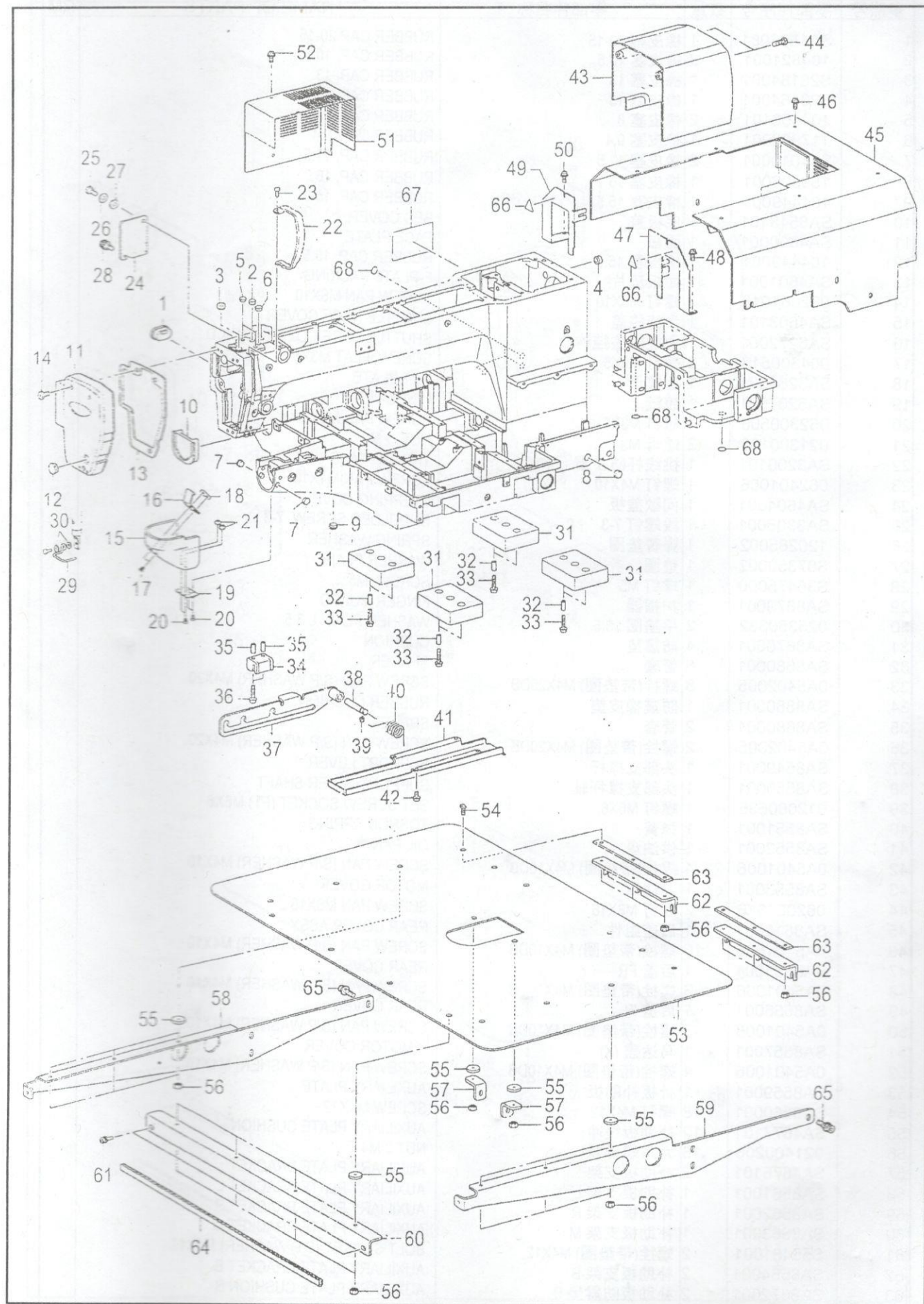
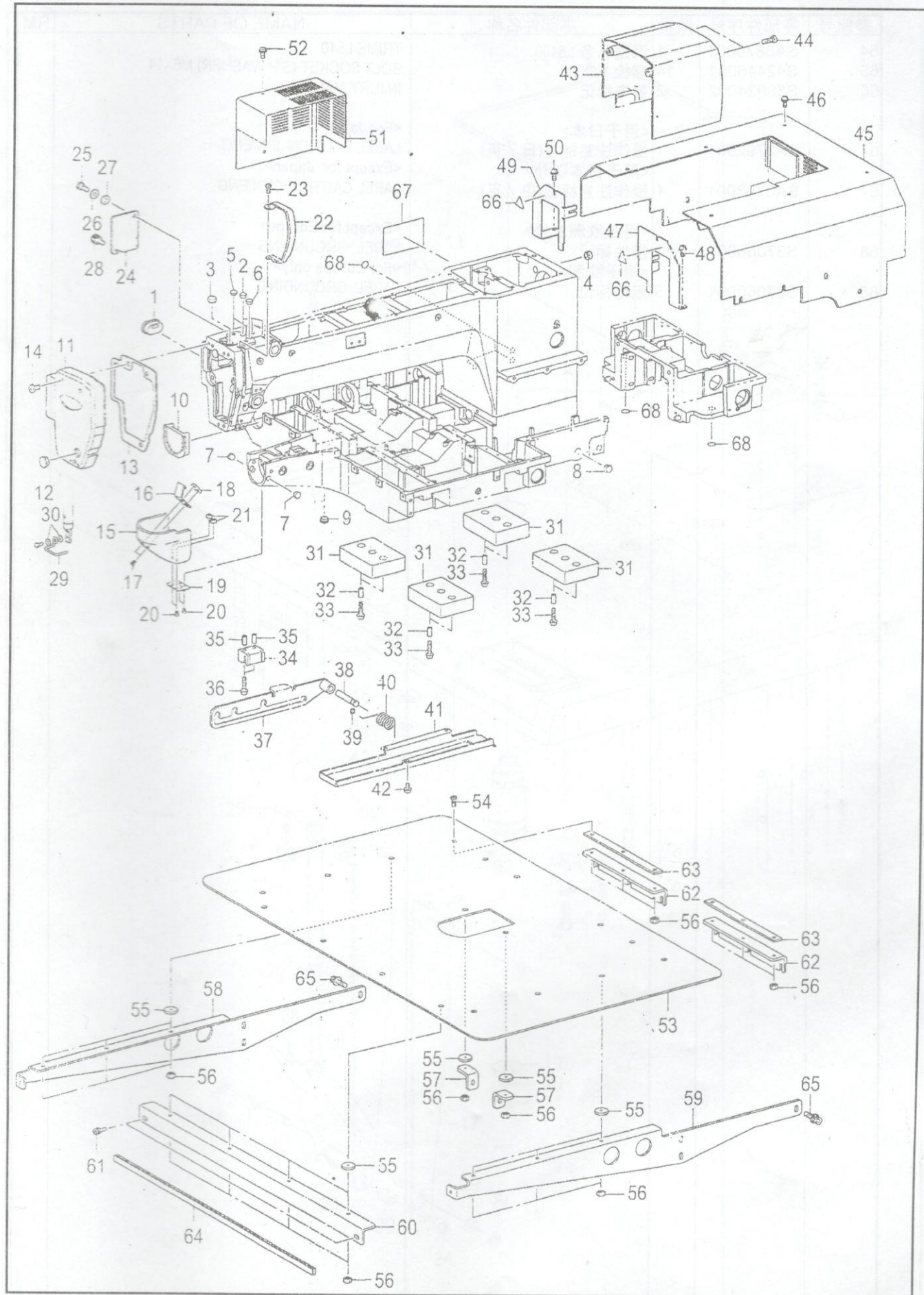




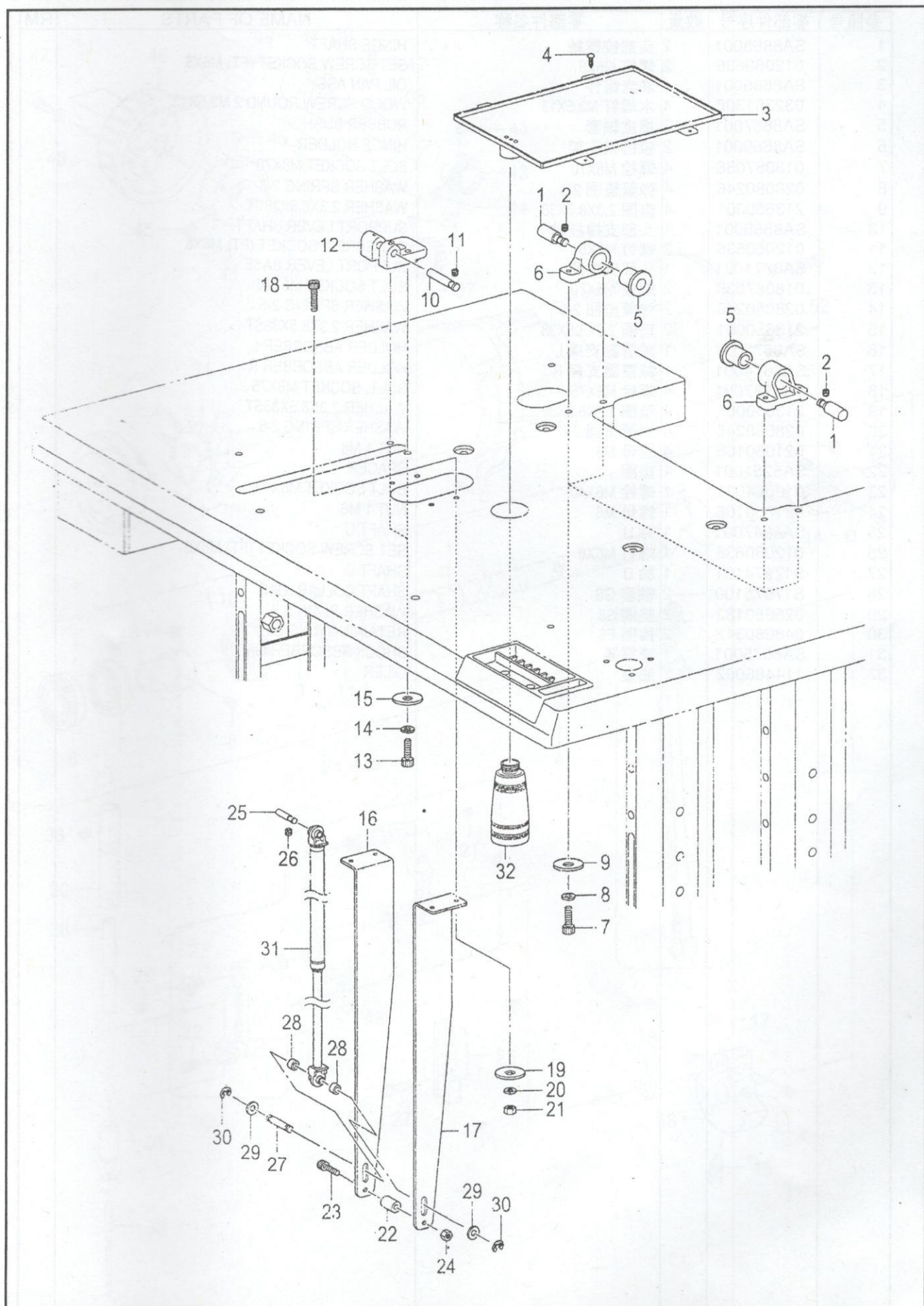
A1. 机体部分 / Machine body

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA4596001	1	橡皮塞 20-15	RUBBER CAP 20-15	
2	104821001	3	橡皮塞 10.5	RUBBER CAP, 10.5	
3	S20164001	1	橡皮塞 13	RUBBER CAP, 13	
4	S20164001	1	橡皮塞 13	RUBBER CAP, 13	
5	104450101	2	橡皮塞 8	RUBBER CAP, 8	
6	117936001	1	橡皮塞 9.4	RUBBER CAP, 9.4	
7	S44010001	2	橡皮塞 11.5	RUBBER CAP, 11.5	
8	150592001	1	橡皮塞 16	RUBBER CAP, 16	
9	104449001	1	橡皮塞 15.5	RUBBER CAP, 15.5	
10	SA8548101	1	底板盖	BED COVER	
11	SA4600001	1	面板	FACE PLATE	
12	104449001	1	橡皮塞 15.5	RUBBER CAP, 15.5	
13	SA4601001	1	面板垫片	F-PLATE PACKING	
14	062061016	3	螺钉 M6X10	SCREW PAN M6X10	
15	SA4603101	1	大旋梭盖	SHUTTLE RACE COVER	
16	SA6272001	1	大旋梭盖挂钩 D	SHUTTLE RACE COVER HOOK D	
17	004300513	2	螺钉 M3X5	SCREW, FLAT M3X5	
18	SA3264001	1	板螺母	NUT PLATE	
19	SA6207001	1	铰链	HINGE	
20	062300506	4	螺钉 M3X5	SCREW PAN M3X5	
21	021300103	2	螺母 M3	NUT, 1 M3	
22	SA3200101	1	挑线杆防护罩	THREAD TAKE-UP COVER	
23	062401006	1	螺钉 M4X10	SCREW PAN M4X10	
24	SA4604001	1	间歇盖板	STEPPING COVER	
25	SA3306001	1	段螺钉 7-3	SHOULDER SCREW, 7-3	
26	120265002	1	弹簧垫圈	SPRING WASHER	
27	S07350002	1	垫圈	WASHER PLAIN	
28	S36475000	1	螺钉 M5	SCREW, M5	
29	SA8679001	1	护指器	FINGER GUARD	
30	025350332	2	平垫圈 3.5	WASHER PLAIN L 3.5	
31	SA8670001	4	防震垫	CUSHION	
32	SA8680001	8	管套	SPACER	
33	0A5402005	8	螺栓(带垫圈) M4X20DB	SCREW PAN (S/P WASHER) M4X20	
34	SA8880001	1	防震橡皮垫	RUBBER CUSHION	
35	SA8680001	2	管套	SPACER	
36	0A5402005	2	螺栓(带垫圈) M4X20DB	SCREW PAN (S/P WASHER) M4X20	
37	SA8549001	1	头部支撑杆	SUPPORT LEVER	
38	SA8550001	1	头部支撑杆轴	SUPPORT LEVER SHAFT	
39	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
40	SA8551001	1	弹簧	TOSHON SPRING	
41	SA8552001	1	供油盘	OIL PAN	
42	0A5401006	4	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
43	SA8553001	1	马达罩	MOTOR COVER	
44	062061616	2	螺钉 M6X16	SCREW PAN M6X16	
45	SA8816001	1	后盖组件	REAR COVER ASSY	
46	0A5401006	16	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
47	SA8555001	1	后盖 FR	REAR COVER	
48	0A5401006	3	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
49	SA8556001	1	后盖 FL	REAR COVER	
50	0A5401006	3	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
51	SA8557001	1	马达盖 (X)	X MOTOR COVER	
52	0A5401006	4	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
53	SA8559001	1	针板补助板	AUXILIARY PLATE	
54	SA8560001	18	螺钉 M4X12	SCREW M4X12	
55	SA4677101	12	补助板缓冲	AUXILIARY PLATE CUSHION	
56	021400206	18	六角螺母 M4	NUT 2 M4	
57	SA4676101	2	补助板支架	AUXILIARY PLATE BRACKET	
58	SA8561001	1	补助板支架 L	AUXILIARY PLATE BRACKET L	
59	SA8562001	1	补助板支架 R	AUXILIARY PLATE BRACKET R	
60	SA8563001	1	补助板支架 M	AUXILIARY PLATE BRACKET M	
61	S55481001	2	螺栓(带垫圈) M4X12	BOLT SOCKET (S/P WASHER) M4X12	
62	SA8564001	2	补助板支架 B	AUXILIARY PLATE BRACKET B	
63	SA8672001	2	补助板防震垫 B	AUXILIARY PLATE CUSHION B	



A1. 机体部分 / Machine body

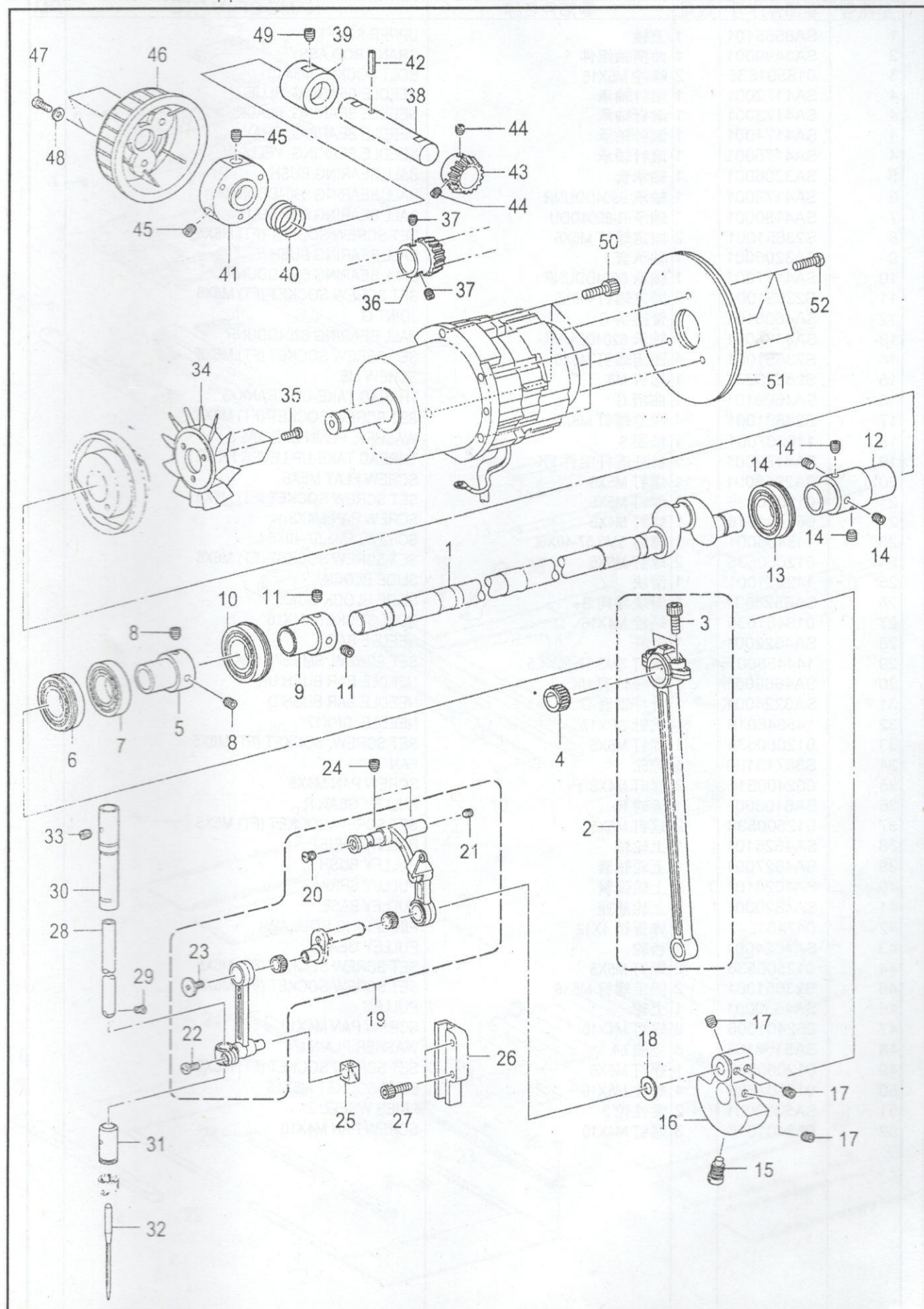
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
64	SA8879001	1	调整长条 L5400	TRIMS L540	
65	S42446001	14	螺栓 M6X14	BOLT SOCKET (S/P WASHER) M6X14	
66	S36924002	2	警告标记	INJURY MARK-	
67	SA0792001	1	<用于日本> 操作注意标签(日 / 英)	<For Japan only> LABEL CAUTION JPN/ENG	
67	SA0793001	1	<用于日本以外> 操作注意标签(中 / 英)	<Except for Japan> LABEL CAUTION CHN/ENG	
68	S37060001	3	<用于欧洲以外> 接地标记	<Except for Europe> LABEL, GROUNDING	
68	S37060001	5	<用于欧洲> 接地标记	<For Europe only> LABEL, GROUNDING	



A2. 机体部分 / Machine body

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8668001	2	头部铰链轴	HINGE SHAFT	
2	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
3	SA8665001	1	油盘组件	OIL PAN ASSY	
4	032361306	4	木螺钉 M3.5X13	WOOD SCREW ROUND 2 M3.5X13	
5	SA8667001	2	橡皮轴套	RUBBER BUSH	
6	SA8669001	2	铰链轴支架	HINGE HOLDER	
7	018087036	4	螺栓 M8X70	BOLT SOCKET M8X70	
8	028080246	4	弹簧垫圈 2-8	WASHER SPRING 2-8	
9	213650001	4	垫圈 2.3X8.5X38	WASHER 2.3X8.5X38ST	
10	SA8550001	1	头部支撑杆轴	SUPPORT LEVER SHAFT	
11	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
12	SA8671001	1	头部支撑座	SUPPORT LEVER BASE	
13	018087036	2	螺栓 M8X70	BOLT SOCKET M8X70	
14	028080246	2	弹簧垫圈 2-8	WASHER SPRING 2-8	
15	213650001	2	垫圈 2.3X8.5X38	WASHER 2.3X8.5X38ST	
16	SA8673001	1	减震器支撑 L	HOLDER ABSORBER L	
17	SA8674001	1	减震器支撑 R	HOLDER ABSORBER R	
18	SA3387001	4	螺栓 M6X75	BOLT, SOCKET M6X75	
19	213650001	4	垫圈 2.3X8.5X38	WASHER 2.3X8.5X38ST	
20	028060246	4	弹簧垫圈 2-6	WASHER SPRING 2-6	
21	021060106	4	螺母 M6	NUT 1 M6	
22	SA5251001	1	垫圈	SPACER	
23	018064031	1	螺栓 M6X40	BOLT SOCKET M6X40	
24	021060106	1	螺母 M6	NUT 1 M6	
25	SA4847001	1	轴 U	SHAFT U	
26	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
27	S17974101	1	轴 D	SHAFT D	
28	S17975100	2	轴套 GS	SHAFT COLLAR, GAS	
29	025080132	2	垫圈 S8	WASHER PLAIN S 8	
30	048060342	2	挡圈 E6	RETAINING RING E6	
31	SA8675001	1	减震器	SHOCK ABSORBER GAS	
32	114486002	1	油壶	OILER	

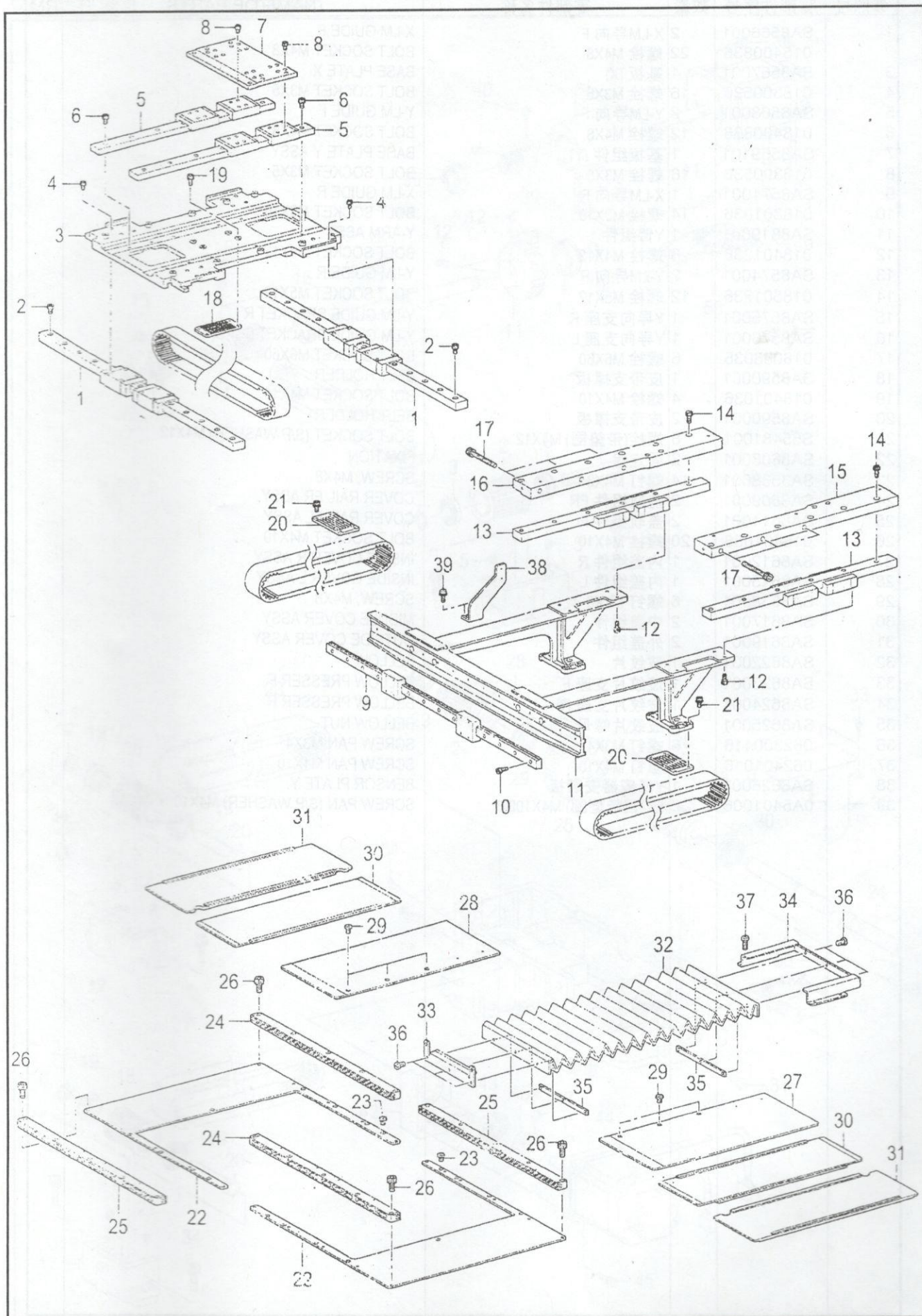
B. 上轴·针杆装置 / Upper shaft and needle bar mechanism



B. 上轴 · 针杆装置 / Upper shaft and needle bar mechanism

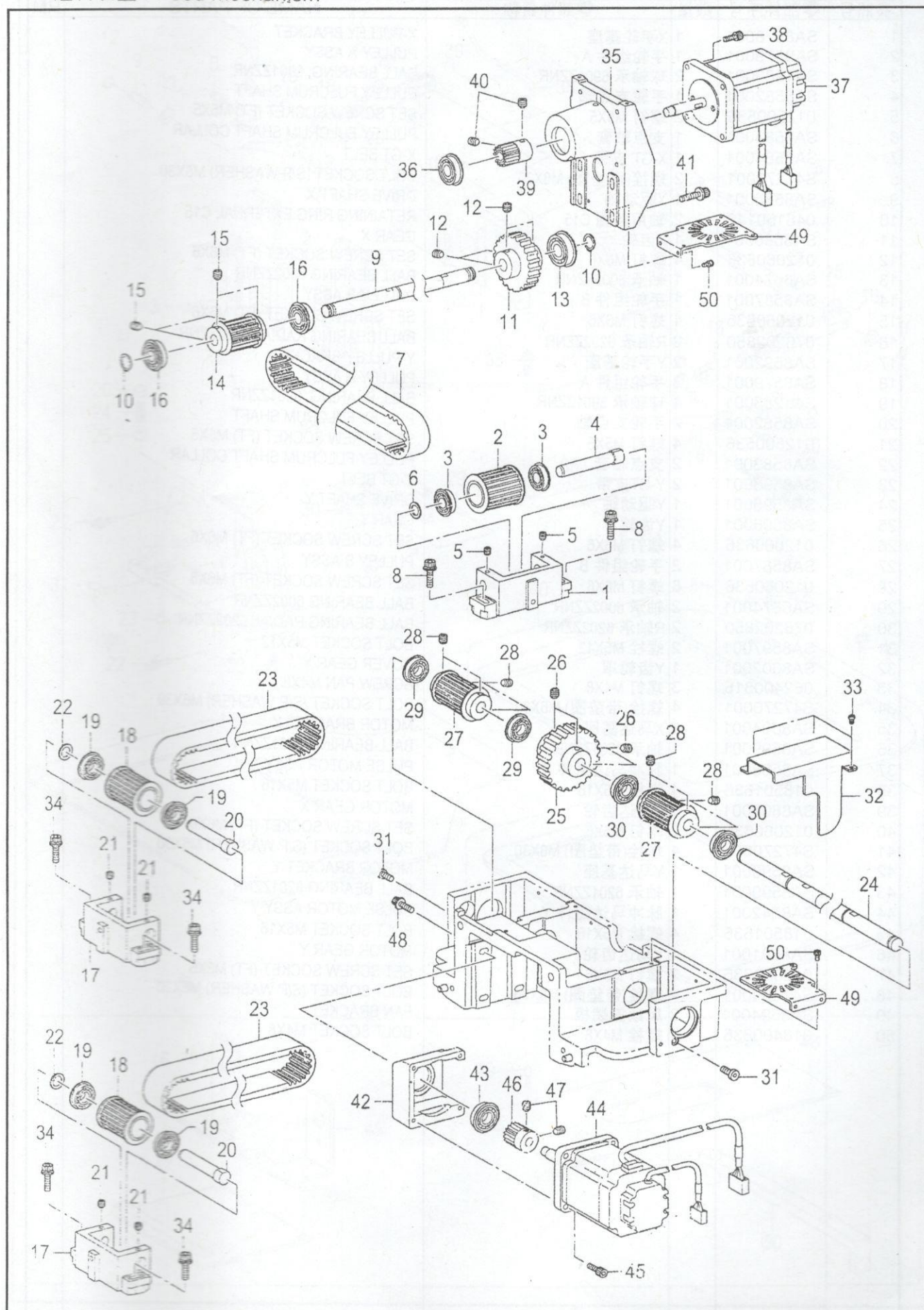
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8565101	1	上轴	UPPER SHAFT	
2	SA3499001	1	曲柄轴组件	CRANK ROD ASSY	
3	018501636	2	螺栓 M5X16	BOLT SOCKET M5X16	
4	SA4172001	1	滚针轴承	NEEDLE BEARING: BLUE	
4	SA4173001	1	滚针轴承	NEEDLE BEARING: BLACK	
4	SA4174001	1	滚针轴承	NEEDLE BEARING: GRAY	
4	SA4175001	1	滚针轴承	NEEDLE BEARING: YELLOW	
5	SA3206001	1	轴承套	BALL BEARING BUSH	
6	SA4179001	1	轴承 6904DDUNR	BALL BEARING 6904DDUNR	
7	SA4180001	1	轴承 R-6904DDU	BALL BEARING 6904DDU	
8	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
9	SA3206001	1	轴承套	BALL BEARING BUSH	
10	SA4177001	1	轴承 6004DDUNR	BALL BEARING 6004DDUNR	
11	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
12	SA4608101	1	管接头 G	JOINT G	
13	SA4178001	1	轴承 6204DDUNR	BALL BEARING 6204DDUNR	
14	S23651001	4	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
15	S25235001	1	螺钉 M8	SCREW M8	
16	SA4609101	1	曲柄 G	THREAD TAKE-UP CRANK G	
17	S23651001	4	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
18	110367001	1	垫圈 8	WASHER, PLAIN SPECIAL 8	
19	SA6182001	1	针杆连杆组件 FK	THREAD TAKE-UP LEVER FK SET	
20	SA2958001	1	螺钉 M5X6	SCREW FLAT M5X6	
21	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
22	062400816	1	螺钉 M4X8	SCREW PAN M4X8	
23	145465001	1	螺钉 SM3.57-40X6L	SCREW, SM3.57-40X6 L	
24	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
25	142211001	1	滑块	SLIDE BLOCK	
26	SA3528001	1	滑块导向 B	SLIDE BLOCK GUIDE	
27	018401636	2	螺栓 M4X16	BOLT SOCKET M4X16	
28	SA4622001	1	针杆	NEEDLE BAR	
29	144458001	1	螺钉 SM3.57-40X4.5	SET SCREW, SM3.57-40X4.5	
30	SA4666001	1	针杆轴套 UK	NEEDLE BAR BUSH UK	
31	SA3224001	1	针杆轴套 D	NEEDLE BAR BUSH D	
32	145646019	1	机针 DFX17	NEEDLE, DPX17	
33	012060536	1	螺钉 M6X5	SET SCREW, SOCKET (FT) M6X5	
34	S38713100	1	叶轮	FAN	
35	062400816	3	螺钉 M4X8	SCREW PAN M4X8	
36	SA6108001	1	齿轮 R	PULLEY GEAR R	
37	012500536	2	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
38	SA4626101	1	上轮轴	PULLEY SHUFT	
39	SA4627001	1	上轮轴套	PULLEY BUSH	
40	SA4628101	1	上轮弹簧	PULLEY SPRING	
41	SA4629001	1	上轮基座	PULLEY BASE	
42	047401242	1	弹簧销 4X12	PIN SPRING ROLL AW4	
43	SA4624001	1	齿轮	PULLEY GEAR L	
44	012500536	2	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
45	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
46	SA4630001	1	上轮	PULLEY	
47	062401006	3	螺钉 M4X10	SCREW PAN M4X10	
48	SA5158101	3	垫圈 L4	WASHER PLAIN L 4	
49	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
50	018501636	4	螺栓 M5X16	BOLT SOCKET M5X16	
51	SA5230001	2	惯性轮 2	FRIES WHEEL 2	
52	062401016	3	螺钉 M4X10	SCREW PAN M4X10	

C1. 送料装置 / Feed mechanism



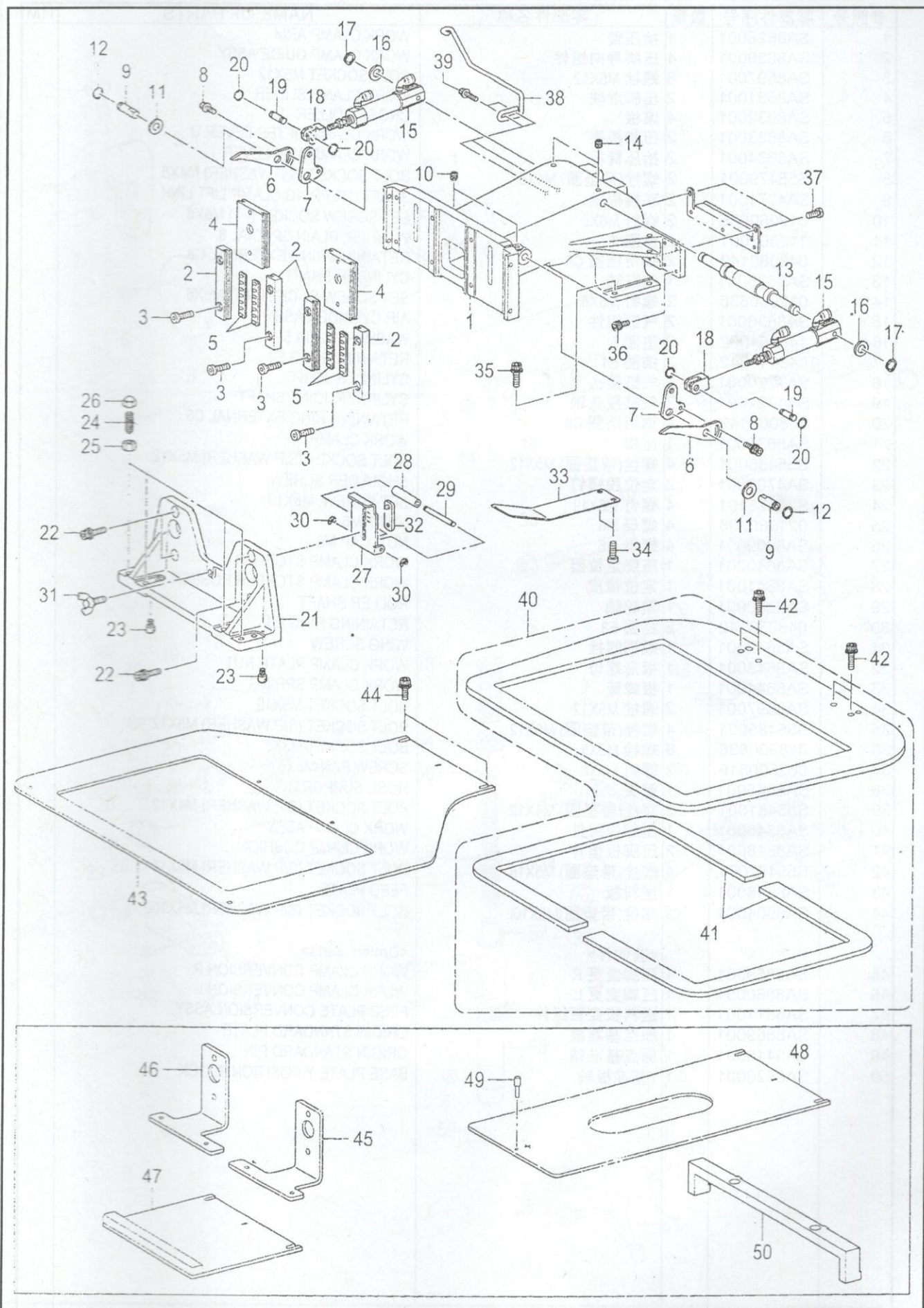
C1. 送料装置 / Feed mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8566001	2	X-LM导向 F	X-LM GUIDE F	
2	018400836	22	螺栓 M4X8	BOLT SOCKET M4X8	
3	SA8567001	1	基板 (X)	BASE PLATE X	
4	018300536	16	螺栓 M3X5	BOLT SOCKET M3X5	
5	SA8568001	2	Y-LM导向 F	Y-LM GUIDE F	
6	018400836	12	螺栓 M4X8	BOLT SOCKET M4X8	
7	SA8569101	1	基板组件 (Y)	BASE PLATE Y ASSY	
8	018300536	16	螺栓 M3X5	BOLT SOCKET M3X5	
9	SA8571001	1	X-LM导向 R	X-LM GUIDE R	
10	018301036	14	螺栓 M3X10	BOLT SOCKET M3X10	
11	SA8819001	1	Y臂组件	Y-ARM ASSY	
12	018401236	3	螺栓 M4X12	BOLT SOCKET M4X12	
13	SA8574001	2	Y-LM导向 R	Y-LM GUIDE R	
14	018501236	12	螺栓 M5X12	BOLT SOCKET M5X12	
15	SA8575001	1	Y导向支座 R	Y-LM GUIDE BRACKET R	
16	SA8576001	1	Y导向支座 L	Y-LM GUIDE BRACKET L	
17	018066036	6	螺栓 M6X60	BOLT SOCKET M6X60	
18	SA8590001	1	皮带支撑板	BELT HOLDER	
19	018401036	4	螺栓 M4X10	BOLT SOCKET M4X10	
20	SA8590001	2	皮带支撑板	BELT HOLDER	
21	S55481001	8	螺栓(带垫圈) M4X12	BOLT SOCKET (S/P WASHER) M4X12	
22	SA8608001	2	固定盖	FIXATION	
23	SA3538001	14	螺钉 M4X8	SCREW, M4X8	
24	SA8609001	2	盖轨组件 FR	COVER RAIL FR ASSY	
25	SA8611001	2	盖轨组件 FL	COVER RAIL FL ASSY	
26	018401036	20	螺栓 M4X10	BOLT SOCKET M4X10	
27	SA8612001	1	内盖组件 R	INSIDE COVER R ASSY	
28	SA8615001	1	内盖组件 L	INSIDE COVER L ASSY	
29	SA3538001	6	螺钉 M4X8	SCREW, M4X8	
30	SA8617001	2	中盖组件	MIDDLE COVER ASSY	
31	SA8619001	2	外盖组件	OUTSIDE COVER ASSY	
32	SA8622001	1	波纹片	BELLOW	
33	SA8623001	1	波纹片支座 F	BELLOW PRESSER F	
34	SA8624001	1	波纹片支座 R	BELLOW PRESSER R	
35	SA8625001	2	波纹片螺母	BELLOW NUT	
36	062300416	6	螺钉 M3X4	SCREW PAN M3X4	
37	062401016	4	螺钉 M4X10	SCREW PAN M4X10	
38	SA8626001	1	Y感应器安装板	SENSOR PLATE Y	
39	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	



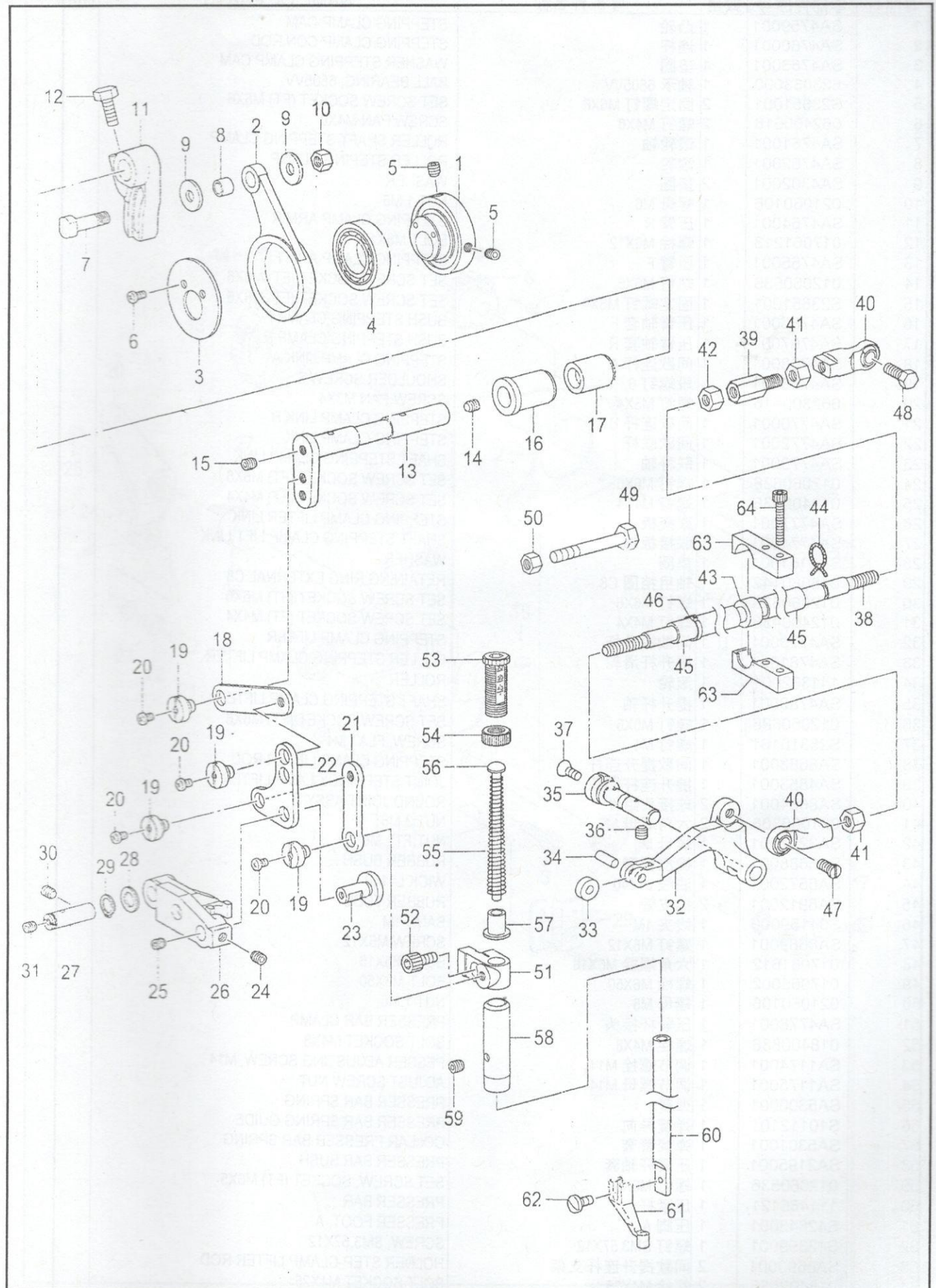
C2. 送料装置 / Feed mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8578001	1	X手轮基座	X-PULLEY BRACKET	
2	SA8579001	1	手轮组件 A	PULLEY A ASSY	
3	SA1283001	2	球轴承 6901ZZNR	BALL BEARING, 6901ZZNR	
4	SA8582001	1	手轮支点轴	PULLEY FULCRUM SHAFT	
5	012500536	2	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
6	SA8583001	1	支点轴套	PULLEY FULCRUM SHAFT COLLAR	
7	SA8584001	1	X-GT 皮带	X-GT BELT	
8	S47270001	2	螺栓(带垫圈) M6X30	BOLT SOCKET (S/P WASHER) M6X30	
9	SA8585001	1	X驱动轴	DRIVE SHAFT X	
10	048150142	2	轴用挡圈 C15	RETAINING RING EXTERNAL C15	
11	SA8586001	1	X齿轮	GEAR X	
12	012060636	4	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
13	SA6674001	1	轴承 6002ZZNR	BALL BEARING 6002ZZNR	
14	SA8587001	1	手轮组件 B	PULLEY B ASSY	
15	012060636	4	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
16	076202850	2	R轴承 6202ZZNR	BALL BEARING RADIAL 6202ZZNR	
17	SA8592001	2	Y手轮基座	Y-PULLEY BRACKET	
18	SA8579001	2	手轮组件 A	PULLEY A ASSY	
19	SA1283001	4	球轴承 6901ZZNR	BALL BEARING, 6901ZZNR	
20	SA8582001	2	手轮支点轴	PULLEY FULCRUM SHAFT	
21	012500536	4	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
22	SA8583001	2	支点轴套	PULLEY FULCRUM SHAFT COLLAR	
23	SA8593001	2	Y-GT 皮带	Y-GT BELT	
24	SA8595001	1	Y驱动轴	DRIVE SHAFT Y	
25	SA8596001	1	Y齿轮	GEAR Y	
26	012060636	4	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
27	SA8587001	2	手轮组件 B	PULLEY B ASSY	
28	012060636	8	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
29	SA6674001	2	轴承 6002ZZNR	BALL BEARING 6002ZZNR	
30	076202850	2	R轴承 6202ZZNR	BALL BEARING RADIAL 6202ZZNR	
31	SA8597001	2	螺栓 M5X12	BOLT SOCKET M5X12	
32	SA8602001	1	Y齿轮罩	COVER GEAR Y	
33	062400816	3	螺钉 M4X8	SCREW PAN M4X8	
34	S47270001	4	螺栓(带垫圈) M6X30	BOLT SOCKET (S/P WASHER) M6X30	
35	SA8604001	1	X马达基座	MOTOR BRACKET X	
36	SA8599001	1	轴承 6201ZZNR	BALL BEARING 6201ZZNR	
37	SA8538001	1	脉冲马达组件 X	PULSE MOTOR ASSY X	
38	018501636	4	螺栓 M5X16	BOLT SOCKET M5X16	
39	SA8607001	1	X马达齿轮	MOTOR GEAR X	
40	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
41	S47270001	4	螺栓(带垫圈) M6X30	BOLT SOCKET (S/P WASHER) M6X30	
42	SA8598001	1	Y马达基座	MOTOR BRACKET Y	
43	SA8599001	1	轴承 6201ZZNR	BALL BEARING 6201ZZNR	
44	SA8542001	1	脉冲马达组件 Y	PULSE MOTOR ASSY Y	
45	018501636	4	螺栓 M5X16	BOLT SOCKET M5X16	
46	SA8601001	1	Y马达齿轮	MOTOR GEAR Y	
47	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
48	S47269001	4	螺栓(带垫圈) M6X20	BOLT SOCKET (S/P WASHER) M6X20	
49	SA8694001	2	风扇安装板	FAN BRACKET	
50	018400836	4	螺栓 M4X8	BOLT SOCKET M4X8	



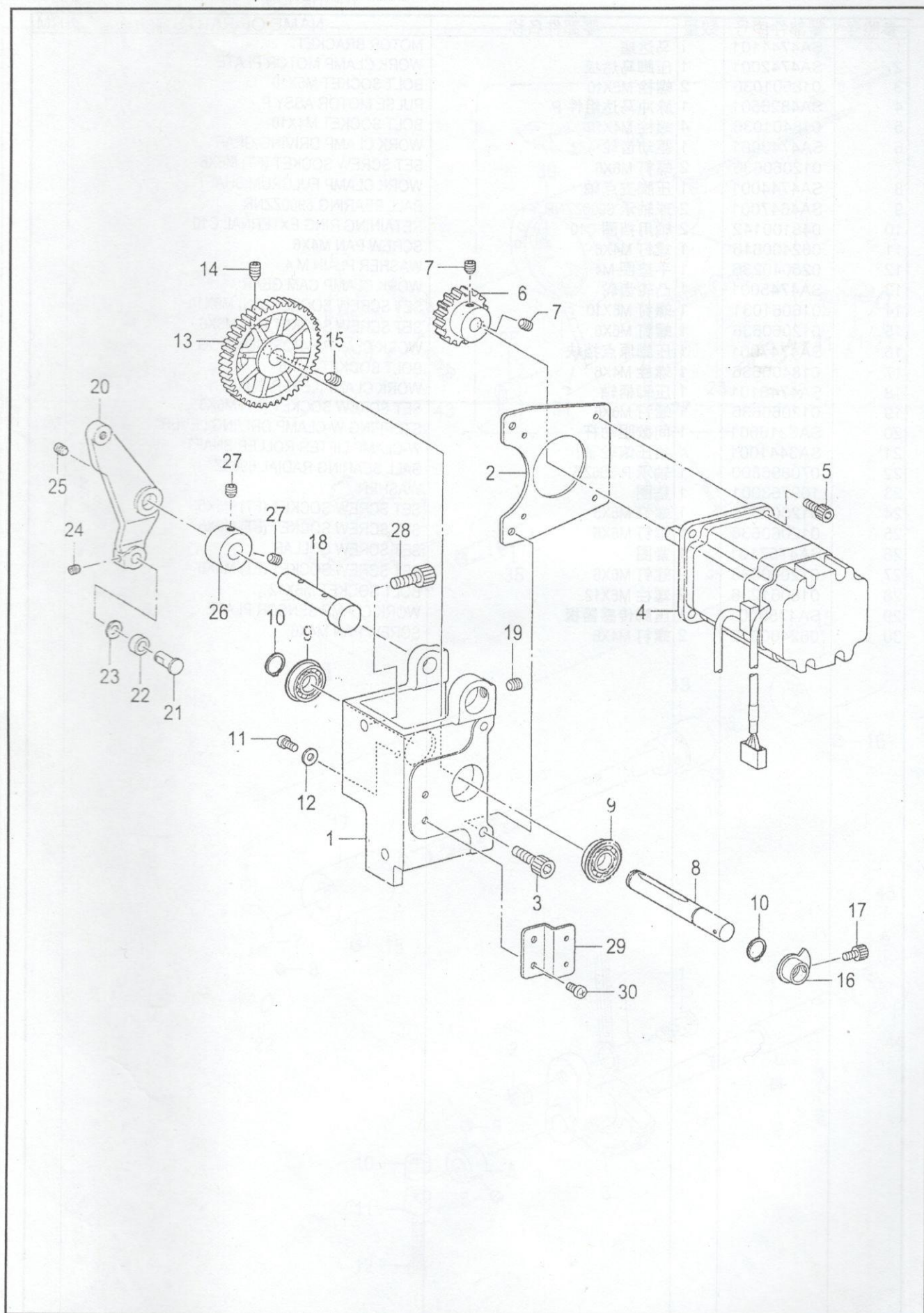
C3. 送料装置 / Feed mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8628001	1	抬压臂	WORK CLAMP ARM	
2	SA8629001	4	压脚导向组件	WORK CLAMP GUIDE ASSY	
3	SA8597001	8	螺栓 M5X12	BOLT SOCKET M5X12	
4	SA8631001	2	压脚滑块	WORK CLAMP SLIDER	
5	SA8632001	4	滚板	CROSS ROLLER	
6	SA8633001	2	压脚扳手	WORK CLAMP LIFTER LEVER U	
7	SA8634001	2	抬压臂杆	WORK CLAMP ARM LEVER	
8	S55479001	2	螺栓(带垫圈) M4X8	BOLT SOCKET (S/P WASHER) M4X8	
9	SA4771001	2	联接板轴	SHAFT STEPPING CLAMP LIFT LINK	
10	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
11	110367001	2	垫圈 8	WASHER, PLAIN SPECIAL 8	
12	048080142	2	轴用挡圈 C8	RETAINING RING EXTERNAL C8	
13	SA8635001	1	气缸轴	CYLINDER SHAFT	
14	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
15	SA8636001	2	气缸组件	AIR CYLINDER ASSY	
16	146354002	2	垫圈 5	WASHER, PLAIN 5	
17	048040342	2	挡圈 E4	RETAINING RING E4	
18	SA4720001	2	气缸接头	CYLINDER JOINT	
19	SA4721001	2	气缸接头轴	CYLINDER JOINT SHAFT	
20	048060142	4	轴用挡圈 C6	RETAINING RING EXTERNAL C6	
21	SA8638001	1	压脚	WORK CLAMP	
22	S55485001	4	螺栓(带垫圈) M5X12	BOLT SOCKET (S/P WASHER) M5X12	
23	SA4709001	2	定位段螺钉	SHOULDER SCREW	
24	S25475101	4	螺钉 M6X19	SET SCREW, M6X19	
25	021060206	4	螺母 M6	NUT 2 M6	
26	SA8909001	4	螺母 M6	NUT, CAP M6	
27	SA8640001	1	压脚定位器	WORK CLAMP STOPPER	
28	SA8641001	1	定位橡皮	WORK CLAMP STOPPER RUBBER	
29	SA8820001	1	滚轮轴	ROLLER SHAFT	
30	048030342	2	挡圈 E3	RETAINING RING E3	
31	SA8642001	1	蝶形螺栓	WING SCREW	
32	SA8643001	1	板形螺母	WORK CLAMP PLATE NUT	
33	SA8644001	1	板弹簧	WORK CLAMP SPRING	
34	SA8597001	2	螺栓 M5X12	BOLT SOCKET M5X12	
35	S55485001	4	螺栓(带垫圈) M5X12	BOLT SOCKET (S/P WASHER) M5X12	
36	018300836	8	螺栓 M3X8	BOLT SOCKET M3X8	
37	062500816	2	螺钉 M5X8	SCREW PAN M5X8	
38	SA8645001	1	管夹	HOSE SUPPORT	
39	S55481001	2	螺栓(带垫圈) M4X12	BOLT SOCKET (S/P WASHER) M4X12	
40	SA8646001	1	压脚板组件	WORK CLAMP ASSY	
41	SA8818001	2	压脚板垫片	WORK CLAMP CUSHION	
42	S55487001	4	螺栓(带垫圈) M5X16	BOLT SOCKET (S/P WASHER) M5X16	
43	SA8648001	1	送料板	FEED PLATE	
44	SA8904001	2	螺栓(带垫圈) M5X10L	BOLT SOCKET (S/P WASHER) M5X10L	
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45	SA8859001	1	压脚变更 R	WORK CLAMP CONVERSION R	
46	SA8860001	1	压脚变更 L	WORK CLAMP CONVERSION L	
47	SA8871001	1	送料板变更组件	FEED PLATE CONVERSION ASSY	
48	SA8869001	1	原点基准板	ORIGIN STANDARD PLATE	
49	SA5415001	1	原点基准销	ORIGIN STANDARD PIN	
50	SA8870001	1	Y基准板轴	BASE PLATE Y POSITION BLOCK	



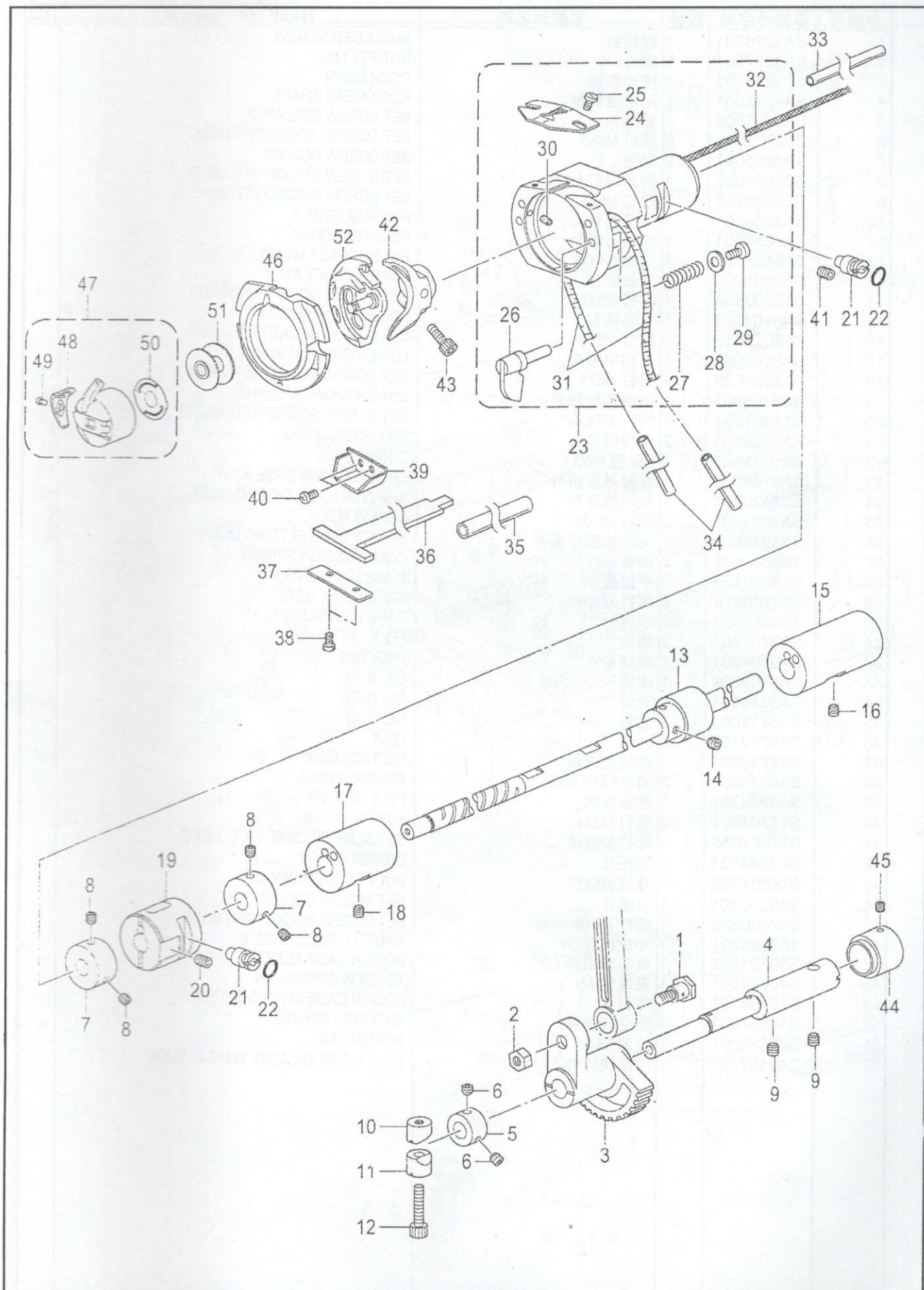
D1. 抬压装置 / Work clamp lifter mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA4759001	1	凸轮	STEPPING CLAMP CAM	
2	SA4760001	1	连杆	STEPPING CLAMP CON.ROD	
3	SA4763001	1	垫圈	WASHER STEPPING CLAMP CAM	
4	623033000	1	轴承 6805VV	BALL BEARING, 6805VV	
5	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
6	062400616	2	螺钉 M4X6	SCREW PAN M4X6	
7	SA4761001	1	滚轮轴	ROLLER SHAFT STEPPING CLAMP	
8	SA4762001	1	滚轮	ROLLER STEPPING CLAMP	
9	SA4302001	2	垫圈	WASHER	
10	021060106	1	螺母 M6	NUT 1 M6	
11	SA4764001	1	压臂 R	STEPPING CLAMP ARM R	
12	017061213	1	螺栓 M6X12	BOLT M6X12	
13	SA4765001	1	压臂 F	STEPPING CLAMP ARM F	
14	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
15	S23651001	1	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
16	SA4766001	1	压臂轴套 F	BUSH STEPPING CLAMP F	
17	SA4767001	1	压臂轴套 R	BUSH STEPPING CLAMP R	
18	SA4768001	1	间歇连杆 A	STEPPING CLAMP LINK A	
19	SA4769101	1	段螺钉 6	SHOULDER SCREW 6	
20	062300416	4	螺钉 M3X4	SCREW PAN M3X4	
21	SA4770001	1	间歇连杆 B	STEPPING CLAMP LINK B	
22	SA4772001	1	间歇联杆	STEPPING CLAMP LINK	
23	SA4773001	1	连杆轴	SHAFT STEPPING CLAMP LINK	
24	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
25	012400436	1	螺钉 M4X4	SET SCREW SOCKET (FT) M4X4	
26	SA4777001	1	联接板	STEPPING CLAMP LIFTER LINK	
27	SA4771001	1	联接板轴	SHAFT STEPPING CLAMP LIFT LINK	
28	SA2161001	1	垫圈	WASHER	
29	048080142	1	轴用挡圈 C8	RETAINING RING EXTERNAL C8	
30	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
31	012400436	1	螺钉 M4X4	SET SCREW SOCKET (FT) M4X4	
32	SA4779001	1	间歇提升杆	STEPPING CLAMP LIFTER	
33	SA4781001	1	提升杆滑轮	ROLLER STEPPING CLAMP LIFTER	
34	141362001	1	滚轮	ROLLER	
35	SA4780001	1	提升杆轴	SHAFT STEPPING CLAMP LIFTER	
36	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
37	S25310101	1	螺钉 M4	SCREW, FLAT M4	
38	SA8683001	1	间歇提升连杆	STEPPING CLAMP LIFTER ROD	
39	SA4853001	1	提升连杆接头	JOINT STEPPING CLAMP LIFTER	
40	SA8684001	2	球接头组件	ROUND JOINT ASSY	
41	021060306	2	六角螺母 M6	NUT 3 M6	
42	SA3227001	1	螺母 M6	NUT(FT), M6	
43	SA8688001	1	橡皮管套	RUBBER BUSH	
44	SA6572001	1	油线 L=140	WICK L=140	
45	SA8912001	2	橡皮管	RUBBER TUBE	
46	S04159000	1	线夹 1M	BAND 1M	
47	SA8689001	1	螺钉 M6X12	SCREW M6X12	
48	017061612	1	六角螺栓 M6X16	BOLT M6X16	
49	017065002	1	螺栓 M6X50	BOLT M6X50	
50	021060106	1	螺母 M6	NUT 1 M6	
51	SA4778001	1	压紧杆接头	PRESSER BAR CLAMP	
52	018400836	1	螺栓 M4X8	BOLT SOCKET M4X8	
53	SA1174001	1	调节螺栓 M14	PRESSER ADJUSTING SCREW, M14	
54	SA1175001	1	调节螺母 M14	ADJUST SCREW NUT	
55	SA5300001	1	弹簧	PRESSER BAR SPRING	
56	S10112101	1	弹簧导向	PRESSER BAR SPRING GUIDE	
57	SA5301001	1	弹簧管套	COLLAR PRESSER BAR SPRING	
58	SA2195001	1	压紧杆轴套	PRESSER BAR BUSH	
59	012060536	1	螺钉 M6X5	SET SCREW, SOCKET (FT) M6X5	
60	111466121	1	压紧杆	PRESSER BAR	
61	S42843001	1	压脚 A	PRESSER FOOT, A	
62	S13399001	1	螺钉 SM3.57X12	SCREW, SM3.57X12	
63	SA8690001	2	间歇提升连杆支架	HOLDER STEP-CLAMP LIFTER ROD	
64	018402536	2	螺栓 M4X25	BOLT SOCKET M4X25	



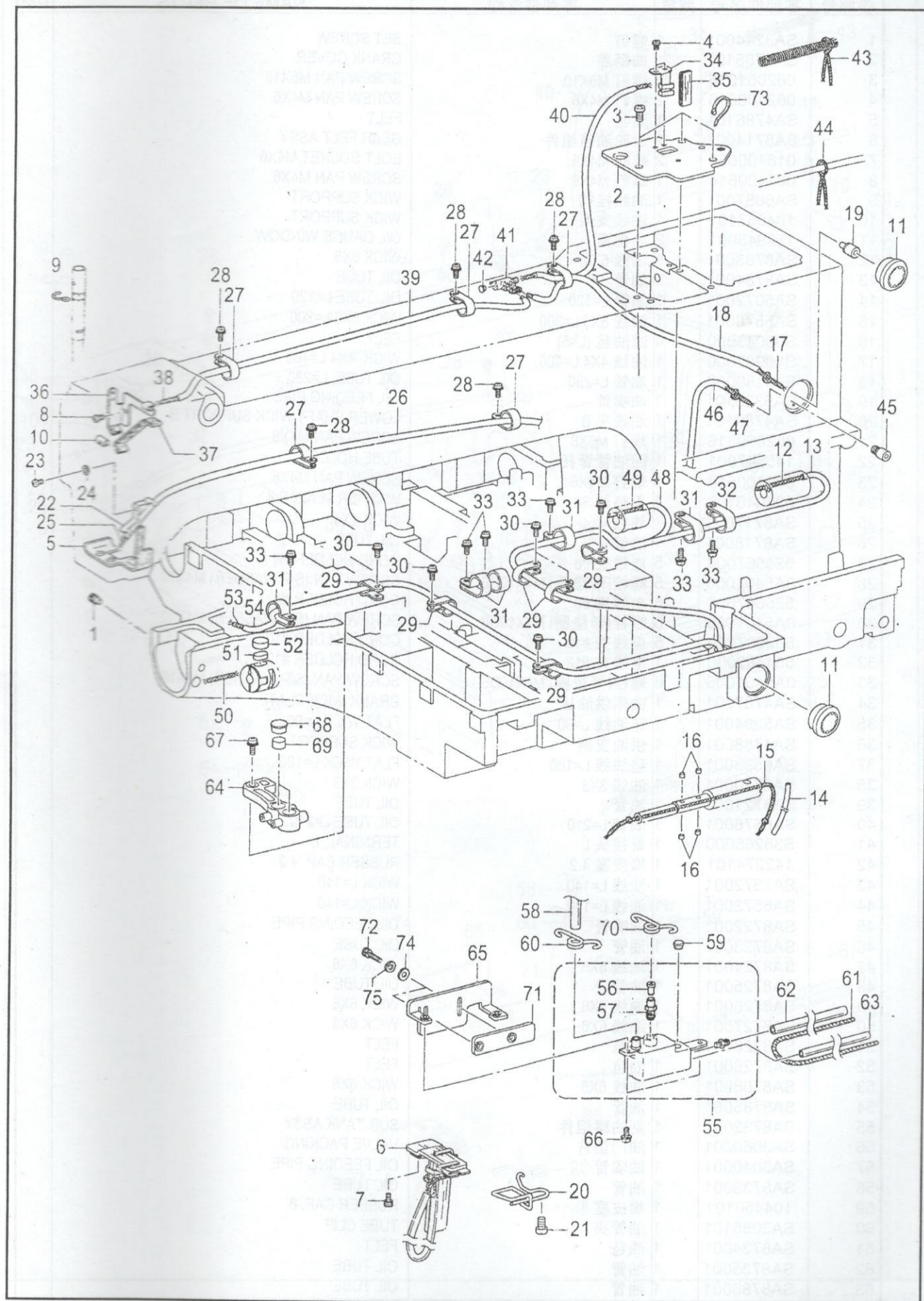
D2. 抬压装置 / Work clamp lifter mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA4741101	1	马达座	MOTOR BRACKET	
2	SA4742001	1	压脚马达板	WORK CLAMP MOTOR PLATE	
3	018501036	2	螺栓 M5X10	BOLT SOCKET M5X10	
4	SA4826501	1	脉冲马达组件 P	PULSE MOTOR ASSY P	
5	018401036	4	螺栓 M4X10	BOLT SOCKET M4X10	
6	SA4743001	1	驱动齿轮	WORK CLAMP DRIVING GEAR	
7	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
8	SA4744001	1	压脚支点轴	WORK CLAMP FULCRUM SHAFT	
9	SA4647001	2	球轴承 6900ZZNR	BALL BEARING 6900ZZNR	
10	048100142	2	轴用挡圈 C10	RETAINING RING EXTERNAL C10	
11	062400616	1	螺钉 M4X6	SCREW PAN M4X6	
12	025040236	1	平垫圈 M4	WASHER PLAIN M4	
13	SA4745001	1	凸轮齿轮	WORK CLAMP CAM GEAR	
14	016061031	1	螺钉 M6X10	SET SCREW SOCKET (CN) M6X10	
15	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
16	SA4747001	1	压脚原点挡块	WORK CLAMP H-POSITION DOG	
17	018400636	1	螺栓 M4X6	BOLT SOCKET M4X6	
18	SA4748101	1	压脚柄轴	WORK CLAMP LEVER SHAFT	
19	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
20	SA6210001	1	间歇驱动杆	STEPPING W-CLAMP DRIVING LEVER	
21	SA3441001	1	抬压滚轮轴	W-CLAMP LIFTER ROLLER SHAFT	
22	070696800	1	轴承 R-696ZZ	BALL BEARING RADIAL 696ZZ	
23	109763001	1	垫圈	WASHER	
24	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
25	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
26	SA4757101	1	紧圈	SET SCREW COLLAR	
27	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
28	018061236	2	螺栓 M6X12	BOLT SOCKET M6X12	
29	SA4753001	1	压脚传感器板	WORK CLAMP SENSOR PLATE	
30	062400616	2	螺钉 M4X6	SCREW PAN M4X6	



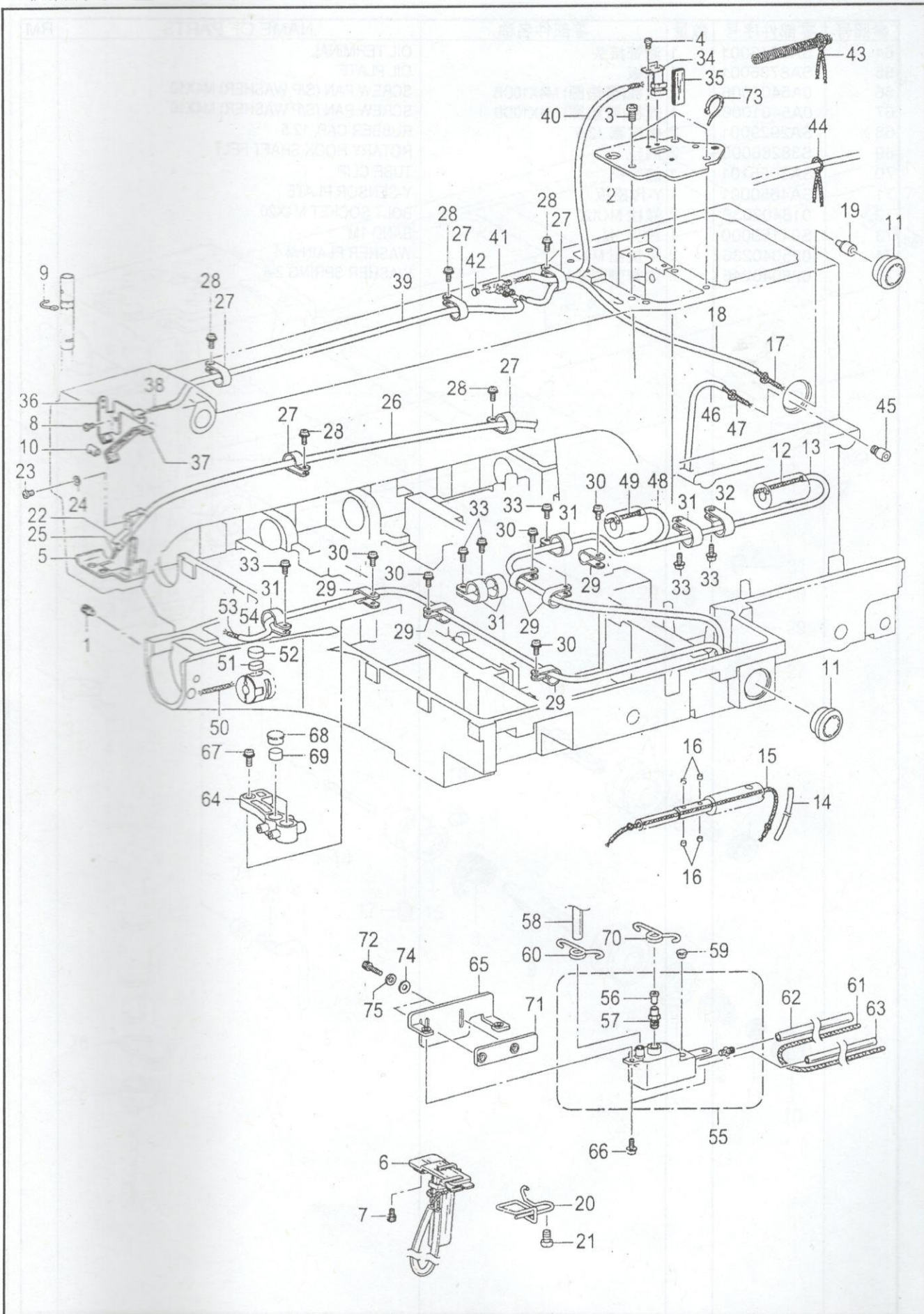
E. 下轴装置 / Lower shaft mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA3226001	1	段螺钉	SHOULDER SCREW	
2	SA3227001	1	螺母 M6	NUT(FT), M6.	
3	SA3228101	1	摆动齿轮	ROCK GEAR	
4	SA4782001	1	摆动齿轮轴	ROCK GEAR SHAFT	
5	SA3231001	1	紧圈 B	SET SCREW COLLAR, B	
6	012060536	2	螺钉 M6X5	SET SCREW, SOCKET (FT) M6X5	
7	SA8695001	2	紧圈	SET SCREW COLLAR	
8	S23651001	4	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
9	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
10	SA8696001	1	紧固套管 A	PINCH SLEEVE A	
11	SA8697001	1	紧固套管 B	PINCH SLEEVE B	
12	018402036	1	螺栓 M4X20	BOLT SOCKET M4X20	
13	SA8698001	1	下轴组件	LOWER SHAFT ASSY	
14	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
15	SA8701001	1	下轴轴套	LOWER SHAFT BUSH	
16	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
17	SA8702001	1	下轴中轴套	LOWER SHAFT M BUSH	
18	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
19	SA8703001	1	下轴调整轴套	LOWER SHAFT A-BUSH	
20	012061036	1	螺钉 M6X10	SET SCREW SOCKET (FT) M6X10	
21	SA3238101	2	旋梭调节轴	ADJUSTING STUD	
22	081003670	2	O形圈 FW3	O RING PW3	
23	SA8705001	1	旋梭基座组件	SHUTTLE RACE BASE ASSY	
24	S02429201	1	旋梭线导向	SHUTTLE RACE THREAD GUIDE	
25	SA4199001	2	螺钉 M3X4	SCREW M3X4	
26	SA3241001	2	大旋梭固定柄	S-RACE BASE SETTING CLAW	
27	152684101	2	弹簧	COMPRESSION SPRING	
28	026030136	2	平垫圈 S3	WASHER PLAIN S 3	
29	062300616	2	螺钉 M3X6	SCREW PAN M3X6	
30	153050000	2	油毡	S-RACE BASE FELT	
31	SA8707001	2	油毡	FELT	
32	SA9004001	1	油线 6X6	WICK 6X6	
33	SA8709001	1	油管	OIL TUBE	
34	SA8710001	2	油管	OIL TUBE	
35	SA8711001	1	油管	OIL TUBE	
36	SA8712101	1	油毡	FELT	
37	SA8713001	1	油毡支撑板	FELT HOLDER	
38	S44924001	2	固定螺钉 M3X5.5	SCREW M3X5.5	
39	SA3274101	1	油毡支架	FELT HOLDER	
40	S47307001	2	螺钉 M3X4	SCREW, M3X4	
41	012061036	1	螺钉 M6X10	SET SCREW SOCKET (FT) M6X10	
42	SA3284101	1	梭托 D	DRIVER D	
43	018501236	1	螺栓 M5X12	BOLT SOCKET M5X12	
44	SA3283101	1	紧圈 R	SET SCREW COLLAR, R	
45	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
46	152686201	1	外旋梭 B	SHUTTLE RACE BASE B	
47	S59221201	1	梭芯套组件 LC	BOBBIN CASE ASSY LC	
48	S48664001	1	夹线簧 AN	TENSION SPRING, AN	
49	S16492101	1	螺钉	BOBBIN CASE SPRING SCREW	
50	S15667001	1	防空转弹簧	ANTI-SPIN SPRING	
51	S44633001	1	梭芯 LAN	BOBBIN LAN	
52	SA8197101	1	中旋梭组件 SA8196	SHUTTLE HOOK ASSY W/BOXSA8196	



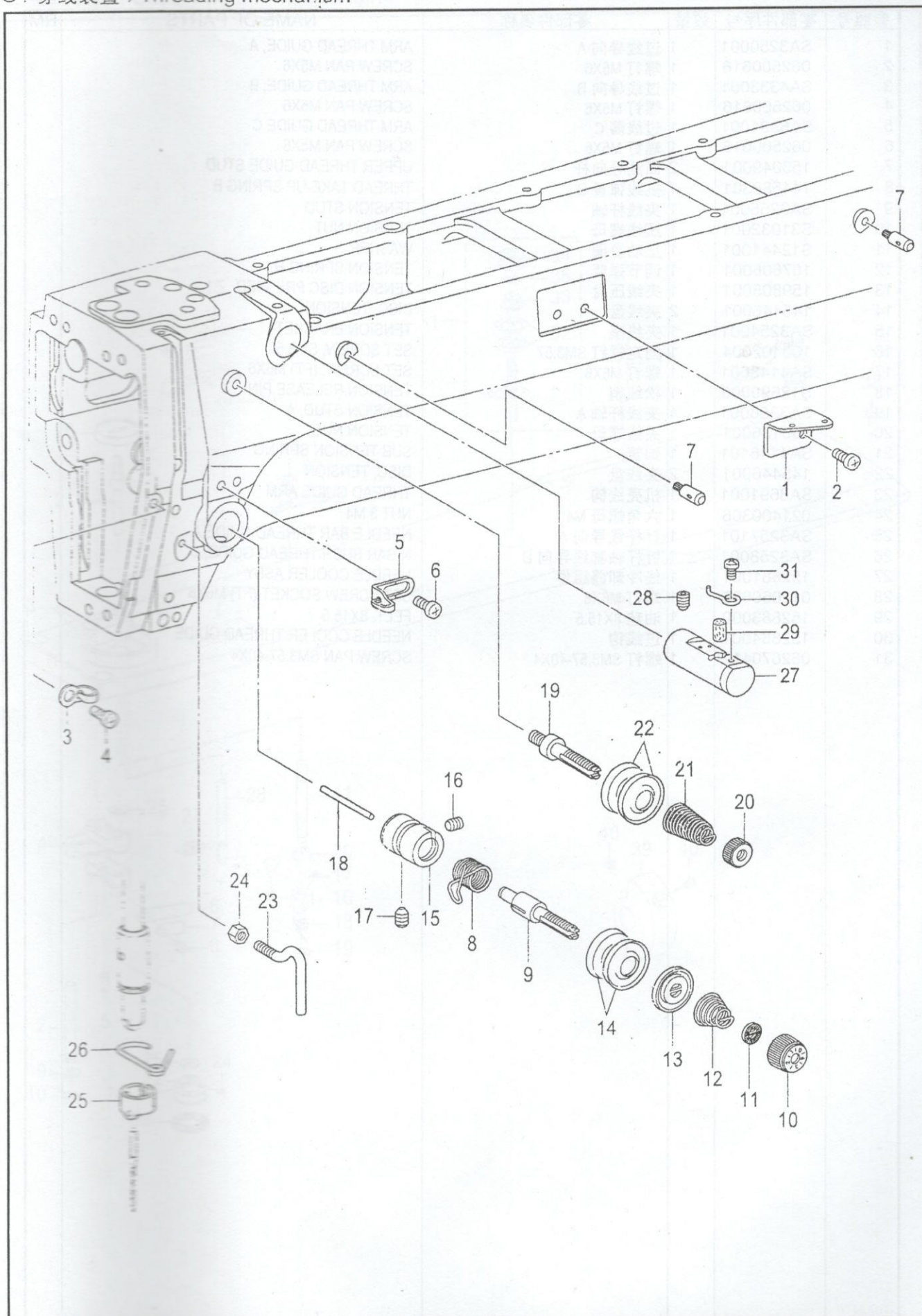
F. 供油润滑装置 / Lubrication

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA3244001	1	螺钉	SET SCREW	
2	SA4785101	1	曲柄盖	CRANK COVER	
3	062061016	3	螺钉 M6X10	SCREW PAN M6X10	
4	062400616	2	螺钉 M4X6	SCREW PAN M4X6	
5	SA4786101	1	油毡	FELT	
6	SA8714001	1	齿轮油毡组件	GEAR FELT ASSY	
7	018400636	2	螺栓 M4X6	BOLT SOCKET M4X6	
8	062400616	1	螺钉 M4X6	SCREW PAN M4X6	
9	SA6087001	1	油线挂钩	WICK SUPPORT	
10	104567101	1	油线支架	WICK SUPPORT	
11	152948001	2	油视窗	OIL GAUGE WINDOW	
12	SA8783001	1	油线 6X6	WICK 6X6	
13	SA8784001	1	油管	OIL TUBE	
14	SA5072001	1	油管 L=120	OIL TUBE L=120	
15	SA6578001	1	油线 6X6 L=300	WICK 6X6 L=300	
16	S09043000	4	滤油毡 (L=5)	FELT	
17	S49982000	1	油线 4X4 L=400	WICK, 4X4 L=400	
18	S48189000	1	油管 L=280	OIL TUBE, L=280	
19	SA5339101	1	油嘴管	OIL FEEDING PIPE	
20	SA4789101	1	油线夹 B	LOWER SHAFT WICK SUPPORT B	
21	062060816	1	螺钉 M6X8	SCREW PAN M6X8	
22	145547001	1	回油管管托	TUBE HOLDER	
23	062400616	1	螺钉 M4X6	SCREW PAN M4X6	
24	026040136	1	平垫圈 S4	WASHER PLAIN S 4	
25	SA8717001	1	油线 4X4	WICK 4X4	
26	SA8718001	1	油管	OIL TUBE	
27	525567000	5	电线夹 #3	CORD HOLDER #8	
28	0A5401006	5	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
29	525567000	6	电线夹 #8	CORD HOLDER #8	
30	0A5401006	6	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
31	552907000	5	电线夹 #10	CORD HOLDER #10	
32	554482000	1	电线夹 #12	CORD HOLDER #12	
33	0A5401006	6	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
34	SA4787001	1	曲柄供油板	CRANK WICK PLATE	
35	SA5294001	1	毡油线 L=90	FLAT WICK L=90	
36	SA4788001	1	供油支架	WICK SUPPORT	
37	SA6593001	1	毡油线 L=180	FLAT WICK L=180	
38	SA8720001	1	油线 3X3	WICK 3X3	
39	SA8721001	1	油管	OIL TUBE	
40	SA6576001	1	油管 L=210	OIL TUBE L=210	
41	S38265000	1	管接头 L	TERMINAL, L	
42	142274101	1	橡皮塞 4.2	RUBBER CAP, 4.2	
43	SA6572001	1	油线 L=140	WICK L=140	
44	SA6572001	1	油线 L=140	WICK L=140	
45	SA8722001	1	油嘴管	OIL FEEDING PIPE	
46	SA8723001	1	油管	OIL TUBE	
47	SA8724001	1	油线 6X6	WICK 6X6	
48	SA8725001	1	油管	OIL TUBE	
49	SA8726001	1	油线 6X6	WICK 6X6	
50	SA8727001	1	油线 6X6	WICK 6X6	
51	SA8728001	1	油毡	FELT	
52	SA8729001	1	油毡	FELT	
53	SA8708001	1	油线 6X6	WICK 6X6	
54	SA8785001	1	油管	OIL TUBE	
55	SA8732001	1	副油罐组件	SUB-TANK ASSY	
56	SA3060001	1	油门垫片	VALVE PACKING	
57	SA3040001	1	油嘴管	OIL FEEDING PIPE	
58	SA8733001	1	油管	OIL TUBE	
59	104450101	1	橡皮塞 8	RUBBER CAP, 8	
60	SA3055101	1	油管夹	TUBE CLIP	
61	SA8734001	1	油毡	FELT	
62	SA8735001	1	油管	OIL TUBE	
63	SA8786001	1	油管	OIL TUBE	



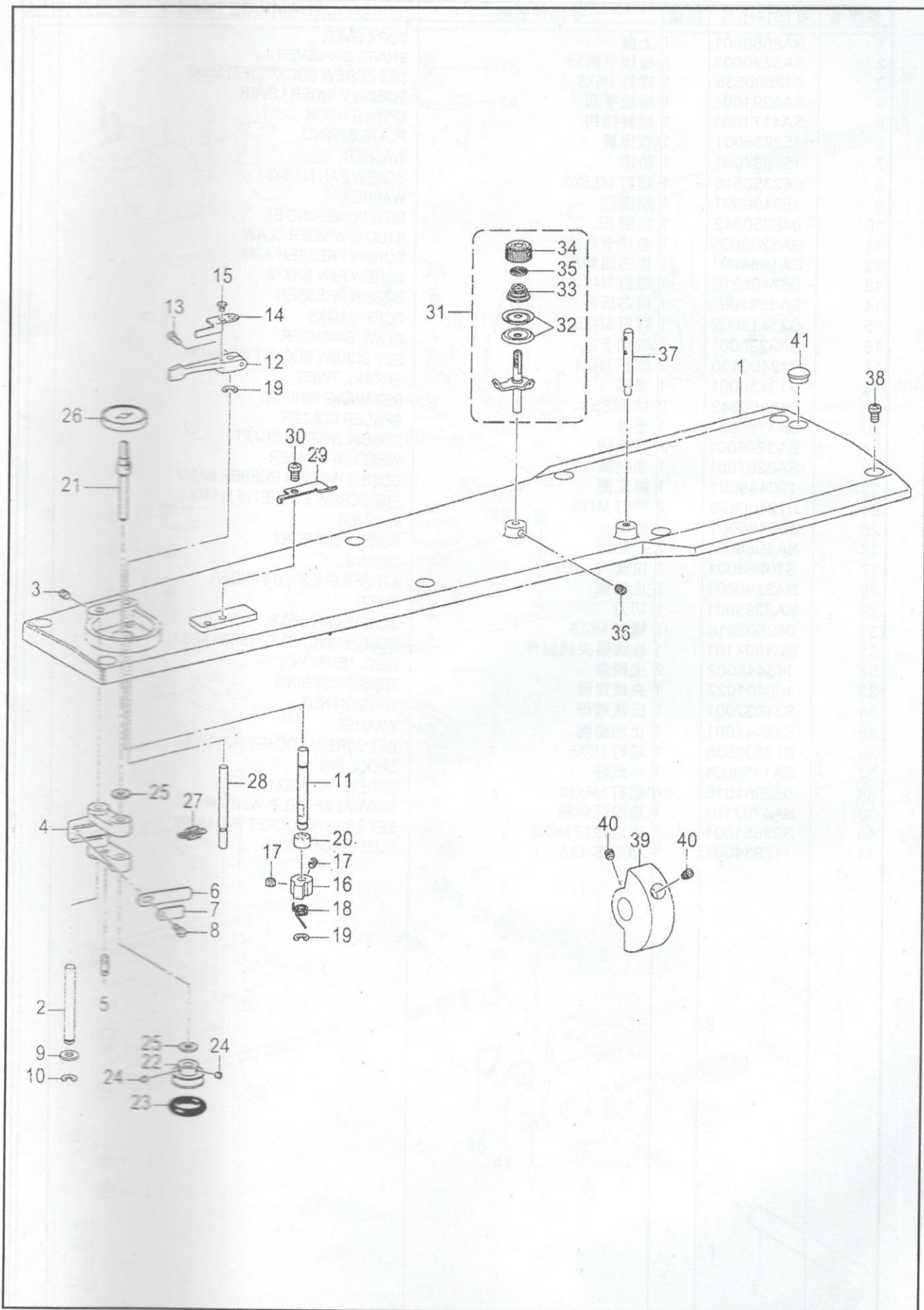
F. 供油润滑装置 / Lubrication

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
64	SA3946001	1	油管接头	OIL TERMINAL	
65	SA8736001	1	油板	OIL PLATE	
66	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
67	0A5401006	1	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
68	SA2929001	2	橡皮塞 12.5	RUBBER CAP, 12.5	
69	S38266000	2	油毡	ROTARY HOOK SHAFT FELT	
70	SA3055101	1	油管夹	TUBE CLIP	
71	SA4650001	1	Y-传感板	Y-SENSOR PLATE	
72	018402036	2	螺栓 M4X20	BOLT SOCKET M4X20	
73	S04159000	1	线夹 1M	BAND 1M	
74	025040236	2	平垫圈 M4	WASHER PLAIN M 4	
75	028040246	2	弹簧垫圈 2-4	WASHER SPRING 2-4	



G. 穿线装置 / Threading mechanism

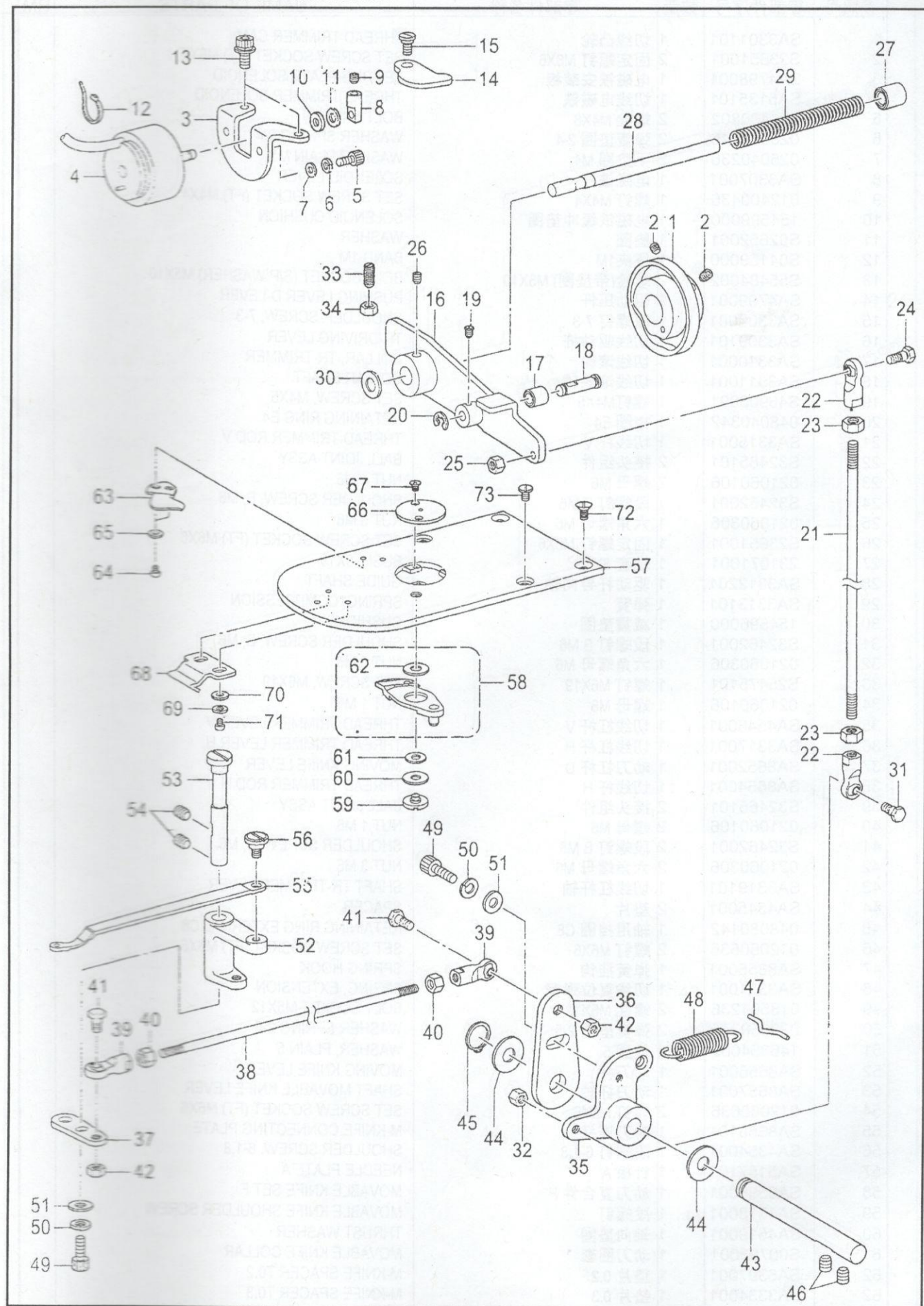
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA3250001	1	过线导向 A	ARM THREAD GUIDE, A	
2	062500616	1	螺钉 M5X6	SCREW PAN M5X6	
3	SA4333001	1	过线导向 B	ARM THREAD GUIDE, B	
4	062500616	1	螺钉 M5X6	SCREW PAN M5X6	
5	SA6391001	1	过线器 C	ARM THREAD GUIDE C	
6	062500616	1	螺钉 M5X6	SCREW PAN M5X6	
7	153049001	2	面线导向杆	UPPER THREAD GUIDE STUD	
8	144588301	1	挑线弹簧 B	THREAD TAKE-UP SPRING B	
9	SA3255001	1	夹线杆轴	TENSION STUD	
10	S31032001	1	压线螺母	TENSION NUT	
11	S12441001	1	止动垫圈	WASHER	
12	107606001	1	调节弹簧	TENSION SPRING H	
13	159805001	1	夹线压盘	TENSION DISC PRESSER	
14	145446001	2	夹线盘	DISC, TENSION	
15	SA3254001	1	夹线座	TENSION BRACKET	
16	100402004	1	固定螺钉 SM3.57	SET SCREW, SM3.57	
17	SA4143001	1	螺钉 M6X6	SET SCREW, (FT) M6X6	
18	S12699000	1	松线销	TENSION RELEASE PIN	
19	SA3256001	1	夹线杆轴 A	TENSION STUD, A	
20	100136001	1	夹线螺母	TENSION NUT	
21	SA4146101	1	弹簧	SUB TENSION SPRING	
22	145446001	2	夹线盘	DISC, TENSION	
23	SA8691001	1	机壳线钩	THREAD GUIDE ARM	
24	021400306	1	六角螺母 M4	NUT 3 M4	
25	SA3257101	1	针杆线导向 A	NEEDLE BAR THREAD GUIDE, A	
26	SA3258001	1	针杆轴套线导向 D	N-BAR BUSH THREAD GUIDE, D	
27	152881001	1	线冷却器组件	NEEDLE COOLER ASSY	
28	012060636	1	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
29	152883000	1	油毡 8X15.5	FELT, 8X15.5	
30	152884001	1	过线钩	NEEDLE COOLER THREAD GUIDE	
31	062670412	1	螺钉 SM3.57-40X4	SCREW PAN SM3.57-40X4	



H. 卷线装置 / Bobbin winder mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8650001	1	上盖	TOP COVER	
2	SA3290001	1	卷线手柄轴	SHAFT, BW-LEVER	
3	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
4	SA3291001	1	卷线手柄	BOBBIN WINDER LEVER	
5	SA4171001	1	弹簧挂钩	SPRING HOOK	
6	152936001	1	板弹簧	PLATE SPRING	
7	152937001	1	垫圈	WASHER	
8	062350616	1	螺钉 M3.5X6	SCREW PAN M3.5X6	
9	159486001	1	垫圈	WASHER	
10	048050342	1	挡圈 E5	RETAINING RING E5	
11	SA3293001	1	卷线卡爪轴	STUD B-WINDER CLAW	
12	SA1984001	1	梭芯压臂柄	BOBBIN PRESSER ARM	
13	062401216	1	螺钉 M4X12	SCREW PAN M4X12	
14	SA3294001	1	梭芯压杆	BOBBIN PRESSER	
15	S23418002	1	螺钉 M4X5	SCREW M4X5	
16	SA3295001	1	卷线卡爪	CLAW, B-WINDER	
17	012400436	2	螺钉 M4X4	SET SCREW SOCKET (FT) M4X4	
18	S10438001	1	弹簧	SPRING, TWIST	
19	048050342	2	挡圈 E5	RETAINING RING E5	
20	SA4796001	1	垫圈	SPACER COLLER	
21	SA3296001	1	卷线轴	BOBBIN WINDER SHAFT	
22	SA3297001	1	卷线器	WHEEL, B-WINDER	
23	120448001	1	橡皮圈	BOBBIN WINDER RUBBER BAND	
24	012400436	2	螺钉 M4X4	SET SCREW SOCKET (FT) M4X4	
25	159486001	2	垫圈	WASHER	
26	SA1988001	1	梭芯座	BOBBIN SUPPORT	
27	S10268001	1	拉簧	SPRING	
28	SA3298001	1	止动轴	STOPPER SHAFT, B-WINDER	
29	SA3299001	1	切刀	KNIFE	
30	062500616	1	螺钉 M5X6	SCREW PAN M5X6	
31	SA1994101	1	卷线器夹线组件	BOBBIN WINDER TENSION ASSY	
32	145446002	2	夹线盘	DISC, TENSION	
33	100401022	1	夹线弹簧	TENSION SPRING	
34	S31032001	1	压线螺母	TENSION NUT	
35	S12441001	1	止动垫圈	WASHER	
36	012500536	1	螺钉 M5X5	SET SCREW SOCKET (FT) M5X5	
37	SA1359001	1	穿线杆	SPOOL PIN	
38	062061016	6	螺钉 M6X10	SCREW PAN M6X10	
39	SA4797101	1	卷线驱动轮	DRIVING WHEEL B-WINDER	
40	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
41	117934001	1	橡皮塞 13.5	RUBBER CAP, 13.5	

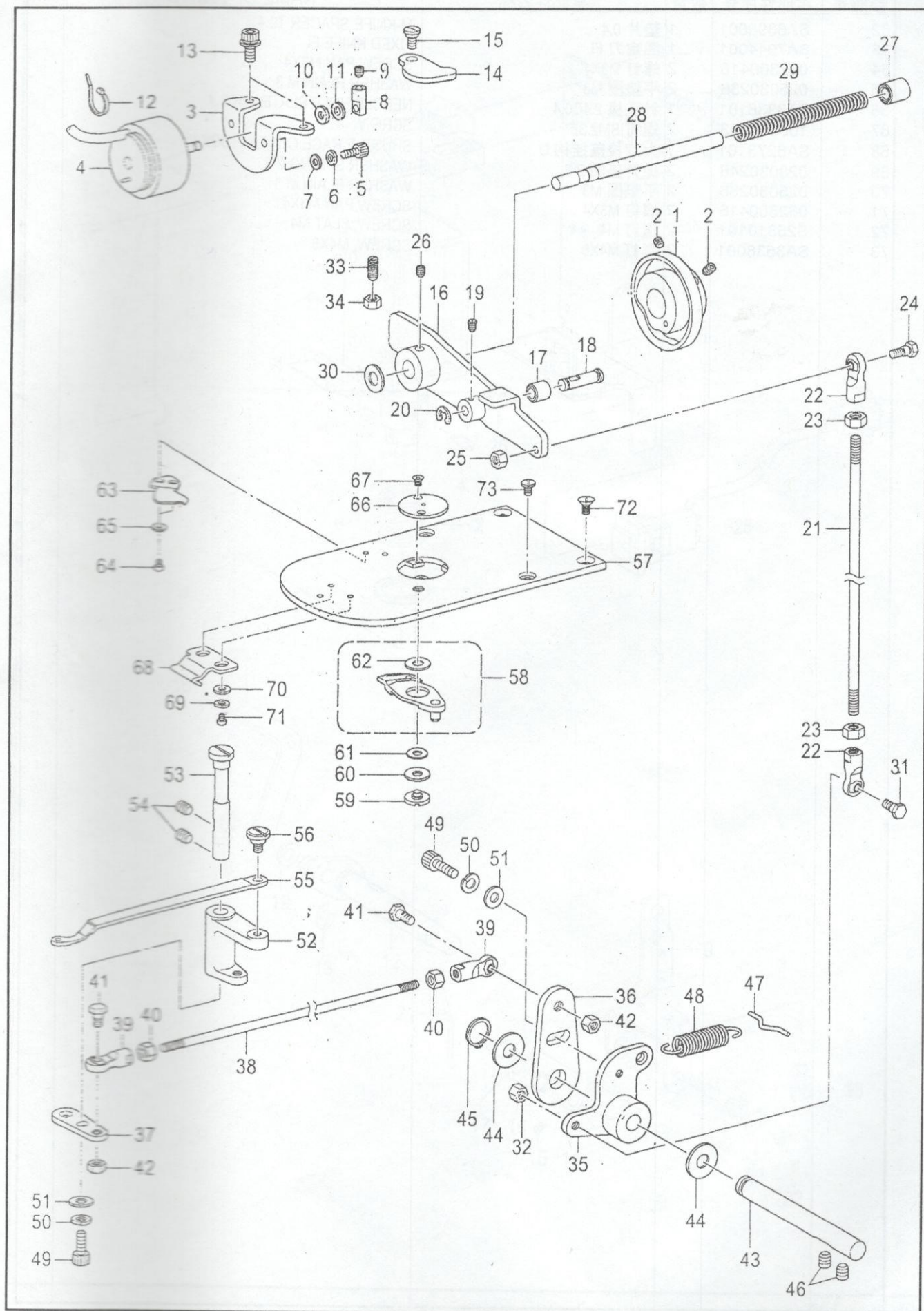
J. 切线装置 / Thread trimmer mechanism



J. 切线装置 / Thread trimmer mechanism

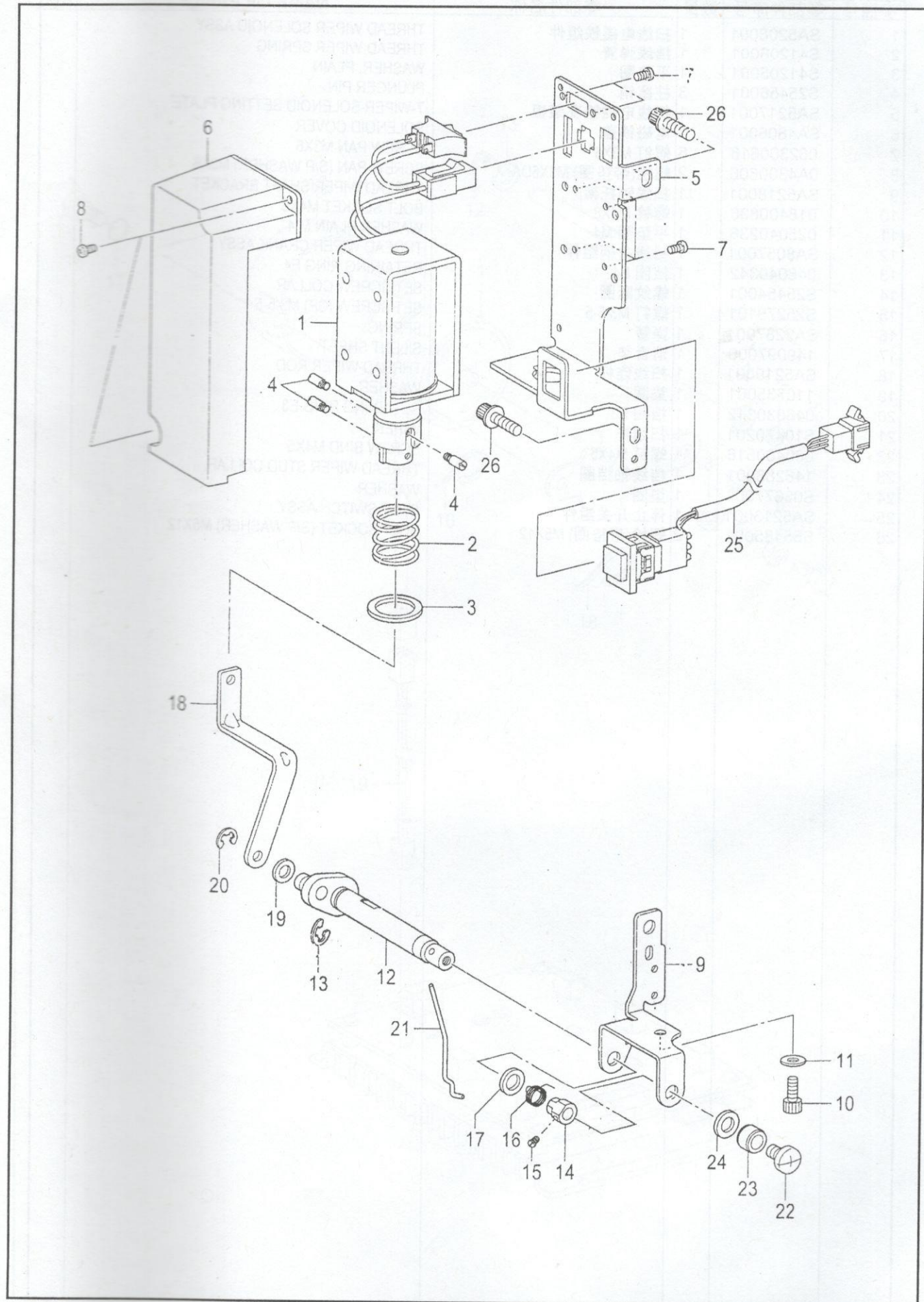
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA3301101	1	切线凸轮	THREAD TRIMMER CAM	
2	S23651001	2	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
3	SA4798001	1	电磁铁安装板	SETTING PLATE SOLENOID	
4	SA5135101	1	切线电磁铁	THREAD TRIMMER SOLENOID	
5	017400802	2	螺栓 M4X8	BOLT M4X8	
6	028040246	2	弹簧垫圈 2-4	WASHER SPRING 2-4	
7	026040236	2	平垫圈 M4	WASHER PLAIN M 4	
8	SA3307001	1	电磁铁杆	SOLENOID LEVER	
9	012400436	1	螺钉 M4X4	SET SCREW SOCKET (FT) M4X4	
10	154599000	1	电磁铁缓冲垫圈	SOLENOID CUSHION	
11	S02652001	1	垫圈	WASHER	
12	S04159000	1	线夹 1M	BAND 1M	
13	S55484002	2	螺栓(带垫圈) M5X10	BOLT SOCKET (S/P WASHER) M5X10	
14	SA4799001	1	驱动压杆	PUSHING LEVER D-LEVER	
15	SA3306001	1	段螺钉 7-3	SHOULDER SCREW, 7-3	
16	SA3309101	1	切线驱动杆	TR-DRIVING LEVER	
17	SA3310001	1	切线滚轮	COLLAR, TR-TRIMMER	
18	SA3311001	1	切线滚轮轴	COLLAR SHAFT	
19	S46903001	1	螺钉 M4X5	SET SCREW, M4X5	
20	048040342	1	挡圈 E4	RETAINING RING E4	
21	SA3315001	1	切线杆 V	THREAD TRIMMER ROD V	
22	S32465101	2	接头组件	BALL JOINT ASSY	
23	021060106	2	螺母 M6	NUT 1 M6	
24	S32462001	1	段螺钉 B M6	SHOULDER SCREW, B; M6	
25	021060306	1	六角螺母 M6	NUT 3 M6	
26	S23651001	1	固定螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
27	231071001	1	轴套 8X15	BUSH, 8X15	
28	SA3312201	1	驱动杆导向轴	GUIDE SHAFT	
29	SA3313101	1	弹簧	SPRING, COMPRESSION	
30	154596000	1	减震垫圈	CUSHION	
31	S32462001	1	段螺钉 B M6	SHOULDER SCREW, B; M6	
32	021060306	1	六角螺母 M6	NUT 3 M6	
33	S25475101	1	螺钉 M6X19	SET SCREW, M6X19	
34	021060106	1	螺母 M6	NUT 1 M6	
35	SA4546001	1	切线杠杆 V	THREAD TRIMMER LEVER V	
36	SA3317001	1	切线杠杆 H	THREAD TRIMMER LEVER H	
37	SA8652001	1	动刀杠杆 D	MOVING KNIFE LEVER	
38	SA8654001	1	切线杆 H	THREAD TRIMMER ROD H	
39	S32465101	2	接头组件	BALL JOINT ASSY	
40	021060106	2	螺母 M6	NUT 1 M6	
41	S32462001	2	段螺钉 B M6	SHOULDER SCREW, B; M6	
42	021060306	2	六角螺母 M6	NUT 3 M6	
43	SA3319101	1	切线杠杆轴	SHAFT TR-TRIMMER LEVER	
44	SA4545001	2	垫片	SPACER	
45	048080142	1	轴用挡圈 C8	RETAINING RING EXTERNAL C8	
46	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
47	SA8655001	1	弹簧挂钩	SPRING HOOK	
48	SA3321001	1	切线复位弹簧	SPRING, EXTENSION	
49	018501236	2	螺栓 M5X12	BOLT SOCKET M5X12	
50	028050246	2	弹簧垫圈 2-5	WASHER SPRING 2-5	
51	146354002	2	垫圈 5	WASHER, PLAIN 5	
52	SA8656001	1	动刀杆	MOVING KNIFE LEVER	
53	SA8657001	1	动刀杆轴	SHAFT MOVABLE KNIFE LEVER	
54	012060636	2	螺钉 M6X6	SET SCREW SOCKET (FT) M6X6	
55	SA8658101	1	动刀连杆	M-KNIFE CONNECTING PLATE	
56	SA4354001	1	段螺钉 6-1.8	SHOULDER SCREW, 6-1.8	
57	SA5157101	1	针板 A	NEEDLE PLATE A	
58	SA6596001	1	动刀复合件 F	MOVABLE KNIFE SET F	
59	SA4518001	1	段螺钉	MOVABLE KNIFE SHOULDER SCREW	
60	SA4519001	1	轴向垫圈	THRUST WASHER	
61	S00705001	1	动刀圈套	MOVABLE KNIFE COLLAR	
62	SA6397001	1	垫片 0.2	M-KNIFE SPACER T0.2	
62	SA3334001	1	垫片 0.3	M-KNIFE SPACER T0.3	

J. 切线装置 / Thread trimmer mechanism



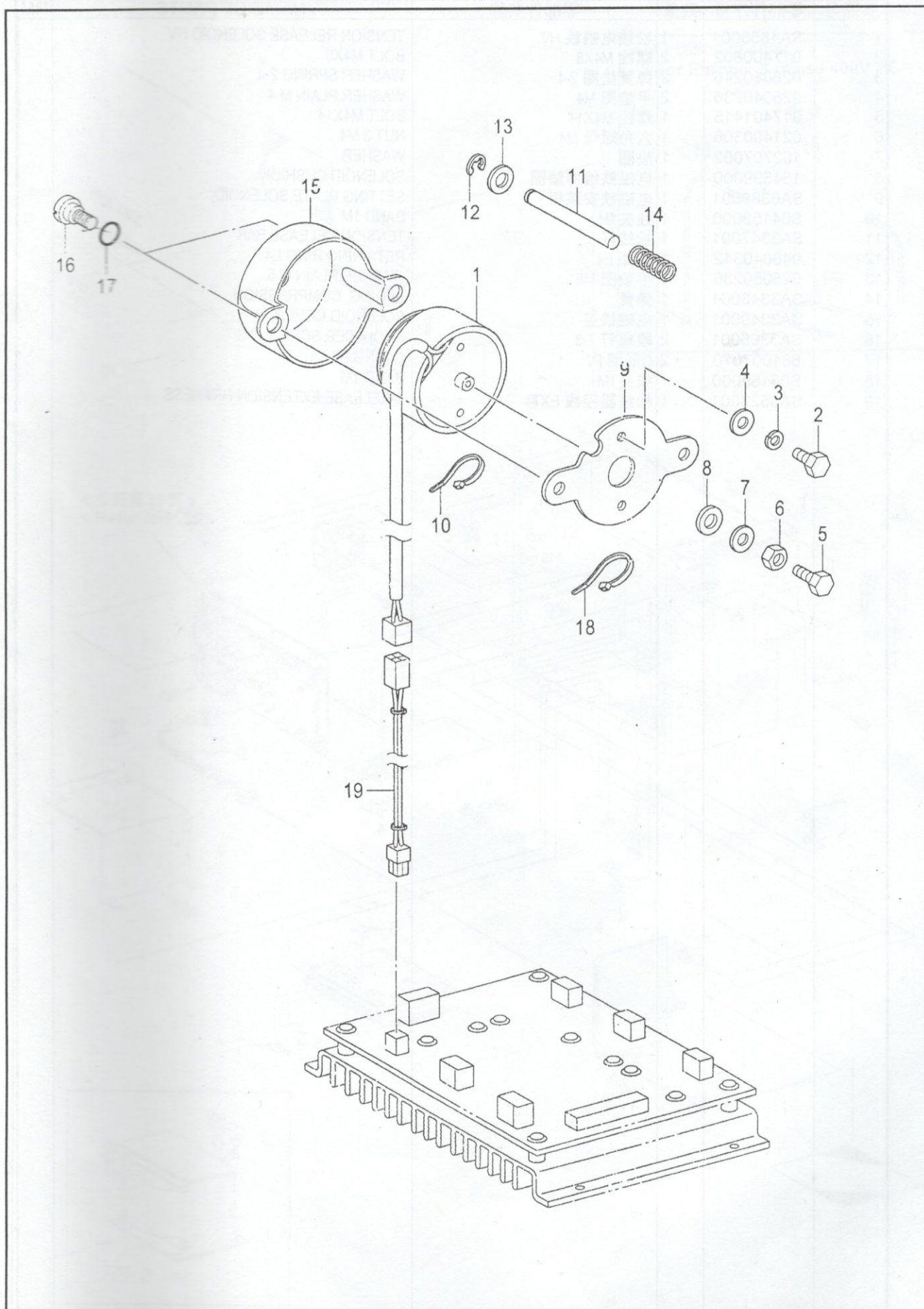
J. 切线装置 / Thread trimmer mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RI
62	SA6398001	1	垫片 0.4	M-KNIFE SPACER T0.4	
63	SA7944001	1	固定刀 FL	FIXED KNIFE FL	
64	062300416	2	螺钉 M3X4	SCREW PAN M3X4	
65	025030236	2	平垫圈 M3	WASHER PLAIN M 3	
66	SA3336101	1	针孔板 2.4C0.4	NEEDLE HOLE PLATE 2.4C0.4	
67	100360003	2	螺钉 SM2.38	SCREW	
68	SA6273101	1	大旋梭盖挂钩 U	SHUTTLE RACE COVER HOOK U	
69	028030246	2	弹簧垫圈 2-3	WASHER SPRING 2-3	
70	025030236	2	平垫圈 M3	WASHER PLAIN M 3	
71	062300416	2	螺钉 M3X4	SCREW PAN M3X4	
72	S25310101	2	螺钉 M4	SCREW, FLAT M4	
73	SA3538001	2	螺钉 M4X8	SCREW, M4X8	



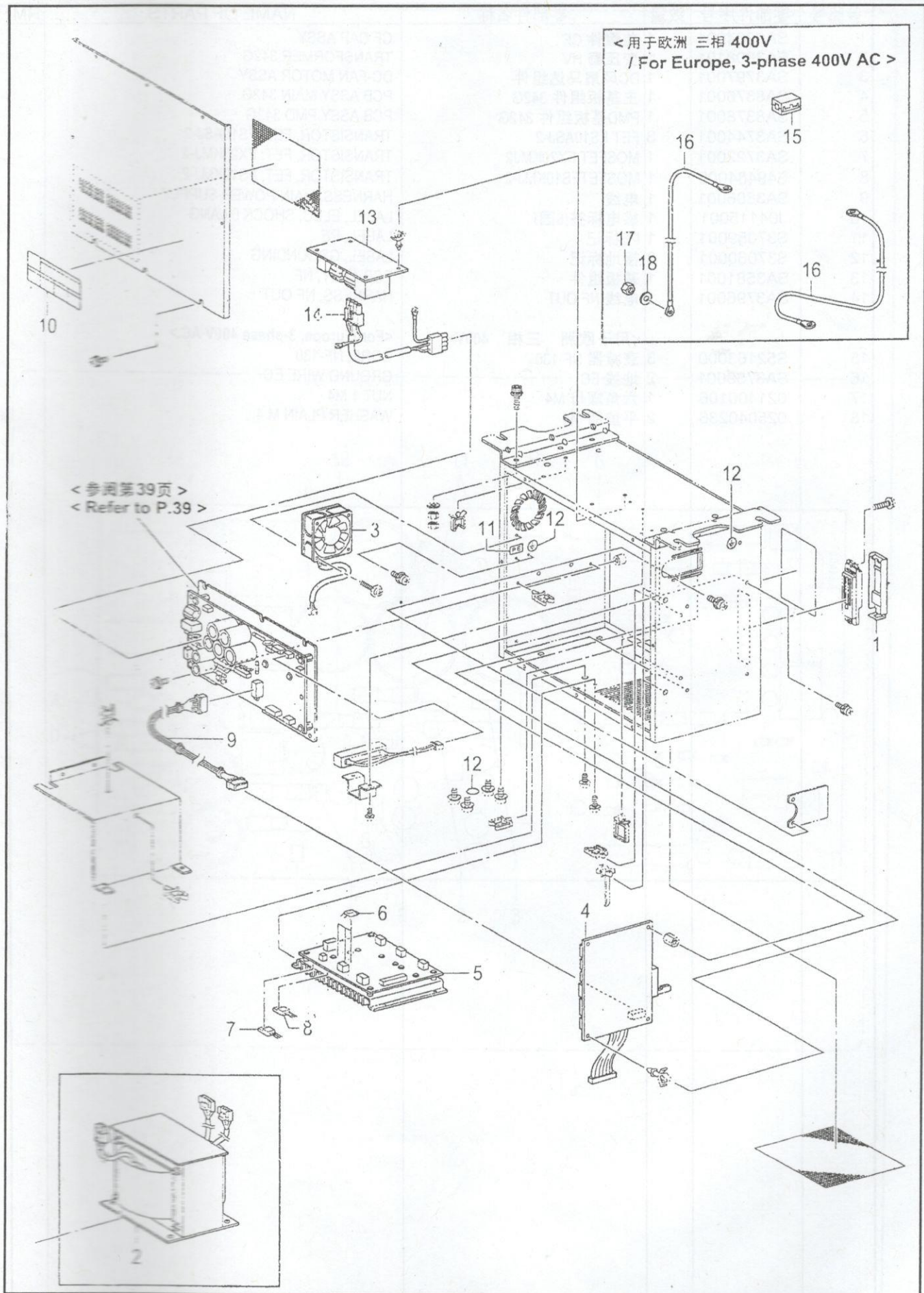
K. 扫线装置 / Thread wiper mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA5208001	1	扫线电磁铁组件	THREAD WIPER SOLENOID ASSY	
2	S41206001	1	挡线弹簧	THREAD WIPER SPRING	
3	S41205001	1	平垫圈	WASHER, PLAIN	
4	S25456001	3	柱塞销	PLUNGER PIN	
5	SA5217001	1	扫线电磁铁安装板	T-WIPER SOLENOID SETTING PLATE	
6	SA4806001	1	电磁铁盖	SOLENOID COVER	
7	062300616	6	螺钉 M3X6	SCREW PAN M3X6	
8	0A4300606	2	螺栓(带垫圈) M3X6DA	SCREW PAN (S/P WASHER) M3X6	
9	SA5218001	1	扫线轴托架	THREAD WIPER SHAFT BRACKET	
10	018400836	1	螺栓 M4X8	BOLT SOCKET M4X8	
11	025040236	1	平垫圈 M4	WASHER PLAIN M 4	
12	SA8057001	1	挡线曲柄组件	THREAD WIPER CRANK ASSY	
13	048040342	1	挡圈 E4	RETAINING RING E4	
14	S25454001	1	螺纹紧圈	SET SCREW COLLAR	
15	S25279101	1	螺钉 M3.5-5	SET SCREW (CP) M3.5-5	
16	SA2287001	1	弹簧	SPRING	
17	149097000	1	消音垫	SILENT SHEET	
18	SA5219001	1	扫线连杆	THREAD WIPER ROD	
19	110735001	1	垫圈	WASHER	
20	048030342	1	挡圈 E3	RETAINING RING E3	
21	S10470201	1	扫线杆	WIPER	
22	060400516	1	螺钉 M4X5	SCREW BIND M4X5	
23	146288001	1	挡线轴挡圈	THREAD WIPER STUD COLLAR	
24	S03677001	1	垫圈	WASHER	
25	SA5213001	1	停止开关组件	STOP SWITCH ASSY	
26	S55485001	2	螺栓(带垫圈) M5X12	BOLT SOCKET (S/P WASHER) M5X12	



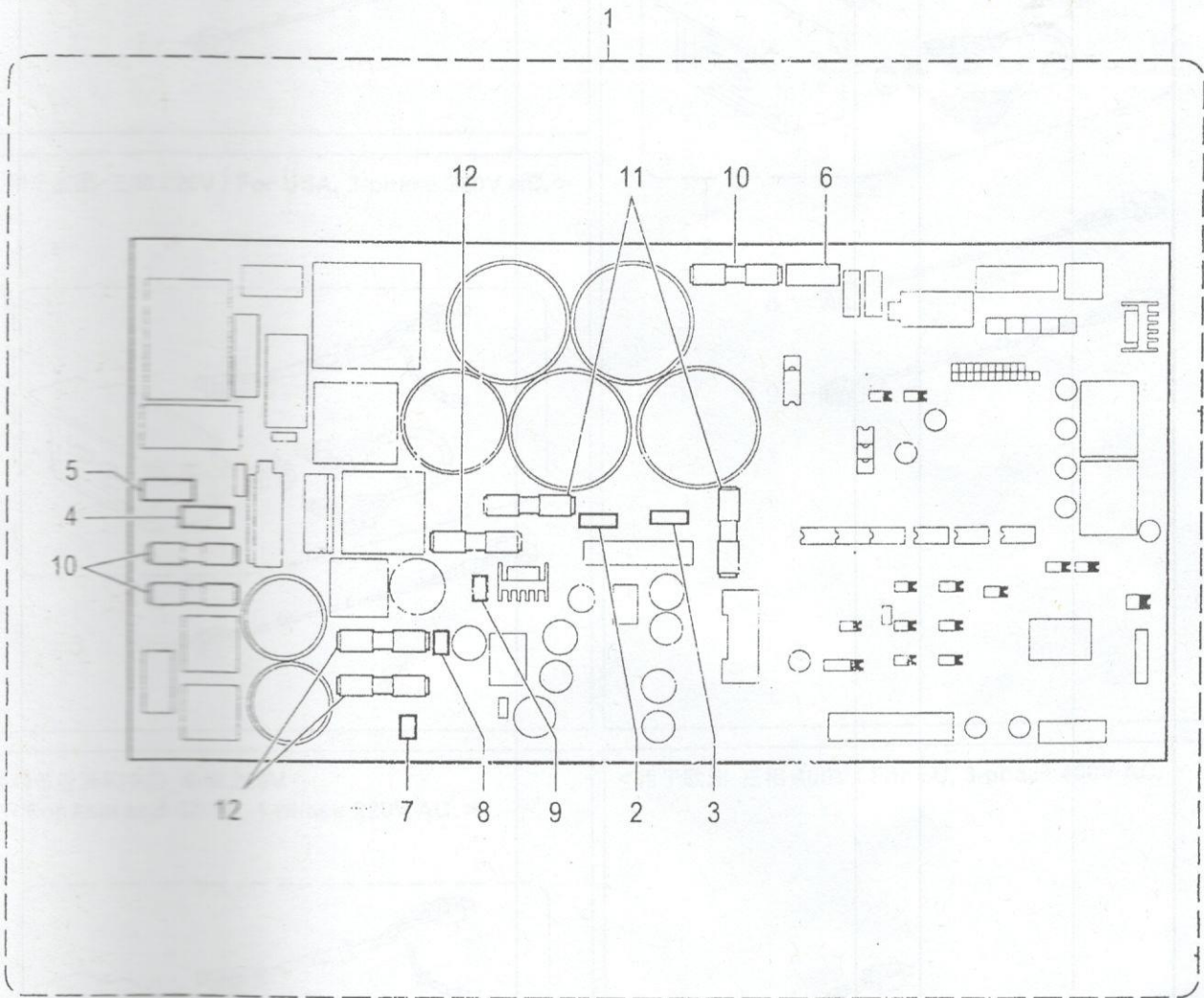
L. 松线装置 / Tension release mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA4855001	1	松线电磁铁 HV	TENSION RELEASE SOLENOID HV	
2	017400802	2	螺栓 M4X8	BOLT M4X8	
3	028040246	2	弹簧垫圈 2-4	WASHER SPRING 2-4	
4	026040236	2	平垫圈 M4	WASHER PLAIN M 4	
5	017401415	1	螺栓 M4X14	BOLT M4X14	
6	021400306	1	六角螺母 M4	NUT 3 M4	
7	102707002	1	垫圈	WASHER	
8	154599000	1	电磁铁缓冲垫圈	SOLENOID CUSHION	
9	SA6389001	1	电磁铁安装板	SETTING PLATE SOLENOID	
10	S04159000	1	线夹1M	BAND 1M	
11	SA3347001	1	松线杆	TENSION RELEASE BAR	
12	048040342	1	挡圈 E4	RETAINING RING E4	
13	025050236	1	平垫圈 M5	WASHER PLAIN M 5	
14	SA3348001	1	弹簧	SPRING, COMPRESSION	
15	SA3349001	1	电磁铁盖	SOLENOID COVER	
16	SA3306001	2	段螺钉 7-3	SHOULDER SCREW, 7-3	
17	081007070	2	O形圈 P7	O RING P7	
18	S04159000	1	线夹1M	BAND 1M	
19	SA8529001	1	松线器接线 EXT	T-RELEASE EXTENSION HRANESS	



M1. 控制箱装置 / Control box mechanism

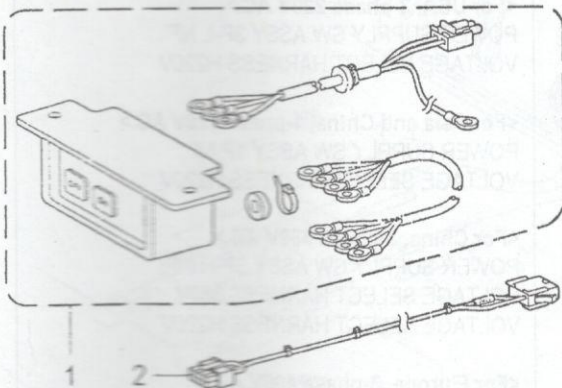
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA6364001	1	盖组件 CF	CF CAP ASSY	
2	SA3808101	1	变压器 HV	TRANSFORMER 342G	
3	SA3797001	1	DC风扇马达组件	DC-FAN MOTOR ASSY	
4	SA8376001	1	主基板组件 342G	PCB ASSY MAIN 342G	
5	SA8378001	1	PMD基板组件 342G	PCB ASSY PMD 342G	
6	SA3744001	3	FET FS10ASJ-2	TRANSISTOR, FET: FS10ASJ-2	
7	SA3722001	1	MOSFET FX20KMJ2	TRANSISTOR, FET: FX20KMJ-2	
8	S49484000	1	MOSFETFS10KMJ-2	TRANSISTOR, FET: FS10KMJ-2	
9	SA3806001	1	电线	HARNESS, MAIN POWER SUPPLY	
10	J04115001	1	感电标签(6国)	LABEL, ELEC. SHOCK 6 LANG	
11	S37059001	1	PE标记	LABEL, PE	
12	S37060001	3	接地标记	LABEL, GROUNDING	
13	SA3581001	1	基板组件	PCB ASSY, NF	
14	SA3796001	1	电线 NF OUT	HARNESS, NF OUT	
			<用于欧洲 三相 400V>	<For Europe, 3-phase 400V AC.>	
15	S52163000	3	衰减器 NF-130	CORE, NF-130	
16	SA3788001	2	地线 EC	GROUND WIRE EC	
17	021400106	1	六角螺母 M4	NUT 1 M4	
18	025040236	2	平垫圈 M4	WASHER PLAIN M 4	



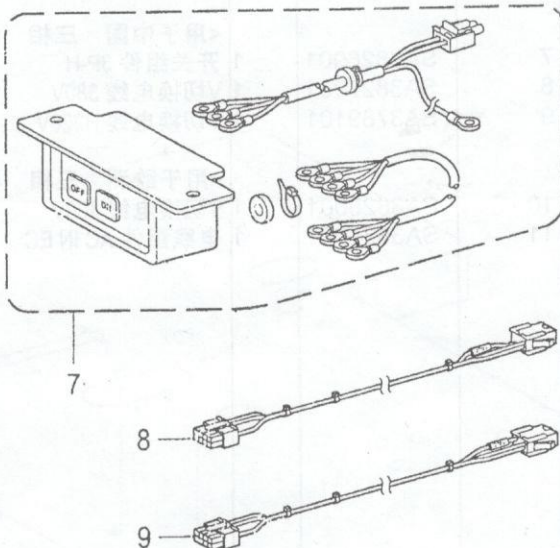
M2. 控制箱装置 (电源马达基板) / Control box mechanism (Power supply motor PCB)

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8383001	1	电源马达基板组件 C	PCB ASSY POWER SUPPLY MOTOR C	
2	SA3765001	1	电阻 V10D101	VARISTOR: V10D101	
3	SA8384001	1	电阻 V10D471	VARISTOR: V10D471	
4	SA3767001	1	电阻 V14D511	VARISTOR: V14D511	
5	SA3762001	1	电阻 V14D911	VARISTOR: V14D911	
6	SA3768001	1	电阻 V14D561	VARISTOR: V14D561	
7	SA3769001	1	电阻 V5D121	VARISTOR: V5D121	
8	SA3770001	1	电阻 V5D330	VARISTOR: V5D330	
9	SA3771001	1	电阻 V5D820	VARISTOR: V5D820	
10	SA3794001	3	保险丝 250V-15A	G FUSE S 15A	
11	SA3795001	2	保险丝 250V-6A	G FUSE S 6A	
12	SA7794001	3	保险丝 3A	G FUSE S 3A	

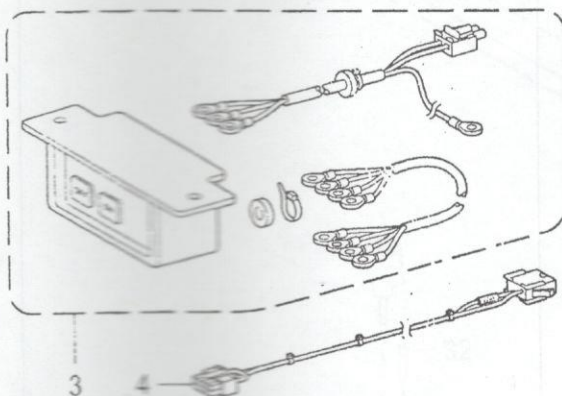
< 用于日本 三相 200V / For Japan, 3-phase 200V AC. >



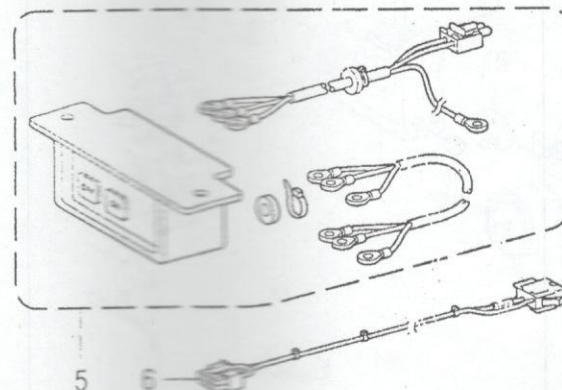
< 用于中国 三相 380V / For China, 3-phase 380V AC. >



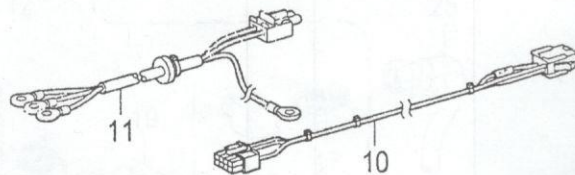
< 用于美国 三相 220V / For USA, 3-phase 220V AC. >



< 用于亚洲和中国 单相 220V
/ For Asia and China, 1-phase 220V AC. >

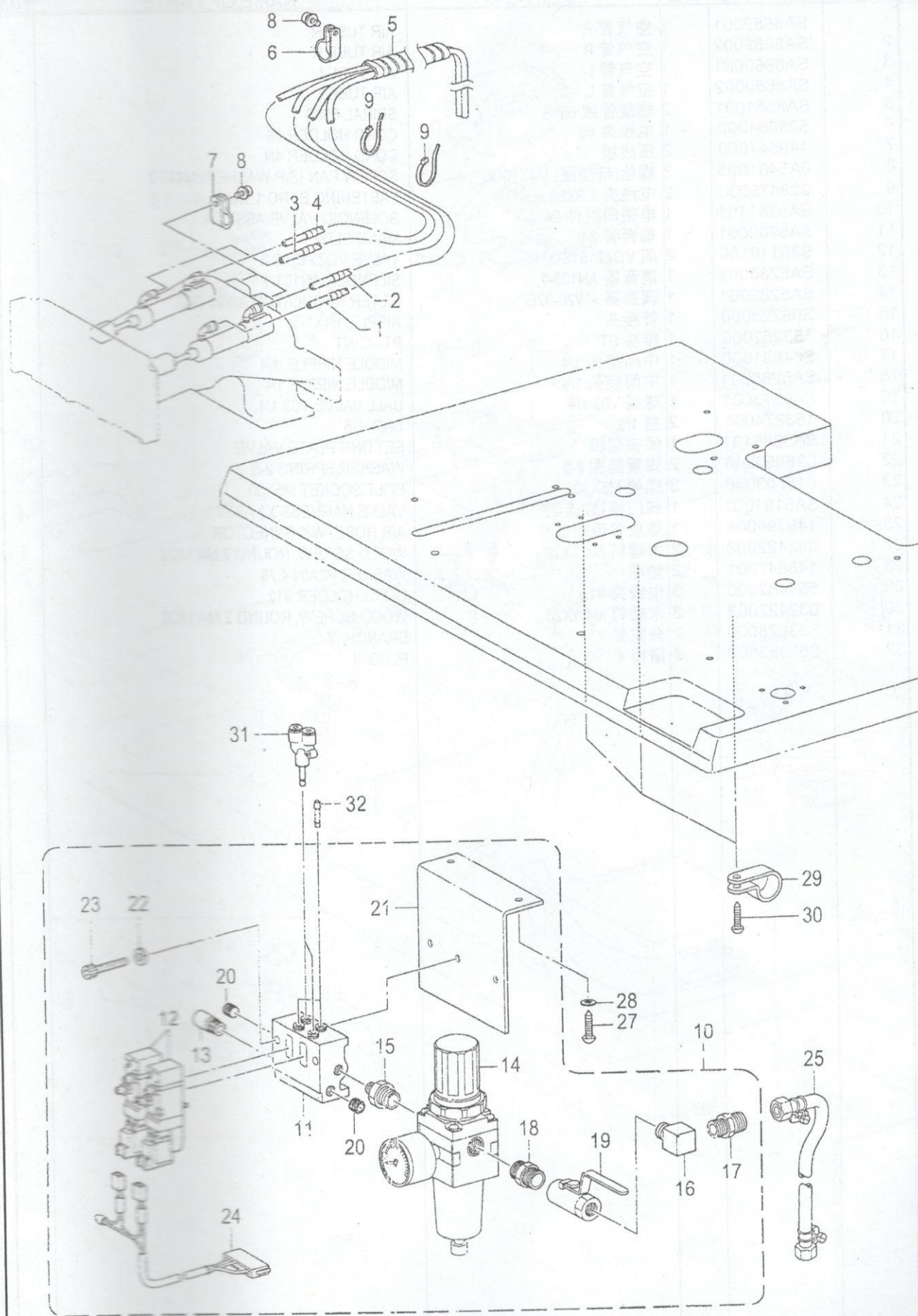


< 用于欧洲 三相 400V / For EU, 3-phase 400V AC. >



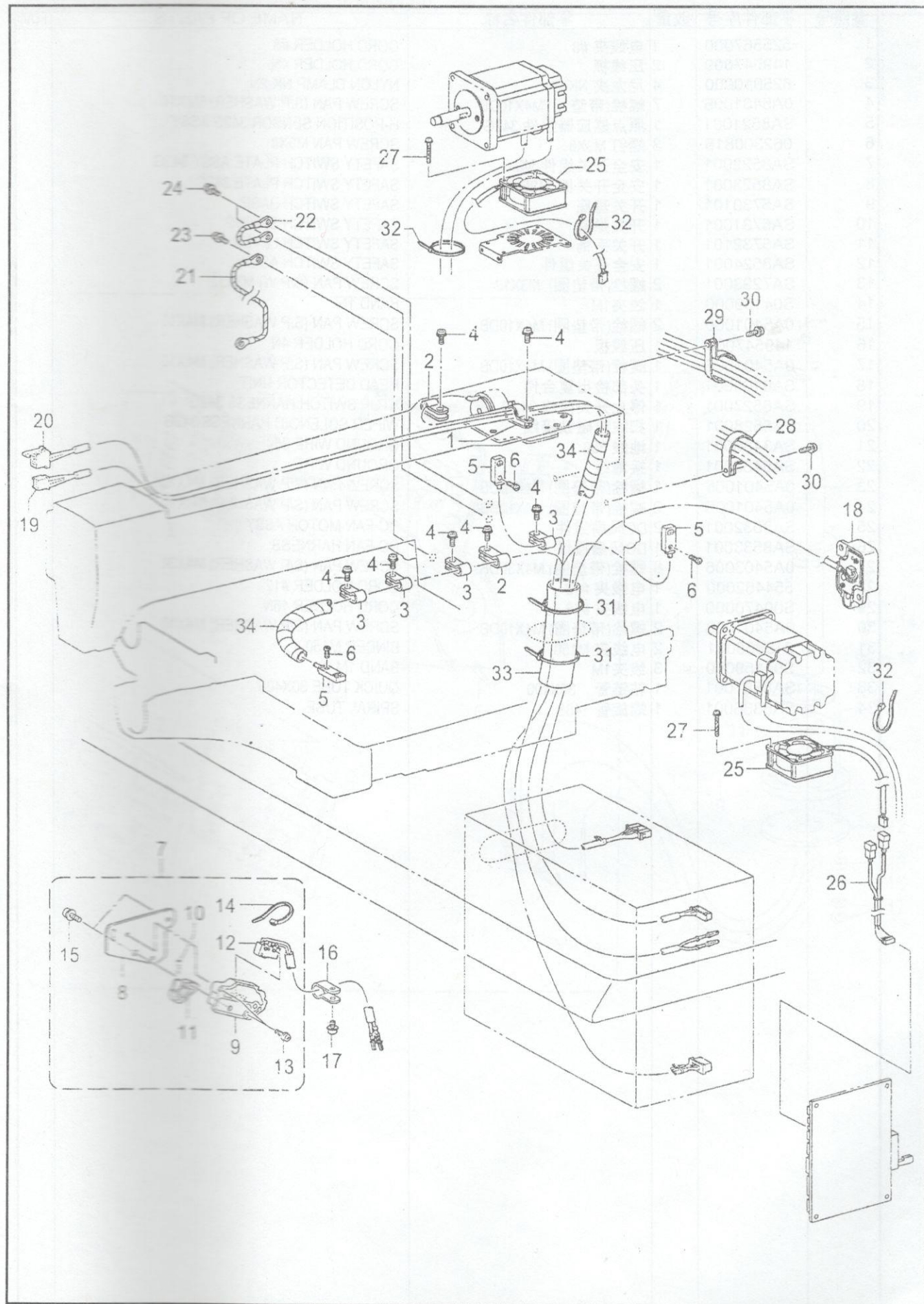
N. 开关装置 / Power switch mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8824001	1	<用于日本 三相 200V> 开关组件 3P-JPN NF	<For Japan, 3-phase 200V AC.> POWER SUPPLY SW ASSY 3P-JP NF	
2	SA8387001	1	V切换电线 200V#2	VOLTAGE SELECT HARNESS 200V #2	
3	SA8825001	1	<用于美国 三相 220V> 开关组件 3P-L NF	<For USA, 3-phase 220V AC.> POWER SUPPLY SW ASSY 3P-L NF	
4	SA3789101	1	V切换电线 H220V	VOLTAGE SELECT HARNESS H220V	
5	SA8827001	1	<用于亚洲和中国 单相 220V> 开关组件 1P	<For Asia and China, 1-phase 220V AC.> POWER SUPPLY SW ASSY 1P NF	
6	SA3789101	1	V切换电线 H220V	VOLTAGE SELECT HARNESS H220V	
7	SA8826001	1	<用于中国 三相 380V> 开关组件 3P-H	<For China, 3-phase 380V AC.> POWER SUPPLY SW ASSY 3P-H NF	
8	SA3827001	1	V切换电线 380V	VOLTAGE SELECT HARNESS 380V	
9	SA3789101	1	V切换电线 H220V	VOLTAGE SELECT HARNESS H220V	
10	SA3828001	1	<用于欧洲 三相 400V> V切换电线 400V	<For Europe, 3-phase 400V AC.> VOLTAGE SELECT HARNESS 400V	
11	SA3838001	1	电线组件 AC IN EC	HARNESS ASSY AC IN EC	



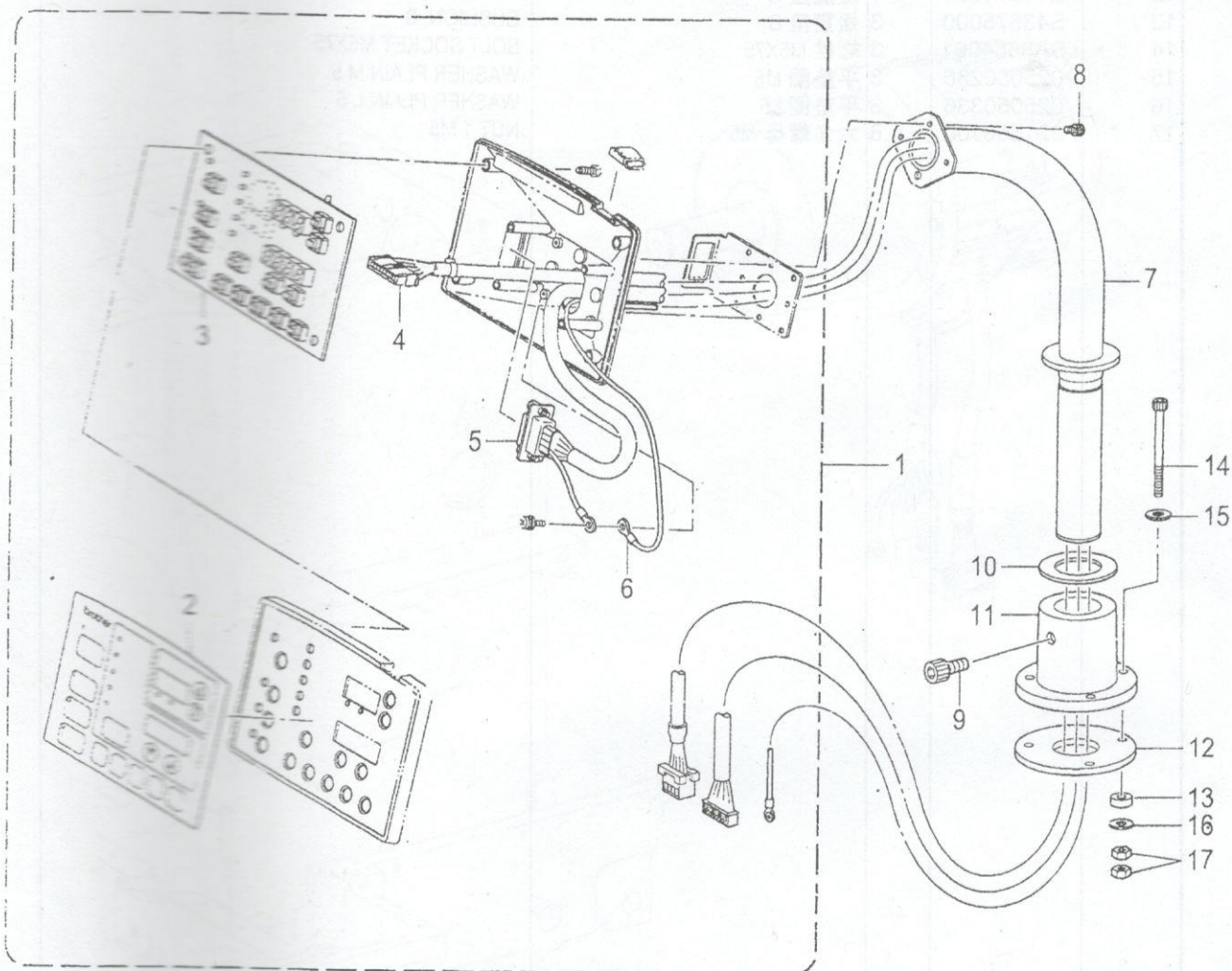
P. 空压装置 / Air pressure mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA8659001	1	空气管 R	AIR TUBE R	
2	SA8659002	1	空气管 R	AIR TUBE R	
3	SA8660001	3	空气管 L	AIR TUBE L	
4	SA8660002	1	空气管 L	AIR TUBE L	
5	SA8661001	2	螺旋管线 650S	SPIRAL 650S	
6	525664000	1	电线夹 #6	CORD HOLDER #6	
7	149547000	2	压线板	CORD HOLDER 4N	
8	0A5401005	3	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
9	228475000	2	电线夹 1.9X80	FASTENING BAND 1.9X80	
10	SA5281101	1	电磁阀组件 2A	SOLENOID VALVE ASSY 2A	
11	SA5289001	1	集合管 2	MANIFOLD2	
12	S39116100	2	阀 VQZ2151S-5	VALVE VQZ2151S-5	
13	SA5283001	1	消音器 AN103-1	SILENCER AN103-1	
14	SA5282001	1	调整器 AW20-02G	FILTER REGULATOR AW20-02G	
15	S09228000	1	管接头	NIPPLE 1/4X1/8	
16	153252000	1	接头 PT	PT-JOINT	
17	S04891000	1	中间接头 1/4	MIDDLE NIPPLE, 1/4	
18	SA5285001	1	中间接头 1/4	MIDDLE NIPPLE 1/4	
19	SA6573001	1	球阀 V03 1/4	BALL VALVE V03 1/4	
20	153274001	2	盖 1/8	CAP, 1/8	
21	SA5286101	1	阀安装板	SETTING PLATE VALVE	
22	028050246	2	弹簧垫圈 2-5	WASHER SPRING 2-5	
23	018503036	3	螺栓 M5X30	BOLT SOCKET M5X30	
24	SA5191001	1	阀门接线2连组	VALVE HARNESS X2 ASSY	
25	149796001	1	像皮管带接头	AIR HOSE, W/CONNECTOR	
27	032422003	2	木螺钉 M4.1X20	WOOD SCREW, ROUND 2 M4.1X20	
28	148847001	2	垫圈	WASHER PLAIN 4.76	
29	554482000	3	电线夹 #12	CORD HOLDER #12	
30	032422003	3	木螺钉 M4.1X20	WOOD SCREW, ROUND 2 M4.1X20	
31	S53978000	2	分支管 Y	BRANCH Y	
32	S53983000	2	插销 4	PLUG 4	



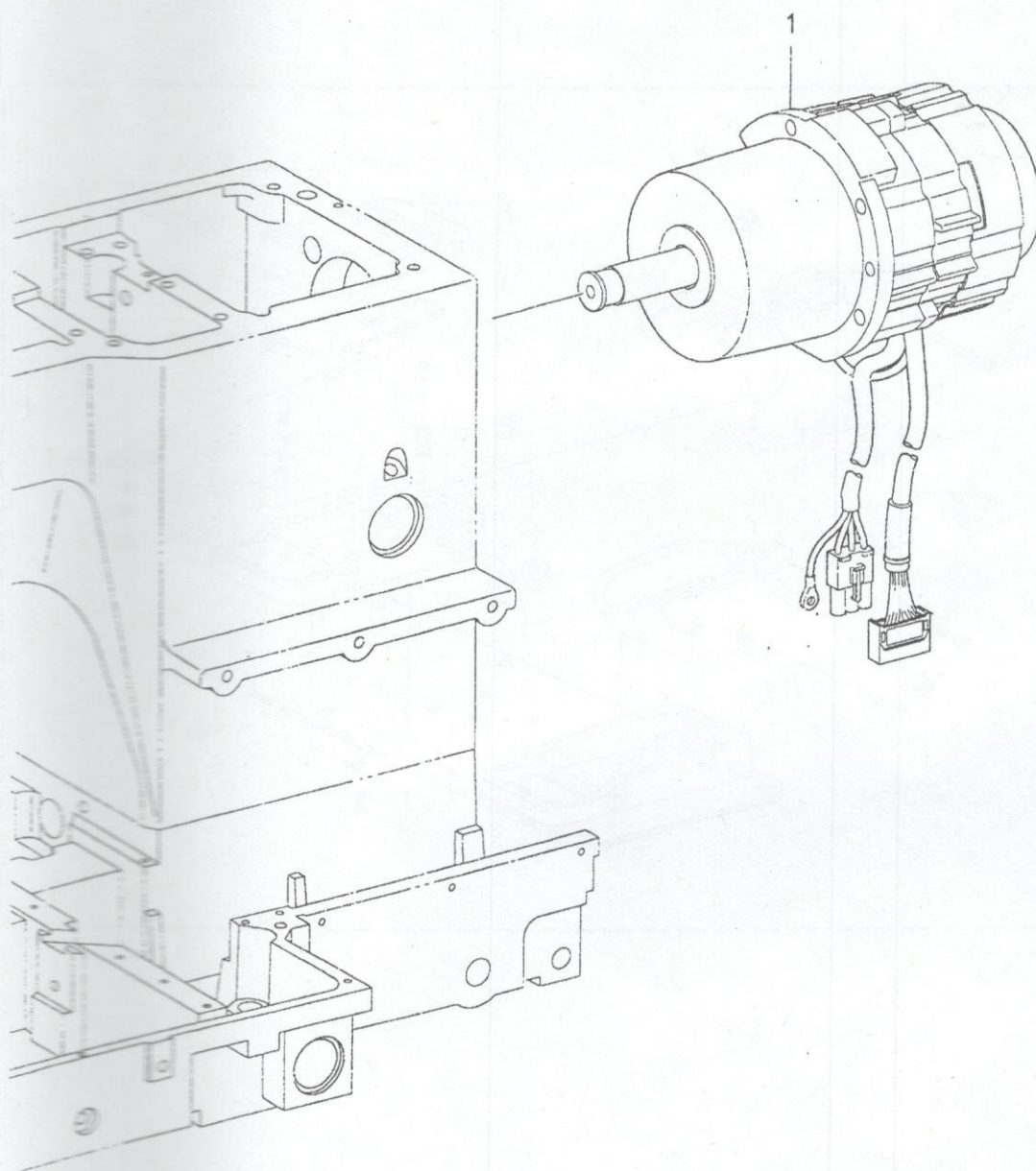
Q. 电气部品装置 / Power supply equipment mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	525567000	1	电线夹 #8	CORD HOLDER #8	
2	149547000	2	压线板	CORD HOLDER 4N	
3	625010000	4	尼龙夹 NK-2N	NYLON CLAMP NK-2N	
4	0A5401006	7	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
5	SA8521001	1	原点感应器组件 342G	H-POSITION SENSOR 342G ASSY	
6	062300816	3	螺钉 M3X8	SCREW PAN M3X8	
7	SA8522001	1	安全开关组件 342G	SAFETY SWITCH PLATE ASSY 342G	
8	SA8523001	1	安全开关板 342G	SAFETY SWITCH PLATE 342G	
9	SA5730101	1	开关基座	SAFETY SWITCH BASE	
10	SA5731001	1	开关弹簧	SAFETY SWITCH SPRING	
11	SA5732101	1	开关手柄	SAFETY SWITCH LEVER	
12	SA8524001	1	安全开关组件	SAFETY SWITCH ASSY	
13	SA7293001	2	螺栓(带垫圈) M3X12	SCREW PAN (S/P W) M3X12	
14	S04159000	1	线夹1M	BAND 1M	
15	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
16	149547000	1	压线板	CORD HOLDER 4N	
17	0A5401006	1	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
18	SA9105001	1	头部检出复合件	HEAD DETECTOR UNIT	
19	SA8527001	1	停止开关接线 342G	STOP SWITCH HARNESS 342G	
20	SA8528001	1	扫线电磁铁接线	WIPER SOLENOID HARNESS 342G	
21	SA3486001	1	地线 350	GROUND WIRE 350	
22	SA5433001	1	接地线	GROUND WIRE	
23	0A5401006	1	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
24	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
25	SA8532001	2	DC风扇组件	DC-FAN MOTOR ASSY	
26	SA8533001	1	DC风扇接线	DC-FAN HARNESS	
27	0A5403006	8	螺栓(带垫圈) M4X30DB	SCREW PAN (S/P WASHER) M4X30	
28	554482000	1	电线夹 #12	CORD HOLDER #12	
29	S00470000	1	电线夹 #16	CORD HOLDER 16N	
30	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10	
31	218859001	2	电线夹 M150	BINDER M150	
32	S04159000	3	线夹1M	BAND 1M	
33	SA8881001	1	粘链管 30X400	QUICK TUBE 30X400	
34	SA6366001	1	螺旋管 140S	SPIRAL TUBE	



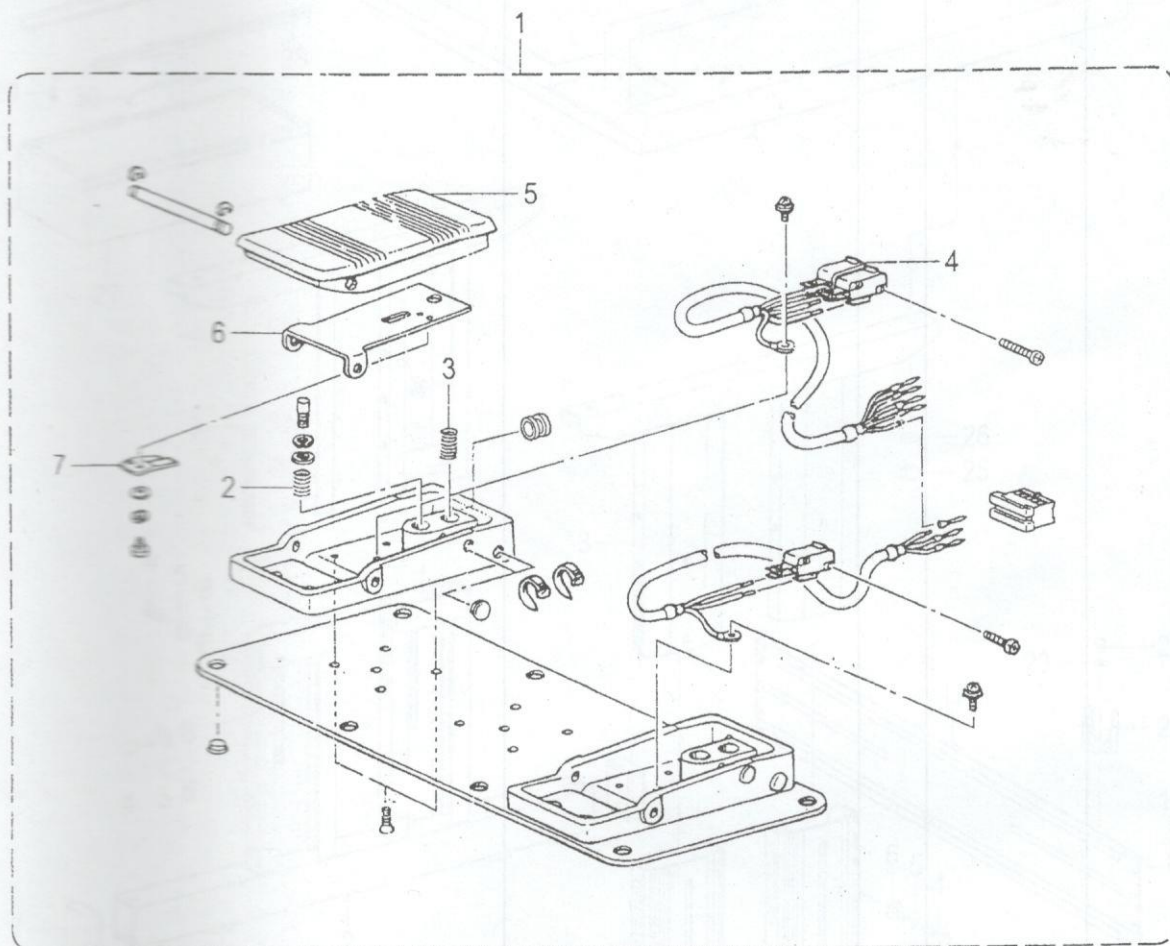
R. 操作盘装置 / Operation panel mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA4834101	1	操作盘组件	OPERATION PANEL ASSY	
2	SA3831001	1	操作盘面板	PANEL SHEET	
3	SA3833201	1	操作盘基板组件	PANEL PCB ASSY	
4	SA4563101	1	操作盘接线	PANEL HARNESS	
5	SA4837101	1	程序器中继线	PROGRAMMER CONNECTING HARNESS	
6	SA4841101	1	接地线	GROUND WIRE	
7	SA4836001	1	操作盘支柱	OPERATION PANEL STAND	
8	018400636	3	螺栓 M4X6	BOLT SOCKET M4X6	
9	018081636	1	螺栓 M6X16	BOLT SOCKET M8X16	
10	S10408000	1	橡皮垫片	RUBBER SHEET	
11	S43236009	1	操作盘基座	OPERATION PANEL BASE	
12	S43674000	1	缓震垫 A	CUSHION, A	
13	S43675000	3	缓震垫 B	CUSHION, B	
14	SA8664001	3	螺栓 M5X75	BOLT SOCKET M5X75	
15	025050236	3	平垫圈 M5	WASHER PLAIN M 5	
16	025050336	3	平垫圈 L5	WASHER PLAIN L 5	
17	021500106	6	六角螺母 M5	NUT 1 M5	



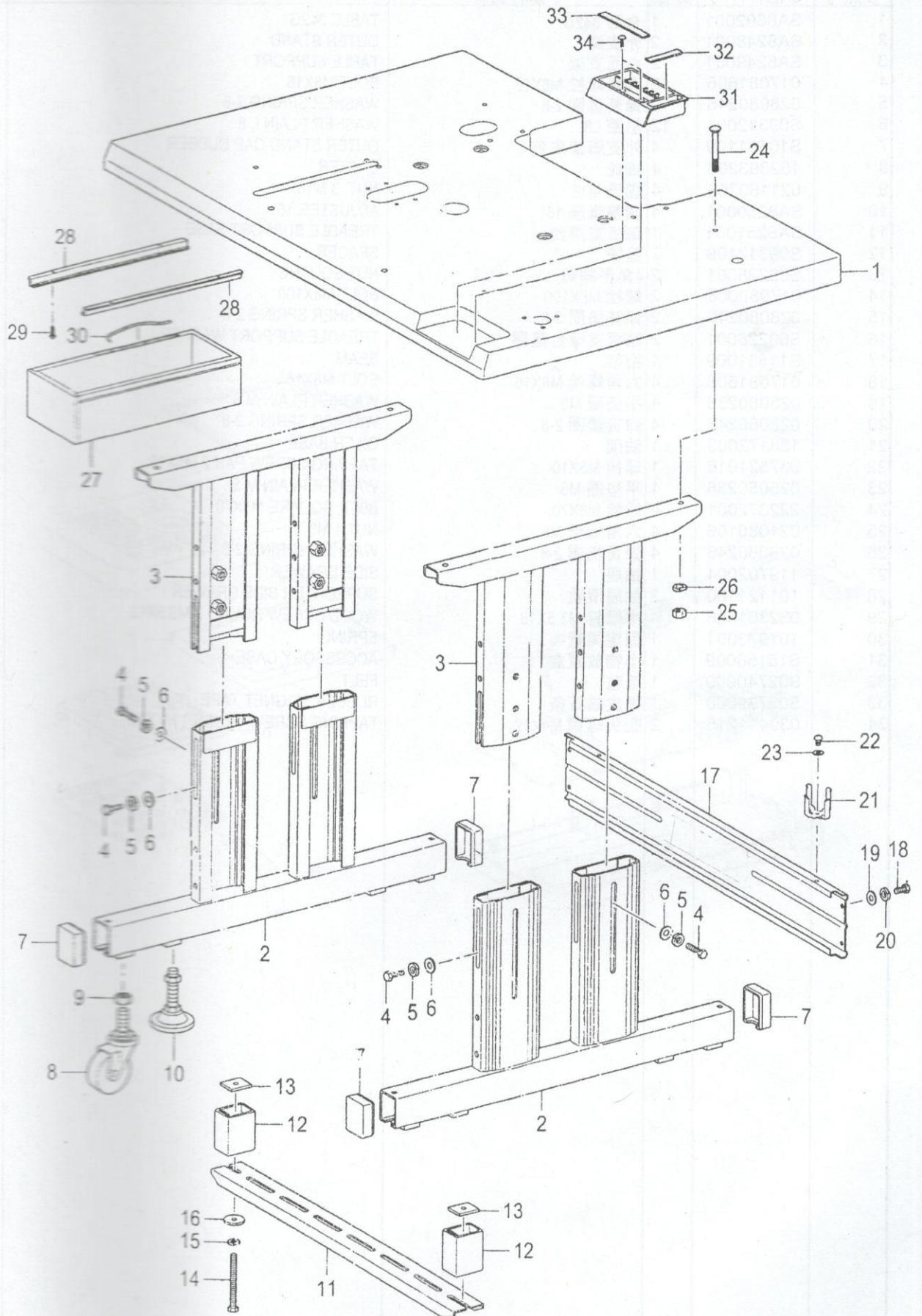
S. 马达装置 / Motor mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	J80991001	1	马达组件 CDD-430D	MOTOR ASSY CDD-430D	



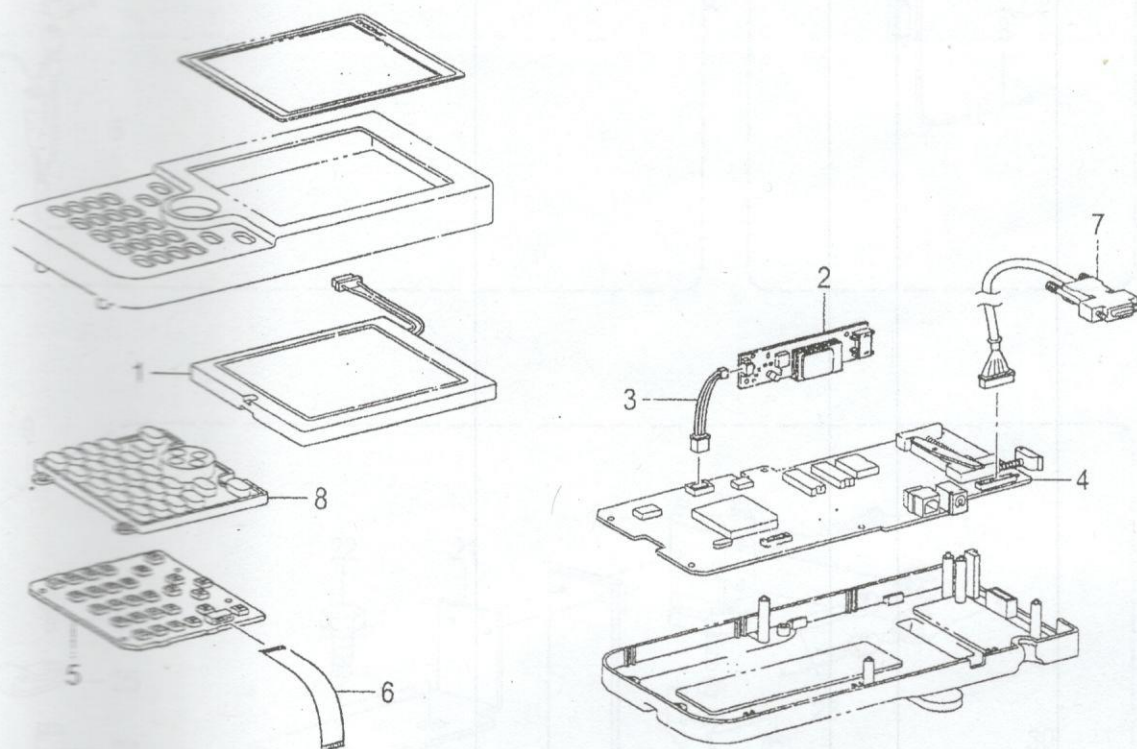
T. 踏板开关关系 / Foot switch pedal mechanism

参照号	零部件序号	数量	零部件名称	NAME OF PARTS
1	SA6038001	1	2连脚踏开关组件	2-PEDAL FOOT SWITCH, SW ASSY
2	S38168001	1	弹簧	SPRING, COMPRESSION 10X30
3	S38170001	2	弹簧	FOOT PEDAL SPRING
4	S36260000	3	开关 VX	PIN BUTTON MICRO SWITCH, VX
5	S38174000	2	脚踏板	FOOT PEDAL
6	S38175001	2	脚踏护板	PROTECTION PLATE, PEDAL
7	S38176101	2	弹簧板	SPRING, PLATE



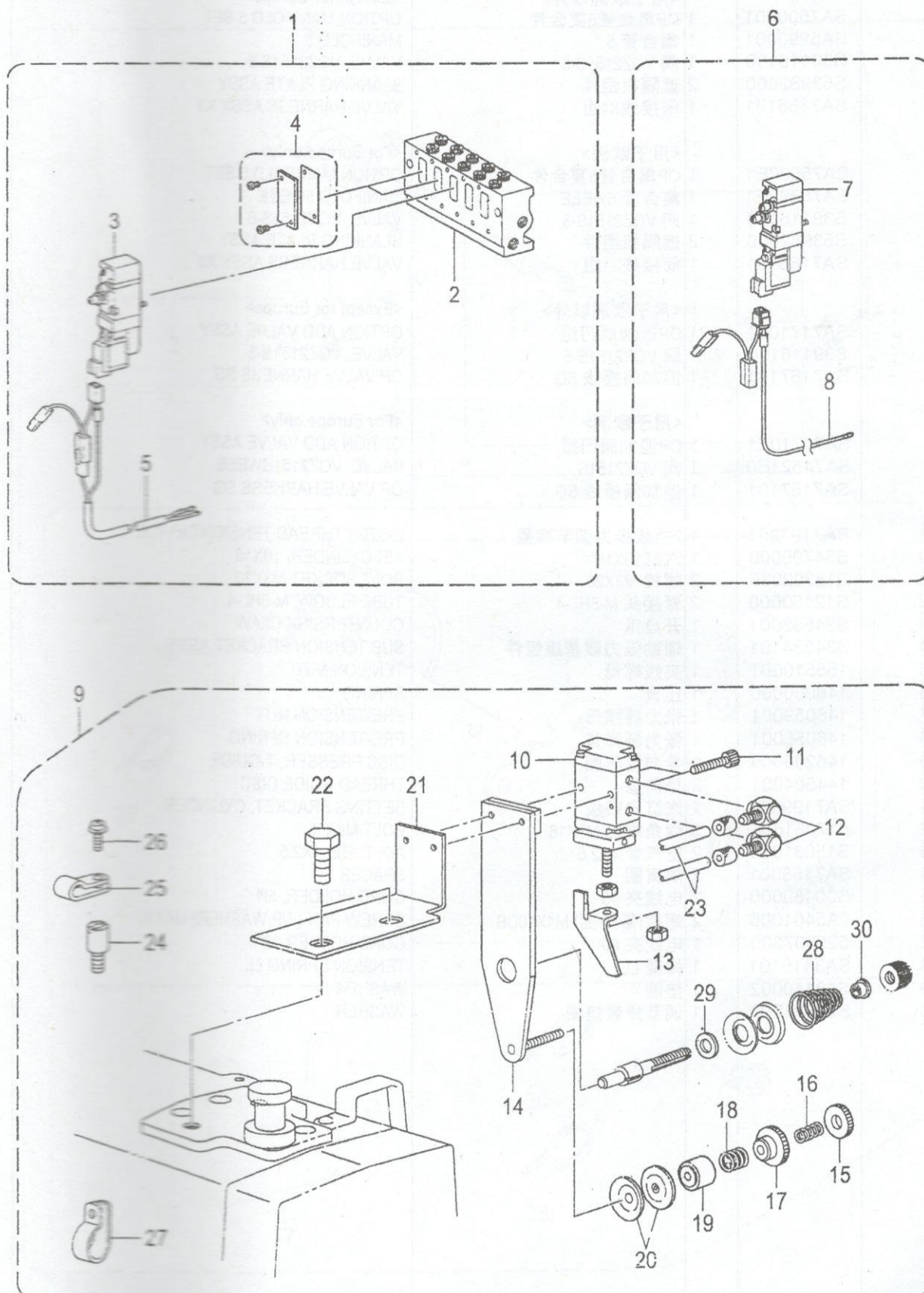
U. 动力台 / Power table

参照号	零部件序号	数量	零部件名称	NAME OF PARTS
1	SA8692001	1	台面 342G	TABLE 342G
2	SA8248001	2	外支脚	OUTER STAND
3	SA8249001	2	台面支架	TABLE SUPPORT
4	017081606	12	六角螺栓 M8X16	BOLT M8X16
5	028080246	12	弹簧垫圈 2-8	WASHER SPRING 2-8
6	S09312001	12	垫圈 L8	WASHER PLAIN L 8
7	S10661109	4	外支脚橡皮盖	OUTER STAND CAP RUBBER
8	152393200	4	脚轮	CASTER
9	021160303	4	螺母 M16	NUT, 3 M16
10	SA8250001	4	调整脚座 16	ADJUSTER 16
11	SA8251001	1	踏板支撑台	TREADLE SUPPORT BASE
12	S09317109	2	垫块	SPACER
13	S09225001	2	4角形螺母	NUT SQUARE
14	017080006	2	螺栓 M8X100	BOLT M8X100
15	028080246	2	弹簧垫圈 2-8	WASHER SPRING 2-8
16	S09226001	2	踏板支撑台垫圈	TREADLE SUPPORT WASHER
17	S11531009	1	桁架	BEAM
18	017081606	4	六角螺栓 M8X16	BOLT M8X16
19	025080236	4	平垫圈 M8	WASHER PLAIN M 8
20	028080246	4	弹簧垫圈 2-8	WASHER SPRING 2-8
21	133172003	1	油架	OILER BASE
22	037521016	1	螺销 M5X10	TAPPING SCREW PAN 2 M5X10
23	025050236	1	平垫圈 M5	WASHER PLAIN M 5
24	222372001	4	螺栓 M8X70	BOLT, SQUARE M8X70
25	021080106	4	六角螺母 M8	NUT 1 M8
26	028080246	4	弹簧垫圈 2-8	WASHER SPRING 2-8
27	119702004	1	抽屉	SIDE DRAWER
28	101121100	2	抽屉滑轨	SUPPORTER SIDE DRAWER
29	032361306	4	木螺钉 M3.5X13	WOOD SCREW ROUND 2 M3.5X13
30	101073001	1	固定弹簧	SPRING
31	S15158009	1	小物放置盒	ACCESSORY CASE
32	S02740000	1	毛毡	FELT
33	S02739000	1	橡皮磁石条	RUBBER MAGNET TAPE
34	039411215	2	圆头螺销 M4X12	TAPPING SCREW TRUSS 1 M4X12



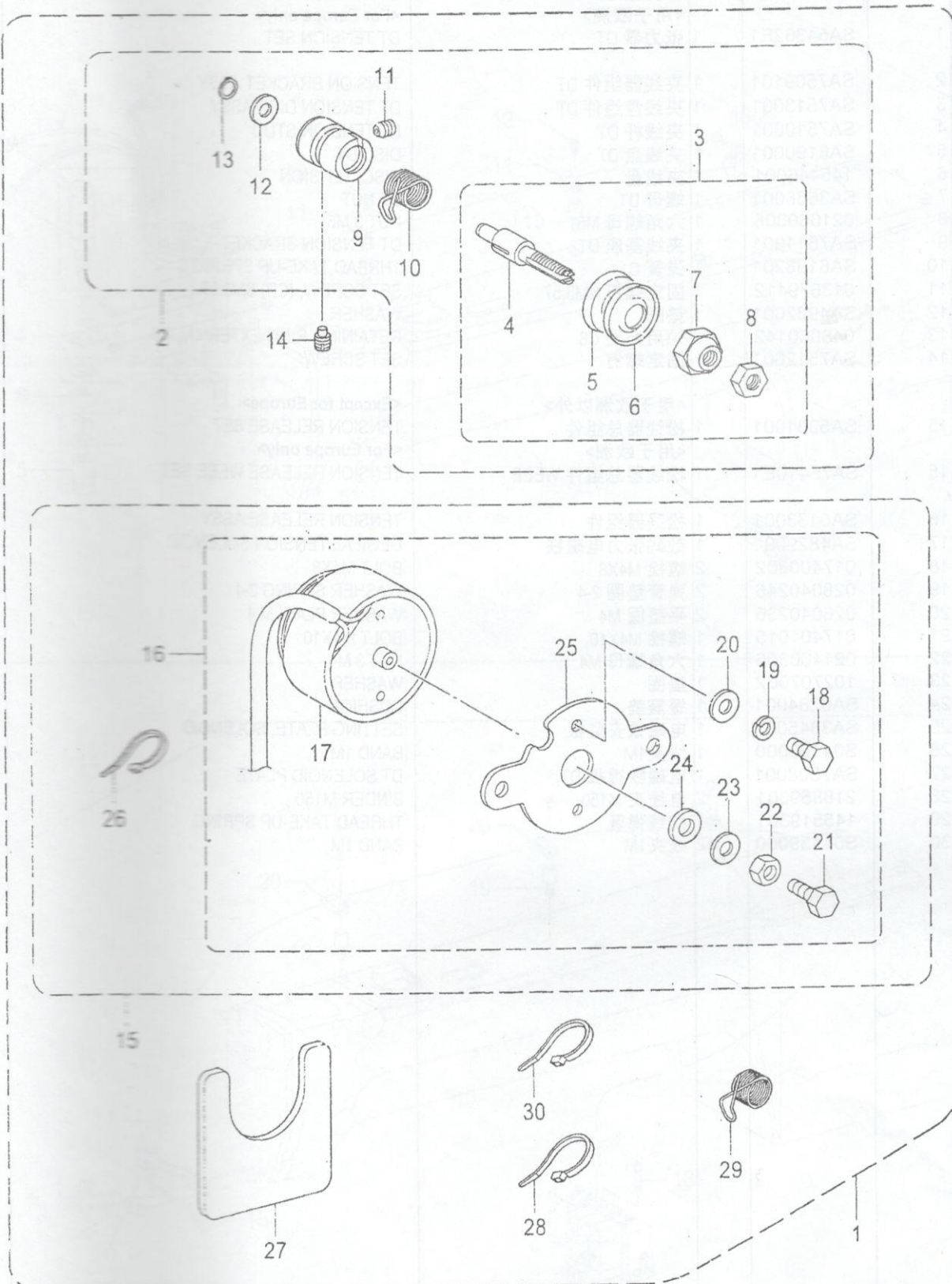
V. 编程装置 / Programmer

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA5164001	1	LCD 模数	LCD MODULE	
2	SA5165001	1	LCD变换器	LCD INVERTER	
3	SA5166001	1	变换器接线	INVERTER HARNESS	
4	SA5170001	1	编程器基板组件	PROGRAMMER PCB ASSY	
5	SA5172001	1	开关基板组件	SWITCH PCB ASSY	
6	XD1115051	2	FFC接线 20X70	FFC: SML2CD-20X70	
7	SA5167001	1	编程器接线	PROGRAMMER HARNESS	
8	SA4574001	1	键盘	KEYBOARD	



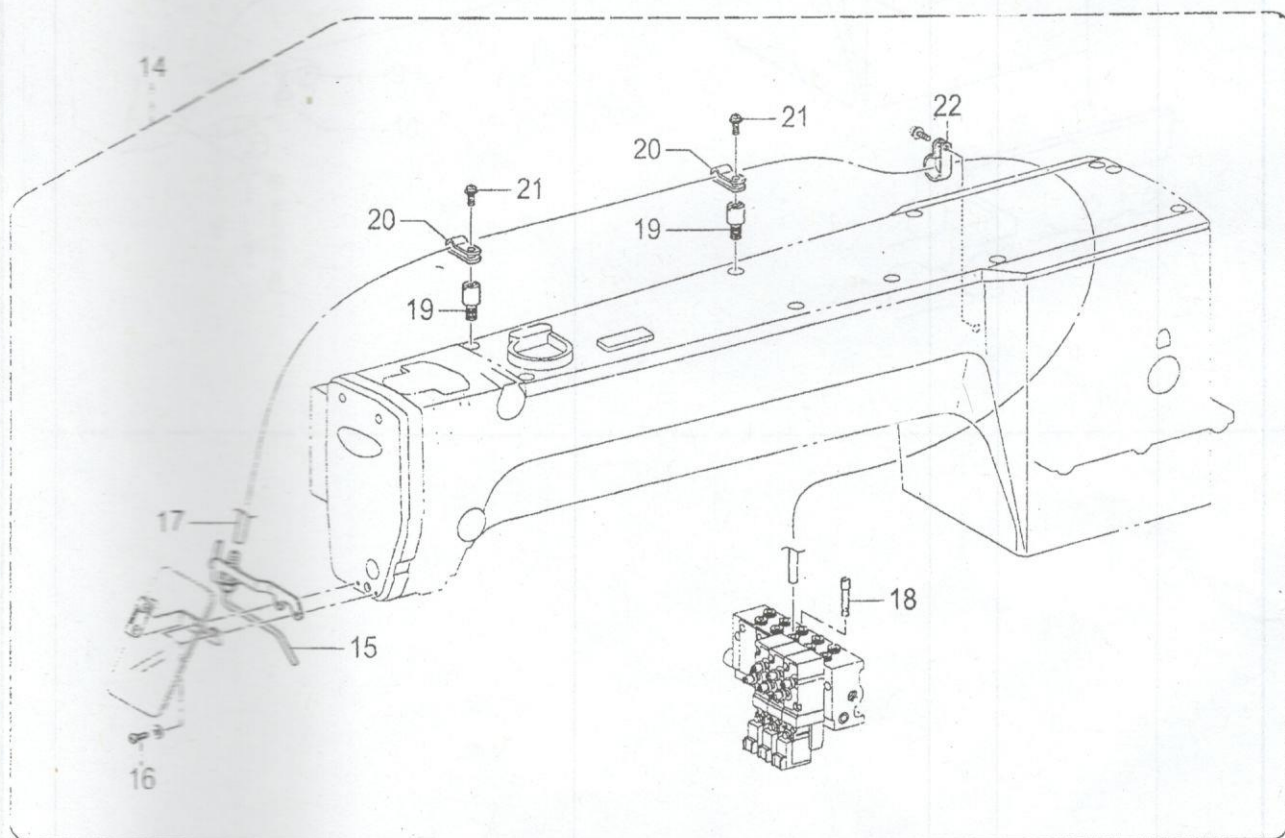
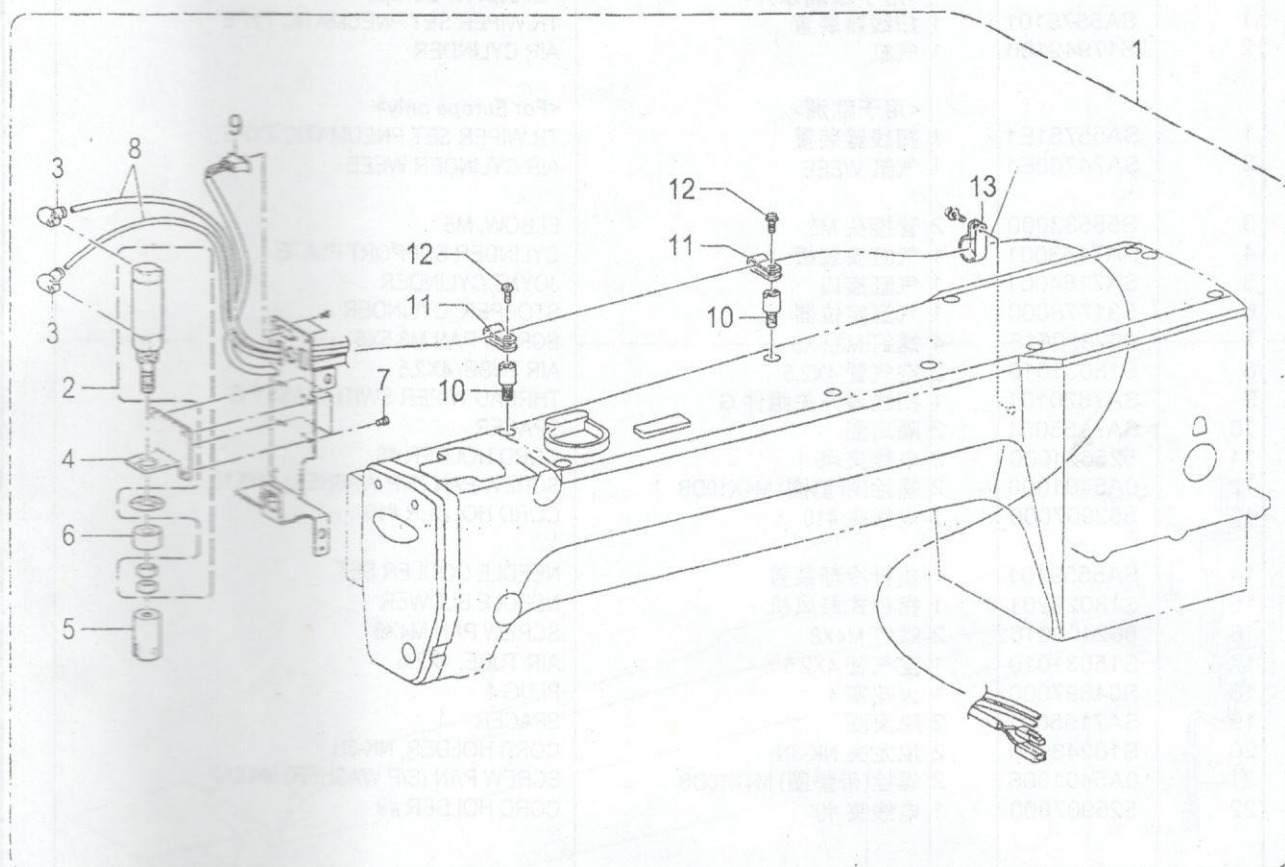
W1. 附属装置(选购件)/ Attachment set (Option parts)

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	R
			<用于欧洲以外>	<Except for Europe>	
1	SA7500001	1	OP集合管5复合件	OPTION MANIFOLD 5 SET	
2	SA5290001	1	集合管 5	MANIFOLD 5	
3	S39116100	1	阀 VQZ2151S-5	VALVE, VQZ2151S-5	
4	S53982000	2	遮隔板组件	BLANKING PLATE ASSY	
5	SA7166101	1	阀接线X1组	VALVE HARNESS ASSY X1	
			<用于欧洲>	<For Europe only>	
1	SA75000E1	1	OP集合管5复合件	OPTION MANIFOLD 5 SET	
2	SA75390E1	1	集合管 5WEEE	MANIFOLD 5WEEE	
3	S39116100	1	阀 VQZ2151S-5	VALVE, VQZ2151S-5	
4	S53982000	2	遮隔板组件	BLANKING PLATE ASSY	
5	SA7166101	1	阀接线X1组	VALVE HARNESS ASSY X1	
			<用于欧洲以外>	<Except for Europe>	
6	SA7171001	1	OP追加阀门组	OPTION ADD VALVE ASSY	
7	S39116100	1	阀 VQZ2151S-5	VALVE, VQZ2151S-5	
8	SA7167101	1	追加阀接线 SG	OP VALVE HARNESS SG	
			<用于欧洲>	<For Europe only>	
6	SA71710E1	1	OP追加阀门组	OPTION ADD VALVE ASSY	
7	SA74521E0	1	阀 VQZ2151S	VALVE, VQZ2151SWEEE	
8	SA7167101	1	追加阀接线 SG	OP VALVE HARNESS SG	
9	SA7197001	1	2挡线张力调节装置	2-STEP THREAD TENSION DEVICE	
10	S34706000	1	汽缸10X10	AIR CYLINDER, 10X10	
11	018302036	2	螺栓 M3X20	BOLT SOCKET M3X20	
12	S12150000	2	管接头 M-5HL-4	TUBE ELBOW, M-5HL-4	
13	S34533001	1	开盘爪	COUNTERSINK CLAW	
14	S34534101	1	辅助张力器基座组件	SUB TENSION BRACKET ASSY	
15	155510001	1	夹线螺母	TENSION NUT	
16	146060000	1	压簧	SPRING	
17	146059001	1	张力器螺母	PRE-TENSION NUT	
18	146058001	1	张力器弹簧	PRE-TENSION SPRING	
19	146206009	1	导向盘压圈	DISC PRESSER, T-GUIDE	
20	144504001	2	导向盘	THREAD GUIDE DISC	
21	SA7199001	1	汽缸安装板	SETTING BRACKET, CYLINDER	
22	017081606	2	六角螺栓 M8X16	BOLT M8X16	
23	S15031008	2	空气管 4X2.5	AIR TUBE, 4X2.5	
24	SA7155001	2	隔离圈	SPACER	
25	S00480000	2	电线夹 #5	CORD HOLDER, 5N	
26	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW-PAN (S/P WASHER) M4X10	
27	525907000	1	电线夹 #9	CORD HOLDER #9	
28	SA3416101	1	弹簧 LL	TENSION SPRING LL	
29	S48140002	1	垫圈	WASHER	
30	S20681000	1	调节弹簧垫圈	WASHER	



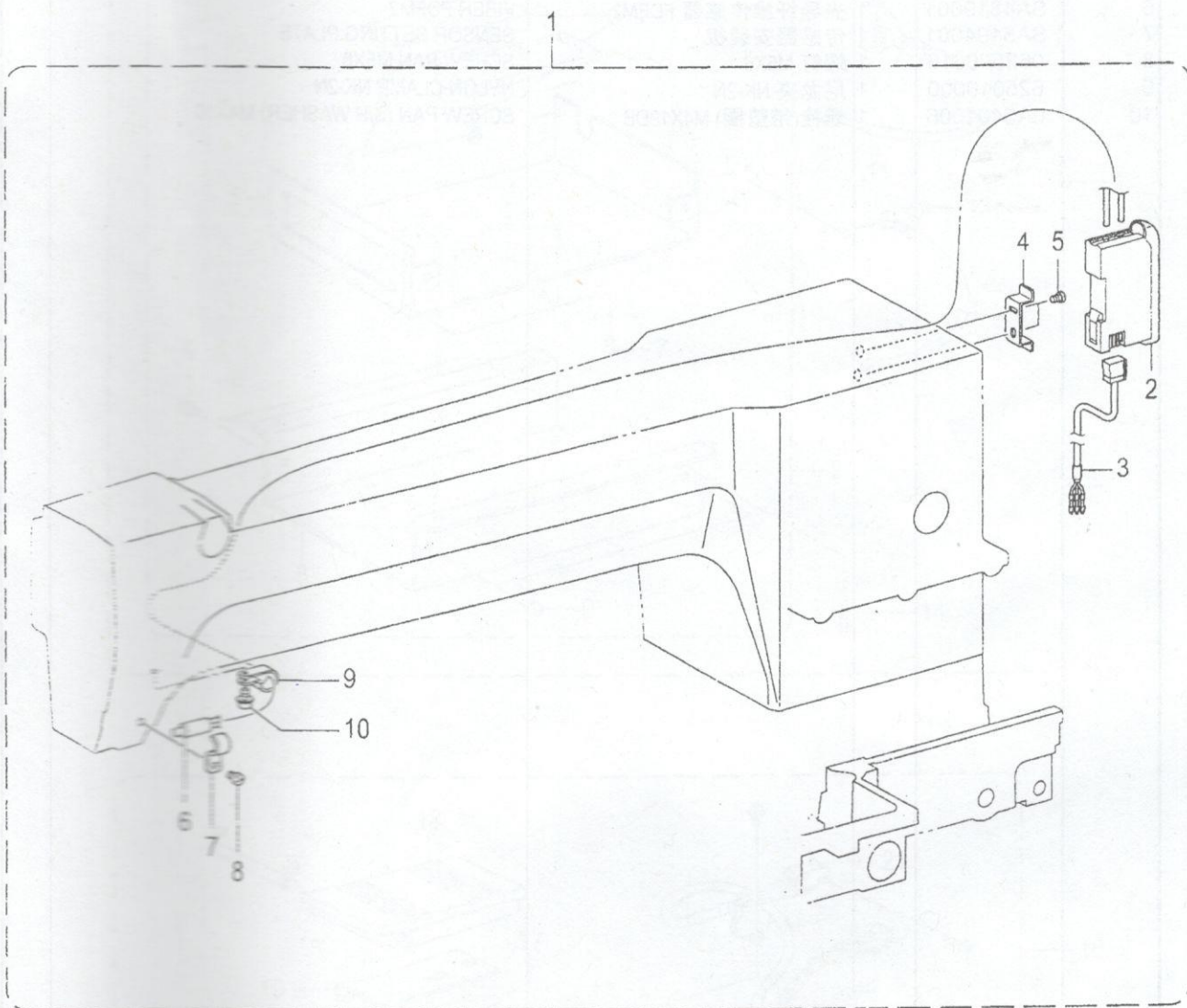
W2. 附属装置(选购件)/ Attachment set (Option parts)

参照号	零部件序号	数量	零部件名称	NAME OF PARTS
1	SA5436201	1	<用于欧洲以外> 张力器 DT	<Except for Europe> DT TENSION SET
1	SA54362E1	1	<用于欧洲> 张力器 DT	<For Europe only> DT TENSION SET
2	SA7509101	1	夹线器组件 DT	TENSION BRACKET ASSY
3	SA7513001	1	夹线盘组件 DT	DT TENSION DISC ASSY
4	SA7510001	1	夹线杆 DT	DT TENSION STUD
5	SA6190001	1	夹线盘 DT	DISC DT
6	145446001	1	夹线盘	DISC, TENSION
7	SA3638001	1	螺母 DT	DT NUT
8	021060306	1	六角螺母 M6	NUT 3 M6
9	SA7511001	1	夹线基座 DT	DT TENSION BRACKET
10	SA6193201	1	弹簧 C	THREAD TAKE-UP SPRING C
11	013679412	1	固定螺钉 SM3.57	SET SCREW, (CP) SM3.57
12	SA4932001	1	垫圈	WASHER
13	048060142	1	轴用挡圈 C6	RETAINING RING EXTERNAL C6
14	SA7512001	1	固定螺钉	SET SCREW
15	SA5331001	1	<用于欧洲以外> 松线器总组件	<Except for Europe> TENSION RELEASE SET
15	SA75410E1	1	<用于欧洲> 松线器总组件 WEEE	<For Europe only> TENSION RELEASE WEEE SET
16	SA5133001	1	松线器组件	TENSION RELEASE ASSY
17	SA4829001	1	数码张力电磁铁	DIGITAL TENSION SOLENOID
18	017400802	2	螺栓 M4X8	BOLT M4X8
19	028040246	2	弹簧垫圈 2-4	WASHER SPRING 2-4
20	026040236	2	平垫圈 M4	WASHER PLAIN M 4
21	017401015	1	螺栓 M4X10	BOLT M4X10
22	021400306	1	六角螺母 M4	NUT 3 M4
23	102707002	1	垫圈	WASHER
24	SA6284001	1	缓震垫	CUSHION
25	SA3345001	1	电磁铁安装板	SETTING PLATE, SOLENOID
26	S04159000	1	线夹1M	BAND 1M
27	SA7508001	1	电磁铁撑板 DT	DT SOLENOID PLATE
28	218859001	2	电线夹 M150	BINDER M150
29	145519301	1	挑线弹簧	THREAD TAKE-UP SPRING
30	S04159000	2	线夹1M	BAND 1M



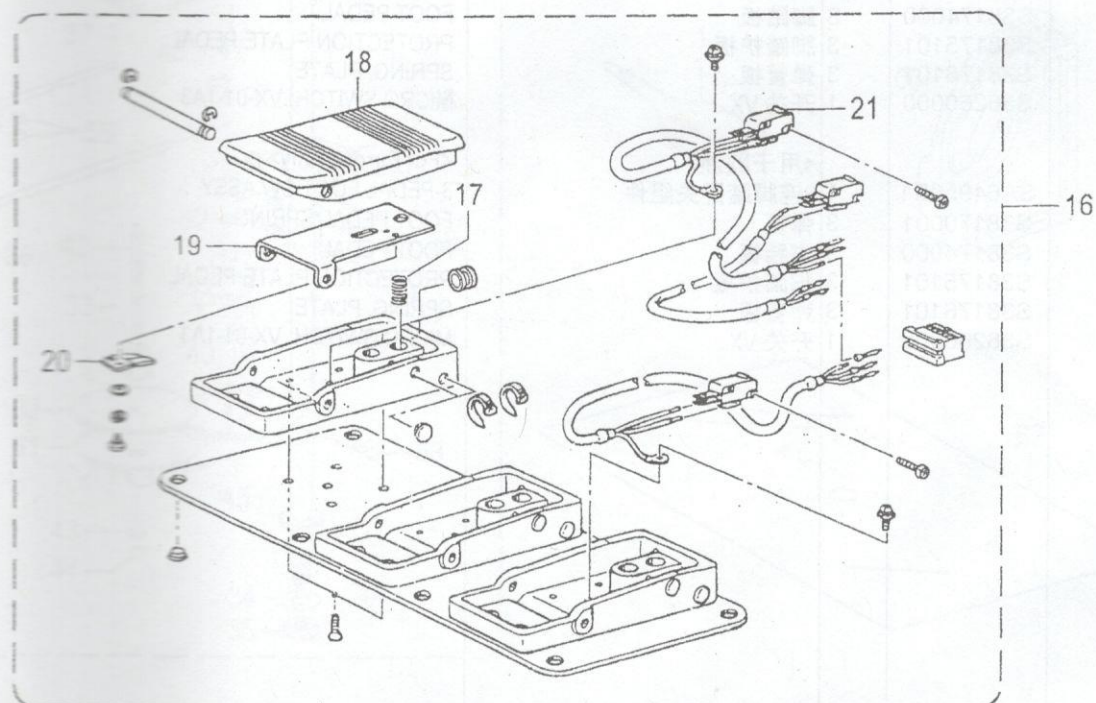
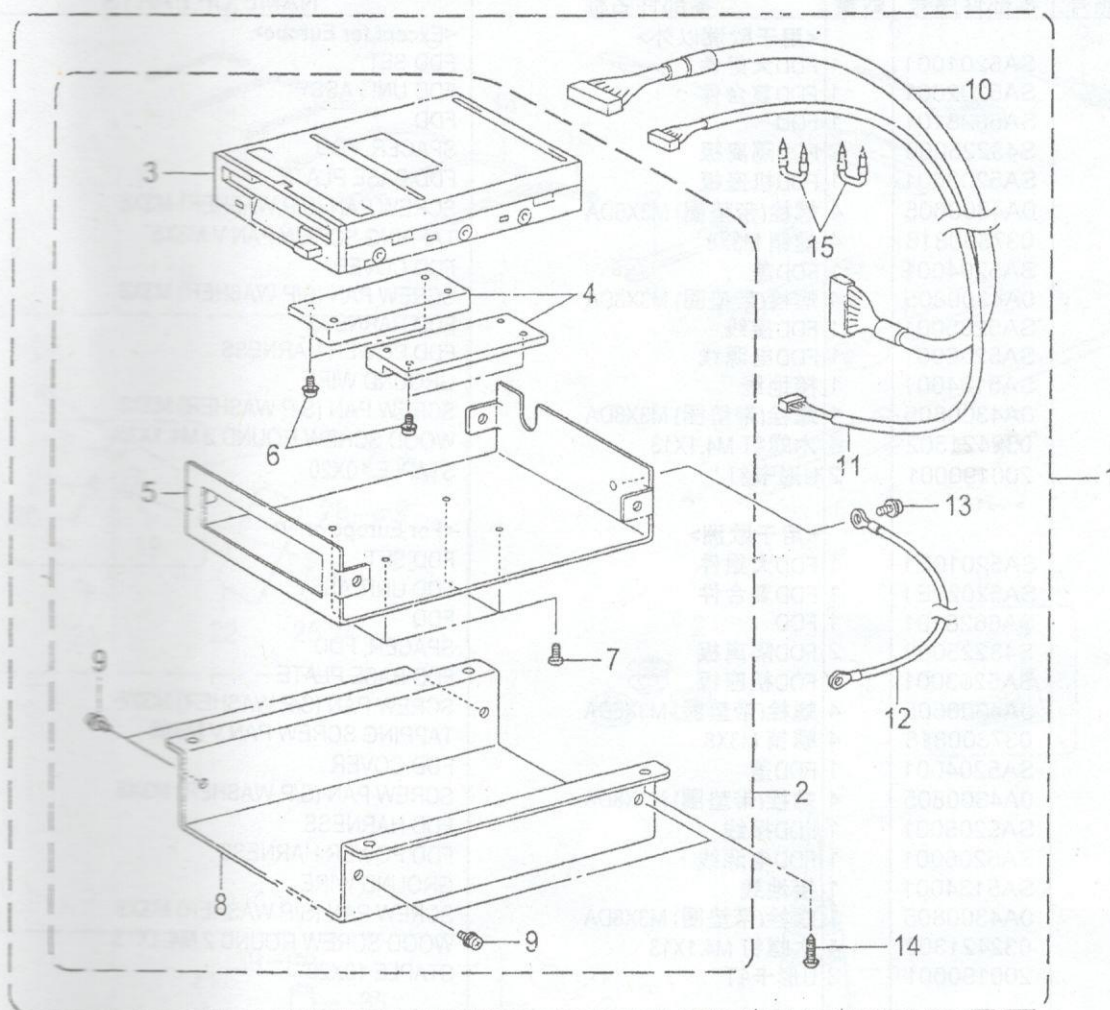
W3. 附属装置(选购件)/ Attachment set (Option parts)

参照号	零部件序号	数量	零部件名称	NAME OF PARTS
			<用于欧洲以外>	<Except for Europe>
1	SA5575101	1	扫线器装置	TR.WIPER SET PNEUMATIC TYPE
2	S17942100	1	气缸	AIR CYLINDER
			<用于欧洲>	<For Europe only>
1	SA55751E1	1	扫线器装置	TR.WIPER SET PNEUMATIC TYPE
2	SA74700E1	1	气缸 WEEE	AIR CYLINDER WEEE
3	S55533000	2	管接头 M5	ELBOW, M5
4	SA7163001	1	气缸安装板	CYLINDER SUPPORT PLATE
5	SA7164001	1	气缸接口	JOYNT CYLINDER
6	S31778000	1	气缸定位器	STOPPER, CYLINDER
7	062350616	4	螺钉 M3.5X6	SCREW PAN M3.5X6
8	S15031010	2	空气管 4X2.5	AIR TUBE; 4X2.5
9	SA7620101	1	扫线器开关组件 G	THREAD WIPER SWITCH ASSY G
10	SA7155001	2	隔离圈	SPACER
11	525664000	2	电线夹 #6	CORD HOLDER #6
12	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10
13	552907000	1	电线夹 #10	CORD HOLDER #10
14	SA5559101	1	机针冷却装置	NEEDLE COOLER SET
15	S18027201	1	指针式鼓风机	NEEDLE BLOWER
16	062400816	2	螺钉 M4X8	SCREW PAN M4X8
17	S15031010	1	空气管 4X2.5	AIR TUBE, 4X2.5
18	S04897000	1	火花塞 4	PLUG 4
19	SA7155001	2	隔离圈	SPACER
20	S10243000	2	尼龙夹 NK-3N	CORD HOLDER, NK-3N
21	0A5401006	2	螺栓(带垫圈) M4X10DB	SCREW PAN (S/P WASHER) M4X10
22	525907000	1	电线夹 #9	CORD HOLDER #9



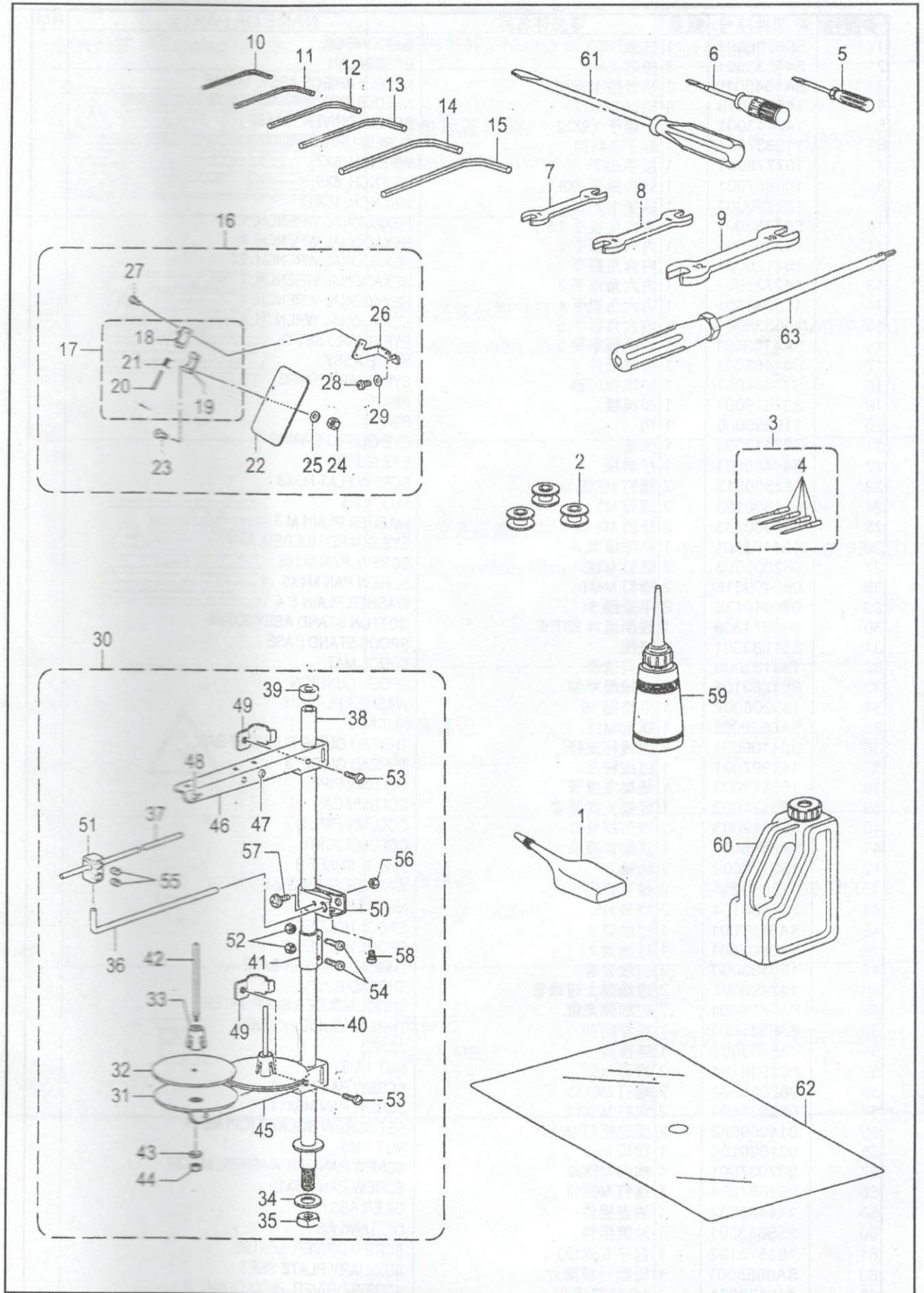
W4. 附属装置(选购件)/ Attachment set (Option parts)

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	SA5193101	1	<用于欧洲以外> 断线传感装置组件 F	<Except for Europe> TR-BREAKAGE DETECTOR SET F	
1	SA51931E1	1	<用于欧洲> 断线传感装置组件 F	<For Europe only> TR-BREAKAGE DETECTOR SET F	
2	SA4816001	1	信号放大器 FX311	FIBER AMP FX311	
3	SA4817001	1	电缆线组件	AMP CABLE ASSY	
4	SA4818001	1	放大器安装支架	DIN METAL FITTING	
5	062300616	2	螺钉 M3X6	SCREW PAN M3X6	
6	SA4819001	1	光导纤维传感器 FDFM2	FIBER FDFM2	
7	SA5194001	1	传感器安装板	SENSOR SETTING PLATE	
8	062500616	1	螺钉 M5X6	SCREW PAN M5X6	
9	625010000	1	尼龙夹 NK-2N	NYLON CLAMP NK-2N	
10	0A5401006	1	螺栓(带垫圈) M4X10D6	SCREW PAN (S/P WASHER) M4X10	



W5. 附属装置(选购件)/ Attachment set (Option parts)

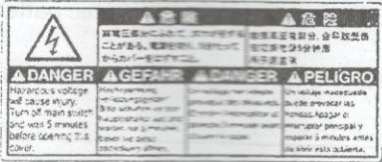
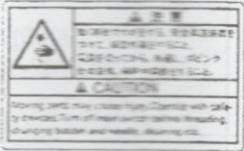
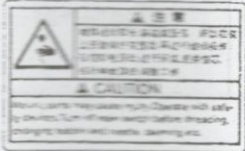
参照号	零部件序号	数量	零部件名称	NAME OF PARTS	R
			<用于欧洲以外>	<Except for Europe>	
1	SA5201001	1	FDD大组件	FDD SET	
2	SA5202001	1	FDD复合件	FDD UNIT ASSY	
3	SA6628101	1	FDD	FDD	
4	S43225000	2	FDD隔离板	SPACER, FDD	
5	SA5203001	1	FDD机座板	FDD BASE PLATE	
6	0A4300605	4	螺栓(带垫圈) M3X6DA	SCREW PAN (S/P WASHER) M3X6	
7	037300816	4	螺销 M3X8	TAPPING SCREW PAN V M3X8	
8	SA5204001	1	FDD盖	FDD COVER	
9	0A4300805	4	螺栓(带垫圈) M3X8DA	SCREW PAN (S/P WASHER) M3X8	
10	SA5205001	1	FDD接线	FDD HARNESS	
11	SA5206001	1	FDD电源线	FDD POWER HARNESS	
12	SA5134001	1	接地线	GROUND WIRE	
13	0A4300805	1	螺栓(带垫圈) M3X8DA	SCREW PAN (S/P WASHER) M3X8	
14	032421302	4	木螺钉 M4.1X13	WOOD SCREW ROUND 2 M4.1X13	
15	200190001	2	U形卡钉	STAPLE 10X20	
			<用于欧洲>	<For Europe only>	
1	SA52010E1	1	FDD大组件	FDD SET	
2	SA52020E1	1	FDD复合件	FDD UNIT ASSY	
3	SA6628101	1	FDD	FDD	
4	S43225000	2	FDD隔离板	SPACER, FDD	
5	SA5203001	1	FDD机座板	FDD BASE PLATE	
6	0A4300605	4	螺栓(带垫圈) M3X6DA	SCREW PAN (S/P WASHER) M3X6	
7	037300816	4	螺销 M3X8	TAPPING SCREW PAN V M3X8	
8	SA5204001	1	FDD盖	FDD COVER	
9	0A4300805	4	螺栓(带垫圈) M3X8DA	SCREW PAN (S/P WASHER) M3X8	
10	SA5205001	1	FDD接线	FDD HARNESS	
11	SA5206001	1	FDD电源线	FDD POWER HARNESS	
12	SA5134001	1	接地线	GROUND WIRE	
13	0A4300805	1	螺栓(带垫圈) M3X8DA	SCREW PAN (S/P WASHER) M3X8	
14	032421302	4	木螺钉 M4.1X13	WOOD SCREW ROUND 2 M4.1X13	
15	200190001	2	U形卡钉	STAPLE 10X20	
			<用于欧洲以外>	<Except for Europe>	
16	SA6495001	1	3连脚踏开关组件	3-PEDAL FOOT SW ASSY	
17	S38170001	3	弹簧	FOOT PEDAL SPRING	
18	S38174000	3	脚踏板	FOOT PEDAL	
19	S38175101	3	脚踏护板	PROTECTION PLATE PEDAL	
20	S38176101	3	弹簧板	SPRING, PLATE	
21	S36260000	1	开关 VX	MICRO SWITCH: VX-01-1A3	
			<用于欧洲>	<For Europe only>	
16	SA64950E1	1	3连脚踏开关组件	3-PEDAL FOOT SW ASSY	
17	S38170001	3	弹簧	FOOT PEDAL SPRING	
18	S38174000	3	脚踏板	FOOT PEDAL	
19	S38175101	3	脚踏护板	PROTECTION PLATE PEDAL	
20	S38176101	3	弹簧板	SPRING, PLATE	
21	S36260000	1	开关 VX	MICRO SWITCH: VX-01-1A3	



Z. 附件 / Accessories

参照号	零部件序号	数量	零部件名称	NAME OF PARTS	RM
1	S06706001	1	硅油	SILICONE OIL	
2	S44633001	3	梭芯 LAN	BOBBIN LAN	
3	SA1645019	1	机针组 145646	NEEDLE 4PIECE ASSY, 145646	
4	145646019	4	机针 DPX17	NEEDLE, DPX17	
5	142443001	1	小起子 1.9X52	SCREW-DRIVER, 1.9X52	
6	118837001	1	起子 3.4X70	SCREW-DRIVER, 3.4X70	
7	107779001	1	扳手 6X7	WRENCH, 6X7	
8	100887001	1	双头扳手 8X9	WRENCH, 8X9	
9	107780001	1	扳手 10X12	WRENCH, 10X12	
10	S07783001	1	内六角扳手 1.5	HEXAGONAL WRENCH, 1.5	
11	142002001	1	内六角扳手 2	HEXAGONAL WRENCH, 2	
12	154125001	1	内六角扳手 2.5	HEXAGONAL WRENCH, 2.5	
13	142721001	1	内六角扳手 3	HEXAGONAL WRENCH, 3	
14	118064001	1	内六角扳手 4	HEXAGONAL WRENCH, 4	
15	150335001	1	内六角扳手 5	HEXAGONAL WRENCH, 5	
16	SA4103001	1	护眼板组件 D	EYE GUARD SET D	
17	S44483001	1	铰链组件	HINGE ASSY	
18	S44484001	1	护眼板铰链	EYE GUARD HINGE	
19	S37619001	1	铰链板	HINGE	
20	119255000	1	销	PIN	
21	S37113001	1	弹簧	EYE GUARD SPRING	
22	S44485001	1	护眼板	EYE GUARD	
23	061300813	2	螺钉 M3X8	SCREW FLAT M3X8	
24	021300103	2	螺母 M3	NUT, 1 M3	
25	026030233	2	垫圈 M3	WASHER PLAIN M 3	
26	SA4104001	1	护眼板架 A	EYE GUARD HOLDER, A	
27	062300503	2	螺钉 M3X5	SCREW, PAN M3X5	
28	062400616	2	螺钉 M4X6	SCREW PAN M4X6	
29	026040136	2	平垫圈 S4	WASHER PLAIN S 4	
30	S40574309	1	线架组件 2DTHF	COTTON STAND ASSY 2DTHF	
31	S51283001	2	垫圈	SPOOL STAND BASE	
32	150182000	2	线盘软垫	SPOOL MAT	
33	S51282101	2	线轴缓冲架	SPOOL CUSHION	
34	150206002	1	平垫圈 16	WASHER PLAIN 16	
35	SA6629001	1	螺母 M16	NUT M16	
36	S04109001	1	过线杆支杆	THREAD GUIDE SUPPORT BAR	
37	142997001	1	过线杆 3	THREAD GUIDE, 3	
38	150172003	1	线架支撑管	COLUMN PIPE	
39	150174000	1	线架支撑管套	COLUMN CAP	
40	156112003	1	线架撑管 D	COLUMN PIPE D	
41	SA6606001	1	线架管接头	COLUMN JOINT	
42	150179002	2	线轴 B	SPOOL SHAFT B	
43	028050244	2	弹簧垫圈 2-5	WASHER SPRING 2-5	
44	021500104	2	螺母 M5	NUT 1 M5	
45	SA6607001	1	过线架 2	SPOOL HOLDER 2	
46	SA6607001	1	过线架 2	SPOOL HOLDER 2	
47	150183000	2	过线管套	THREAD HANGER BASE	
48	142990001	2	过线架上过线管	THREAD BUSH	
49	SA6609001	2	过线架定位	SPOOL HOLDER SUPPORTER	
50	SA6615001	1	线导向架	THREAD GUIDE HOLDER	
51	138843001	1	连接器	JOINT	
52	021500104	2	螺母 M5	NUT 1 M5	
53	062061604	2	螺钉 M6X16	SCREW PAN M6X16	
54	062501404	2	螺钉 M5X14	SCREW PAN M5X14	
55	014060632	2	固定螺钉 M6X6	SET SCREW SOCKET (CP) M6X6	
56	021500104	1	螺母 M5	NUT 1 M5	
57	S37037001	1	螺钉 M5X32	SCREW PAN (S/P WASHER) M5X32	
58	062061004	1	螺钉 M6X10	SCREW PAN M6X10	
59	114483002	1	油壶组件	OILER ASSY	
60	S55663001	1	油罐组件	OIL TANK ASSY	
61	101572102	1	起子 5.5X190	SCREW-DRIVER 5.5X190	
62	SA8855001	1	辅助针板薄片	AUXILIARY PLATE SEET	
63	149173001	1	六角杆起子 3	SCREW-DRIVER, HEXAGONAL 3	

Wa. 警告标签 / Warning labels

警告标签 / Warning labels	零部件名称 / Name of parts	尺寸 / Size(mm)	零部件序号 / Code
	感电标签(6国) Label, elec. shock 6 lang	50 X 118	J04115-001
	操作注意标签 (日 / 英) Label, caution Jpn / Eng	52 X 84	SA0792-001
	操作注意标签 (中 / 英) Label, caution Chn / Eng	52 X 84	SA0793-001
	警告标记 Mark, injury	L=25 R=1.2	S36924-002
	接地标记 Label, grounding	φ 12	S37060-001
	PE标记 Label, PE	7.5 X 12.5	S37059-001

Ap. 不同用途零部件一览表 / Parts list sorted by application

BAS-342G还预备了下列零部件，请在各种领域中使用。

◎表中的零部件是与 BAS-311G, 326G (直接驱动式程序电脑花式机) 通用的。

◎表中带有 ☆ 记号的零部件是与 BAS-341F, 342F (程序电脑花式机) 通用的。

The following parts are available for the BAS-342G to enable use for a wide range of applications.

◎The parts in the table are common to the BAS-311G and BAS-326G (Direct drive programmable electronic pattern sewers).

◎In the following table, parts marked with ☆ are common to the BAS-341F and BAS-342F (Programmable electronic pattern sewers with cylinder bed).

名称 Part name	用途 Use	厚布料 Heavy-weight materials	中厚布料 Medium-weight materials	安全气囊 Airbag
(J-66) 针孔板 Needle hole plate 		(φ2.4) SA3336-101	(φ2.2) SA5221-001	(φ3.0) SA5222-101
(E-47) 梭芯套组件 Bobbin case assy 		S59221-201 < LC > ☆		S59222-201 < LD >
(E-48) 夹线簧 Tension spring 		S48664-001 < AN > ☆		S16075-101 < B >
(E-49) 螺钉 Screw 		S16492-101		
(E-50) 防空转弹簧 Anti-spin spring 		S15667-001		
(E-51) 梭芯 Bobbin 		S44633-001 < LAN >		S15666-001 < LB >
(E-52) 中旋梭组件 Shuttle hook assy, w/box 		☆ SA8197-101 < LH >	☆ SA2173-301 < LF >	SA8197-101 < LH >
(E-46) 外旋梭 Shuttle race base 		☆ 152686-201 < B >	☆ 152682-201 < A >	152686-201 < B >
(G-12) 调节弹簧 Spring, tension 		☆ 107606-101	☆ 104525-101	107606-101
(G-8) 挑线弹簧 Thread take-up spring 		☆ 144588-301	☆ 145519-301	144588-301

Ap . 不同用途零部件一览表 / Parts list sorted by application

BAS-342G还预备了下列零部件，请在各种领域中使用。

◎表中的零部件是与 BAS-311G, 326G (直接驱动式程序电脑花式机)通用的。

◎表中带有 ☆ 记号的零部件是与 BAS-341F, 342F (程序电脑花式机)通用的。

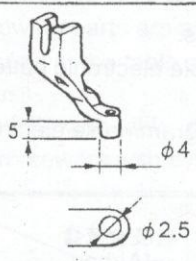
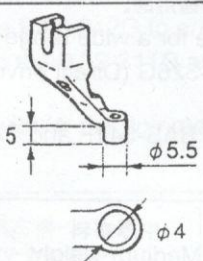
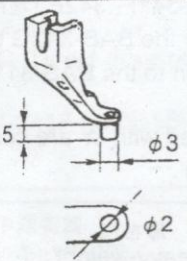
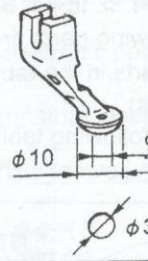
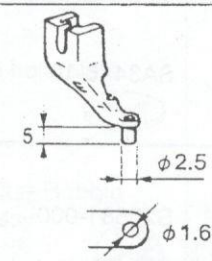
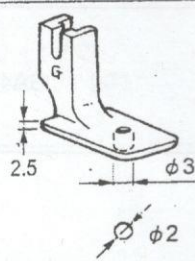
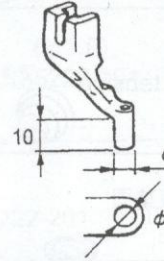
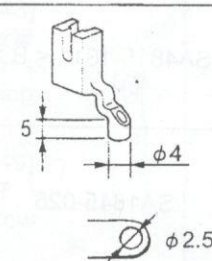
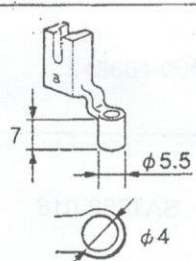
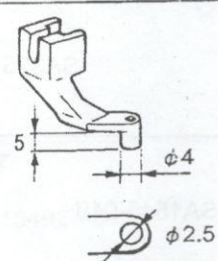
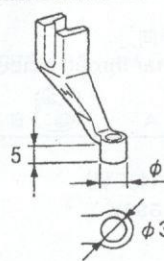
The following parts are available for the BAS-342G to enable use for a wide range of applications.

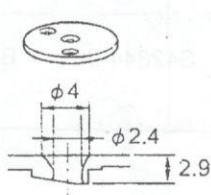
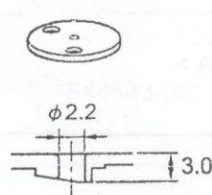
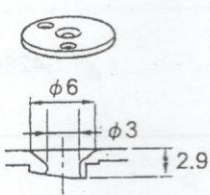
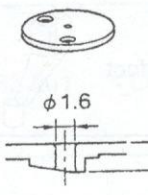
◎The parts in the table are common to the BAS-311G and BAS-326G (Direct drive programmable electronic pattern sewers).

◎In the following table, parts marked with ☆ are common to the BAS-341F and BAS-342F (Programmable electronic pattern sewers with cylinder bed).

名称 Part name	用途 Use	厚布料 Heavy-weight materials	中厚布料 Medium-weight materials	安全气囊 Airbag
(G-21) 弹簧 Spring, tension		SA4146-101		SA3416-101
(W1-30) 调节弹簧垫圈 Washer		—		S20681-000
(G-25) 针杆线导向 Needle bar thread guide		SA3257-101 < A >		SA4815-101 < B >
(Z-3) 机针组件(4支装) Needle assy		☆ SA1645-019	☆ SA1752-016	☆ SA1645-025
(B-32, Z-4) 机针 Needle		☆ DP X 17 <#19> 145646-019	☆ DP X 5 <#16> 107415-016	☆ DP X 17 <#25> 145646-025
(D1-61) 压脚 Presser foot		☆ S42843-001 < A >		☆ S42844-001 < B >

Ga . 工模具一览表 / Gauge parts list

压脚 / Presser foot			
A / S42843-001 *	B / S42844-001	C / S42845-001	D / S42846-001
			
E / S42847-001	F / 157237-001	G / 158592-001	J / S42848-001
			
A-CUT / S40214-001	B-L / S49448-001	XA / S42849-101	H / SA4811-001
			

针孔板 / Needle hole plate			
2.4 C0.4 / SA3336-101 *	2.2 / SA5221-001	3.0 C1.5 / SA5222-101	1.6 / SA7191-001
			

印有 * 记号的为标准零部件

The * symbol is for Standard parts.

索引 / Index

CODE	REF.NO	Page	CODE	REF.NO	Page	CODE	REF.NO	Page	CODE	REF.NO	Page
004300513	A1 -17	2	017401015	W2 -21	60	021500106	R -17	48	062060816	F -21	22
012060536	B -33	8	017401415	L -5	36	025030236	J -65	32	062061004	Z -58	68
	D1 -59	16	018061236	C2 -28	18		J -70	32	062061016	A1 -14	2
	E -6	20	018064031	A2 -23	6	025040236	D2 -12	13		F -3	22
012060636	A1 -39	2	018066036	C1 -17	10		F -74	24		H -38	28
	A2 -2	6	018081636	R -9	48		K -11	34	062061604	Z -53	68
	A2 -11	6	018087036	A2 -7	6		M1 -18	38	062061616	A1 -44	2
	A2 -26	6		A2 -13	6	025050236	L -13	36	062300416	C1 -36	10
	B -24	8	018300536	C1 -4	10		R -15	48		D1 -20	16
	B -49	8		C1 -8	10		U -23	54		J -64	32
	C2 -12	12	018300836	C3 -36	14	025050336	R -16	48		J -71	32
	C2 -15	12	018301036	C1 -10	10	025080132	A2 -29	6	062300503	Z -27	68
	C2 -26	12	018302036	W1 -11	58	025080236	U -19	54	062300506	A1 -20	2
	C2 -28	12	018400636	D2 -17	18	025350332	A1 -30	2	062300616	E -29	20
	C2 -40	12		F -7	22	026030136	E -28	20		K -7	34
	C2 -47	12		R -8	48	026030233	Z -25	68		W4 -5	64
	C3 -10	14	018400836	C1 -2	10	026040136	F -24	22	062300816	Q -6	46
	C3 -14	14		C1 -6	10		Z -29	68	062350616	H -8	28
	D1 -14	16		C2 -50	12	026040236	J -7	30		W3 -7	62
	D1 -24	16		D1 -52	16		L -4	36	062400616	D1 -6	16
	D1 -30	16		K -10	34		W2 -20	60		D2 -11	18
	D1 -36	16	018401036	C1 -19	10	028030246	J -69	32		D2 -30	18
	D2 -7	18		C1 -26	10	028040246	F -75	24		F -4	22
	D2 -15	18		D2 -5	18		J -8	30		F -8	22
	D2 -19	18	018401236	C1 -12	10		L -3	36		F -23	22
	D2 -25	18	018401636	B -27	8		W2 -19	60		Z -28	68
	D2 -27	18	018402036	E -12	20	028050244	Z -43	68	062400816	B -22	8
	E -9	20		F -72	24	028050246	J -50	30		B -35	8
	E -16	20	018402536	D1 -64	16		P -22	44		C2 -33	12
	E -18	20	018501036	D2 -3	18	028060246	A2 -20	6		W3 -16	62
	G -28	26	018501236	C1 -14	10	028080246	A2 -8	6	062401006	A1 -23	2
	J -46	30		E -43	20		A2 -14	6		B -47	8
	J -54	30		J -49	30		U -5	54	062401016	B -52	8
012061036	E -20	20	018501636	B -3	8		U -15	54		C1 -37	10
	E -41	20		B -50	8		U -20	54	062401216	H -13	28
012400436	D1 -25	16		C2 -38	12		U -26	54	062500616	G -2	26
	D1 -31	16		C2 -45	12	032361306	A2 -4	6		G -4	26
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	J -9	30		A2 -24	6	032422003	P -27	44		W4 -8	64
012500536	B -21	8		D1 -10	16		P -30	44	062500816	C3 -37	14
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	B -44	8		J -23	30	037521016	U -22	54	062670412	G -31	26
	C2 -5	12		J -34	30	039411215	U -34	54	070696800	D2 -22	18
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	E -45	20		J -25	30	048040342	C3 -17	14	081007070	L -17	36
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014060632	Z -55	68	021080106	U -25	54	048050342	H -10	28		W5 -13	66
016061031	D2 -14	18	021160303	U -9	54		H -19	28	0A5401005	P -8	44
017061213	D1 -12	16	021300103	A1 -21	2	048060142	C3 -20	14	0A5401006	A1 -42	2
017061612	D1 -48	16		Z -24	68		W2 -13	60		A1 -46	2
017065002	D1 -49	16	021400106	M1 -17	38	048060342	A2 -30	6		A1 -48	2
017080006	U -14	54	021400206	A1 -56	2	048080142	C3 -12	14		A1 -50	2
017081606	U -4	54	021400306	G -24	26		D1 -29	16		A1 -52	2
	U -18	54		L -6	36		J -45	30		C1 -39	10
	W1 -22	58		W2 -22	60	048100142	D2 -10	18		F -28	22
017400802	J -5	30	021500104	Z -44	68	048150142	C2 -10	12		F -30	22
	L -2	36		Z -52	68	060400516	K -22	34		F -33	22
	W2 -18	60		Z -56	68	061300813	Z -23	68		F -66	24