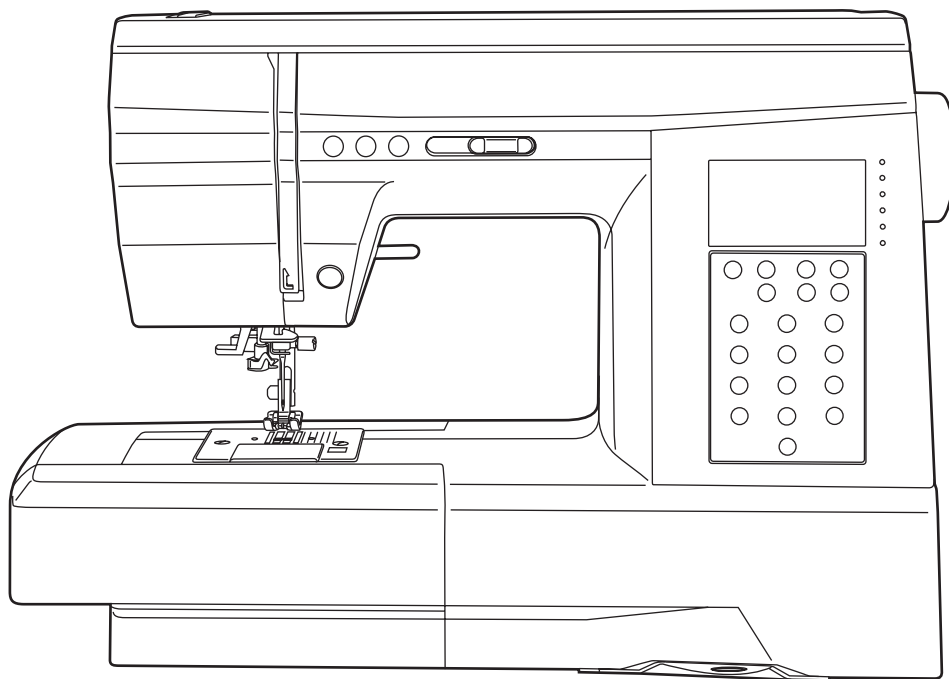
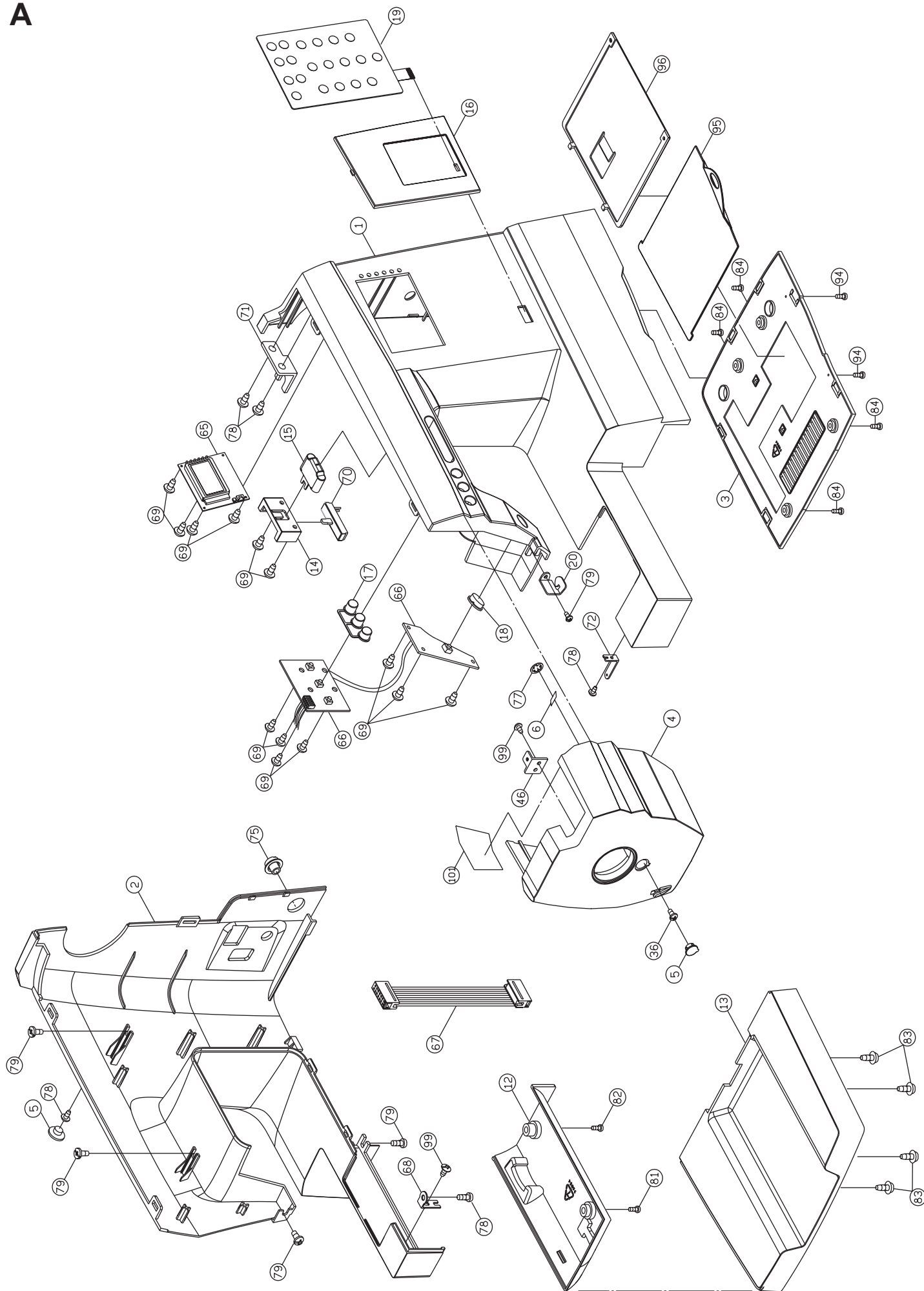


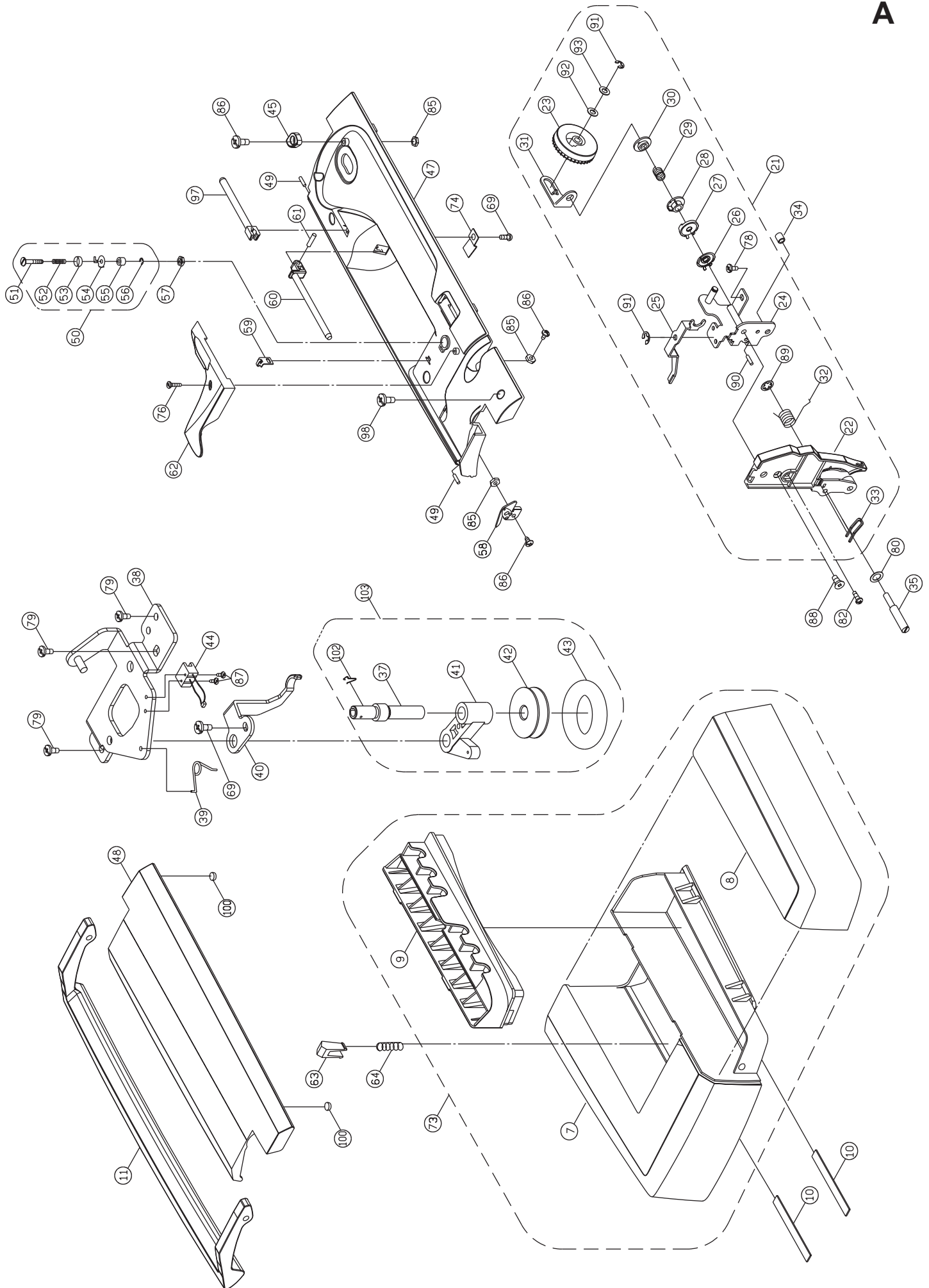
Parts List



Emerald **183**

A





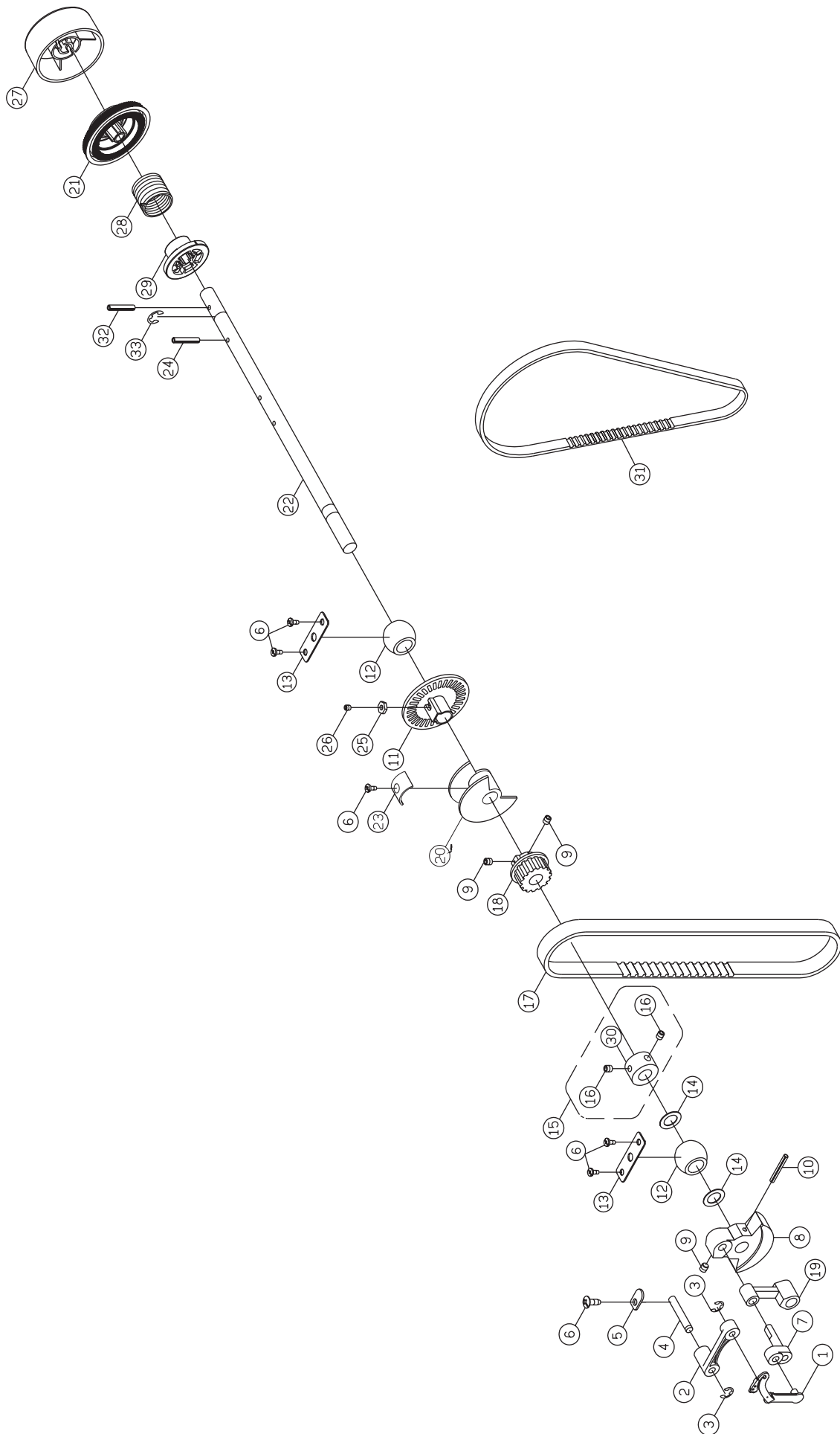
A

NO. PART NO. DESCRIPTION

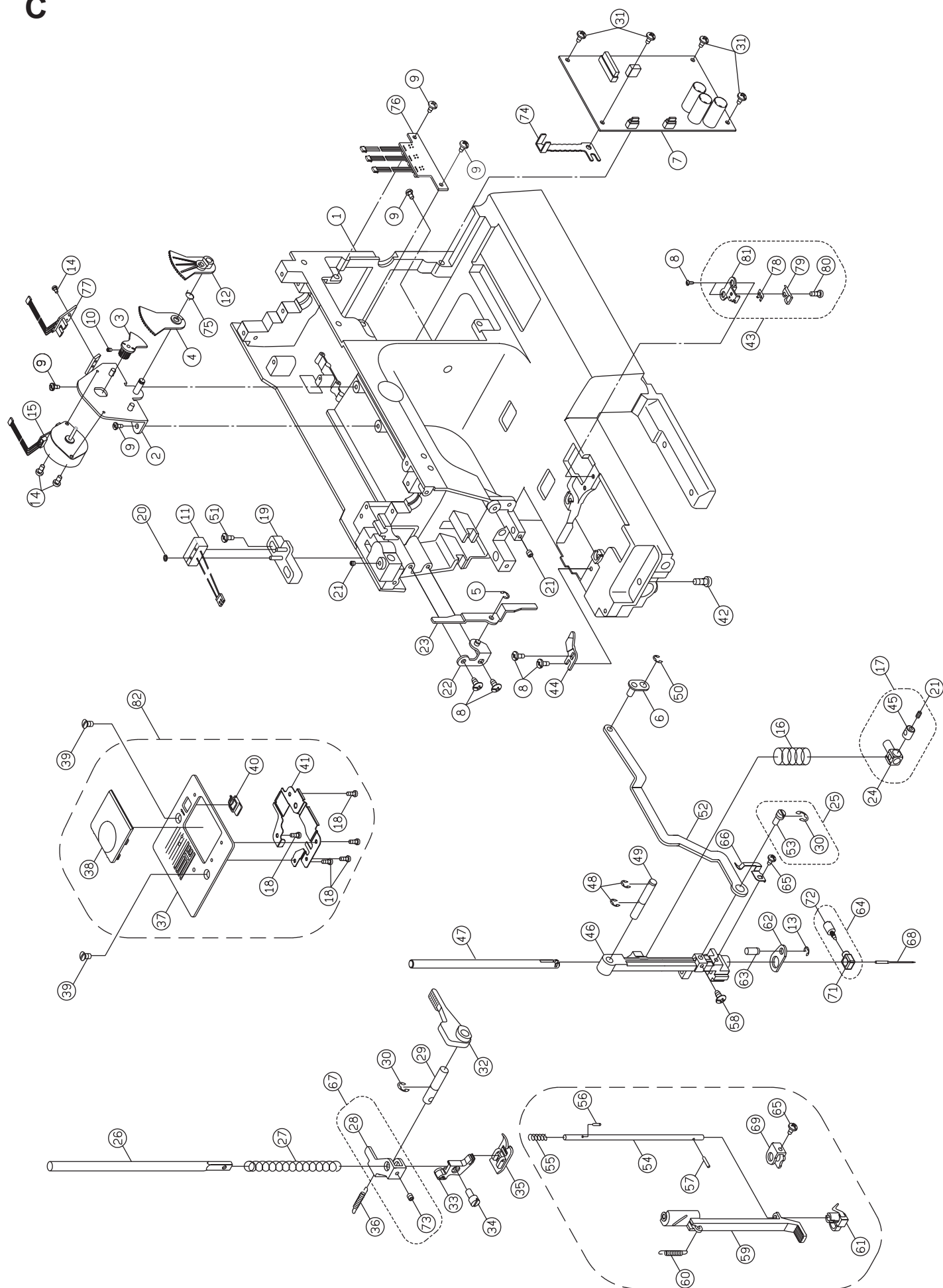
1	N/S	FRONT COVER
2	N/S	BACK COVER
3	N/S	FREE ARM BASE
4	N/S	FACE PLATE
5	416482201	PLUG
6	416172501	THREAD CUTTER
7	N/S	SEWING TABLE BODY
8	416308201	SEWING TABLE BODY COVER
9	416308201	SEWING TABLE BODY BOX
10	N/S	SEWING TABLE BODY FELT
11	N/S	HANDLE
12	N/S	FREE ARM BASE
13	416357401	FREE ARM FOOT BUSH
14	N/S	SLIDE VOLUME KNOB CONNECTOR
15	N/S	SLIDE VOLUME KNOB
16	416333701	PLATE
17	N/S	FUNCTION SET KNOB
18	416309801	NEEDLE/RETURN KNOB
19	N/S	PLATE
20	N/S	ARM TOP COVER THREAD GUIDE PLATE
21	N/S	DIAL TENSION COMPLETE
22	N/S	DIAL TENSION SUPPORTER PLATE COVER
23	N/S	DIAL TENSION KNOB
24	N/S	DIAL TENSION SUPPORTER PLATE
25	N/S	DIAL TENSION WAFT PLATE
26	N/S	DIAL TENSION DISC
27	N/S	DIAL TENSION DISC (1)
28	N/S	DIAL TENSION SPRING REGULATOR
29	N/S	DIAL TENSION SPRING
30	416153801	DIAL TENSION REGULATOR
31	416356301	DIAL TENSION SPRING PLATE
32	416149001	THREAD GUIDE SPRING
33	416171301	THREAD GUIDE
34	N/S	DIAL TENSION GUIDE SPRING TUBE
35	N/S	SET SCREW (M4)
36	416123101	SET SCREW M4*12
37	N/S	BOBBIN WINDER CRANK
38	N/S	BOBBIN WINDER PLATE
39	N/S	BOBBIN WINDER CRANK SPRING
40	N/S	BOBBIN WINDER CLUTCH ROD
41	N/S	BOBBIN WINDER CRANK
42	N/S	BOBBIN WINDER PULLEY
43	N/S	BOBBIN WINDER RUBBER PULLEY
44	N/S	MICRO SWITCH
45	N/S	BOBBIN WINDER STOP
46	N/S	PHOTO SENSOR SUPPORT PLATE
47	N/S	ARM TOP PLATE
48	N/S	ARM TOP COVER
49	N/S	ARM TOP COVER CRANK
50	N/S	BOBBIN WINDER THREAD GUIDE CPL.
51	416148101	BOBBIN WINDER THREAD GUIDE ADJUSTING
52	416148101	BOBBIN WINDER THREAD GUIDE SPRING
53	416148101	BOBBIN WINDER SPRING DISC
54	416148101	BOBBIN WINDER THREAD GUIDE
55	N/S	SPACER

56	416116001	E-RING ETW-3
57	416126801	NUT (ALN-4)
58	N/S	THREAD GUIDE CPL.
59	416145501	THREAD GUIDE
60	N/S	SPOOL ROD
61	N/S	PIN
62	N/S	CONDUCTING WIRE COVER
63	N/S	SEWING TABLE BODY GUIDE
64	N/S	SEWING TABLE BODY GUIDE SPRING
65	416305401	LCD BLACK CONNECTION 28 MM
	N/S	LCD BLACK CONNECTION 23 MM
66	N/S	UP & DOWN FIXED POSITION SWITCH
67	N/S	ROW LINE(1) BLACK 28 MM
	N/S	ROW LINE(1) WHITE 23 MM
68	N/S	ARM BACK COVER SET PLATE
69	N/S	SET SCREW M3*6B
70	N/S	SLIDE VOLUME
71	N/S	FRONT COVER SET PLATE (2)
72	416144401	FRONT COVER SET PLATE
73	N/S	SEWING TABLE CPL.
74	N/S	HOOK COVER SPRING
75	N/S	BH MICRO ADJUSTING KNOB
76	N/S	SET SCREW M2.6*8
77	416116701	CS RING
78	N/S	SET SCREW M4*6B
79	416121501	SET SCREW M4*8A
80	416124101	WASHER(4.2*8*0.8)
81	416121601	SET SCREW M4*12B
82	416121701	SET SCREW M4*15B
83	N/S	SET SCREW M3*12
84	416121101	SET SCREW M4*10B
85	N/S	NUT(M3 T=2.3)
86	N/S	SET SCREW M3*8B
87	416119101	SET SCREW M2*7.5
88	416121901	SET SCREW M4*6
89	416116801	CS RING
90	N/S	PIN
91	416116101	E-RING (ETW-4)
92	N/S	WASHER (WW-5)
93	N/S	WASHER(5.2*10*0.5)
94	N/S	SET SCREW M2.5 L=6
95	N/S	CARD
96	N/S	CARD COVER
97	N/S	SPOOL ROD
98	416119201	SET SCREW M3*6A
99	N/S	SET SCREW M3*8.5A
100	N/S	SPACER
101	N/S	HEAT RESISTANT PLATE
102	416306701	BOBBIN WINDER CRANK SPRING
103	N/S	BOBBIN WINDER CRANK CPL.
104	416482201	PLUG

B



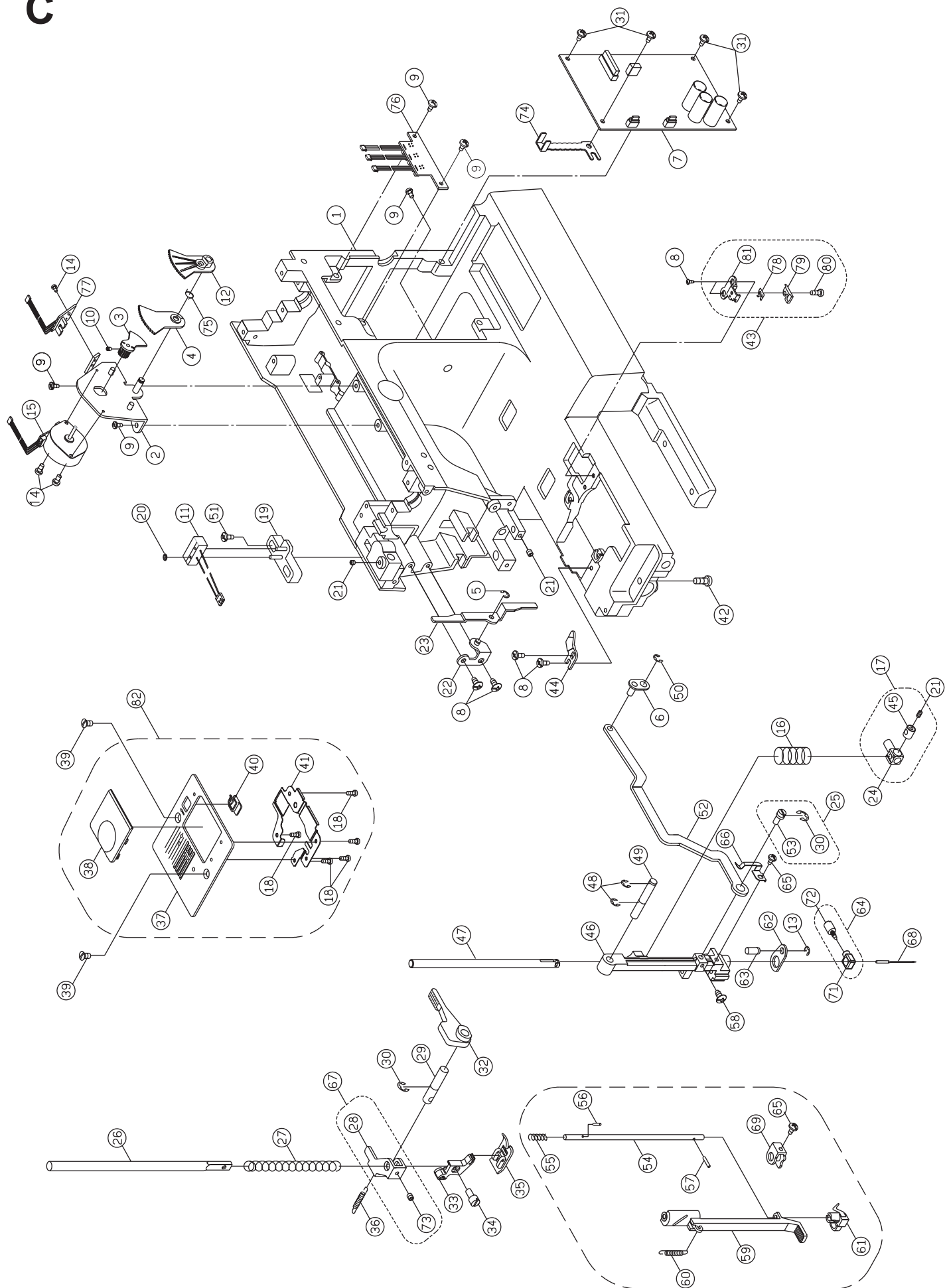
NO.	PART NO.	DESCRIPTION
1	416310701	THREAD TAKE UP LEVER COMPLETE
2	N/S	THREAD TAKE UP LEVER SUPPORTER
3	416116001	E-RING ETW-3
4	N/S	THREAD TAKE UP LEVER SUPPORTER SHAFT
5	N/S	SET WASHER
6	416121501	SET SCREW M4×8A
7	N/S	ARM SHAFT BALANCE PIN COMPLETE
8	N/S	ARM SHAFT BALANCE
9	N/S	SET SCREW (M4×6)
10	N/S	ARM SHAFT BALANCE PIN 3.5×24
11	N/S	REVOLUTION CONTROL PANEL
12	N/S	ARM SHAFT BUSHING
13	N/S	ARM SHAFT BUSHING HOLDER PLATE
14	N/S	ENDURE ATTRITION WASHER
15	N/S	ARM SHAFT COLLAR COMPLETE
16	N/S	SET SCREW M5×5
17	416140501	MOTOR DRIVE BELT
18	N/S	ARM SHAFT SPROCKET
19	N/S	NEEDLE BAR CRANK ROD
20	N/S	ROTARY SENSOR COLLAR
21	N/S	ARM SHAFT DRIVE BELT PULLEY
	N/S	ARM SHAFT DRIVE BELT PULLEY FROM S/N 1103619955
22	N/S	ARM SHAFT
23	N/S	ARC WASHER
24	N/S	SPRING PIN 3×28
25	N/S	NUT (M4 T=3)
26	416121001	SET SCREW (M4×5)
27	416308501	HAND WHEEL
28	N/S	ARM SHAFT CLUTCH ANNULUS SPRING
29	416307201	ARM SHAFT COLLAR
30	N/S	ARM SHAFT COLLAR
31	416129201	MOTOR DRIVE BELT163XXL6.1
	N/S	MOTOR DRIVE BELT (2M-516) FROM S/N 1103619955
32	N/S	SPRING PIN 3×30
33	N/S	E-RING ETW-8



NO. PART NO. DESCRIPTION

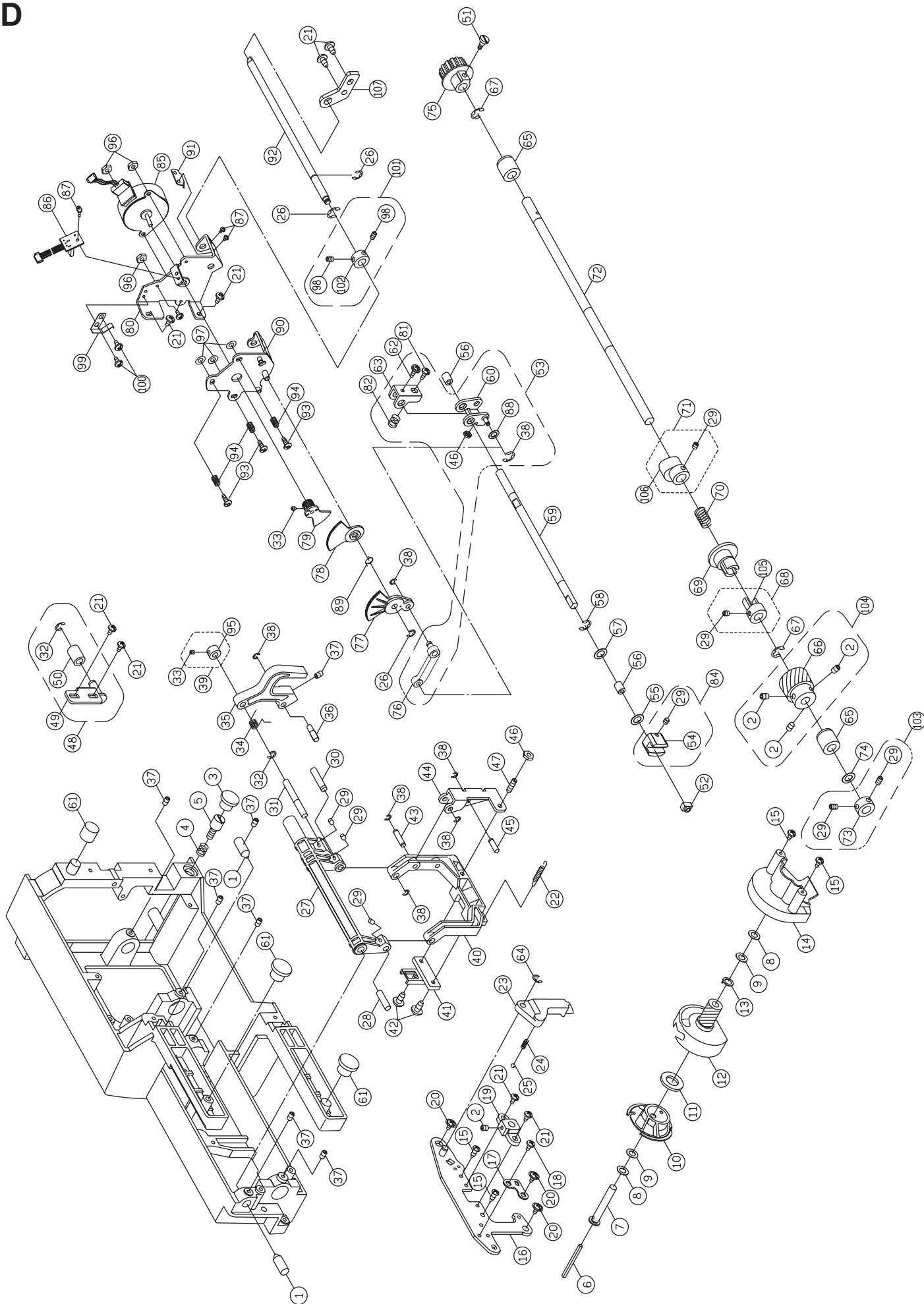
1	N/S	ARM
2	N/S	ZIG ZAG PULSE MOTOR PLATE
3	N/S	PULSE MOTOR GEAR
4	N/S	ZIGZAG CRANK (1)
5	416116001	E-RING ETW-3
6	N/S	NEEDLE BAR DRIVING ROD PLATE
7	416305301	MAIN CIRCUIT BOARD cable connection is Black and 28 mm in size for Feed stepmotor - its Silver triangle top for z-z stepmotor and triangle bottom for feed step motor
	416305302	MAIN CIRCUIT BOARD ,cable connection is Black and 28 mm in size for Feed stepmotor - its Silver triangle top for z-z stepmotor and black disc sensor bottom for feed step motor
	416305303	MAIN CIRCUIT BOARD ,cable connection is Grey and 23 mm in size for Feed stepmotor - its Silver triangle top for z-z stepmotor and black disc sensor bottom for feed step motor
	N/S	MAIN CIRCUIT BOARD cable connection is Grey and 23 mm in size for Feed stepmotor - its Black disc on top for z-z stepmotor and black disc sensor bottom for feed step motor
8	N/S	SET SCREW M4*6B
9	416121501	SET SCREW M4*8A
10	N/S	SET SCREW M3*3
11	N/S	MICRO SWITCH CPL.
12	416133801	ZIG ZAG CRANK (2)
13	416116101	E-RING ETW-4
14	N/S	SET SCREW M3*5A
15	416303901	PULSE MOTOR
16	N/S	TENSION LEVER LIFTER SPRING
17	N/S	NEEDLE BAR BRACKET CPL.
18	N/S	SET SCREW SM3/32*56 L2.3
19	N/S	MICRO SWITCH SEAT(2)
20	N/S	CS RING (CSTW-2)
21	N/S	SET SCREW M4*4
22	N/S	MOVEMENT PLATE SUPPORTER (1)
23	N/S	MOVEMENT PLATE SUPPORTER
24	N/S	NEEDLE BAR BRACKET (1)
25	N/S	NEEDLE BAR DRIVING ROD PIN CPL.
26	416307801	PRESSER BAR
27	N/S	PRESSER BAR SPRING
28	N/S	PRESSER BAR BRACKET
29	N/S	PRESSER BAR LIFTER LEVER SHAFT
30	N/S	E-RING ETW-5
31	416121601	SET SCREW M4*12
32	N/S	PRESSER BAR LIFTER LEVER
33	416304001	SHANK CPL.
34	416302801	SHANK CPL. SET SCREW
35	N/S	ZIG ZAG PRESSER FOOT CPL.
36	N/S	PRESSER BAR BRACKET SPRING
37	416307901	NEEDLE PLATE CPL.
38	416309501	NEEDLE PLATE COVER
39	416122901	SET SCREW M4*6
40	416155201	NEEDLE PLATE COVER OPEN
41	N/S	NEEDLE PLATE SUPPORTER
42	N/S	SET SCREW M3*12B
43	416143901	ROTARY HOOK PLATE CPL.
44	416144001	ROTARY HOOK PLATE
45	N/S	NEEDLE BAR BRACKET (2)
46	416140601	NEEDLE BAR SUPPORTER
47	416307301	NEEDLE BAR
48	N/S	E-RING ETW-5
49	N/S	NEEDLE BAR SUPPORTER PIN

C

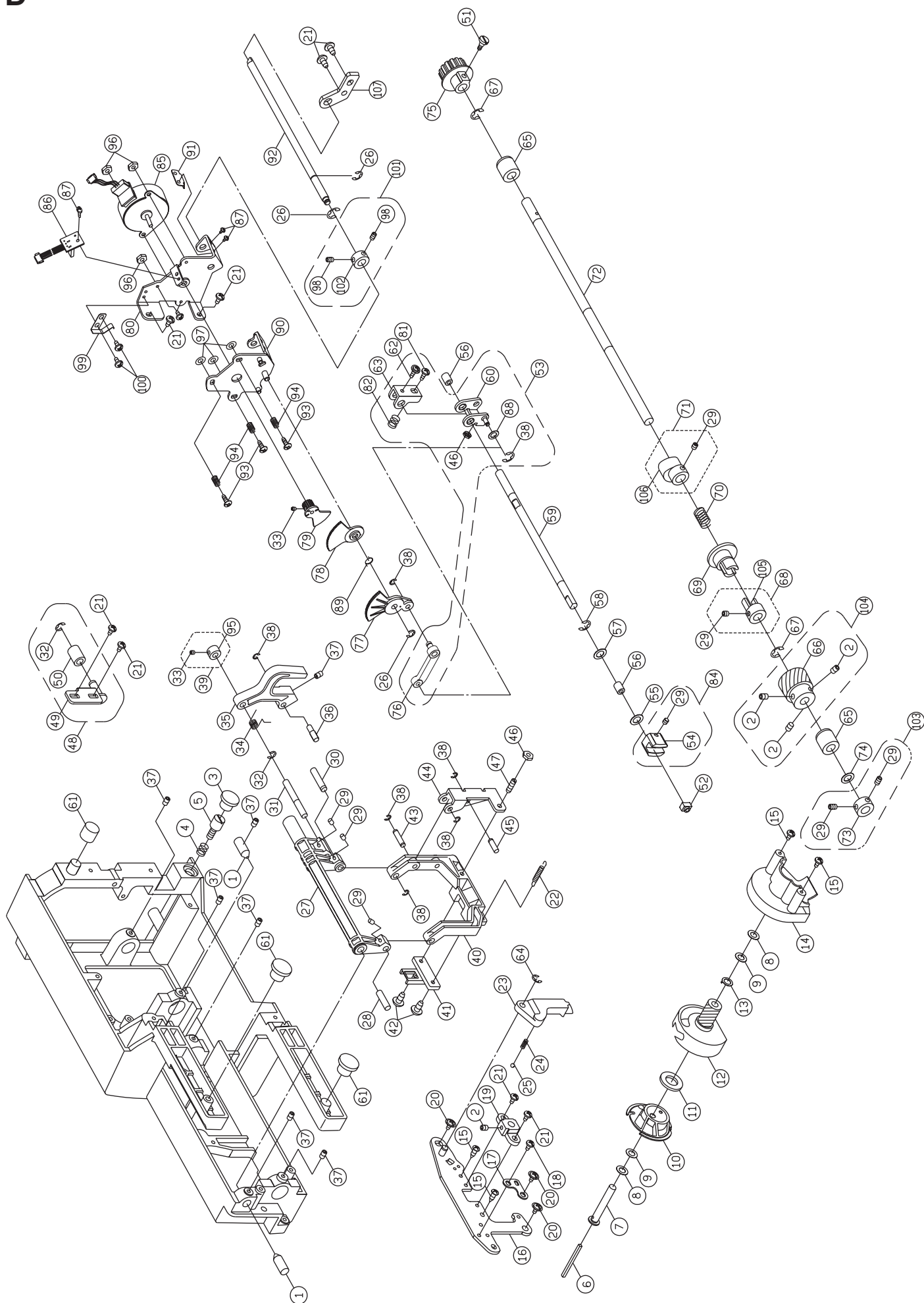


Descriptions on picture C, continue.

50	N/S	E-RING ETW-4
51	416121101	SET SCREW (M4*10B)
52	N/S	NEEDLE BAR DRIVING ROD
53	N/S	NEEDLE BAR DRIVING ROD PIN
54	N/S	AUTO THREADED SHAFT
55	N/S	AUTO THREADED SHAFT SPRING
56	N/S	SPRING PIN 2*14
57	N/S	SPRING PIN2*6 T=0.4
58	N/S	SET SCREW 9/64*40*5
59	416140801	AUTO THREADED LEVER
60	N/S	AUTO THREADED LEVER SPRING
61	416145801	AUTO THREADED
62	N/S	NEEDLE BAR SUPPORTER PLATE
63	416141301	NEEDLE BAR SUPPORTER PLATE PIN
64	416307401	NEEDLE CLAMP CPL.
65	416119201	SET SCREW M3*6A
66	N/S	NEEDLE BAR DRIVING ROD SPRING PLATE
67	N/S	PRESSER BAR BRACKET CPL.
68	N/S	NEEDLE
69	N/S	AUTO THREADED STOPPER (1)
71	N/S	NEEDLE CLAMP
72	N/S	SET SCREW
73	416121001	SET SCREW (M4*5)
74	N/S	ELECTRIC WIRE PRESS BOARD
75	N/S	CRANK SPRING
76	416303401	PHOTO SENSOR CPL.
77	416303101	PHOTO SENSOR CPL.
78	416143901	ROTARY HOOK PLATE SPRING (2)
79	416143901	ROTARY HOOK PLATE SPRING (1)
80	416119001	SET SCREW (M2*2.5)
81	416143901	ROTARY HOOK PLATE (2)
82	416307901	NEEDLE PLATE CPL.



NO.	PART NO.	DESCRIPTION
1	N/S	FEED CRANK SHAFT
2	416121001	SET SCREW M4*5
3	416496401	FREE ARM VASE CUSHION RUBBER
4	416147301	BASE PLATE ADJUSTMENT SCREW SPRING
5	N/S	BASE PLATE ADJUSTMENT SCREW
6	N/S	BOBBIN SHAFT OIL CLOTH
7	416145401	BOBBIN SHAFT
8	416155601	BOBBIN SHAFT WASHER (2)
9	416125901	ENDURE ATTRITION WASHER
10	416489001	SHUTTLE HOOK CPL.
11	N/S	MAGNET
12	416156001	SHUTTLE HOOK HOLDER
13	N/S	BOBBIN SHAFT WASHER (3)
14	416143601	NEEDLE PLATE COVER
15	N/S	SET SCREW M3*12
16	N/S	ROTARY HOOK HOLDER
17	N/S	ROTARY HOOK HOLDER POSITIONED PLATE
18	N/S	SET SCREW M4*6B
19	N/S	ROTARY HOOK SUPPORTER
20	N/S	SET SCREW M4*8
21	416121501	SET SCREW M4*8A
22	N/S	FEED DOG FRAME SPRING
23	N/S	FEED LIFTING SHAFT
24	N/S	FEED LIFTING SHAFT SPRING
25	N/S	STEEL BALL
26	N/S	E-RING ETW-4
27	N/S	FEED ROCK SHAFT
28	N/S	FEED ROCK FRAME SHAFT (2)
29	N/S	SET SCREW M4*4
30	N/S	FEED ROCK FRAME SHAFT (1)
31	N/S	FEED ROCK BUSHING PIN
32	416116101	E-RING ETW-4
33	N/S	SET SCREW (M3*3)
34	N/S	FEED SHAFT SPRING
35	N/S	FEED ROCK CRANK
36	N/S	FEED ROCK CRANK PIN
37	N/S	SET SCREW M4×6
38	416116001	E-RING ETW-3
39	N/S	FEED ROCK SHAFT COLLAR CPL
40	N/S	FEED ROCK FRAME
41	416148201	FEED DOG
42	416118201	SET SCREW SM 1/8*44*5
43	N/S	FEED LIFTING ROCK CRANK PIN (1)
44	N/S	FEED LIFTING ROCK CRANK
45	N/S	FEED LIFTING ROCK CRANK PIN (2)
46	416126801	ADJUSTING NUT (ALN4)
47	N/S	FEED BACK CRANK SCREW
48	N/S	BELT ADJUSTING PLATE CPL.
49	N/S	BELT ADJUSTING PLATE
50	N/S	BELT ADJUSTING PLATE PULLEY
51	N/S	SET SCREW M3*14.5
52	N/S	FEED REGULATING BLOCK
53	N/S	FEED REGULATING PLATE CPL.
54	N/S	FEED REGULATING
55	416125601	ENDURE ATTRITION WASHER
56	N/S	FEED ROCK BUSHING
57	N/S	WASHER 6.7*12*1

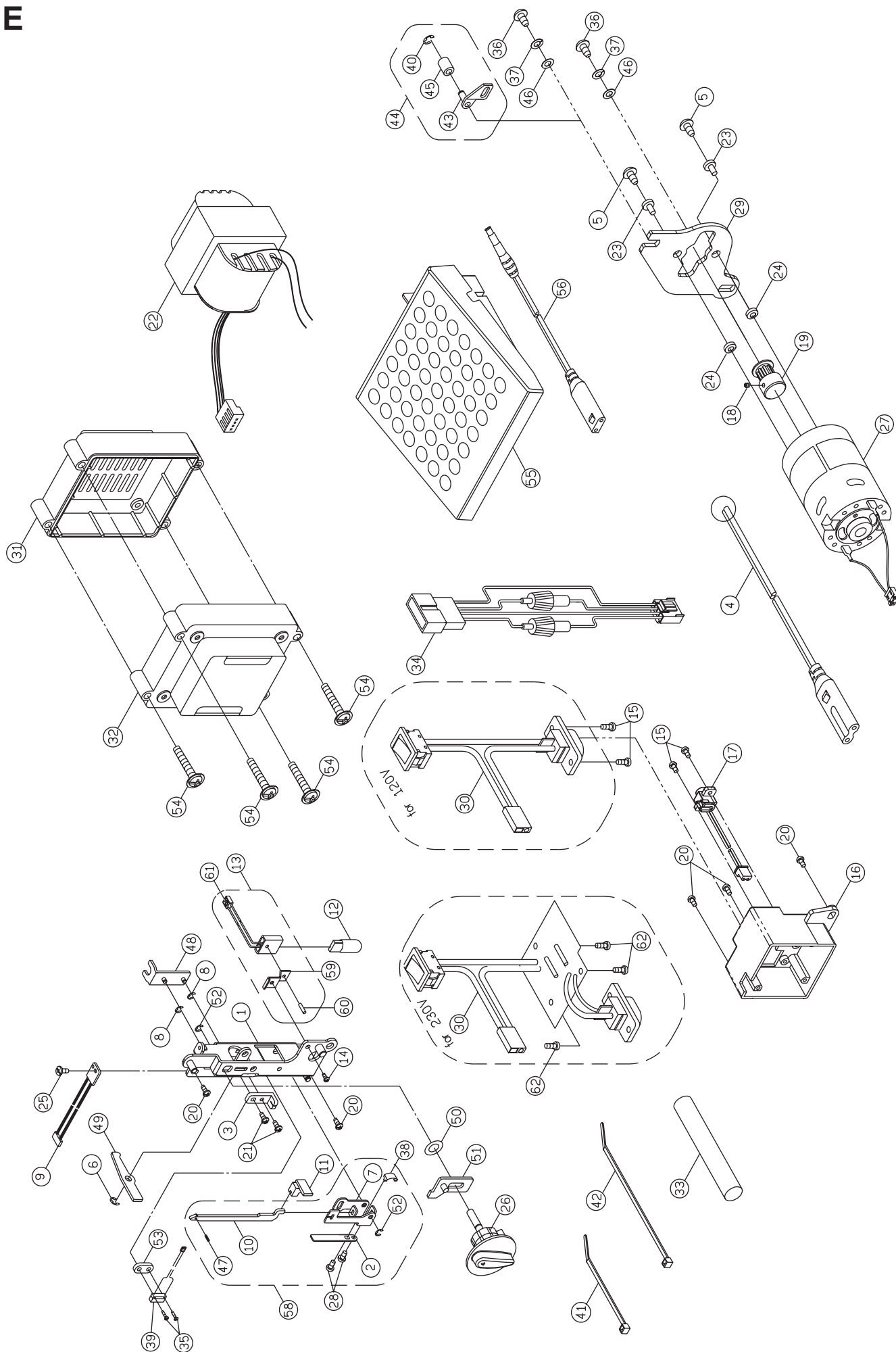


Descriptions on picture D, continue.

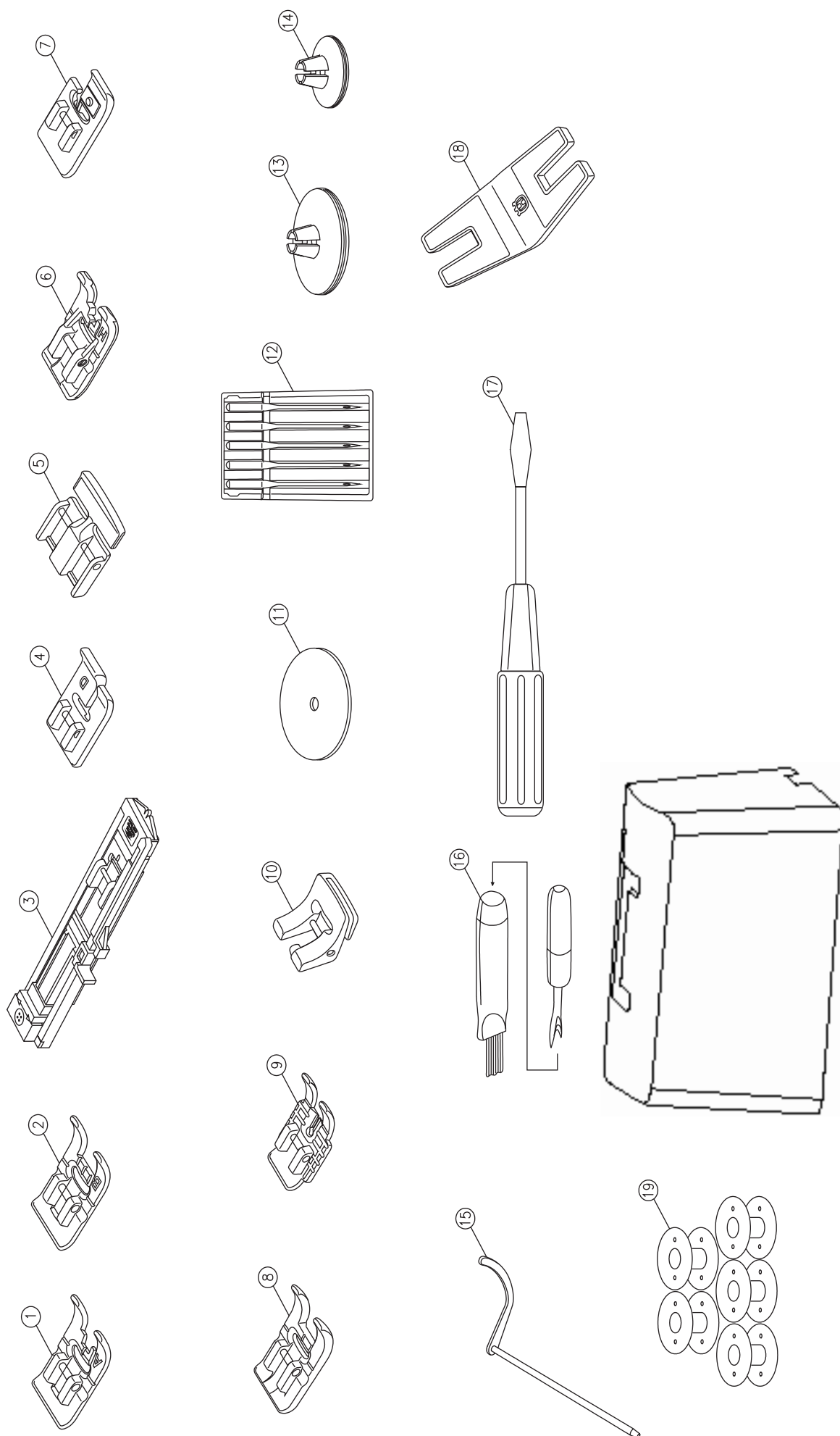
D

NO. PART NO. DESCRIPTION

58	416116601	E-RING ETW-5
59	N/S	FEED REGULATING SHAFT
60	N/S	FEED REGULATING CRANK
61	416147001	FREE ARM VASE CUSHION RUBBER
62	N/S	SET SCREW M3*0.5 L12
63	N/S	FEED CRANK
64	N/S	E-RING ETW-4
65	N/S	LOWER SHAFT BUSHING
66	N/S	LOWER SHAFT GEAR
67	N/S	E-RING ETW-6
68	N/S	FEED LIFTING ROCK CAM CPL.
69	N/S	FEED LIFTING ROCK CAM
70	N/S	LOWER SHAFT SPRING
71	N/S	FEED ROCK CAM CPL.
72	N/S	LOWER SHAFT
73	N/S	LOWER SHAFT COLLAR
74	N/S	ENDURE ATTRITION WASHER
75	N/S	LOWER SHAFT BELT PULLEY
76	N/S	FEED ROCK ROD
77	N/S	FEED ROCK CRANK (1)
78	N/S	FEED ROCK CRANK (2)
79	N/S	PULSE MOTOR GEAR
80	N/S	PULSE SUPPORT PLATE
81	N/S	FEED REGULATING CRANK SET SCREW
82	N/S	FEED REGULATING CRANK SPRING
84	N/S	FEED REGULATING CPL.
85	416303901	PULSE MOTOR
86	416303101	PHOTO SENSOR CPL.
87	N/S	SET SCREW (M3*5A)
88	416124101	WASHER (4.2*8*0.8)
89	N/S	ZIGZAG WIDTH FEED ROCK CRANK SPRING
90	N/S	FEED ROCK PLATE
91	N/S	FEED ROCK SHAFT STRESS PLATE
92	N/S	FEED ROCK SHAFT
93	N/S	SET SCREW
94	N/S	PULSE MOTOR SPRING
95	N/S	FEED ROCK SHAFT COLLAR
96	N/S	NUT (M3 T=2.3)
97	N/S	WASHER (4*8*0.5)
98	N/S	SET SCREW (M4*3)
99	N/S	FEED ROCK STRESS PLATE
100	N/S	SET SCREW (M3*5B)
101	N/S	LOWER SHAFT COLLAR CPL.
102	N/S	LOWER SHAFT COLLAR
103	N/S	LOWER SHAFT COLLAR CPL.
104	N/S	LOWER SHAFT GEAR CPL.
105	N/S	FEED LIFTING ROCK CAM
106	N/S	FEED ROCK CAM
107	N/S	FEED ROCK PLATE
108	N/S	FEED STEP MOTOR UNIT CPL. (# 78100)
		NEW VERSION FROM SERIAL NUMBER 1105223980
		CAN ONLY BE USED TOGHETER WITH 416305302 MAIN CIRCUIT BOARD V28.6



NO.	PART NO.	DESCRIPTION			
1	N/S	BH LEVER PLATE	49	N/S	PRESSURE PLATE CRANK
2	N/S	BH LEVER CRANK SPRING	50	N/S	WASHER (5.2*10*0.2)
3	N/S	BH MOVEMENT CRANK	51	N/S	PRESSURE PLATE
4	412157903	SUPPLY CORD 120V	52	N/S	E-RING (ETW-4)
4	N/S	SUPPLY CORD 120VJAP	53	N/S	MICRO SWITCH SET
4	412157801	SUPPLY CORD 230V	54	N/S	SET SCREW M4*0.7 L=50
4	412158002	SUPPLY CORD UK	55	412773401	FOOT CONTROLLER
4	N/S	SUPPLY CORD AUS	56	413021501	SUPPLY CORD
5	N/S	SET SCREW M3×10	58	N/S	BH LEVER CRANK CPL.
6	N/S	WASHER (8.2*12*0.5)	59	N/S	LAMP RECEPTACLE
7	N/S	BH LEVER CRANK	60	N/S	PIN
8	416116001	E-RING ETW-3	61	N/S	SUPPLY CORD
9	416303201	PHOTO SENSOR CPL.	62	N/S	SET SCREW (M3*8B)
10	N/S	BH LEVER			
11	N/S	BH LEVER BUTTON			
12	413181801	LAMP			
13	N/S	LAMP RECEPTACLE CPL.			
14	416119201	SET SCREW M3*6A			
15	N/S	SET SCREW M3*12			
16	N/S	RECEPTACLE HOLDER			
17	416355401	CONTROLLER RECEPTACLE 120 V			
	416355402	CONTROLLER RECEPTACLE 220 V			
18	416 120 101	SET SCREW (M3*3)			
19	416115901	MOTOR WHEEL			
	N/S	MOTOR WHEEL FROM S/N 1103619955			
20	416121501	SET SCREW M4*8A			
21	N/S	SET SCREW M3*5A			
22	N/S	TRANCE FORMER (FOR 120V)			
22	416312201	TRANCE FORMER (FOR 230V)			
23	N/S	INSULATION SPACER			
24	N/S	INSULATION SPACER			
25	N/S	SET SCREW M3*0.5*5A			
26	N/S	PRESSURE ADJUSTING BUTTON			
27	416357901	DC MOTOR CPL.			
28	N/S	SET SCREW M3*5B			
29	N/S	MOTOR BRACKET			
30	N/S	SWITCH RECEPTACLE ASS'Y (FOR 120V)			
30	416305701	SWITCH RECEPTACLE ASS'Y (FOR 230V)			
31	N/S	TRANCE FORMER COVER (1)			
32	N/S	TRANCE FORMER COVER (2)			
33	N/S	INSULATING SLEEVE			
34	N/S	SAFETY WIRE CPL.			
35	N/S	SET SCREW ((M2*10 B)			
36	N/S	SET SCREW (M5*12)			
37	N/S	SPRING WASHER (5.1*9.2*1.3)			
38	N/S	BH SPRING PLATE			
39	N/S	MICRO SWITCH(B/H)			
40	416116101	E-RING (ETW-4)			
41	N/S	CORD CLIP			
42	N/S	CORD CLIP			
43	N/S	BELT ADJUSTING PLATE			
44	N/S	BELT ADJUSTING PLATE CPL.			
45	N/S	BELT ADJUSTING PLATE PULLEY			
46	N/S	WASHER(5.4*10*0.9)			
47	N/S	SPRING PIN (Ø1.6*5)			
48	N/S	PRESSER BAR SPRING HOLDER PLATE			



NO.	PART NO.	DESCRIPTION
1	412764001	UTILITY FOOT (A)
2	413113646	PRESSER FOOT (B)
3	416304101	BUTTONHOLE SLIDER FOOT (C)
4	412380445	BLIND HEM FOOT (D)
5	412801545	ZIPPER FOOT (E)
6	412796145	NON STICK GLIDE FOOT (H)
7	412380645	EDGING FOOT (J)
8	413113846	TRANSPARENT FOOT (B)
9	412370845	PIECING FOOT (P)
10	412797145	GATHERING FOOT
11	412610701	FELT PAD
12	N/S	NEEDLE PACK
13	412371102	SPOOL HOLDER (LARGE)
14	412371101	SPOOL HOLDER (SMALL)
15	412601945	EDGE/QUILTIN GUIDE
16	416030401	SEAM RIPPER
	416040901	BRUSH
17	412381501	SCREW DRIVER
18	413105601	CLEARANCE PLATE
19	68000175	BOBBINS
20	416315901	HARD CASE EMERALD 183
21	N/S	OPERATING MANUAL EMERALD 183, SWE
	N/S	OPERATING MANUAL EMERALD 183, DAN
	N/S	OPERATING MANUAL EMERALD 183, FIN
	N/S	OPERATING MANUAL EMERALD 183, NOR
	N/S	OPERATING MANUAL EMERALD 183, ENG
	N/S	OPERATING MANUAL EMERALD 183, FRE
	N/S	OPERATING MANUAL EMERALD 183, DUT
	N/S	OPERATING MANUAL EMERALD 183, ITA
	N/S	OPERATING MANUAL EMERALD 183, SPA
	N/S	OPERATING MANUAL EMERALD 183, GER
	N/S	OPERATING MANUAL EMERALD 183, RUS
	N/S	OPERATING MANUAL EMERALD 183, POL
	N/S	OPERATING MANUAL EMERALD 183, CZE

