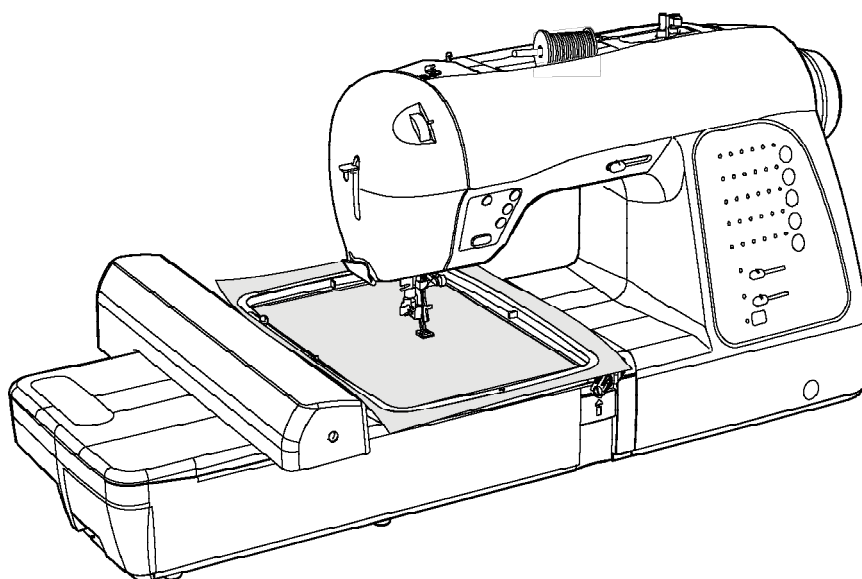


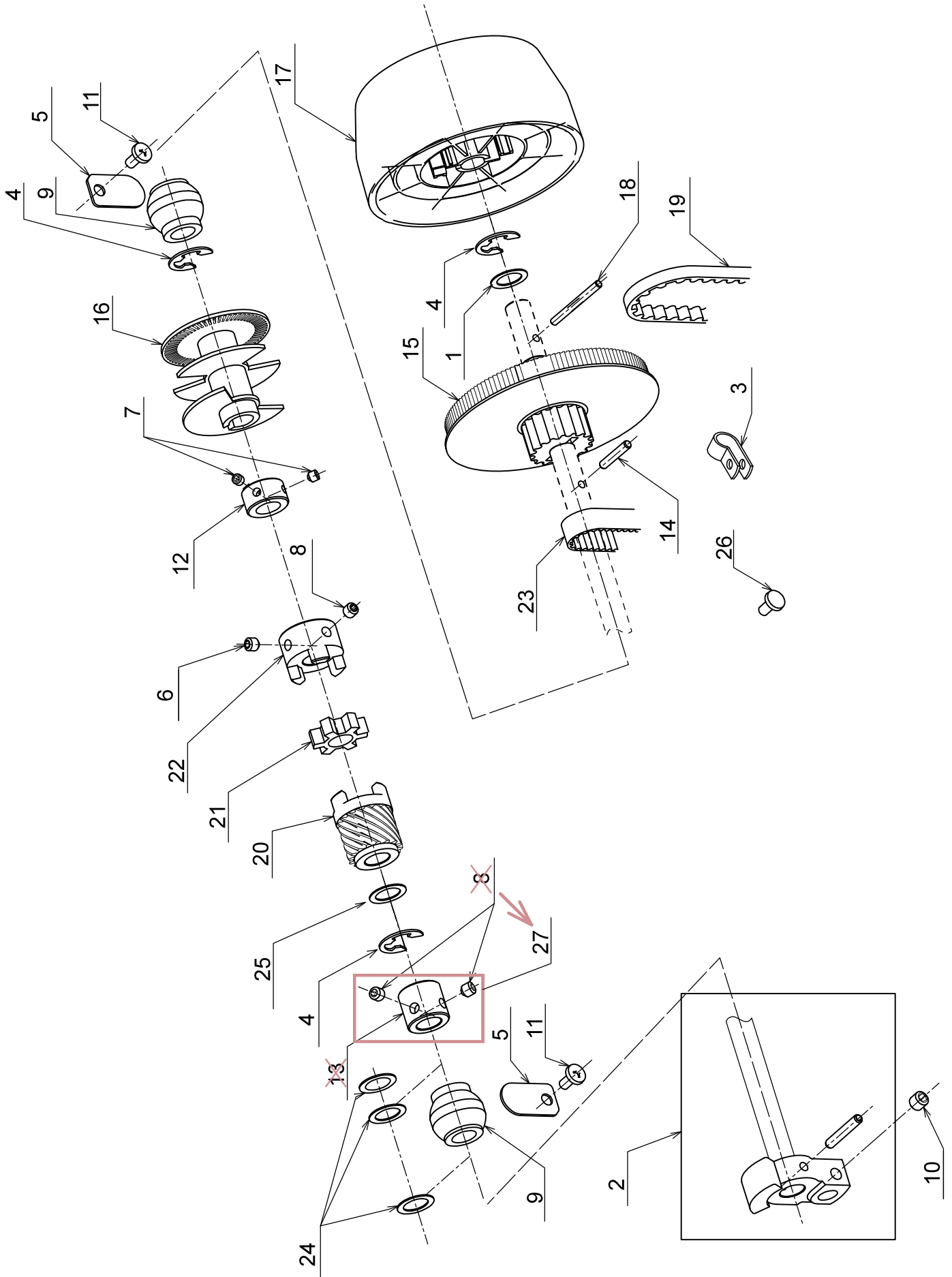


SINGER | Futura™

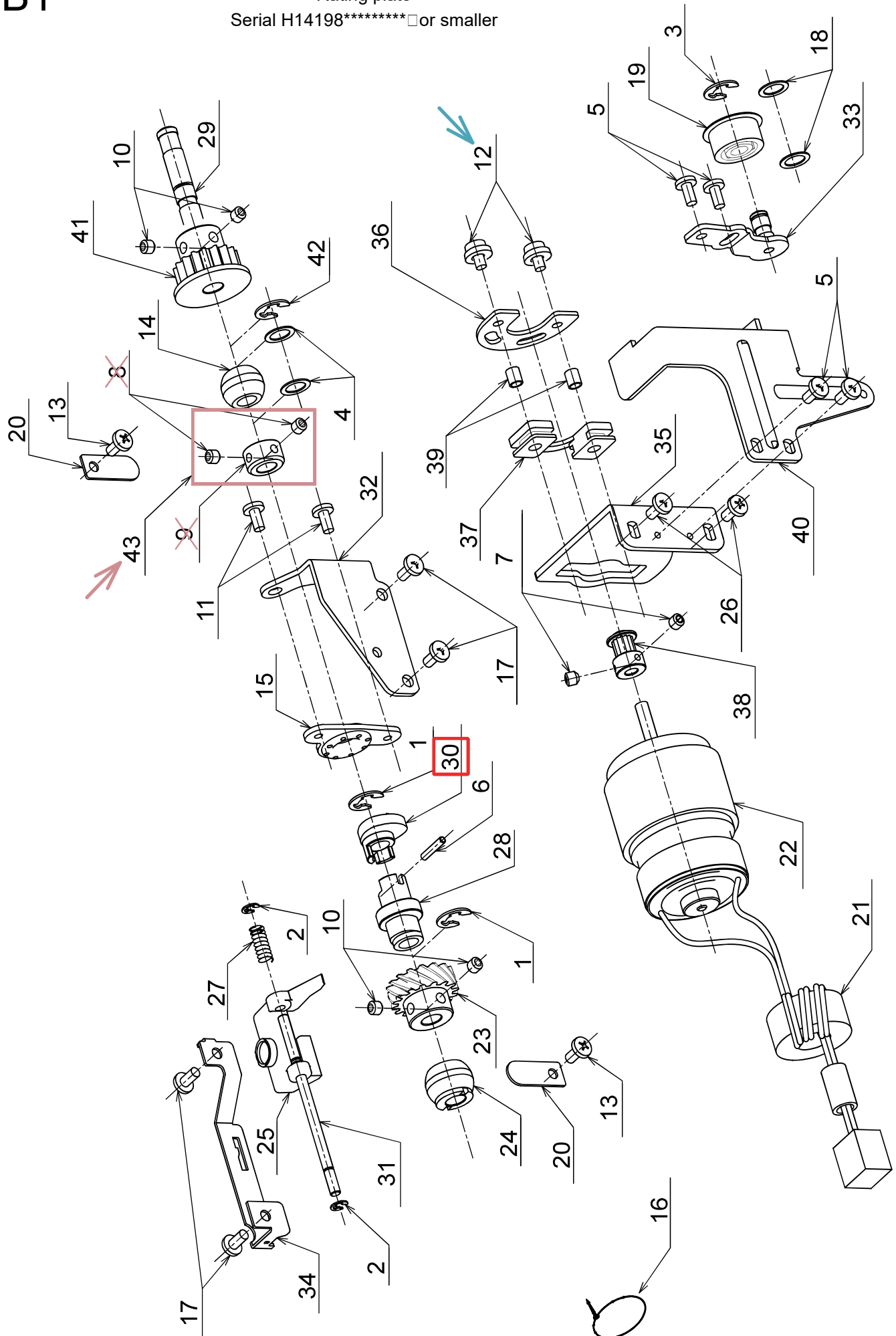
FQ-4, XL-400,
SEQS-6000, XL-420



Liste de pièces
Lista de Piezas
Parts List



Pos	Part No	Description
1	270 043389	THRUST WASHER
2	416593301	MAIN SHAFT WITH BALANCER
3	270 058741	CORD GUARD
4	416826701	E9 CLIP-ON-WASHER
5	270 066235	SECURING PLATE
6	270 066474	M5 SCREW
7	270 066725	M4 SCREW
8	270 067447	M5 SCREW
9	270 068152	BALL BUSH
10	270 073371	M6 SCREW
11	270 073434	M4 PHILIPS SCREW
12	270 085013	POSITIONING COLLAR
13	416433401	COLLAR
14	416433401	SPRING PIN
15	416433301	DOUBLE T PULLEY
16	416433701	CAM SENSOR
17	416433101	PULLEY
18	416461001	PIN
19	416433501	DRIVING BELT
20	416558601	MAIN SHAFT SCREW GEAR
21	416665101	RUBBER CUSHION
22	416665201	MAIN SHAFT SCREW GEAR FIXING RING
23	416433601	TIMING BELT
24	68009434	WASHER
25	270 074358	WASHER
26	270 077042	M4 PHILIPS SCREW
27	416531201	COLLAR SET

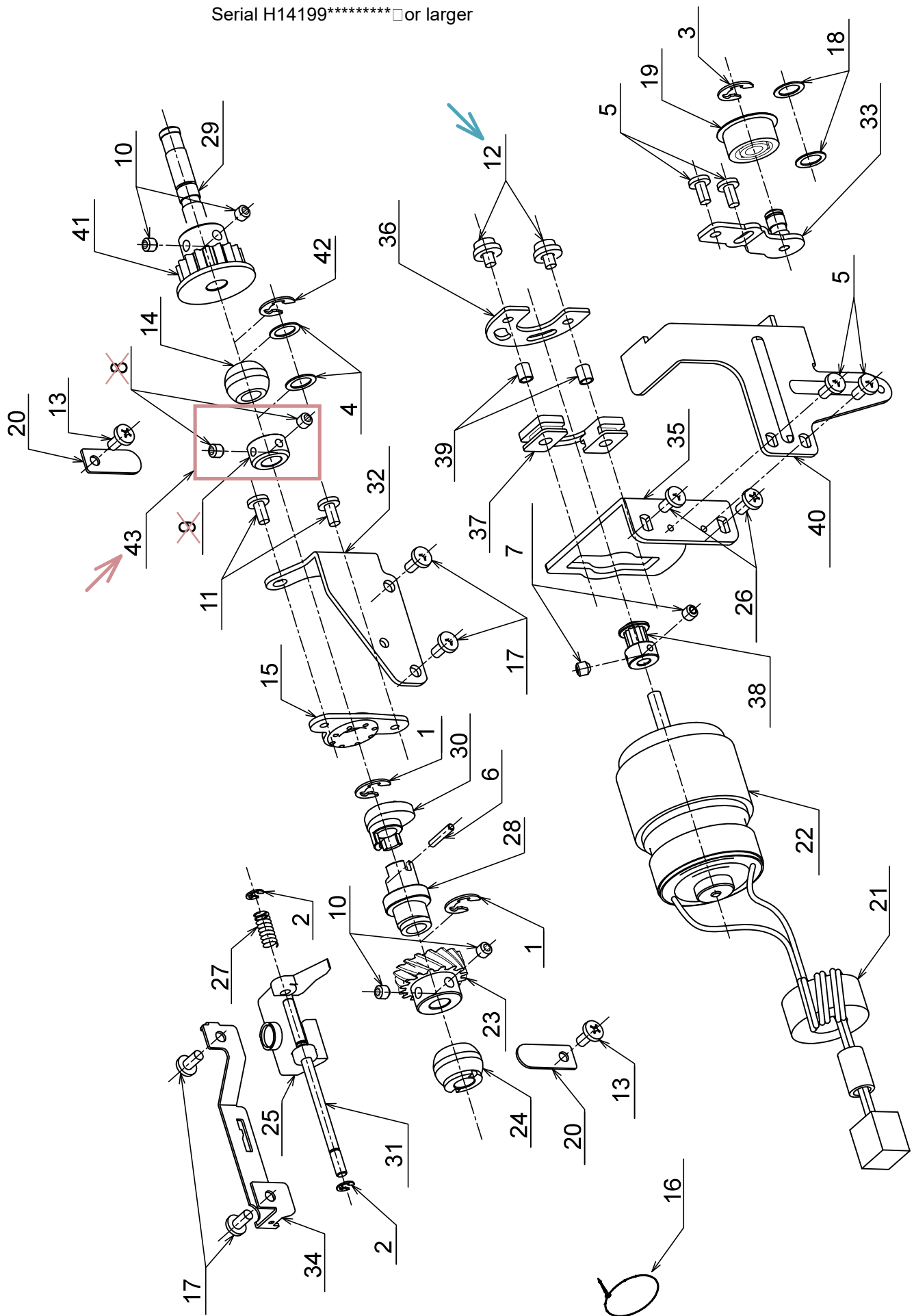


Pos	Part No	Description
1	270 001504	E7 CLIP-ON-WASHER
2	270 001520	E3 CLIP-ON-WASHER
3	270 010963	E6 CLIP-ON-WASHER
4	270 063501	WASHER
5	270 061222	M4 PHILIPS SCREW
6	270 064179	SPRING PIN
7	270 064653	M3 SCREW
8		M4 SCREW
9		COLLAR
10	270 067447	M5 SCREW
11	270 072367	M4 CP SCREW
12	416777201	CP BOLT
13	270 073434	M4 PHILIPS SCREW
14	270 076141	BALL METAL
15	68013616	LOWER SHAFT GUIDE
16	270 077041	UNITY FASTENER
17	270 077042	M4 PHILLIPS SCREW
18	270 077056	WASHER
19	270 085138	TENSION ROLLER
20	270 085247	SECURING PLATE
21	270 085318	FERRITE RING
22	416486301	MAIN MOTOR ASSY.
23	416434001	BEVEL GEAR
24	270 087170	BALL METAL
25	270 087226	VERTICAL FEED BLOCK
26	416821901	CP BOLT
27	270 087433	TORSION SPRING
28	270 088115	LIFTING CAM
29	416434101	LOWER SHAFT
30	416434201	FEED CAM (Substitute 68014698 for 416434201)
31	416774701	VERTICAL SHAFT
32	416774801	SHAFT SUPPORT
33	416434301	TENSION ROLLER SUPPORT
34	416774901	DROP LEVER GUIDE
35	416775001	MAIN MOTOR SUPPORT
36	416775101	M BRACKET
37	416434401	M CUSHION
38	416434501	MOTOR PULLEY
39	416434601	PIPE BUSH
40	416775301	SECURING PLATE
41	416434701	LOWER SHAFT BELT PULLEY
42	416775401	C8 CLIP-ON-WASHER
43	416534301	COLLAR SET

Rating plate
Serial H14198*****□ or smaller

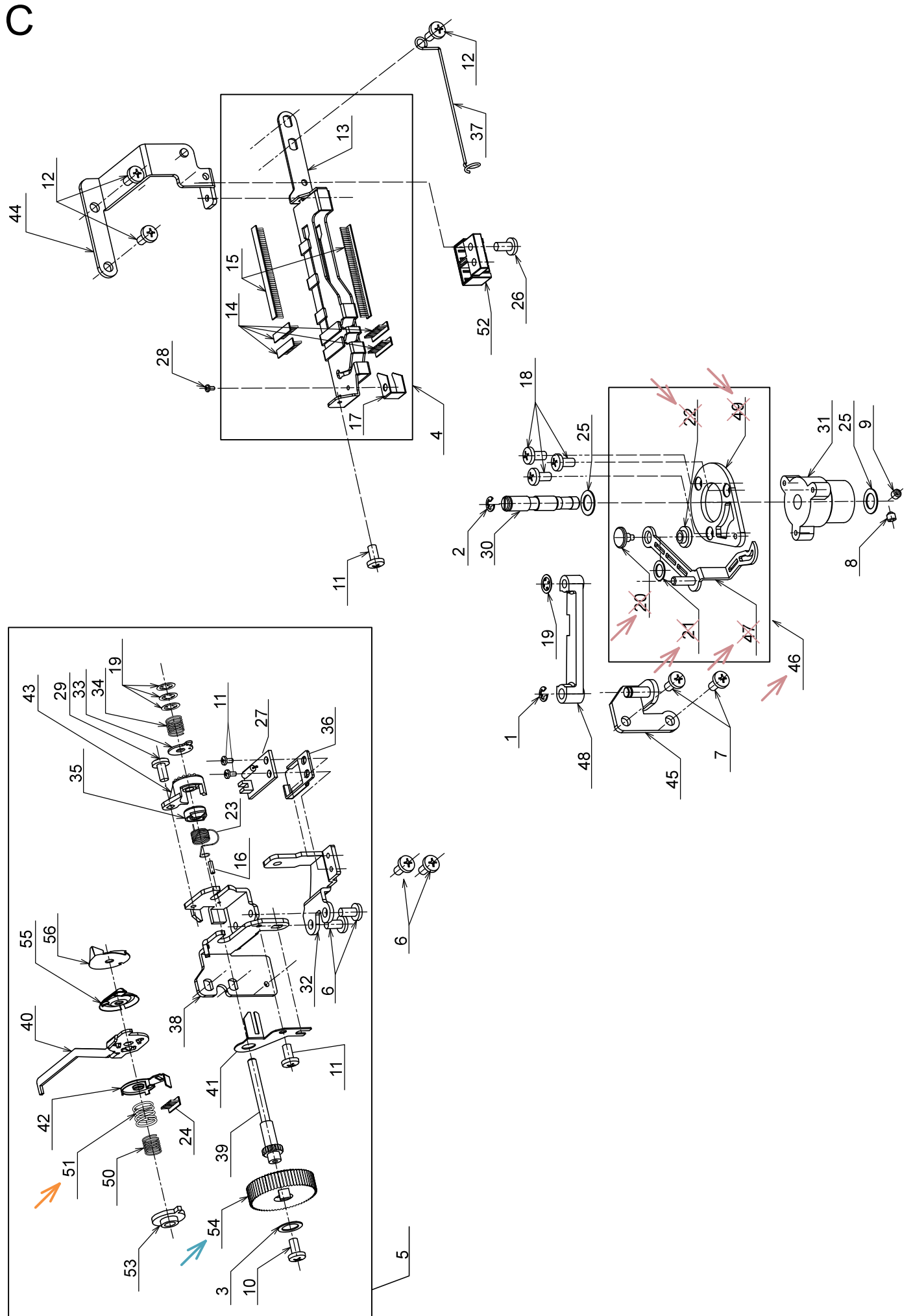
B2

Rating plate
Serial H14199*****□ or larger

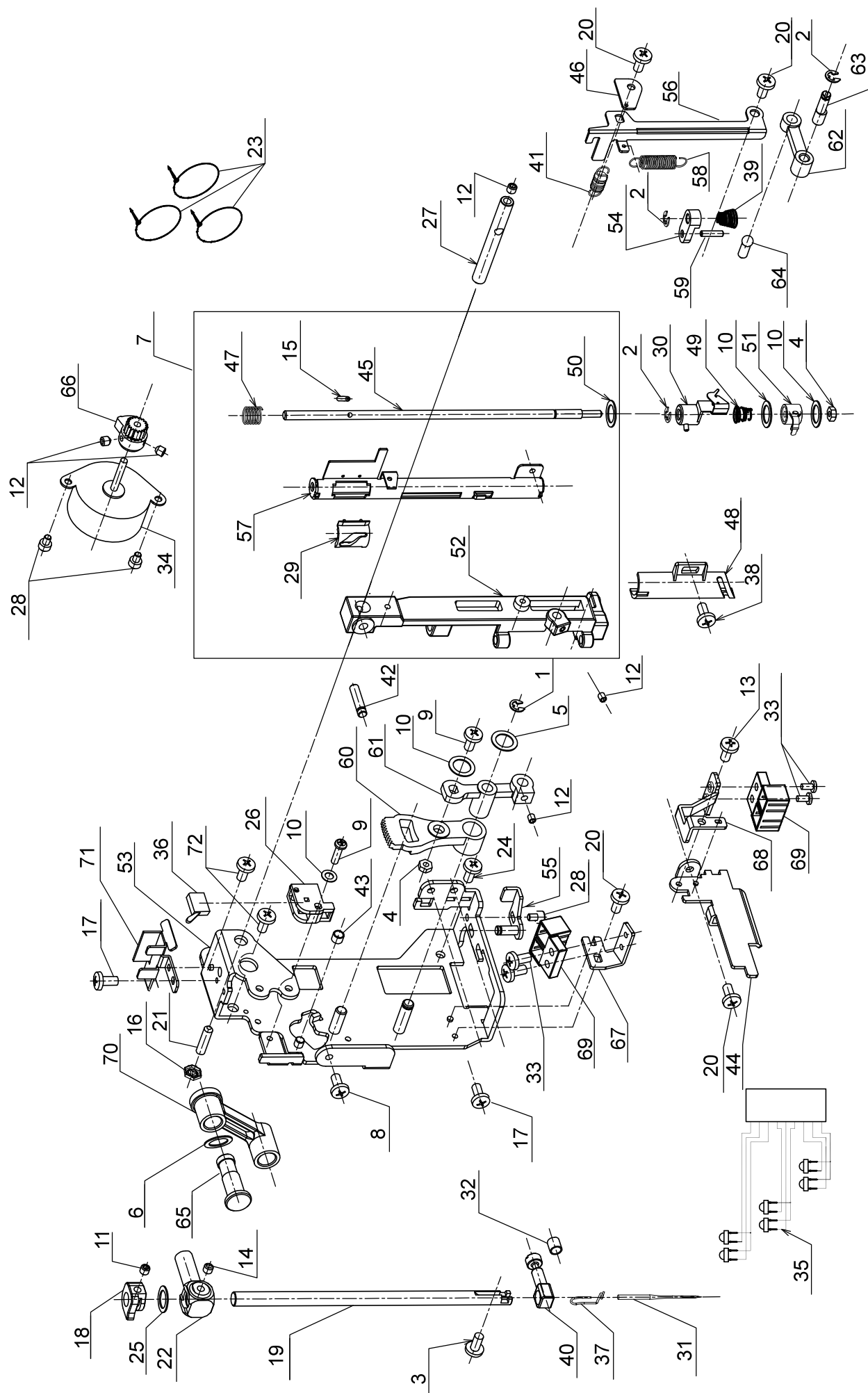


Pos	Part No	Description
1	270 001504	E7 CLIP-ON-WASHER
2	270 001520	E3 CLIP-ON-WASHER
3	270 010963	E6 CLIP-ON-WASHER
4	270 063501	THRUST WASHER
5	270 061222	M4 PHILIPS SCREW
6	270 064179	SPRING PIN
7	270 064653	M3 SCREW
8		M4 SCREW
9		COLLAR
10	270 067447	M5 SCREW
11	270 072367	M4 CP SCREW
12	416777201	CP BOLT
13	270 073434	M4 PHILIPS SCREW
14	270 076141	BALL METAL
15	68013616	LOWER SHAFT GUIDE
16	270 077041	UNITY FASTENER
17	270 077042	M4 PHILLIPS SCREW
18	270 077056	WASHER
19	270 085138	TENSION ROLLER
20	270 085247	SECURING PLATE
21	270 085318	FERRITE RING
22	416486301	MAIN MOTOR ASSY.
23	416434001	BEVEL GEAR
24	270 087170	BALL METAL
25	270 087226	VERTICAL FEED BLOCK
26	416821901	CP BOLT
27	270 087433	TORSION SPRING
28	270 088115	LIFTING CAM
29	416434101	LOWER SHAFT
30	270 087228	FEED CAM
31	416774701	VERTICAL SHAFT
32	416774801	SHAFT SUPPORT
33	416434301	TENSION ROLLER SUPPORT
34	416774901	DROP LEVER GUIDE
35	416775001	MAIN MOTOR SUPPORT
36	416775101	M BRACKET
37	416434401	M CUSHION
38	416434501	MOTOR PULLEY
39	416434601	PIPE BUSH
40	416775301	SECURING PLATE
41	416434701	LOWER SHAFT BELT PULLEY
42	416775401	CLIP-ON-WASHER
43	416534301	COLLAR SET

Rating plate
Serial H14199*****□ or larger

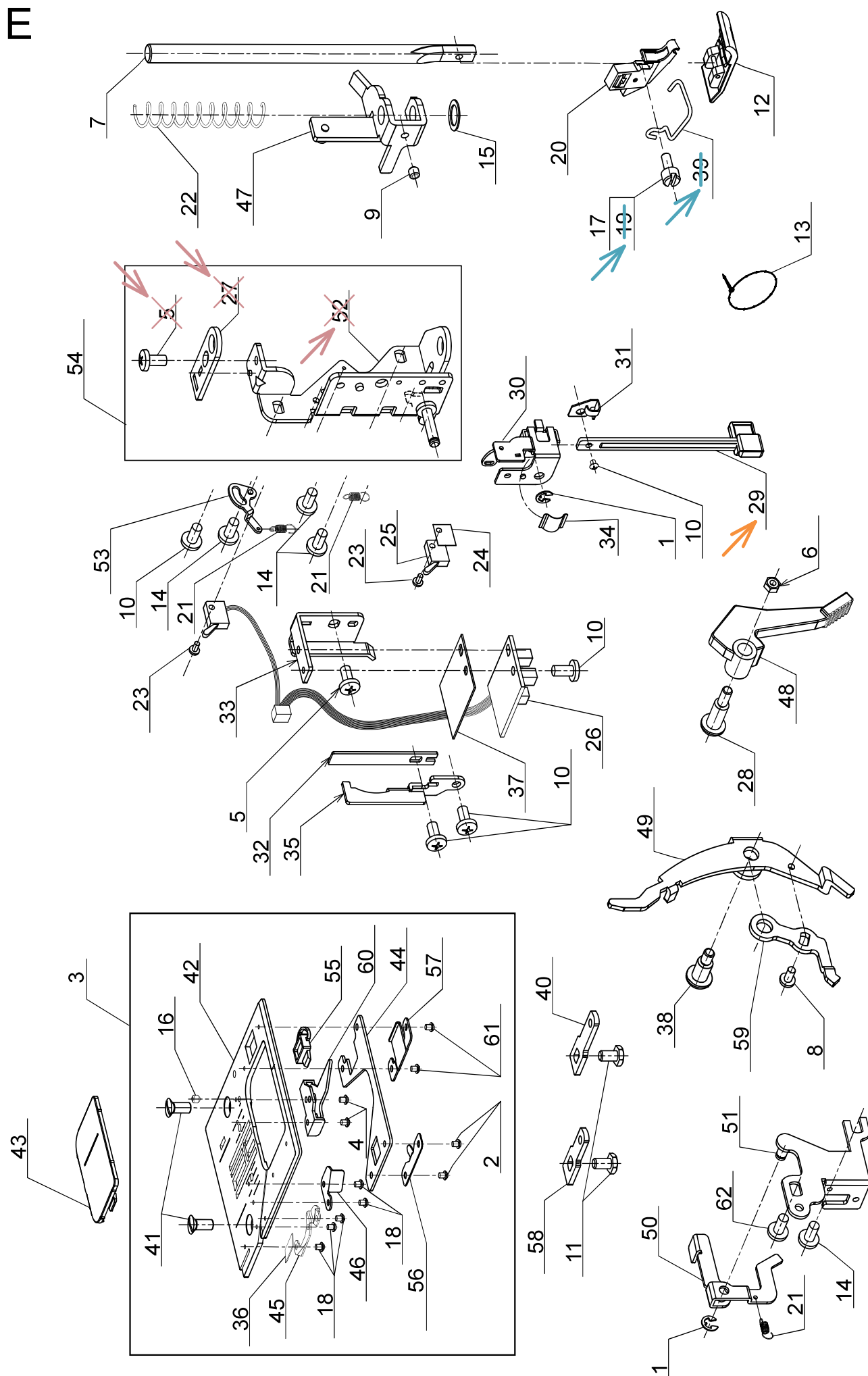


Pos	Part No	Description			
1	270 001513	E4 CLIP-ON-WASHER	53	68013595	TENSION ADJUSTING PLATE
2	270 008400	E5 CLIP-ON-WASHER	54	SEE #5	TENSION DIAL
3	270 031246	WASHER	55	416775701	TENSION DISC (L)
4	416434901	THREAD GUIDE SET	56	416775501	TENSION DISC (R)
5	416457001	TENSION SET			
6	270 061222	M4 PHILIPS SCREW			
7	270 061224	M4 PHILIPS SCREW			
8	270 062307	M4 SCREW			
9	270 066052	M4 SCREW			
10	415404701	M3 PHILIPS SCREW			
11	270 080110	M3 PHILIPS SCREW			
12	270 077042	M4 PHILLIPS SCREW			
13	68013615	THREAD GUIDE			
14	68013617	BRUSH			
15	68013618	BRUSH			
16	68013619	PIN			
17	68013620	THREAD GUIDE PLATE			
18	416435101	TAPPING SCREW			
19	270 077507	CLIP-ON-WASHER			
20		TAKE-UP LEVER PIN			
21		WASHER			
22		BUSH			
23	68013621	SPRING			
24	416775601	BRUSH			
25	416558001	THRUST WASHER			
26	270 085263	M3 SCREW			
27	416435301	NEDDLE THEARD SENSOR HARNESS			
28	270 086376	M3 SCREW			
29	270 087256	M3 PHILIPS SCREW			
30	416435601	STUD SCREW			
31	416435701	GEAR			
32	68013622	BRACKET			
33	68013623	ADJUST PLATE			
34	68013624	COMPRESSION SPRING			
35	68013626	CHECK SPRING			
36	68013627	INSULATION BOX			
37	416435801	GUIDE			
38	68013628	TENSION SUPPORT			
39	68013630	TENSION SHAFT			
40	68013631	TENSION RELEASE PLATE			
41	68013632	TENSION SHAFT PLATE			
42	68013550	SPRING SUPPORT			
43	68013582	CHECK SPRING			
44	416775901	THREAD GUIDE PLATE SUPPORT			
45	416558401	TAKE-UP LEVER SUPPORT			
46	68013684	TAKE-UP LEVER UNIT			
47		TAKE-UP LEVER			
48	416435901	TAKE-UP LEVER ARM			
49		TAKE-UP LEVER CRANK			
50	68013593	COMPRESSION SPRING (SMALL)			
51	68013594	COMPRESSION SPRING (LARGE)			
52	416436001	LED LIGHT CASE			

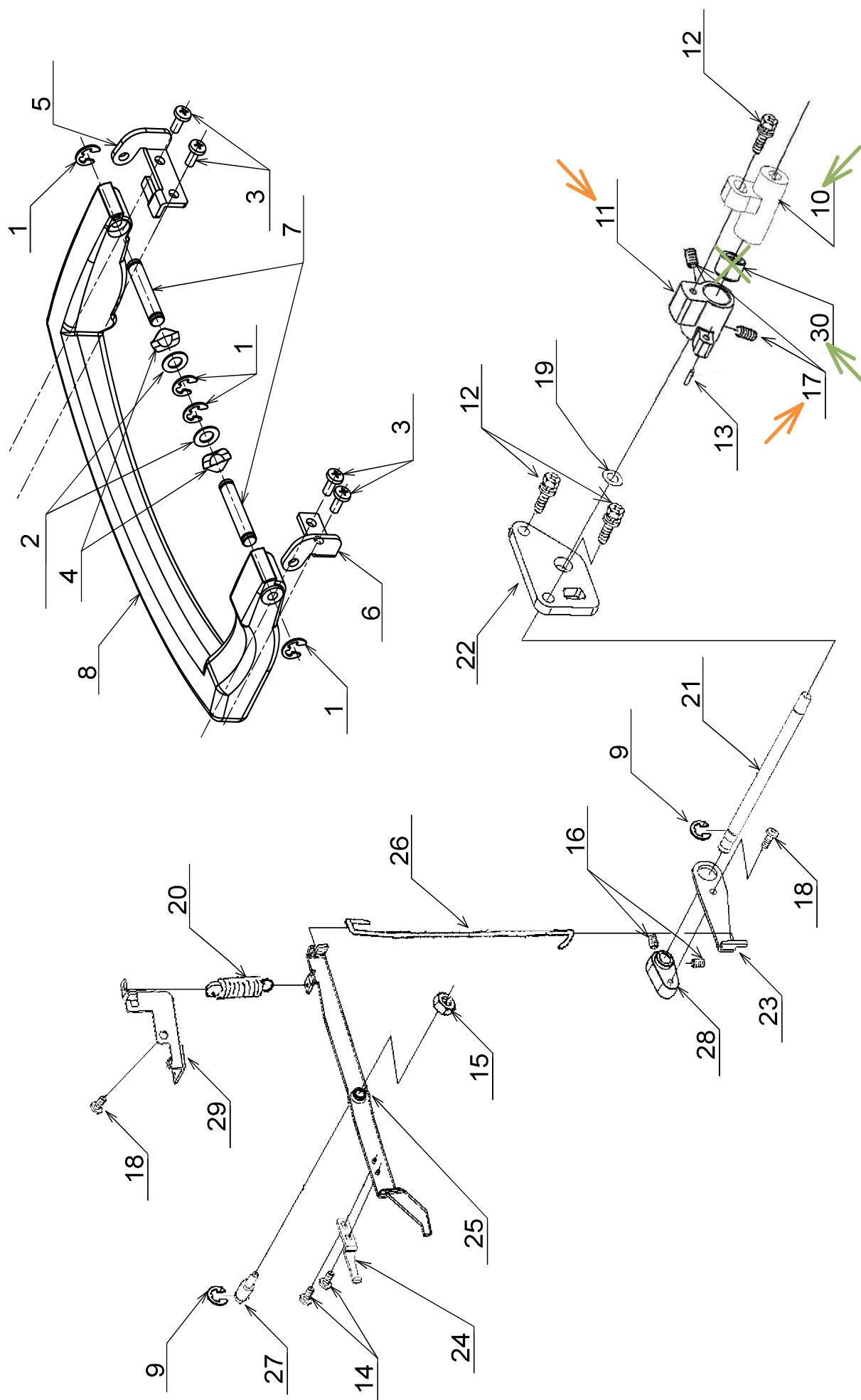


Pos	Part No	Description
-----	---------	-------------

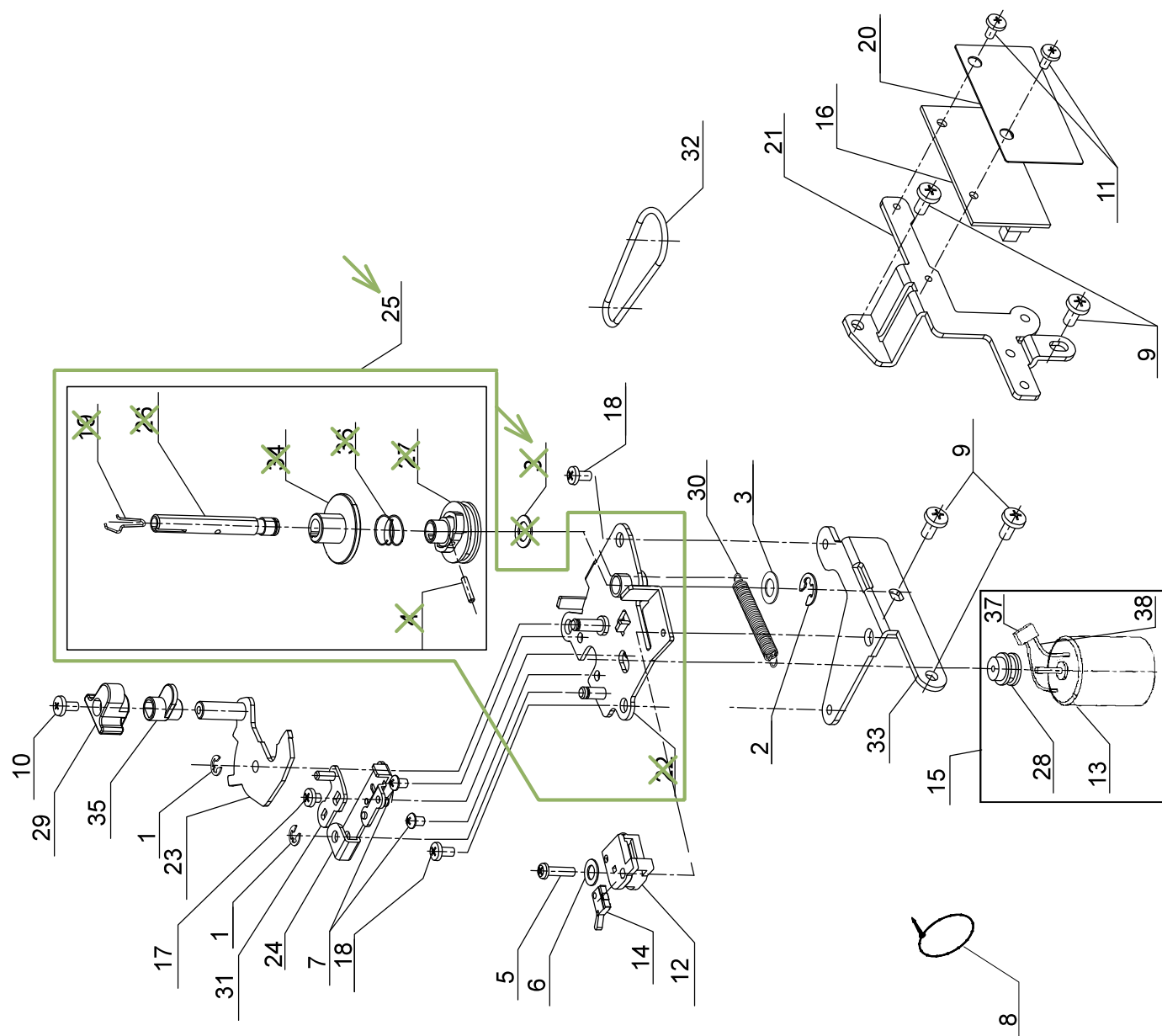
1	270 001513	E4 CLIP-ON-WASHER	54	416438601	SUPPORT BRACKET
2	270 001520	E3 CLIP-ON-WASHER	55	416438701	SUPPORT BRACKET
3	270 026934	#8 SCREW	56	416776201	THEARDER GUIDE PLATE
4	270 031733	M3 NUT	57	68013863	THREADER GUIDE A
5	270 032949	WASHER	58	416438801	THREADER SPRING
6	270 043390	THRUST WASHER	59	416439101	PIN
7	416437801	NEEDLE BAR SUPPORT SET	60	416438901	ZZ GEAR
8	270 061222	M4 PHILIPS SCREW	61	416439001	ZZ GEAR LEVER
9	270 063796	M3 SCREW	62	416439201	ZZ LINK
10	270 063805	WASHER	63	416439301	ECCENTRIC PIN
11	270 064359	M4 SCREW	64	416439401	ROUND SHAFT
12	270 064653	M3 SCREW	65	416439601	HEADED PIN
13	415404701	M3 PHILIPS SCREW	66	416439501	PINION
14	270 066725	M4 SCREW	67	416776301	LED SUPPORT (LEFT)
15	270 068343	PIN	68	416776401	LED SUPPORT (RIGHT)
16	270 073299	M4 TORQUE NUT	69	416436001	LED LIGHT CASE
17	270 073900	M3 PHILIPS SCREW	70	416439701	NEEDLE BAR CRANK
18	270 075024	STOPPER	71	416776501	THREAD GUIDE
19	270 076183	NEEDLE BAR	72	416439801	SCREW
20	270 080110	M3 PHILIPS SCREW			
21	270 076324	M4 SCREW			
22	270 077037	NEEDLE BAR CLAMP			
23	270 077041	UNITY FASTENER			
24	270 077042	M4 PHILLIPS SCREW			
25	270 077043	FELT			
26	270 077527	SENSOR COVER			
27	270 080095	STRAIGHT PIN			
28	270 080110	BOLT			
29	416503401	THREAD GUIDE C			
30	270 080297	TWIN THREADING HOOK SET			
31		NEEDLE			
32	416437901	TUBE			
33	270 085263	M3 SCREW			
34	68001962	STEPPING MOTOR			
35	416438101	LED LAMP HARNESS			
36	416438201	STEPPING MOTOR HARNESS (ZIG ZAG)			
37	270 086046	THREAD GUIDE			
38	270 087256	M3 SCREW			
39	270 086999	SPRING			
40	270 087154	NEEDLE CLAMP SET			
41	270 087188	SPRING			
42	270 087207	STRAIGHT PIN			
43	270 087273	PIN			
44	270 088317	THREAD GUIDE PLATE			
45	416504001	THREADER SHAFT			
46	416558901	SECURING PLATE			
47	416438301	COMPRESSION SPRING			
48	416438401	THREAD GUIDE B			
49	270 088432	SPRING			
50	270 088433	WASHER			
51	416438501	THREAD GUIDE ASSY			
52	416822001	NEEDLE BAR SUPPORT			
53	416776101	SUPPORT BRACKET			



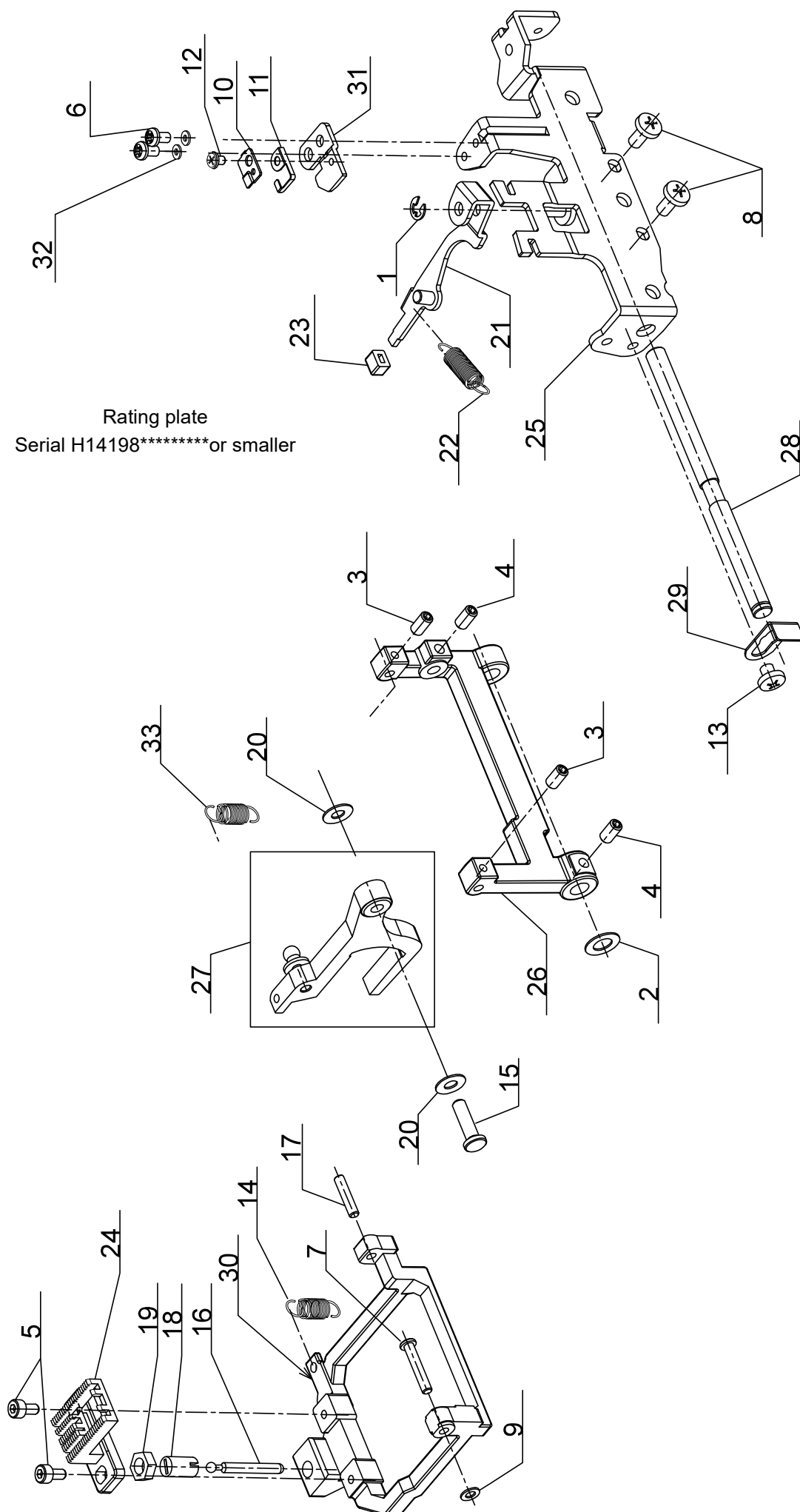
Pos	Part No	Description			
1	270 001520	E3 CLIP-ON-WASHER	53	416440301	SWITCH DOG ADJUSTMENT PLATE
2	68013868	SCREW	54	416505501	PRESSER BAR GUIDE SET
3	416440001	NEEDLE PLATE SET	55	68013606	RELEASE KNOB
4	270 056858	M2 PHILIPS SCREW	56	68013607	RELEASE SPRING PLATE
5	270 061221	M4 PHILIPS SCREW	57	68013609	BRACKET
6	270 062215	M4 NUT	58	416440601	NEEDLE PLATE BRACKET
7	270 063278	PRESSER BAR	59	416506401	PRESSER SWITCH DOG
8	415404701	M3 PHILIPS SCREW	60	68013610	THREAD CONTROL PLATE
9	270 066727	M4 SCREW	61	68013612	M2 PHILIPS SCREW
10	270 073900	M3 PHILIPS SCREW	62	416439801	SCREW
11	416776601	M4 BOLT			
12	270 076251	PRESSER FOOT			
13	270 077041	UNITY FASTENER			
14	270 077042	M4 PHILLIPS SCREW			
15	270 077043	FELT			
16	270 079491	SCREW			
17	270 080065	#7 SCREW FOR SHANK			
18	270 080096	M2 PHILIPS SCREW			
19		SCREW FOR SHANK (ITALY ONLY)			
20	270 085016	PRESSER FOOT HOLDER			
21	270 085064	EXTENSION SPRING			
22	416462601	COMPRESSION SPRING			
23	270 085262	M2 SCREW			
24	270 085332	SPACER			
25	416665801	PRESSER FOOT POSITIONNING HARNESS			
26	416440101	BUTTON HOLE STITCH SENSOR HARNESS			
27		PRESSURE SUPPORT PLATE			
28	270 087212	M4 SCREW			
29	68013596	BH PLATE (A)			
30	270 087679	BH PLATE (B)			
31	270 087680	BH PLATE (C)			
32	270 087692	BH CANTILEVER			
33	270 087693	BH PALTE			
34	270 087694	LEAF SPRING			
35	270 087695	BH CANTILEVER SUPPORT			
36	270 087766	BLADE			
37	270 088112	INSULATION SHEET			
38	416440401	STUD SCREW			
39		FINGER GUARD (ITALY ONLY)			
40	416440501	NEEDLE PLATE BRACKET			
41	416440701	M4 SCREW			
42	68013597	NEEDLE PLATE			
43	416440801	BOBBIN COVER PLATE			
44	68013600	NEEDLE PLATE GUIDE			
45	68013601	THREAD CUTTER SECURING PLATE			
46	68013603	THREAD CONTROL PLATE			
47	416776801	PRESSER BAR GUIDE			
48	416440901	PRESSER FOOT LIFTER			
49	416506201	TENSION RELEASE LEVER			
50	416776901	THREAD REGULATOR RELEASE LEVER			
51	416506301	THREAD REGULATOR RELEASE LEVER BASE			
52		PRESSER BAR GUIDE			



Pos	Part No	Description
1	270 001513	E4 CLIP-ON-WASHER
2	270 032949	WASHER
3	270 061224	M4 PHILIPS SCREW
4	270 061381	CRINKLE WASHER
5	416441101	HANDLE BRACKET
6	416441201	HANDLE BRACKET
7	416441301	PIN
8	416441401	HANDLE
9	270 010963	E6 CLIP-ON-WASHER (XL-420)
10	416777001	KNEE LIFTER D (XL-420)
11	68013647	KNEE LIFTER E (XL-420)
12	416777201	M4 CP SCREW (XL-420)
13	270 058269	KNOCK PIN (XL-420)
14	270 061222	M4 PHILIPS SCREW (XL-420)
15	270 062215	M4 NUT (XL-420)
16	270 062307	M4 SCREW (XL-420)
17	270 066052	M5 SCREW (XL-420)
18	270 077042	M4 PHILLIPS SCREW (XL-420)
19	270 077056	WASHER (XL-420)
20	416777301	KNEE LIFTER SPRING (XL-420)
21	416777401	KNEE LIFTER SHAFT (XL-420)
22	416777501	KNEE LIFTER PLATE (XL-420)
23	416777601	KNEE LIFTER ARM (XL-420)
24	416777701	LIFTER CAM (XL-420)
25	416777801	KNEE LIFTER LEVER (XL-420)
26	416777901	KNEE LIFTER ROD (XL-420)
27	416778001	M4 STUD SCREW (XL-420)
28	416778101	KNEE LIFTER ARM BUSH (XL-420)
29	416778201	SPRING HOOK PLATE (XL-420)
30		COLLAR (XL-420)



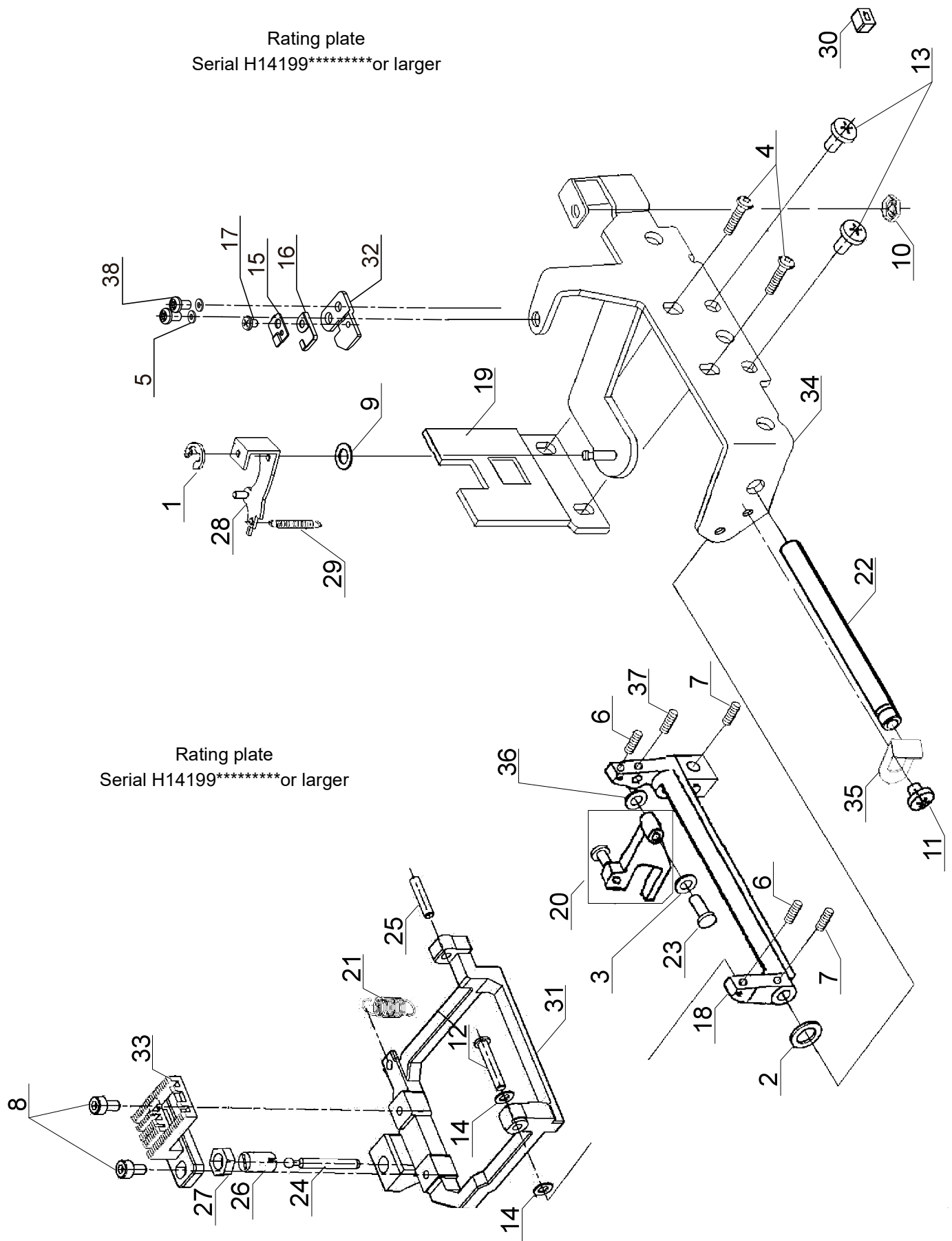
Pos	Part No	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	270 032316	WASHER
4	SEE #25	KNOCK PIN
5	270 063796	M3 SCREW
6	270 063805	WASHER
7	270 073900	M3 PHILIPS SCREW
8	270 077041	UNITY FASTENER
9	270 077042	M4 PHILLIPS SCREW
10	270 077044	M3 PHILIPS SCREW
11	270 077053	M3 PHILIPS SCREW
12	270 077527	SENSOR COVER
13	416441501	MOTOR FOR BOBBIN WINDER
14	416441601	BOBBIN WINDER SWITCH HARNESS
15	416778301	MOTOR FOR BOBBIN WINDER UNIT
16	416441701	CAM SENSOR HARNESS
17	270 086376	M3 SCREW
18	270 087000	M4 SCREW
19	SEE #25	SPRING
20	270 087242	INSULATION SHEET
21	416778401	CAM SENSOR FIXING PLATE
22	SEE #25	BOBBIN WINDER
23	416778601	BOBBIN WINDER ARM
24	416778701	BOBBIN WINDER SWITCH
25	416634401	BOBBIN WINDER SHAFT UNIT
26	SEE #25	BOBBIN WINDER SHAFT
27	SEE #25	BOBBIN WINDER PULLEY
28	416442101	BOBBIN WINDER MOTOR PULLEY
29	416442201	BOBBIN WINDER CAM
30	416442301	BOBBIN WINDER EXTENSION SPRING
31	416778801	BOBBIN WINDER FOLLOWER
32	416442401	ROUND BELT
33	416778901	BOBBIN WINDING UNIT SUPPORT
34	SEE #25	BOBBIN WINDING SWITCH LIMITER A
35	416442601	BOBBIN WINDING SWITCH LIMITER B
36	SEE #25	COMPRESSION SPRING
37	68013657	CONNECTOR
38	68013658	TUBE



Pos	Part No	Description
1	270 001520	E3 CLIP-ON-WASHER (Substitute 68014698 for 270 001520)
2	270 032316	WASHER (Substitute 68014698 for 270 032316)
3	270 064653	M3 SCREW (Substitute 68014698 for 270 064653)
4	270 066725	M4 SCREW (Substitute 68014698 for 270 066725)
5	270 072274	M3 CP SCREW (Substitute 68014698 for 270 072274)
6	270 073900	M3 PHILIPS SCREW
7	270 076132	SHAFT (Substitute 68014698 for 270 076132)
8	270 077042	M4 PHILLIPS SCREW
9	270 085252	WASHER (Substitute 68014698 for 270 085252)
10	416443101	NEEDLE BAR THREAD GUIDE
11	416443201	RETAINER PLATE
12	416443301	RETAINER SET
13	270 087000	M4 SCREW (Substitute 68014698 for 270 087000)
14	270 087186	TORSION SPRING (Substitute 68014698 for 270 087186)
15	270 087206	PIN (Substitute 68014698 for 270 087206)
16	270 087208	BALL HEADED □ PIN (Substitute 68014698 for 270 087208)
17	270 087210	PIN (Substitute 68014698 for 270 087210)
18	270 087232	M6 STUD SCREW (Substitute 68014698 for 270 087232)
19	270 087268	M6 NUT (Substitute 68014698 for 270 087268)
20	270 087269	WASHER
21	270 087423	DROP LEVER (Substitute 68014698 for 270 087423)
22	270 087424	TORSION SPRING (Substitute 68014698 for 270 087424)
23	270 087425	DROP KNOB
24	416822201	FEED FOG (Substitute 68014698 for 416822201)
25	416779001	FEED SECURING PLATE (Substitute 68014698 for 416779001)
26	416443501	FEED DOG BASE SUPPORT (Substitute 68014698 for 416443501)
27	416443601	FEED REGULATOR ARM UNIT (Substitute 68014698 for 416443601)
28	416779101	FEED REGULATOR SHAFT (Substitute 68014698 for 416779101)
29	416443701	SECURING PLATE (Substitute 68014698 for 416443701)
30	416443901	FEED DOG BASE (Substitute 68014698 for 416443901)
31	416457101	RETAINER
32	270 063805	WASHER
33	416779201	TORSION SPRING (Substitute 68014698 for 416779201)

Rating plate
Serial H14198*****or smaller

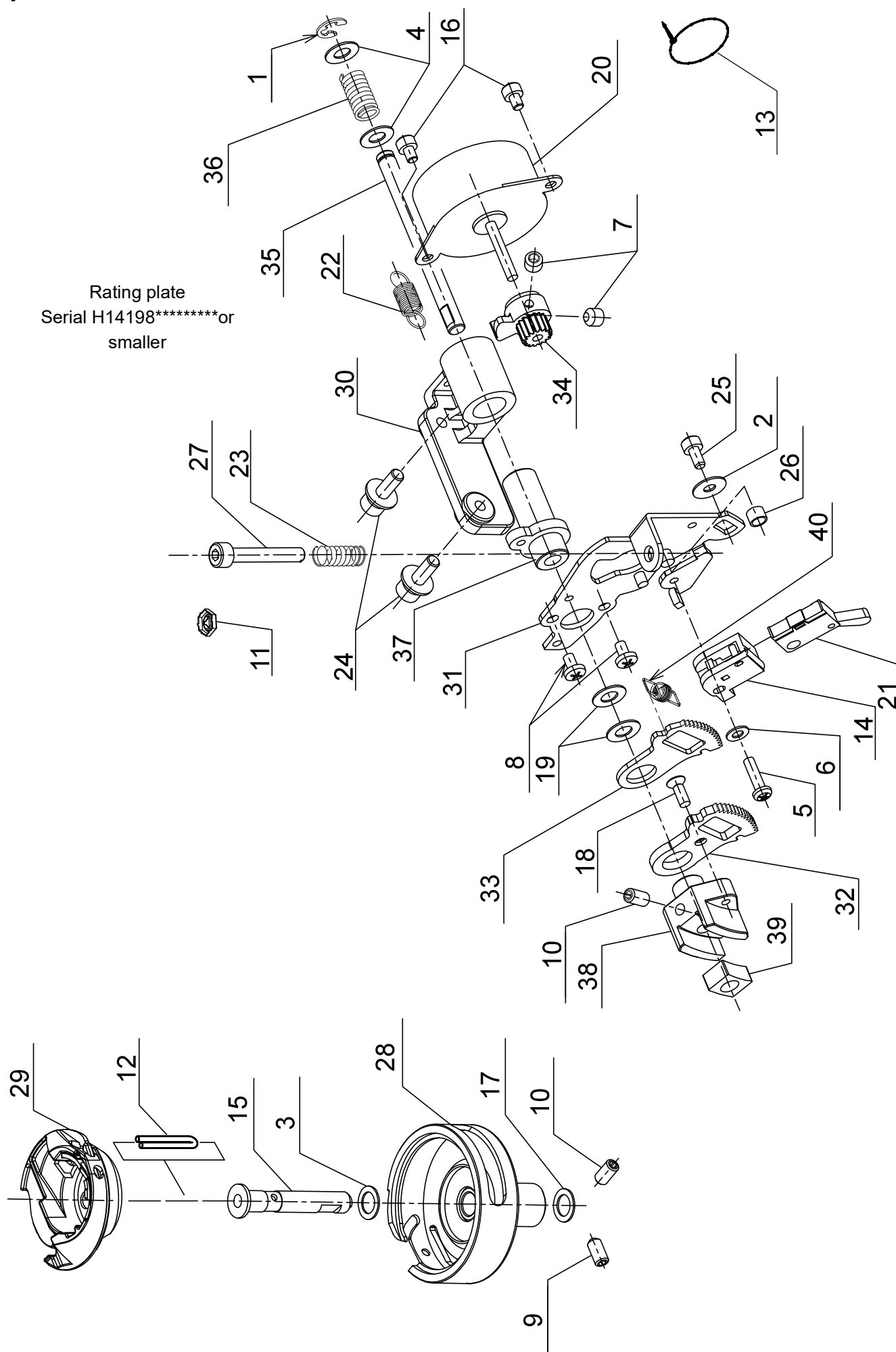
Rating plate
Serial H14199*****or larger



Rating plate
Serial H14199*****or larger

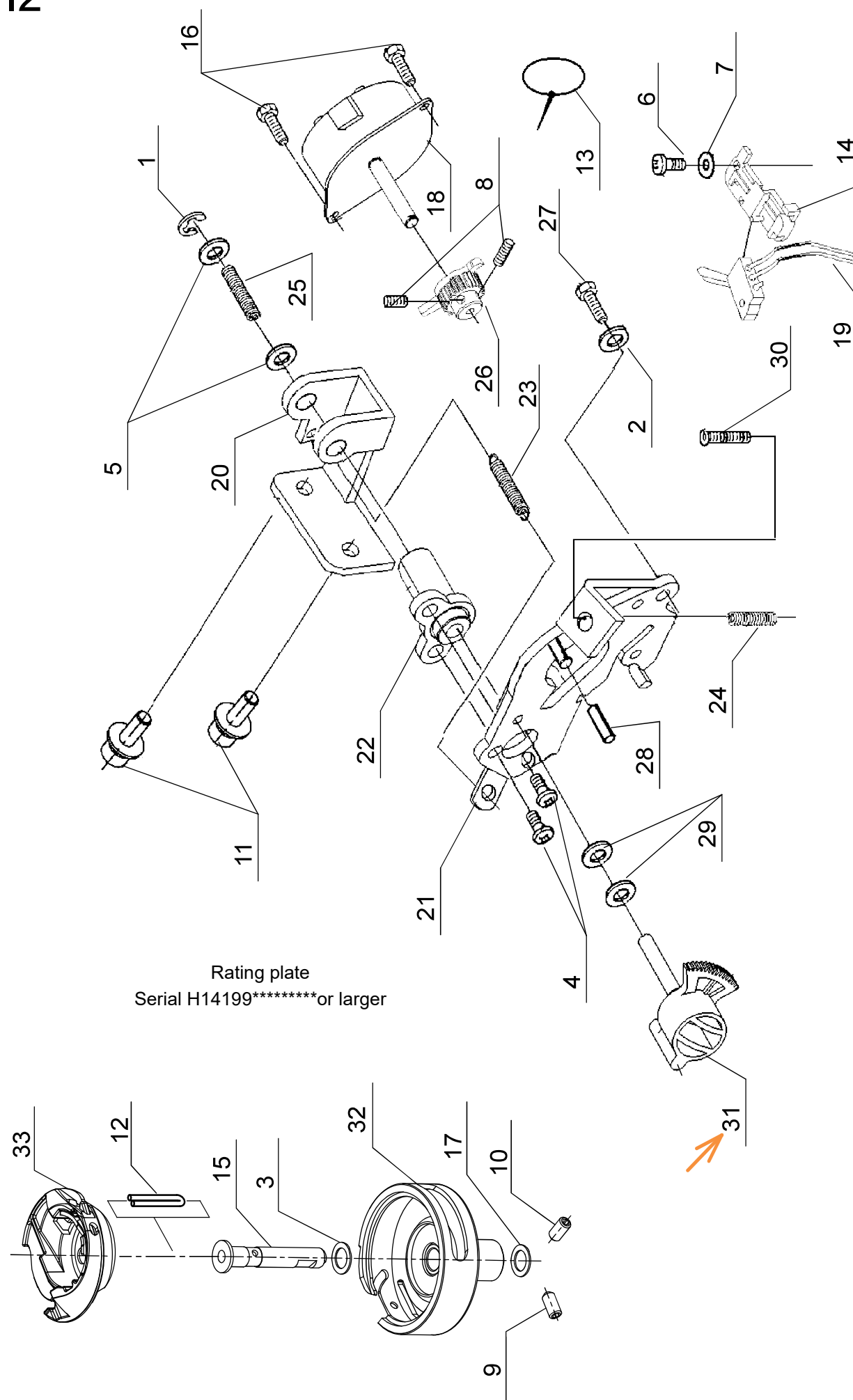
Pos	Part No	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 032949	WASHER
3	270 053735	WASHER
4	270 061221	M4 PHILIPS SCREW
5	270 063805	WASHER
6	270 064653	M3 SCREW
7	270 066725	M4 SCREW
8	270 072274	M3 CP SCREW
9	270 072858	WASHER
10	270 073299	M4 TORQUE NUT
11	270 087000	M3 PHILIPS SCREW
12	270 076132	SHAFT
13	270 077042	M4 PHILLIPS SCREW
14	270 085252	WASHER
15	416443101	NEEDLE BAR THREAD GUIDE
16	416443201	RETAINER PLATE
17	416443301	RETAINER SET
18	270 087104	FEED DOG BASE SUPPORT
19	270 087122	SUPPORT PLATE
20	270 087174	FORKED CRANK
21	270 087186	TORSION SPRING
22	270 087202	SHAFT
23	270 087206	PIN
24	270 087208	BALL HEADED □ PIN
25	270 087210	PIN
26	270 087232	M6 STUD SCREW
27	270 087268	M6 NUT
28	270 087423	DROP LEVER
29	270 087424	TORSION SPRING
30	270 087425	DROP KNOB
31	416443901	FEED DOG BASE
32	416457101	RETAINER
33	416822201	FEED FOG
34	68013666	FEED SECURING PLATE
35	68013667	FEED SHAFT ARPPORT PLATE
36	270 035818	WASHER
37	270 061333	M4 SCREW
38	270 073900	M3 SCREW

Rating plate
Serial H14199*****or larger



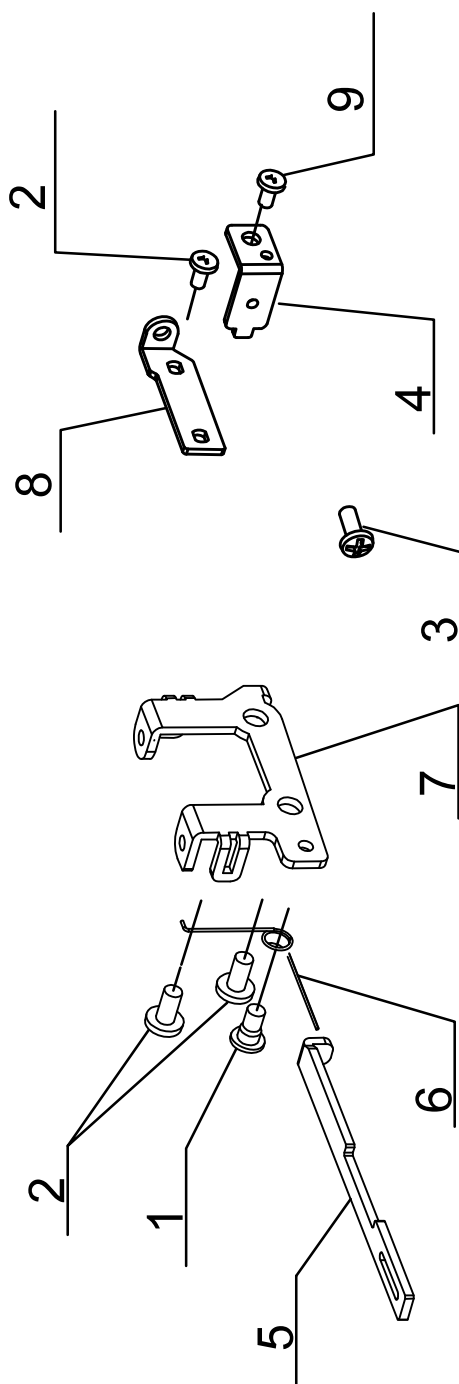
Pos	Part No	Description
1	270 001513	E4 CLIP-ON-WASHER (Substitute 68014698 for 270 001513)
2	270 031246	WASHER (Substitute 68014698 for 270 031246)
3	270 043392	THRUST WASHER
4	270 059221	WASHER (Substitute 68014698 for 270 059221)
5	270 063796	M3 SCREW (Substitute 68014698 for 270 063796)
6	270 063805	WASHER (Substitute 68014698 for 270 063805)
7	270 064653	M3 SCREW (Substitute 68014698 for 270 064653)
8	416442801	M3 SCREW
9	270 066725	M4 SCREW
10	270 066727	M4 SCREW (Substitute 68014698 for 270 066727)
11	270 073299	M4 TORQUE NUT
12	270 076203	OILING CORD
13	270 077041	UNITY FASTENER
14	270 077527	SENSOR COVER (Substitute 68014698 for 270 077527)
15	270 080078	SHUTTLE RACE SHAFT
16	270 080110	BOLT (Substitute 68014698 for 270 080110)
17	416514601	WASHER
18	270 085072	M3 SCREW (Substitute 68014698 for 270 085072)
19	270 085162	WASHER
20	416438001	STEPPING MOTOR (Substitute 68014698 for 416438001)
21	416444201	STEPPING MOTOR HARNESS (FEEDING) (Substitute 68014698 for 416444201)
22	270 087188	SPRING (Substitute 68014698 for 270 087188)
23	270 087189	COMPRESSION SPRING
24	416821901	CP BOLT
25	270 087262	M3 CP SCREW (Substitute 68014698 for 270 087262)
26	270 087273	PIN (Substitute 68014698 for 270 087273)
27	270 087668	M4 BOLT
28	416444301	SHUTTLE RACE UNIT
29	416444401	BOBBIN CASE UNIT
30	416444801	FEED REGULATOR SUPPORT (Substitute 68014698 for 416444801)
31	416785301	PM SUPPORT (Substitute 68014698 for 416785301)
32	416444501	FEED REGULATOR BLOCK GEAR A (Substitute 68014698 for 416444501)
33	416444601	FEED REGULATOR BLOCK GEAR B (Substitute 68014698 for 416444601)
34	416444701	PINION (16T) UNIT (Substitute 68014698 for 416444701)
35	416444901	FEED REGULATOR SHAFT (Substitute 68014698 for 416444901)
36	416445001	FEED REGULATOR SPRING (Substitute 68014698 for 416445001)
37	416445101	FEED REGULATOR BUSH (Substitute 68014698 for 416445101)
38	416445201	FEED REGULATOR (Substitute 68014698 for 416445201)
39	416445301	SLIDE BLOCK (Substitute 68014698 for 416445301)
40	416445401	FEED REGULATOR GEAR SPRING (Substitute 68014698 for 416445401)

Rating plate
Serial H14198*****or smaller

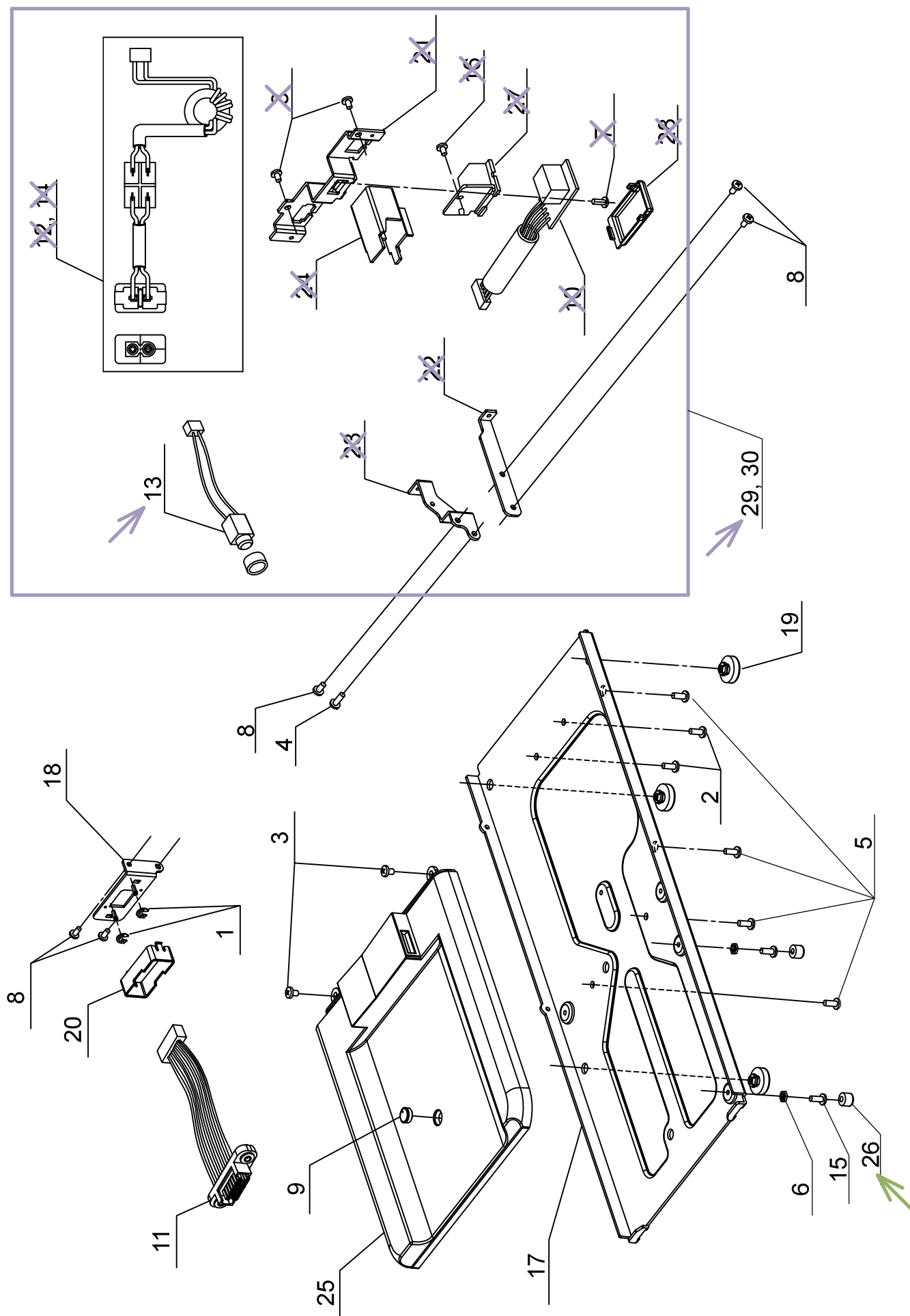


<u>Pos</u>	<u>Part No</u>	<u>Description</u>
1	270 001513	E4 CLIP-ON-WASHER
2	270 031246	WASHER
3	270 043392	THRUST WASHER
4	416442801	THRUST WASHER
5	270 059221	WASHER
6	270 063796	M3 SCREW
7	270 063805	WASHER
8	270 064653	M3 SCREW
9	270 066725	M4 SCREW
10	270 066727	M4 SCREW
11	416821901	SCREW
12	270 076203	OILING CORD
13	270 077041	UNITY FASTENER
14	270 077527	SENSOR COVER
15	270 080078	SHUTTLE RACE SHAFT
16	270 080110	M3 CP SCREW
17	416514601	WASHER
18	68001962	STEPPING MOTOR
19	416444201	STEPPING MOTOR HARNESS (FEEDING)
20	270 087146	BRACKET
21	270 087148	STEPPING MOTOR BRACKET
22	270 087178	FEED REGULATOR SHAFT METAL BUSH
23	270 087188	EXTENSION SPRING
24	270 087189	COMPRESSION SPRING
25	270 087191	COMPRESSION SPRING
26	270 087253	PINION GEAR
27	270 087262	M3 CP SCREW
28	270 087273	SPACER
29	270 087274	WASHER
30	270 087668	M4 BOLT
31	68013614	FEED REGULATOR
32	416444301	SHUTTLE RACE UNIT
33	416444401	BOBBIN CASE UNIT

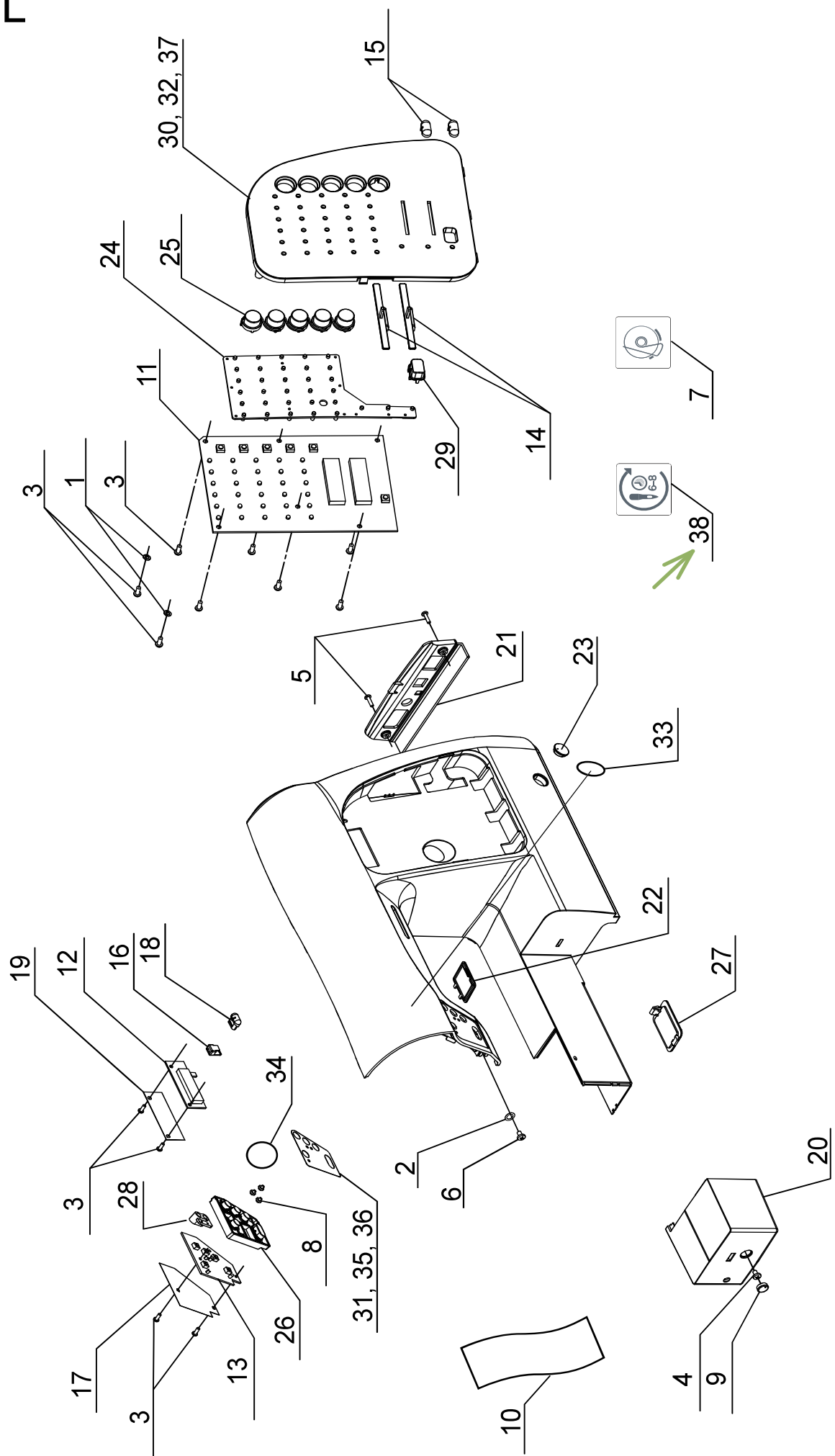
Rating plate
Serial H14199*****or larger



<u>Pos</u>	<u>Part No</u>	<u>Description</u>
1	270 066481	M4 STUD SCREW
2	270 077042	M4 PHILLIPS SCREW
3	270 087000	M4 SCREW
4	416779301	MOUNTING PLATE
5	416445901	DROP CONNECTING PLATE
6	416446001	TORSION SPRING
7	416446101	BLADE FIXTURE
8	416823501	FEED BRACKET SUPPORT PLATE
9	270 063560	SCREW

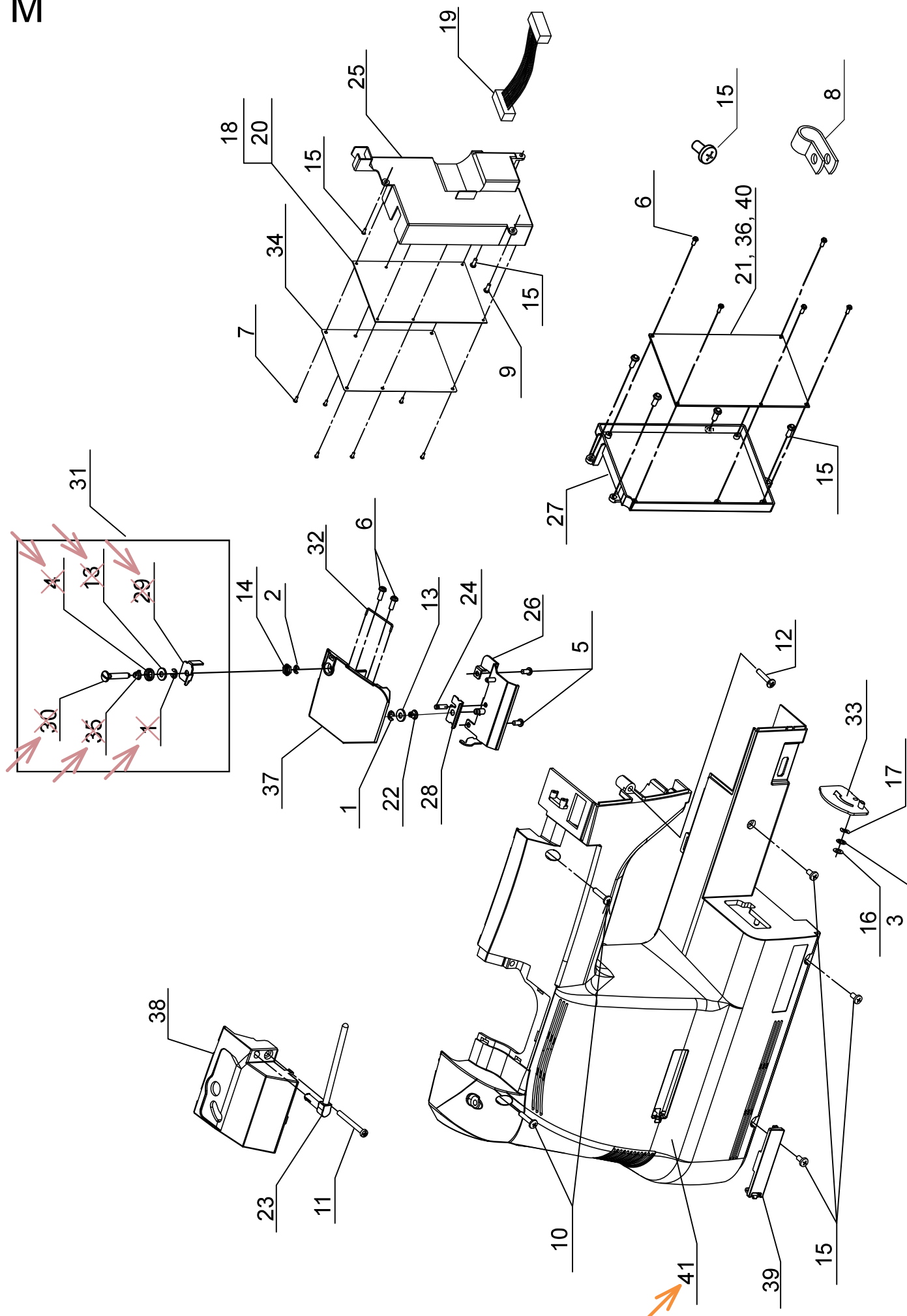


Pos	Part No	Description
1	270 025436	E2 CLIP-ON-WASHER
2	416448001	M3.5 TAPPING SCREW
3	270 061222	M4 PHILIPS SCREW
4	270 061225	M4 PHILIPS SCREW
5	270 063560	M4 PHILIPS SCREW
6	270 073299	M4 TORQUE NUT
7	SEE #29 / #30	TAPPING SCREW
8	270 077042	M4 PHILLIPS SCREW
9	270 083116	CAP
10	SEE #29 / #30	USB HARNESS
11	416448101	CONNECTING HARNESS
12	SEE #29 / #30	POWER SWITCH CORD ASSY. (120V)
13	416448301	FC JACK HARNESS
14	SEE #29 / #30	POWER SWITCH CORD ASSY. (230V)
15	270 086038	STUD SCREW
16	SEE #29 / #30	M3 PHILLIPS SCREW
17	416448501	BASE
18	416779501	DRAWER SUPPORT
19	416448601	RUBBER CUSHION
20	416448701	DRAWER CAP
21	SEE #29 / #30	TERMINAL HOLDER
22	SEE #29 / #30	TERMINAL BRACKET (LEFT)
23	SEE #29 / #30	TERMINAL BRACKET (RIGHT)
24	SEE #29 / #30	SWITCH INSULATION COVER
25	416448801	BOTTOM COVER
26	416509201	RUBBER FOOT
27	SEE #29 / #30	USB BOARD COVER TOP
28	SEE #29 / #30	USB BOARD COVER BASE
29	68013650	POWER SWITCH WITH USB PORT ASSY. (120V)
30	68013651	POWER SWITCH WITH USB PORT ASSY. (230V)

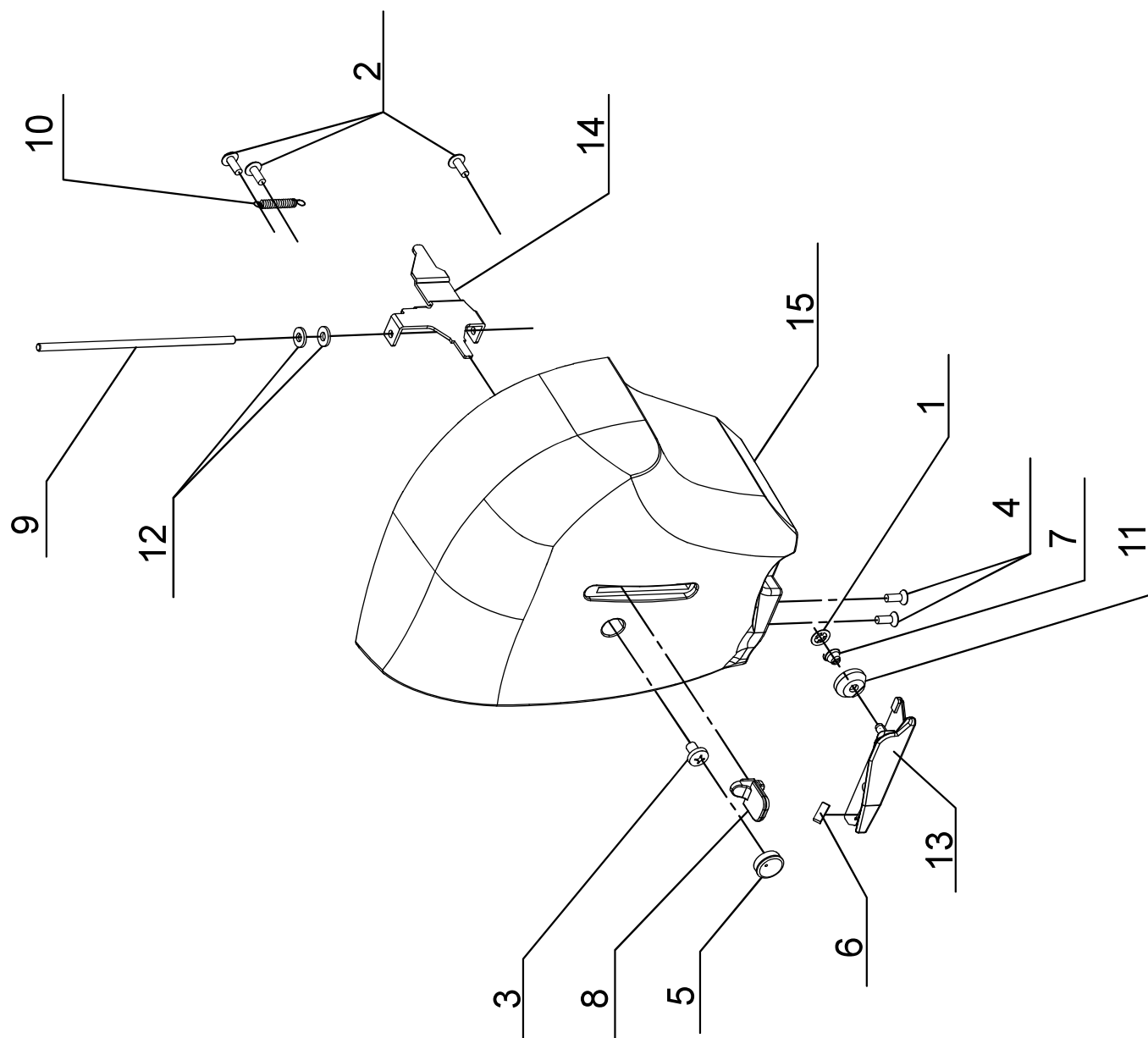


Pos	Part No	Description
1	270 025670	WASHER
2	270 031246	WASHER
3	270 039213	M3 SCREW
4	270 077042	M4 PHILIPS SCREW
5	416449001	M3 PHILIPS SCREW
6	270 080110	M3 PHILIPS SCREW
7	270 076511	STICKER
8	270 083044	LED PANEL
9	270 083116	CAP
10	416449201	CONNECTOR CABLE
11	416457201	SWITCH CIRCUIT BOARD
12	416449501	SPEED CONTROL SWITCH HARNESS
13	416457301	SW HARNESS
14	270 087293	SLIDE LEVER
15	270 087404	KNOB
16	416449601	SLIDE LEVER
17	416449701	INSULATION SHEET (SW HARNESS)
18	416449801	SPEED CONTROL KNOB
19	416447801	INSULATION SHEET (SV BOARD HARNESS)
20	416449901	BED CAP
21	416450001	TERMINAL COVER
22	416450101	LED LIGHT COVER
23	416450201	KNEE LIFTER CAP
24	416457401	LED COVER
25	416457501	SWITCH BUTTON
26	416457601	SWITCH PANEL BUTTON
27	416457701	STEPPING MOTOR ADJUST COVER
28	416457801	LED SHADE PLATE
29	416457901	TWIN NEEDLE BUTTON
30	68021032	CONTROL PANEL (SEQS-6000)
31	416823801	SWITCH PANEL SHEET (XL-420)
32	416823701	CONTROL PANEL (XL-420)
33	416458601	STICKER
34	68021034	STICKER (XL-420)
35	416458301	SWITCH PANEL SHEET (XL-400)
36	68021033	SWITCH PANEL SHEET (SEQS-6000)
37	416458501	CONTROL PANEL (XL-400)
38	68019985	STICKER

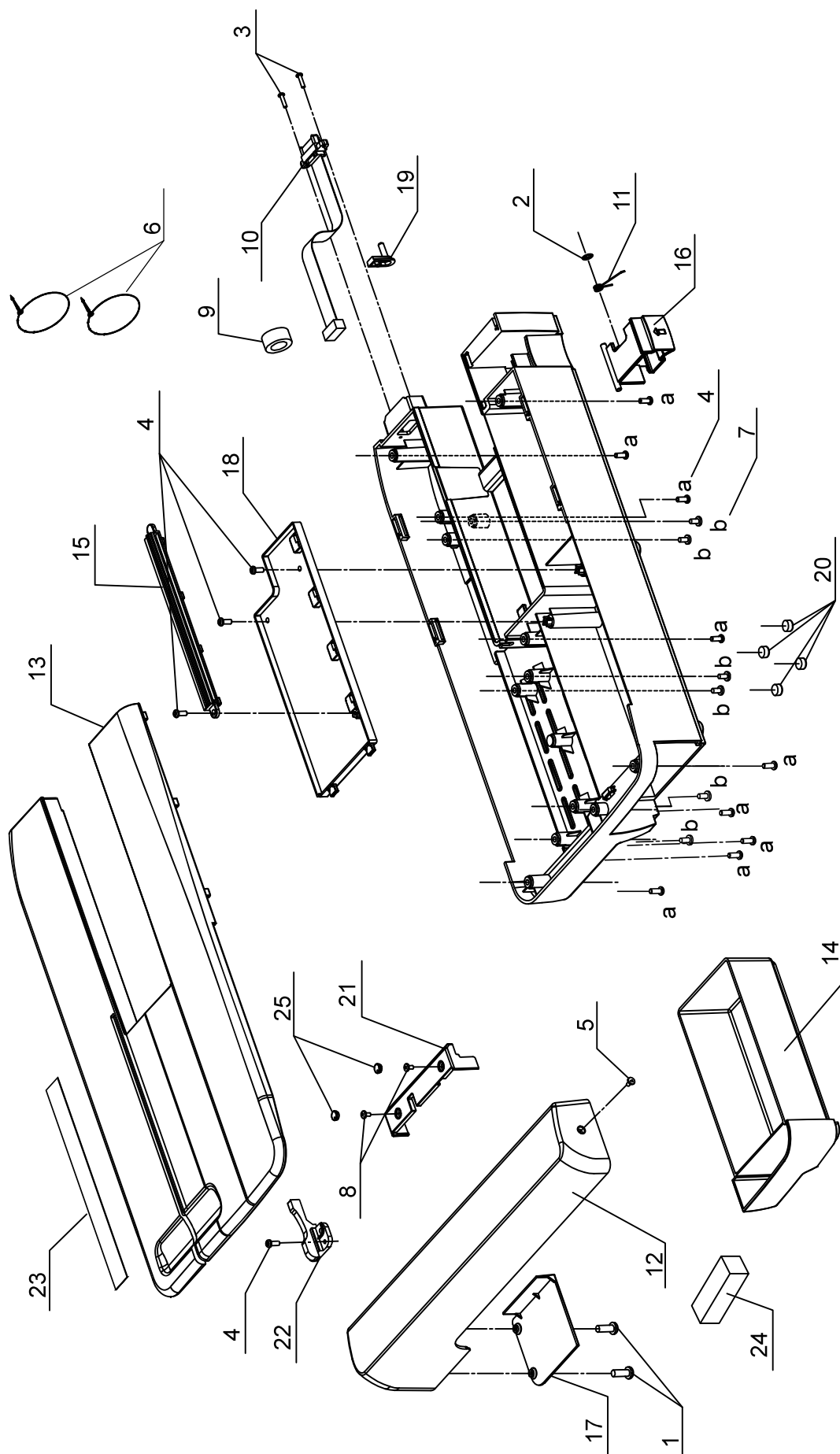
L



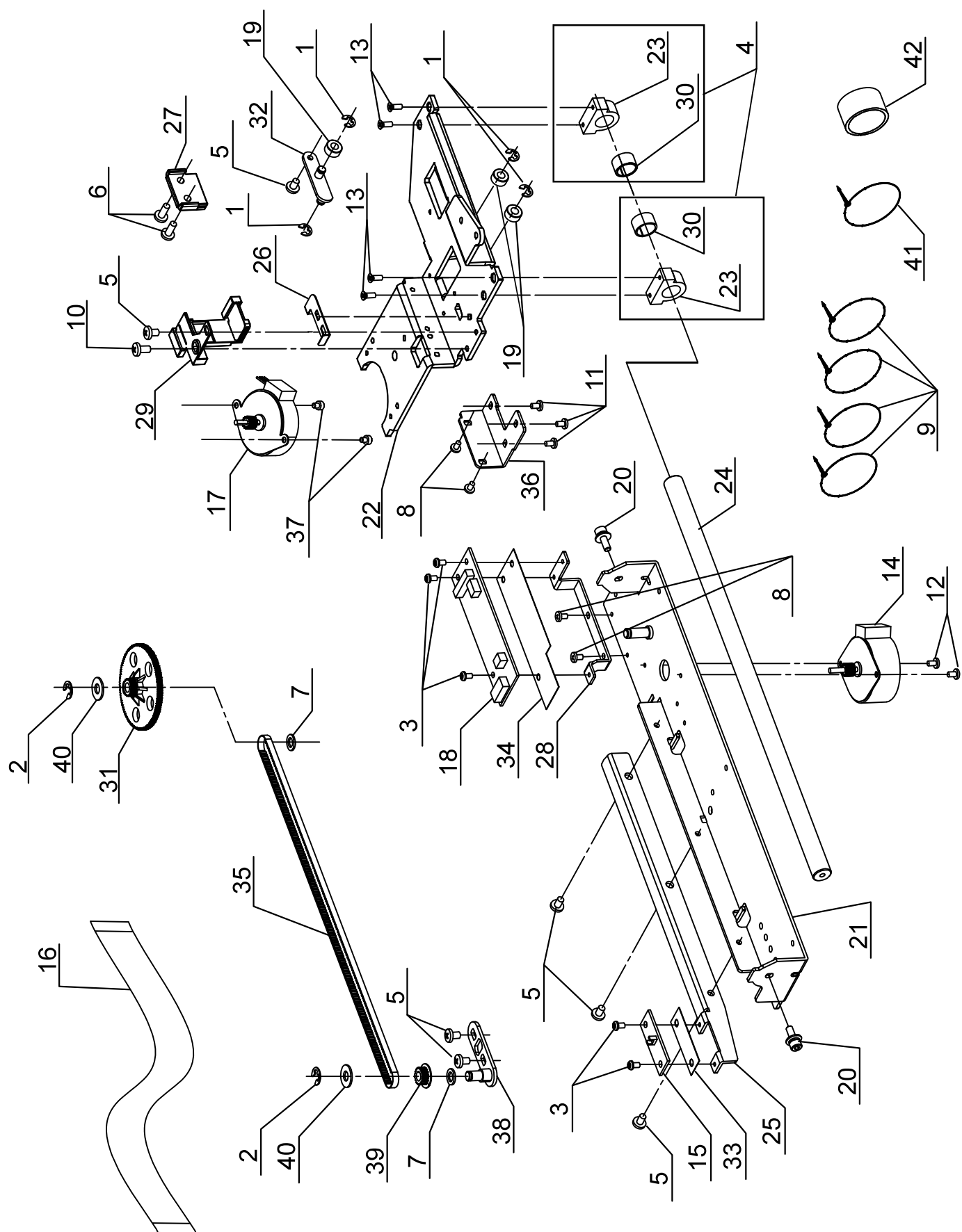
Pos	Part No	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 027925	E2.5 CLIP-ON-WASHER
3	270 053735	WASHER
4	SEE #31	HOLDER TENSION DISC
5	270 039163	TAPPING SCREW
6	270 039213	M3 SCREW
7	270 047181	TAPPING SCREW
8	270 058741	CORD GUARD
9	270 061225	M4 PHILIPS SCREW
10	270 064484	TAPPING SCREW
11	270 064957	TAPPING SCREW
12	270 065736	M4 PHILIPS SCREW
13	SEE #31	WASHER
14	270 073299	M4 TORQUE NUT
15	270 077042	M4 PHILLIPS SCREW
16	270 077507	CLIP-ON-WASHER
17	416450601	CRINKLE WASHER
18	68008861	AC CIRCUIT BOARD □(100-120V)
19	416451001	CONNECTOR CABLE
20	416450901	AC CIRCUIT BOARD □(200-240V)
21	68008872	CPU CIRCUIT BOARD (XL-420)
22	270 086999	SPRING
23	416509901	SPOOL PIN UNIT
24	416451101	PIN
25	416780701	AC CIRCUIT BOARD BOX
26	416451201	THREAD GUIDE
27	416780801	CPU CIRCUIT BOARD BOX
28	416451301	THREAD REGULATING PLATE
29	SEE #31	THREAD GUIDE BASE
30	SEE #31	THREAD GUIDE ADJUSTABLE SCREW
31	416450501	THREAD GUIDE UNIT
32	416451401	THREAD GUIDE PIN
33	416451501	DRAWER CAP
34	416780901	INSULATION SHEET (AC CIRCUIT)
35	SEE #31	COMPRESSION SPRING
36	68008877	CPU CIRCUIT BOARD (XL-400)
37	416487301	THREAD PATH CAP
38	416487401	BOBBIN WINDER COVER
39	416451901	SPOOL STAND ATTACHMENT COVER
40	68017485	CPU CIRCUIT BOARD (SEQS-6000)
41	416458701	BACK COVER



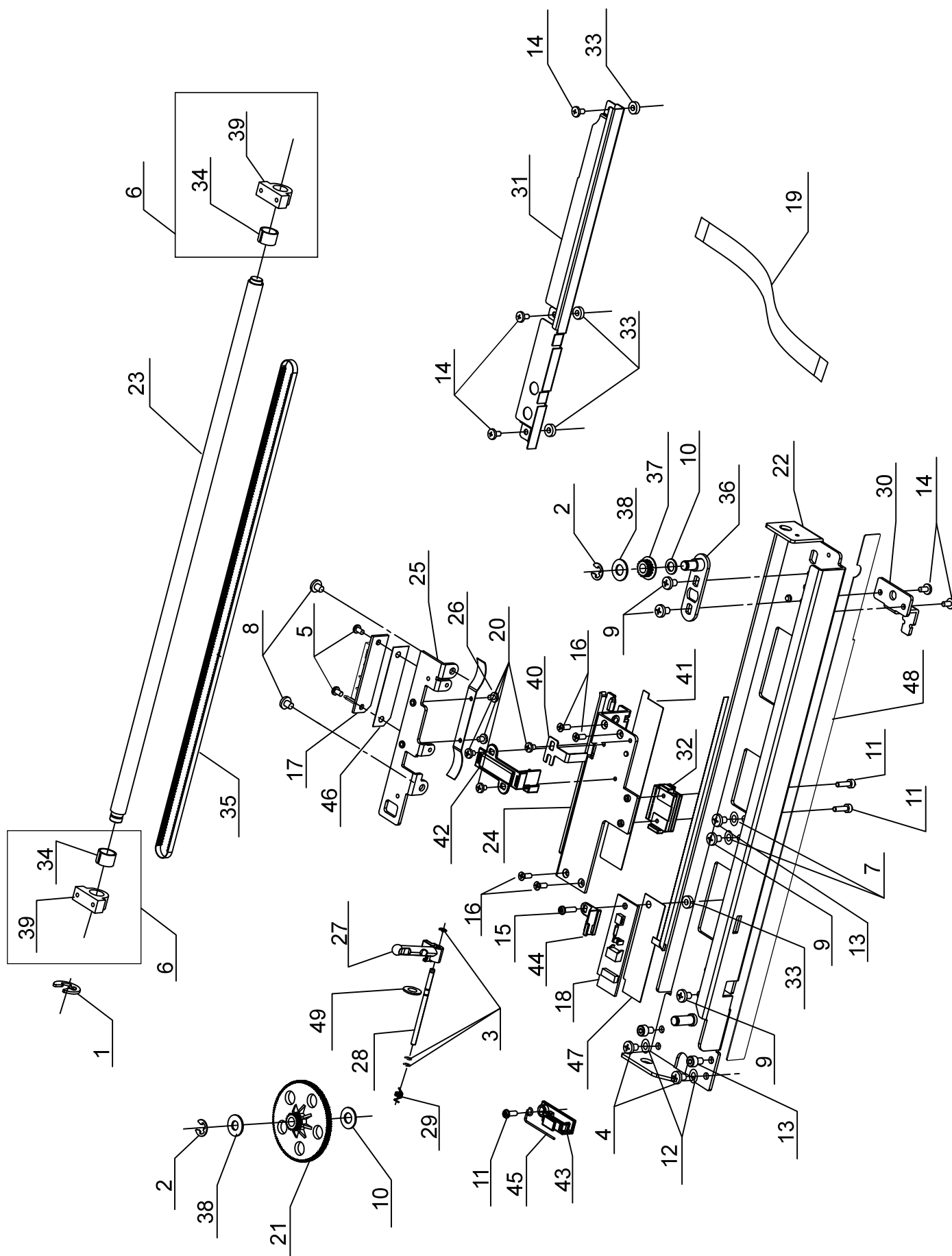
<u>Pos</u>	<u>Part No</u>	<u>Description</u>
1	270 039615	CLIP-ON-WASHER
2	270 065826	TAPPING SCREW
3	270 077042	M4 PHILIPS SCREW
4	416435101	TAPPING SCREW
5	270 083116	CAP
6	270 087766	BLADE
7	416452101	SPRING
8	270 088415	THREADER LEVER
9	416452001	THREADER SHAFT
10	416452201	EXTENSION SPRING
11	416452301	HOLDER TENSION DISC
12	270 088433	WASHER
13	416452401	THREAD HOLDER
14	416452501	THREADER LEVER PLATE
15	416458901	FACE COVER



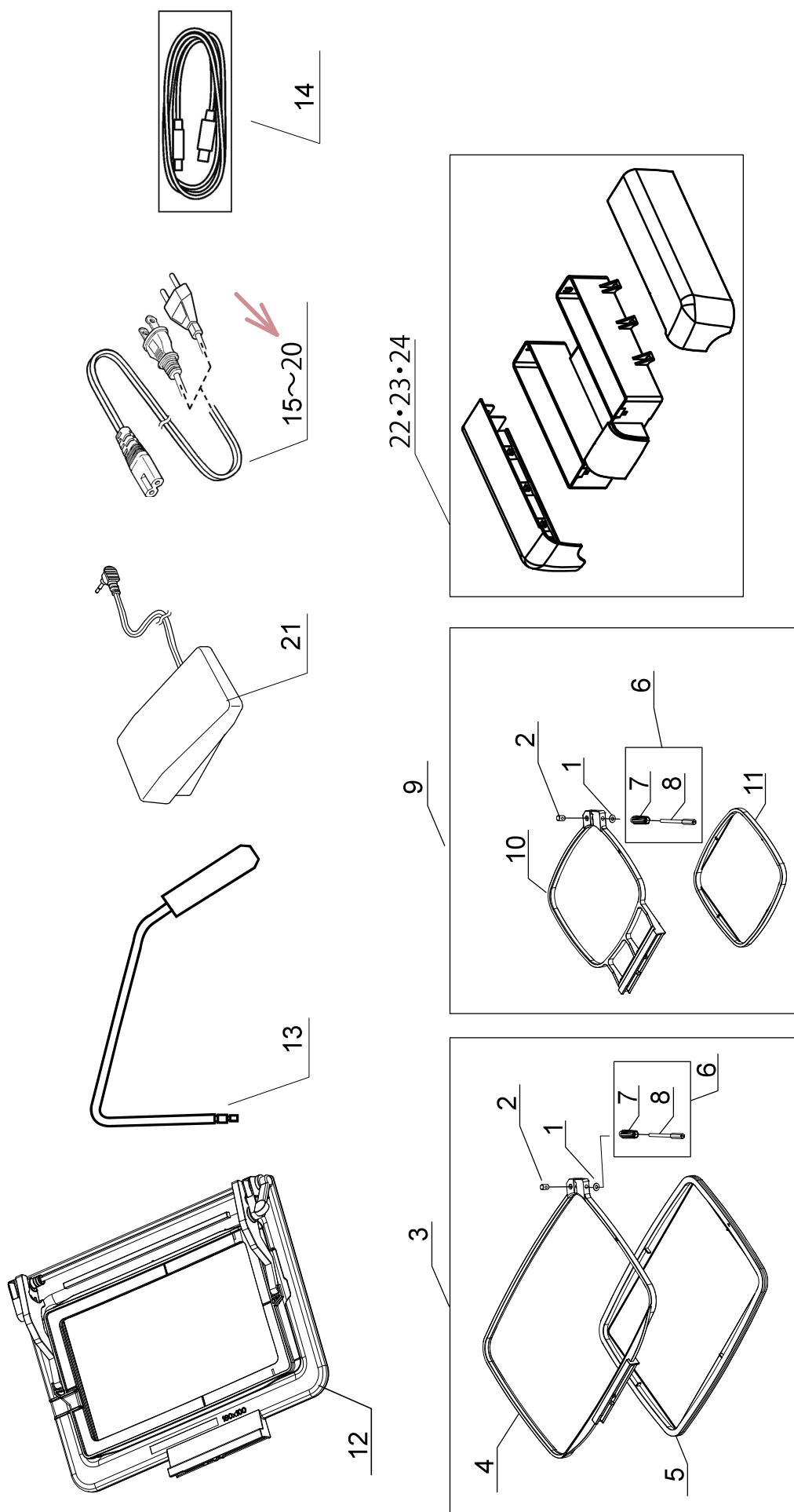
<u>Pos</u>	<u>Part No</u>	<u>Description</u>
1	270 039213	M3 SCREW
2	270 046293	CS-5 CLIP-ON-WASHER
3	270 047181	TAPPING SCREW
4	270 063736	TAPPING SCREW
5	270 080110	M3 PHILIPS SCREW
6	270 077041	UNITY FASTENER
7	270 077042	M4 PHILLIPS SCREW
8	270 077044	M3 PHILIPS SCREW
9	270 085318	FERRITE RING
10	416452701	CONNECTING HARNESS
11	416452801	RELEASE LEVER SPRING
12	416459001	CARRIAGE
13	416453001	TOP COVER
14	416453101	DRAWER
15	416454001	RAIL GUIDE
16	416453201	RELEASE LEVER
17	416781001	CARRIAGE COVER LID
18	416781101	DRAWER COVER
19	416453301	FEED DOG DROP PIN
20	416453401	RUBBER FOOT
21	416453501	CARRIAGE HARNESS COVER
22	416453701	SLIT COVER
23	416453801	FLAP
24	416538201	SPACER
25	416453601	CAP



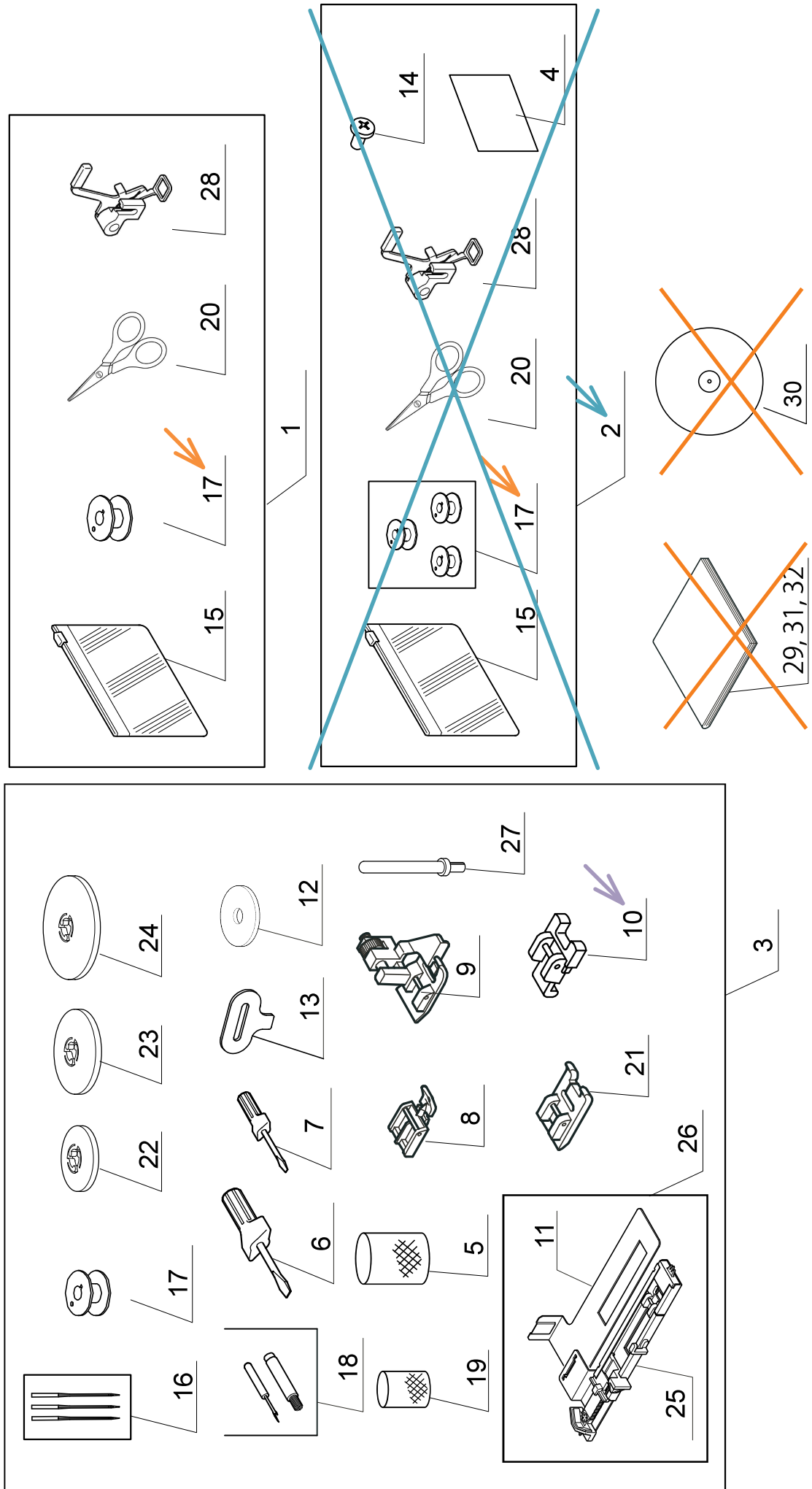
Pos	Part No	Description
1	270 001513	E4 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	416442801	M3 SCREW
4	416781201	X AXIS METAL BUSH
5	270 061222	M4 PHILIPS SCREW
6	270 061224	M4 PHILIPS SCREW
7	416454701	WASHER
8	415404701	M3 PHILIPS SCREW
9	270 077041	UNITY FASTENER
10	270 077042	M4 PHILLIPS SCREW
11	270 077044	M3 PHILIPS SCREW
12	270 080110	BOLT
13	270 085072	M3 SCREW
14	416454801	X AXIS MOTOR
15	416454901	X AXIS SENSOR HARNESS
16	416455001	X AXIS FFC CORD
17	416455101	Y AXIS MOTOR
18	416455201	X AXIS MAIN BOARD
19	270 086349	GUIDE ROLLER
20	416821901	CP BOLT
21	416781301	X BASE
22	416781401	X MOVING PLATE
23	416781501	X AXIS METAL
24	416455301	X AXIS SHAFT
25	416781601	X AXIS RAIL PLATE
26	416781701	X AXIS DOG ADJUSTING PLATE
27	416455401	X AXIS BELT HOLDER
28	416781801	JOINING HARNESS SUPPORT
29	416781901	F CABLE HOLDER
30	416473701	X AXIS BUSH
31	416455501	DRIVING PULLEY
32	416455601	X AXIS ROLLER SUPPORT
33	416782001	INSULATION SHEET
34	416782101	INSULATION SHEET
35	416455701	X AXIS TIMING BELT
36	416782201	X AXIS MOVING PLATE SUPPORT
37	416782301	CP SCREW
38	416455801	PULLEY BASE
39	416455901	PULLEY
40	416456001	WASHER
41	416723301	UNITY FASTENER
42	416782401	FERRITE CORE



Pos	Part No	Description
1	270 001504	E7 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	270 025436	E2 CLIP-ON-WASHER
4	270 031733	M3 NUT
5	416442801	M3 SCREW
6	416782501	Y AXIS METAL BUSH
7	270 058220	WASHER
8	270 061221	M4 PHILIPS SCREW
9	270 061222	M4 PHILIPS SCREW
10	416454701	WASHER
11	270 063796	M3 SCREW
12	270 063805	WASHER
13	270 072367	M4 CP SCREW
14	270 077053	M3 PHILIPS SCREW
15	270 077057	M3 PHILIPS SCREW
16	270 085072	M3 SCREW
17	416454601	SENSOR HARNESS
18	416456101	Y AXIS SENSOR HARNESS
19	416456201	Y AXIS FFC CORD
20	270 087256	M3 SCREW
21	416455501	DRIVING PULLEY
22	416782601	Y AXIS BASE
23	416456301	Y AXIS SHAFT
24	416782701	Y AXIS MOVING PLATE
25	416821601	SWITCH HARNESS SUPPORT
26	416456401	HOOP HOLDER SPRING PLATE
27	416456501	HOOP FIXING LEVER
28	416456601	HOOP FIXING LEVER SHAFT
29	416456701	HOOP FIXING LEVER SPRING
30	416782801	X AXIS RAIL GUIDE SUPPORT
31	416782901	F CABLE GUIDE PLATE
32	416783001	Y AXIS RAIL GUIDE SUPPORT
33	416456801	SPACER
34	416473801	Y AXIS BUSH
35	416456901	Y AXIS TIMING BELT
36	416455801	PULLEY BASE
37	416455901	PULLEY
38	416456001	WASHER
39	416783101	Y AXIS METAL
40	416783201	Y AXIS DOG ADJUSTING PLATE
41	416783301	PROTECTION STICKER
42	416783401	F CABLE HOLDER A
43	416783501	F CABLE HOLDER B
44	416783601	F CABLE HOLDER C
45	416783701	F CABLE GUIDE
46	416783801	INSULATION SHEET
47	416783901	INSULATION SHEET
48	416784001	Y AXIS BASE SHEET
49	270 037515	WASHER



Pos	Part No	Description
1	270 053735	WASHER
2	416453901	M4 NUT
3	416784101	LARGE HOOP (SET)
4	416784201	OUTER FRAME (L)
5	68013671	INNER FRAME (L)
6	416454201	HOOP SECURING SCREW (SET)
7	68013673	HOOP SECURING SCREW COVER
8	68013674	HOOP SECURING SCREW
9	416454301	SMALL HOOP (SET)
10	416454301	OUTER FRAME (S)
11	416454301	INNER FRAME (S)
12	416784301	ENDLESS HOOP (XL-420)
13	416784801	KNEE LIFTER
14	416436901	USB CABLE
15	412157903	POWER CORD (120V)
16	412157801	POWER CORD (230V)
17		POWER CORD (Australia)
18		POWER CORD (India)
19		POWER CORD (China)
20	412158002	POWER CORD (3Pin)
21	416436101	FOOT CONTROL
22	416436501	ACC. BOX (SEQS-6000, SP-QN)
23	416437701	ACC. BOX (XL-400)
24	416823901	ACC. BOX (XL-420)



Pos	Part No	Description
1	416784401	ACCESSORY SET
2		ACCESSORY SET (ITALY ONLY)
3	416784601	ACCESSORY SET
4		INTRODUCTION SEE AT
5	68014544	THREAD SPOOL NET (LONG)
6	270 065811	LARGE SCREW DRIVER
7	270 074793	SMALL SCREW DRIVER
8	416437001	ZIPPER FOOT
9	416437101	BLIND STITCH FOOT
10	68014561	BUTTON SEWING FOOT
11	SEE #26	BUTTONHOLE PLATE (Replaced by 270 088100)
12	68004084	SPOOL PIN DISC
13	68004086	LARGE SCREW DRIVER
14		#7 SCREW FOR SHANK
15	141000297	ACCESSORY VINYL BAG
16	N200014BZ03	NEEDLE SET
17	270 085128	BOBBIN
18	416436401	BUTTONHOLE OPENER / BRUSH
19	270 086933	THREAD SPOOL NET (SHORT)
20	270 087003	SCISSORS
21	416437201	SATIN FOOT
22	270 087287	SPOOL PIN CAP (MINI)
23	270 087289	SPOOL PIN CAP (SMALL)
24	270 087290	SPOOL PIN CAP (LARGE)
25	SEE #26	BUTTONHOLE FOOT (Replaced by 270 088100)
26	270 088100	BUTTONHOLE FOOT
27	270 088366	SPOOL PIN
28	416436701	EMBROIDERY PRESSER FOOT
29		INTRODUCTION BOOK (Eng/Fre/Spa) (XL-420)
30		IB-CD (XL-400, XL-420)
31		INTRODUCTION BOOK (Eng/Fre/Spa) (XL-400)
32		INTRODUCTION BOOK (Eng) (SEQS-6000)