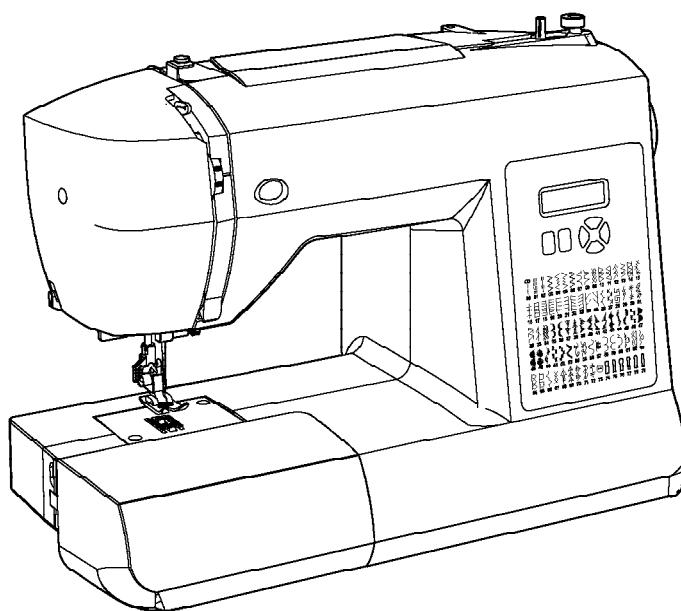




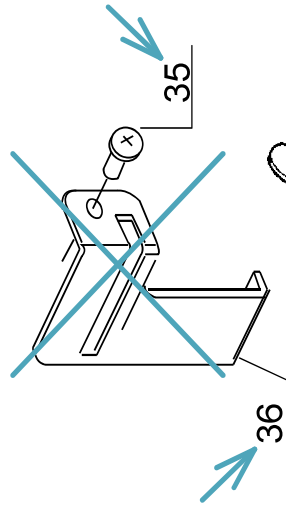
SINGER®

6660-6680-6699
MT-1981



Liste de pièces
Lista de Piezas
Parts List

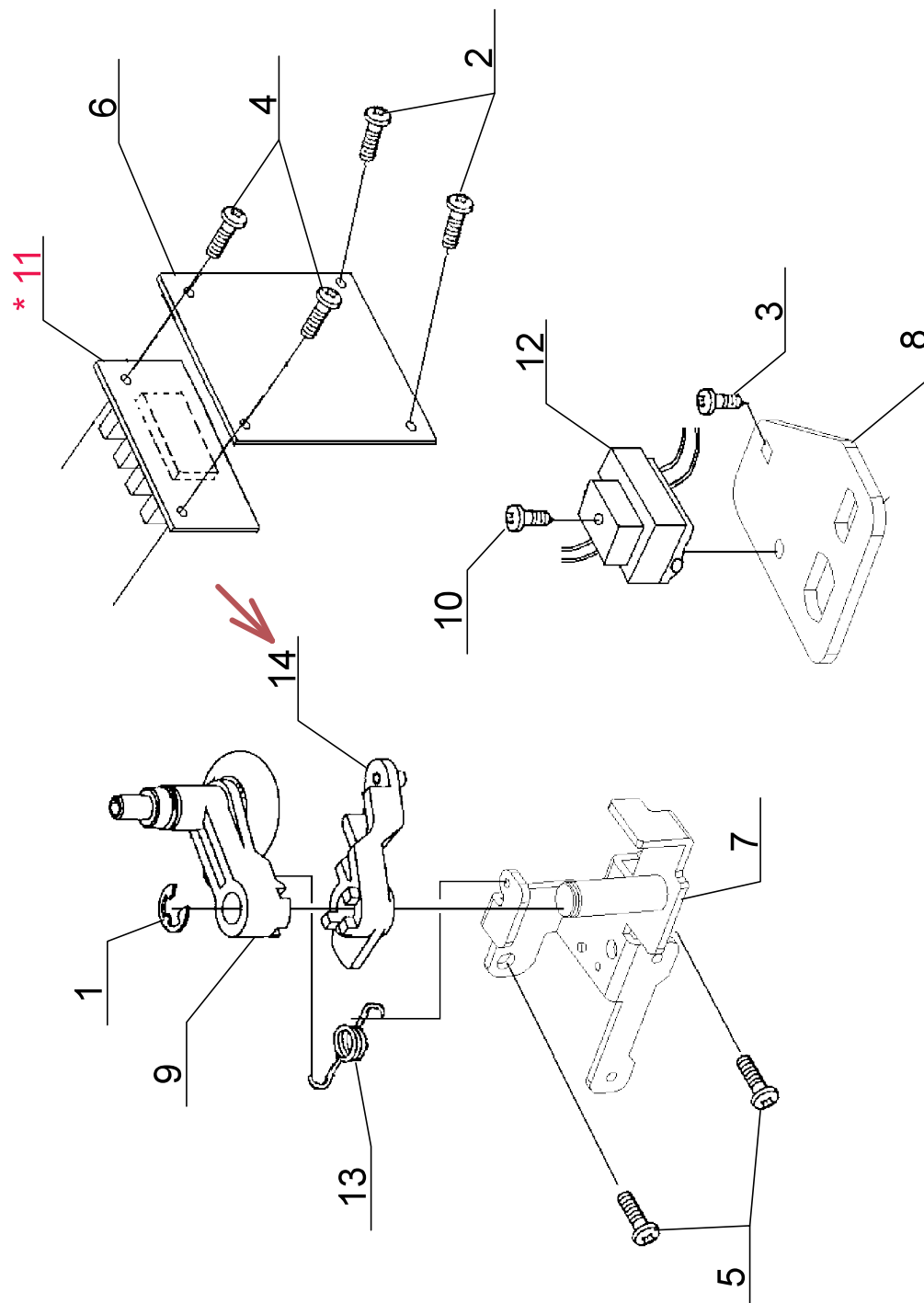
37



Pos	Part Number	Description
1	270 010963	E6 CLIP-ON-WASHER
2	270 043389	THRUST WASHER
3	270 043930	SPRING PIN
4	416459701	WASHER
5	270 066235	SECURING PLATE
6	270 066437	BUSH
7	270 067447	M5 SCREW
8	270 068152	BALL BUSH
9	270 073371	M6 SCREW
10	270 073434	M4 PHILIPS SCREW
11	270 073472	COLLAR
12	270 075207	CS-CLIP
13	270 077035	M4 PHILIPS SCREW
14	416531201	COLLAR
15	416531201	FLANGE
16	68015589	CONNECTING ROD
17	416531501	MAIN SHAFT
18	416531601	SENSOR CAM
19	416531701	ECCENTRIC CAM
20	416459801	BALANCE CAM
21	416459901	TAKE-UP LEVER
22	416460101	CRANK SHAFT
23	416531801	FEED REGULATING CAM
24	416531901	M3 PHILIPS SCREW
25	416460201	RATCHET
26	416460301	SHAFT
27	416460401	TAKE-UP LEVER CRANK
28	416460501	BELT PULLEY
29	68012853	HAND WHEEL
30	416460701	COMPRESSION SPRING
31	416460801	PIN
32	416460901	E8 CLIP-ON-WASHER
33	416461001	PIN
34	416433401	SPRING PIN
35		M4 PHILLIPS SCREW
36		BELT GUIDE
37	68003230	TAKE-UP LEVER ASSY

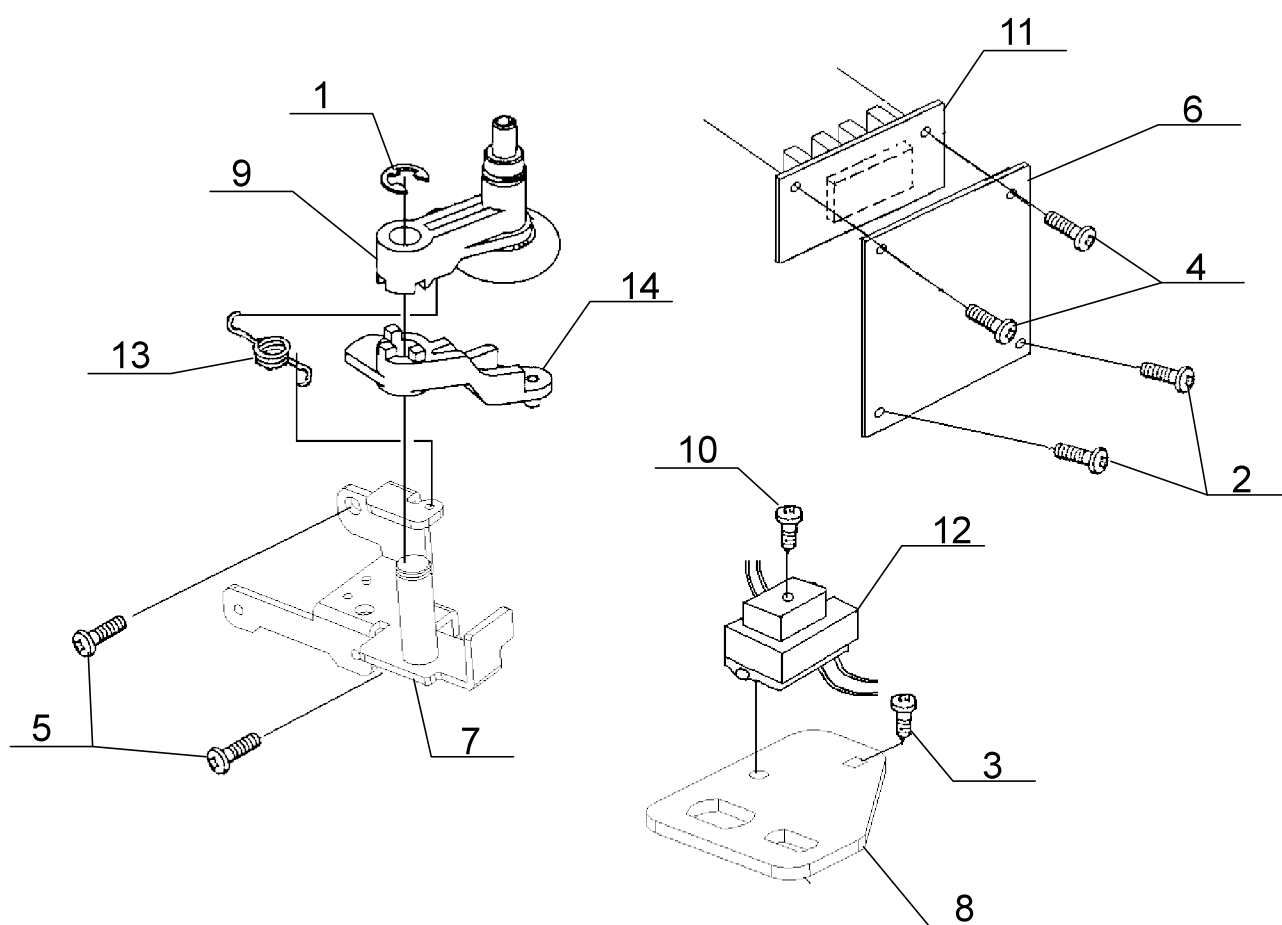
B-1

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * ".
Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 010963	E6 CLIP-ON-WASHER
2	270 061222	M4 PHILIPS SCREW
3	270 073900	M3 PHILIPS SCREW
4	270 076317	M3 PHILIPS SCREW
5	270 077042	M4 PHILLIPS SCREW
6	416532101	INSULATING SHEET
7	416461101	BOBBIN WINDER BRACKET
8	416532201	BRACKET
9	416461201	BOBBIN WINDER ASSY
10	270 085274	M2 SCREW
*11	416461301	*CAM SENSOR HARNESS UNIT*
12	416461401	SWITCH HARNESS
13	270 087182	TORSION SPRING
14	68015594	BOBBIN WINDER BASE

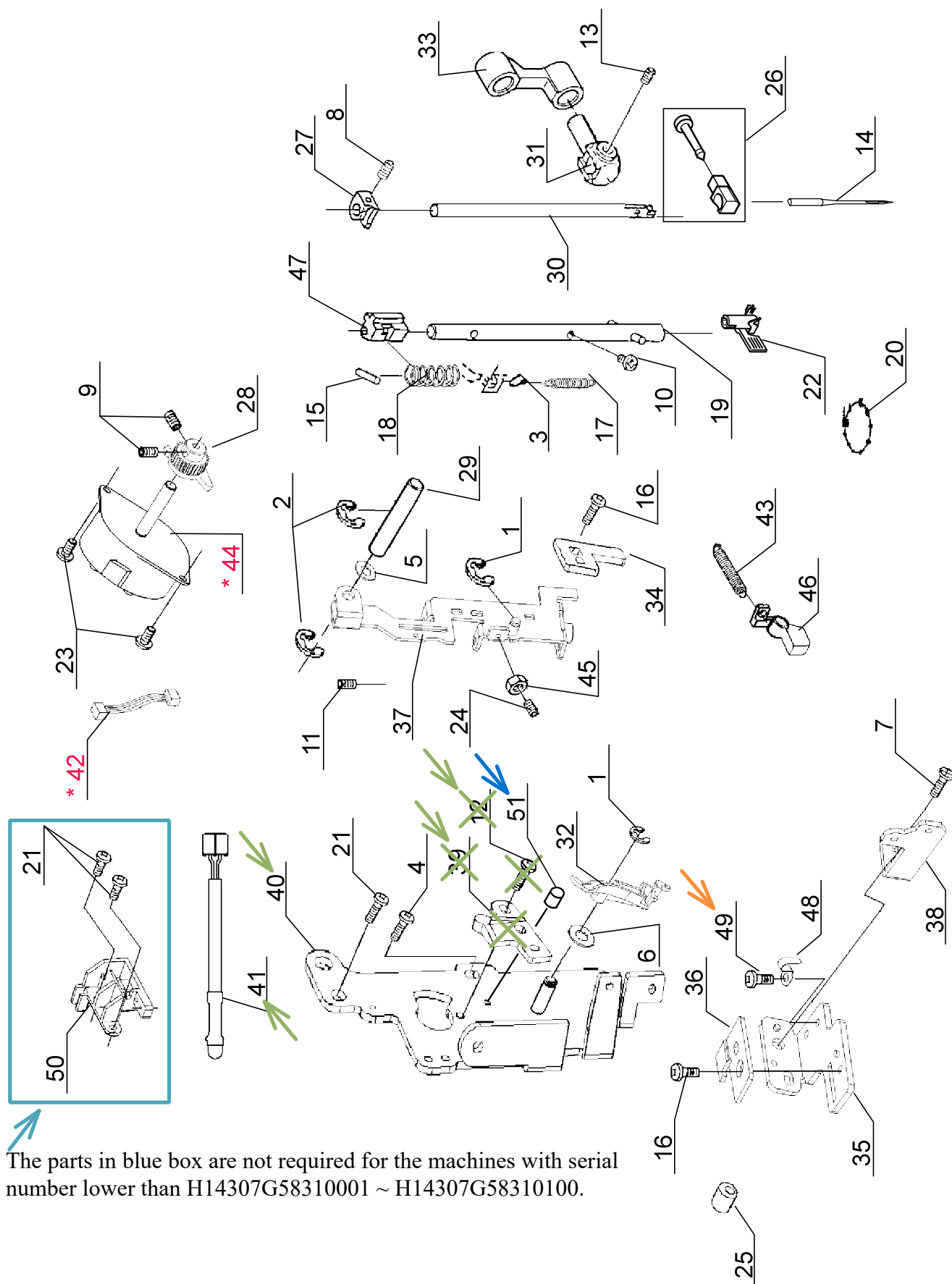
Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with ” * ” .
 Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 010963	E6 CLIP-ON-WASHER
2	270 061222	M4 PHILIPS SCREW
3	270 073900	M3 PHILIPS SCREW
4	270 076317	M3 PHILIPS SCREW
5	270 077042	M4 PHILLIPS SCREW
6	416532101	INSULATING SHEET
7	416461101	BOBBIN WINDER BRACKET
8	416532201	BRACKET
9	416461201	BOBBIN WINDER ASSY
10	270 085274	M2 SCREW
11	68014187	CAM SENSOR HARNESS UNIT
12	416461401	SWITCH HARNESS
13	270 087182	TORSION SPRING
14	68015594	BOBBIN WINDER BASE

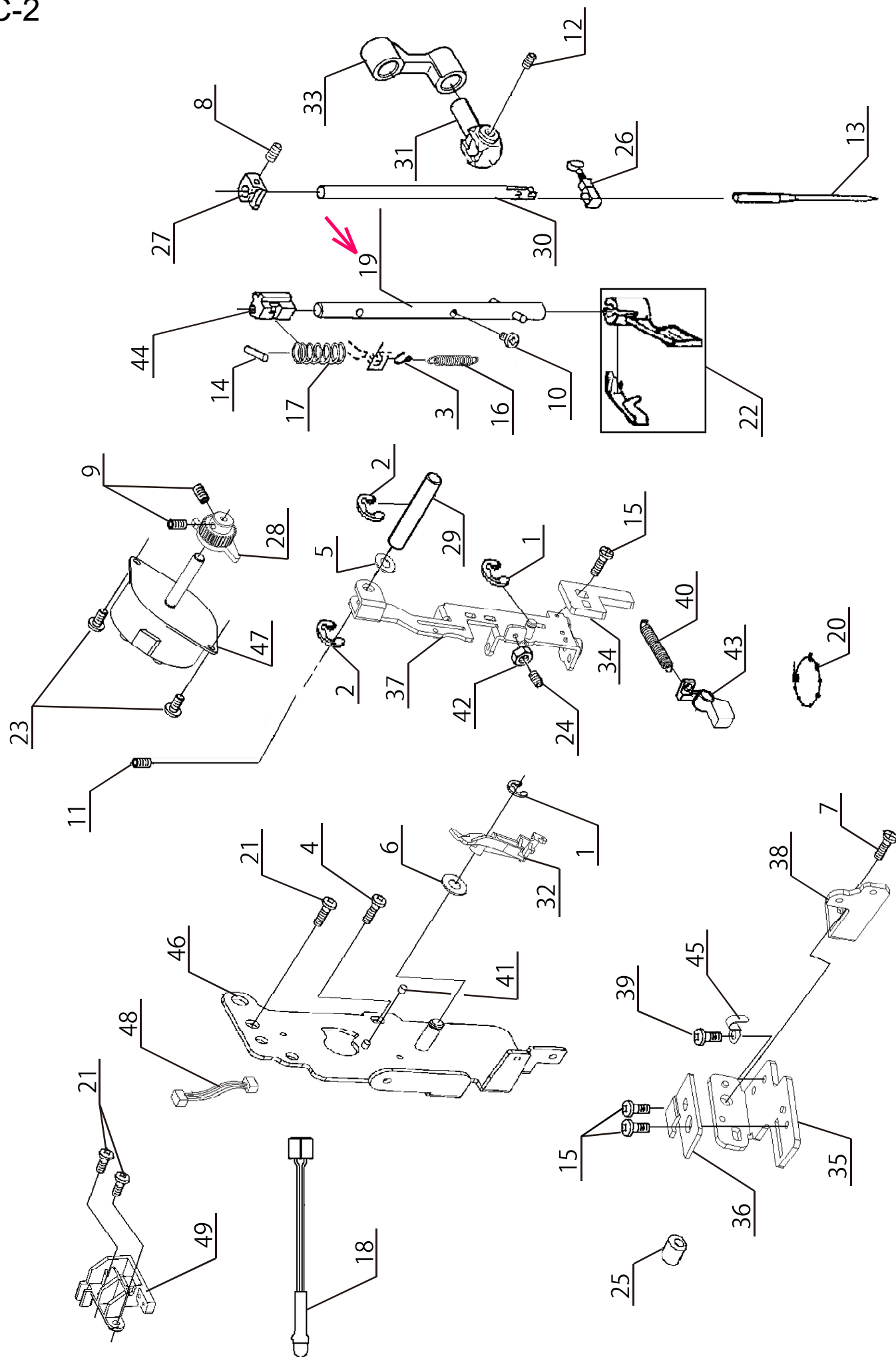
C-1

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with ” * ” .
 Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 001513	E4 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	270 028917	HOOK FOR SPRING
4	270 039817	M4 PHILIPS SCREW
5	270 042359	CRINKLE WASHER
6	270 053321	THRUST WASHER
7	270 061224	M4 PHILIPS SCREW
8	270 064359	M4 SCREW
9	270 064653	M3 SCREW
10	270 066005	M2 PHILIPS SCREW
11	270 066052	M4 SCREW
12		M3 PHILIPS SCREW
13	270 066725	M4 SCREW
14		NEEDLE
15	270 068343	PIN
16	270 073900	M3 PHILIPS SCREW
17	270 074050	EXTENSION SPRING
18	270 075027	COMPRESSION SPRING
19	270 076163	NEEDLE BAR
20	270 077041	UNITY FASTENER
21	270 077042	M4 PHILLIPS SCREW
22	270 077421	THREADER ASSEMBLY
23	270 080110	M3 PHILIPS SCREW
24	416514001	M3 SCREW
25	416532301	RUBBER RING
26	416487801	NEEDLE CLAMP SET
27	416461601	STOPPER
28	416461701	ZIGZAG DRIVE GEAR
29	416532401	SUPPORT BASE PIN
30	416532501	NEEDLE BAR
31	416461801	NEEDLE BAR CRANK
32	416532601	ZIGZAG GUIDE BLOCK
33	416461901	NEEDLE BAR CRANK
34	416532901	LATCH PLATE
35	416533001	NEEDLE BAR SWING BRACKET
36	416533101	POSITIONER
37	416533201	NEEDLE BAR SUPPORT
38	416533301	THREAD GUIDE PLATE SECURING PLATE
39		ZIGZAG CAM STOPPER
40	68015637	NEEDLE BAR SUPPORT BRACKET
41	68014188	LED HARNES
*42	416533601	*SENSOR UNIT*
43	270 087183	SPRING
*44	270 087600	*STEPPING MOTOR*
45	416514101	M3 AR NUT
46	416462001	ECCENTRIC CAM
47	416462101	GUIDE BLOCK
48	68003793	CABLE CLAMPER
49	270 086376	M3 PHILIPS SCREW
50	68014189	MAIN SHAFT SUPPRT
51	68016840	TUBE

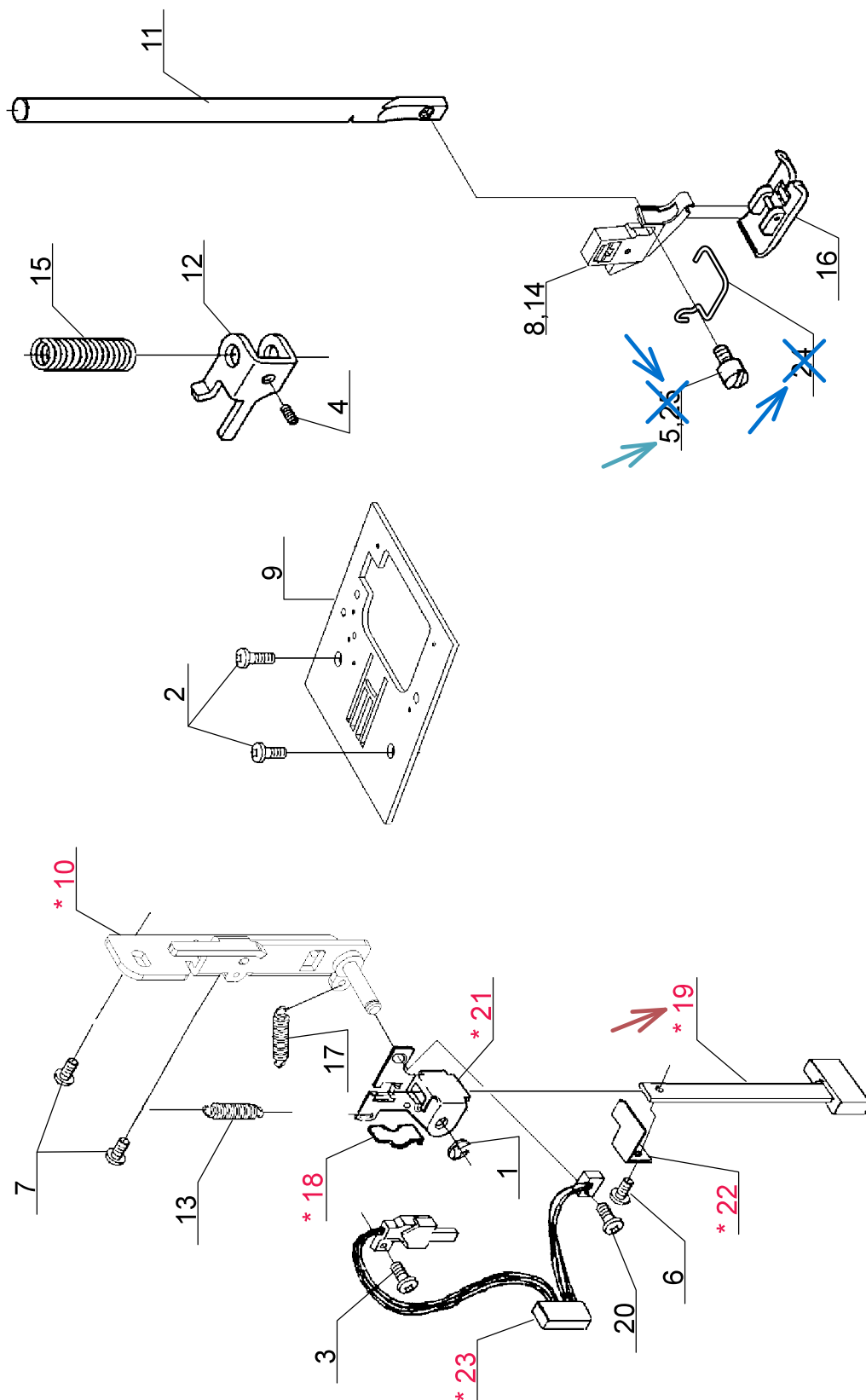
Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * " .
 Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 001513	E4 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	270 028917	HOOK FOR SPRING
4	270 039817	M4 PHILIPS SCREW
5	270 042359	CRINKLE WASHER
6	270 053321	THRUST WASHER
7	270 061224	M4 PHILIPS SCREW
8	270 064359	M4 SCREW
9	270 064653	M3 SCREW
10	270 066005	M2 PHILIPS SCREW
11	270 066052	M4 SCREW
12	270 066725	M4 SCREW
13		NEEDLE
14	270 068343	PIN
15	270 073900	M3 PHILIPS SCREW
16	270 074050	EXTENSION SPRING
17	270 075027	COMPRESSION SPRING
18	68014188	LED HARNES
19	68020219	NEEDLE BAR
20	270 077041	UNITY FASTENER
21	270 077042	M4 PHILLIPS SCREW
22	270 077421	THREADER ASSEMBLY
23	270 080110	M3 PHILIPS SCREW
24	416514001	M3 SCREW
25	416532301	RUBBER RING
26	416487801	NEEDLE CLAMP SET
27	416461601	STOPPER
28	416461701	ZIGZAG DRIVE GEAR
29	416532401	SUPPORT BASE PIN
30	416532501	NEEDLE BAR
31	416461801	NEEDLE BAR CRANK
32	416532601	ZIGZAG GUIDE BLOCK
33	416461901	NEEDLE BAR CRANK
34	416532901	LATCH PLATE
35	416533001	NEEDLE BAR SWING BRACKET
36	416533101	POSITIONER
37	416533201	NEEDLE BAR SUPPORT
38	416533301	THREAD GUIDE PLATE SECURING PLATE
39	416504501	M3 PHILIPS SCREW
40	270 087183	SPRING
41	68016840	TUBE
42	416514101	M3 AR NUT
43	416462001	ECCENTRIC CAM
44	416462101	GUIDE BLOCK
45	68003793	CABLE CLAMPER
46	68015637	NEEDLE BAR SUPPORT BRACKET
47	68014194	STEPPING MOTOR
48	68015639	SENSOR UNIT
49	68014189	MAIN SHAFT SUPPRT

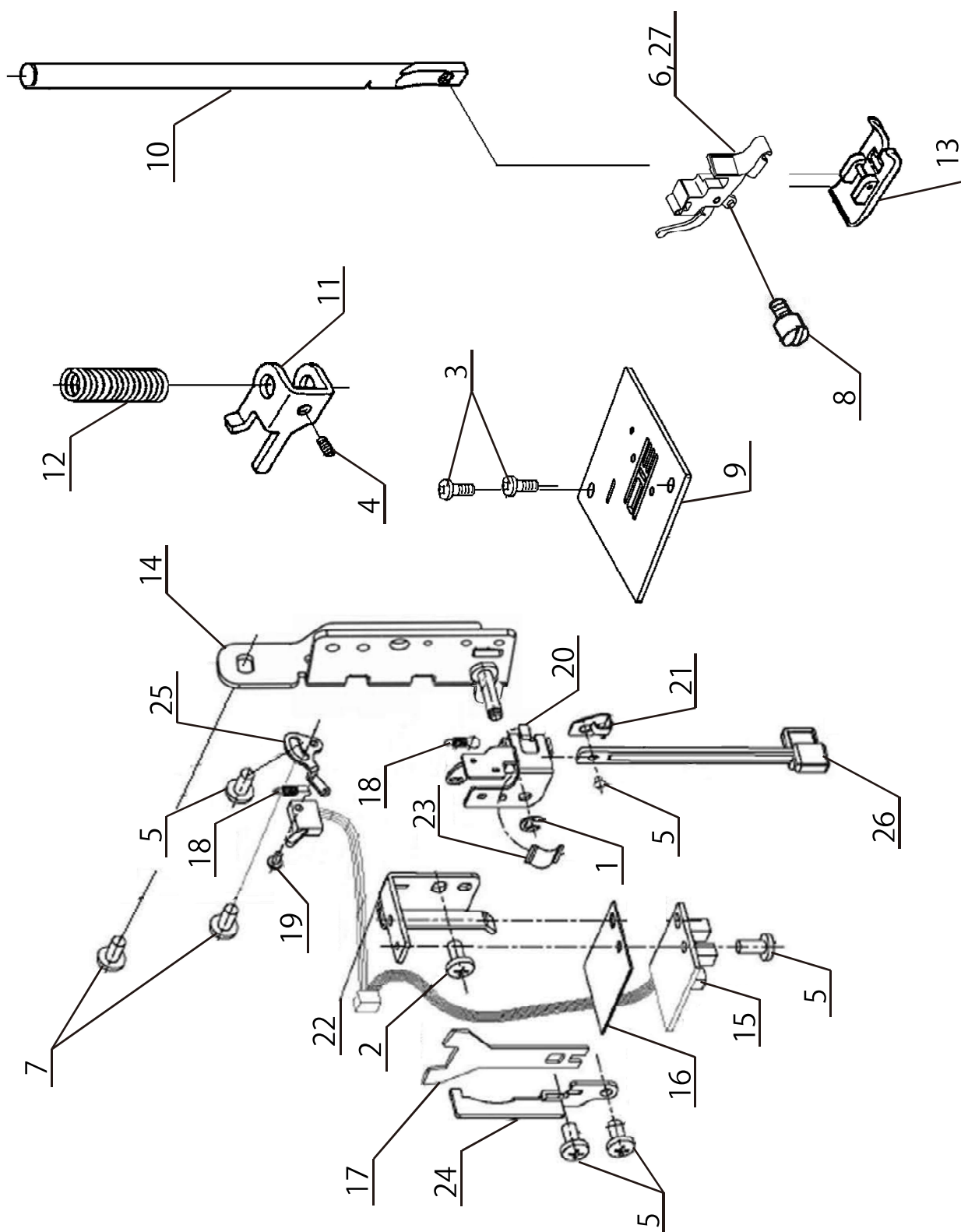
D-1

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * ".
Replace kit for CPU / SWITCH CIRCUIT BOARD

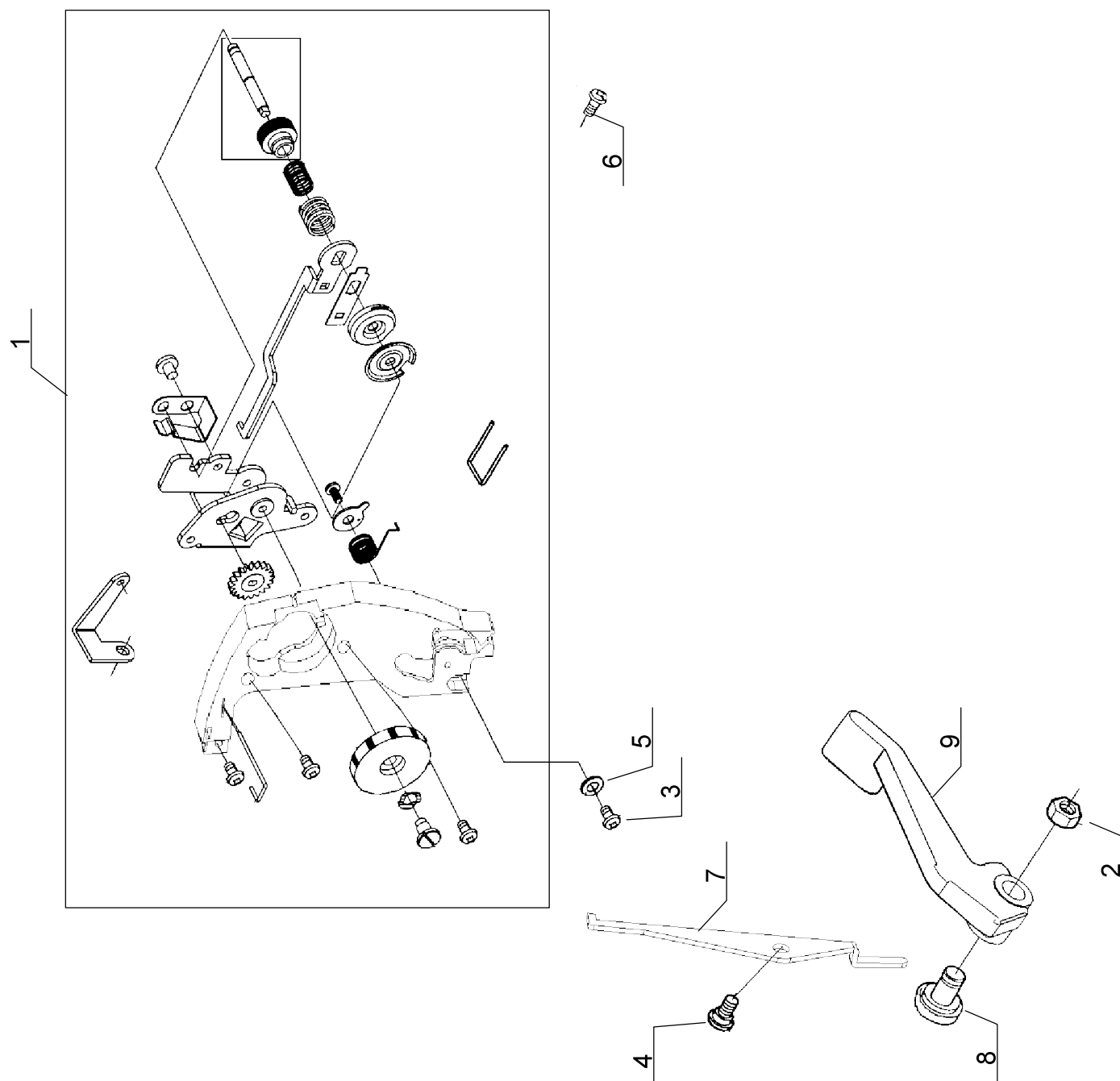


Pos	Part Number	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 064051	M4 SCREW
3	270 066005	M2 PHILIPS SCREW
4	270 066727	M4 SCREW
5	270 080065	#7 SCREW FOR SHANK
6	270 073900	M3 PHILIPS SCREW
7	270 077042	M4 PHILLIPS SCREW
8	68015643	PRESSER FOOT HOLDER (6680,6699 ONLY)
9	416462201	NEEDLE PLATE
*10	416533701	*BH SECURING PLATE*
11	416533801	PRESSER BAR
12	416462401	PRESSURE BAR GUIDE
13	416533901	EXTENSION SPRING
14	270 076250	PRESSER FOOT HOLDER (6660 ONLY)
15	416462601	COMPRESSION SPRING
16	416474001	ZIGZAG PRESSER FOOT
17	270 085064	EXTENSION SPRING
*18	270 085181	*LEAF SPRING*
*19	68013726	*BH PLATE (A)*
20	270 085262	M2 SCREW
*21	270 087117	*BH PLATE B*
*22	270 087118	*BH PLATE (C)*
*23	416828001	*BH SWITCH HARNESS*
24		FINGER GUARD (ITALY ONLY)
25		#7 SCREW FOR SHANK (ITALY ONLY)

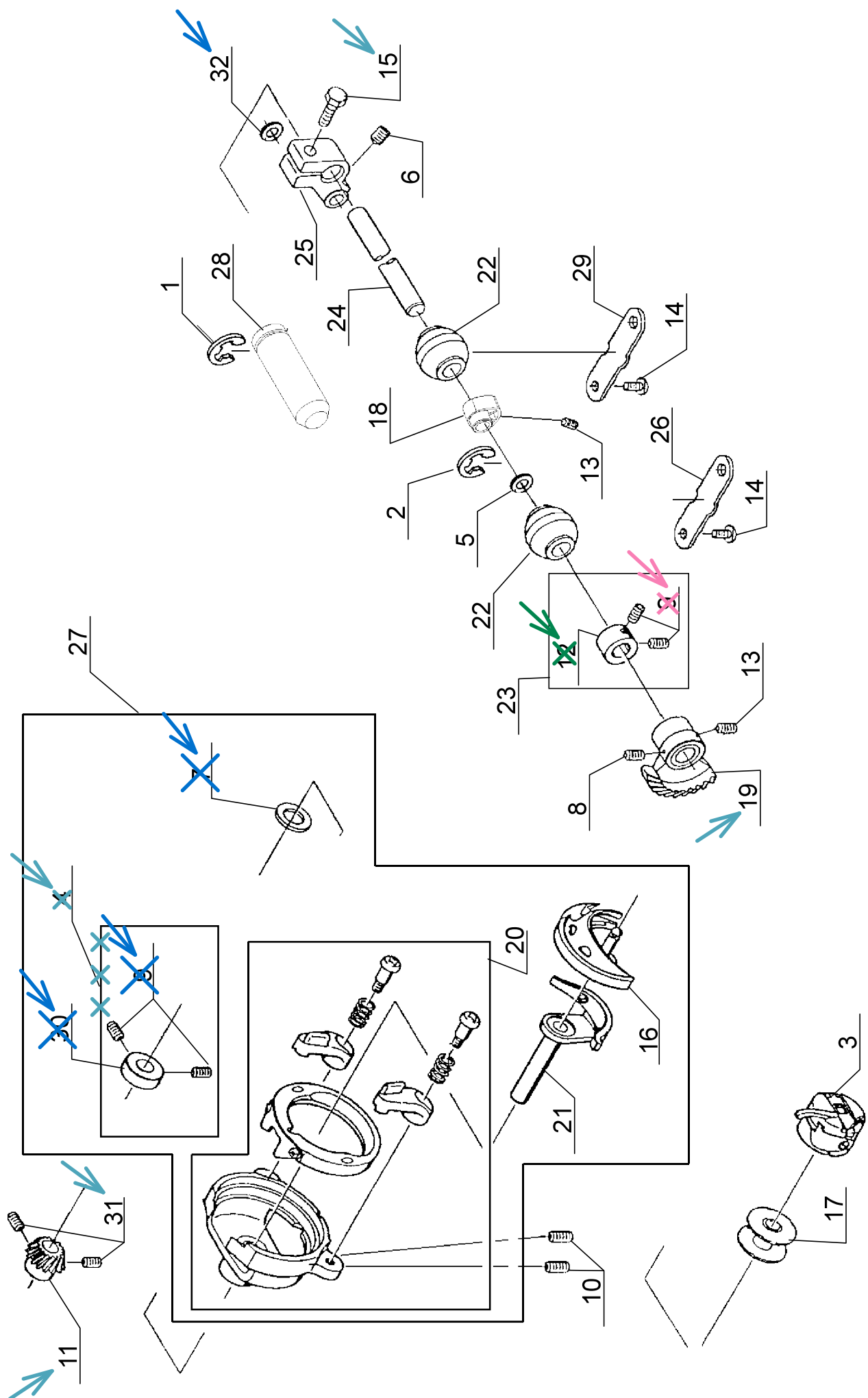
Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with ” * ” .
 Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 061221	M4 SCREW
3	270 064051	M4 SCREW
4	270 066727	M4 SCREW
5	270 073900	M3 PHILIPS SCREW
6	270 076250	PRESSER FOOT HOLDER (6660 ONLY)
7	270 077042	M4 PHILLIPS SCREW
8	270 080065	SCREW FOR SHANK
9	416462201	NEEDLE PLATE
10	416533801	PRESSER BAR
11	416462401	PRESSURE BAR GUIDE
12	416462601	COMPRESSION SPRING
13	416474001	ZIGZAG PRESSER FOOT
14	68015680	BUTTON HOLE SECURING PLATE
15	416504701	BH HARNESS
16	416504801	INSULATION SHEET
17	416505201	BH DETECTION LEVER
18	270 085064	EXTENSION SPRING
19	270 085262	M2 SCREW
20	270 087679	BH PLATE (B)
21	270 087680	BH PLATE (C)
22	270 087693	BH HARNESS MOUNTING PLATE
23	270 087694	TORQUE PLATE SPRING
24	270 087695	BH GUIDE PLATE
25	416440301	SW DOG ADJUSTMENT PLATE
26	68013596	BH PLATE (A)
27	68015643	PRESSER FOOT HOLDER (6680,6699 ONLY)

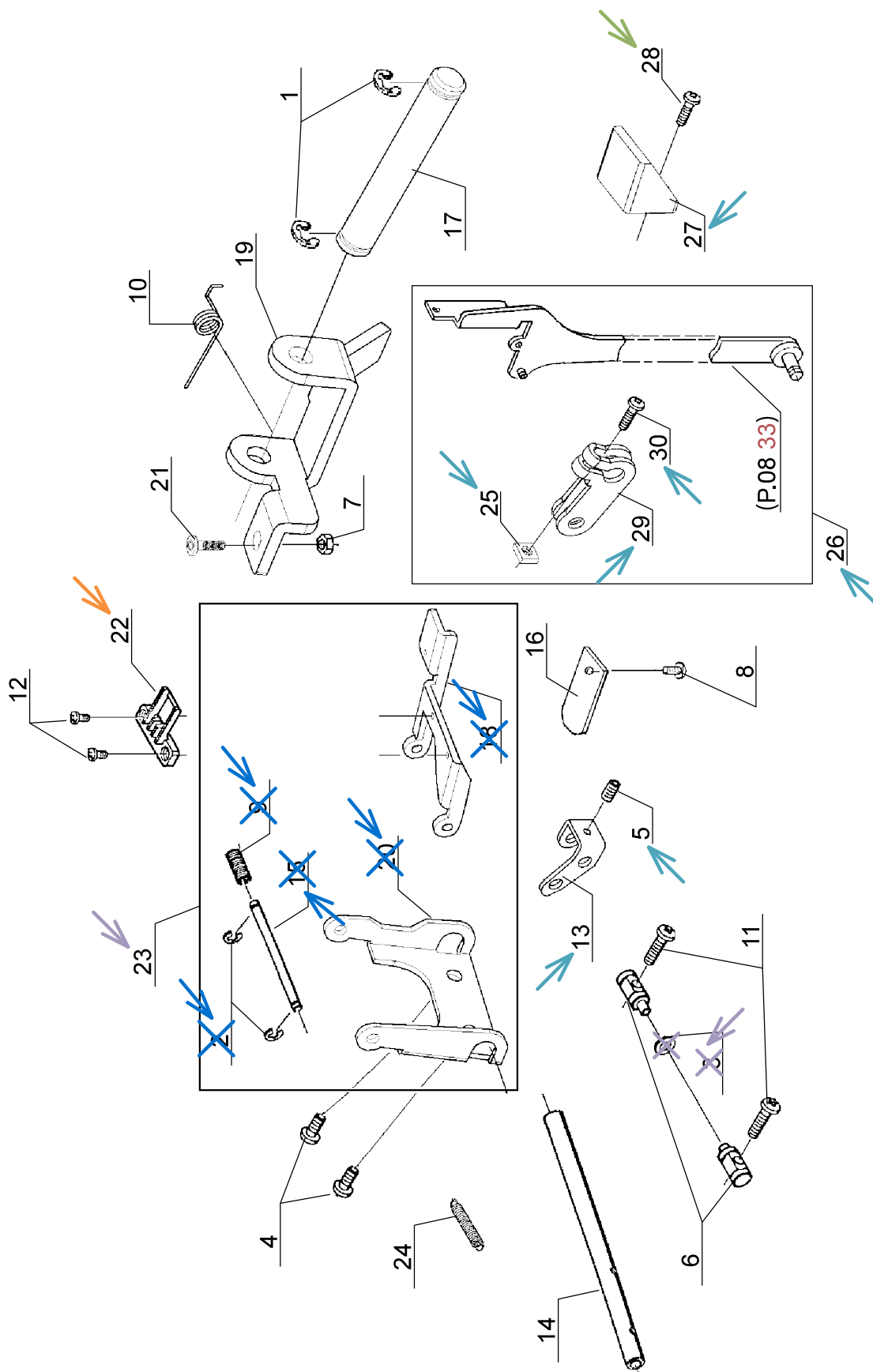


Pos	Part Number	Description
1	68003772	THREAD GUIDE PLATE UNIT
2	270 062215	M4 NUT
3	270 063796	M3 SCREW
4	270 072266	M4 STUD SCREW
5	270 072858	WASHER
6	270 077042	M4 PHILLIPS SCREW
7	416462801	TENSION RELEASE LEVER
8	270 087212	M4 SCREW
9	270 087297	PRESSURE BAR LIFTER



Pos	Part Number	Description
1	270 008400	E5 CLIP-ON-WASHER
2	270 010963	E6 CLIP-ON-WASHER
3	270 047910	BOBBIN CASE
4		COLLAR
5	270 061588	WASHER
6	270 062307	M4 SCREW
7		THRUST WASHER
8	270 066474	M5 SCREW
9		M4 SCREW
10	270 066727	M4 SCREW
11	68015685	SHUTTLE GEAR
12		COLLAR
13	270 067447	M5 SCREW
14	270 073434	M4 PHILIPS SCREW
15	270 073973	M4 BOLT
16	270 074097	SHUTTLE HOOK
17	270 085128	BOBBIN
18	416539701	FEED-DOG LIFTING CAM
19	68015687	BEVEL GEAR
20	416534201	SHUTTLE RACE ASSEMBLY
21	270 075241	SHUTTLE DRIVER
22	270 076141	BALL METAL
23	416534301	COLLAR
24	416534401	LOWER SHAFT
25	416534501	LOWER SHAFT ROCKER
26	416534601	SECURING PLATE A
27	68003776	SHUTTLE RACE ASSEMBLY
28	416534701	LOWER SHAFT PIN
29	416534801	SECURING PLATE A
30		COLLAR
31	68015688	M4 SCREW
32	270 059221	WASHER

- G** The machines with serial number lower than H14307G58310001 ~ H14307G58310100 :
- 1) If you need #5 or #13, please order #26 instead.
 - 2) #27 and #28 are not required.
- The machines with serial number larger than H14307G58310001 ~ H14307G58310100 :
- 1) No need to order #5 and #13, please order #25, #29 and #30 instead.
 - 2) #27 and #28 are required.

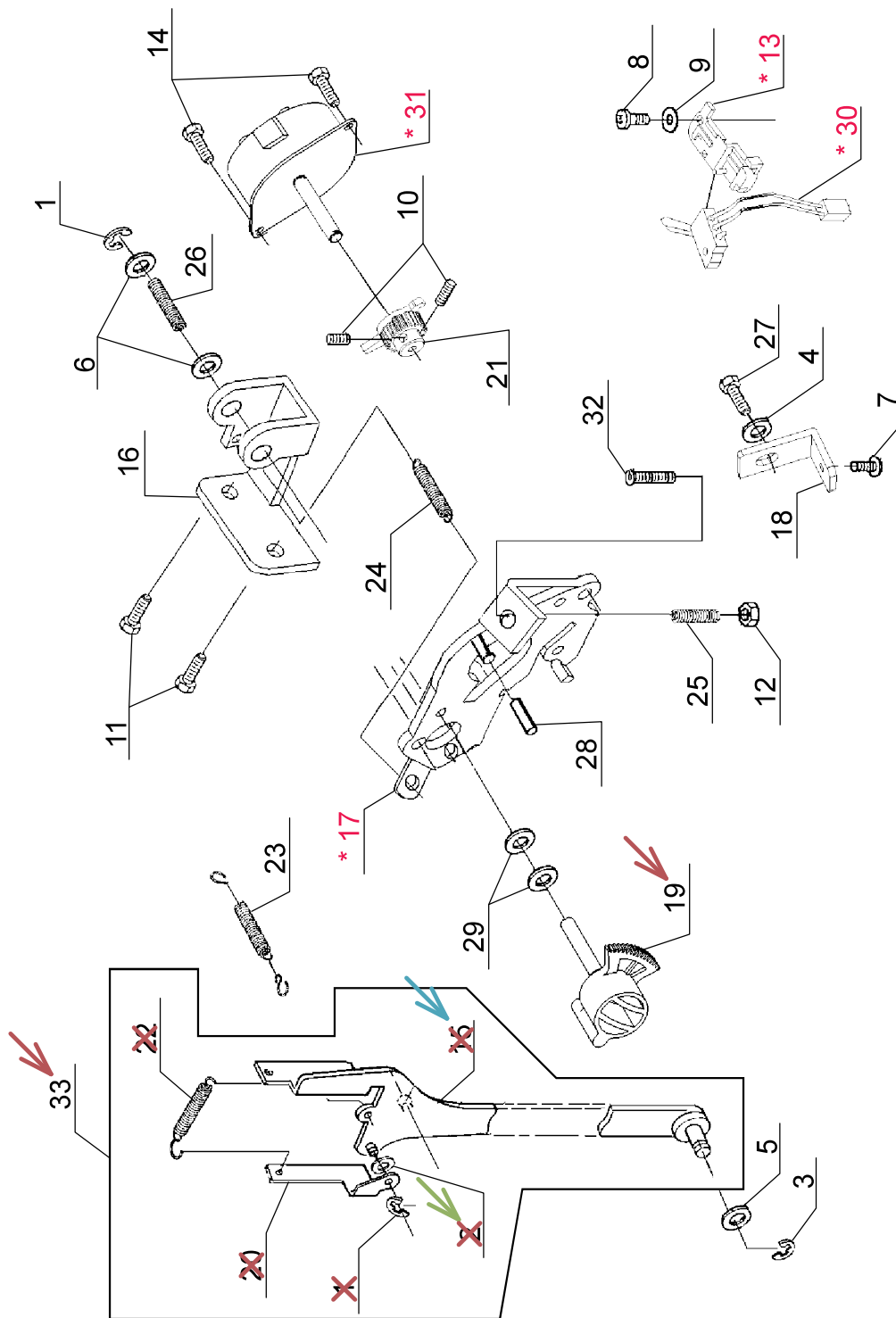


Pos	Part Number	Description
1	270 001513	E4 CLIP-ON-WASHER
2		E3 CLIP-ON-WASHER
3		WASHER
4	270 061224	M4 PHILIPS SCREW
5	270 061343	M4 SCREW
6	416535001	CENTER PIN
7	270 073299	M4 TORQUE NUT
8	270 073434	M4 PHILIPS SCREW
9		COMPRESSION SPRING
10	270 075190	TORSION SPRING
11	270 077035	M4 PHILIPS SCREW
12	416535101	M3 SCREW
13	416535201	FEED REGULATING ARM
14	416535301	FEED REGULATING SHAFT
15		SHAFT
16	416535501	SECURING PLATE
17	416535601	SHAFT
18		FEED-BASE
19	416535801	FEED-DOG LIFTING ARM BRACKET
20		FEED-REGULATING-BRACKET
21	416532001	M4 SCREW
22	68004469	FEED-DOG ver 2
23	68015692	FEED REGULATING BRACKET UNIT
24	270 087183	SPRING
25	270 039816	M4 SQUARE NUT
26	68017531	FEED REGULATING SET
27	68015690	SHAFT SUPPORT
28	270 061222	M4 PHILIPS SCREW
29	68015689	FEED REGULATING ARM
30	270 077035	M4 SETSCREW

H-1

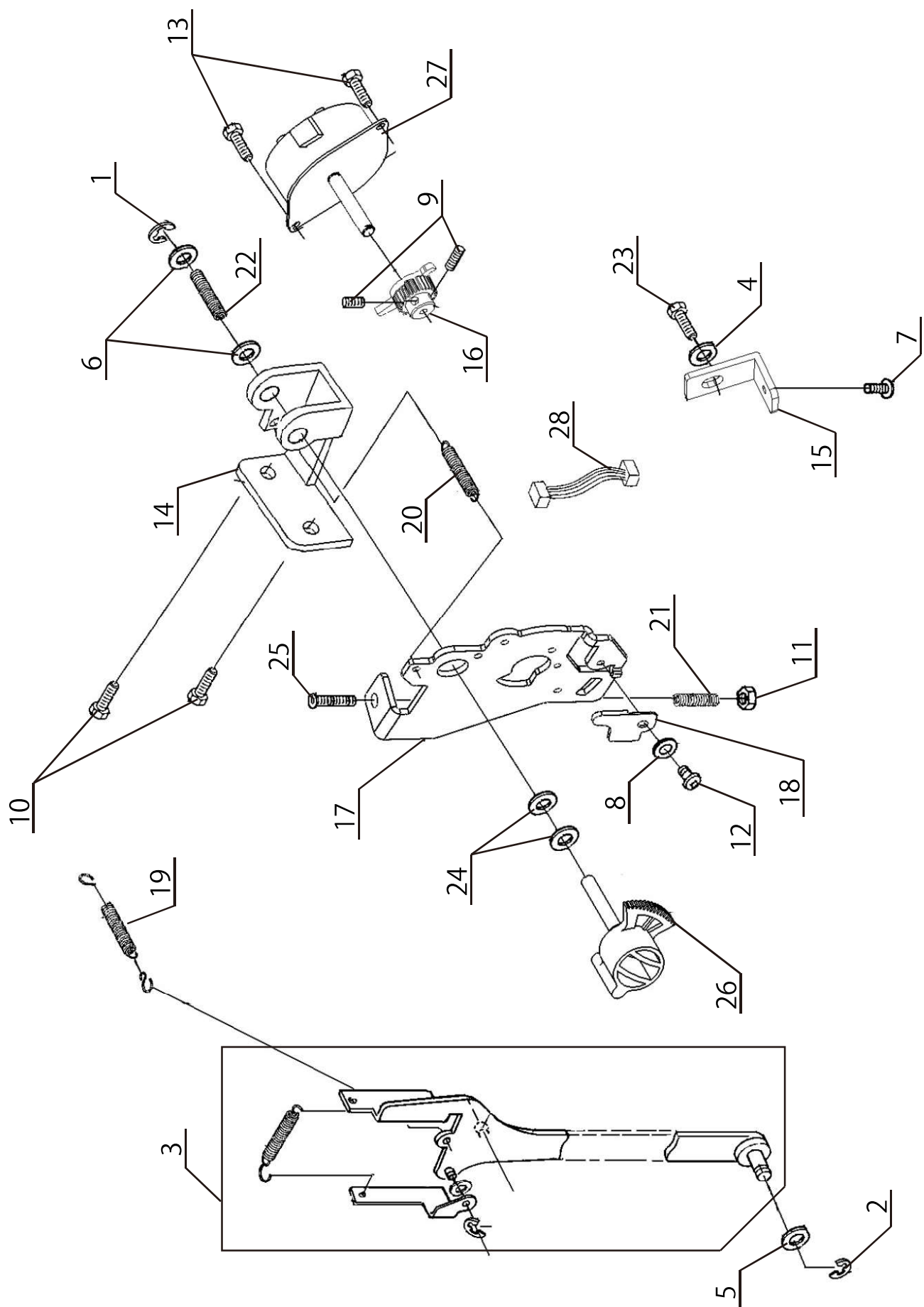
The machines with serial number lower than H14307G58310001~14307G58310100 :
If need #33, order #26 on page G instead.

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * ".
Replace kit for CPU / SWITCH CIRCUIT BOARD

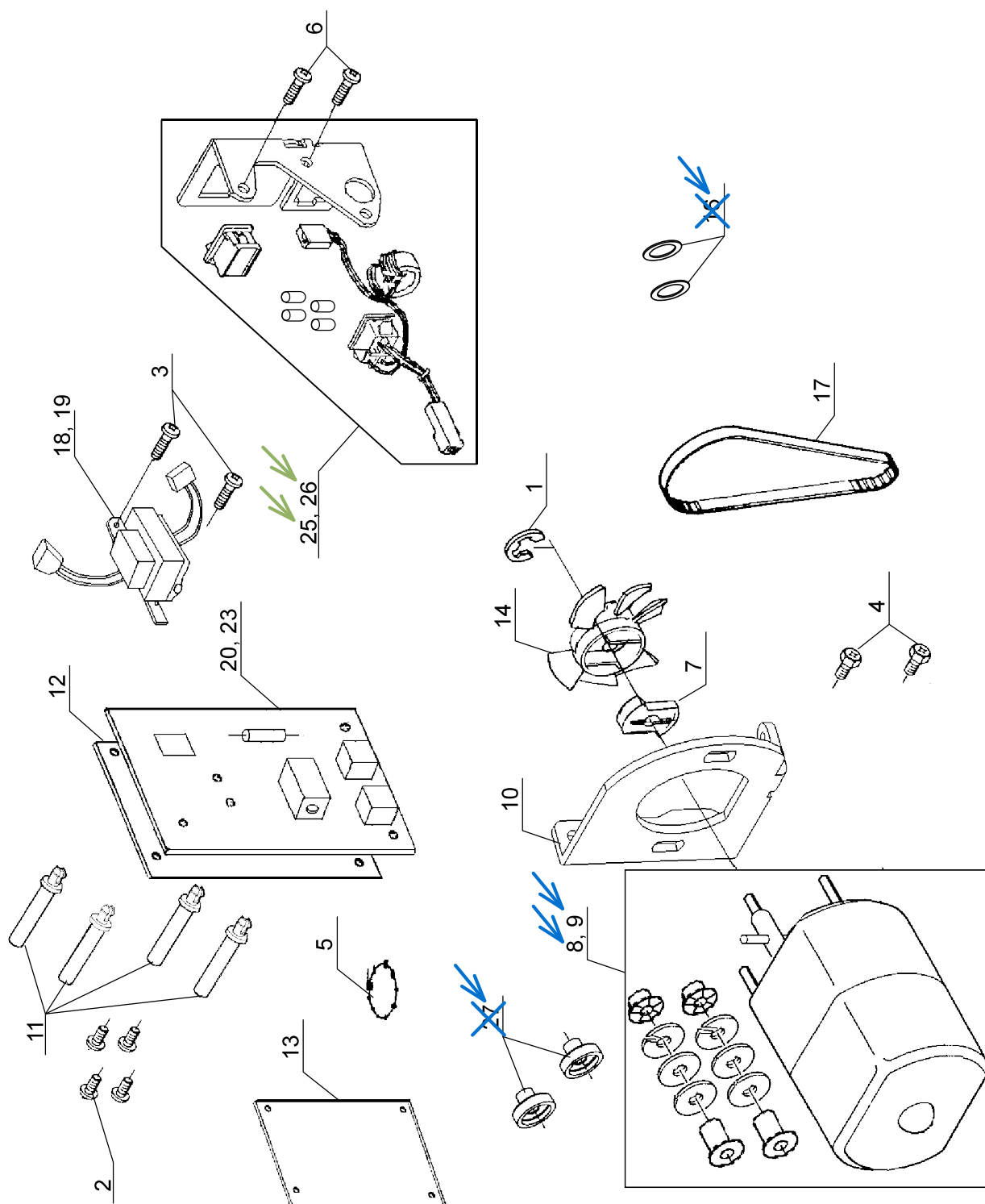


Pos	Part Number	Description
1	270 001513	E4 CLIP-ON-WASHER
2		WASHER
3	270 008400	E5 CLIP-ON-WASHER
4	270 031246	WASHER
5	270 032316	WASHER
6	270 059221	WASHER
7	270 061222	M4 PHILIPS SCREW
8	270 063796	M3 SCREW
9	270 063805	WASHER
10	270 064653	M3 SCREW
11	416821901	CP BOLT
12	270 073299	M4 TORQUE NUT
*13	270 077527	*SENSOR COVER*
14	270 080110	BOLT
15		FEED REGULATING ROD
16	416536201	BRACKET
*17	416536301	*STEPPING MOTOR BRACKET*
18	416536401	BRACKET
19	68014193	FEED REGULATOR
20		PLATE
21	416463001	PINION GEAR
22		EXTENSION SPRING
23	270 085066	EXTENSION SPRING
24	270 087188	SPRING
25	270 087189	COMPRESSION SPRING
26	270 087191	COMPRESSION SPRING
27	270 087262	M3 CP SCREW
28	270 087273	PIN
29	270 087274	WASHER
*30	416463101	*SWITCH HARNESS*
*31	270 087600	*STEPPING MOTOR*
32	270 087668	M4 BOLT
33	68014191	FEED REGULATOR ARM

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with ” * ” .
 Replace kit for CPU / SWITCH CIRCUIT BOARD

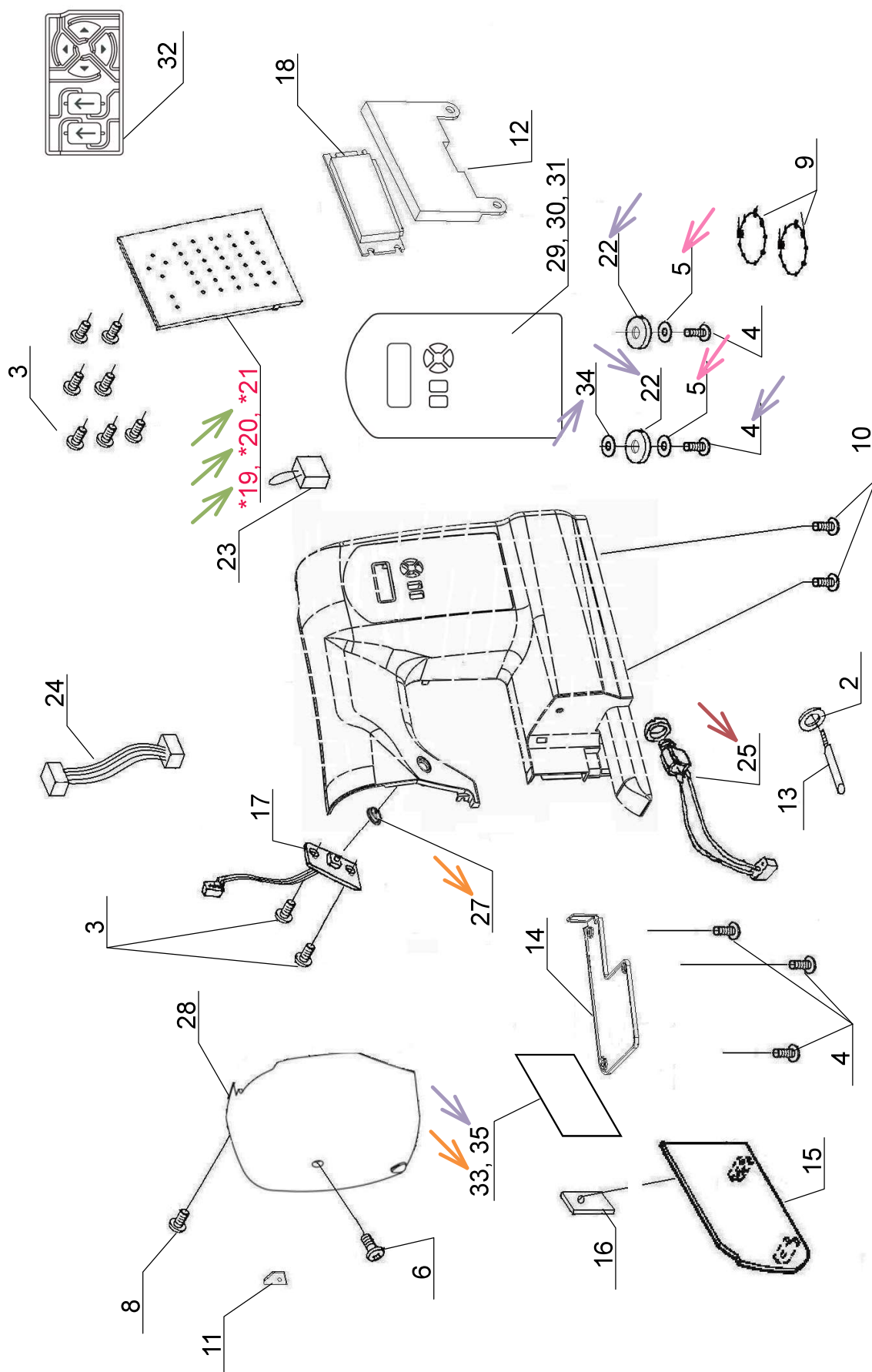


Pos	Part Number	Description
1	270 001513	E4 CLIP-ON-WASHER
2	270 008400	E5 CLIP-ON-WASHER
3	68014191	FEED REGULATOR ARM
4	270 031246	WASHER
5	270 032316	WASHER
6	270 059221	WASHER
7	270 061222	M4 PHILIPS SCREW
8	270 063805	WASHER
9	270 064653	M3 SCREW
10	416821901	CP BOLT
11	270 073299	M4 TORQUE NUT
12	270 076317	M3 SCREW
13	270 080110	BOLT
14	416536201	BRACKET
15	416536401	BRACKET
16	416463001	PINION GEAR
17	68015700	STEPPING MOTOR BRACKET
18	68014192	FEEDING MATERIAL PLATE
19	270 085066	EXTENSION SPRING
20	270 087188	SPRING
21	270 087189	COMPRESSION SPRING
22	270 087191	COMPRESSION SPRING
23	270 087262	M3 CP SCREW
24	270 087274	WASHER
25	270 087668	M4 BOLT
26	68014193	FEED REGULATOR
27	68014194	STEPPING MOTOR
28	68014195	SWITCH HARNESS



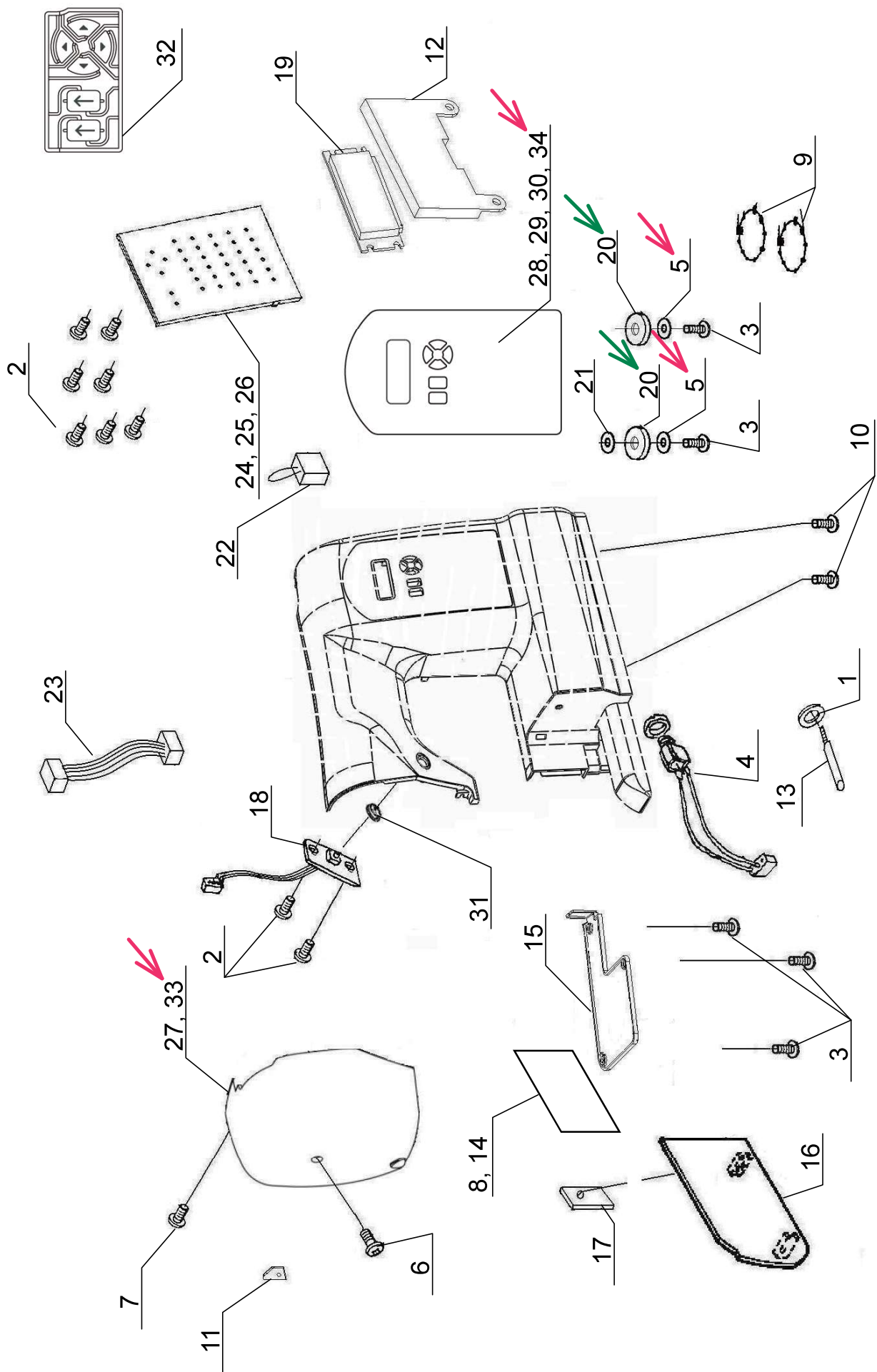
Pos	Part Number	Description
1	270 001520	E3 CLIP-ON-WASHER
2	270 039213	M3 SCREW
3	270 061222	M4 PHILIPS SCREW
4	416821901	CP BOLT
5	270 077041	UNITY FASTENER
6	270 077042	M4 PHILLIPS SCREW
7	270 077614	GEAR CLUTCH
8	416539901	MAIN MOTOR(120V)
9	416474101	MAIN MOTOR(230V)
10	416536601	MOTOR BRACKET
11	416536701	SPACER
12	416536801	INSULATING SHEET
13	416536901	INSULATING SHEET
14	270 087237	MOTOR FAN
15		SWITCH BRACKET
16		WASHER(230V)
17	270 087263	DRIVING BELT
18	270 087514	TRANSFORMER(120V)
19	270 087519	TRANSFORMER(230V)
20	270 087530	CIRCUIT BOARD(120V)
21		INLET HARNESS(120V)
22		SWITCH
23	270 087553	CIRCUIT BOARD(230V)
24		INLET HARNESS(230V)
25	68004708	POWER SWITCH CORD ASSY(120V)
26	68004711	POWER SWITCH CORD ASSY(230V)
27		BUSH

Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * ".
 Replace kit for CPU / SWITCH CIRCUIT BOARD

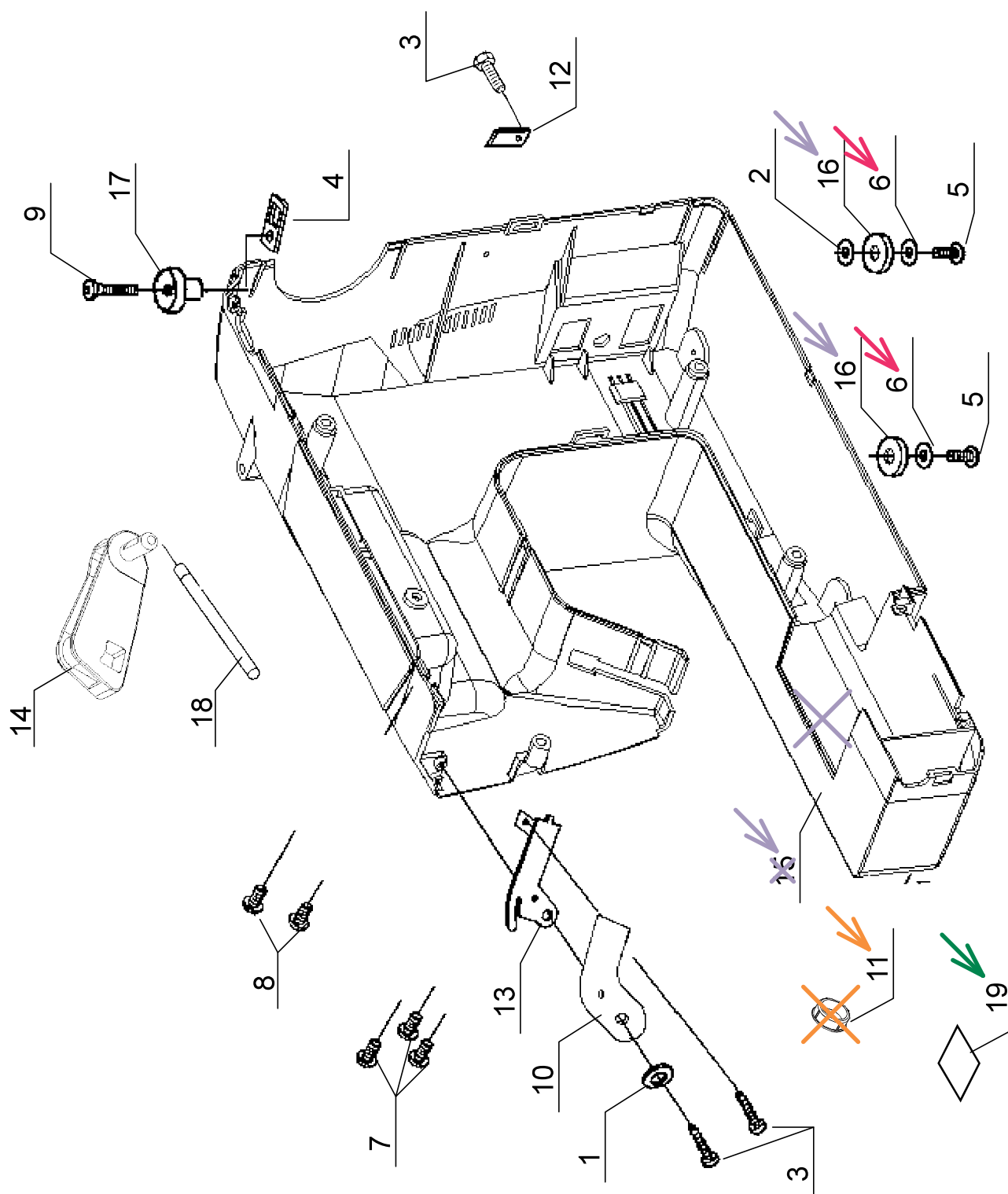


Pos	Part Number	Description
4		WASHER
2	270 004844	WASHER
3	270 039213	M3 SCREW
4	270 044261	M4 SCREW
5	270 053735	WASHER
6	270 061222	M4 PHILIPS SCREW
7		TAPPING SCREW
8	270 065736	M4 PHILIPS SCREW
9	270 077041	UNITY FASTENER
10	270 077042	M4 PHILLIPS SCREW
11	270 077396	BLADE
12	416463301	LCD BOX
13	416463601	THREAD GUIDE PIN
14	68003777	BOTTOM COVER
15	68003780	SHUTTLE RACE COVER
16	68003782	SPRING PLATE
17	416463801	SWITCH HARNESS
18	416463901	LCD
*19	68009100	*CPU / SWITCH CIRCUIT BOARD (6699 ONLY) V2*
*20	68014059	*CPU / SWITCH CIRCUIT BOARD (6680 ONLY) V2*
*21	68014060	*CPU / SWITCH CIRCUIT BOARD (6660 ONLY) V2*
22	416540101	RUBBER FOOT
23	68003789	JUMPER HARNESS
24	416537801	5P CORD HARNESS
25	68003790	PIN JACK HARNESS
26		RUBBER FOOT
27	68017533	REVERSE BUTTON
28	68003795	FACE COVER
29	68003796	PATTERN PANEL (6660 ONLY)
30	68003797	PATTERN PANEL (6680 ONLY)
31	68003798	PATTERN PANEL (6699 ONLY)
32	68003799	BUTTON
33	416537001	STICKER (Eng)
34	270 086379	WASHER
35	416540201	STICKER (Por)

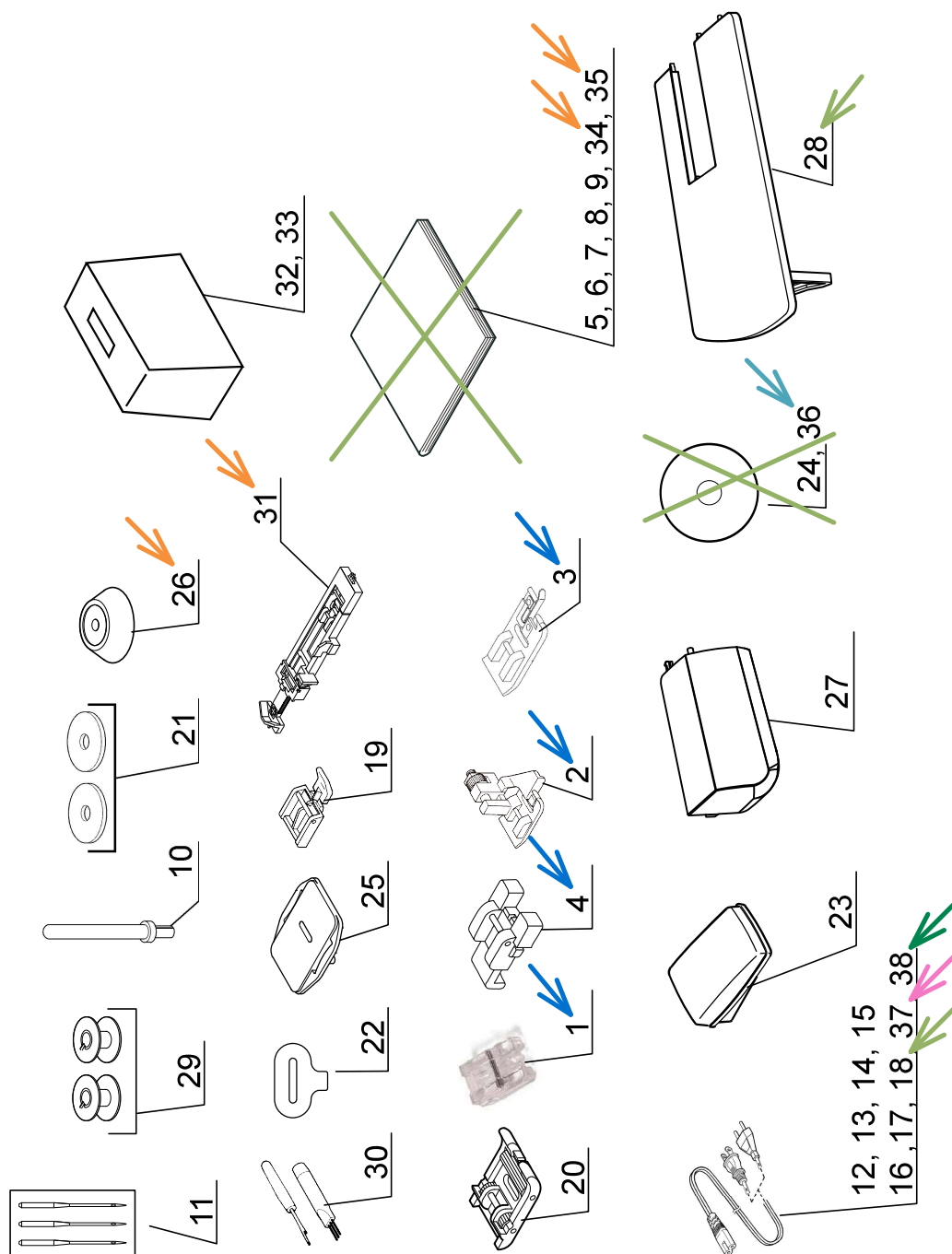
Substitute 68020617(6699) or 68020611(6680) or 68020616(6660) for part with " * ".
 Replace kit for CPU / SWITCH CIRCUIT BOARD



Pos	Part Number	Description
1	270 004844	WASHER
2	270 039213	M3 SCREW
3	270 044261	M4 SCREW
4	68003790	PIN JACK HARNESS
5	68020220	WASHER
6	270 061222	M4 PHILIPS SCREW
7	270 065736	M4 PHILIPS SCREW
8	416537001	STICKER (Eng)
9	270 077041	UNITY FASTENER
10	270 077042	M4 PHILLIPS SCREW
11	270 077396	BLADE
12	416463301	LCD BOX
13	416463601	THREAD GUIDE PIN
14	416540201	STICKER (Por)
15	68003777	BOTTOM COVER
16	68003780	SHUTTLE RACE COVER
17	68003782	SPRING PLATE
18	416463801	SWITCH HARNESS
19	416463901	LCD
20	416540101	RUBBER FOOT
21	270 086379	WASHER
22	68003789	JUMPER HARNESS
23	416537801	5P CORD HARNESS
24	68016071	CPU / SWITCH CIRCUIT BOARD (6699 ONLY) VER 3
25	68016072	CPU / SWITCH CIRCUIT BOARD (6680 ONLY) VER 3
26	68016073	CPU / SWITCH CIRCUIT BOARD (6660 ONLY) VER 3
27	68003795	FACE COVER
28	68003796	PATTERN PANEL (6660 ONLY)
29	68003797	PATTERN PANEL (6680 ONLY)
30	68003798	PATTERN PANEL (6699 ONLY)
31	68017533	REVERSE BUTTON
32	68003799	BUTTON
33	68020221	FACE COVER (MT-1981 ONLY)
34	68020222	PATTERN PANEL (MT-1981 ONLY)



Pos	Part Number	Description
1	270 004844	WASHER
2	270 032316	WASHER
3	270 039213	M3 SCREW
4	270 039816	M4 SQUARE NUT
5	270 044261	M4 SCREW
6	68020220	WASHER
7	270 061224	M4 PHILIPS SCREW
8	270 064484	TAPPING SCREW
9	270 077035	M4 PHILIPS SCREW
10	270 077528	SPRING PLATE
44		CAP
12	416538101	SPRING PLATE
13	416464401	TENSION PLATE
14	68003781	SPOOL PIN BASE
45		BACK COVER
16	416540101	RUBBER FOOT
17	68003791	BOBBIN WINDER CAM
18	416492601	SPOOL PIN
19	68019985	STICKER



Pos	Part Number	Description
10	68004083	SPOOL PIN
11	620098796	NEEDLE SET
12	416464901	POWER CORD (120V)
13		POWER CORD (230V)
14		POWER CORD (Australia)
15		POWER CORD (Korea)
16		POWER CORD (China)
17		POWER CORD (Brazil)
18		POWER CORD (3Pin)
19	416437001	ZIPPER FOOT
20	270 076292	ROLLER FOOT (6680,6699 ONLY)
21	68004084	SPOOL PIN DISC
22	68004086	LARGE SCREW DRIVER
23	416436101	FOOT CONTROL
24		DVD
25	416465401	DARNING PLATE
26	416465501	SPOOL PIN CAP
27	68003779	ACC.BOX
28	68003784	EXTENSION TABLE
29	270 085128	BOBBIN
30	416436401	BUTTONHOLE OPENER / BRUSH
31	416465601	BUTTONHOLE FOOT
32	416538801	DUST COVER (6660, 6680 ONLY)
33	416538901	HARD COVER (6699 ONLY)
34		INSTURCTION BOOK (Mexico)
35		INSTURCTION BOOK (Ita/Dut/Ger)
36		DVD
37		POWER CORD (Argentina)
38		POWER CORD (India)