

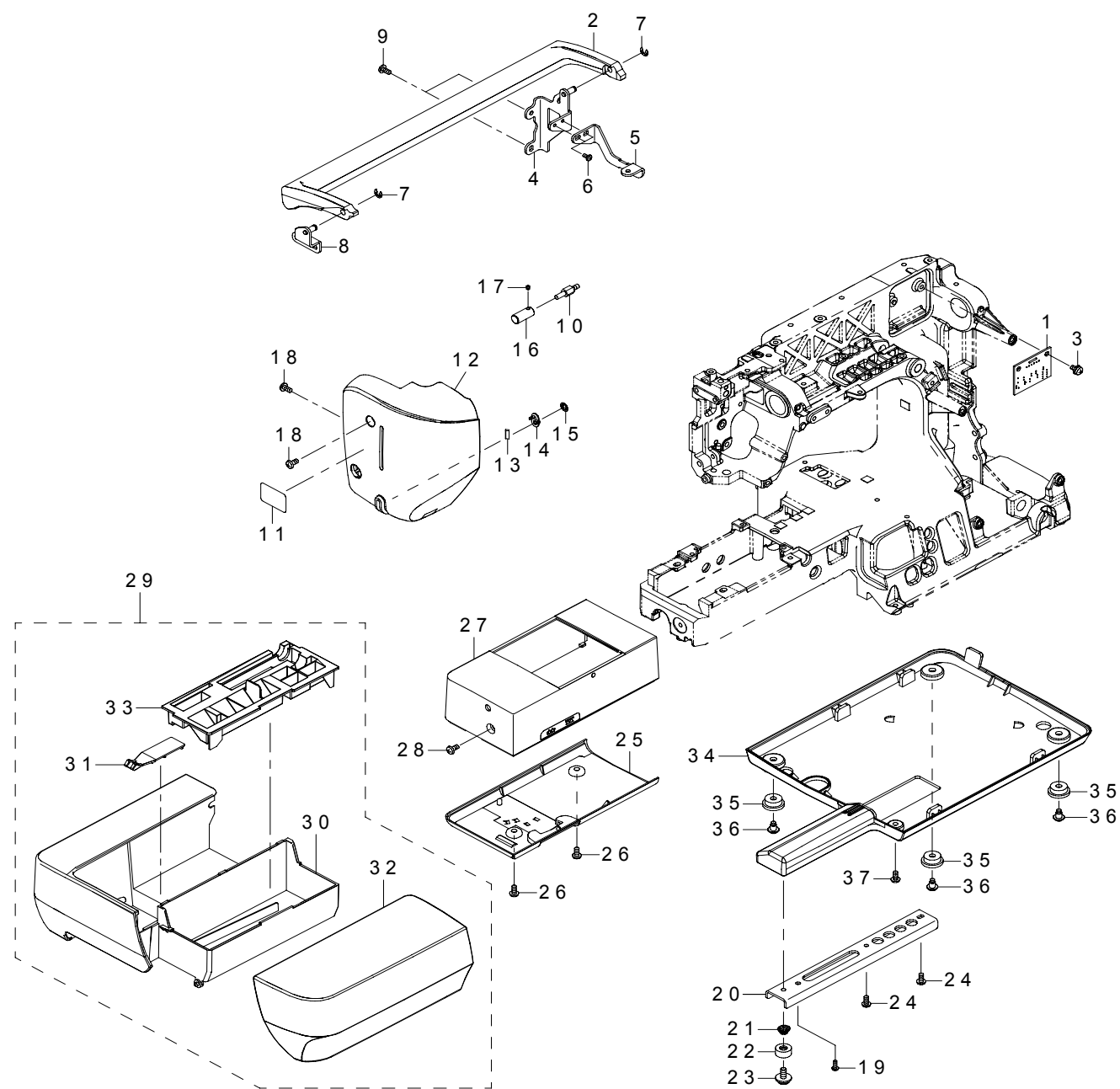
COMPUTER SEWING MACHINE
HZL-F Series

PARTS LIST

CONTENTS

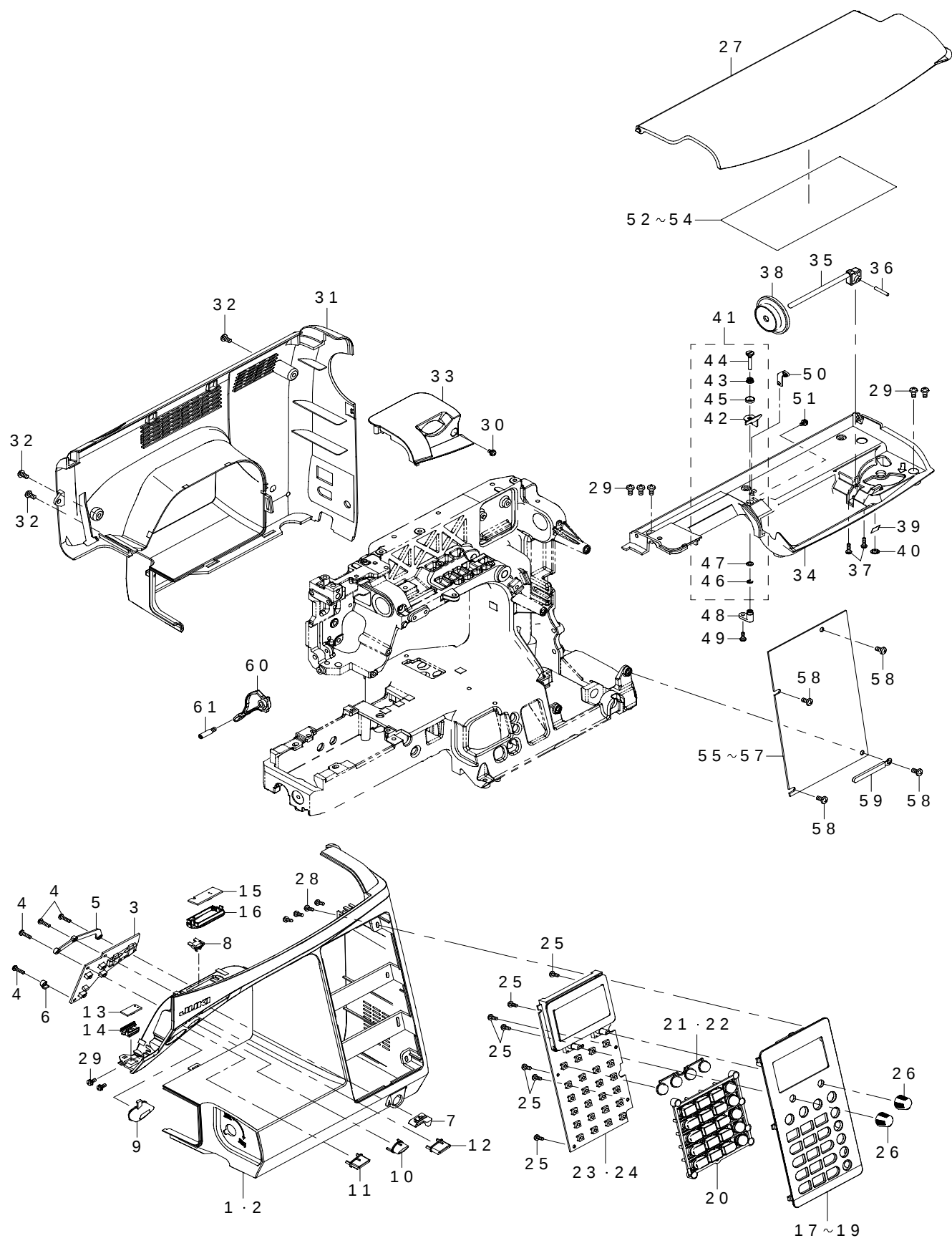
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1. FRAME MISCELLANEOUS COVER COMPONENTS (1)



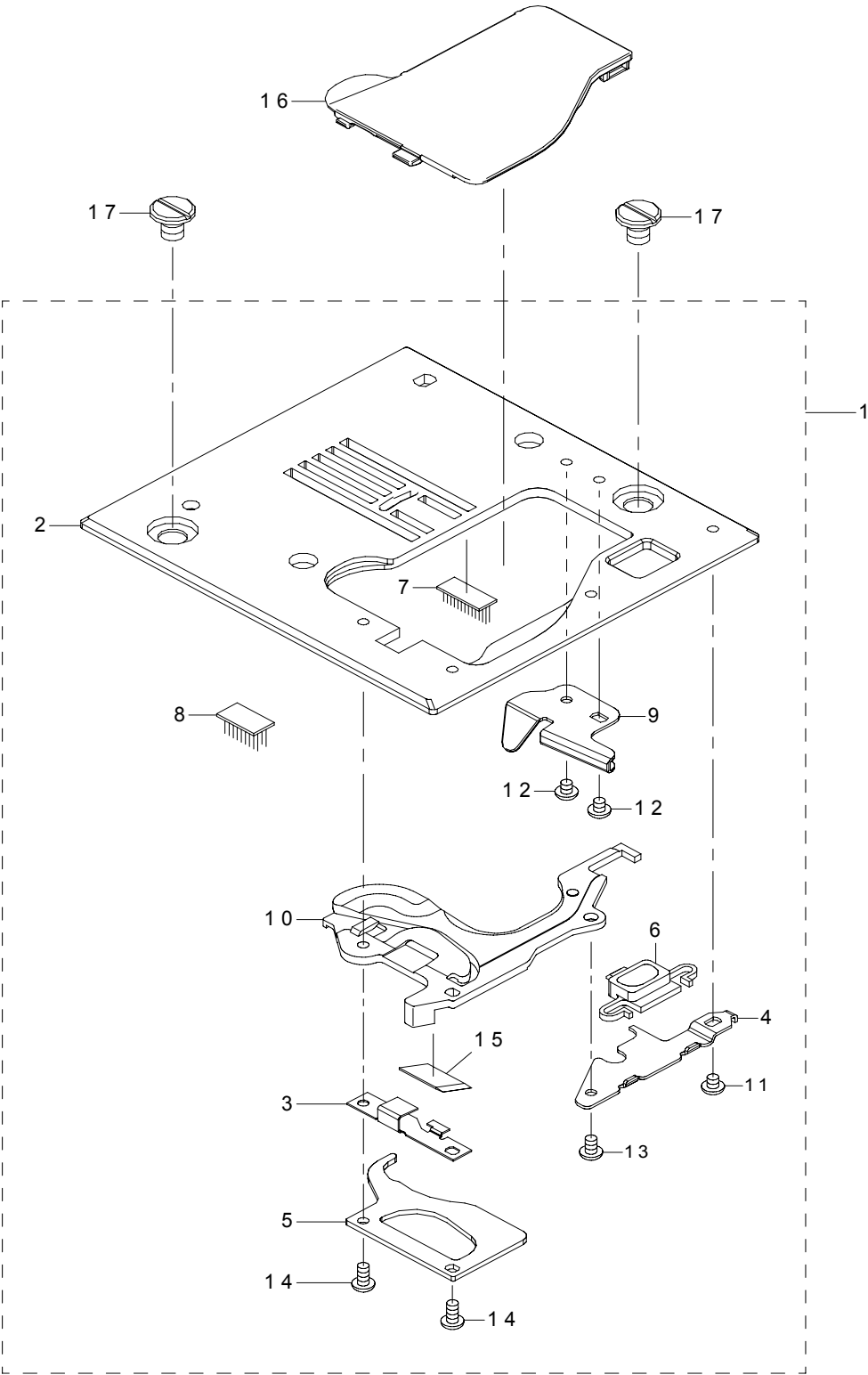
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-56554	ASSY_SYNC_CIRCUIT_BOARD	1
2		400-59249	HANDLE	1
3		SL-4040891-SC	SCREW M4 L=8	1
4		400-58092	HANDLE_BRACKET_ASSY	1
5		400-62587	COVER_BRACKET	1
6		SM-5030655-SN	SCREW M3X0.5 L=6	1
7		RE-0400000-K0	E-RING 4	1
8		400-62500	HANDLE_BRACKET_L_ASSY	1
9		SM-5040855-SN	SCREW	2
10		400-65563	FACE_COVER_GUIDE_SHAFT	1
11		400-84532	BH SOCKET CAUTION LABEL	1
12		400-59230	FACE_COVER	1
13		A3711-010-000-A	TOP THREADING CUTTER	1
14		400-72395	CUTTER HOLDER	1
15		A3205-555-A00	LOCKNUT	1
16		400-70239	FACE_COVER_COLLAR	1
17		SM-8030312-TP	SCREW M3 L=3	1
18		SM-5040855-SN	SCREW	2
19		ST-5030851-SN	SCREW M5X8	1
20		400-57949	BED_REINFORCING_PLATE	1
21		A1159-770-000	HEIGHT ADJUSTING SPRING	1
22		400-57991	HEIGHT_ADJUSTING_RUBBER	1
23		400-78224	HEIGHT_ADJUSTING_SCREW	1
24		SM-5040855-SN	SCREW	2
25		400-53685	FREE_ARM_LOWER_COVER	1
26		SM-5040855-SN	SCREW	2
27		400-53686	FREE_ARM_UPPER_COVER	1
28		SM-5040855-SN	SCREW	1
29		400-60614	ASSY_AUXILIARY_BED	1
30		400-53683	AUXILIARY_BED	(1)
31		400-64571	AUXILIARY_BED_CLICK	(1)
32		400-53684	AUXILIARY_BED_COVER	(1)
33		400-59209	ACCESSORY_TRAY	(1)
34		400-59214	BED_COVER_FOREIGN	1
35		400-57990	RUBBER_WASHER	3
36		400-57922	RUBBER_WASHER_SCREW	3
37		SM-5040855-SN	SCREW	1

2. FRAME MISCELLANEOUS COVER COMPONENTS (2)



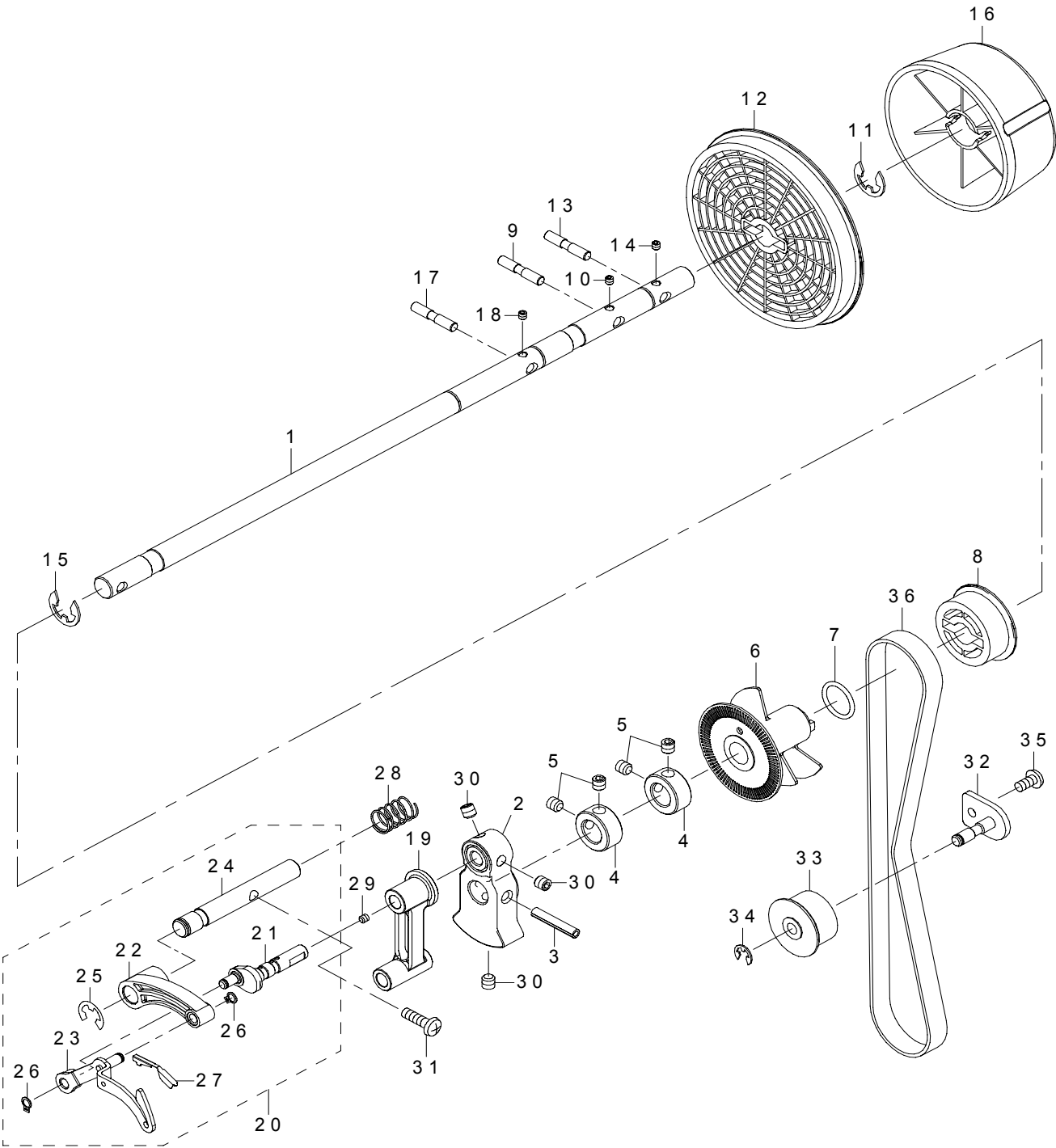
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1	#01	400-59216	FRONT_PANEL_F600	1
2	#04	400-59217	FRONT_PANEL_F400	1
3		400-56545	ASSY_SW/VR_CIRCUIT_BOARD	1
4		ST-5031251-SS	SCREW	4
5		400-69735	CIRCUIT_BOAD_COLLAR_A	1
6		400-69736	CIRCUIT_BOAD_COLLAR_B	1
7		400-59160	SLIDE_VR	1
8		400-69623	SLIDE_VR_CONNECT_PART	1
9		400-59161	SS_BUTTON	1
10		400-59163	REVERSE_BUTTON	1
11		400-59165	THREAD_TRIMMER_BUTTON	1
12		400-59166	HALF_STITCH_BUTTON	1
13		400-56548	ASSY_ON_HAND_LED_CIRCUIT_BOARD	1
14		400-59167	LED_LAMP_COVER_R	1
15	#01	400-56550	ASSY_BOSOM_LED_CIRCUIT_BOARD	1
16	#01	400-59168	BOSM_LED_COVER	1
17	#01	400-72508	PATTERN_PANEL_F600_ASSY	1
18	#02	400-72509	PATTERN_PANEL_F400_ASSY	1
19	#03	400-72510	PATTERN_PANEL_F300_ASSY	1
20		400-59183	DIRECT_BUTTON_F600	1
21		400-59192	SHIFT_BUTTON_F600	1
22	#04	400-59193	SHIFT_BUTTON_F400	1
23	#01	400-56537	ASSY_PANEL_CIRCUIT_BOARD	1
24	#04	400-58655	ASSY_PANEL_CIRCUIT_BOARD	1
25		ST-5030851-SN	SCREW M5X8	7
26	#01	400-84595	ADJUSTING_DIAL	2
27		400-59244	ARM_COVER_MATERIAL	1
28		ST-5031051-SN	TAPPING SCREW	4
29		SM-5040855-SN	SCREW	5
30		SL-4030691-SC	SCREW M3X6	1
31		400-59232	REAR_PANEL_FOREIGN	1
32		SM-5040855-SN	SCREW	3
33		400-59245	TT_COVER_FOREIGN	1
34		400-59240	SPOOL_COVER	1
35		400-58088	SPOOL_PIN	1
36		PH-0300182-C0	PARALLEL PIN	1
37		ST-5031051-SN	TAPPING SCREW	2
38		A1145-E50-000	SPOOL CAP	1
39		A3711-010-000-A	TOP THREADING CUTTER	1
40		A3205-555-A00	LOCKNUT	(1)
41		400-64572	ASSY_THREAD_GUIDE_BASE	(1)
42		400-62034	THREAD_GUIDE_BASE	(1)
43		A3234-550-000	THREAD_GUIDE_BASE_SPRING	(1)
44		A3235-030-Z00-A	THREAD_GUIDE_DISK_SHAFT	(1)
45		A3233-731-000	THREAD_GUIDE_DISK	(1)
46		A3236-880-000	E_RING	(1)
47		A3237-880-000	WASHER	(1)
48		A1139-030-Z00	THREAD_GUIDE_MOUNTING_PLATE	1
49		ST-5030851-SN	SCREW M5X8	1
50		400-57397	BW_THREAD_GUIDE	1
51		SL-4030691-SC	SCREW M3X6	1
52	#01	400-71975	PATTERN_SEAL_F600	1
53	#02	400-71977	PATTERN_SEAL_F400	1
54	#03	400-71979	PATTERN_SEAL_F300	1
55	#01	400-73045	ALL_ASSY_CPU_PCB_F600	1
56	#02	400-73046	ALL_ASSY_CPU_PCB_F400	1
57	#03	400-73047	ALL_ASSY_CPU_PCB_F300	1
58		SM-5040855-SN	SCREW	4
59		A3811-550-000	CORD HOLDER	1
60		400-55401	LIFTER_LEVER	1
61		400-70284	LIFTER_LEVER_SHAFT	1
		NOTE	#01....FOR HZL-F600 #02....FOR HZL-F400 #03....FOR HZL-F300 #04....FOR HZL-F400,HZL-F300	

3. THROAT PLATE COMPONENTS



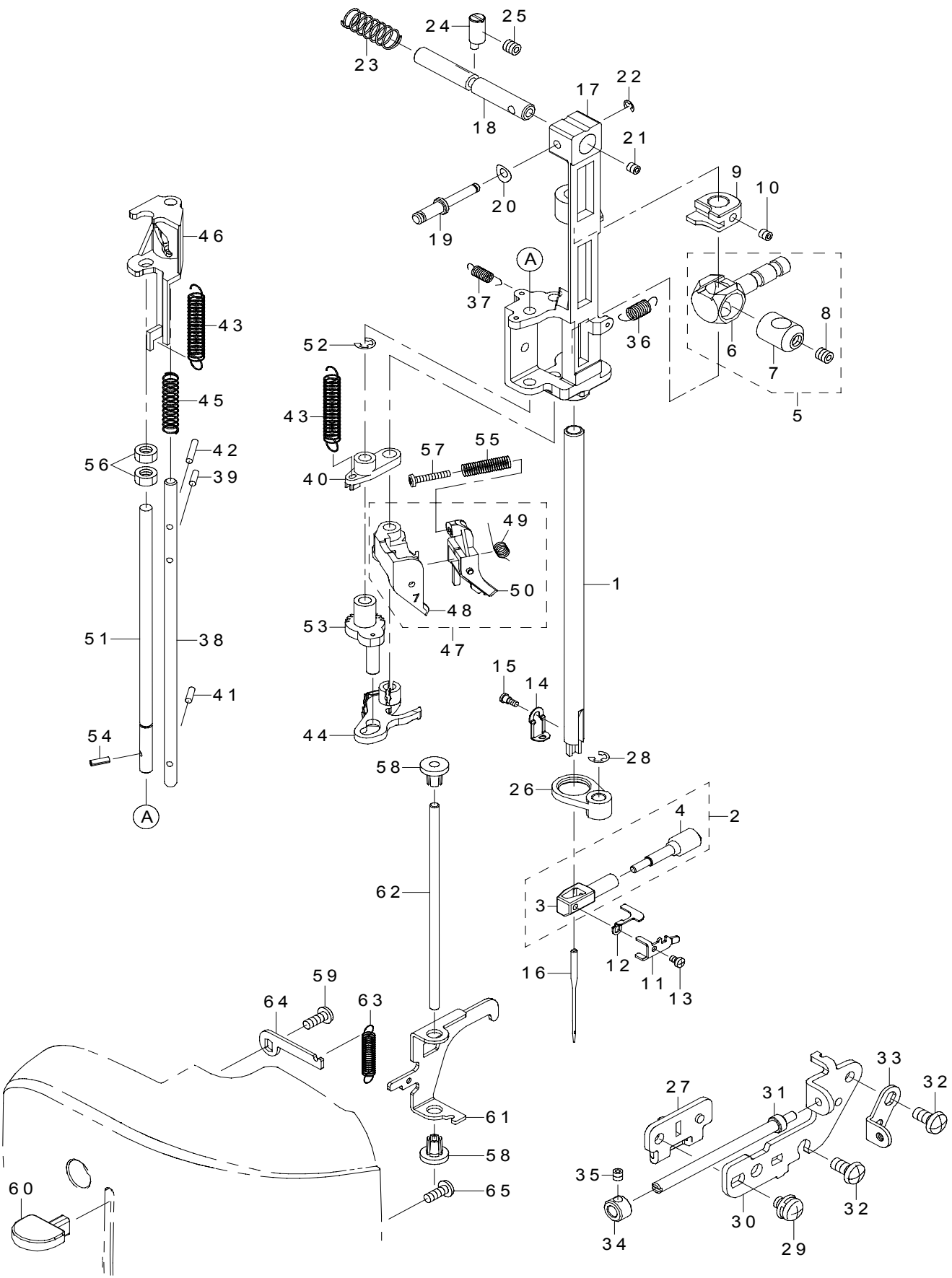
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-79367	THROAT_PLATE ASM.	1
2		400-53462	THROAT_PLATE	(1)
3		A1111-A85-000	SPRING	(1)
4		A1119-010-000	HOOK COVER BUTTON SUPPORT	(1)
5		400-57150	STOPPING_PLATE_LEFT	(1)
6		A1114-010-000-A	HOOK COVER OPEN/CLOSE BUTTON	(1)
7		A1117-008-000	NEEDLE PLATE PILE A	(2)
8		400-64702	THROAT_PLATE_PILE_B	(1)
9		400-65631	HOOK_COVER_SUPPORT_PLATE	(1)
10		A1115-A85-000	BOBBIN CASE COVER	(1)
11		SM-4020201-SC	SCREW M2 L=2	(1)
12		SM-4020201-SC	SCREW M2 L=2	(2)
13		SM-4020301-SC	SCREW M2X0.4 L=3	(1)
14		SM-4020401-SC	SCREW M2 L=4	(2)
15		A3711-010-000-A	TOP THREADING CUTTER	(1)
16		400-64685	HOOK_COVER	1
17		A1138-776-000	SCREW	2

4. UPPER SHAFT & TAKE UP COMPONENTS



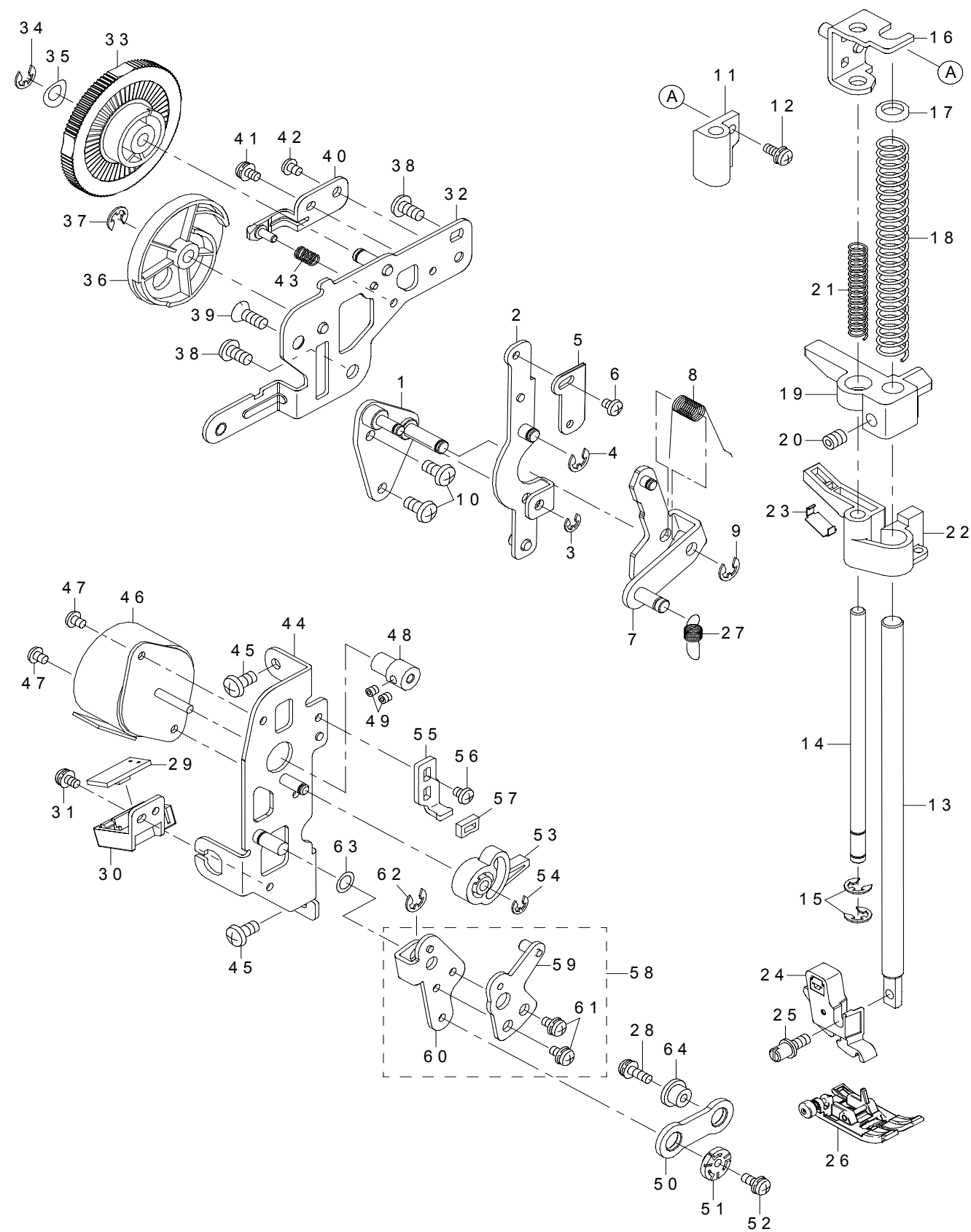
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-53483	UPPER_SHAFT	1
2		400-53484	COUNTER_WEIGHT	1
3		PS-0400222-KP	SPRING_PIN	1
4		CS-1000881-TP	THRUST_COLLAR	2
5		SM-8050512-TN	SCREW M5 L=5	4
6		400-53493	DETECTOR_SHIELD_PLATE	1
7		RO-1331701-00	RUBBER_RING	1
8		400-55825	UPPER_SHAFT_PULLEY	1
9		400-53469	MOTOR_PULLEY_PIN	1
10		SM-8030312-TP	SCREW M3 L=3	1
11		RE-0800000-K0	E-SHAPED SNAP RING (8MM)	1
12		400-57983	MOTOR_PULLEY	1
13		400-53469	MOTOR_PULLEY_PIN	1
14		SM-8030312-TP	SCREW M3 L=3	1
15		RE-0800000-K0	E-SHAPED SNAP RING (8MM)	1
16		400-53486	HAND_WHEEL	1
17		400-53469	MOTOR_PULLEY_PIN	1
18		SM-8030312-TP	SCREW M3 L=3	1
19		400-53487	NEEDLE_BAR_CRANK_ROD	1
20		400-57187	TAKE_UP_ASSY	1
21		400-57188	NEEDLE_BAR_CRANK	(1)
22		400-57189	TAKE_UP_CRANK	(1)
23		400-57190	TAKE_UP_BODY_ASSY	(1)
24		400-57194	TAKE_UP_SUPPORT_SHAFT	(1)
25		RE-0600000-K0	E-RING 6	(1)
26		RC-0370411-KP	RETAINING_RING	(2)
27		400-62518	TAKE_UP_CLICK	(1)
28		400-57355	SUPPORT_SHAFT_SPRING	1
29		SM-8030312-TP	SCREW M3 L=3	1
30		SM-8050512-TN	SCREW M5 L=5	3
31		SM-5041455-SN	SCREW	1
32		400-53479	IDLER_BRACKET_ASSY	1
33		400-56861	IDLER	1
34		RE-0400000-K0	E-RING 4	1
35		SM-5040855-SN	SCREW	1
36		400-57384	TIMING_BELT	1

5. NEEDLE BAR & NEEDLE THREADER COMPONENTS



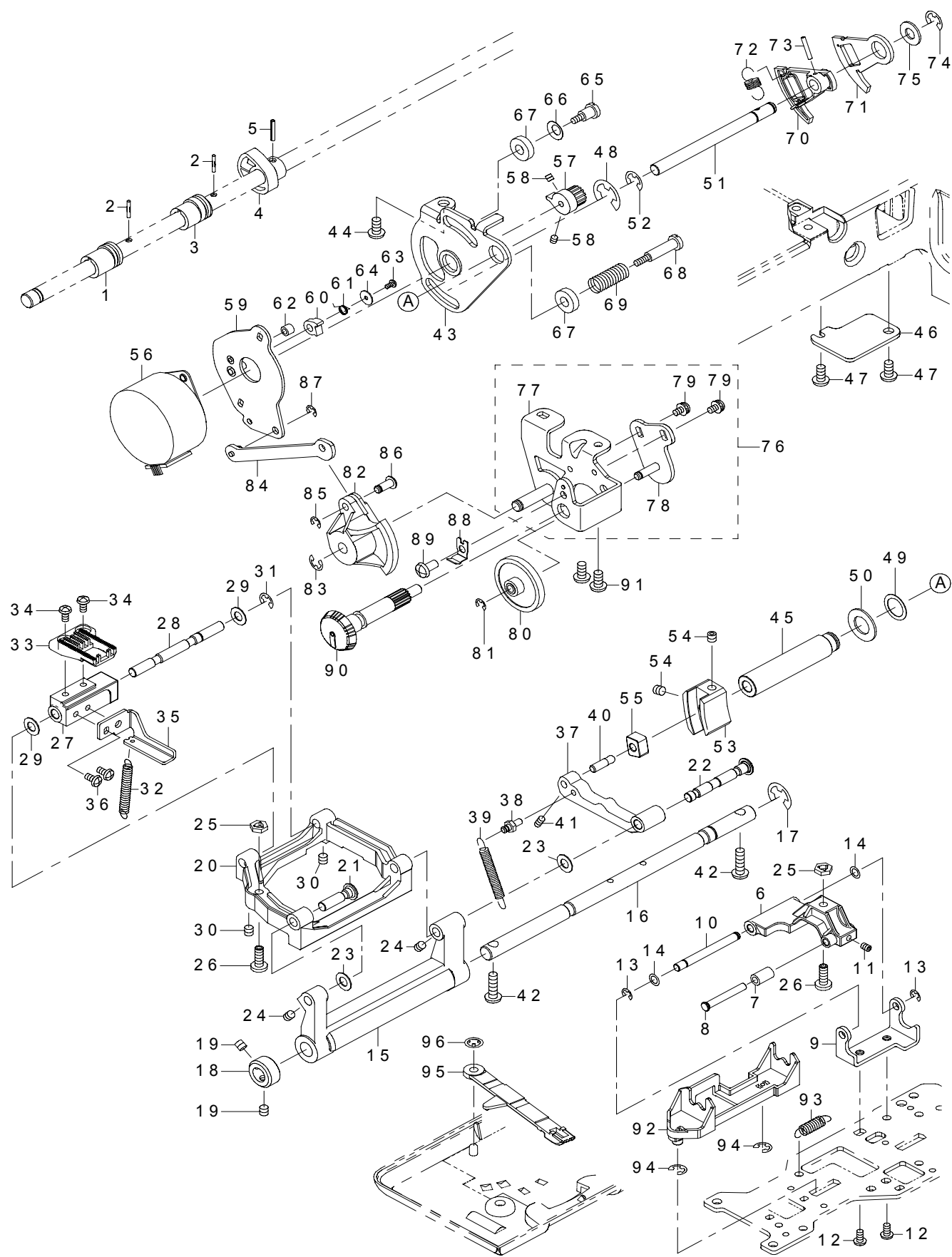
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-53488	NEEDLE BAR	1
2		400-57275	ASSY_NEEDLE_CLAMP	1
3		400-57276	NEEDLE_CLAMP	(1)
4		400-57277	NEEDLE_CLAMP_SCREW	(1)
5		400-53490	ASSY_NEEDLE_BAR_CONNECTION	1
6		400-53491	NEEDLE_BAR_CONNECTION	(1)
7		A1412-010-000	NEEDLE_BAR_CONNECTION INNER	(1)
8		SM-8040412-TP	SET SCREW M4 L=4	(1)
9		400-55819	TP_NEEDLE_BAR_GUIDE	1
10		SM-8030312-TP	SCREW M3 L=3	1
11		400-71968	NEEDLE_CLAMP_THREAD_GUIDE	1
12		400-64214	NEEDLE_CLAMP_THREAD_GUIDE_U	1
13		400-79281	THREAD_GUIDE_SCREW	1
14		400-62545	MIS_INSERT_P_PLATE	1
15		A1450-010-000	SCREW	1
16		MHA-100B1400	NEEDLE 130/705H #90	1
17		400-53496	NEEDLE_BAR_FRAME	1
18		400-53497	NEEDLE_BAR_FRAME_SHAFT	1
19		400-53498	NB_FRAME_FULCRUM_SHAFT	1
20		WZ-0320290-UZ	WASHER 3.2X6.5X0.15	1
21		SM-8030312-TP	SCREW M3 L=3	1
22		RE-0200000-K0	E-RING	1
23		400-56970	NB_FRAME_SHAFT_SPRING	1
24		A1427-010-000-A	NB FRAME ADJUST SHAFT	1
25		SM-8040412-TP	SET SCREW M4 L=4	1
26		400-53516	NB_FRAME_CONTROL_ARM	1
27		400-53517	NB_LATERAL_ADJUST_PLATE_ASSY	1
28		RE-0300000-K0	E-RING 3	1
29		SL-4040691-SC	SCREW M4 L=6	1
30		400-55989	FACE_PLATE_FIXING_PLATE	1
31		400-62407	FACE_COVER_SHAFT	1
32		SM-5040855-SN	SCREW	2
33		400-55831	FRONT_PANEL_FIXING_PLATE	1
34		A1617-030-000	THRUST COLLAR	1
35		SM-8030312-TP	SCREW M3 L=3	1
36		400-56945	NEEDLE_BAR_FRAME_SPRING	1
37		400-71728	NEEDLE_BAR_FRAME_SPRING_LOWER	1
38		400-51254	TP_SHAFT	1
39		A1458-A85-000	HOOK HOLDER PIN	1
40		400-51248	LINK_BASE	1
41		A1458-A85-000	TP_SHAFT_PIN_SMALL	1
42		400-55811	TP_SHAFT_PIN_LARGE	1
43		400-55812	TP_CAM_SPRING	2
44		400-55813	TP_HOOK HOLDER_ASSY	1
45		400-55827	TP_SHAFT_SPRING	1
46		400-51238	TP_CAM	1
47		400-60613	ASSY_ASSIST_HOOK	1
48		400-51237	ASSIST_HOOK	(1)
49		400-55828	CLIP_SPRING	(1)
50		400-51255	TENSION_CLIP	(1)
51		400-51253	GUIDE_SHAFT	1
52		RE-0300000-K0	E-RING 3	1
53		400-51243	DRIVING_GEAR	1
54		PS-0200062-KP	SPRING PIN	1
55		400-62156	ASSIST_HOOK_SPRING	1
56		NM-6040002-SF	NUT M4	2
57		SM-5020855-SN	SCREW M2 L=8	1
58		400-79178	TP_LEVER_BUSH	2
59		ST-5030851-SN	SCREW M5X8	1
60		400-55821	TP_HANDLE	1
61		400-55820	TP_LEVER	1
62		400-55822	TP_LEVER_SHAFT	1
63		400-55823	TP_LEVER_SPRING	1
64		400-55824	TP_LEVER_SUPPORT	1
65		ST-5030851-SN	SCREW M5X8	1

6. PRESSER MECHANISM & NEEDLE THROWING COMPONENTS



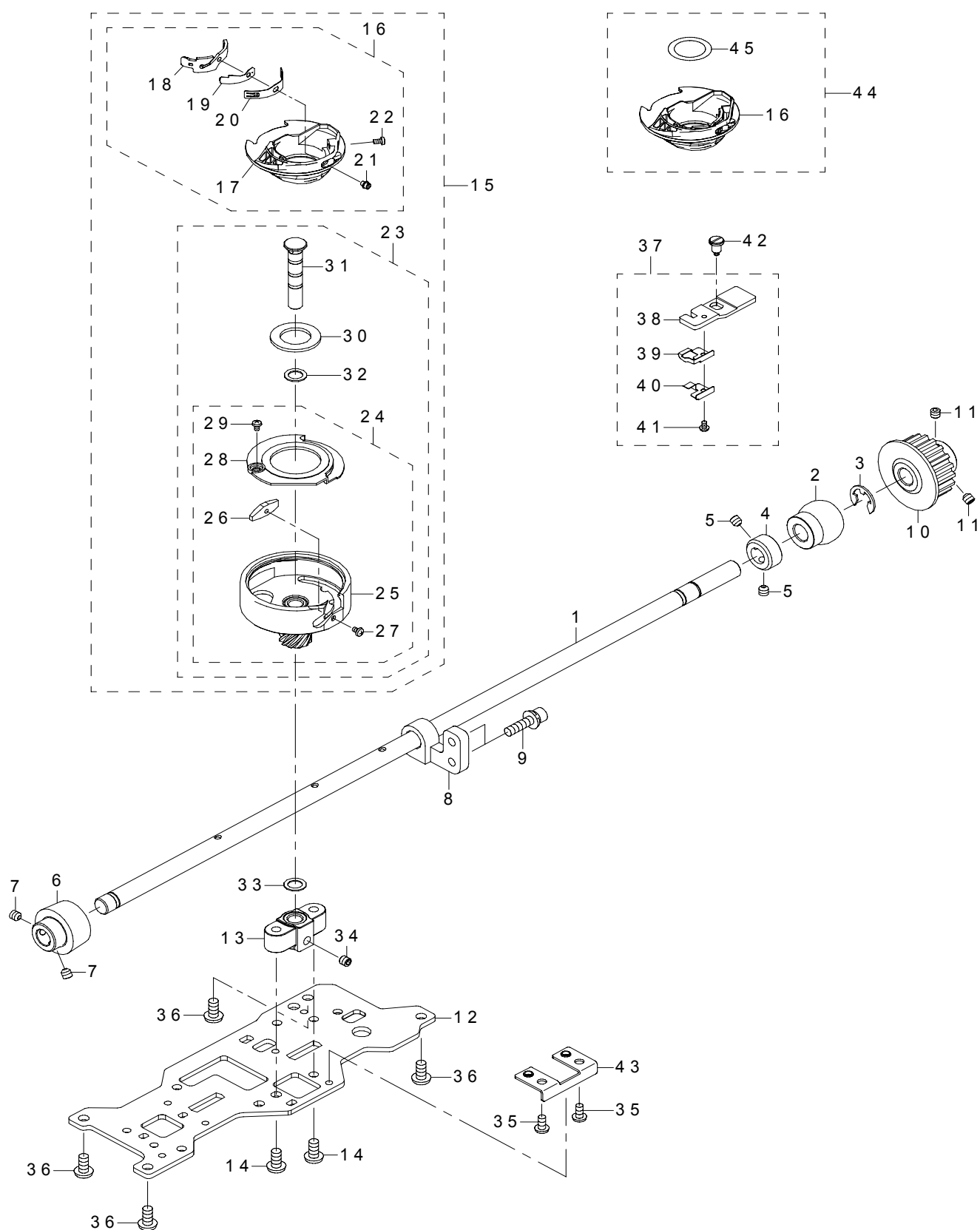
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-55391	TENSION_RELEASE_BASE_ASSY	1
2		400-55387	TENSION_RELEASE_PLATE_ASSY	1
3		RE-0300000-K0	E-RING 3	1
4		RE-0400000-K0	E-RING 4	1
5		400-55395	TR_ADJUST_PLATE	1
6		SM-5030455-SN	SCREW	1
7		400-55557	KNEE_LIFTER_PLATE_ASSY	1
8		400-56969	KNEE_LIFTER_PLATE_SPRING	1
9		RE-0400000-K0	E-RING 4	1
10		SM-5040855-SN	SCREW	2
11		400-76391	SUB_SPRING HOLDER	1
12		SL-4030891-SC	SCREW M3X8	1
13		400-55402	PRESSER_BAR	1
14		400-55403	PF_GUIDE_BAR	1
15		RE-0400000-K0	E-RING 4	2
16		400-55409	PRESSER_ADJUST_PLATE_ASSY	1
17		400-55404	PRESSER_SPRING HOLDER	1
18		400-55405	PRESSER_SPRING	1
19		400-55406	PRESSER_BAR_GUIDE	1
20		SM-8050602-TP	SCREW M5 L=6	1
21		400-55412	PRESSER_SUB_SPRING	1
22		400-61618	PRESSER_BLOCK	1
23		400-64224	PRESSER_BLOCK_PLATE	1
24		400-56529	ASSY_PRESSER_FOOT HOLDER	1
25		400-64703	PF HOLDER SCREW	1
26		400-57923	ASSY_STANDARD_PRESSER_FOOT	1
27		400-55408	PRESSER_LEVER_SPRING	1
28		SL-4031091-SC	SCREW M3 X 10	1
29		400-56549	ASSY_ON_HAND_LED_CIRCUIT_BOARD	1
30		400-56368	LED_LAMP_COVER_L	1
31		SL-4030691-SC	SCREW M3X6	1
32		400-55426	PRESSER_ADJUST_BASE_ASSY	1
33		400-60527	PRESSER_ADJUST_DIAL	1
34		RE-0400000-K0	E-RING 4	1
35		A2110-700-000	SPRING WASHER	1
36		400-55433	PRESSER_ADJUST_GEAR	1
37		RE-0400000-K0	E-RING 4	1
38		SM-5040855-SN	SCREW	2
39		SM-1040801-SN	SCREW M4X0.7 L=8	1
40		400-79605	PRESSER_DIAL_CLICK	1
41		SL-4030691-SC	SCREW M3X6	1
42		SM-5030455-SN	SCREW	1
43		400-79606	PRESSER_DIAL_CLICK_SPRING	1
44		400-53500	NT_STM_BASE_ASSY	1
45		SM-5040855-SN	SCREW	2
46		400-56557	ASSY_NT_STM	1
47		SM-5030455-SN	SCREW	2
48		400-70288	NT_STM_GEAR	1
49		SM-8030312-TP	SCREW M3 L=3	2
50		400-53499	ROCKING_ROD	1
51		A1456-008-000-A	LEAN CENTER SHAFT	1
52		SL-4030891-SC	SCREW M3X8	1
53		400-53505	NEEDLE_THROWING_GEAR	1
54		RE-0400000-K0	E-RING 4	1
55		400-55676	NT_STM_STOPPER	1
56		SM-5030455-SN	SCREW	1
57		A1646-010-000	RETRIEVAL RUBBER	1
58		400-66231	ASSY_NEEDLE_THROWING_ARM	1
59		400-53506	NEEDLE_THROWING_ARM_ASSY	(1)
60		400-66198	NEEDLE_THROWING_ADJUST_ARM	(1)
61		SL-4030691-SC	SCREW M3X6	(1)
62		RE-0400000-K0	E-RING 4	1
63		WP-0520516-RZ	WASHER	1
64		400-62144	ROCKING_ROD_BUSH	1

7. FEED MECHANISM COMPONENTS



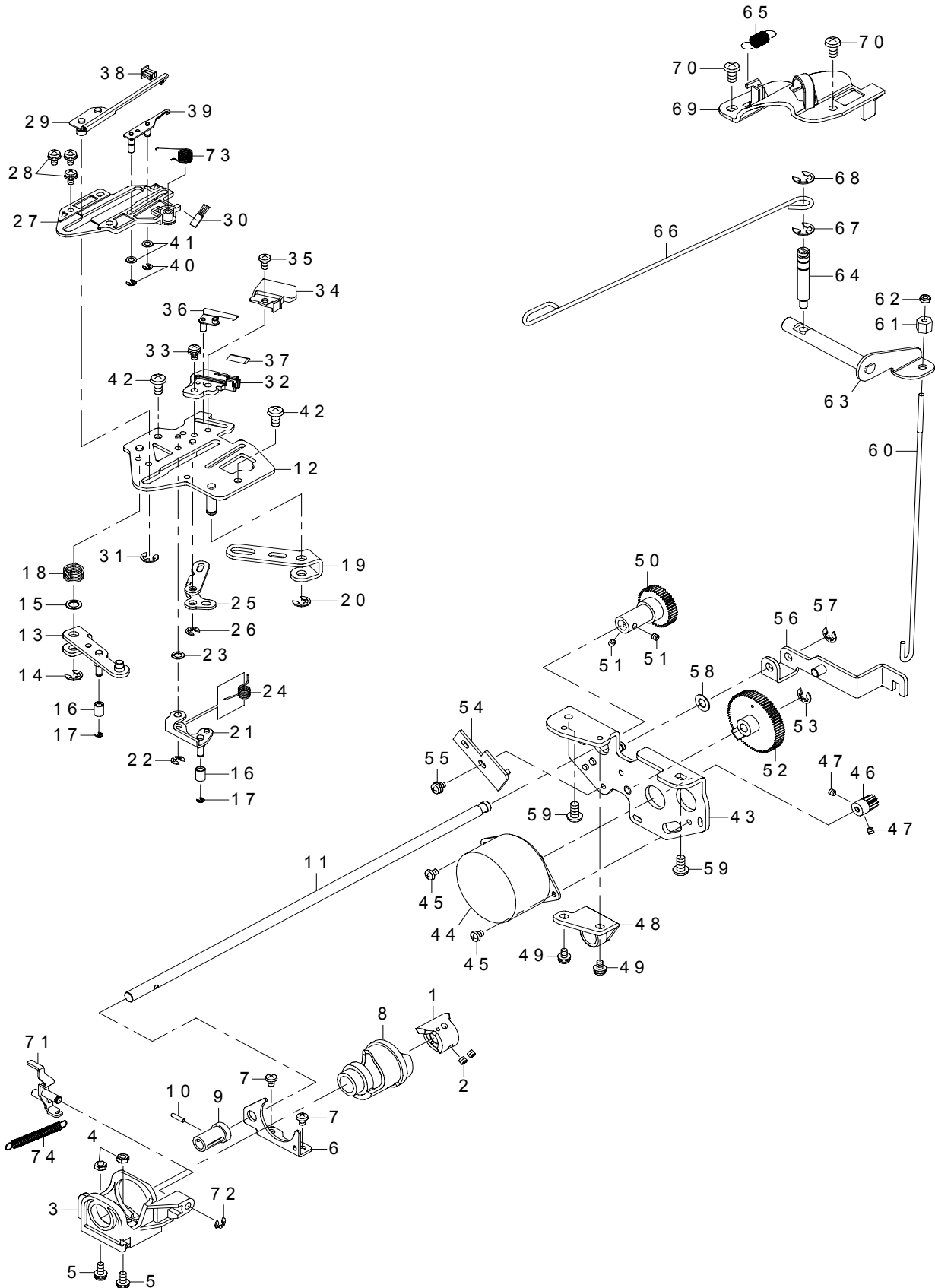
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-55496	VERTICAL_FEED_CAM	1
2		400-55498	VF_CAM_STOP_PIN	2
3		400-55499	VF_ASSIST_CAM	1
4		400-55504	HORIZONTAL_FEED_CAM	1
5		PS-0200122-KP	SPRING PIN TYPE W 2X12	1
6		400-71970	CORRECTION_ARM	1
7		400-71971	CORRECTION_ROLLER	1
8		400-71972	CORRECTION_ROLLER_SHAFT	1
9		400-71973	CORRECTION_ARM_BASE	1
10		400-71974	CORRECTION_ARM_SHAFT	1
11		SM-8030412-TP	SCREW	1
12		SM-5030655-SN	SCREW M3X0.5 L=6	2
13		RE-0300000-K0	E-RING 3	2
14		WP-0410516-RZ	WASHER	2
15		400-55505	HF_ROCKER_ARM	1
16		400-55506	HF_ROCKER_ARM_SHAFT	1
17		RE-0700000-K0	E-RING 7	1
18		A1203-030-000	THRUST COLLAR	1
19		SM-8040412-TP	SET SCREW M4 L=4	2
20		400-55513	FEED_BAR	1
21		400-55508	FEED_BAR_SHAFT_L	1
22		400-55507	FEED_BAR_SHAFT_R	1
23		WP-0520516-RZ	WASHER	2
24		SM-8040412-TP	SET SCREW M4 L=4	2
25		17480400800	VF_ADJUST_SHAFT_NUT	2
26		400-55500	VF_ADJUST_SHAFT	2
27		400-55502	ASSIST_FEED_BAR	1
28		400-55503	ASSIST_FEED_BAR_SHAFT	1
29		WP-0520516-RZ	WASHER	2
30		SM-8040412-TP	SET SCREW M4 L=4	2
31		RE-0400000-K0	E-RING 4	1
32		400-55501	FEED_BAR_SPRING	1
33		400-55516	FEED_DOG	1
34		SM-5030655-SN	SCREW M3X0.5 L=6	2
35		400-71969	CORRECTION_PLATE	1
36		SM-5030655-SN	SCREW M3X0.5 L=6	2
37		400-60607	HORIZONTAL_FEED_ARM	1
38		400-56010	HF_ARM_SPRING_PIN	1
39		400-55517	HORIZONTAL_FEED_ARM_SPRING	1
40		A1624-010-000	SLIDE BLOCK SHAFT	1
41		SM-8030612-TP	SET SCREW	1
42		SM-5041455-SN	SCREW	2
43		400-55525	FEED_STM_FIXING_PLATE	1
44		SM-5040855-SN	SCREW	1
45		400-55520	FEED_REGULATOR_BUSHING	1
46		400-55519	FR_BUSHING_CLAMP_PLATE	1
47		SM-5040855-SN	SCREW	2
48		RE-0800000-K0	E-SHAPED SNAP RING (8MM)	1
49		WZ-1052010-KP	WAVED WASHER	1
50		WP-1021016-SD	WASHER	1
51		400-55521	FEED_REGULATOR_SHAFT	1
52		RE-0500000-K0	E-RING	1
53		400-55522	FEED_REGULATOR	1
54		SM-8040412-TP	SET SCREW M4 L=4	2
55		400-55524	FEED_REGULATOR_BLOCK	1
56		400-56558	ASSY_FD_STM	1
57		400-55530	FEED_STM_GEAR	1
58		SM-8030312-TP	SCREW M3 L=3	2
59		400-55534	FEED_ADJUSTING_PLATE_ASSY	1
60		400-55531	FEED_STOPPER_LEVER	1
61		400-55532	FEED_STOPPER_SPRING	1
62		400-55533	ORIGIN_DETECTING_RUBBER	1
63		SM-4020401-SC	SCREW M2 L=4	1
64		WP-0210516-SD	PLAIN WASHER 2.1X8X0.5	1
65		A1650-008-000-A	STAGE SCREW A	1
66		A2110-700-000	SPRING WASHER	1
67		400-55539	FEED_STM_WASHER	2
68		A1651-008-000	STAGE SCREW A	1
69		A1658-008-000	SPRING	1
70		400-55526	FEED_REGULATOR_GEAR_A	1
71		400-55527	FEED_REGULATOR_GEAR_B	1
72		400-55528	FR_GEAR_SPRING	1
73		PS-0200122-KP	SPRING PIN TYPE W 2X12	1
74		RE-0500000-K0	E-RING	1
75		WP-0621016-SD	WASHER 6.2X13X1	1
76		400-66230	ASSY_FEED_ADJUST_BASE_PLATE	1
77		400-55544	FEED_ADJUST_BASE_PLATE_ASSY	(1)
78		400-59862	INTERMEDIATE_GEAR_BASE_ASSY	(1)
79		SL-4030691-SC	SCREW M3X6	(2)
80		400-55549	FA_INTERMEDIATE_GEAR	1
81		RE-0300000-K0	E-RING 3	1
82		400-55548	FEED_ADJUST_GEAR	1
83		RE-0400000-K0	E-RING 4	1
84		400-55540	FEED_ADJUST_LINK_ASSY	1
85		RE-0300000-K0	E-RING 3	1
86		400-72885	FEED_ADJUST_LINK_PIN	1
87		RE-0300000-K0	E-RING 3	1
88		A1654-008-000	PLATE SPRING	1
89		SM-5040855-SN	SCREW	1
90		400-55550	FEED_ADJUST_DIAL	1
91		SM-5040855-SN	SCREW	2
92		400-57335	DF_WORKING_BODY	1
93		400-66691	DF_RETURN_SPRING	1
94		RE-0400000-K0	E-RING 4	2
95		400-57334	DF_LEVER	1
96		A3205-555-A00	LOCKNUT	1

8. LOWER SHAFT & HOOK COMPONENTS



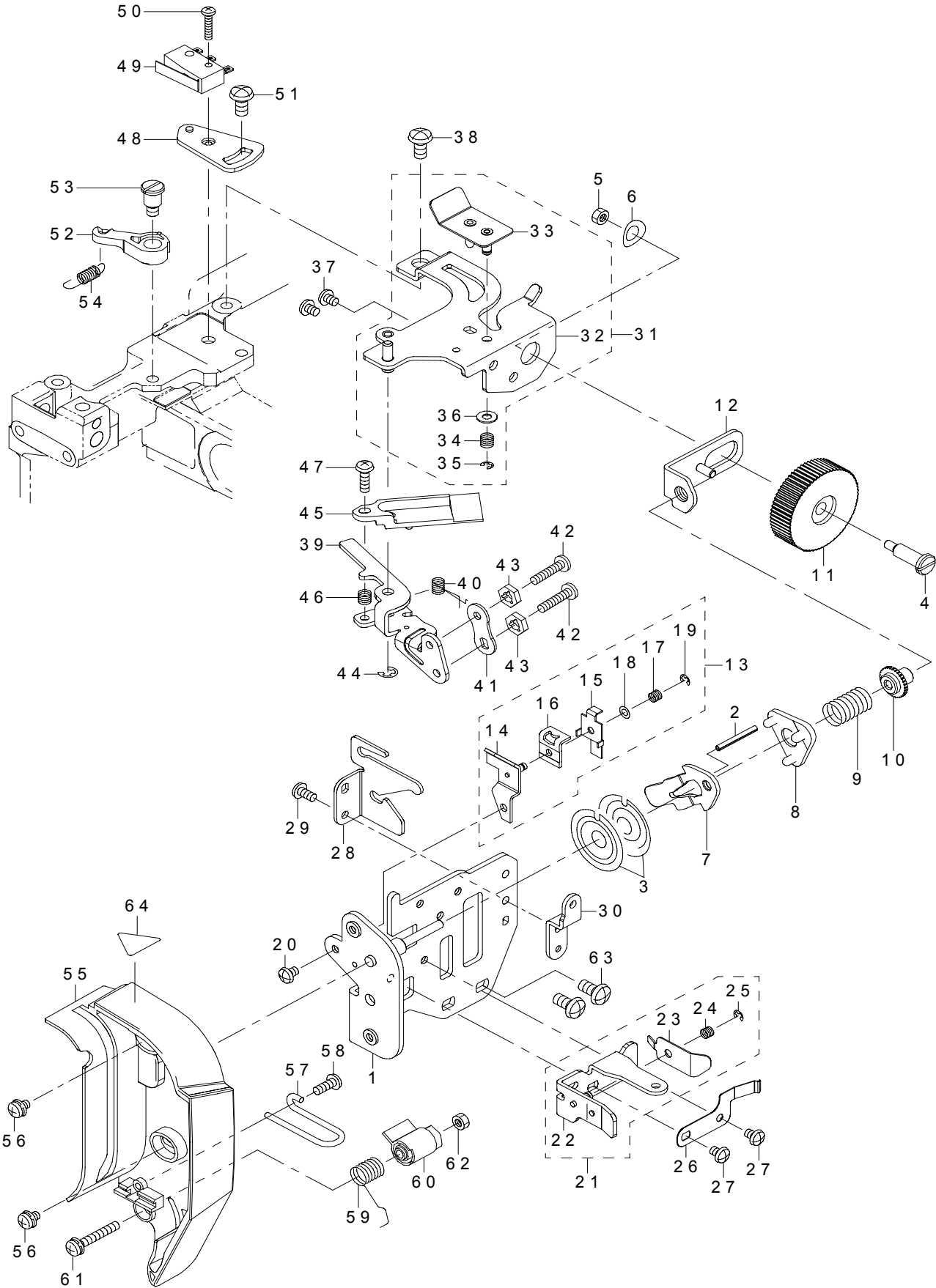
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-53494	LOWER_SHAFT	1
2		A1810-E60-000	LOWER SHAFT WELT BEARING	1
3		RE-0700000-K0	E-RING 7	1
4		A1203-030-000	THRUST COLLAR	1
5		SM-8040412-TP	SET SCREW M4 L=4	2
6		400-53453	HOOK_DRIVING_GEAR	1
7		SM-8040412-TP	SET SCREW M4 L=4	2
8		400-53495	LOWER_SHAFT_SUPPORT	1
9		SL-6041692-TN	SCREW	2
10		400-55826	LOWER_SHAFT_PULLEY	1
11		SM-8040412-TP	SET SCREW M4 L=4	2
12		400-56604	HOOK_BRACKET	1
13		400-53456	HOOK SHAFT BASE	1
14		SM-5040855-SN	SCREW	2
15		400-81293	ALL_ASSY_HOOK	1
16		400-80420	BOBBIN_CASE_PROCESSING	(1)
17		400-58626	BOBBIN_CASE_MATERIAL	(1)
18		400-60608	BOBBIN_CASE_THREAD_GUIDE	(1)
19		A1840-009-000	LOWER THREAD ADJUSTING SPRING A	(1)
20		A1841-S56-000	LOWER THREAD ADJUSTING SPRING B	(1)
21		A1843-030-000	LOWER THREAD ADJUSTING SCREW	(1)
22		A1844-030-000	BOBBIN CASE THRED GUIDE SCREW	(1)
23		A1830-E80-0C0	HOOK ASM.	(1)
24		A1830-E80-0B0	HOOK ASM.	(1)
25		A1830-031-0A0	HOOK ASM.	(1)
26		A1832-008-000	HOOK NEEDLE GUARD	(1)
27		SM-5020301-SC	SCREW M2 L=3	(1)
28		A1831-031-000	HOOK BASE PLATE	(1)
29		SM-5020301-SC	SCREW M2 L=3	(1)
30		A1833-E50-000	FELIGHT MAGNET	(1)
31		A1809-031-0A0	HOOK SHAFT ASM.	(1)
32		WP-0620516-RZ	WASHER	(1)
33		WP-0620516-RZ	WASHER	1
34		SM-8040412-TP	SET SCREW M4 L=4	1
35		SM-5030655-SN	SCREW M3X0.5 L=6	2
36		SM-5040855-SN	SCREW	4
37		400-64997	ASSY_BOBBIN_CASE_STOPPER	1
38		400-53454	BOBBIN_CASE_STOPPER_PLATE	(1)
39		400-56975	BOBBIN_CASE_STOPPER_SPRING	(1)
40		400-56976	STOPPER_SPRING_SUPPORT	(1)
41		SM-5020301-SC	SCREW M2 L=3	(1)
42		A1138-776-000	SCREW	1
43		400-76508	HOOK_BRACKET_SUPPORT	1
44		400-79614	BOBBIN_CASE_ASM.	1
45		400-79424	BOBBIN_SPIN_STOP_SHEET	(1)

9. THREAD TRIMMER COMPONENTS



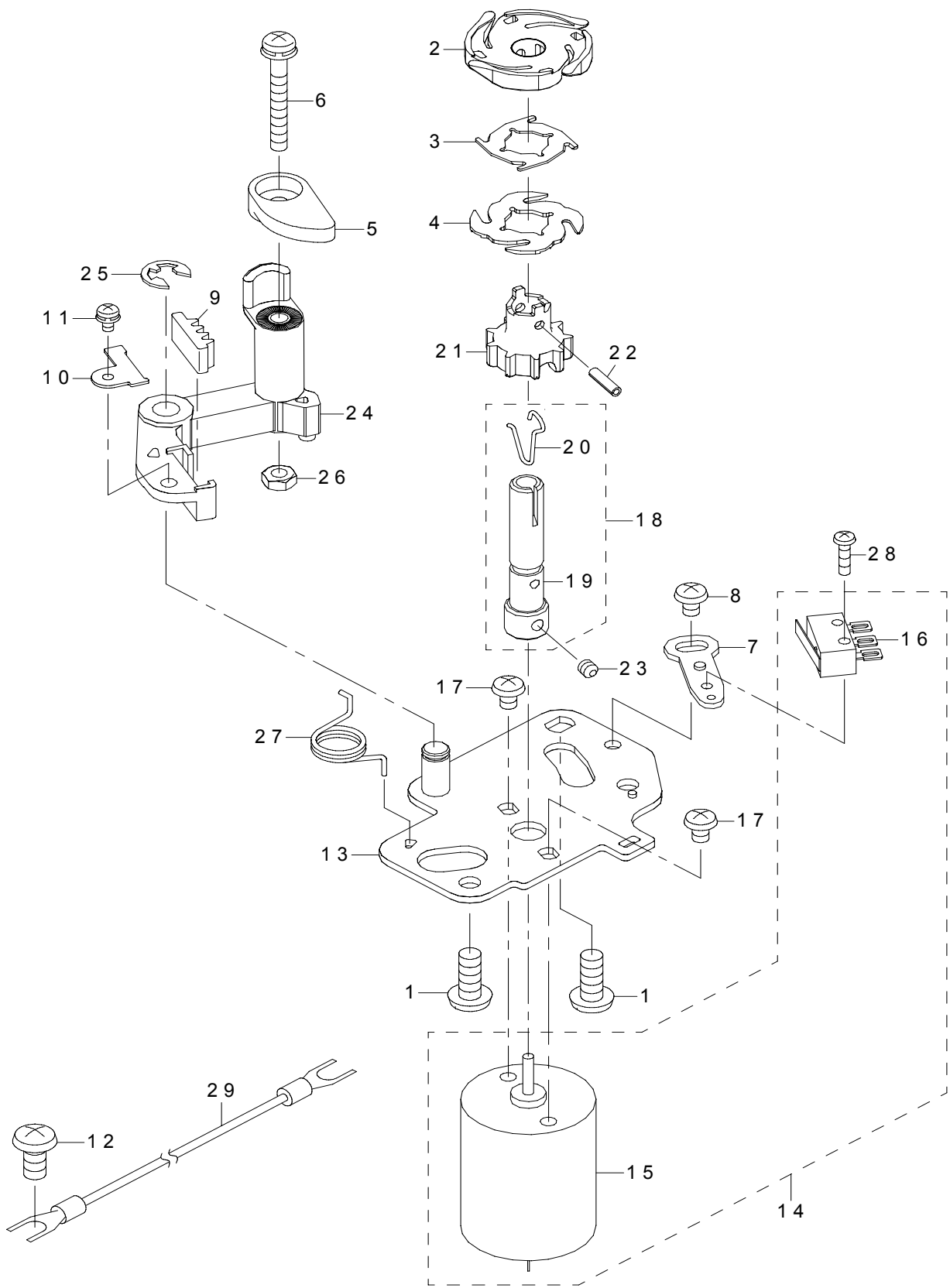
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-53580	THREAD_TRIMMER_CAM	1
2		SM-8030312-TP	SCREW M3 L=3	2
3		400-65718	DRIVING_CAM HOLDER	1
4		NM-6030002-SC	NUT M3	2
5		SL-4030891-SC	SCREW M3X8	2
6		400-53581	DRIVING_CAM_BRACKET_R	1
7		SM-5030455-SN	SCREW	2
8		400-53583	CATCHER_DRIVING_CAM	1
9		400-53586	CAM_DRIVING_GEAR_L	1
10		400-55498	VF_CAM_STOP_PIN	1
11		400-53587	CAM_DRIVING_SHAFT	1
12		400-53592	TT_MECHANISM_BASE_ASSY	1
13		400-53598	CATCHER_WORKING_LINK_ASSY	1
14		RE-0400000-K0	E-RING 4	1
15		WP-0520516-RZ	WASHER	1
16		400-53602	LINK_SHAFT_ROLLER	2
17		RE-0150000-K0	SNAP RING 1.5	2
18		400-53610	CATCHER_WORKING_LINK_SPRING	1
19		400-53603	CATCHER_LINK	1
20		RE-0400000-K0	E-RING 4	1
21		400-53612	TT_DRIVING_LINK_ASSY	1
22		RE-0300000-K0	E-RING 3	1
23		WP-0410516-RZ	WASHER	1
24		400-53611	TT_DRIVING_LINK_SPRING	1
25		400-53616	THREAD_TRIMMER_LINK	1
26		RE-0300000-K0	E-RING 3	1
27		400-53608	THREAD_CATCH_GUIDE	1
28		SL-4030691-SC	SCREW M3X6	3
29		400-53604	CATCHER_ASSY	1
30		A3187-010-000	NEEDLE BAR FRAME BRUSH	1
31		RE-0400000-K0	E-RING 4	1
32		400-53624	TT_CUTTER_BASE	1
33		SL-4030691-SC	SCREW M3X6	1
34		400-53621	TT_CUTTER_COVER	1
35		SM-5030655-SN	SCREW M3X0.5 L=6	1
36		400-53617	TT_CATCHER_ASSY	1
37		A3711-010-000-A	TOP THREADING CUTTER	1
38		400-53609	THREAD_KEEPING_PILE	1
39		400-78681	UT_HOOK_ASSY	1
40		RE-0200000-K0	E-RING	2
41		WP-0310516-RZ	WASHER 3.1X5.4X0.5	2
42		SM-5040855-SN	SCREW	2
43		400-53588	THREAD_TRIMMER_STM_BASE_ASSY	1
44		400-56556	ASSY_TT_STM	1
45		SM-5030455-SN	SCREW	2
46		400-67261	TT_STM_GEAR	1
47		SM-8030312-TP	SCREW M3 L=3	2
48		400-67671	CAM_DRIVING_GEAR_R HOLDER	1
49		SL-4030691-SC	SCREW M3X6	2
50		400-53585	CAM_DRIVING_GEAR_R	1
51		SM-8030312-TP	SCREW M3 L=3	2
52		400-53584	INTERMEDIATE_GEAR	1
53		RE-0400000-K0	E-RING 4	1
54		400-56564	ASSY_TT_STM_ORG_CIRCUIT_BOARD	1
55		SL-5030501-SN	SCREW M3 L=5	1
56		400-53641	TR_PLATE_LOWER_ASSY	1
57		RE-0400000-K0	E-RING 4	1
58		WP-0520516-RZ	WASHER	1
59		SM-5040855-SN	SCREW	2
60		400-53640	TR_LINK_LOWER	1
61		A2444-500-000	NUT	1
62		NM-6860002-MZ	NUT M2.6	1
63		400-53637	TR_LINK_PLATE_ASSY	1
64		400-53632	TR_CONNECT_SHAFT	1
65		400-53636	TENSION_RELEASE_SPRING	1
66		400-53628	TR_LINK_UPPER	1
67		RE-0400000-K0	E-RING 4	1
68		RE-0500000-K0	E-RING	2
69		400-55796	WIRE_GUIDE_A	1
70		SM-5040855-SN	SCREW	2
71		400-78686	UT_HOOK_LEVER_ASSY	1
72		RE-0300000-K0	E-RING 3	1
73		400-78685	UT_HOOK_SPRING	1
74		400-78690	UT_HOOK_LEVER_SPRING	1

10. THREAD TENSION COMPONENTS



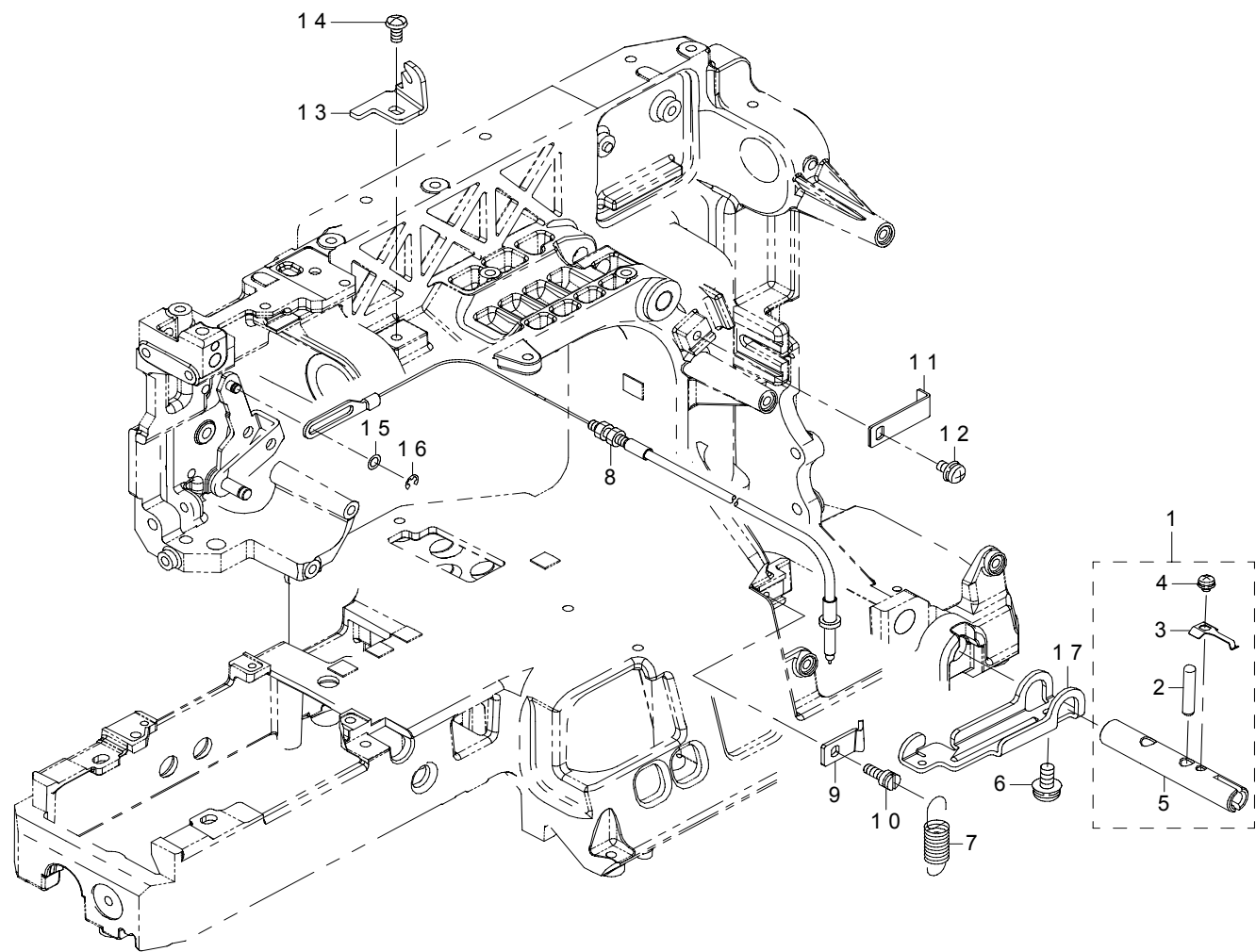
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-53520	FACE_PLATE_ASSY	1
2		PS-0200182-KP	SPRING PIN TYPE W 2X18	1
3		A3910-634-000-B	TENSION DISC	2
4		400-60528	TT_DIAL_FOREIGN	1
5		NM-6030002-SC	NUT M3	1
6		A2110-700-000	SPRING WASHER	1
7		400-53525	DISC_RELEASE_PLATE	1
8		400-55371	DISC HOLDER	1
9		400-55419	THREAD_TENSION_SPRING	1
10		400-53526	THREAD_TENSION_ADJUST_NUT	1
11		400-60528	TT_DIAL_FOREIGN	1
12		400-53532	THREAD_TENSION_ADJUST_PLATE_ASM.	1
13		A3173-E50-0B0	PRETENSION (MAS ASM.)	1
14		A3173-E50-0A0	PRETENSION DISH ASM. LEFT	(1)
15		A3171-T50-000	PRETENSION LEVER	(1)
16		A3172-T50-000	PRETENSION DISC	(1)
17		A3175-T70-000	PRETENSION SPRING	(1)
18		WP-0260116-RZ	SPRING WASHER	(1)
19		RE-0200000-K0	E-RING	(1)
20		SM-5030455-SN	SCREW	1
21		400-64573	ASSY_SUB_TENSION_BASE	1
22		400-62044	SUB_TENSION_BASE_ASSY	(1)
23		400-62047	SUB_TENSION	(1)
24		400-62048	SUB_TENSION_SPRING	(1)
25		RE-0200000-K0	E-RING	(1)
26		400-53528	THREAD_TENSION_DIAL_CLICK	1
27		SM-5030455-SN	SCREW	2
28		400-57974	ARM_THREAD_GUIDE	1
29		SM-5030655-SN	SCREW M3X0.5 L=6	1
30		400-58407	THREAD_TENSION_COVER_BRACKET	1
31		400-64704	ASSY_BASE_TENSION_BASE	1
32		400-55383	BASE_TENSION_BASE_ASSY	(1)
33		400-55384	BASE_TENSION_ASSY	(1)
34		400-55420	BASE_TENSION_SPRING	(1)
35		RE-0200000-K0	E-RING	(1)
36		WP-0320501-SC	WASHER M3	(1)
37		SM-5030455-SN	SCREW	2
38		SM-5040855-SN	SCREW	1
39		400-55561	RELEASE_ARM	1
40		400-55400	RELEASE_ARM_SPRING	1
41		400-70286	RELEASE_ARM_SPACER	1
42		SM-4031601-SC	SCREW M3 L=16	2
43		17480300400	NUT	2
44		RE-0300000-K0	E-RING 3	1
45		400-66195	BASE_TENSION_LIFTER	1
46		400-66193	BASE_TENSION_LIFTER_SPRING	1
47		SM-5031001-SE	SCREW M3 L=10	1
48		400-55385	PRESSER_LIFTER_SW_BASE	1
49		400-56544	ASSY OST SW	1
50		SM-4831001-SF	SCREW M2.3 L=10	1
51		SM-5040855-SN	SCREW	1
52		400-55396	TENSION_RELEASE_ARM	1
53		400-55397	TR_ARM_LOCATE_SCREW	1
54		400-55398	TR_ARM_SPRING	1
55		400-59212	FACE_PLATE_COVER	1
56		SL-4030591-SC	SCREW M3X5	2
57		400-55376	TAKE_UP_SPRING_GUIDE	1
58		ST-5030851-SN	SCREW M5X8	1
59		400-55377	TAKE_UP_SPRING	1
60		400-55378	TAKE_UP_SPRING HOLDER	1
61		SL-4032081-SC	SCREW M3 L=20	1
62		NM-6030002-SC	NUT M3	1
63		SM-5040855-SN	SCREW	2
64		CM-3002000-01	ATTENTION SEAL	1

11. BOBBIN WINDER COMPONENTS



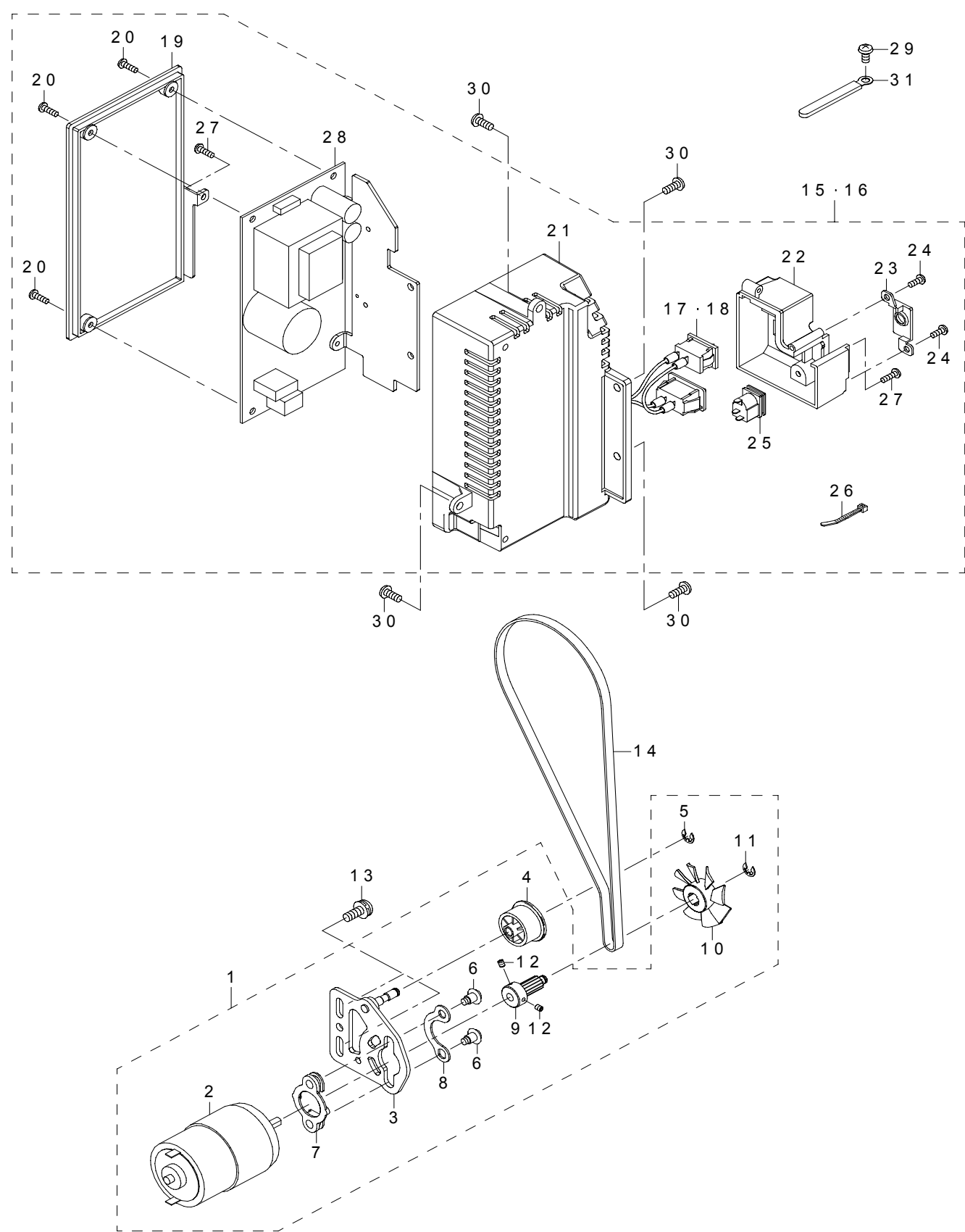
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		ST-5041051-SR	TAPPING SCREW D=4 L=10	2
2		400-53671	BOBBIN_RECEIVER	1
3		400-53672	BOBBIN_WINDER_BLADE	1
4		400-53673	BW_BLADE HOLDER	1
5		400-53677	BW_ADJUST_BODY	1
6		SL-4032591-SC	SCREW M3X25	1
7		400-75652	SW_BASE	1
8		SM-5030455-SN	SCREW	1
9		400-76145	STOPPER_RUBBER	1
10		400-76146	RUBBER_FIXING_PLATE	1
11		SL-4020491-SC	SCREW M2 L=4	1
12		SM-5040855-SN	SCREW	1
13		400-53674	BOBBIN_WINDER_BASE_ASSY	1
14		400-56559	ASSY_WIND_MOTOR	1
15		400-65720	WIND_MOTOR	(1)
16		HA-0042000-00	MICRO SWITCH	(1)
17		SM-5030455-SN	SCREW	2
18		400-70287	ASSY_BOBBIN_WINDER_SHAFT	1
19		400-53670	BOBBIN_WINDER_SHAFT	(1)
20		400-84023	BOBBIN_STOPPER_SPRING	(1)
21		400-53680	STOPPER_GEAR	1
22		PS-0200082-KP	STOPPER_GEAR_PIN	1
23		SM-8030312-TP	SCREW M3 L=3	1
24		400-53678	BW_ADJUST_BASE	1
25		RE-0400000-K0	E-RING 4	1
26		NM-6030002-SC	NUT M3	1
27		400-61796	BW_SPRING	1
28		SM-5020855-SN	SCREW M2 L=8	1
29		400-66041	ASSY_WIND_CODE	1

12. KNEE LIFTER COMPONENTS



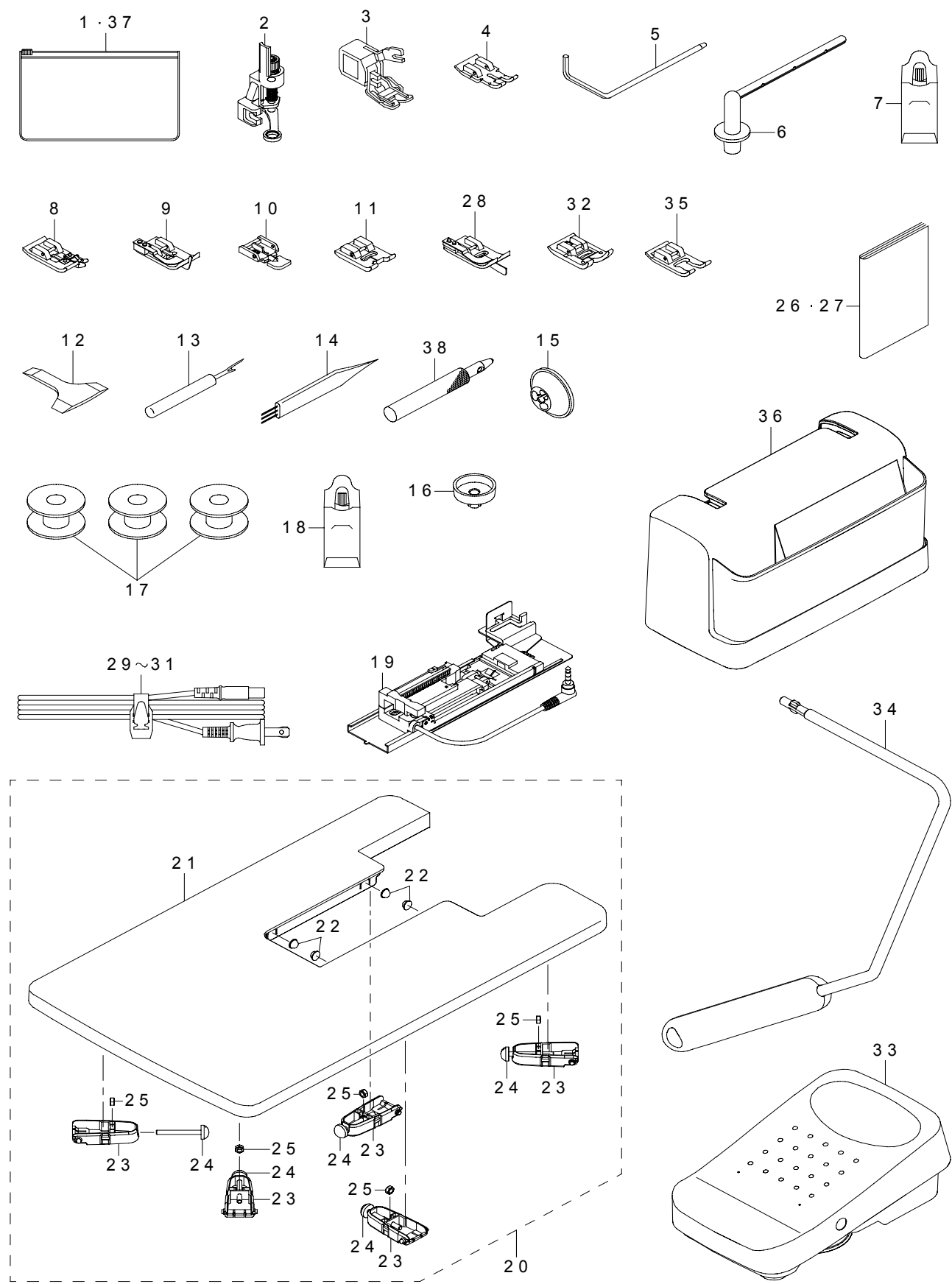
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-84331	KNEE LIFTER ASM.	1
2		A3433-01S-Z00	STOPPER PIN A	(1)
3		400-53426	KL_CLICK_SPRING	(1)
4		SL-4030491-SF	SCREW	(1)
5		400-53425	KNEE_LIFTER_CONNECT_SHAFT	(1)
6		SL-4051291-SF	SCREW M5 L=12	1
7		400-53427	KNEE_LIFTER_SPRING	1
8		400-53446	KNEE_LIFTER_WIRE_ASSY	1
9		400-53428	WIRE_TUBE HOLDER_L	1
10		400-53429	KL_SPRING_STUD	1
11		400-64567	WIRE_GUIDE_B	1
12		SL-4040891-SC	SCREW M4 L=8	1
13		400-55795	WIRE_TUBE HOLDER_U	1
14		SM-5040855-SN	SCREW	1
15		WP-0410516-RZ	WASHER	1
16		RE-0300000-K0	E-RING 3	1
17		400-53424	KNEE_LIFTER_LEVER	1

13. POWER SUPPLY & MAIN MOTOR COMPONENTS



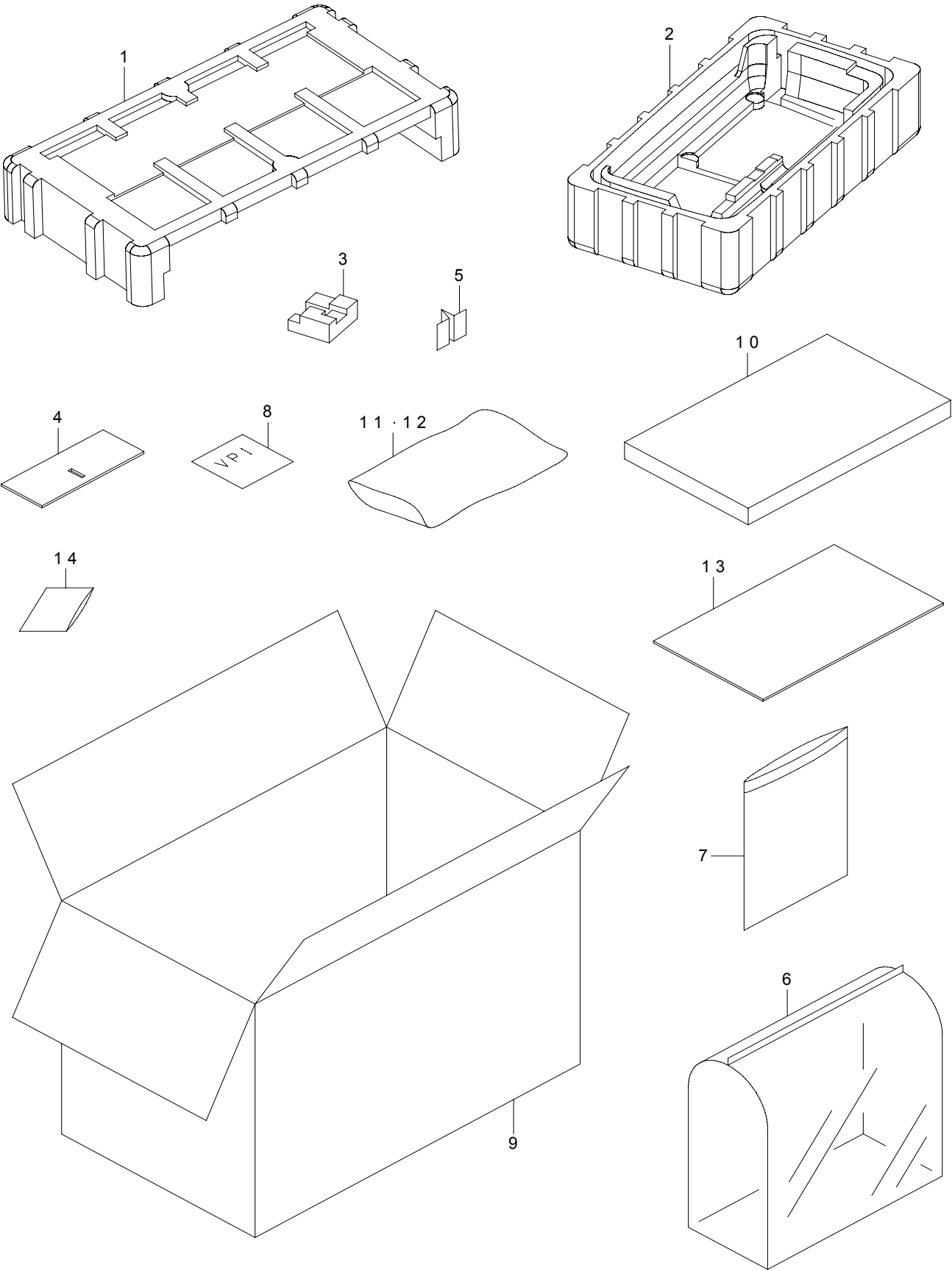
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-78957	ALL_ASSY_MAIN_MOTOR	1
2		400-56546	ASSY_MAIN_MOTOR	(1)
3		400-57951	MOTOR_BRACKET_ASSY	(1)
4		400-56861	IDLER	(1)
5		RE-0400000-K0	E-RING 4	(1)
6		400-57922	RUBBER_WASHER_SCREW	(2)
7		400-62143	MOTOR_SPACER	(1)
8		400-66024	SPACER_PLATE	(1)
9		400-55830	MOTOR_SHAFT_PULLEY	(1)
10		400-53472	MOTOR_SHAFT_PULLEY_FLANGE	(1)
11		RE-0400000-K0	E-RING 4	(1)
12		SM-8030412-TP	SCREW	(2)
13		SL-4051485-SE	BASE PLATE SETSCREW	2
14		400-57960	MOTOR_TIMING_BELT	1
15	#01	400-79000	ALL_ASSY_POWER SUPPLY	1
16	#02	400-78960	ALL_ASSY_POWER SUPPLY_CE	1
17	#01	400-56541	ASSY_POWER_SW_UL	(1)
18	#02	400-56542	ASSY_POWER_SW_EU	(1)
19		400-53476	SWITCHING_POWER_SOURCE_COVER_L	(1)
20		ST-5031051-SN	TAPPING SCREW	(3)
21		400-53475	SWITCHING_POWER_SOURCE_COVER	(1)
22		400-53474	INLET_COVER	(1)
23		400-58553	CONTROLLER_JACK_COVER	(1)
24		ST-5030851-SN	SCREW M5X8	(2)
25		400-56551	ASSY_CONT_SOCKET	(1)
26		A4078-550-00B	BAND	(10)
27		ST-5031051-SN	TAPPING SCREW	(2)
28		400-56543	ASSY_POWER SUPPLY	(1)
29		SM-5040855-SN	SCREW	2
30		SM-5041055-SN	SCREW M4X10	4
31		A3811-550-000	CORD HOLDER	2
		NOTE	#01....FOR UL #02....FOR CE	

14. ACCESSORIE PARTS COMPONENTS



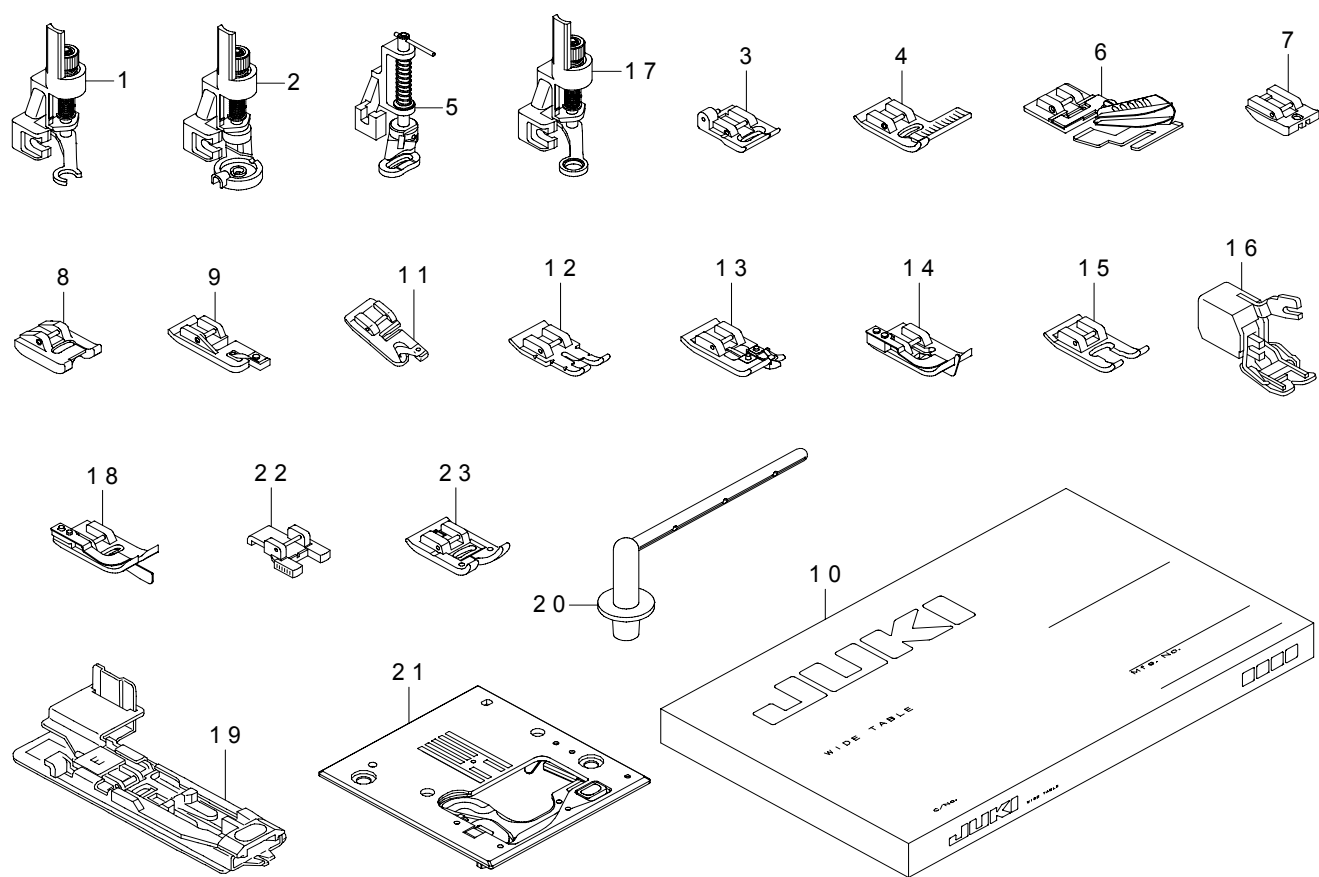
REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1	#01	A9101-550-000	ACCESSORY BAG	1
2	#06	400-58561	ASSY_QUILT_PRESSER_FOOT	1
3	#06	400-57984	ASSY_UPPER_FEED_ATTACHMENT	1
4	#06	400-59122	ASSY_STRAIGHT_PACHWORK_FOOT	1
5	#06	A9134-550-000	RULER	1
6	#06	400-58089	SUPPORT_SPOOL_PIN	1
7	#06	400-83061	TWIN_NEEDLE_SET	1
8		400-59118	ASSY_OVERCASTING_FOOT	1
9		400-59120	ASSY_BLINDSTITCH_FOOT	1
10		A9133-010-0A0	ZIPPER FOOT ASM.	1
11		A9190-008-0A0	TRANSPARENT BUTTONHOLE FOOT	1
12		A9110-700-000	SCREWDRIVER	1
13		A9131-990-000	SEAM RIPPER	1
14		A9137-956-000	BRUSH	1
15		A1150-980-000	SPOOL CAP	1
16		A1145-01S-Z00	SMALL SPOOL CAP	1
17		001141000000	BOBBIN	3
18		400-75804	NEEDLE_SET	1
19		400-57289	BH_PRESSER_FOOT_SET	1
20	#02	400-68038	ASSY_WIDE_TABLE	1
21		400-59204	WIDE_TABLE	(1)
22		A9503-E50-000	TABLE NON-SLIP	(4)
23		400-70174	WIDE_TABLE_LEG	(5)
24		A9505-E50-000	SCREW	(5)
25		NM-6050002-SS	NUT M5	(5)
26	#07	400-79758	INSTRUCTION_MANUAL_A	1
27	#08	400-79759	INSTRUCTION_MANUAL_B	1
28	#02	400-59126	ASSY_CONCEALED_SEAM_FOOT	1
29	#03	A4421-980-0AF	ELECTRIC POWER CORD	1
30	#04	A4421-01E-ZA0	ELECTRIC POWER CORD ASM.	1
31	#05	400-71949	POWER_CORD_SET_(BS)_(ASM.)	1
32	#02	A9201-01S-0A0	DECORATIVE STITCH FOOT	1
33		400-70258	FOOT_CONTROLLER_(FOR_ABROAD)_(ASM.)	1
34	#06	400-70255	ASSY_KNEE_LIFTER	1
35	#02	400-59124	ASSY_OPEN_TOE_FOOT	1
36		400-79514	ALL_ASSY_HARD_CASE	1
37	#02	A9121-503-000	ACCESSORY BAG	1
38	#02	A9103-880-000	EYELET PUNCH	1
		NOTE	#01....FOR HZL-F400 #02....FOR HZL-F600 #03....FOR CE #04....FOR UL #05....FOR BS #06....FOR HZL-F600,HZL-F400 #07....FOR USA,CAN,ITA,FRA,ESP,GRE,GBR #08....FOR NED	

15. PACKING MATERIAL COMPONENTS



REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-78460	TOP_CUSHIONING	1
2		400-78461	BOTTOM_CUSHIONING	1
3		400-78462	TP_CUSHIONING	1
4		400-75778	ACCESSORY_TRAY_SPONGE	1
5		400-78479	THREAD_WAY_PLATE_PAPER	1
6		J0231-008-A00	MACHINE COVER	2
7		A9181-008-000	VINYL	1
8		J0233-500-A00	VPI PAPER	1
9		400-71987	OUTER_PACKING_CASE_F	1
10		400-69617	WT_PACKING_CASE	1
11	#01	A9513-E50-000	VINYL BAG	1
12	#02	A5101-008-X00	VINYL SHEET	1
13	#01	400-84369	WIDE TABLE PAD	1
14		J0231-082-A00	VINYL SHEEY	1
		NOTE	#01.....FOR HZL-F600 #02.....FOR HZL-F600,HZL-F400	

16. OPTIONAL ACCESSORY PARTS COMPONENTS



REF.NO	NOTE	PART NO	DESCRIPTION	Qty
1		400-80949	BP_OPEN_QUILTING_FOOT	1
2		400-80950	BP_FREE_MOTION_CORDING_FOOT	1
3		400-80951	BP_APPLIQUE_FOOT	1
4		400-80952	BP_STITCH_GUIDE_FOOT	1
5		400-80953	BP_CLEAR_QUILTING_FOOT	1
6		400-80654	FOLDING_PLATE_A_RIGHT	1
7		400-80955	BP_INVISIBLE_ZIPPER_FOOT	1
8		400-80956	BP_PEARL_SEWING_FOOT	1
9		400-80957	BP_ZIG_ZAG_ROLLED_HEMMING_FOOT	1
10		400-79795	OP_WIDE_TABLE_SET_F	1
11		400-80958	BP_ROLLED_HEMMING_FOOT	1
12		400-80959	BP_PACHWORK_FOOT	1
13		400-80960	BP_OVERCASTING_FOOT	1
14		400-80961	BP_BLINDSTITCH_FOOT	1
15		400-80962	BP_OPEN_TOE_FOOT	1
16		400-80963	BP_EVEN_FEED_FOOT	1
17		400-80964	BP_QUILTING_FOOT	1
18		400-80965	BP_EDGE_STITCH_FOOT	1
19		400-80966	BP_BH_PRESSER_FOOT	1
20		400-80967	BP_AUXILIARY_SPOOL_PIN	1
21		400-80968	BP_STRAIGHT_STITCH_THROAT_PLATE	1
22		400-80969	BP_BUTTON_SEWING_FOOT	1
23		400-79312	BLISTER_BAG_ASM(DEC_STTICH_FOOT	1

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