

P

LS2-H9000-SD

Single needle ultra high speed electronic direct drive
lockstitch sewing machine with thread trimmer (semi-dry)

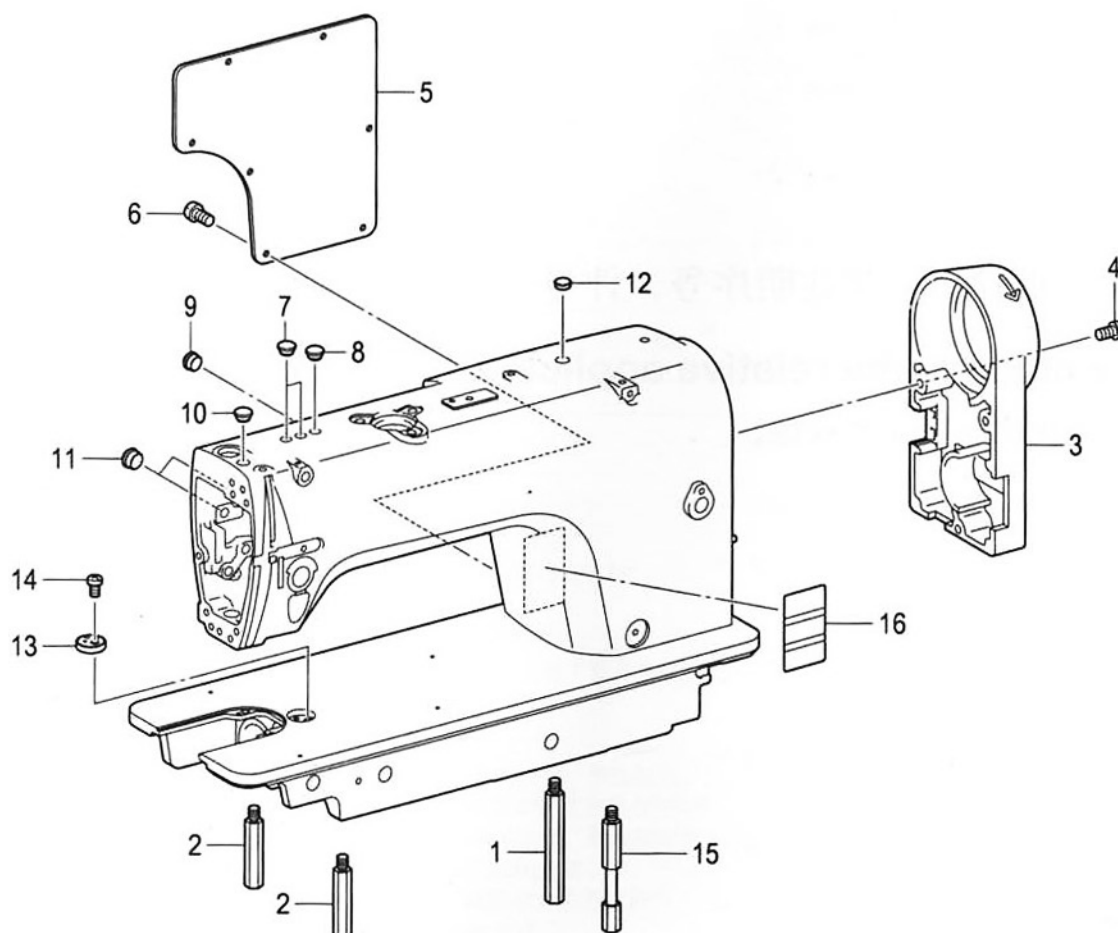
PART BOOK

Unicorn®

PARTS BOOK

**Please confirm the relative applications Ref. No,part No.
when buying the parts.**

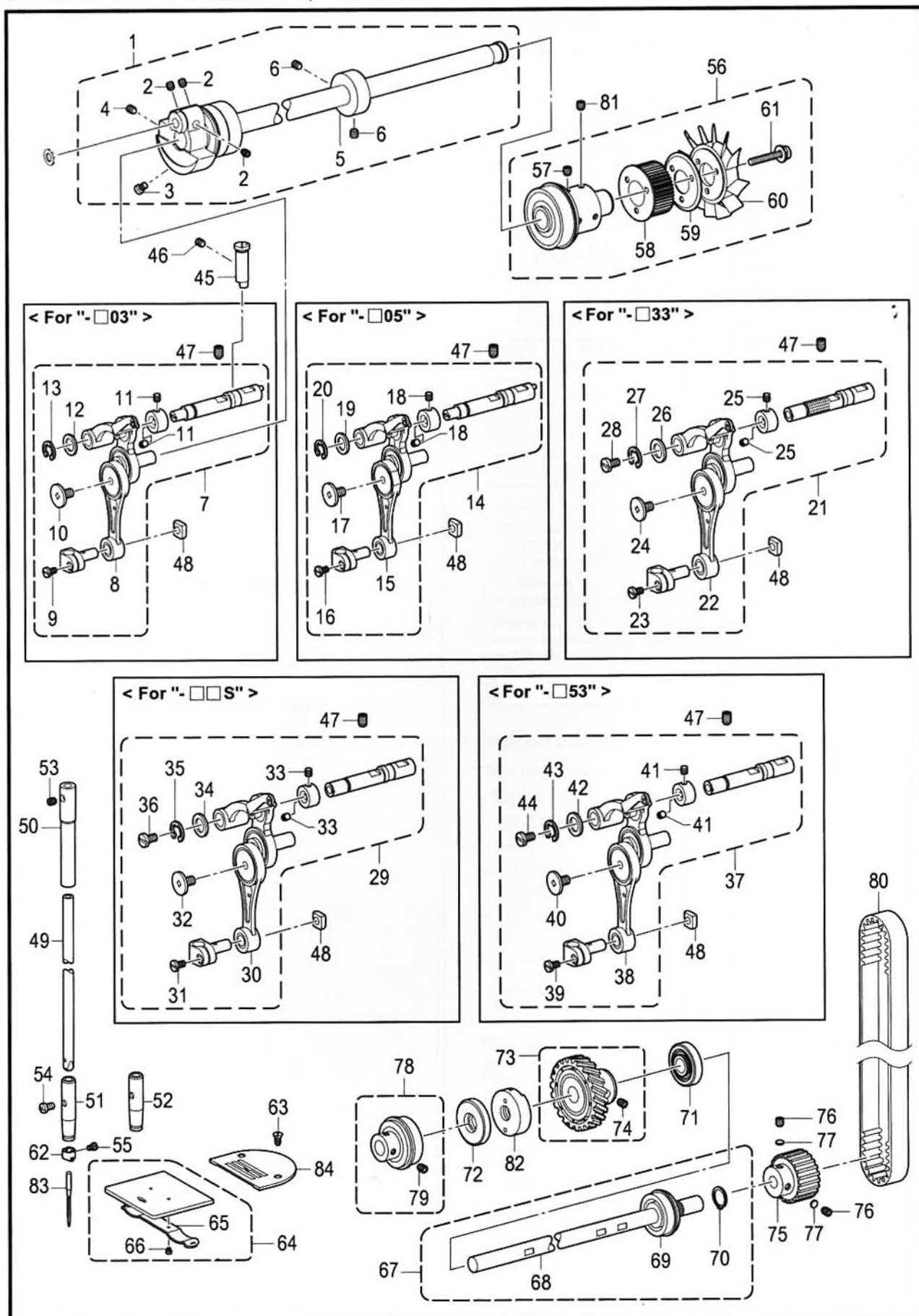
A . Machine body



A. Machine body

No.	Code No.	Qty	Name of Parts	RM
1	SA1106001	1	STAND R	
2	SA1107001	2	STAND L	
3	SA4259001	1	MOTOR COVER	
4	062501216	3	SCREW PAN M5X12	
5	SA1105001	1	SIDE PLATE	
6	062501216	7	SCREW PAN M5X12	
7	104450101	2	RUBBER CAP, 8	
8	104450101	1	RUBBER CAP, 8	
9	S32263001	1	RUBBER CAP, 8.5	
10	104450101	1	RUBBER CAP, 8	
11	104449001	2	RUBBER CAP, 15.5	
12	117936001	1	RUBBER CAP, 9.4	
13	S09621151	1	RULER PLATE	
14	062400616	1	SCREW PAN M4X6	
15	SA2170001	1	STAND RF	
16	SA2041001	1	LABEL, CAUTION CHN/ENG	

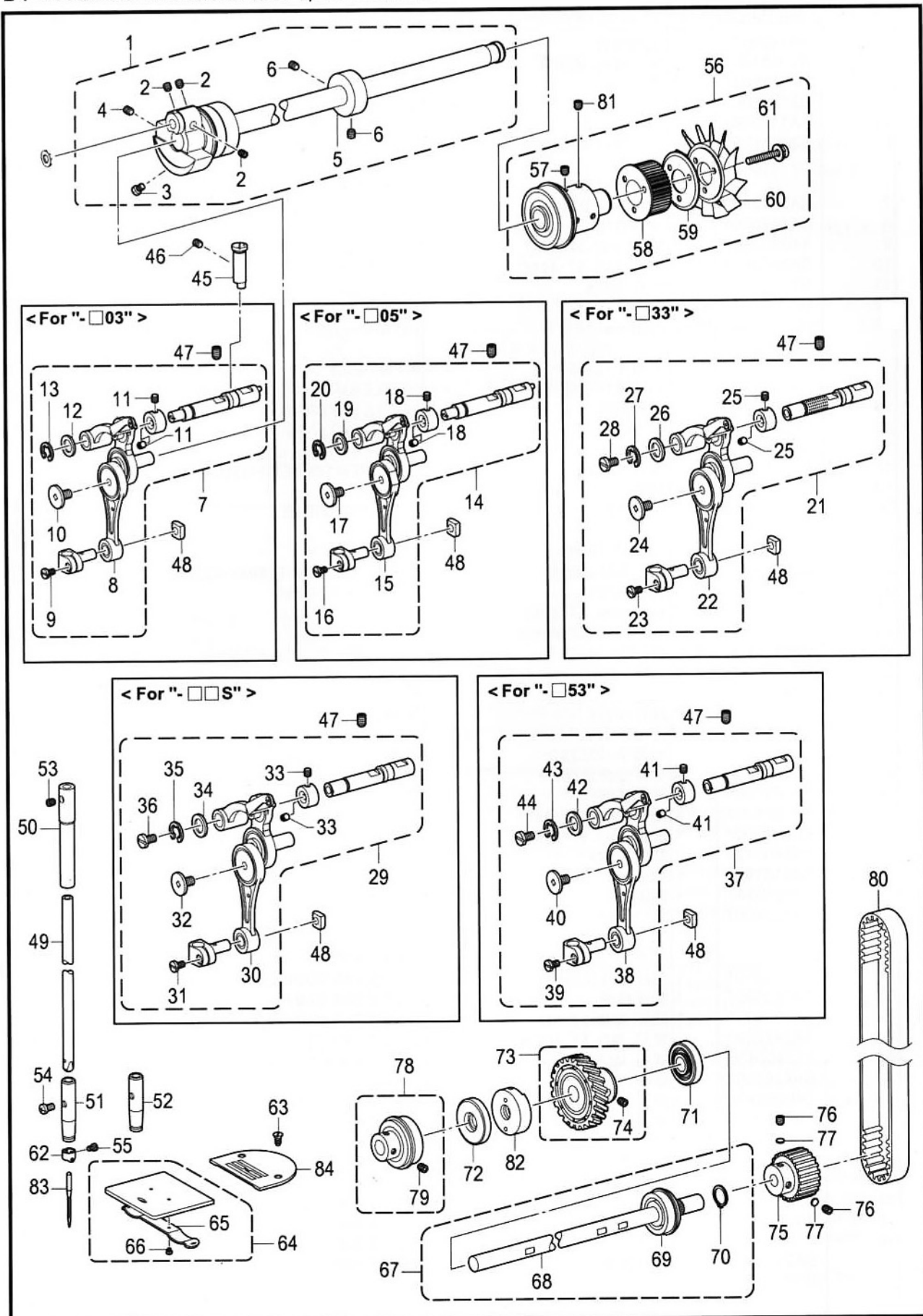
B . Needle bar and thread take-up mechanism



B. Needle bar and thread take-up mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA7209101	1	UPPER SHAFT ASSY	
2	S23651001	3	SET SCREW SOCKET (FT) M6X6	
3	S25235001	1	SCREW M8	
4	S25236001	1	SET SCREW SOCKET (FT) M6X10	
5	SA1120001	1	BOBBIN WINDER DRIVING WHEEL	
6	S23651001	2	SET SCREW SOCKET (FT) M6X6	
<For "-□03">				
7	SA7212101	1	NEEDLE BAR CONNECTING ROD UNIT	
8	SA7625001	1	NEEDLE BAR CRANK	
9	140004001	1	SCREW, SM3.57-40X7	
10	SA2422001	1	SCREW, SM3.57L	
11	012400436	2	SET SCREW SOCKET (FT) M4X4	
12	SA2161001	1	WASHER	
13	048060342	1	RETAINING RING E6	
<For "-□05">				
14	SA7222101	1	NEEDLE BAR CONNECTING ROD UNIT	
15	SA7626001	1	NEEDLE BAR CRANK	
16	140004001	1	SCREW, SM3.57-40X7	
17	SA2422001	1	SCREW, SM3.57L	
18	012400436	2	SET SCREW SOCKET (FT) M4X4	
19	SA2161001	1	WASHER	
20	048060342	1	RETAINING RING E6	
<For "-□33">				
21	SA7227101	1	NEEDLE BAR CONNECTING ROD UNIT	
22	SA7625001	1	NEEDLE BAR CRANK	
23	140004001	1	SCREW, SM3.57-40X7	
24	SA2422001	1	SCREW, SM3.57L	
25	012400436	2	SET SCREW SOCKET (FT) M4X4	
26	SA2161001	1	WASHER	
27	048060342	1	RETAINING RING E6	
28	SA7654001	1	SCREW M3X5	
<For "-□□S">				
29	SA7234101	1	NEEDLE BAR CONNECTING ROD UNIT	
30	SA7627001	1	NEEDLE BAR CRANK	
31	140004001	1	SCREW, SM3.57-40X7	
32	SA2422001	1	SCREW, SM3.57L	
33	012400436	2	SET SCREW SOCKET (FT) M4X4	
34	SA2161001	1	WASHER	
35	048060342	1	RETAINING RING E6	
36	SA7654001	1	SCREW M3X5	
<For "-.453">				
37	SA7238101	1	NEEDLE BAR CONNECTING ROD UNIT	
38	SA7625001	1	NEEDLE BAR CRANK	
39	140004001	1	SCREW, SM3.57-40X7	
40	SA2422001	1	SCREW, SM3.57L	
41	012400436	2	SET SCREW SOCKET (FT) M4X4	
42	SA2161001	1	WASHER	
43	048060342	1	RETAINING RING E6	
44	SA7654001	1	SCREW M3X5	
45	SA7239101	1	STOPPER PIN	
46	012500536	1	SET SCREW SOCKET (FT) M5X5	
47	012061036	2	SET SCREW SOCKET (FT) M6X10	
48	102630001	1	NEEDLE BAR GUIDE SLIDE BLOCK	
49		1	NEEDLE BAR	
50	SA2194201	1	NEEDLE BAR BUSH U	

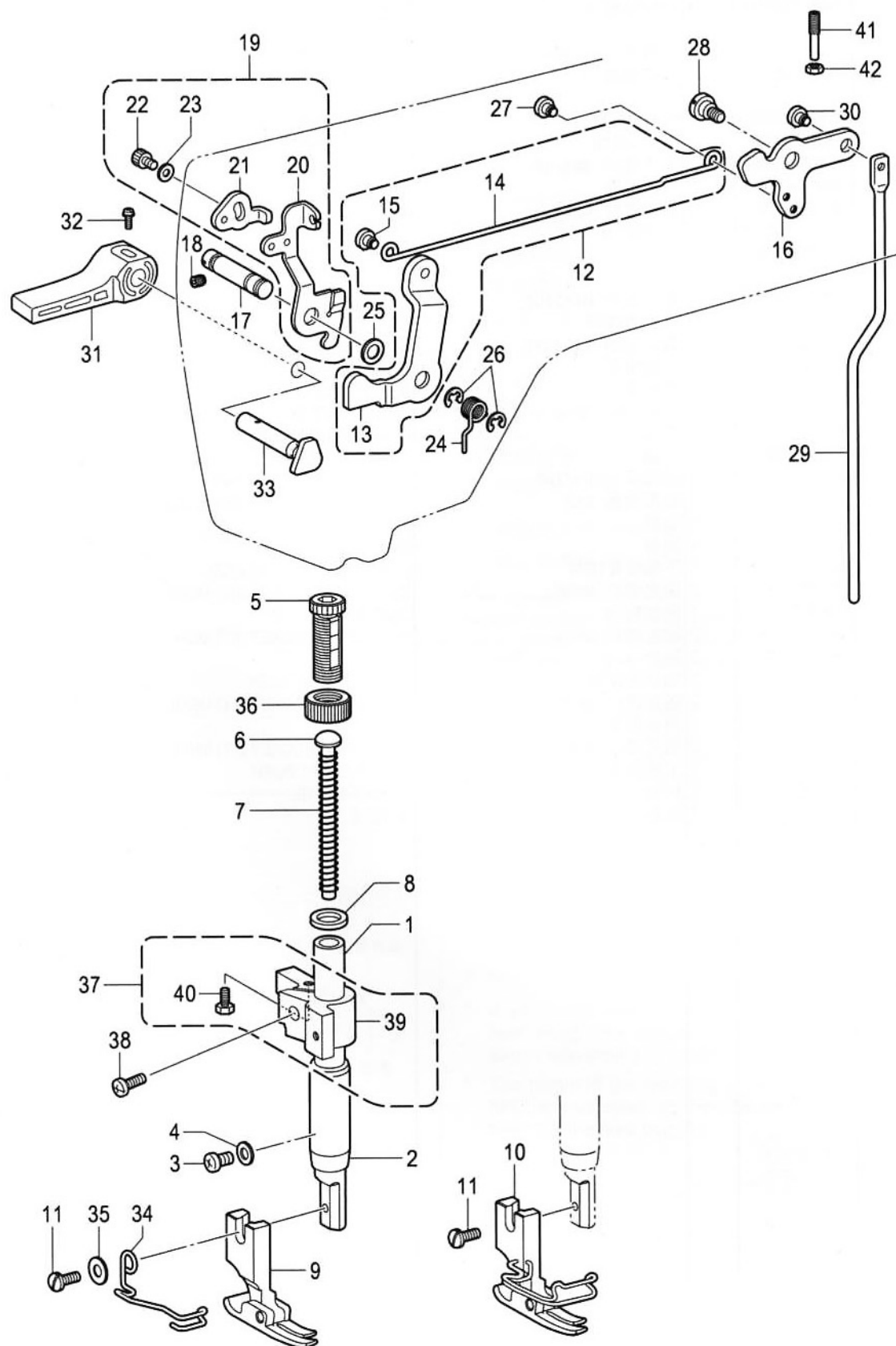
B . Needle bar and thread take-up mechanism



B. Needle bar and thread take-up mechanism

No.	Code No.	Qty	Name of Parts	RM
51	SA1138101	1	<For "-□□S & -□□3"> NEEDLE BAR BUSH D	
52	SA1139101	1	<For "-□□5"> NEEDLE BAR BUSH D	
53	012500536	1	SET SCREW SOCKET (FT) M5X5	
54	062500616	1	SCREW PAN M5X6	
55	140553102	1	SET SCREW, SM3.18	
56	SA1140001	1	JOINT UNIT	
57	S23651001	2	SET SCREW SOCKET (FT) M6X6	
58	SA2250001	1	TIMING PULLEY, U	
59	S38712001	1	FLANGE	
60	S38713100	1	FAN	
61	SA2404001	3	SCREW, PAN (S WASHER) M4X35	
62	151594001	1	NEEDL BAR THREAD GUIDE	
63	151267001	2	SCREW, FLAT SM4.37-40X8	
64	180018151	1	SLIDE PLATE ASSY	
65	114561001	1	SPRING, PLATE	
66	122771051	2	SCREW, SM2.38	
67	SA1143001	1	LOWER SHAFT ASSY	
68	SA1144001	1	LOWER SHAFT	
69	SA1145001	1	BALL BEARING, 6301ZZNR	
70	048120142	1	RETAINING RING EXTERNAL C12	
71	S25401100	1	OIL SEAL	
72	SA1317001	1	OIL SEAL	
73	SA1166001	1	LOWER SHAFT GEAR ASSY	
74	S23651001	2	SET SCREW SOCKET (FT) M6X6	
75	SA2251001	1	TIMING PULLEY, D	
76	S23651001	2	SET SCREW SOCKET (FT) M6X6	
77	SA2378001	2	SPACER, 4.8	
78	SA1150001	1	BEARING BUSH ASSY	
79	S23651001	2	SET SCREW SOCKET (FT) M6X6	
80	SA2252001	1	TIMING BELT	
81	S23651001	2	SET SCREW SOCKET (FT) M6X6	
82	SA2254101	1	LOWER SHAFT BUSH	
83		1	NEEDLE PLATE	
84		1	NEEDLE	

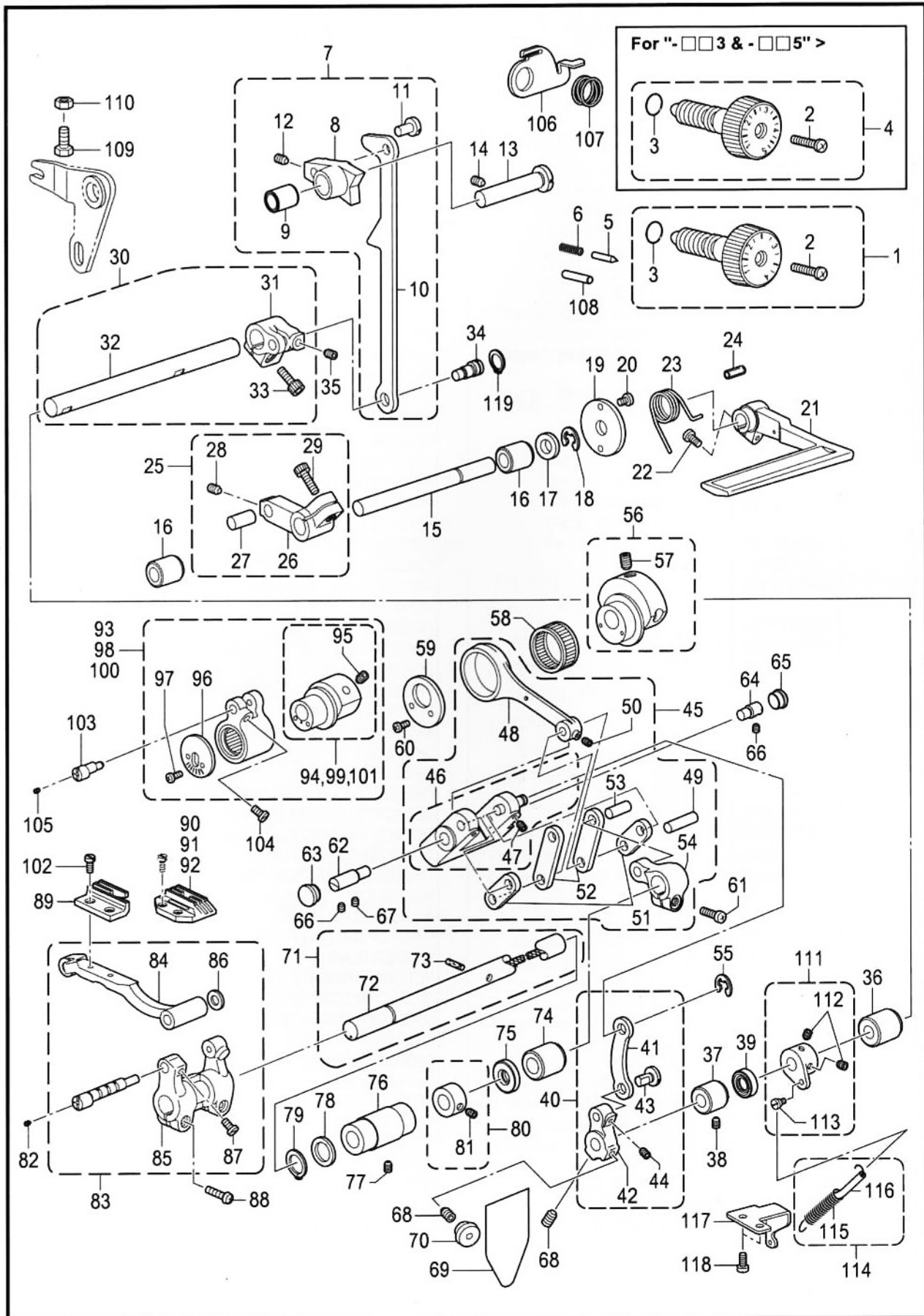
C . Presser foot mechanism



C. Presser foot mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA1171001	1	<For "-□□S & -□□3"> PRESSER BAR	
1	SA1173001	1	<For "-□□5"> PRESSER BAR	
2	SA7242001	1	PRESSER BAR BUSH	
3	062500616	1	SCREW PAN M5X6	
4	026050136	1	WASHER PLAIN S 5	
5	SA1174001	1	PRESSER ADJUSTING SCREW, M14	
6	SA7607001	1	SPRING GUIDE	
7	S13561101	1	<For "-□□3"> PRESSER BAR SPRING	
7	141728001	1	<For "-□□5"> PRESSER BAR SPRING	
7	147514001	1	<For "-□□S"> PRESSER BAR SPRING	
7	S42893001	1	<For "difficult to sew materials" SS> PRESSER BAR SPRING	
7	SA2348001	1	<For "difficult to sew materials" S> PRESSER BAR SPRING	
8	140407001	1	WASHER	
9	153037201	1	<For "-□□3"> PRESSER FOOT ASSY	
10	SA2836101	1	PRESSER FOOT ASSY W/F-GUARD	
9	145157101	1	<For "-□□5"> PRESSER FOOT ASSY	
9	150789101	1	PRESSER FOOT ASSY	
10	SA2837101	1	PRESSER FOOT ASSY W/F-GUARD	
9	S35777101	1	<For "-□□S"> PRESSER FOOT ASSY	
10	SA2433101	1	PRESSER FOOT ASSY W/F-GUARD	
11	S13385001	1	SCREW, SM3.57-40X10	
12	SA1176001	1	PRESSER BAR LIFTER LEVER ASSY	
13	SA1177001	1	PRESSER BAR LIFTER LEVER	
14	SA1178001	1	KNEE LIFTER CONNECTING ROD	
15	SA1179001	1	SHOULDER SCREW, M5	
16	SA3980001	1	KNEE LIFTER LEVER	
17	SA1181001	1	PRESSER BAR LIFTER LEVER SHAFT	
18	012500536	1	SET SCREW SOCKET (FT) M5X5	
19	SA1182001	1	TENSION RELEASE PLATE ASSY	
20	SA1183001	1	TENSION RELEASE PLATE	
21	SA1184001	1	T-RELEASE SELECTION PLATE	
22	018400532	1	BOLT SOCKET M4X5	
23	025040232	1	WASHER PLAIN M 4	
24	SA1186001	1	P-BAR LIFTER LEVER SPRING	
25	S07350001	1	WASHER PLAIN	
26	048050342	2	RETAINING RING E5	
27	SA1179001	1	SHOULDER SCREW, M5	
28	SA2165001	1	SHOULDER SCREW, M6	
29	SA1190001	1	KNEE LIFTER BAR	
30	SA1179001	1	SHOULDER SCREW, M5	
31	S31006001	1	LIFTING LEVER	
32	S39051001	1	SCREW, PAN (S/P W) M3.5X12	
33	S45837001	1	PRESSER BAR LIFTER CRANK	
34	SA2778201	1	FINGER GUARD	
35	025350132	1	WASHER PLAIN S 3.5	
36	SA1175001	1	ADJUST SCREW NUT	
37	SA8005001	1	PRESSER BAR GUIDE BRACKET ASSY	
38	062401216	1	SCREW PAN M4X12	
39	SA8004001	1	PRESSER BAR GUIDE BRACKET	
40	SA1193001	1	BOLT M3X7.5	
41	SA1189101	1	ADJUSTING SCREW M6	
42	021060306	1	NUT 3 M6	

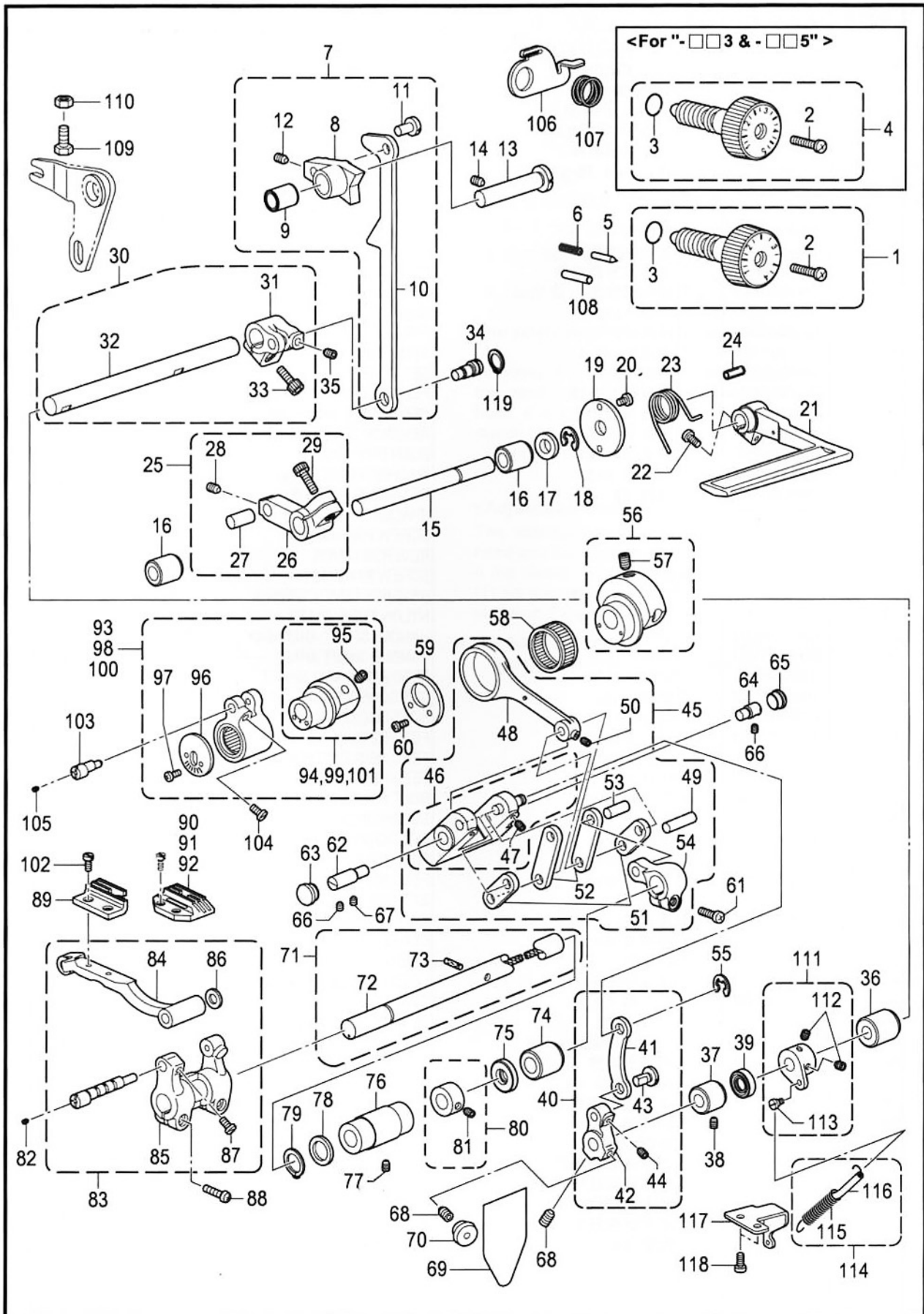
D . Feed mechanism



D. Feed mechanism

No.	Code No.	Qty	Name of Parts	RM
			<For "-□□3 & -□□5">	
1	SA7243001	1	STITCH LENGTH DIAL ASSY	
2	SA4494001	1	SCREW SM4.76	
3	108549001	1	O RING	
			<For "-□□S">	
4	SA7246001	1	STITCH LENGTH DIAL ASSY	
2	SA4494001	1	SCREW SM4.76	
3	108549001	1	O RING	
5	S50098101	1	POSITIONING PIN	
6	100328001	1	NOTCH SPRING	
7	SA7249101	1	FEED REGULATOR ASSY	
8	SA7250101	1	FEED REGULATOR	
9	142374100	1	BUSH DRY :L=20	
10	SA2849001	1	F-REGULATOR CONNECTING ROD	
11	151308102	1	STUD, 12.5	
12	012500536	1	SET SCREW SOCKET (FT) M5X5	
13	SA7635001	1	FEED REGULATOR SHAFT	
14	012060536	2	SET SCREW, SOCKET (FT) M6X5	
15	SA1206001	1	REVERSE SEWING SHAFT	
16	S25469100	2	BUSH DRY :L=12	
17	025100132	1	WASHER PLAIN S 10	
18	048080342	1	RETAINING RING E8	
19	SA1207001	1	SPACER	
20	062500816	2	SCREW PAN M5X8	
21	SA7321001	1	REVERSE LEVER	
22	062501416	1	SCREW PAN M5X14	
23	SA1209001	1	REVERSE LEVER SPRING	
24	153132000	1	NYLON TUBE, L=13.5	
25	SA1210001	1	HANDLE SHAFT ARM ASSY	
26	SA1211001	1	HANDLE SHAFT ARM	
27	156958021	1	FEED ROCK ARM SHAFT	
28	012500536	1	SET SCREW SOCKET (FT) M5X5	
29	018501636	1	BOLT SOCKET M5X16	
30	SA2854001	1	FEED REGULATOR SHAFT ASSY	
31	SA2850101	1	FEED REGULATOR SHAFT ARM	
32	SA1214101	1	FEED REGULATOR SHAFT	
33	018501436	1	BOLT SOCKET M5X14	
34	SA2851001	1	ECCENTRIC PIN	
35	012500536	1	SET SCREW SOCKET (FT) M5X5	
36	SA7252001	1	FEED REGULATOR SHAFT BUSH(R)	
37	SA7253001	1	FEED REGULATOR SHAFT BUSH(L)	
38	012060536	1	SET SCREW, SOCKET (FT) M6X5	
39	SA1269001	1	OIL SEAL	
40	SA1217101	1	CONNECTING ROD S ASSY	
41	S31899251	1	F-REGULATOR CONNECTING ROD S	
42	SA1218001	1	FEED REGULATOR SHAFT JOINT	
43	151308102	1	STUD, 12.5	
44	012500536	1	SET SCREW SOCKET (FT) M5X5	
45	SA7323201	1	FEED REGULATOR UNIT	
46	SA7324201	1	FEED REGULATOR ASSY	
47	012500536	2	SET SCREW SOCKET (FT) M5X5	
48	SA1223001	1	LEVEL FEED CONNECTING ROD	
49	SA7254001	1	LINK SHAFT	
50	012500536	2	SET SCREW SOCKET (FT) M5X5	
51	S16335001	1	LEVEL FEED LINK ASSY	
52	S16337001	1	FEED ROCKER ARM LINK ASSY	
53	156958021	1	FEED ROCK ARM SHAFT	
54	SA1225001	1	FEED ROCK ARM	
55	048040342	1	RETAINING RING E4	

D . Feed mechanism



D. Feed mechanism

No.	Code No.	Qty	Name of Parts	RM
			<For "-□□3 & -□□5">	
56	SA1263001	1	ECCENTRIC WHEEL, W/SCREW	
57	S25236001	2	SET SCREW SOCKET (FT) M6X10	
			<For "-□□S">	
56	SA1261001	1	ECCENTRIC WHEEL, W/SCREW	
57	S25236001	2	SET SCREW SOCKET (FT) M6X10	
58	S12915001	1	ROLLER BEARING, RADIAL 25 :RED	
59	S25321001	1	HOLDER	
60	062350616	2	SCREW PAN M3.5X6	
61	062501416	1	SCREW PAN M5X14	
62	SA1226101	1	FEED REGULATOR SHAFT, L	
63	104449001	1	RUBBER CAP, 15.5	
64	SA1227101	1	FEED REGULATOR SUPPORT SHAFT	
65	SA1228001	1	RUBBER CAP, 14.5	
66	012060536	2	SET SCREW, SOCKET (FT) M6X5	
67	SA1229101	1	SET SCREW (FT) M6X6	
68	S23651001	2	SET SCREW SOCKET (FT) M6X6	
69	SA2377001	1	RUBBER CAP LABEL	
70	S34352101	1	RUBBER CAP, 13.5	
71	SA1230001	1	FEED ROCK SHAFT ASSY	
72	SA1231001	1	FEED ROCK SHAFT	
73	SA2162001	1	FELT	
74	SA7255001	1	FEED SHAFT BUSH(R)	
75	SA1237001	1	OIL SEAL	
76	SA1233101	1	FEED SHAFT BUSH L	
77	012060536	1	SET SCREW, SOCKET (FT) M6X5	
78	156243021	1	THRUST RING	
79	048150142	1	RETAINING RING EXTERNAL C15	
80	SA1234001	1	SET SCREW COLLAR	
81	S23651001	2	SET SCREW SOCKET (FT) M6X6	
82	014300432	1	SET SCREW SOCKET (CP) M3X4	
83	SA1238401	1	FEED BAR ASSY	
84	SA1239201	1	FEED BAR	
85	SA7330001	1	FEED ROCK BRACKET ARM	
86	158722001	1	WASHER PLAIN 4.2	
87	SA1242001	1	SET SCREW 5X7	
88	SA7257001	2	SCREW 5X12	
			<For "-□□3">	
89	S02742001	1	FEED DOG	
90	SA2345001	1	FEED DOG	
			<For "-□□5">	
89	S02743001	1	FEED DOG	
90	150793001	1	FEED DOG	
			<For "-□□S">	
91	S02748001	1	FEED DOG, AB	
92	SA2346001	1	FEED DOG	

This diagram illustrates the exploded view of a mechanical assembly, likely a pump or motor component. The parts are numbered 1 through 118. The assembly is organized into several sub-assembly callouts, each enclosed in a dashed box:

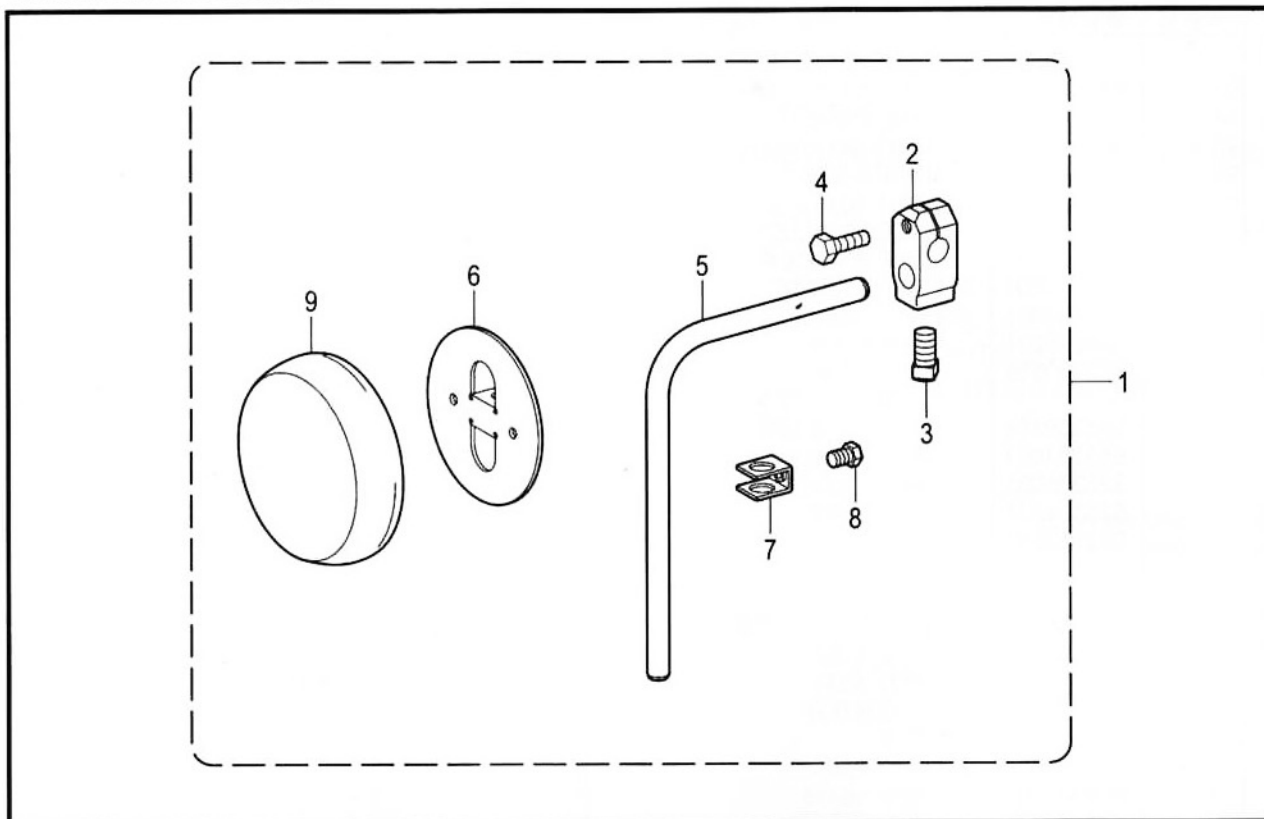
- Top Left:** A bracket (30) with a pin (110) and a nut (109).
- Top Center:** A vertical shaft assembly (7, 11, 12, 8, 9, 10, 14, 13) with a coupling (106) and a nut (107).
- Top Right:** Two identical sub-assemblies (1 and 4) featuring a large nut (3), a central shaft (2), and a small pin (5).
- Middle Left:** A horizontal shaft assembly (32, 31, 33, 35) with a coupling (34) and a nut (119).
- Middle Center:** A horizontal shaft assembly (15, 16, 17, 18, 19, 20, 23, 22, 21, 24) with a coupling (25) and a nut (28).
- Middle Right:** A sub-assembly (56) featuring a large nut (57) and a coupling (58).
- Bottom Left:** A sub-assembly (83) featuring a bracket (84), a pin (86), a bracket (85), a pin (87), and a nut (88).
- Bottom Center:** A horizontal shaft assembly (71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82) with a coupling (70) and a nut (69).
- Bottom Right:** A sub-assembly (114) featuring a bracket (111), a pin (112), a bracket (113), a pin (115), and a nut (116).

The diagram also includes a note at the top right: "<For '-□□3 & -□□5'>".

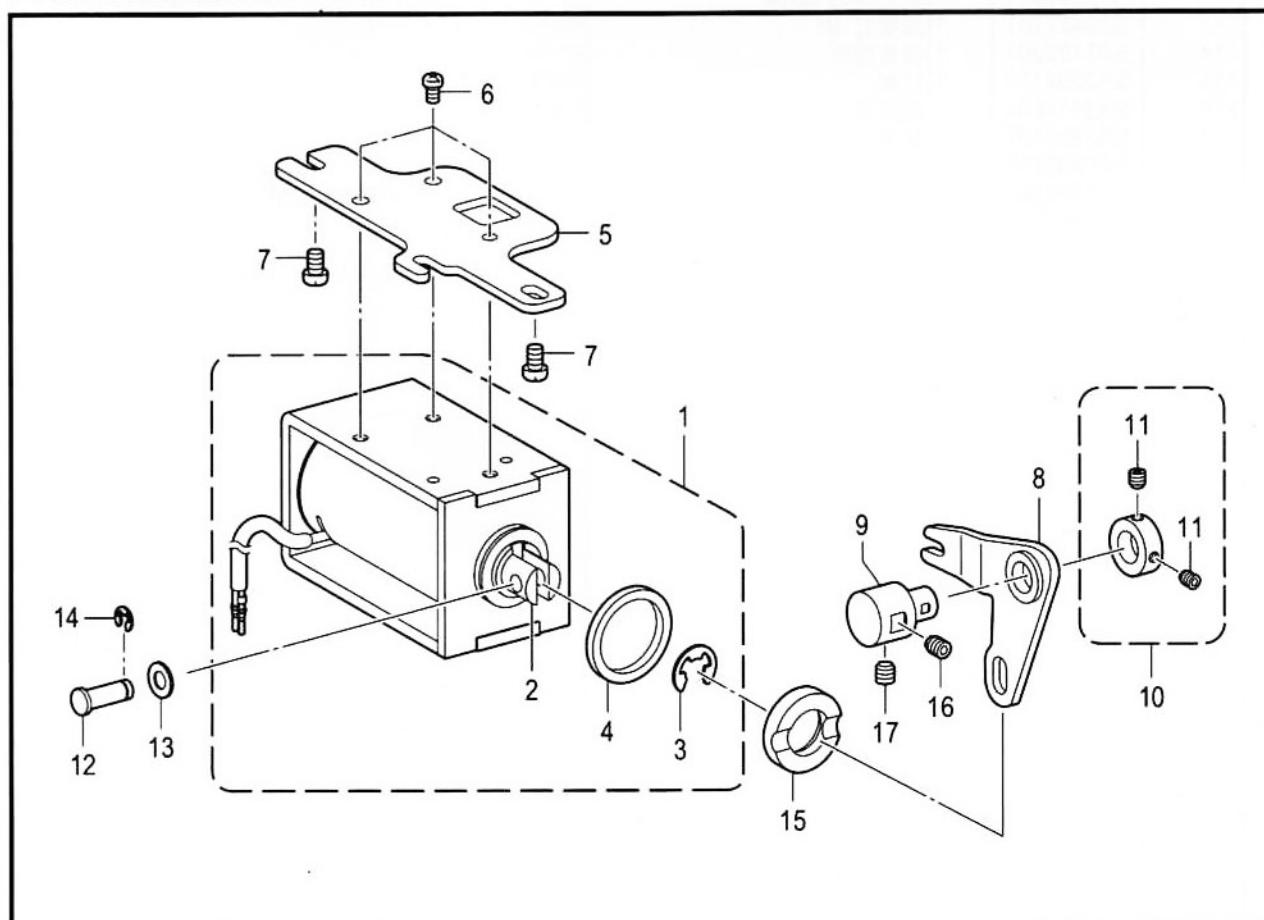
D. Feed mechanism

No.	Code No.	Qty	Name of Parts	RM
			<For "-□□3">	
93	SA1245101	1	F-LIFTING ECCENTRIC WHEEL ASSY	
94	SA1247001	1	ECCENTRIC WHEEL, W/SCREW	
95	S25236001	2	SET SCREW SOCKET (FT) M6X10	
96	S25339201	1	FEED BAR ARM PRESSER	
97	062300616	2	SCREW PAN M3X6	
			<For "-□□S">	
98	SA1253101	1	F-LIFTING ECCENTRIC WHEEL ASSY	
99	SA1254001	1	ECCENTRIC WHEEL W/SCREW	
95	S25236001	2	SET SCREW SOCKET (FT) M6X10	
96	S25339201	1	FEED BAR ARM PRESSER	
97	062300616	2	SCREW PAN M3X6	
			<For "-□□5">	
100	SA1250101	1	F-LIFTING ECCENTRIC WHEEL ASSY	
101	SA1251001	1	ECCENTRIC WHEEL W/SCREW	
95	S25236001	2	SET SCREW SOCKET (FT) M6X10	
96	S25339201	1	FEED BAR ARM PRESSER	
97	062300616	2	SCREW PAN M3X6	
102	100080004	2	SCREW, SM3.18-44X6.5	
103	SA2401001	1	LIFTING FEED SHAFT UNINT	
104	SA1242001	1	SET SCREW 5X7	
105	014300432	1	SET SCREW SOCKET (CP) M3X4	
106	S47508101	1	DIAL LOCK LEVER	
107	S39830101	1	SPRING	
108	SA7422001	1	ROCK LEVER PIN	
109	SA2347001	1	BOLT M5X16	
110	021500316	1	NUT 3 M5	
111	SA2295201	1	SPRING HOOK ARM ASSY	
112	S23651001	2	SET SCREW SOCKET (FT) M6X6	
113	S25427101	1	SHOULDER SCREW, M4	
114	SA3152001	1	SPRING ASSY	
115	SA2294101	1	SPRING	
116	SA3114001	1	VINYL TUBE	
117	SA2293101	1	SPRING SET PLATE	
118	062500816	2	SCREW PAN M5X8	
119	048100142	1	RETAINING RING EXTERNAL C10	

E . Knee lifter mechanism



F . Quick reverse mechanism



E. Knee lifter mechanism

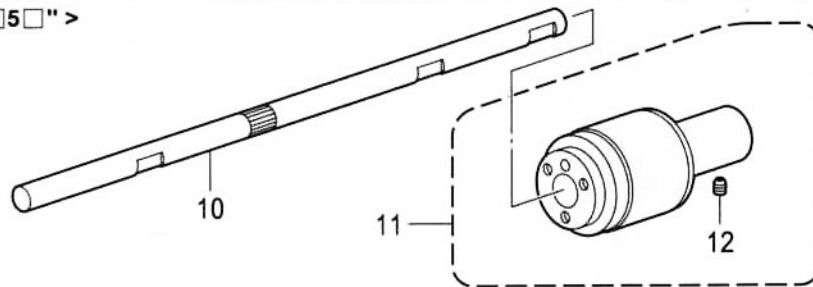
No.	Code No.	Qty	Name of Parts	RM
1	S35821021	1	KNEE LIFTER ASSY	
2	146039021	1	KNEE LIFTER BRACKET	
3	100463021	1	BOLT, SQUARE SM7.94	
4	S35820021	1	BOLT, SM5.95X20	
5	104619022	1	KNEE LIFTER BAR	
6	S34756021	1	KNEE LIFTER PLATE	
7	114967021	1	KNEE LIFTER PLATE STOPPER	
8	110087021	1	BOLT, SM5.95-28X8	
9	S31885001	1	KNEE LIFTER PLATE COVER	

F. Quick reverse mechanism

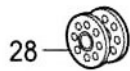
No.	Code No.	Qty	Name of Parts	RM
1	SA1399201	1	QUICK REVERSE SOLENOID ASSY	
2	154729001	1	PLUNGER	
3	154730001	1	RETAINING RING E15	
4	154731000	1	RUBBER STOPPER	
5	SA1258001	1	SOLENOID BASE	
6	062500816	3	SCREW PAN M5X8	
7	062061016	2	SCREW PAN M6X10	
8	SA2852001	1	SOLENOID LEVER	
9	SA2844101	1	SOLENOID LEVER SHAFT	
10	SA2848001	1	SET COLLAR ASSY	
11	012500536	2	SET SCREW SOCKET (FT) M5X5	
12	SA2992001	1	PIN	
13	153138001	1	WASHER, PLAIN 6.5	
14	048060142	1	RETAINING RING EXTERNAL C6	
15	SA2286001	1	RUBBER CUSHION	
16	012060536	1	SET SCREW, SOCKET (FT) M6X5	
17	012500536	1	SET SCREW SOCKET (FT) M5X5	

G . Rotary hook mechanism

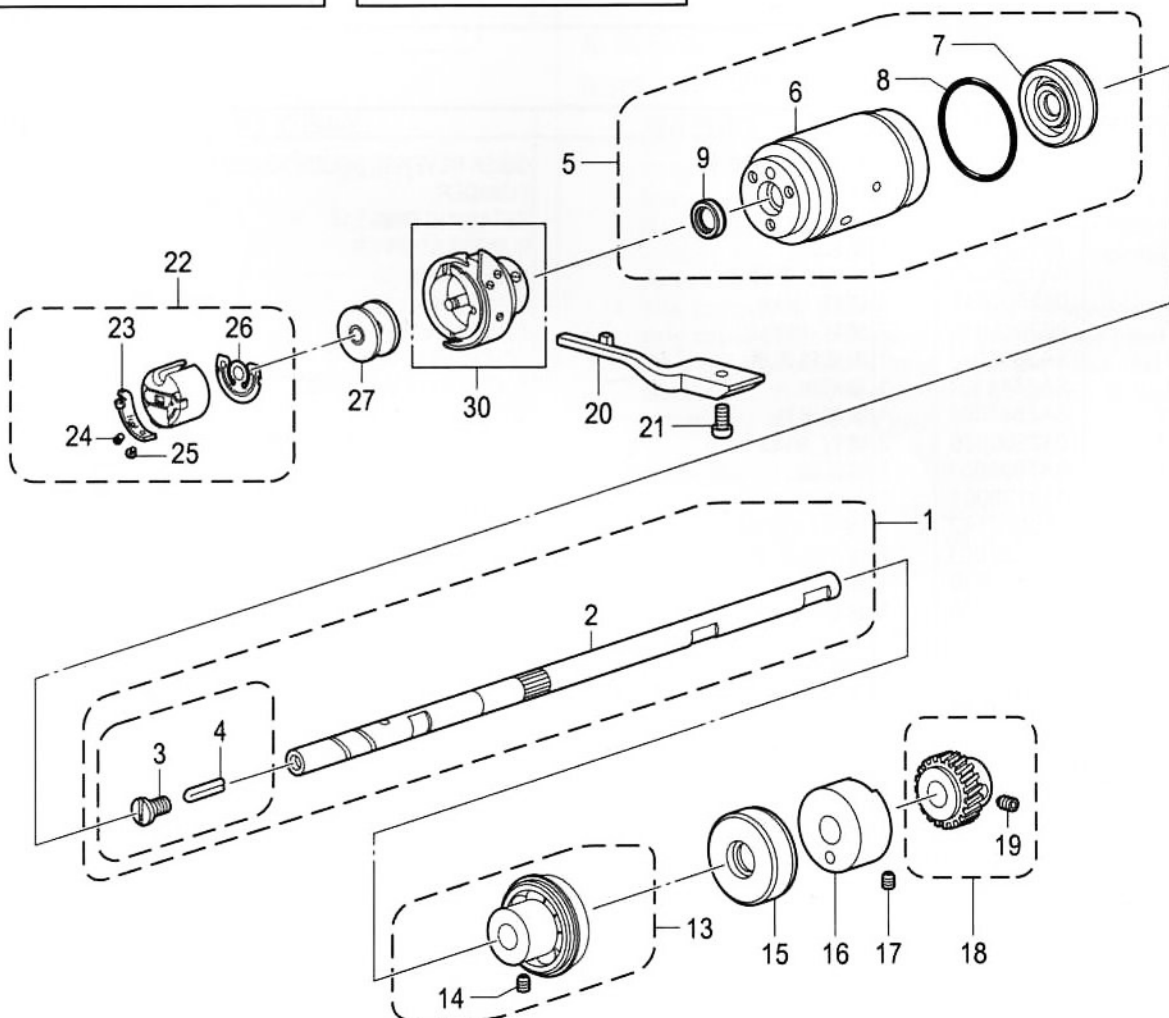
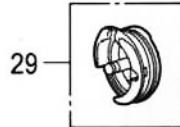
< For "- □ 5 □" >



< For "- □ □ 5" >



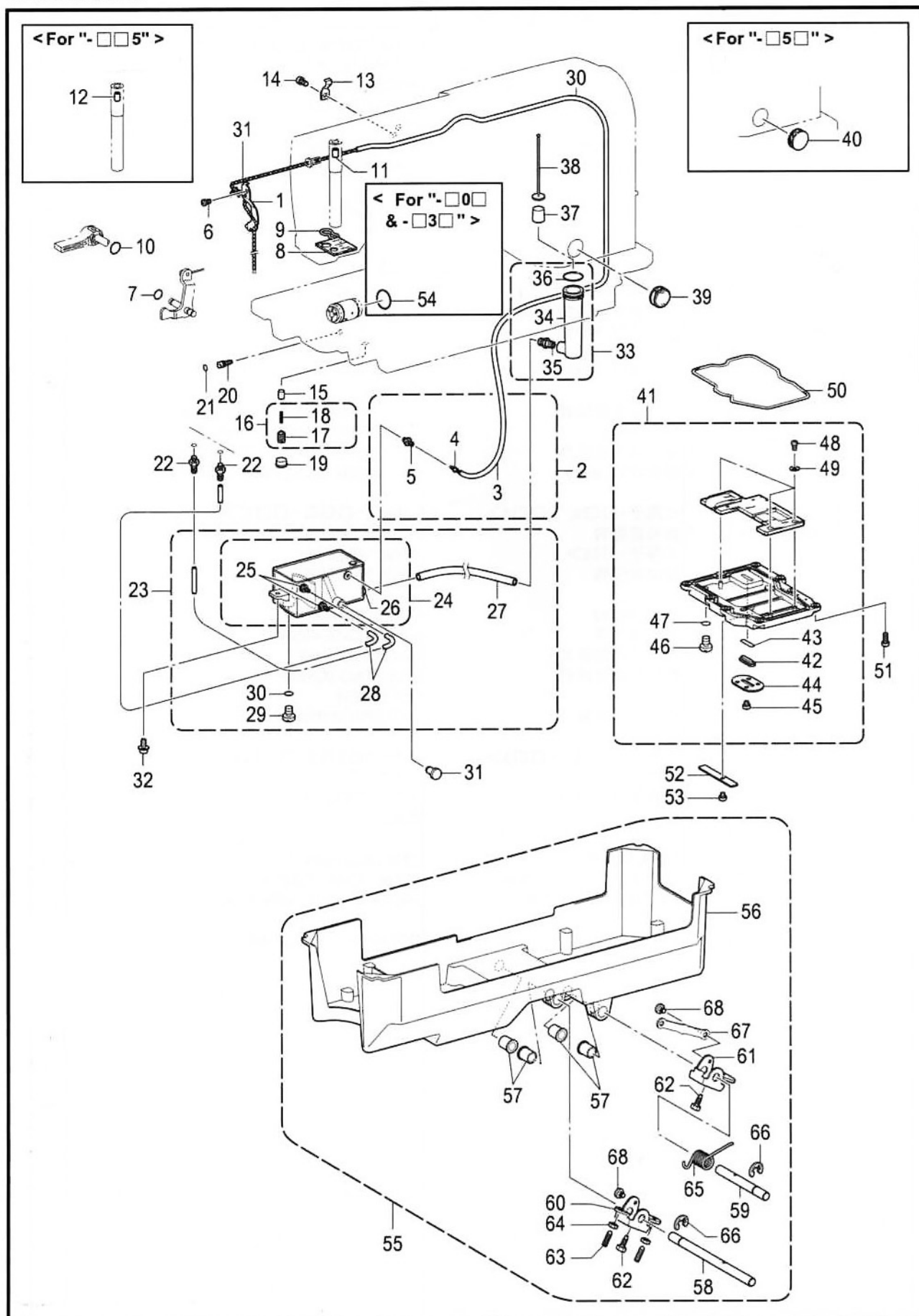
" For Supply parts "



G. Rotary hook mechanism

No.	Code No.	Qty	Name of Parts	RM
			<For "-□□S, -□□3 & -□□5">	
1	SA7261101	1	ROTARY HOOK SHAFT ASSY	
2	SA7262001	1	ROTARY HOOK SHAFT	
3	SA7148001	1	SCREW CAP W/HOLE M5-0.8	
4	SA7525001	1	FELT	
5	SA7263301	1	PUMP BUSH UNIT	
6	SA7879001	1	PUMP BUSH ASSY	
7	SA7693001	1	OIL SEAL	
8	081025870	1	O RING S25	
9	SA7320001	1	OIL SEAL	
			<For "-□5□">	
10	SA1273001	1	ROTARY HOOK SHAFT	
11	SA7266001	1	ROTARY HOOK UNIT	
12	S23651001	2	SET SCREW SOCKET (FT) M6X6	
13	SA7554001	1	BEARING BUSH ASSY	
14	S23651001	2	SET SCREW SOCKET (FT) M6X6	
15	SA1284001	1	OIL SEAL	
16	SA1285001	1	ROTARY HOOK SHAFT GEAR BUSH	
17	012060536	1	SET SCREW, SOCKET (FT) M6X5	
18	SA1286001	1	ROTARY HOOK SHAFT GEAR ASSY	
19	S23651001	2	SET SCREW SOCKET (FT) M6X6	
			<For "-□□S, -□□3">	
20	S02602001	1	HOOK STOPPER	
			<For "-□□05">	
20	159324001	1	HOOK STOPPER	
21	062401216	1	SCREW PAN M4X12	
22	S03245001	1	BOBBIN CASE ASSY	
23	183388001	1	TENSION SPRING	
24	183389001	1	ADJUSTING SCREW	
25	183390001	1	SET SCREW	
26	S03246001	1	ANTI-SPIN SPRING	
			<For "-□□S & -□□3">	
27	146290001	1	BOBBIN	
			<For "-□□5">	
28	117132001	1	BOBBIN	
			"For supply parts "	
			<For "-□5S, -□53">	
29	SA2875001		I-ROTARY HOOK , W/BOX SA2876	
30		1	ROTARY HOOK ASSY W/BOX	

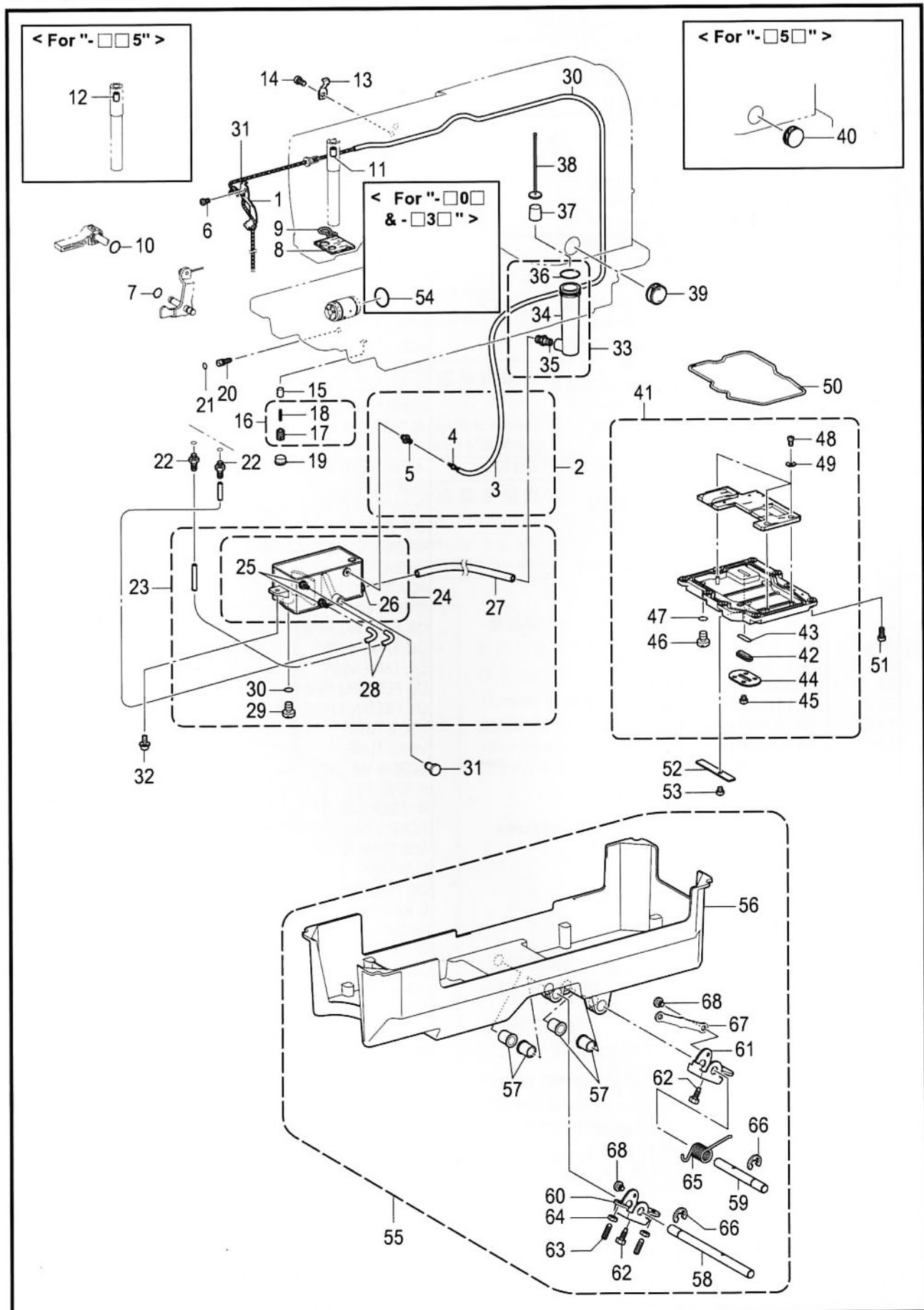
H . Lubrication



H. Lubrication

No.	Code No.	Qty	Name of Parts	RM
			<For "-□0□">	
1	SA1292001	1	WICK HOLDER ASSY	
2	SA2343001	1	OIL TUBU ASSY	
3	SA1304001	1	VINYL TUBE	
4	SA1305001	1	WICK	
5	S25382001	1	OIL FEEDING PIPE	
6	062500616	1	SCREW PAN M5X6	
7	081004070	1	O RING P4	
8	S38769000	1	FELT	
9	145737001	1	FELT SUPPORT	
10	081004070	1	O RING P4	
			<For "-□□S & -□□3">	
11	S04630000	1	NEEDLE BAR CORK	
			<For "-□05">	
12	111863001	1	NEEDLE BAR CORK	
			<For "-□0□">	
13	SA1295001	1	CORD HOLDER, T2	
14	062500816	1	SCREW PAN M5X8	
			<For "-□0□ & -□3□">	
15	144875001	1	PLUNGER	
16	SA7636001	1	PUMP CAP SCREW ASSY	
17	S25380401	1	CAP SCREW, PUMP	
18	S52764001	1	SPRING, COMPRESSION	
19	104821001	1	RUBBER CAP, 10.5	
20	SA7265101	1	ADJUSTING SCREW	
21	081004870	1	O RING S4	
22	S25382001	2	OIL FEEDING PIPE	
23	SA7345101	1	OIL TANK UNIT	
24	SA3158101	1	OIL TANK ASSY	
25	S25382001	2	OIL FEEDING PIPE	
26	S51815001	1	OIL FEEDING PIPE, 8.6	
27	SA1300001	1	VINYL TUBE	
28	SA7269001	2	VINYL TUBE	
29	SA1303001	1	SCREW M8	
30	081008070	1	O RING P8	
31	104450101	1	RUBBER CAP, 8	
32	0A4501206	2	SCREW PAN (S/P WASHER) M5X12	
33	SA1306001	1	SUB TANK ASSY	
34	SA1307001	1	SUB TANK	
35	S51815001	1	OIL FEEDING PIPE, 8.6	
36	081022870	1	O RING S22	
37	S47487001	1	FLOAT	
38	SA1309001	1	OIL GAGE	
39	S47509001	1	OIL GAUGE WINDOW	
			<For "-□5□">	
40	SA2779001	1	OIL GAUGE WINDOW	
41	SA4552001	1	BED BOTTOM COVER UNIT	
42	S51272100	1	OIL WINDOW, B-COVER	
43	081015870	1	O RING S15	
44	SA1313101	1	WINDOW COVER	
45	062500616	4	SCREW PAN M5X6	
46	SA1303001	1	SCREW M8	
47	081008070	1	O RING P8	
48	062400616	3	SCREW PAN M4X6	
49	025040332	3	WASHER PLAIN L 4	
50	SA1314001	1	BOTTOM COVER PACKING	
51	062501216	9	SCREW PAN M5X12	
52	SA1316001	1	CORD HOLDER PLATE	
53	062500616	1	SCREW PAN M5X6	

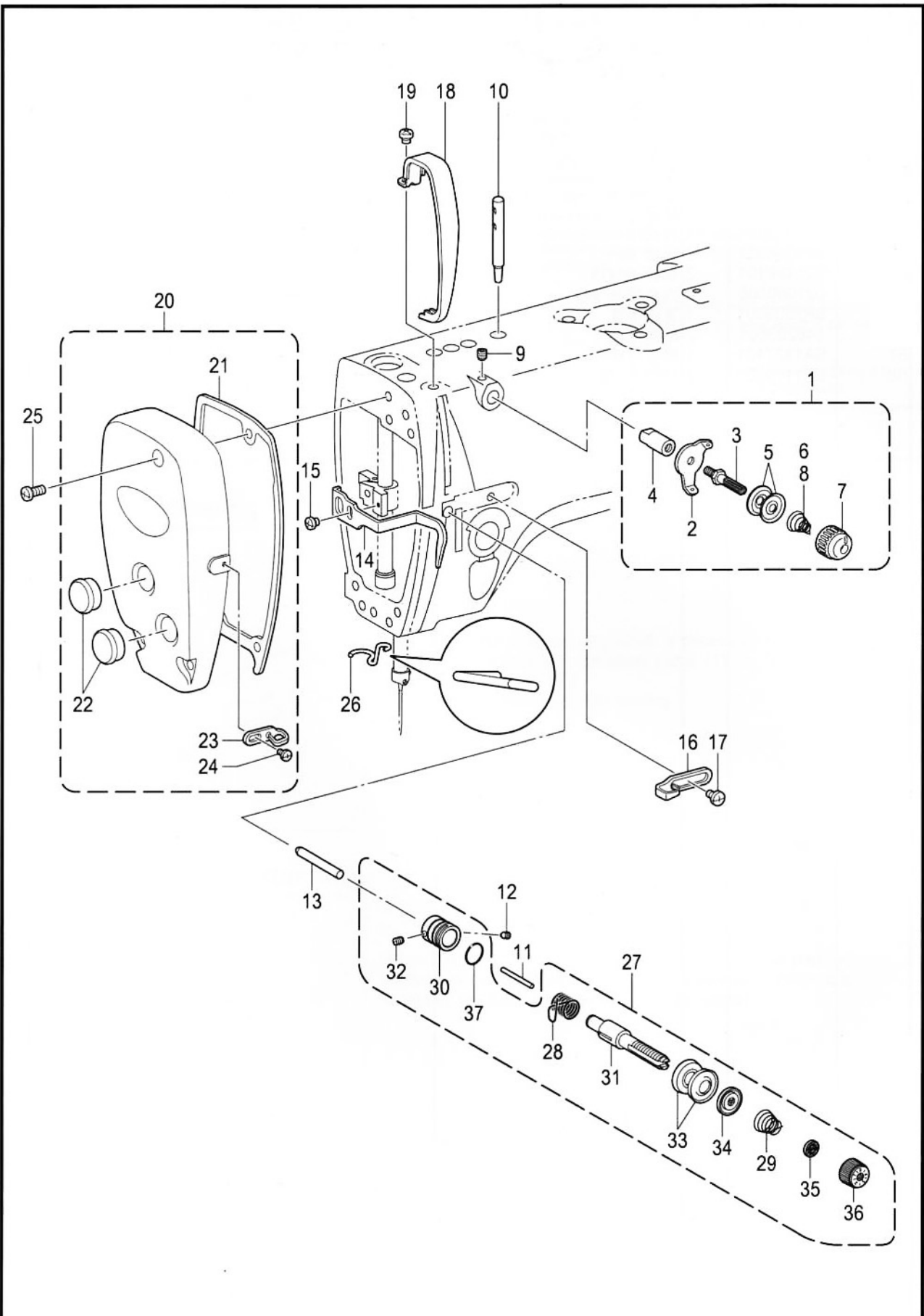
H . Lubrication



H. Lubrication

No.	Code No.	Qty	Name of Parts	RM
54	081029870	1	<For "-□0□ & -□3□"> O RING S29	
55	SA1321401	1	OIL PAN	
56	SA1322301	1	OIL PAN	
57	149578000	4	BUSH	
58	SA1323001	1	KNEE LIFTER SHAFT L	
59	SA1324001	1	KNEE LIFTER SHAFT R	
60	SA1325001	1	KNEE LIFTER	
61	SA1326101	1	KNEE LIFTER, R	
62	S25344001	2	BOLT M6	
63	S25475101	2	SET SCREW, M6X19	
64	021060306	2	NUT 3 M6	
65	SA3508001	1	TWIST SPRING	
66	146293001	2	RETAINING RING, E10	
67	SA1327101	1	KNEE LIFTER CONNECTING ROD	
68	SA1179001	2	SHOULDER SCREW, M5	

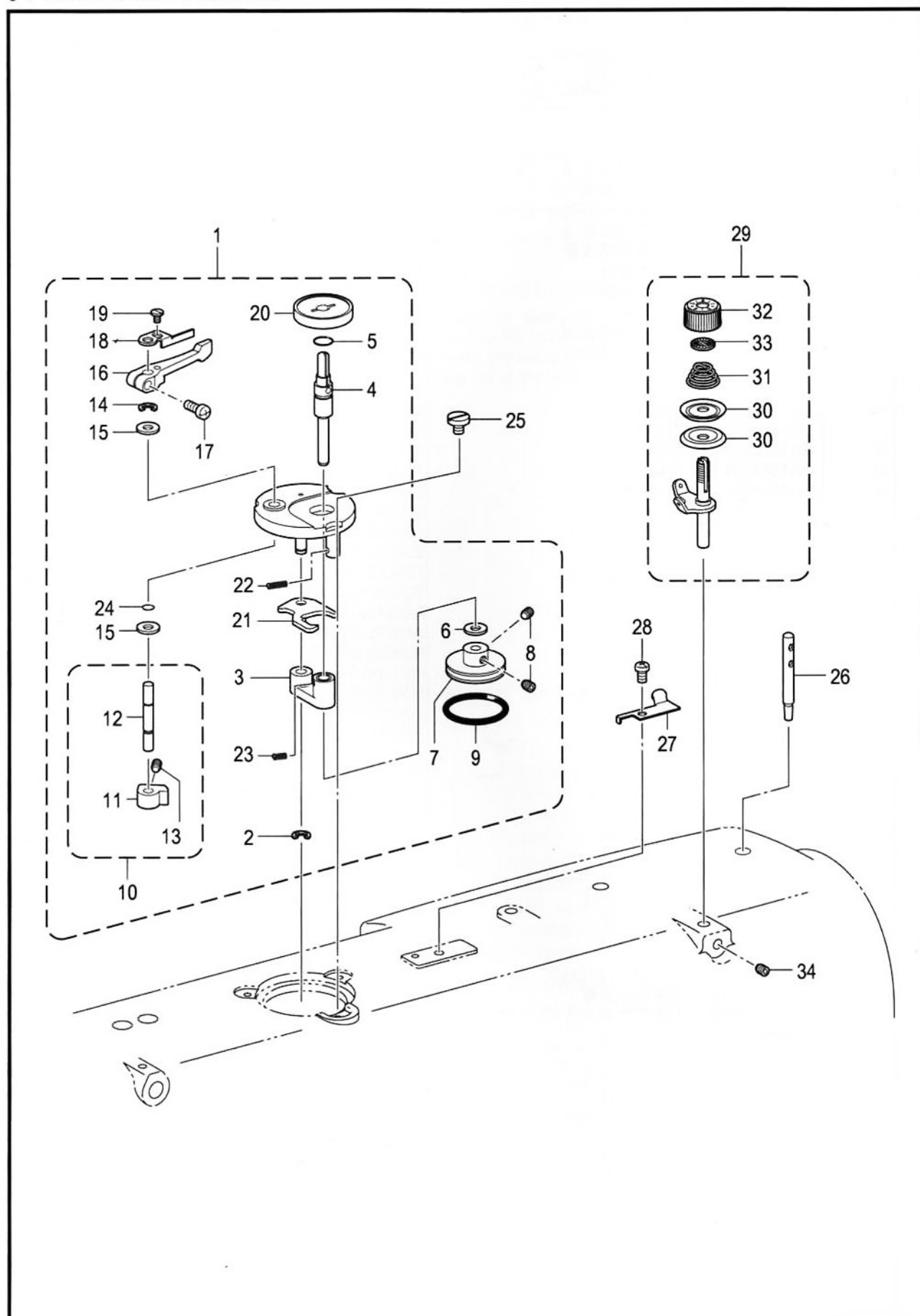
I . Threading mechanism



I. Threading mechanism

No.	Code No.	Qty	Name of Parts	RM
			<For "-□□S">	
1	SA2351101	1	PRE-TENSION ASSY A	
2	SA2362001	1	THREAD GUIDE	
3	S45563001	1	THREAD GUIDE TENSION STUD	
4	SA2363001	1	PRE-TENSION BASE	
5	144504001	2	THREAD GUIDE DISC	
6	SA2356101	1	PRE-TENSION SPRING A	
7	SA6167001	1	THREAD TENSION NUT	
			<For "-□□3 & -□□5">	
1	SA2352101	1	PRE-TENSION ASSY B	
2	SA2362001	1	THREAD GUIDE	
3	S45563001	1	THREAD GUIDE TENSION STUD	
4	SA2363001	1	PRE-TENSION BASE	
5	144504001	2	THREAD GUIDE DISC	
8	SA2358101	1	PRE-TENSION SPRING B	
7	SA6167001	1	THREAD TENSION NUT	
9	012500536	1	SET SCREW SOCKET (FT) M5X5	
10	SA1359001	1	SPOOL PIN	
11	S01419000	1	TENSION RELEASE PIN	
12	SA1229101	1	SET SCREW (FT) M6X6	
13	SA1343001	1	TENSION RELEASE STUD	
14	SA2417001	1	THREAD GUIDE, P-BAR BRACKET	
15	062400816	1	SCREW PAN M4X8	
16	SA1345001	1	ARM THREAD GUIDE, R	
17	060500616	1	SCREW BIND M5X6	
18	SA1342001	1	THREAD TAKE-UP LEVER COVER	
19	062500616	1	SCREW PAN M5X6	
20	SA1961101	1	FACE PLATE ASSY	
21	SA1291001	1	FACE PLATE PACKING	
22	104449001	2	RUBBER CAP, 15.5	
23	SA7271001	1	FACE PLATE THREAD GUIDE	
24	060350616	1	SCREW BIND M3.5X6	
25	062501816	3	SCREW, PAN M5X18	
26	SA7272101	1	THREAD GUIDE, D	
			<For "-□□3">	
27	SA7273001	1	THREAD TENSION BRACKET ASSY	
28	S02620201	1	THREAD TAKE-UP SPRING	
29	SA7275001	1	TENSION SPRING	
			<For "-□□S">	
27	S55656301	1	THREAD TENSION BRACKET ASSY	
28	100399201	1	THREAD TAKE-UP SPRING	
29	115188101	1	TENSION SPRING	
			<For "-□□5">	
27	S55655201	1	THREAD TENSION BRACKET ASSY	
28	S02620201	1	THREAD TAKE-UP SPRING	
29	S04632101	1	TENSION SPRING	
30	S40938001	1	THREAD TENSION BRACKET	
31	116922001	1	TENSION STUD	
32	100402004	1	SET SCREW, SM3.57	
33	145446001	2	DISC, TENSION	
34	159805001	1	TENSION DISC PRESSER	
35	S12441001	1	WASHER	
36	S31032001	1	TENSION NUT	
37	114294001	1	O-RING	

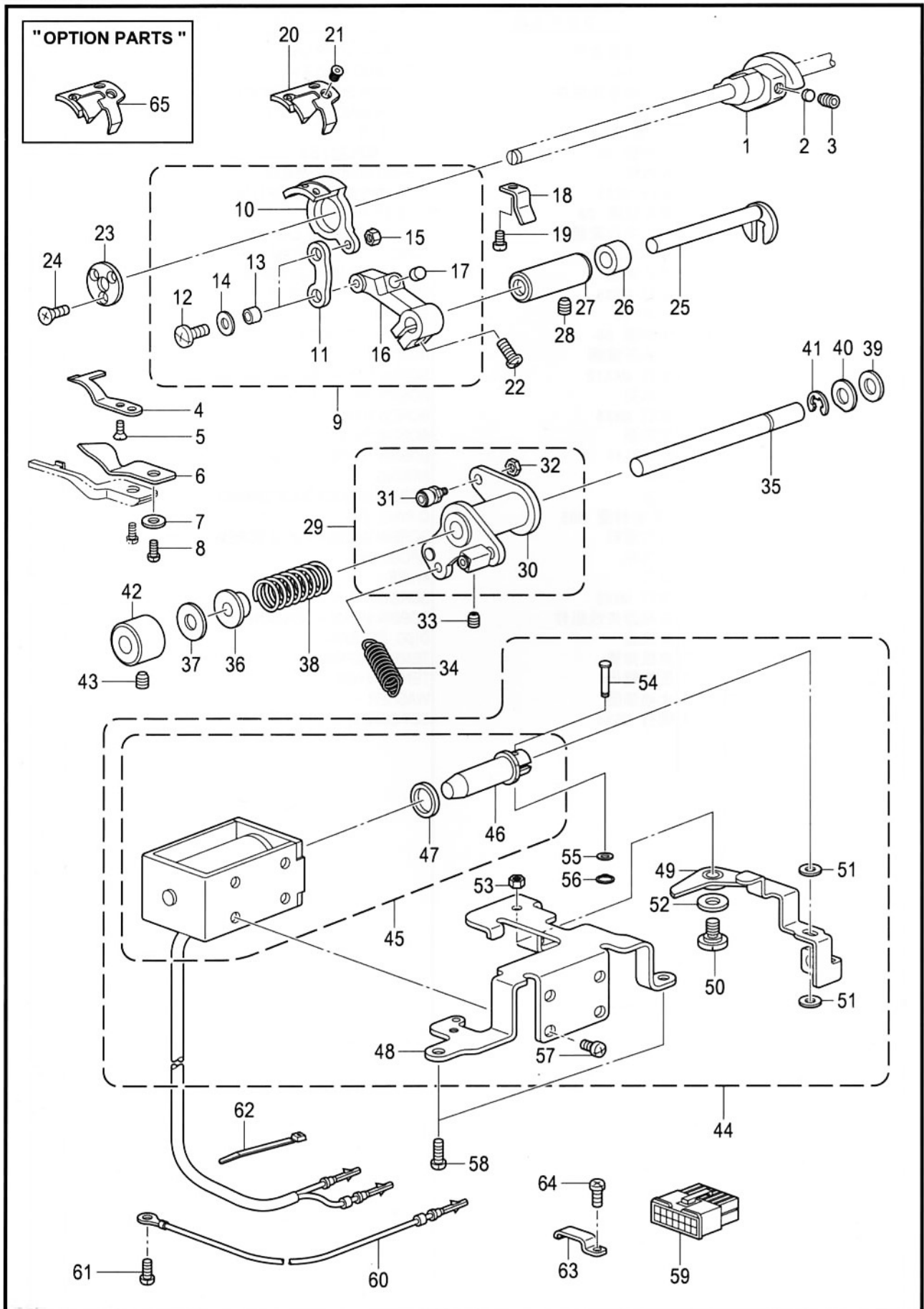
J . Bobbin winder mechanism



J . Bobbin winder mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA1971101	1	BOBBIN WINDER UNIT	
2	048040342	1	RETAINING RING E4	
3	SA1975001	1	B-WINDER SHAFT SUPPORT ASSY	
4	SA1978001	1	BOBBIN WINDER SHAFT	
5	081009070	1	O RING P9	
6	025060136	1	WASHER PLAIN S 6	
7	SA1980001	1	BOBBIN WINDER WHEEL	
8	012500536	2	SET SCREW SOCKET (FT) M5X5	
9	S25789000	1	RUBBER RING, 29	
10	SA1981101	1	BOBBIN PRESSER CAM ASSY	
11	SA1982101	1	BOBBIN PRESSER CAM	
12	SA1983001	1	BOBBIN WINDER ARM SHAFT	
13	012500536	1	SET SCREW SOCKET (FT) M5X5	
14	048040342	1	RETAINING RING E4	
15	025060136	2	WASHER PLAIN S 6	
16	SA1984001	1	BOBBIN PRESSER ARM	
17	062401216	1	SCREW PAN M4X12	
18	SA1985001	1	BOBBIN PRESSER	
19	S23418002	1	SCREW M4X5	
20	SA1988001	1	BOBBIN SUPPORT	
21	SA1989001	1	BOBBIN WINDER LEVER	
22	SA1990101	1	SPRING	
23	SA1991001	1	BOBBIN WINDER BASE SPRING	
24	SA2190001	1	O RING, SS5	
25	SA1992101	3	BOBBIN WINDER FIXED SCREW	
26	SA1359001	1	SPOOL PIN	
27	SA1360101	1	KNIFE	
28	062500616	1	SCREW PAN M5X6	
29	SA1994101	1	BOBBIN WINDER TENSION ASSY	
30	145446002	2	DISC, TENSION	
31	100401022	1	TENSION SPRING	
32	S31032001	1	TENSION NUT	
33	S12441001	1	WASHER	
34	012500536	1	SET SCREW SOCKET (FT) M5X5	

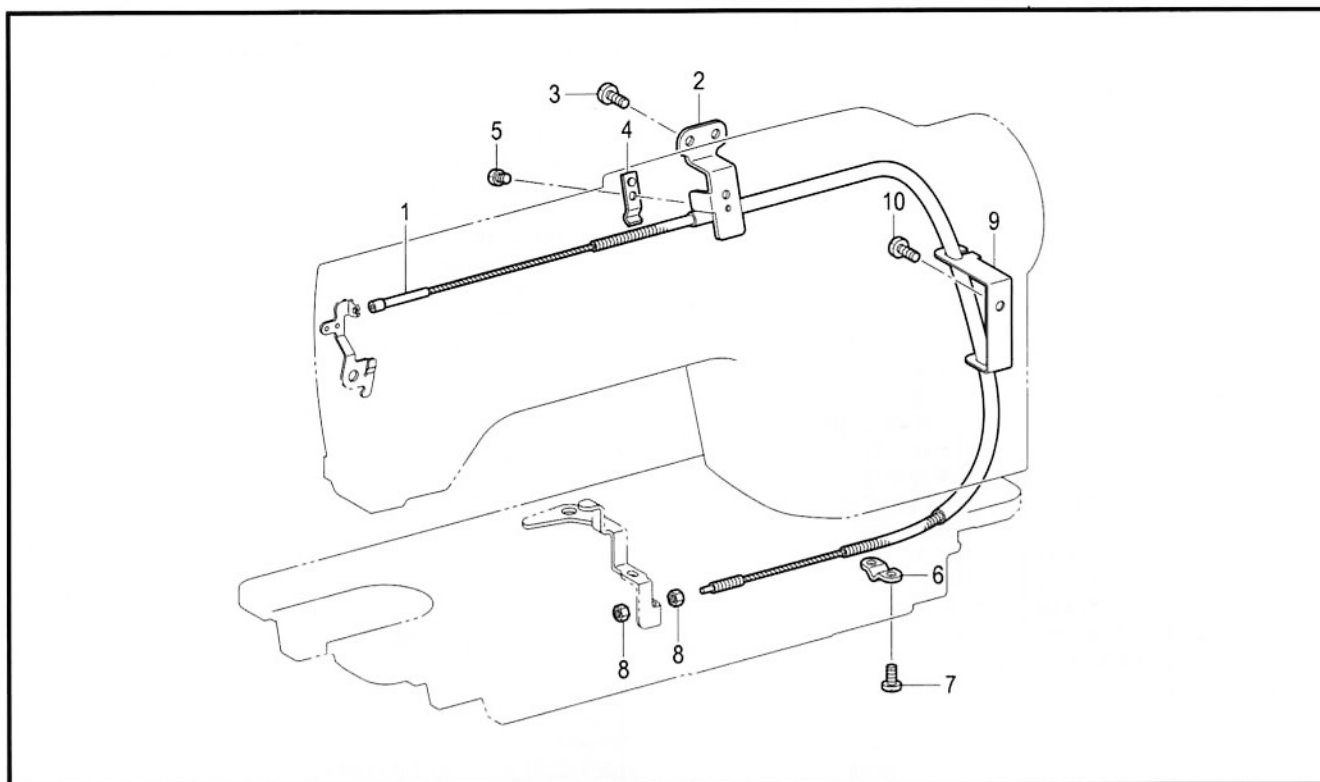
K. Thread trimmer mechanism



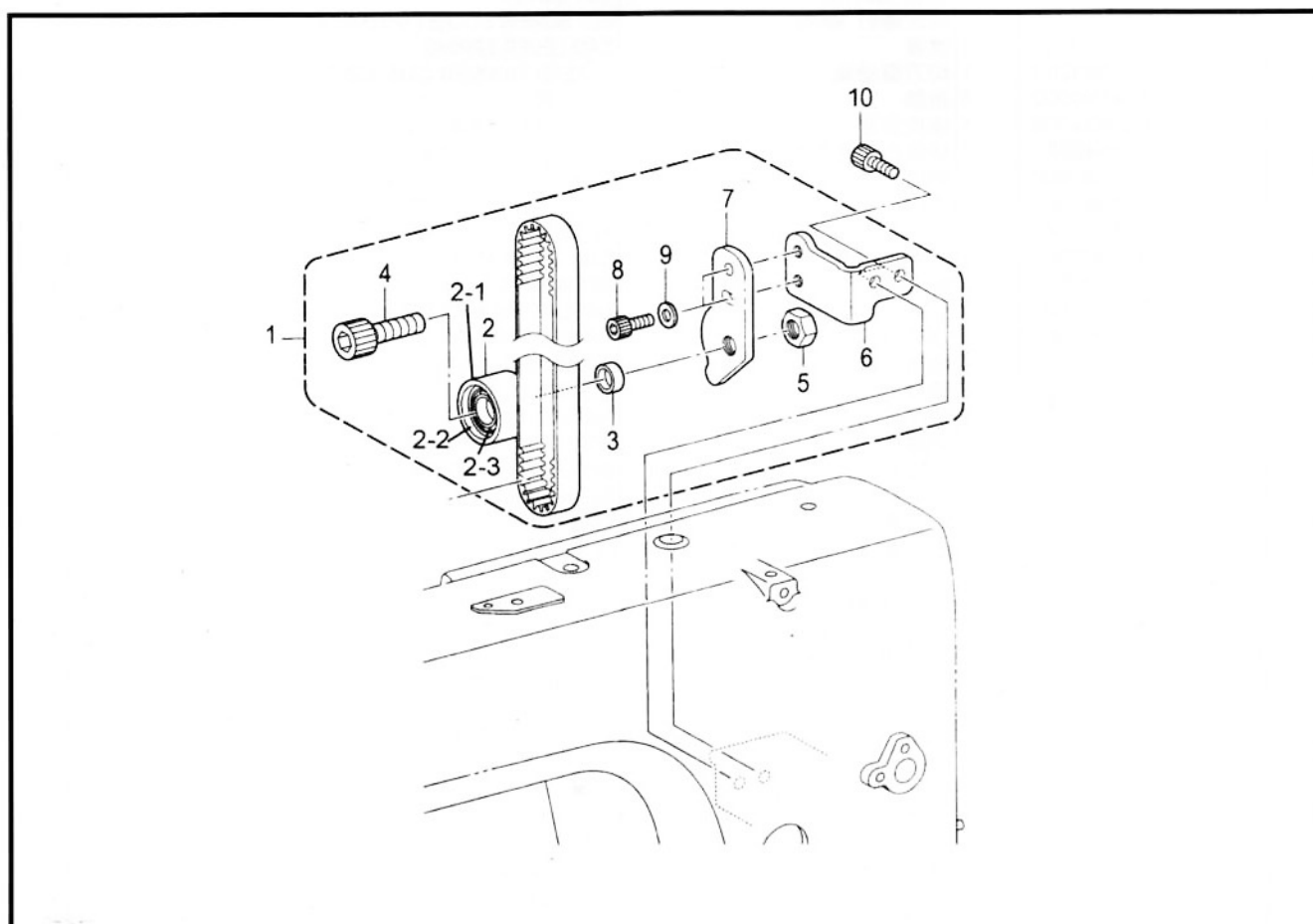
K. Thread trimmer mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA7552001	1	THREAD TRIMMER CAM	
2	154567000	2	SPACER, 5.3	
3	014771032	2	SET SCREW SOCKET SM6.35-40X10	
4	S02637001	1	FIXED KNIFE	
5	102843004	1	SCREW, FLAT SM3.57	
6	S02643001	1	LOWER THREAD FINGER	
7	026040236	1	WASHER PLAIN M 4	
8	062400616	1	SCREW PAN M4X6	
9	SA7282101	1	THREAD TRIMMER HOLDER ASSY	
10	SA7283001	1	HOLDER, M-KNIFE	
11	S25426101	1	THREAD TRIMMER CONNECTING ROD	
12	SA7577001	2	SCREW BIND M4X10 SEAL	
13	SA5329001	2	COLLAR	
14	100645003	2	WASHER	
15	021400306	1	NUT 3 M4	
16	SA7284101	1	THREAD TRIMMER LEVER	
17	SA7285001	1	LEVER STOPPER	
18	SA7341101	1	THREAD TRIMMER STOPPER BASE	
19	062400616	1	SCREW PAN M4X6	
20	S02645001	1	MOVABLE KNIFE	
21	148537101	2	SCREW, FLAT (W/SOCKET) SM4.37	
22	062501416	1	SCREW PAN M5X14	
23	SA7287001	1	KNIFE HOLDER PRESSER PLATE	
24	004301016	3	SCREW FLAT M3X10	
25	S02647021	1	FORKED SHAFT	
26	S02648001	1	COLLAR	
27	154581001	1	FORKED SHAFT BUSH	
28	012060536	1	SET SCREW, SOCKET (FT) M6X5	
29	SA1362101	1	THREAD TRIMMER LEVER UNIT	
30	SA1363001	1	THREAD TRIMMER LEVER ASSY	
31	SA2258001	1	ROLLER SHAFT, C ASSY	
32	105234003	1	NUT SM4.37	
33	S23651001	1	SET SCREW SOCKET (FT) M6X6	
34	SA2383001	1	CAM LEVER SPRING	
35	154593201	1	THREAD TRIMMER CAM LEVER SHAFT	
36	154594000	1	COLLAR	
37	S25434000	1	RUBBER CUSHION	
38	154595001	1	SPRING, EXTENSION	
39	154596000	1	CUSHION	
40	110367001	1	WASHER, PLAIN SPECIAL 8	
41	048060342	1	RETAINING RING E6	
42	SA1366001	1	CAM LEVER SHAFT BUSH	
43	012060536	1	SET SCREW, SOCKET (FT) M6X5	
44	SA1391601	1	THREAD TRIMMER SOLENOID ASSY	
45	SA1392001	1	THREAD TRIMMER SOLENOID	
46	SA1393001	1	SOLENOID PLUNGER	
47	S36893050	1	RUBBER CUSHION	
48	SA1367201	1	THREAD TRIMMER SOLENOID BASE	
49	SA7898201	1	SOLENOID LEVER	
50	SA7899001	1	SHOULDER SCREW M6	
51	SA2097101	2	SILENT SHEET	
52	SA7900001	1	WASHER PLAIN	
53	021060306	1	NUT 3 M6	
54	SA7288001	1	PIN	
55	025040232	1	WASHER PLAIN M 4	
56	048040142	1	RETAINING RING EXTERNAL C4	
57	062400816	4	SCREW PAN M4X8	
58	062501216	3	SCREW PAN M5X12	
59	S38687000	1	CONNECTOR, 5557-14R	
60	SA1998001	1	GROUND WIRE ASSY	
61	062500816	1	SCREW PAN M5X8	
62	SA2868001	3	BAND	
63	SA1394101	1	CORD HOLDER U3	
64	062500816	1	SCREW PAN M5X8	
			<OPTION PARTS>	
65	S02646001	1	MOVABLE KNIFE, S	

L . Tension release mechanism



M. Tension pulley assy



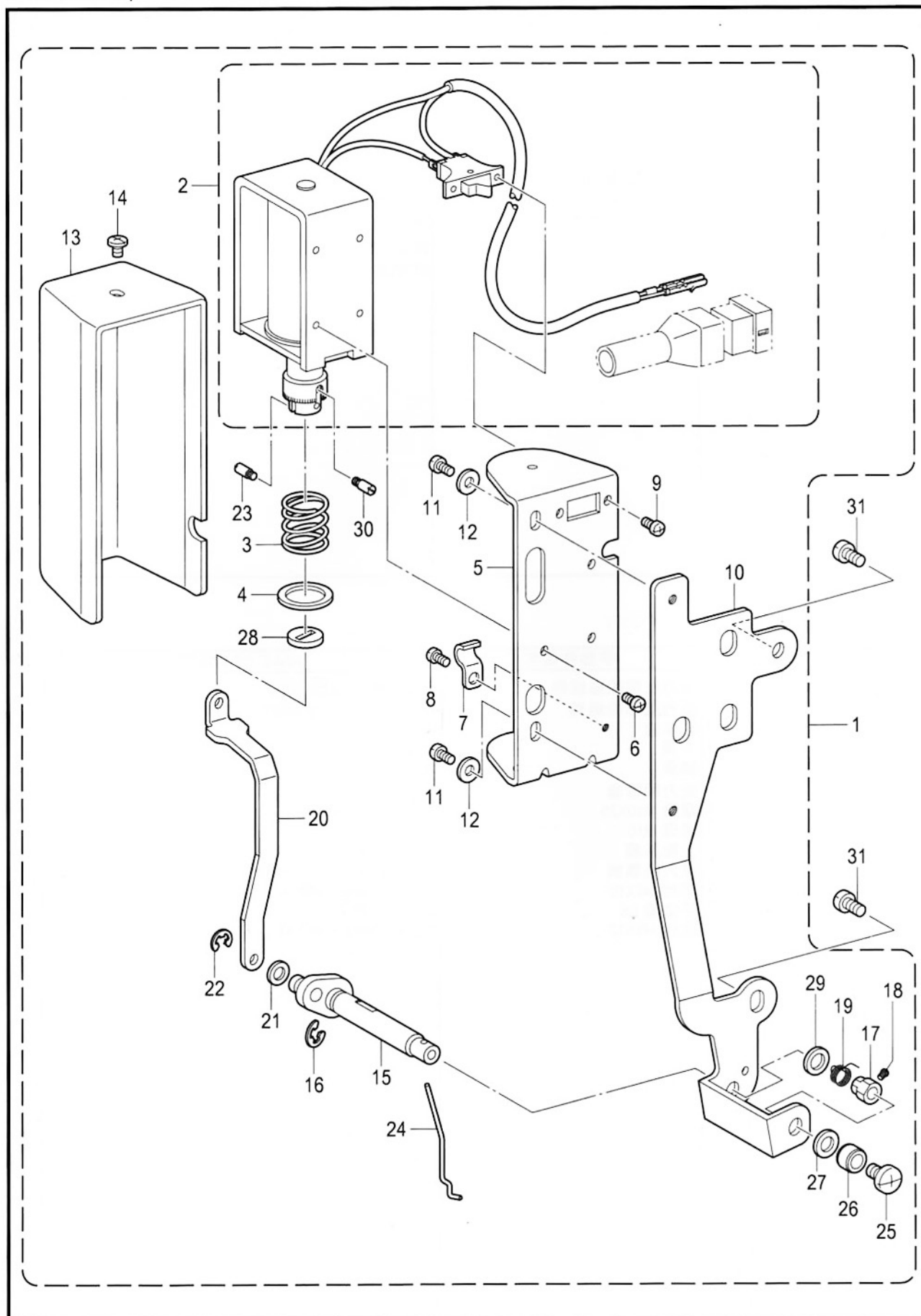
L. Tension release mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA1371201	1	TENSION RELEASE WIRE	
2	SA1372001	1	WIRE HOLDER, U	
3	062500816	2	SCREW PAN M5X8	
4	SA1373001	1	WIRE HOLDER, U	
5	060400516	1	SCREW BIND M4X5	
6	154607101	1	WIRE HOLDER, D	
7	060400816	2	SCREW BIND M4X8	
8	110161004	2	NUT, SM4.76	
9	SA2171001	1	WIRE CORD HOLDER	
10	062500816	1	SCREW PAN M5X8	

M. Tension pulley assy

No.	Code No.	Qty	Name of Parts	RM
1	SA8058301	1	TENSION PULLEY UNIT	
2	SA9763001	1	TENSION PULLEY ASSY	
2-1		1	BEARING BUSH	
2-2		1	RING	
2-3		1	BEARING	
3	S50165001	1	COLLAR	
4	018102536	1	BOLT SOCKET M10X25	
5	021100302	1	NUT 3 M10	
6	SA8059101	1	PULLEY BASE	
7	SA8060201	1	TENSION PULLEY PLATE	
8	018061036	2	BOLT SOCKET M6X10	
9	025060136	2	WASHER PLAIN S 6	
10	018061236	2	BOLT SOCKET M6X12	

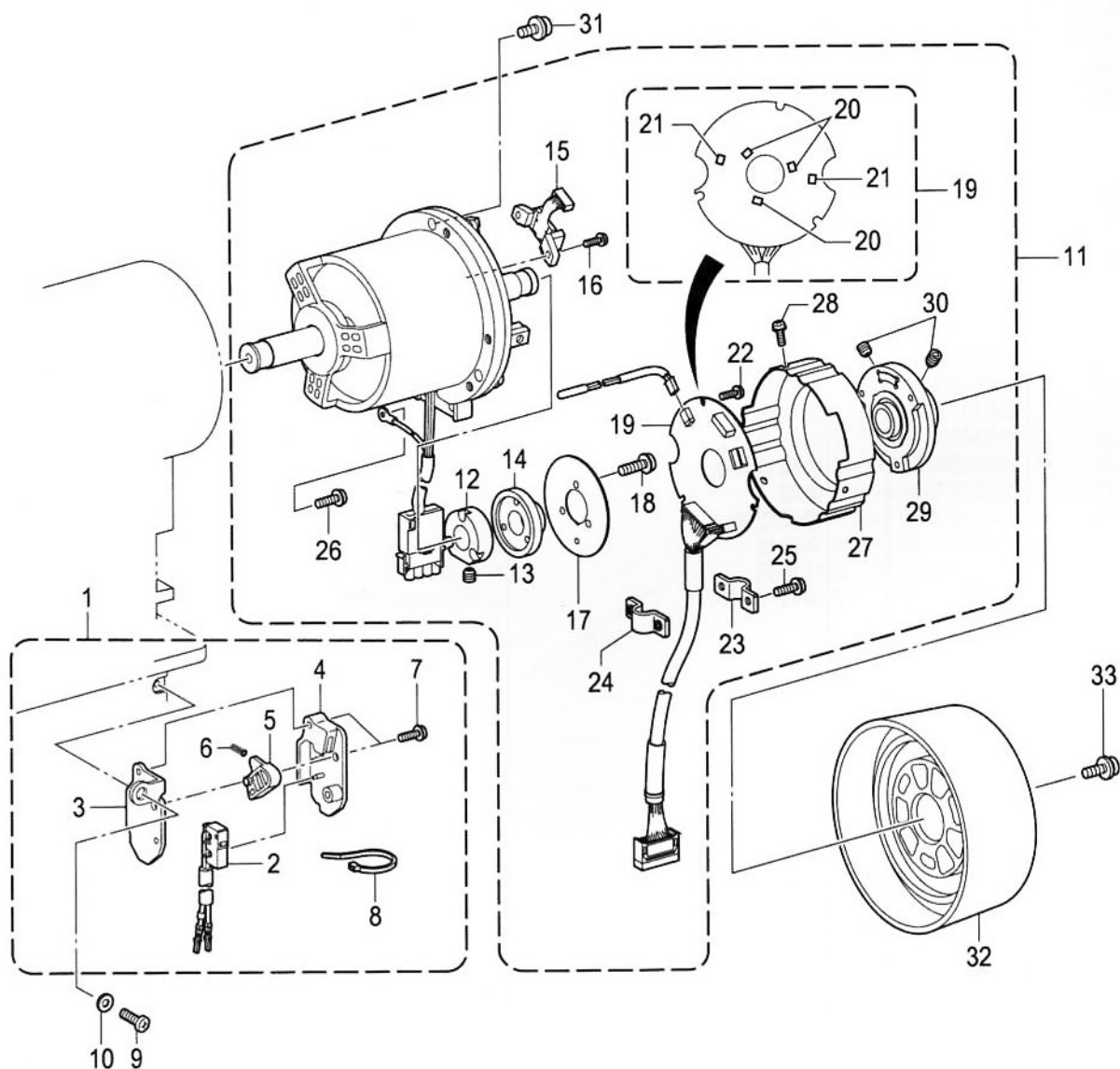
N . Thread wiper mechanism



N. Thread wiper mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA1374301	1	THREAD WIPER DEVICE ASSY	
2	SA1396001	1	THREAD WIPER SOLENOID ASSY	
3	S41206001	1	THREAD WIPER SPRING	
4	S41205001	1	WASHER, PLAIN	
5	S25449201	1	SOLENOID SETTING PLATE	
6	062300616	3	SCREW PAN M3X6	
7	140647101	1	CORD HOLDER	
8	062300616	1	SCREW PAN M3X6	
9	062300616	2	SCREW PAN M3X6	
10	SA1376001	1	THREAD WIPER BASE	
11	062400616	2	SCREW PAN M4X6	
12	026040236	2	WASHER PLAIN M 4	
13	SA8002001	1	SOLENOID COVER	
14	060400516	1	SCREW BIND M4X5	
15	SA1967001	1	THREAD WIPER CRANK ASSY	
16	048040342	1	RETAINING RING E4	
17	S25454001	1	SET SCREW COLLAR	
18	S25279101	1	SET SCREW (CP) M3.5-5	
19	SA2287001	1	SPRING	
20	SA1377001	1	THREAD WIPER ROD	
21	110735002	1	WASHER	
22	048030342	1	RETAINING RING E3	
23	S25456001	1	PLUNGER PIN	
24	SA1378201	1	THREAD WIPER	
25	060400516	1	SCREW BIND M4X5	
26	146288001	1	THREAD WIPER STUD COLLAR	
27	S03677001	1	WASHER	
28	S41207000	1	SPACER RUBBER	
29	149097000	1	SILENT SHEET	
30	S25456001	2	PLUNGER PIN	
31	062500816	2	SCREW PAN M5X8	

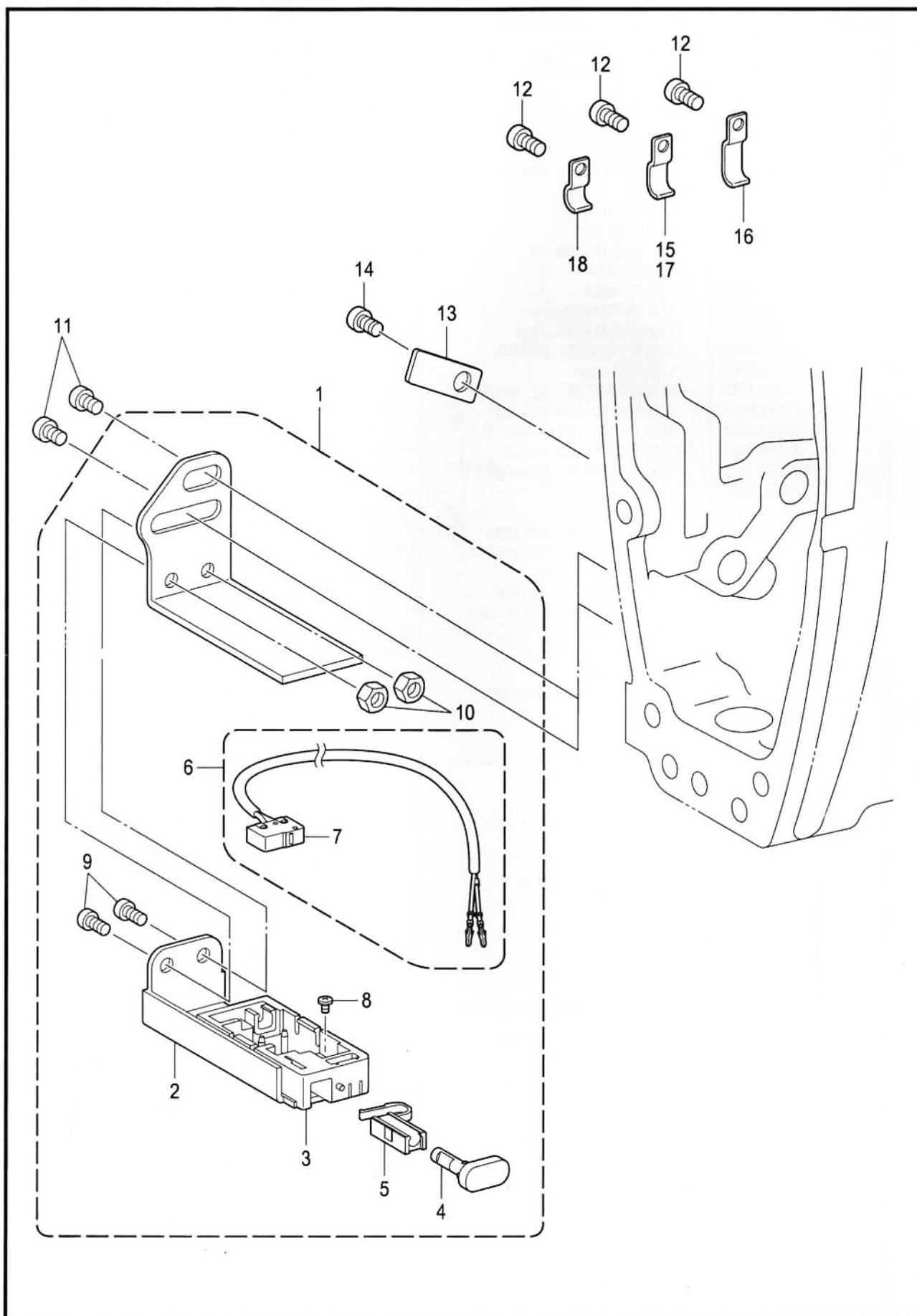
0 . Control box and motor mechanism



0. Control box and motor mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA7291101	1	SAFETY SWITCH ASSY	
2	SA7325001	1	MICRO SWITCH ASSY	
3	SA7292101	1	SAFETY SWITCH BASE	
4	SA5730101	1	SAFETY SWITCH BASE	
5	SA5732001	1	SAFETY SWITCH LEVER	
6	SA5731001	1	SAFETY SWITCH SPRING	
7	SA7293001	2	SCREW, PAN (S/P W) M3X12	
8	SA2868001	1	BAND	
9	062060816	1	SCREW PAN M6X8	
10	025060136	1	WASHER PLAIN S 6	
11	J03940001	1	MOTOR ASSY CDD-HS	
12	J03955001	1	DRUM CDD	
13	014400632	2	SET SCREW SOCKET (CP) M4X6	
14	J03956001	1	MAGNET 180P36	
15	J03957001	1	MR SENSOR ASSY 180P	
16	0A4300806	2	SCREW PAN (S/P WASHER) M3X8	
17	J03958001	1	SHIELD PLATE CDD	
18	0A4261006	3	SCREW PAN (S/P WASHER) M2.6X10	
19	J04487001	1	PCB ASSY CDD-ENC#2	
20	J03983001	3	HALL ELEMENT: ICEW-400	
21	J03984001	2	HALL ELEMENT: ICEW-450	
22	0A5300606	3	SCREW PAN (S/P WASHER) M3X6	
23	J03961001	1	CORD HOLDER (HOLE)	
24	J03962001	1	CORD HOLDER (TAPPING)	
25	0A4401606	2	SCREW PAN (S/P WASHER) M4X16	
26	0A4401006	1	SCREW PAN (S/P WASHER) M4X10	
27	J04296001	1	ENCODER COVER CDD#2	
28	0A4300806	3	SCREW PAN (S/P WASHER) M3X8	
29	J03964001	1	PULLEY HOLDER ASSY CDD	
30	014500632	2	SET SCREW SOCKET (CP) M5X6	
31	SA2354001	3	SCREW PAN M5X18	
32	SA4211001	1	PULLEY,CDD	
33	SA3025001	3	SCREW PAN(S/P WASHER)M4X10	

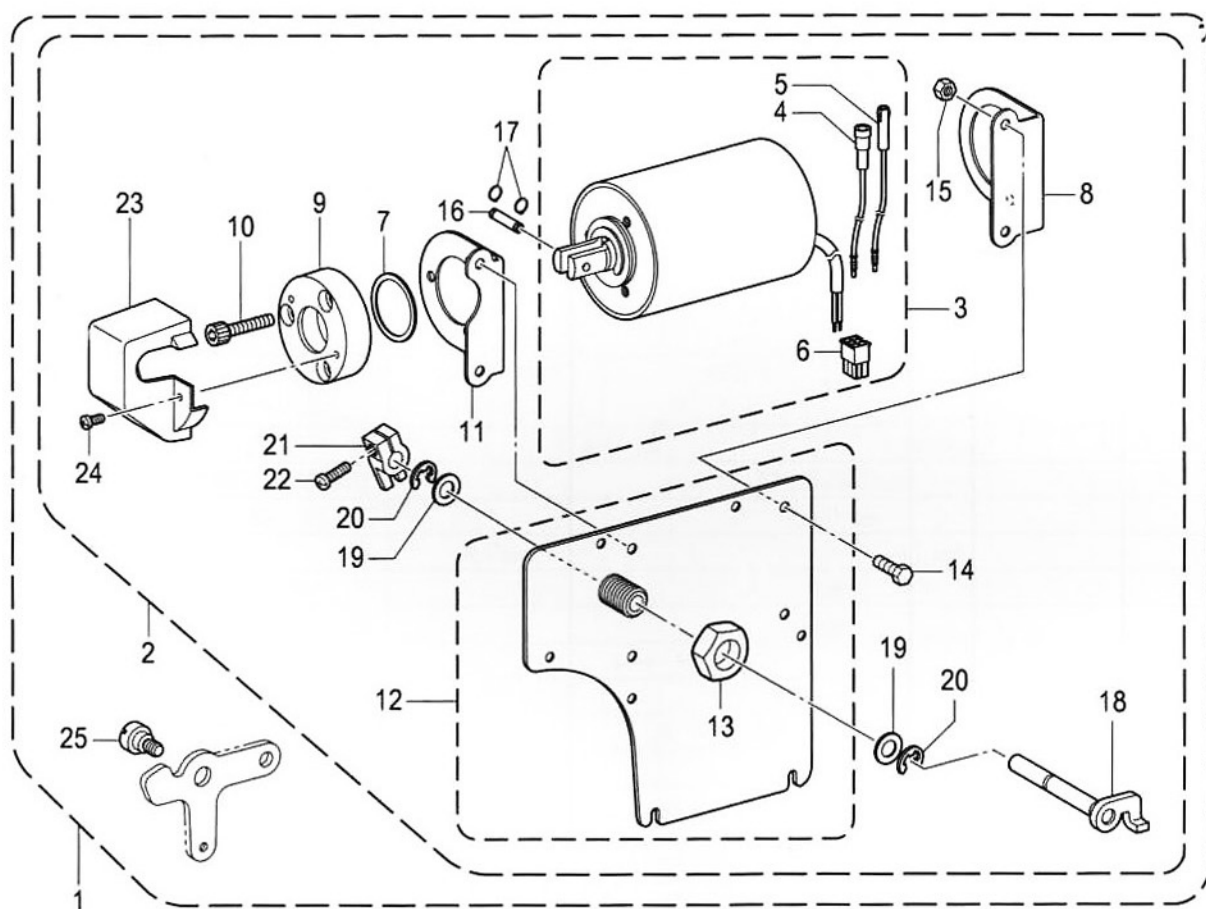
P. Quick reverse switch mechanism



P. Quick reverse switch mechanism

No.	Code No.	Qty	Name of Parts	RM
1	SA7294001	1	R-ACTUATOR ASSY	
2	SA2270001	1	REVERSE SWITCH BRACKET	
3	SA7295001	1	REVERSE SWITCH BRACKET	
4	SA4098001	1	ACTUATOR	
5	SA4099001	1	REVERSE SWITCH SPRING	
6	SA1390001	1	R-SWITCH ASSY	
7	S32907050	1	MICRO SWITCH	
8	060300606	1	SCREW BIND M3X6	
9	062400816	2	SCREW PAN M4X8	
10	021400206	2	NUT 2 M4	
11	062500616	2	SCREW PAN M5X6	
12	062500816	3	SCREW PAN M5X8	
13	SA8008001	1	CORD HOLDER	
14	062500616	1	SCREW PAN M5X6	
			<For "-4□□">	
15	SA1388101	1	CORD HOLDER	
16	SA1394101	2	CORD HOLDER U3	
			<For "-3□□">	
17	SA1388101	2	CORD HOLDER	
18	SA2689101	1	CORD HOLDER	

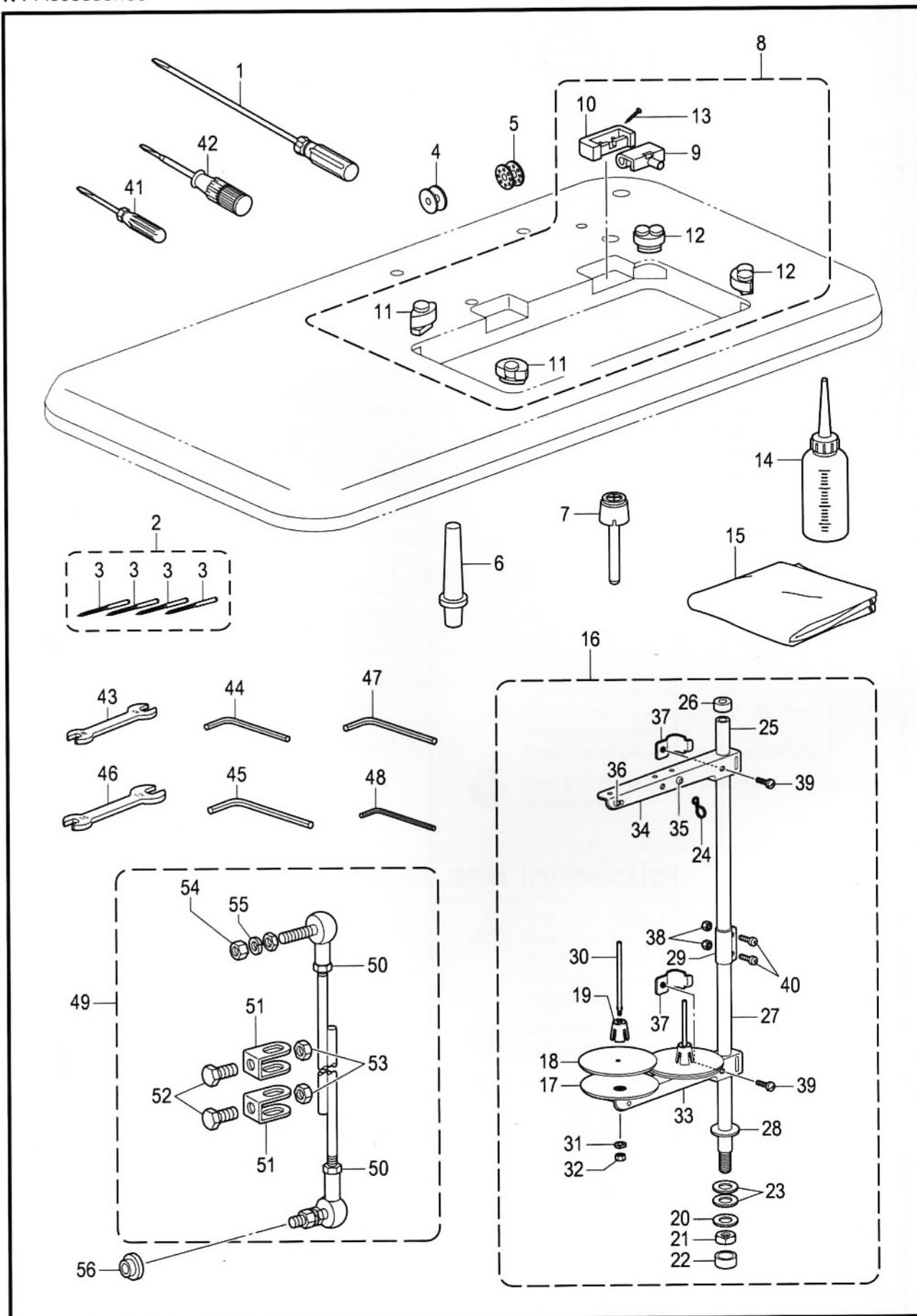
Q. Presser foot lifting set mechanism (Option parts)



Q. Presser foot lifting set mechanism (Option parts)

No.	Code No.	Qty	Name of Parts	RM
1	SA1397001	1	SOLENOID P-FOOT LIFTER SET, B	
2	SA1941001	1	SOLENOID P-FOOT LIFTER ASSY	
3	SA1942001	1	P-FOOT LIFTER SOLENOID ASSY	
4	S38803051	1	B-CORD ASSY 100	
5	S38804050	1	W-CORD ASSY, 100	
6	SA2177001	1	CONNECTOR:5557-6R	
7	S16625050	1	RUBBER STOPPER	
8	SA1335001	1	SOLENOID BASE R	
9	S16629151	1	SOLENOID STOPPER	
10	018761832	3	BOLT, SOCKET SM5.95-28X18	
11	SA1336001	1	SOLENOID BASE L	
12	SA1950001	1	REAR PLATE	
13	SA2296001	1	NUT M20	
14	017061216	4	BOLT M6X12	
15	021060216	4	NUT 2 M6	
16	S16630051	1	PIN	
17	048050142	2	RETAINING RING EXTERNAL C5	
18	SA1332001	1	KNEE LIFTER SHAFT	
19	S20356001	2	WASHER, PLAIN 10	
20	048080342	2	RETAINING RING E8	
21	SA1338001	1	PRESSER FOOT LIFTER ARM	
22	062501216	1	SCREW PAN M5X12	
23	S16643009	1	COVER	
24	062670612	2	SCREW PAN SM3.57-40X6	
25	SA2165001	1	SHOULDER SCREW, M6	

R . Accessories



R. Accessories

No.	Code No.	Qty	Name of Parts	RM
1	S17774001	1	SCREW-DRIVER, 4.7X250 <For "-□□3">	
2	SA1656011	1	NEEDLE 4PIECE ASSY, 100265..... <#11>	
3	100265031	4	NEEDLE DBX1	
2	SA1656014	1	NEEDLE 4PIECE ASSY, 100265..... <#14>	
3	100265034	4	NEEDLE DBX1	
2	SA1752014	1	NEEDLE 4PIECE ASSY, 107415..... <#14>	
3	107415014	4	NEEDLE, DPX5 <For "-□□5">	
2	SA1656022	1	NEEDLE 4PIECE ASSY, 100265..... <#22>	
3	100265042	4	NEEDLE DBX1	
2	SA1752022	1	NEEDLE 4PIECE ASSY, 107415..... <#22>	
3	107415022	4	NEEDLE, DPX5 <For "-□□S">	
2	SA1658010	1	NEEDLE 3PIECE ASSY, S35775..... <#10>	
2	SA1660010	1	NEEDLE 3PIECE ASSY, S37061..... <#10>	
3	S37061010	3	NEEDLE, DPX5 NS <For "-□□S">	
4	146290001	3	BOBBIN <For "-□□5">	
5	117132001	3	BOBBIN	
6	S06055009	1	HEAD REST, S	
7	S09634000	1	KNEE LIFTER COMPLYING BAR	
8	SA1969001	1	RUBBER HINGE ASSY	
9	143882001	2	HEAD HINGE	
10	143910009	2	RUBBER CUSHION	
11	SA1962001	2	HEAD CUSHION..... <For left side>	
12	SA1963001	2	HEAD CUSHION..... <For right side>	
13	109714000	4	NAIL	
14	SA7297101	1	OIL TANK ASSY	
15	144226001	1	HEAD COVER	
16	S02763602	1	COTTON STAND ASSY 2DR	
17	S51283001	2	SPOOL STAND BASE	
18	150182000	2	SPOOL MAT	
19	S51282101	2	SPOOL CUSHION	
20	150206002	1	WASHER PLAIN 16	
21	SA6629001	1	NUT M16	
22	150174000	1	COLUMN CAP	
23	S01005000	2	RUBBER WASHER	
24	S02747101	1	SPRING	
25	150172003	1	COLUMN PIPE	
26	150174000	1	COLUMN CAP	
27	150207001	1	COLUMN PIPE W/SCREW	
28	150206000	1	WASHER PLAIN 16	
29	SA6606001	1	COLUMN JOINT	
30	150179002	2	SPOOL SHAFT B	
31	028050244	2	WASHER SPRING 2-5	
32	021500104	2	NUT 1 M5	
33	SA6607001	1	SPOOL HOLDER 2	
34	SA6607001	1	SPOOL HOLDER 2	
35	150183000	2	THREAD HANGER BASE	
36	142990001	2	THREAD BUSH	
37	SA6609001	2	SPOOL HOLDER SUPPORTER	
38	021500104	2	NUT 1 M5	
39	062061604	2	SCREW PAN M6X16	
40	062501404	2	SCREW PAN M5X14	
41	142443001	1	SCREW-DRIVER, 1.9X52	
42	118837001	1	SCREW-DRIVER, 3.4X70	
43	100887001	1	WRENCH, 8X9	
44	142002001	1	HEXAGONAL WRENCH, 2	
45	142721001	1	HEXAGONAL WRENCH, 3	
46	107780001	1	WRENCH, 10X12	
47	154125001	1	HEXAGONAL WRENCH, 2.5	
48	S07783001	1	HEXAGONAL WRENCH, 1.5 <OPTION PARTS>	
49	S40765001	1	CONNECTING ROD ASSY	
50	021060106	2	NUT 1 M6	
51	119101001	2	CONNECTING ROD CLAMP	
52	017841606	2	BOLT SM7.94-18X16	
53	133643006	2	NUT SM7.94-18	
54	021060106	2	NUT 1 M6	
55	028060243	2	WASHER, SPRING 2-6	
56	114859001	2	COLLAR	

S1. Different parts list (For China)

REF.NO	Name of parts	Specification		
		Minimum lubrication type		
		-□03	-□05	Destination
		Medium-weight materials	Heavy-weight materials	
B-49	Needle bar	SA1133001	SA1137001	For China
B-84	Needle	100265034	100265042	
B-83	Needle plate	111859301	150792101	
C-7	Presser bar spring	S13561101	141728001	
C-9	Presser foot assy	153037201	150789101	
D-90	Feed dog	SA2345001	150793001	
G-20	Hook stopper	S02602001	159324001	
G-30	Rotary hook assy, w/box	SA7686002	SA7688001	
G-27	Bobbin	146290001	---	
G-28	Bobbin	---	117132001	

REF.NO	Name of parts	Specification		
		Semi dry type		
		-□3S	-□33	Destination
		Light-weight materials & for Difficult-to-sew materials	Medium-weight materials	
B-49	Needle bar	SA1135001	SA7241001	For China
B-84	Needle	S35775010	100265034	
B-83	Needle plate	S03883201	111859301	
C-7	Presser bar spring	147514001	S13561101	
C-9	Presser foot assy	S35777101	153037201	
D-92, D-90	Feed dog	SA2346001	SA2345001	
G-20	Hook stopper	S02602001	←	
G-30	Rotary hook assy, w/box	SA7687001	SA7686002	
G-27	Bobbin	146290001	←	

REF.NO	Name of parts	Specification		
		Complete dry type		
		-□5S	-□53	Destination
		Light-weight materials & for Difficult-to-sew materials	Medium-weight materials	
B-49	Needle bar	SA1135001	←	For China
B-84	Needle	S35775010	100265034	
B-83	Needle plate	S03883201	111859301	
C-7	Presser bar spring	147514001	S13561101	
C-9	Presser foot assy	S35777101	153037201	
D-92, D-90	Feed dog	SA2346001	SA2345001	
G-20	Hook stopper	S02602001	←	
G-30	Rotary hook assy, w/box	S52936001	←	
G-27	Bobbin	146290001	←	

S2. Different parts list (For General export)

REF.NO	Name of parts	Specification		
		Minimum lubrication type		
		-□03	-□05	Destination
		Medium-weight materials	Heavy-weight materials	
B-49	Needle bar	SA1133001	SA1137001	For General export
B-84	Needle	100265034	100265042	
B-83	Needle plate	111859301	150792101	
C-7	Presser bar spring	S13561101	141728001	
C-9	Presser foot assy	153037201	150789101	
D-90	Feed dog	SA2345001	150793001	
G-20	Hook stopper	S02602001	159324001	
G-30	Rotary hook assy, w/box	SA7686002	SA7688001	
G-27	Bobbin	146290001	---	
G-28	Bobbin	---	117132001	

REF.NO	Name of parts	Specification		
		Semi dry type		
		-□3S	-□33	Destination
		Light-weight materials & for Difficult-to-sew materials	Medium-weight materials	
B-49	Needle bar	SA1135001	SA7241001	For General export
B-84	Needle	S35775010	100265034	
B-83	Needle plate	S03883201	111859301	
C-7	Presser bar spring	147514001	S13561101	
C-9	Presser foot assy	S35777101	153037201	
D-92, D-90	Feed dog	SA2346001	SA2345001	
G-20	Hook stopper	S02602001	←	
G-30	Rotary hook assy, w/box	SA7687001	SA7686002	
G-27	Bobbin	146290001	←	

REF.NO	Name of parts	Specification		
		Complete dry type		
		-□5S	-□53	Destination
		Light-weight materials & for Difficult-to-sew materials	Medium-weight materials	
B-49	Needle bar	SA1135001	←	For General export
B-84	Needle	S35775010	100265034	
B-83	Needle plate	S03883201	111859301	
C-7	Presser bar spring	147514001	S13561101	
C-9	Presser foot assy	S35777101	153037201	
D-92, D-90	Feed dog	SA2346001	SA2345001	
G-20	Hook stopper	S02602001	←	
G-30	Rotary hook assy, w/box	S52936001	←	
G-27	Bobbin	146290001	←	

P

Unicorn®

LS2-H9000-SD

UNICORN MACHINE INDUSTRIES Corp.

HEAD OFFICE

No. 588-21, SHINSA-DONG, KANGNAM-KU, SEOUL, KOREA

TEL : 82-2-3446-4083 / FAX : 82-2-3446-5144

유니콘미싱공업(주)

서울시 강남구 신사동 588-21

TEL : 82-2-3446-4083 / FAX : 82-2-3446-5144

부산공장

부산시 사하구 다대동 1521-2

TEL : 051-265-3301/5