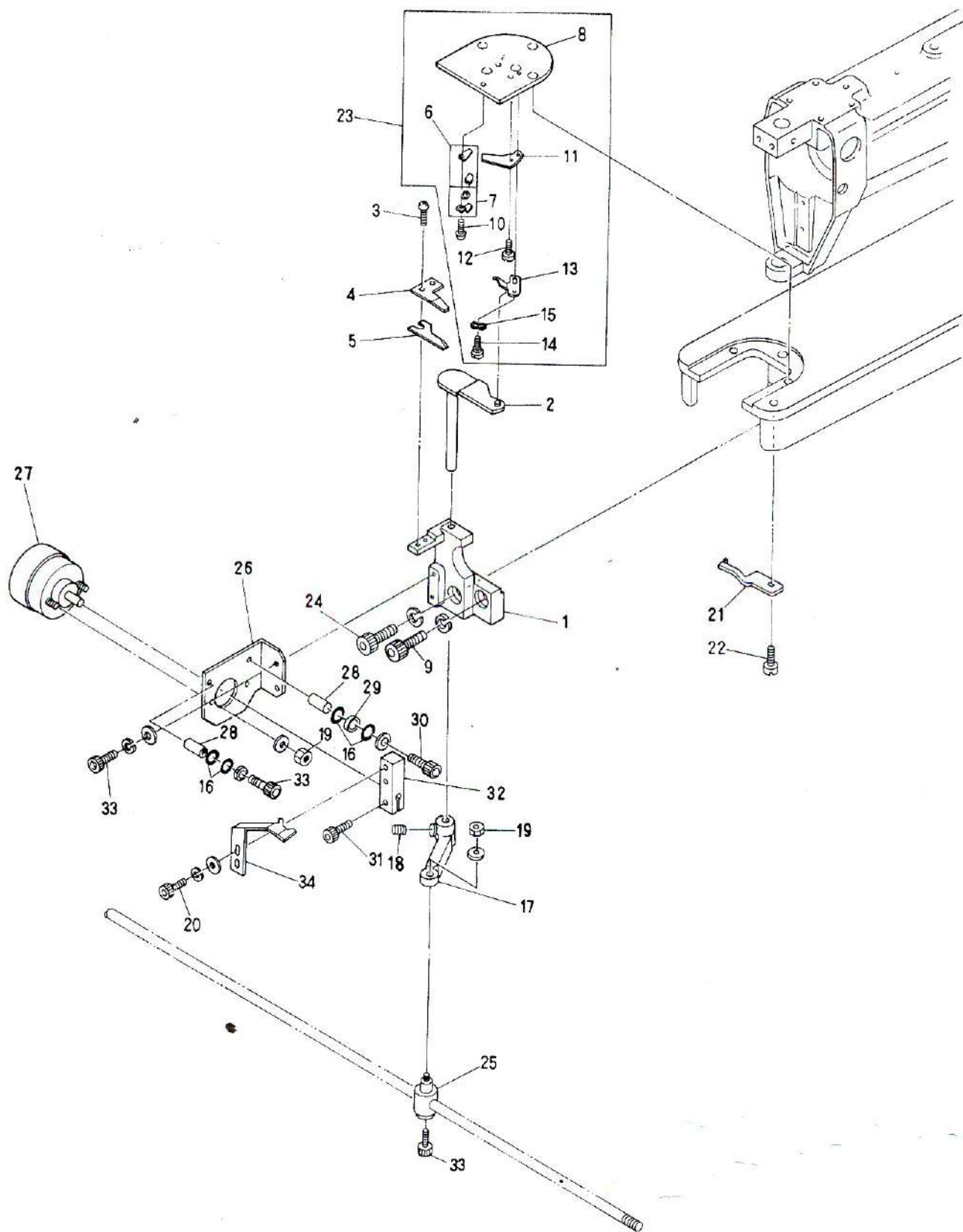


MODEL
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⑫ Option

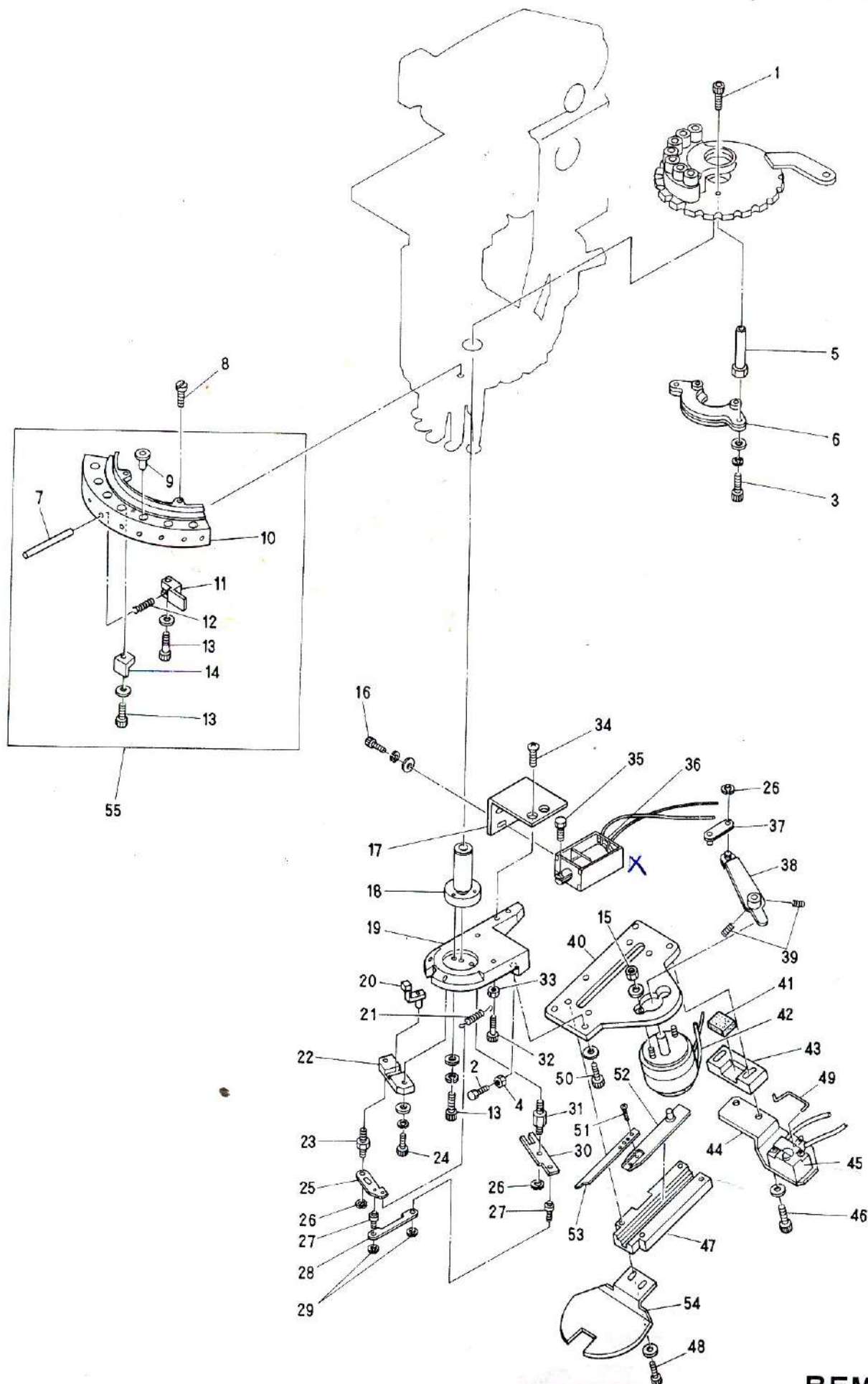
(※Change the PART NO. by machine type) H=Head Q'ty

[illegible]



⑬ Thread cutting mechanism I

[illegible]



⑭ Thread cutting mechanism II

(N=Needle Qty)

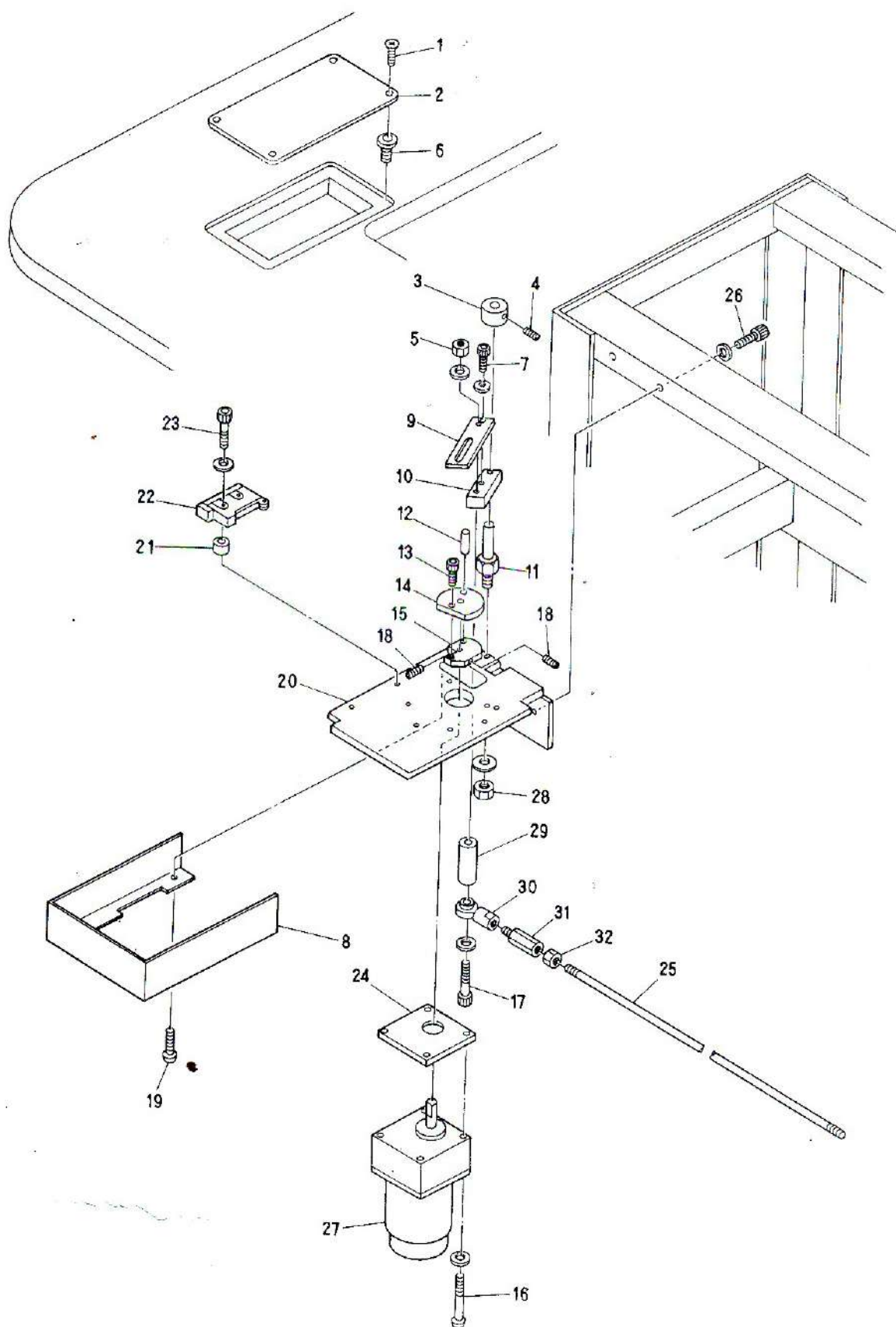
ITEM	PART No	LIST No	DESCRIPTION	QTY	REMARK
1			Hex. socket bolt M3×15		
2	2778C	KC270780	Stopper screw	1	
3			Hex. socket bolt M3×8		
4			Hex. nut M3	1	
5	2716N00	KN270160	Clamp support shaft	2	
6	2772C	KC270720	Thread support clamp CMP	1	
7	2731G	KG270310	Thread support shaft	N×1	
8			Screw (SM9/64 40)		
9	2358F	KF230580	Take up lever ceramic	N×1	
10	2728C03	KC270283	Thread support apron (5)	1	
	2728G02	KG270282	Thread support apron (7)	1	
11	2730C01	KC270301	Thread support clamp	N×1	
12	2727C01	KC270271	Support spring	N×1	
13			Hex. socket bolt M4×10		
14	2729C02	KC270292	Thread support block	N×1	
15			Hex. nut M4		
16			Hex. socket bolt M3×6		
17	2719C	KC270190	Solenoid stay	1	
18	2701C	KC270010	Drive shaft lower metal	1	
19	2722C02	KC270222	Holder base	1	
20	2765C	KC270650	Thread support slider CMP	1	
21	2740C01	KC270401	Thread support lever spring	1	
22	2703C	KC270030	Slide base	1	
23	2705C	KC270050	Lever pin	1	
24			Hex. socket bolt M3×10		
25	2706C	KC270060	Lever	1	
26	912C7	A9012127	E-ring (φ3)	3	
27	2707C	KC270070	Rod pin	2	
28	2718C	KC270180	Plate rod	1	
29	91258	A9012058	E-ring (φ2.5)	2	
30	2717C01	KC270171	Second lever	1	
31	2708C	KC270080	Second lever pin	1	
32			Hex. socket bolt M3×12		
33			Hex. nut M3		
34			Flush screw M4×8		
35	2710C01	KC270101	Solenoid pin	1	
36	95613	A9056013	Keep solenoid TDS-KIOSL (SP plunger)	1	
37	2715N00	KN271850	Lever connecting plate	1	
38	2714N00	KN271840	Thread support lever	2	
39			Hex. socket set screw M3×5		
40	2733C01	KC270331	Thread support base	1	
41	2737C	KC270370	Stopper rubber	1	
42	05607	A9056007	Rotary solenoid (15P67 5-24×2×8×0)	1	

⑭ Thread cutting mechanism II

[illegible]

Barudan

① Thread cutting drive mechanism III <BEMR>



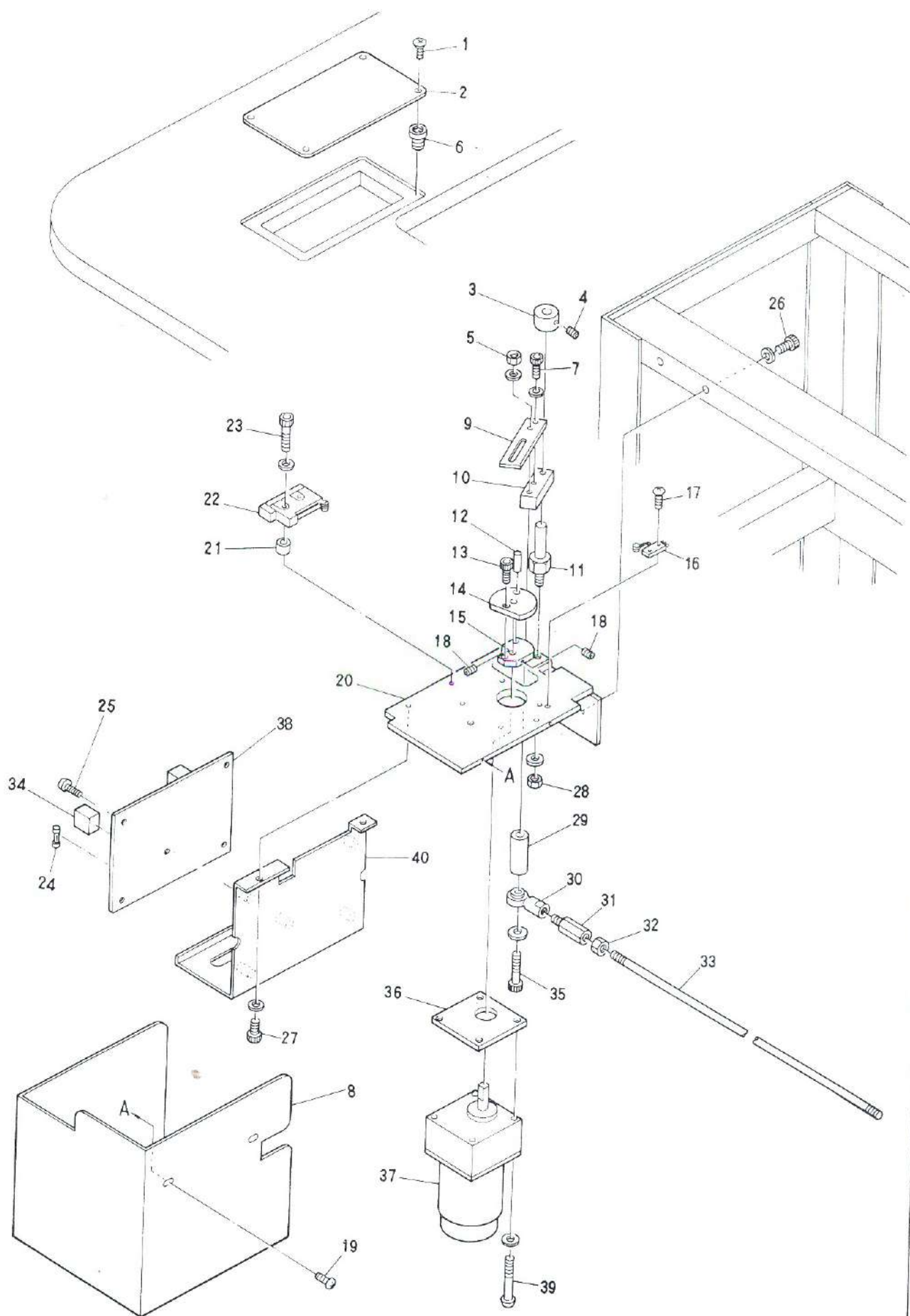
MODEL BEMR
BESR
BEX

⑮ Thread cutting drive mechanism III < B E M R >

[illegible]

Barudan

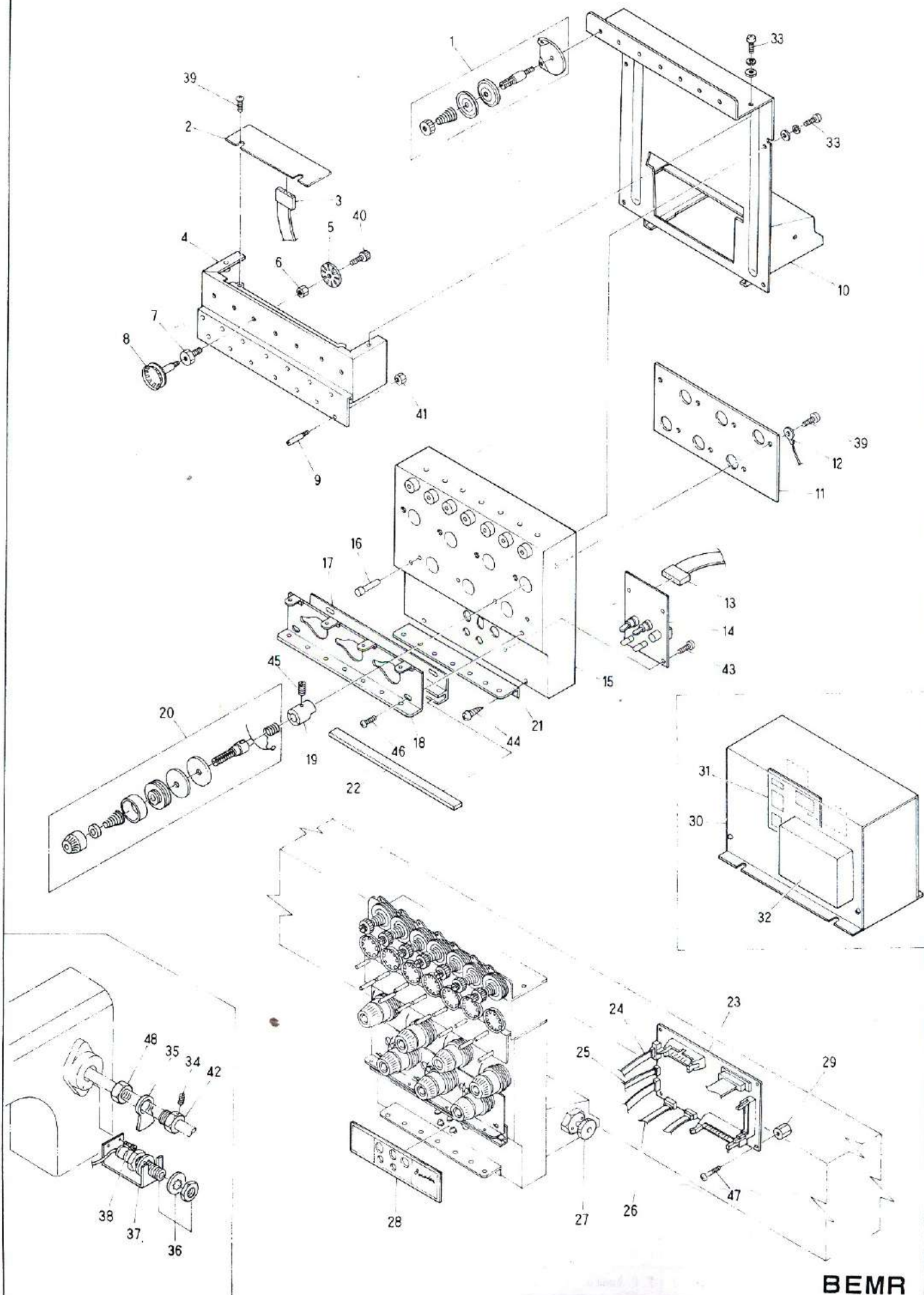
⑮ Thread cutting drive mechanism III <BESR • BEX>



MODEL
BEMR
BESR
BEX

⑮ Thread cutting drive mechanism III <BESR - BEX>

ITEM	PART No.	LIST No.	DESCRIPTION	Q'TY	REMARK
1			Flush screw M4×8		
2	27E4C	KC271440	Drive servece cover	1	
3	3318C	KC330180	Collar φ10	1	
4			Hex. socket set screw M5×6		
5			Hex. nut M6		
6			Nut M4		
7			Hex. socket bolt M6×12		
8	27H1N01	KN271711	Motor bracket cover	1	
9	27J9N00	KN271990	Motor lever	1	
10	27H8N01	KN271781	Drive lever	1	
11	27H5N00	KN271750	Motor lever turret shaft	1	
12	27N5N00	KN272350	Parallel pin φ6 (L=35)	1	
13			Hex. socket bolt M4×10		
14	27H4N01	KN271741	Dog	1	
15	27H3N01	KN271731	Drive cam	1	
16	95205	A9052005	Micro switch (V-01GL2255)		
17			Truss screw M3×15		
18			Hex. socket set screw M5×8		
19			Truss screw M3×6		
20	27H0N00	KN271700	Motor bracket	1	
21	2713N00	KN271830	Switch spacer	2	
22	95206	A9052006	Limit switch (D48C-2020)	1	
23			Hex. socket bolt M4×30		
24			Fuse 1A	1	
25			Pan screw M3×6		
26			Hex. socket bolt M8×20		
27			Hex. socket bolt M5×8		
28			Hex. nut M8		
29	2710N00	KN271800	Drive lever collar	1	
30	91202	A9012002	Uniball joint (NMB PR-8)	1	
31	3376H	HH330760	Hex. connecting bar	1	
32			Hex. nut M5		
33	3341C	KC330410	Lock connecting rod (2M)	2	
34	95103	A9051003	LY-2 Relay	1	
35			Hex. socket bolt M6×55		
36	27H2N00	KN271720	Motor spacer	1	
37	96528	A9065028	Reversible motor RM-FTA12PEAA(7RHD30)	1	
38	55N0000	EBED00010	Thread cutter drive control board	1	
39			Pan screw M5×65		
40	27E7C	KC271470	P.C board fixing stay	1	



(16) Under thread cut sensorium mechanism

N=needle O'ty

ITEM	PART No	LIST No	DESCRIPTION	Q'TY	REMARK
1	24A3G	KG 2 4 1 0 3 0	Upper tension unit complete	N×1	
2	5464N00	KN 5 4 0 6 4 0	P.C board BAP-302-7 (7)	1	
	5463N00	KN 5 4 0 6 3 0	P.C board BAP-302-5 (5)	1	
3	5471N00	KN 5 4 0 7 1 0	Sensor cable 2	1	
4	5454N00	KN 5 4 0 5 4 0	Lower thread sensorium box (7)	1	
	5453N00	KN 5 4 0 5 3 0	Lower thread sensorium box (5)	1	
5	5452N00	KN 5 4 0 5 2 0	Lower thread sensorium sensor disk	7	
6	5451N00	KN 5 4 0 5 1 0	Tension wheel nut M2	7	
7	5461N00	KN 5 4 0 6 1 0	Wheel shaft metal	7	
8	5450N00	KN 5 4 0 5 0 0	Tension wheel shaft assy	7	
9	5459N00	KN 5 4 0 5 9 0	Thread guide pin	1 4	
10	5456N00	KN 5 4 0 5 6 0	Tension base (7)	1	
	5455N00	KN 5 4 0 5 5 0	Tension base (5)	1	
11	24D8P01	HP 2 4 1 3 8 1	Tension earth plate (7)	1	
	24D7P01	HP 2 4 1 3 7 1	Tension earth plate (5)	1	
12	24D9P00	HP 2 4 1 3 9 0	Tension earth cable	1	
13	5472N00	KN 5 4 0 7 2 0	Switch cable 3	1	
14	5465N00	KN 5 4 0 6 5 0	P.C board BAP 303	1	
15	5458N00	KN 5 4 0 5 8 0	Tension base (7)	1	
	5457N00	KN 5 4 0 5 7 0	Tension base (5)	1	
16	24B6P00	HP 2 4 1 1 6 0	Upper thread sensorium pin	7	
17	24E6P00	HP 2 4 1 4 6 0	Thread guide felt fixing plate	1	
18	24B8P00	HP 2 4 1 1 8 0	First thread guide	1	
19	24B5P00	HP 2 4 1 1 5 0	Base (with screw)	7	
20	5476N00	KN 5 4 0 7 6 0	Dial type tension unit complete	7	
21	24C0P00	HP 2 4 1 2 0 0	Second thread guide plate (7)	1	
	24B9P00	HP 2 4 1 1 9 0	Second thread guide plate (5)	1	
22	24E8P00	HP 2 4 1 4 8 0	Thread guide felt (7)	1	
	24E7P00	HP 2 4 1 4 7 0	Thread guide felt (5)	1	
23	5462N00	KN 5 4 0 6 2 0	P.C board BAP-301	1	
24	5475N00	KN 5 4 0 7 5 0	Thread cut cable	1	
25	5473N00	KN 5 4 0 7 3 0	Jump cable 4	2	
26	5470N00	KN 5 4 0 7 0 0	Cable 1	2	
27	2403F	KN 2 4 0 0 3 0	Cancelling pin assy	1	
28	5478N00	KN 5 4 0 7 8 0	Tension base label	1	
29	5460N00	KN 5 4 0 6 0 0	Board fixing nut	4	
30	5466N00	KN 5 4 0 6 6 0	Control box	1	
31	5481N00	KN 5 4 0 8 1 0	P.C board BAP-304	1	
32	5482N00	KN 5 4 0 8 2 0	Power box K50-12	1	
33			Pan screw M4×5		
34			Hex. socket set screw M3×6		
35	5416F	KF 5 4 0 1 6 0	Lower thread sensorium plate	1	
36	5467N00	KN 5 4 0 6 7 0	Lower thread sensorium timing screw (6mm×12)	1	
37	5414F	KF 5 4 0 1 4 0	Lower thread timing sensor bracket	1	
38			Hex. socket bolt M6×40		

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[illegible]

I N D E X

LIST No.	PART No.	PAGENO.	ITEM	LIST No.	PART No.	PAGENO.	ITEM
1HP12300	7A05PR3	37	1	A9065028	96528	43	27
1LK450020	7380C	25	13	A9065028	96528	45	37
A9010003	91003	19	50	EAY009A1	51J2CA1	33	1
A9010003	91003	21	50	EAY009A2	51J2CA2	33	21
A9010009	91009	11	14	EAY009A3	51J2CA3	33	20
A9010009	91009	13	14	EAY010A2	51L2CA2	33	21
A9010011	91011	9	54	EAY010A3	51L2CA3	33	20
A9011017	91117	19	4	EAY011A1	51J3CA1	35	1
A9011017	91117	21	4	EAY011A2	51J3CA2	35	4
A9011021	91121	9	22	EAY011A3	51J3CA3	35	20
A9011022	91122	9	23	EAY012A2	51L3CA2	35	4
A9011023	91123	9	21	EAY012A3	51L3CA3	35	20
A9011028	91128	25	11	EAY017A1	51G3NA1	31	25
A9011063	91163	27	11	EAY017A2	51G3NA2	31	26
A9011063	91163	29	16	EAY017A3	51G3NA3	31	22
A9012001	91201	23	39	EAY018A3	51G4NA3	31	22
A9012002	91202	23	40	EBE00010	55N0000	45	38
A9012002	91202	43	30	EBY00060	55C0050	33	4
A9012002	91202	45	30	EBY00080	55C0070	33	22
A9012003	91203	9	59	EBY00080	55C0070	35	7
A9012005	91205	9	59	EBY00090	55C0080	33	3
A9012007	91207	7	1	EBY00110	55C0110	33	9
A9012052	91252	27	20	EBY00110	55C0110	35	5
A9012052	91252	29	52	EBY00150	55C0150	15	6
A9012058	91258	41	29	EBY00150	55C0150	17	8
A9012066	91266	19	17	EBY00180	55C0180	23	6
A9012127	91267	41	26	EBY00190	55C0190	33	2
A9012137	91267	23	50	EBY00260	55Y0020	35	9
A9012143	912E3	23	47	EBY00270	55Y0030	35	10
A9012203	912K3	23	34	EBY00290	55N0040	33	7
A9014022	91422	9	55	EBY00300	55N0050	33	7
A9020027	92027	19	51	EBY00310	55N0060	33	6
A9020027	92027	21	55	EBY00320	55N0070	33	8
A9020098	92098	27	7	EBY00340	55Y0050	35	2
A9020098	92098	29	33	EBY00350	55Y0060	35	3
A9051003	95103	45	34	EBY00410	55N0090	33	5
A9052002	95202	41	45	EBY00450	55R0000	31	1
A9052005	95205	45	16	EBY00460	55R0010	31	2
A9052006	95206	43	22	EBY00470	55R0020	31	3
A9052006	95206	45	22	EBY00480	55R0030	31	4
A9053033	95333	27	30	EBY00490	55R0040	31	5
A9053033	95333	29	9	EBY00510	55R0060	31	11
A9056007	95607	41	42	EBY00520	55R0070	31	10
A9056010	95610	32	27	EBY00530	55R0080	31	8
A9056013	95613	41	36	EBY00540	55R0090	31	7

I N D E X

LIST No.	PART No.	PAGENO.	ITEM	LIST No.	PART No.	PAGENO.	ITEM
EBY00550	55R0100	31	9	HP241180	24B8P00	47	18
EBY00560	55R0110	31	12	HP241190	24B9P00	15	7
EBY00570	55R0120	31	6	HP241190	24B9P00	47	21
EBY00590	55N0130	35	11	HP241200	24C0P00	15	7
EBY00630	55R0140	31	21	HP241200	24C0P00	47	21
EBY00640	55Y0100	35	9	HP241210	24C1P00	11	18
EBY0500	55R0050	31	24	HP241371	24D7P01	15	4
HH120900	1290H	37	7	HP241371	24D7P01	47	11
HH320550	3255H	19	25	HP241381	24D8P01	15	4
HH320550	3255H	21	25	HP241381	24D8P01	47	11
HH330760	3376H	43	31	HP241390	24D9P00	15	5
HH330760	3376H	45	31	HP241390	24D9P00	47	12
HH470080	4708H	25	10	HP241400	24E0P00	15	13
HH481900	48J0H	27	23	HP241410	24E1P00	15	12
HH481900	48J0H	29	2	HP241450	24E5P00	15	8
HH481931	48J3H01	27	22	HP241460	24E6P00	15	8
HH481931	48J3H01	29	6	HP241460	24E6P00	47	17
HH481970	48J7H	27	13	HP241470	24E7P00	15	10
HH481970	48J7H	29	17	HP241470	24E7P00	47	22
HH481980	48J8H	27	9	HP241480	24E8P00	15	10
HH481991	48J9H01	27	17	HP241480	24E8P00	47	22
HH481991	48J9H01	29	47	HP250050	2505P00	15	17
HH482110	48L1H	27	18	HP250070	2507P00	17	10
HH482110	48L1H	29	48	HP250581	2558P01	15	16
HP231290	23C9P00	9	29	HP250581	2558P01	17	12
HP231300	23D0P00	9	27	HP250620	2562P00	15	14
HP231310	23D1P00	9	24	HP250680	2568P00	17	13
HP231330	23D3P00	11	5	HP313401	31Y0P01	21	53
HP231330	23D3P00	13	5	HP314631	31D2P01	19	44
HP231340	23D4P00	9	57	HP314670	31EDP00	19	9
HP231370	23D7P00	9	26	HP314670	31EDP00	21	9
HP240020	2402P00	11	1	HP460800	4680P00	29	32
HP240020	2402P00	13	1	HP460810	4681P00	27	25
HP240630	2563P00	15	14	HP482940	48T4P00	27	8
HP241100	24B0P00	13	17	HP482940	48T4P00	29	34
HP241110	24B1P00	15	2	HP482950	48T5P00	27	5
HP241120	24B2P00	15	2	HP482950	48T5P00	29	30
HP241130	24B3P00	11	17	HP482980	48T8P00	27	19
HP241140	24B4P00	11	17	HP482980	48T8P00	29	51
HP241150	24B5P00	15	11	HP482990	48T9P00	27	10
HP241150	24B5P00	47	19	HP482990	48T9P00	29	12
HP241160	24B6P00	15	3	HP483111	48V1P01	29	26
HP241160	24B6P00	47	18	HP483370	48X7P00	27	1
HP241170	24B7P00	15	9	HP483370	48X7P00	29	27
HP241180	24B8P00	15	9	HP483390	48X9P00	27	2

I N D E X

LIST No.	PART No.	PAGENO.	ITEM	LIST No.	PART No.	PAGENO.	ITEM
HP 7 1 0 7 9 0	7179P00	3 7	3	KC 2 7 0 9 7 0	2797C	3 9	1 4
KC 0 2 0 2 2 0	5222C	3 5	6	KC 2 7 0 9 8 0	2798C	3 9	1 2
KC 1 1 0 9 1 0	1191C	5	1 7	KC 2 7 1 4 4 0	27E4C	4 3	2
KC 1 1 0 9 7 0	1197C	3 7	8	KC 2 7 1 4 4 0	27E4C	4 5	2
KC 1 2 0 8 1 0	1281C	5	1 0	KC 2 7 1 4 7 0	27E7C	4 5	4 0
KC 1 2 0 8 3 0	1283C	5	8	KC 2 7 1 4 8 0	27E8C	4 1	4 9
KC 1 2 0 8 4 1	1284C01	5	9	KC 3 1 0 1 1 0	3111C	2 1	5 4
KC 1 2 0 8 6 0	1286C	5	2	KC 3 1 0 1 2 0	3112C	2 1	4 3
KC 1 4 0 3 3 0	1433C	5	6	KC 3 1 2 0 1 2	31K1C02	5	1 8
KC 2 2 0 2 1 0	2221C	7	1 8	KC 3 1 2 1 9 0	31L9C	1 9	1 6
KC 2 3 0 2 2 0	2322C	9	3 3	KC 3 1 2 1 9 0	31L9C	2 1	5 1
KC 2 4 0 1 2 0	2412C	1 7	2	KC 3 1 2 2 1 0	31M1C	1 9	4 8
KC 2 5 0 1 6 1	2516C01	7	4 3	KC 3 1 2 2 1 0	31M1C	2 1	4 8
KC 2 5 1 2 2 0	25D2C00	7	4 5	KC 3 1 2 8 0 0	31S0C	2 1	1 6
KC 2 5 1 2 3 0	25D3C00	7	4 4	KC 3 1 2 8 5 1	31S5C01	1 9	1 2
KC 2 5 1 3 5 0	25D5C00	7	4 2	KC 3 1 2 8 5 1	31S5C01	2 1	1 2
KC 2 7 0 0 1 0	2701C	4 1	1 8	KC 3 1 2 8 9 0	31S9C	1 9	2 9
KC 2 7 0 0 3 0	2703C	4 1	2 2	KC 3 1 2 8 9 0	31S9C	2 1	2 9
KC 2 7 0 0 5 0	2705C	4 1	2 3	KC 3 1 2 9 1 1	31T1C01	1 9	2 0
KC 2 7 0 0 6 0	2706C	4 1	2 5	KC 3 1 2 9 1 1	31T1C01	2 1	2 0
KC 2 7 0 0 7 0	2707C	4 1	2 7	KC 3 1 2 9 2 1	31T2C01	1 9	3 1
KC 2 7 0 0 8 0	2708C	4 1	3 1	KC 3 1 2 9 2 1	31T2C01	2 1	3 1
KC 2 7 0 1 0 1	2710C01	4 1	3 5	KC 3 2 0 1 1 1	3211C01	1 9	4 0
KC 2 7 0 1 1 0	2711C	4 1	5 3	KC 3 2 0 1 1 1	3211C01	2 1	4 0
KC 2 7 0 1 7 1	2717C01	4 1	3 0	KC 3 2 0 5 9 0	3259C	1 9	2 6
KC 2 7 0 1 8 0	2718C	4 1	2 8	KC 3 2 0 5 9 0	3259C	2 1	2 6
KC 2 7 0 1 9 0	2719C	4 1	1 7	KC 3 3 0 1 4 0	3314C	2 3	3 5
KC 2 7 0 2 2 2	2722C02	4 1	1 9	KC 3 3 0 1 6 0	3316C	2 3	9
KC 2 7 0 2 7 1	2727C01	4 1	1 2	KC 3 3 0 1 7 0	3317C	2 3	3
KC 2 7 0 2 8 3	2728C03	4 1	1 0	KC 3 3 0 1 8 0	3318C	2 3	1 0
KC 2 7 0 2 9 2	2729C02	4 1	1 4	KC 3 3 0 1 8 0	3318C	4 3	3
KC 2 7 0 3 0 1	2730C01	4 1	1 1	KC 3 3 0 1 8 0	3318C	4 5	3
KC 2 7 0 3 3 1	2733C01	4 1	4 0	KC 3 3 0 1 9 0	3319C	2 3	8
KC 2 7 0 3 4 1	2734C01	4 1	5 2	KC 3 3 0 2 1 0	3321C	2 3	2 5
KC 2 7 0 3 5 1	2735C01	4 1	4 7	KC 3 3 0 2 3 0	3323C	2 3	4 8
KC 2 7 0 3 6 0	2736C	4 1	4 3	KC 3 3 0 2 6 0	3326C	2 3	3 1
KC 2 7 0 3 7 0	2737C	4 1	4 1	KC 3 3 0 2 8 0	3328C	2 3	2
KC 2 7 0 4 0 1	2740C01	4 1	2 1	KC 3 3 0 2 9 0	3329C	2 3	5 2
KC 2 7 0 6 5 0	2765C	4 1	2 0	KC 3 3 0 3 1 0	3313C	2 3	7
KC 2 7 0 7 0 C	2770C	4 1	4 4	KC 3 3 0 4 1 0	3341C	9	1 5
KC 2 7 0 7 2 0	2772C	4 1	3	KC 3 3 0 4 1 0	3341C	4 3	2 5
KC 2 7 0 7 6 1	2776C01	4 1	5 5	KC 3 3 0 4 1 0	3341C	4 5	3 3
KC 2 7 0 7 8 0	2778C	4 1	2	KC 3 3 0 5 1 0	3351C	2 3	2 0
KC 2 7 0 8 5 0	2785C	4 1	1 3	KC 3 3 0 5 1 0	3351C	2 3	2 1

L I S T No.	PART No.	PAGENO.	ITEM	L I S T No.	PART No.	PAGENO.	ITEM
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KC 3 3 0 9 1 0	3391C	2 3	3 2	KF 2 2 0 4 8 0	2248F	7	2 6
KC 4 5 0 0 2 0	4502C	2 5	1	KF 2 2 0 5 1 0	2251F	7	3 8
KC 4 5 0 4 7 0	4547C	2 7	2 8	KF 2 2 0 7 8 0	2278F	7	3 5
KC 4 5 0 4 7 0	4547C	2 9	4 2	KF 2 3 0 0 1 0	2301F	9	4 1
KC 4 7 0 4 6 0	4746C	2 9	2 0	KF 2 3 0 1 2 0	2312F	9	5 3
KC 4 8 0 1 5 0	4815C	2 5	8	KF 2 3 0 1 5 0	2315F	9	4 0
KC 4 8 0 1 6 0	4816C	2 5	7	KF 2 3 0 1 5 0	2315F	2 3	2 2
KC 4 8 0 3 5 0	4835C	2 5	1 5	KF 2 3 0 1 8 0	2318F	9	4 2
KC 5 2 0 0 2 0	5202C	3 1	1 9	KF 2 3 0 2 1 0	2321F	9	4 4
KC 5 2 0 0 2 0	5202C	3 3	1 7	KF 2 3 0 2 2 0	2322F	9	3 3
KC 5 2 0 0 2 0	5202C	3 5	1 8	KF 2 3 0 2 3 0	2323F	9	5 0
KC 5 2 0 2 2 0	5222C	3 1	2 3	KF 2 3 0 2 4 0	2324F	9	5 1
KC 5 2 0 2 2 0	5222C	3 3	1 0	KF 2 3 0 2 5 0	2325F	9	5 2
KC 5 3 0 2 3 0	5323C00	3 1	1 6	KF 2 3 0 3 1 0	2331F	9	1
KC 5 3 0 2 3 0	5323C00	3 3	1 4	KF 2 3 0 3 2 0	2332F	9	2
KC 5 3 0 2 3 0	5323C00	3 5	1 5	KF 2 3 0 3 3 0	2333F	9	5 6
KC 5 3 0 2 4 0	5324C00	3 1	1 4	KF 2 3 0 3 5 0	2335F	2 3	1 8
KC 5 3 0 2 4 0	5324C00	3 3	1 2	KF 2 3 0 3 6 0	2336F	2 3	1 7
KC 5 3 0 2 4 0	5324C00	3 5	1 3	KF 2 3 0 4 2 0	2342F	7	3
KC 3 1 2 2 2 0 0	31MOC	1 9	4 9	KF 2 3 0 4 5 0	2345F	9	2 8
KC 3 1 2 2 2 0 0	31MOC	2 1	4 9	KF 2 3 0 4 8 0	2348F	9	3 0
KC 3 2 0 3 1 0 3 0 0	3231C	1 9	4 1	KF 2 3 0 5 0 0	2350F	9	3 6
KC 3 2 0 3 1 0 3 0 0	3231C	2 1	4 1	KF 2 3 0 5 1 2	2351F02	9	3
KC 3 2 0 9 3 0 5 7 0	3293C	1 9	2 4	KF 2 3 0 5 2 1	2352F01	9	4
KC 3 2 0 9 3 0 5 7 0	3293C	2 1	2 4	KF 2 3 0 5 8 0	2358F	9	3 7
KC 3 3 0 3 1 0 3 0 0	3331C	9	5 8	KF 2 3 0 5 8 0	2358F	4 1	9
KC 1 3 0 1 9 1 2 3 0 3 5	1319C	5	1 5	KF 2 3 0 6 3 0	2363F	9	1 0
KF 2 2 0 1 2 0	2212F	7	1 3	KF 2 3 0 6 3 0	2363F	2 3	4 9
KF 2 2 0 1 3 0	2213F	7	1 5	KF 2 3 0 6 4 0	2364F	9	1 2
KF 2 2 0 1 4 0	2214F	7	5	KF 2 3 0 6 4 0	2364F	3 9	2 5
KF 2 2 0 1 5 0	2215F	7	1 6	KF 2 3 0 6 5 0	2365F	9	9
KF 2 2 0 1 6 0	2216F	7	9	KF 2 3 0 6 6 1	2366F01	9	1 9
KF 2 2 0 1 8 0	2218F	7	1 0	KF 2 3 0 6 7 0	2367F	9	2 0
KF 2 2 0 1 9 0	2219F	7	1 7	KF 2 3 0 9 1 0	2391F	9	4 8
KF 2 2 0 2 2 0	2222F	7	2 7	KF 2 3 0 9 2 0	2392F	9	4 5
KF 2 2 0 2 3 0	2223F	7	2 4	KF 2 3 0 9 3 0	2393F	9	4 9
KF 2 2 0 2 4 0	2224F	7	2 2	KF 2 4 0 0 3 0	2403F	1 1	1 9
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KF 2 2 0 2 7 0	2227F	7	3 1	KF 2 4 0 0 4 0	2404F	1 7	3
KF 2 2 0 2 9 0	2229F	7	2 8	KF 2 4 0 0 6 0	2406F	1 7	1
KF 2 2 0 4 1 0	2241F	7	3 4	KF 2 4 0 0 8 0	2408F	1 7	9
KF 2 2 0 4 4 0	2244F00	7	3 3	KF 2 4 0 1 8 0	2418F00	1 1	2
KF 2 2 0 4 5 0	2245F	7	1 9	KF 2 4 0 1 8 0	2418F00	1 3	2
KF 2 2 0 4 6 0	2246F	7	2 0	KF 2 4 0 2 0 0	2420F00	1 1	3

I N D E X

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KF 2 4 0 3 9 0	2439F	1 7	6	KF 5 3 0 1 6 0	5316F	3 5	1 2
KF 2 4 0 4 2 0	2442F	1 1	7	KF 5 3 0 1 7 0	5317F	3 1	2 7
KF 2 4 0 4 2 0	2442F	1 3	7	KF 5 3 0 1 7 0	5317F	3 3	1 9
KF 2 4 0 4 5 0	2445F	1 1	4	KF 5 3 0 1 7 0	5317F	3 5	8
KF 2 4 0 4 5 0	2445F	1 3	4	KF 5 4 0 1 4 0	5414F	4 7	3 7
KF 2 4 0 4 6 0	2446F	1 1	1 6	KF 5 4 0 1 6 0	5416F	4 7	3 5
KF 2 4 0 4 6 0	2446F	1 3	1 6	KF 5 4 0 1 7 0	5417F	4 7	4 2
KF 2 4 0 4 7 0	2447F	1 1	1 5	KF 5 4 0 1 8 0	5418F	4 7	4 8
KF 2 4 0 4 7 0	2447F	1 3	1 5	KF 7 1 0 2 8 0	7128F	3 7	9
KF 2 4 0 4 8 0	2448F	1 1	1 2	KF 7 1 0 3 0 0	7130F	3 7	5
KF 2 4 0 4 8 0	2448F	1 3	1 2	KF 7 3 0 7 9 0	7379F	2 5	1 4
KF 2 4 0 4 9 0	2449F	1 1	1 1	KG 2 3 0 0 2 0	2302G	9	4 3
KF 2 4 0 4 9 0	2449F	1 3	1 1	KG 2 3 0 2 2 0	2322G	9	3 3
KF 2 4 0 6 1 0	2461F	1 1	6	KG 2 3 0 3 4 0	2334G	9	3 1
KF 2 4 0 6 1 0	2461F	1 3	6	KG 2 3 0 6 1 0	2361G	9	1 7
KF 2 4 0 9 0 0	2490F	3 7	2	KG 2 3 0 6 1 0	2361G	2 3	2 3
KF 2 4 0 9 1 0	2491F	1 7	5	KG 2 3 0 7 3 0	2373G	2 3	1 6
KF 2 4 0 9 3 1	2493F01	1 5	1 5	KG 2 4 1 0 2 0	24A2G	1 5	1
KF 2 4 0 9 3 1	2493F01	1 7	1 1	KG 2 4 1 0 3 0	24A3G	4 7	1
KF 2 4 1 6 0 0	24G0F00	1 5	2 5	KG 2 4 1 0 3 1	24A3G01	3 7	4
KF 2 4 1 6 1 0	24G1F00	1 5	2 5	KG 2 5 0 0 1 0	2501G	1 5	1 7
KF 2 4 1 6 2 0	24G2F00	1 7	1 8	KG 2 7 0 2 8 2	2728G02	4 1	1 0
KF 2 5 0 1 1 0	2511F	7	1 2	KG 2 7 0 3 1 0	2731G	4 1	7
KF 3 2 0 0 4 0	3204F	1 9	3 4	KG 2 7 0 7 6 0	2776G	4 1	5 5
KF 3 2 0 0 4 0	3204F	2 1	3 4	KG 2 7 1 5 1 0	27F1G	4 1	5 4
KF 3 2 0 0 5 0	3205F	1 9	3 4	KG 3 3 0 1 5 0	3315G	2 3	1 2
KF 3 2 0 0 5 0	3205F	2 1	3 4	KG 3 3 0 2 2 0	3322G	2 3	1 4
KF 3 2 0 5 1 0	3251F	1 9	3 6	KG 7 1 0 1 6 1	7116G01	3 7	6
KF 3 2 0 5 1 0	3251F	2 1	3 6	KN 1 1 1 2 0 1	11CON01	1 9	5 2
KF 3 2 0 5 2 0	3252F	1 9	3 7	KN 1 4 0 9 5 0	1495N00	5	7
KF 3 2 0 5 2 0	3252F	2 1	3 7	KN 1 5 0 1 8 1	1518N01	5	1 3
KF 3 2 0 9 1 0	3291F	1 9	4 2	KN 1 5 0 5 2 3	1552N03	5	1
KF 3 2 0 9 1 0	3291F	2 1	4 2	KN 1 6 0 5 2 0	1652N00	5	1 4
KF 3 3 0 3 8 1	3338F01	9	1 4	KN 2 2 0 1 1 0	2211N00	7	8
KF 5 3 0 1 1 1	5311F01	3 1	1 5	KN 2 3 0 4 1 0	2341N00	7	4
KF 5 3 0 1 1 1	5311F01	3 3	1 3	KN 2 3 0 4 3 0	2343N00	7	2
KF 5 3 0 1 1 1	5311F01	3 5	1 4	KN 2 3 1 6 7 1	23G7N01	9	4 6
KF 5 3 0 1 2 0	5312F	3 1	1 5	KN 2 3 1 7 0 0	23H0N00	9	4 7
KF 5 3 0 1 2 0	5312F	3 3	1 3	KN 2 3 1 7 1 1	23H1N01	9	3 9
KF 5 3 0 1 2 0	5312F	3 5	1 4	KN 2 3 1 7 2 1	23H2N01	9	3 9
KF 5 3 0 1 5 0	5315F	3 1	1 7	KN 2 3 1 7 3 1	23H3N01	9	3 9
KF 5 3 0 1 5 0	5315F	3 3	1 5	KN 2 4 0 0 3 0	2403F	4 7	2 7
KF 5 3 0 1 5 0	5315F	3 5	1 6	KN 2 5 0 1 3 1	2512N01	3 9	8
KF 5 3 0 1 6 0	5316F	3 1	1 3	KN 2 5 0 0 0 0	2550F00	7	4 1

I N D E X

L I S T No.	PART No.	PAGENO.	ITEM	L I S T No.	PART No.	PAGENO.	ITEM
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KN 2 7 0 1 6 0	2716N00	4 1	5	KN 3 1 2 9 4 0	31T4N00	2 1	7
KN 2 7 1 1 9 0	27B9N00	3 9	7	KN 3 1 3 5 2 0	31Z2Y00	2 1	5 3
KN 2 7 1 2 2 0	27C2N00	3 9	6	KN 3 1 3 6 7 0	31AHN00	1 9	1 1
KN 2 7 1 5 2 1	27F2N01	3 9	1	KN 3 1 3 6 7 0	31AHN00	2 1	1 1
KN 2 7 1 5 6 0	27F6N00	3 9	1 7	KN 3 1 4 5 4 0	31DQN00	1 9	2
KN 2 7 1 6 0 2	27G0N02	3 9	5	KN 3 1 4 5 4 0	31DQN00	2 1	2
KN 2 7 1 6 1 0	27G1N00	3 9	4	KN 3 1 4 5 9 1	31DYY01	2 1	4 4
KN 2 7 1 6 2 0	27G2N00	3 9	2 6	KN 3 1 4 6 0 1	31DWY01	2 1	4 4
KN 2 7 1 6 3 0	27G3N00	3 9	3 2	KN 3 1 4 6 1 0	31DXN00	2 1	4 4
KN 2 7 1 6 4 1	27G4N01	3 9	3 4	KN 3 1 4 6 2 0	31DYN00	2 1	4 4
KN 2 7 1 6 5 2	27G5N02	3 9	2 8	KN 3 1 5 1 1 0	31FVN00	1 9	4 3
KN 2 7 1 6 6 2	27G6N02	3 9	2 9	KN 3 1 5 1 3 0	31FXN00	1 9	6
KN 2 7 1 6 7 0	27G7N00	3 9	2 1	KN 3 1 5 1 3 0	31FXN00	2 1	6
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KN 2 7 1 7 0 0	27H0N00	4 5	2 0	KN 3 3 0 1 2 1	3312N01	2 3	2 0
KN 2 7 1 7 1 1	27H1N01	4 5	8	KN 3 3 0 2 4 0	3324Y00	2 3	4 5
KN 2 7 1 7 1 2	27H1N02	4 3	8	KN 3 3 0 2 5 0	3325Y00	2 3	4 6
KN 2 7 1 7 2 0	27H2N00	4 3	2 4	KN 3 3 2 0 1 0	33K1N00	2 3	3 7
KN 2 7 1 7 2 0	27H2N00	4 5	3 6	KN 4 5 1 0 5 0	45A5N00	2 9	4 3
KN 2 7 1 7 3 1	27H3N01	4 3	1 5	KN 4 6 0 8 2 0	4682N00	2 7	2 6
KN 2 7 1 7 3 1	27H3N01	4 5	1 5	KN 4 6 0 8 2 0	4682N00	2 9	4 0
KN 2 7 1 7 4 1	27H4N01	4 3	1 4	KN 4 6 0 8 3 0	4683N00	2 7	2 7
KN 2 7 1 7 4 1	27H4N01	4 5	1 4	KN 4 6 0 8 3 0	4683N00	2 9	3 9
KN 2 7 1 7 5 0	27H5N00	4 3	1 1	KN 4 7 0 1 5 1	4715N01	2 7	2 4
KN 2 7 1 7 5 0	27H5N00	4 5	1 1	KN 4 7 0 1 6 1	4716N01	2 9	8
KN 2 7 1 7 8 1	27H8N01	4 3	1 0	KN 4 8 0 0 6 1	4806N01	2 7	1 5
KN 2 7 1 7 8 1	27H8N01	4 5	1 0	KN 4 8 0 0 6 1	4806N01	2 9	1 9
KN 2 7 1 8 0 0	27I0N00	4 3	2 9	KN 4 8 0 4 0 0	4840N00	2 5	2
KN 2 7 1 8 0 0	27I0N00	4 5	2 9	KN 4 8 2 0 0 0	48K0N00	2 7	1 6
KN 2 7 1 8 3 0	27I3N00	4 3	2 1	KN 4 8 2 0 0 0	48K0N00	2 9	4 4
KN 2 7 1 8 3 0	27I3N00	4 5	2 1	KN 4 8 2 0 1 0	48K1N00	2 7	1 2
KN 2 7 1 8 4 0	27I4N00	4 1	3 8	KN 4 8 2 8 7 1	48S7N01	2 7	4
KN 2 7 1 8 5 0	27I5N00	4 1	3 7	KN 4 8 2 8 8 0	48S8N00	2 7	6
KN 2 7 1 9 8 0	27J8N00	3 9	2	KN 4 8 2 8 9 0	48S9N00	2 9	1 1
KN 2 7 1 9 9 0	27J9N00	4 3	9	KN 4 8 3 4 0 0	48Y0N00	2 7	2 1
KN 2 7 1 9 9 0	27J9N00	4 5	9	KN 4 8 3 4 1 0	48Y1N00	2 9	3 7
KN 2 7 2 0 0 0	27K0N00	3 9	2 3	KN 4 8 3 4 4 0	48Y4N00	2 7	3
KN 2 7 2 3 5 0	27N5N00	4 3	1 2	KN 4 8 3 4 5 0	48Y5N00	2 7	1 4
KN 2 7 2 3 5 0	27N5N00	4 5	1 2	KN 4 8 3 4 5 0	48Y5N00	2 9	3 6
KN 2 7 2 5 4 0	27P4N00	3 9	1 6	KN 4 9 0 1 2 0	4912N00	2 9	1 5
KN 3 1 2 8 1 0	31S1N00	1 9	1 8	KN 4 9 0 1 3 0	4913N00	2 9	1 4
KN 3 1 2 8 1 0	31S1N00	2 1	1 8	KN 4 9 0 1 4 0	4914N00	2 9	1 3
KN 3 1 2 8 2 0	31S2N00	1 9	2 2	KN 4 9 0 1 5 0	4915N00	2 9	4
KN 3 1 2 8 2 0	31S2N00	2 1	2 2	KN 5 1 1 0 2 0	51A2N00	1 9	2 8

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