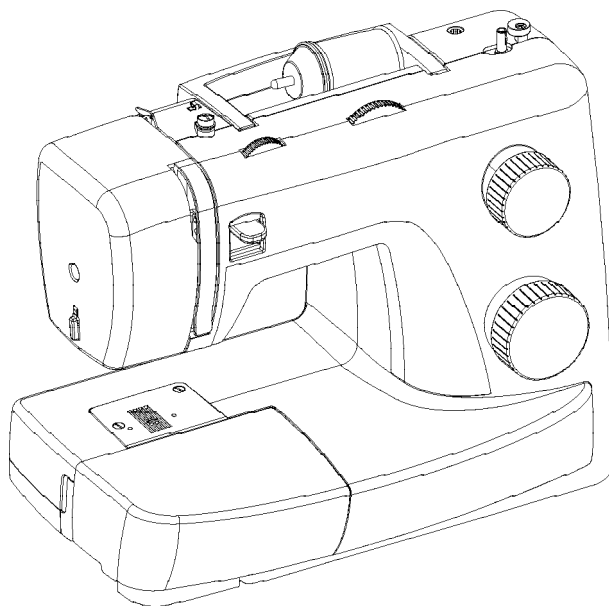


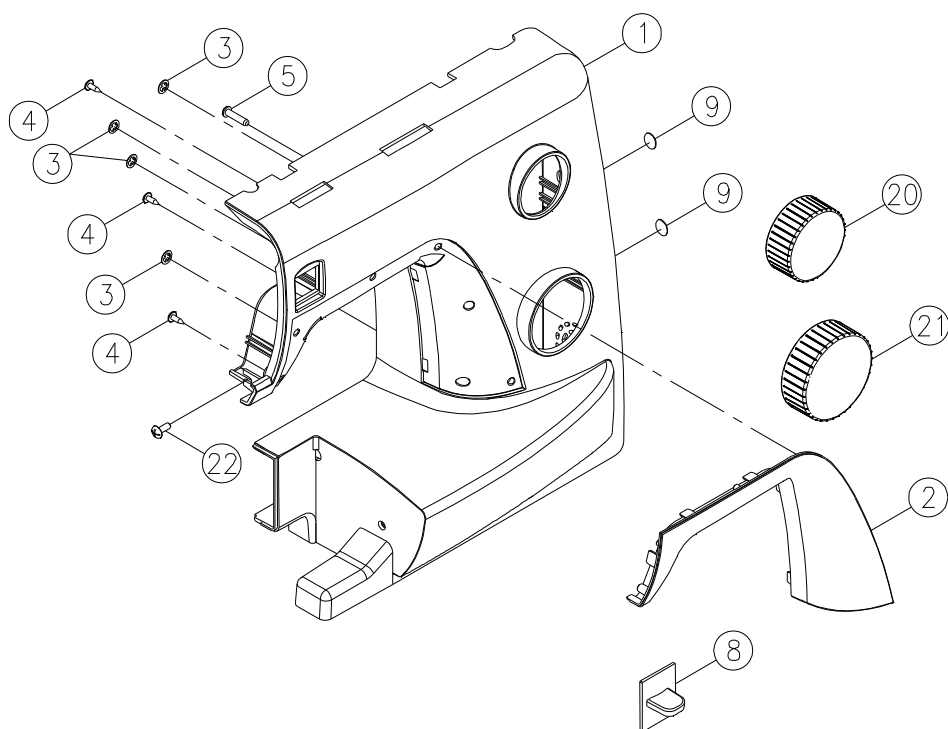
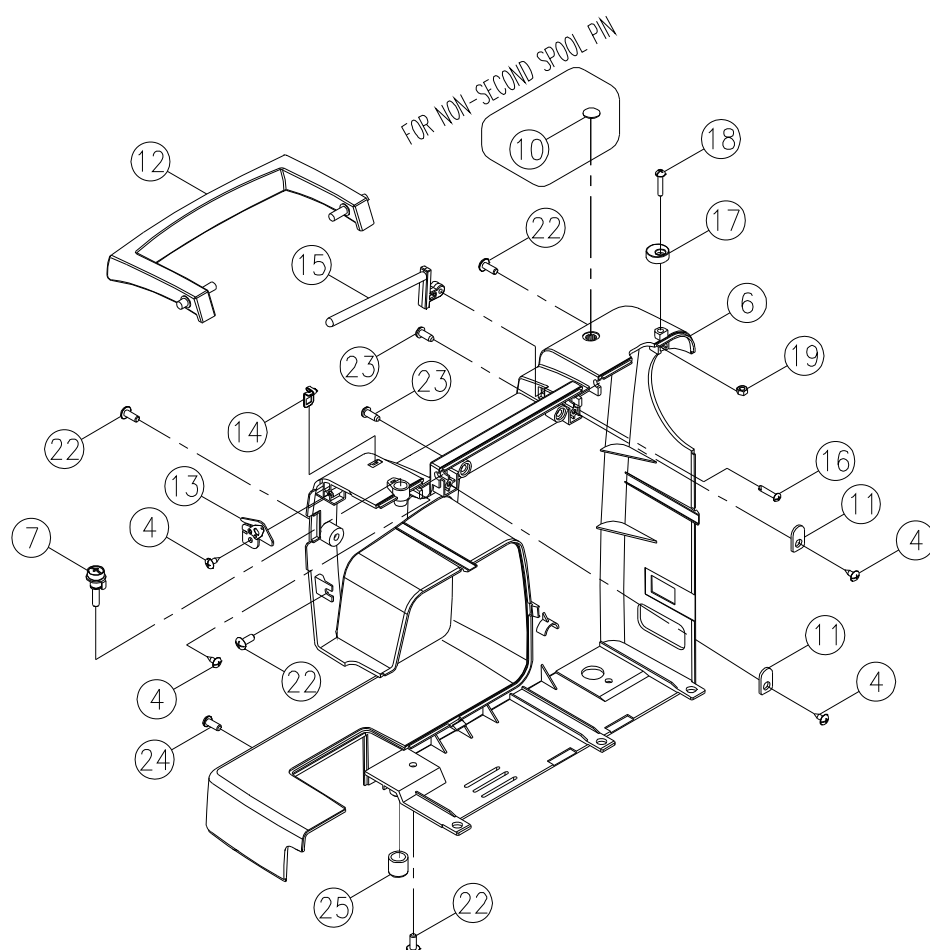


3221
3232



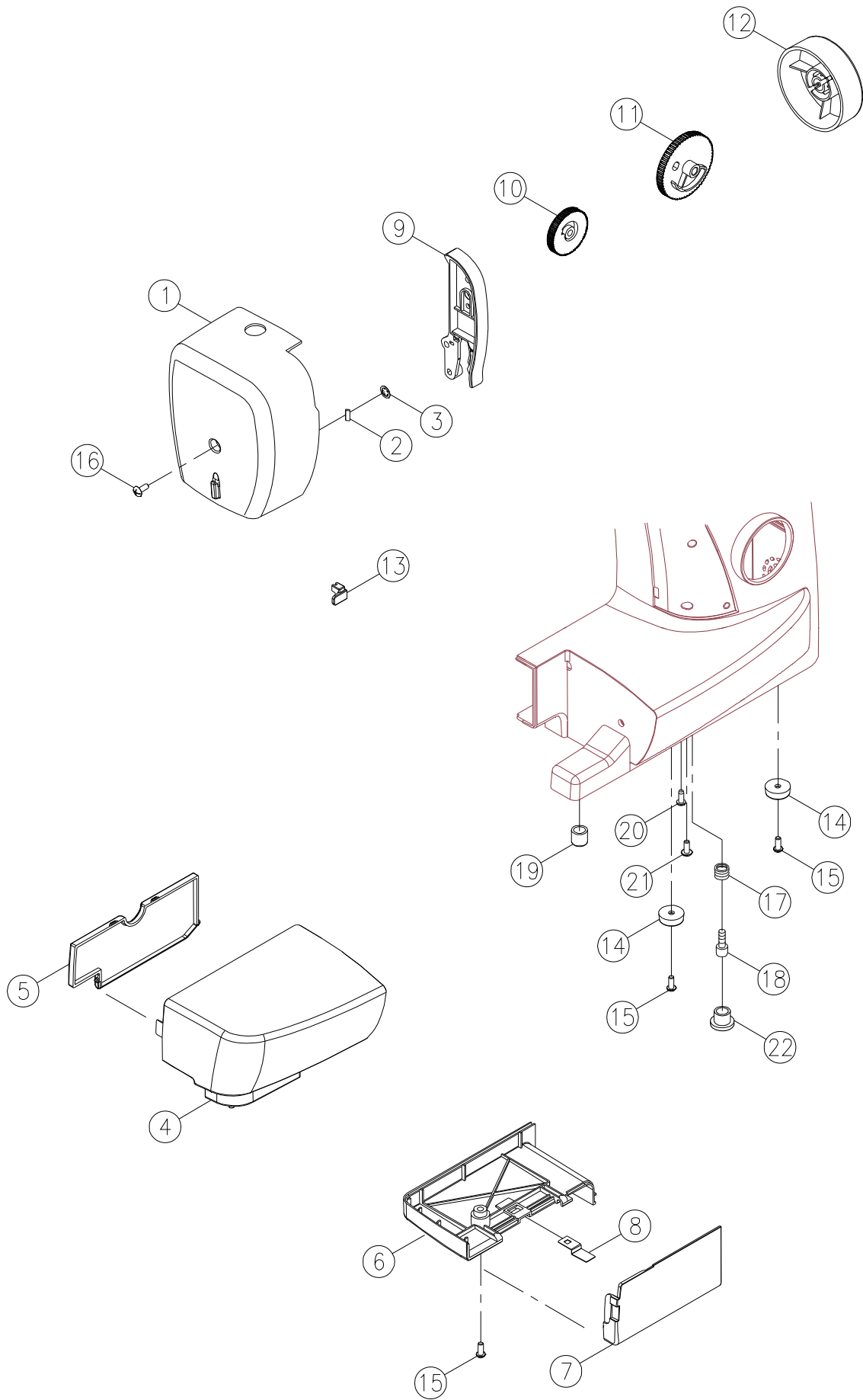
Liste de pièces Lista de Piezas Parts List

A



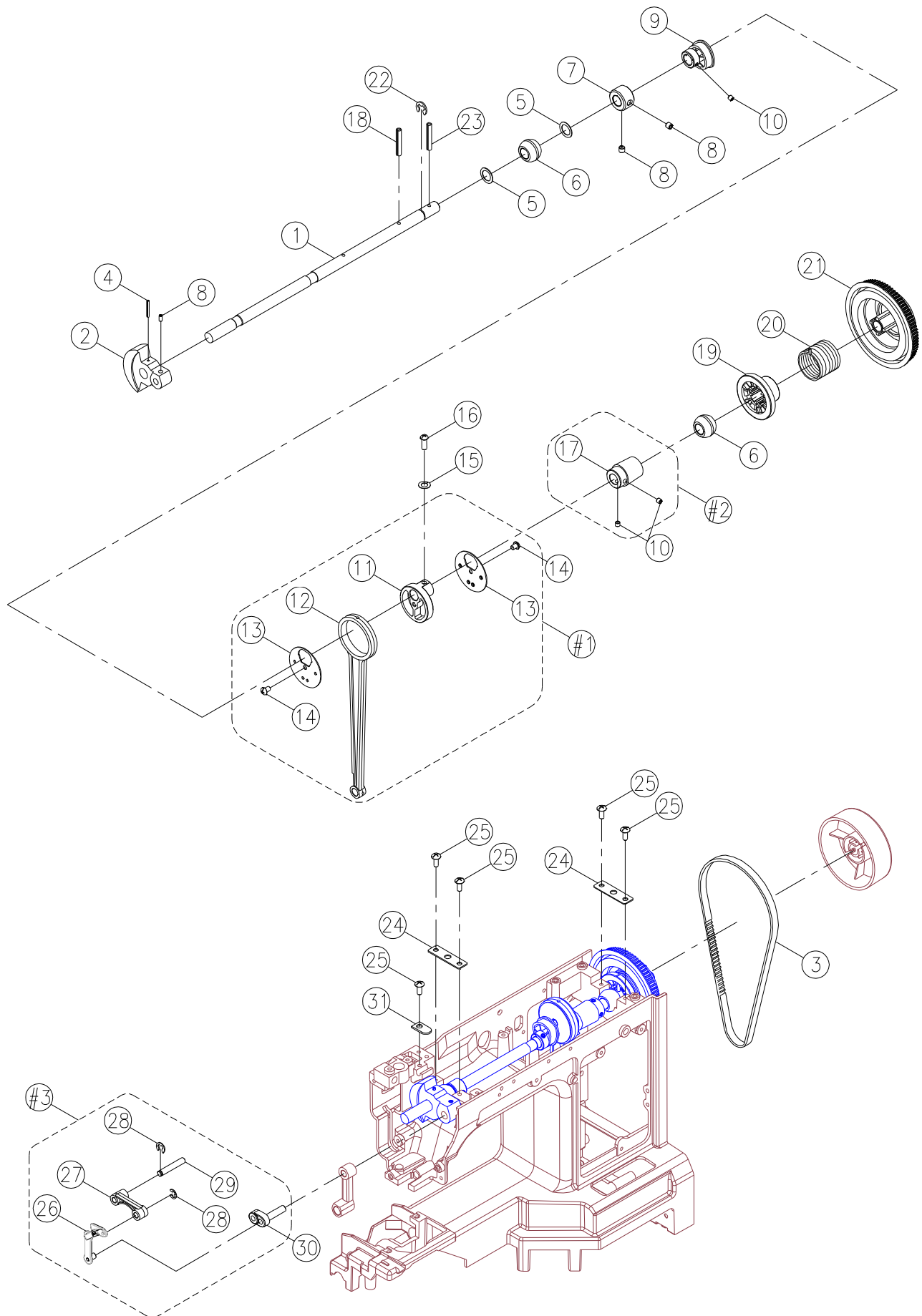
Pos	Part No.	Description
1	416495801	FRONT COVER FOR 3221
1	416496001	FRONT COVER FOR 3232
2	416495901	FRONT DECORATED PLATE FOR 3221
2	416496101	FRONT DECORATED PLATE FOR 3232
3	416225801	CS-RING (CSTW-4)
4	270 004230216	SET SCREW (M3×8.5)
5	270 004240186	SET SCREW (M4×15 B)
6	416496201	BACK COVER
7	416804901	BOBBIN WINDER THREAD GUIDE CPL.
8	416495201	REVERSE BUTTON
9	270 V61503210	PLATE STICKER
10	270 V410123210	PLATE STICKER
11	416522601	SET WASHER
12	416496301	HANDLE
13	416641101	THREAD GUIDE COMPLETE
14	416145501	THREAD GUIDE
15	68004413	SPOOL PIN BASE
16	270 004230646	SET SCREW (M3×16.7 B)
17	416554101	BOBBIN WINDER
18	416174001	SET SCREW (9/64×40×16)
19	416126301	NUT (9/64×40 t=3)
20	416497001	STITCH LENGTH DIAL FOR 3221
20	416497101	STITCH LENGTH DIAL FOR 3232
21	416497201	PATTERN DIAL FOR 3221
21	416497301	PATTERN DIAL FOR 3232
22	416121501	SET SCREW (M4x8 A)
23	416122201	SET SCREW (M4x10 B)
24	416121601	SET SCREW (M4×12 B)
25	68003263	FREE ARM BASE CUSHION

B



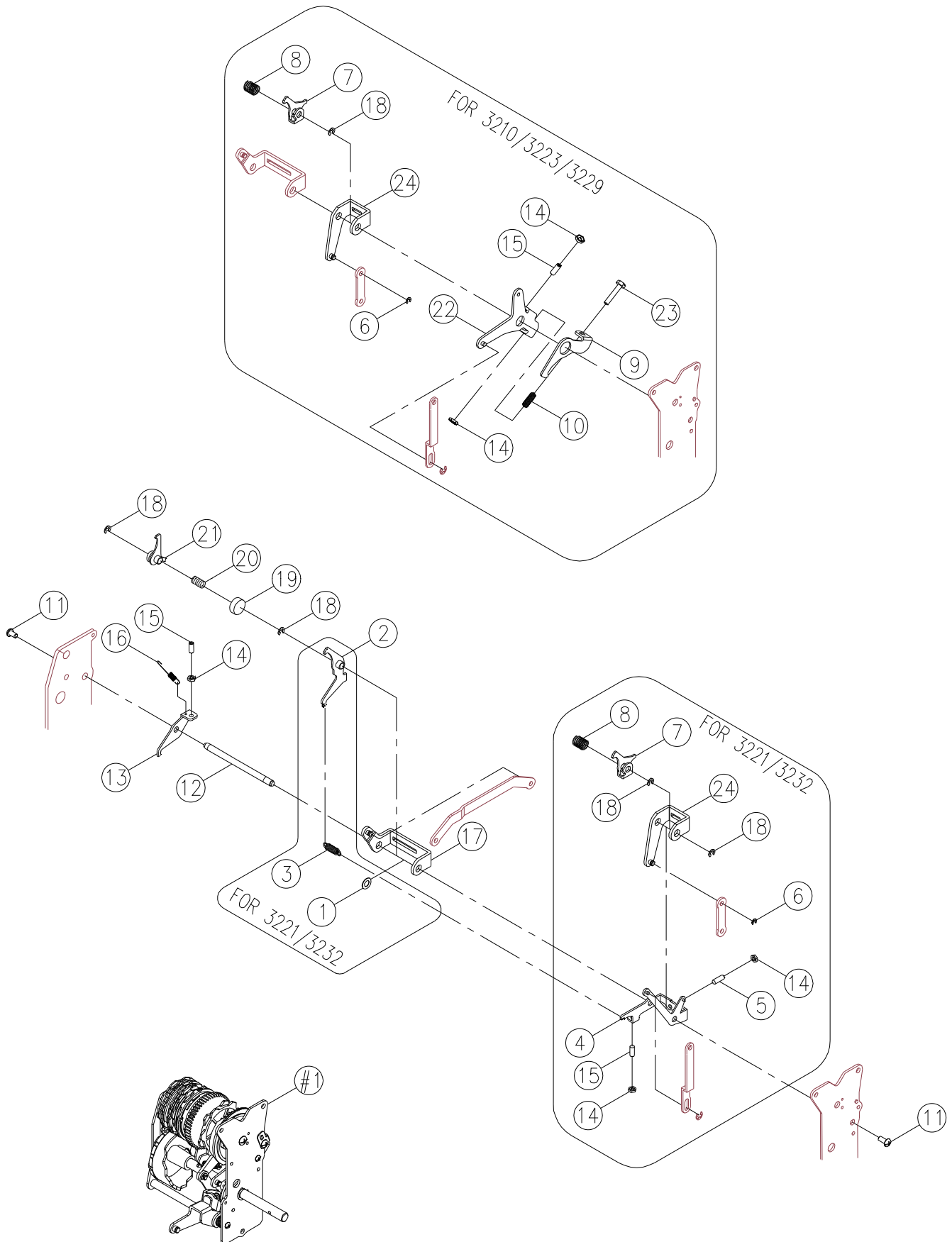
Pos	Part No.	Description
1	416496701	FACE COVER
2	412423701	CUTTER
3	416116701	CS-RING (CSTW-5)
4	416809501	SEWING TABLE BODY
5	416809501	SEWING TABLE BODY COVER
6	416496501	BED COVER
7	416496601	HOOK COVER
8	416157201	HOOK COVER SPRING
9	416495601	TENSION SUPPORTER COVER
10	416498301	THREAD TENSION DIAL
11	416495701	ZIGZAG DIAL FOR 3232
12	416495001	HAND WHEEL
13	416495401	BH LEVER BUTTON FOR 3221/3232
14	416642201	FREE ARM BASE CUSHION RUBBER
15	68013206	SET SCREW (M4x10 B)
16	416185401	SET SCREW (M4x10 A)
17	416154401	BASE PLATE ADJUSTMENT SCREW SPRING
18	416154601	BASE PLATE ADJUSTMENT SCREW
19	68003263	FREE ARM BASE CUSHION
21	416121501	SET SCREW (M4x8 A)
22	416526001	FREE ARM BASE CUSHION

C

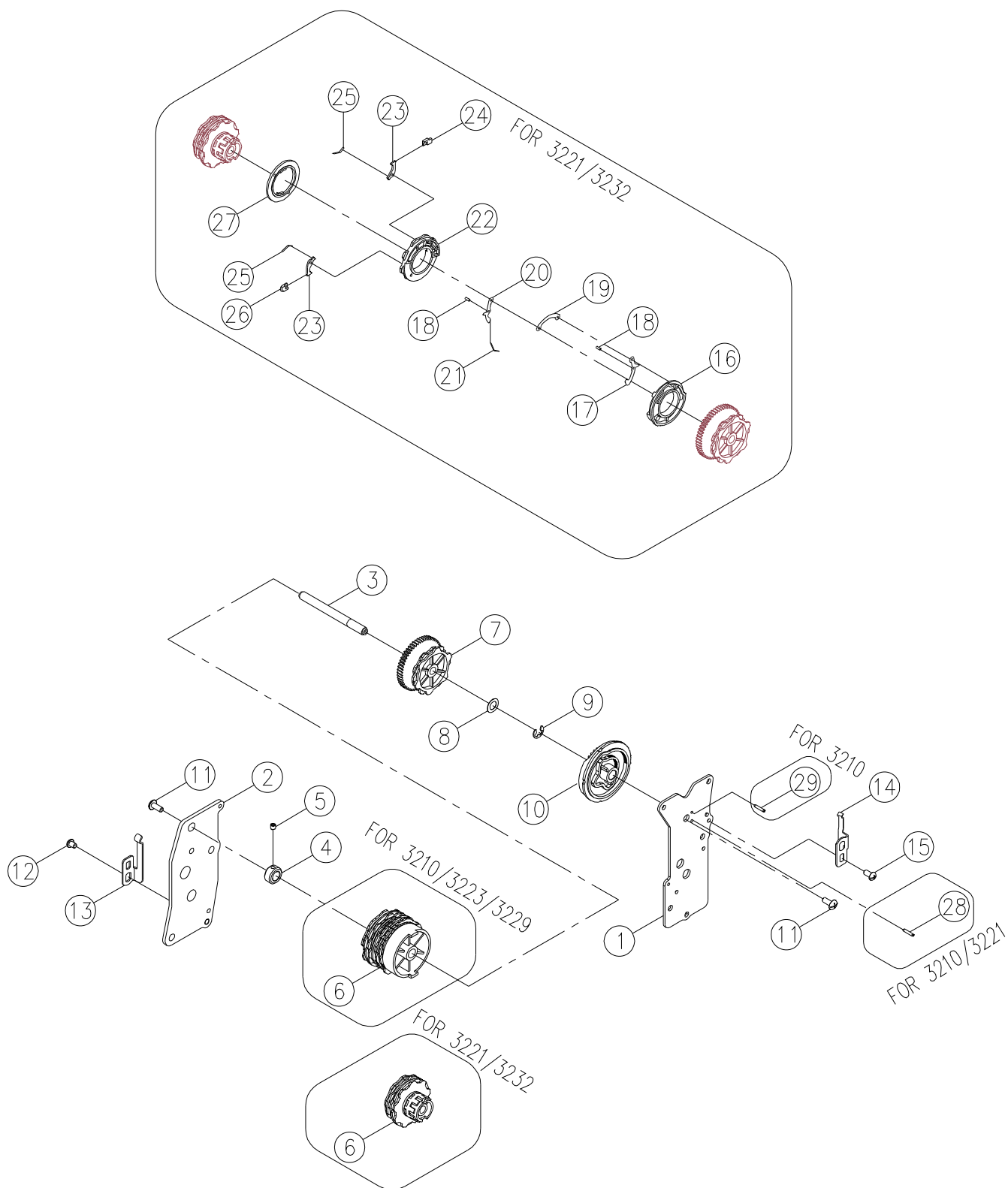


Pos	Part No.	Description
#1	416604601	CRANK CONNECTING ROD CPL.
#2	416604701	ARM SHAFT WORM CPL.
#3	68016470	THREAD TAKE UP LEVER CPL.
1	416604501	ARM SHAFT
2	270 V61473000	ARM SHAFT BALANCE
3	270 007158XXL5	BELT
4	416117701	ARM SHAFT BALANCE PIN (3.5x24)
5	416125101	ENDURE ATTRITION WASHER (10.2x15x0.5)
6	416156301	ARM SHAFT BUSING
7	416156501	ARM SHAFT COLLAR
8	270 004250203	SET SCREW (M5x5 C)
9	270 G4A0533000	FEED CAM
10	416122401	SET SCREW (M4x4 C)
11	416604601	CRANK CONNECTING ROD CAM
12	416604601	CRANK CONNECTING ROD
13	416604601	CRANK CONNECTING ROD COVER
14	416604601	SET SCREW (M4x4 B)
15	270 004600026	WASHER (4.2x7.2x1.2)
16	270 004107063	SET SCREW (11/64x40x12)
17	68013256	ARM SHAFT WORM CPL.
18	270 003043028	SPRING PIN (3x28)
19	416307201	CLUTCH SLEEVE
20	270 D5A0573003	ARM SHAFT CLUTCH ANNULUS SPRING
21	68003212	ARM SHAFT DRIVER BELT PULLEY
22	416542901	E-RING (ETW-8)
23	416680701	PIN (3x30)
24	416161701	ARM SHAFT BUSHING HOLDER PLATE
25	416121501	SET SCREW (M4x8 A)
26	68016469	THREAD TAKE UP LEVER CPL.(S)
27	68016470	THREAD TAKE UP LEVER SUPPORTER
28	416116101	E-RING (ETW-4)
29	416162201	THREAD TAKE UP LEVER SUPPORTER SHAFT
30	416158001	THREAD TAKE-UP BALANCE PIN CPL.
31	416522601	CARRYING HANDLE PLATE

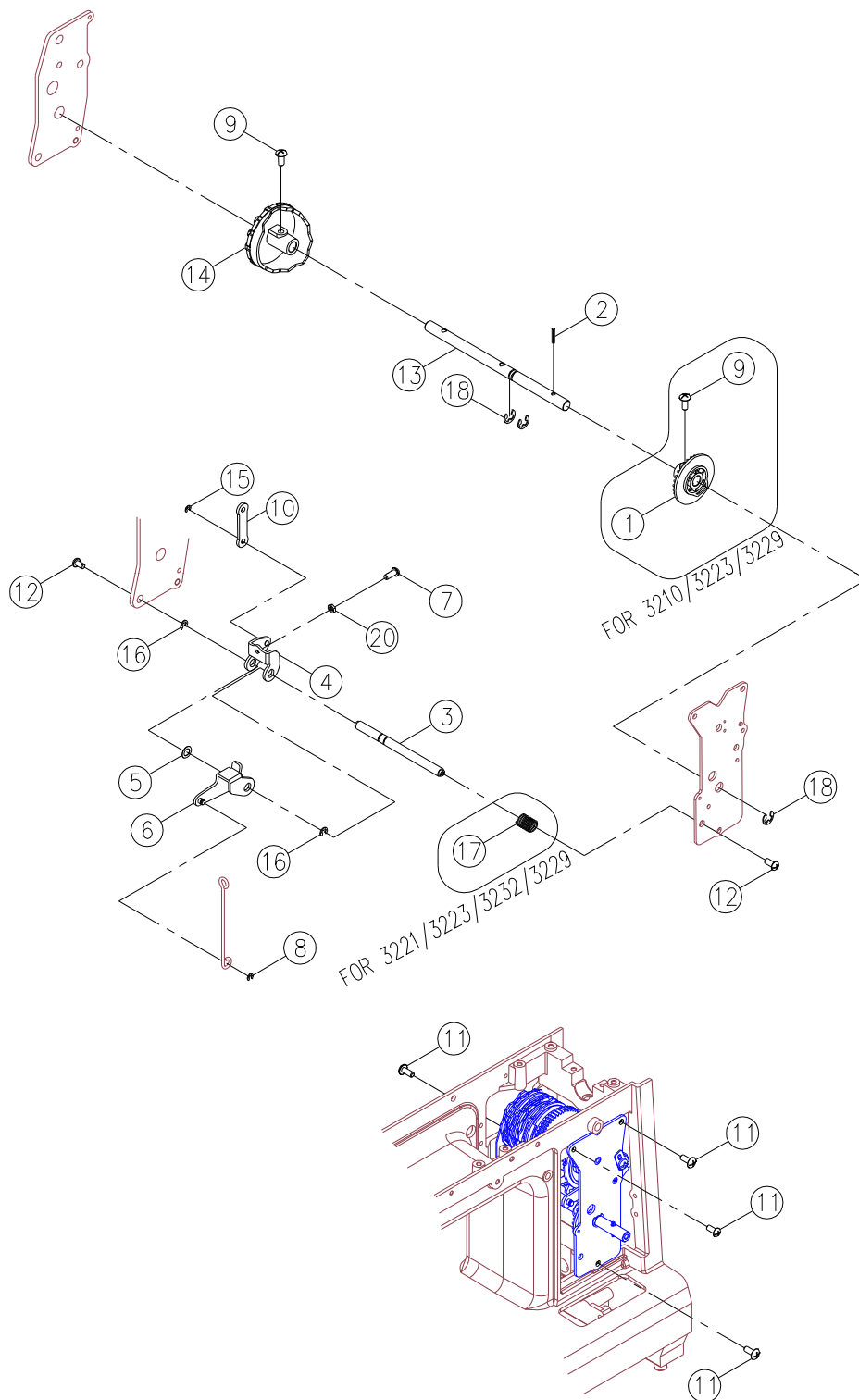
D



Pos	Part No.	Description
#1	68017447	PATTERN CAM CONTACT CPL. FOR 3221
#1	68017448	PATTERN CAM CONTACT CPL. FOR 3232
1	416604901	WASHER (6.7x12 t=0.5) FOR 3221/3232
2	416545201	BH FEED CRANK FOR 3221/3232
3	416187301	BH FEED CRANK SPRING FOR 3221/3232
4	416545601	BH ADJUSTING CRANK FOR 3221/3232
5	416122701	SET SCREW (M4x0.7 L12) FOR 3221/3232
6	416116001	E-RING (ETW-3)
7	416597501	SS CAM CONTACT FOR 3221/3232
8	416166401	SS CAM CONTACT SPRING
9		
10		
11	416119201	SET SCREW (M3x6 A)
12	416598001	ZIGZAG CAM CONTACT SUPPORTER SHAFT
13	416544901	ZIGZAG RELEASE PLATE
14	68015308	NUT (ALN-4)
15	416185501	SET SCREW (M4x0.7 L9)
16	416545001	ZIGZAG RELEASE PLATE SPRING
17	416604801	ZIGZAG CAM CONTACT SUPPORTER
18	416183801	E-RING (ETW-5)
19	416545301	SPRING PEDESTAL
20	416517801	ZIGZAG CAM CONTACT SPRING
21	416545501	ZIGZAG CAM CONTACT
22		
23		
24	416605001	SS CAM CONTACT SUPPORTER

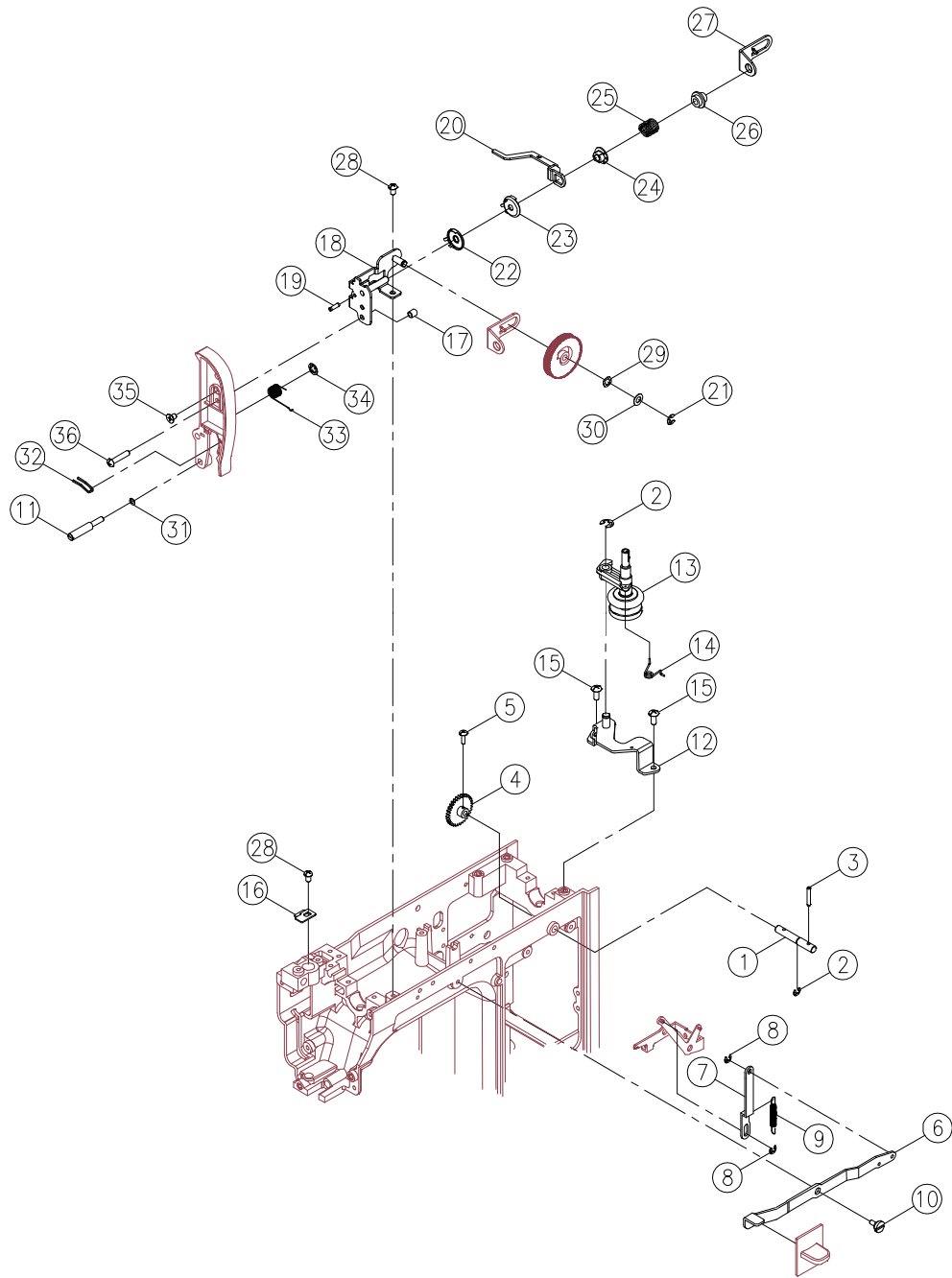


Pos	Part No.	Description
1	416596801	PATTERN CAM CONTACT PLATE (FRONT)
2	416543701	PATTERN CAM CONTACT PLATE (BACK)
3	416543801	PATTERN CAM SHAFT
4	416151801	PATTERN CAM SHAFT COLLAR
5	416122401	SET SCREW (M4x4 C)
6	68003183	PATTERN CAM FOR 3221/3232
7	416427901	SS CAM
8	416228101	WASHER (8.2x16x1.0)
9	416116401	E-RING(ETW-6)
10	68003182	FEED REGULATOR CAM
11	416121501	SET SCREW (M4x8 A)
12	416226601	SET SCREW (M4x5 B)
13	416195301	PATTERN FIX SPRING PLATE
14	416546501	FEED REGULATOR FIX PLATE
15	416524501	SET SCREW (M4x4 B)
16	416543901	BH FEED REGULATOR CAM FOR 3221/3232
17	416544001	BH CLUTCH CONTACT A FOR 3221/3232
18	416229201	BH CLUTCH SHAFT FOR 3221/3232
19	416544101	BH CLUTCH LEVER FOR 3221/3232
20	416544201	BH CLUTCH CONTACT B FOR 3221/3232
21	416229601	BH CLUTCH SPRING PLATE FOR 3221/3232
22	416544301	BH CAM FOR 3221/3232
23	416544401	BH CONTACT FOR 3221/3232
24	416544501	BH SLIDE BLOCK R FOR 3221/3232
25	416544601	BH CONTACT SPRING PLATE FOR 3221/3232
26	416544701	BH SLIDE BLOCK L FOR 3221/3232
27	416544801	STRAIGHT STITCH CAM FOR 3221/3232
28	416547101	SPRING PIN (2.5x10) FOR 3221
29		



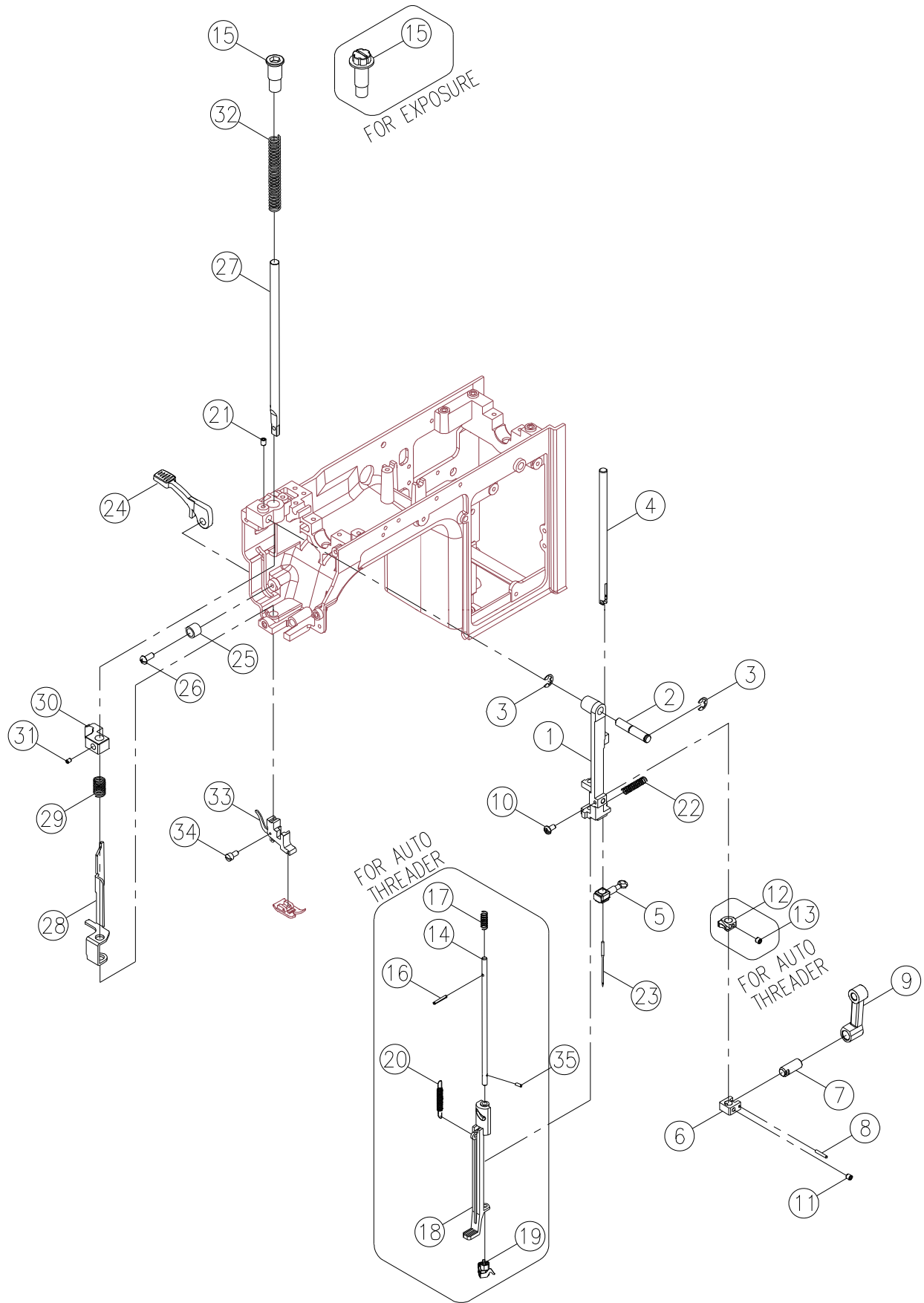
Pos	Part No.	Description
1		
2	416183901	SPRING PIN (2.5x16)
3	416605401	FEED CRANK SHAFT
4	416605501	FEED ADJUSTING CRANK
5	270 004300113	WASHER (6.7x14x0.8)
6	416605601	CRANK SHAFT
7	416121101	SET SCREW (M4x10 B)
8	416116201	E-RING (ETW-4)
9	416185201	SET SCREW (M4x10)
10	416605101	FEED ROCK SHAFT
11	416121501	SET SCREW (M4x8 A)
12	416119201	SET SCREW (M3x6 A)
13	416605201	PATTERN SELECTOR CAM SHAFT FOR 3221/3232
14	416605301	PATTERN SELECTOR CAM FOR 3221
14	416727701	PATTERN SELECTOR CAM FOR 3232
15	416116001	E-RING (ETW-3)
16	416183801	E-RING (ETW-5)
17	416166401	SS CAM CONTACT SPRING FOR 3221/3232
18	416116401	E-RING (ETW-6)
19	416185401	SET SCREW (M4x10 A) FOR 3232
20	416126801	NUT (ALN-4)

G

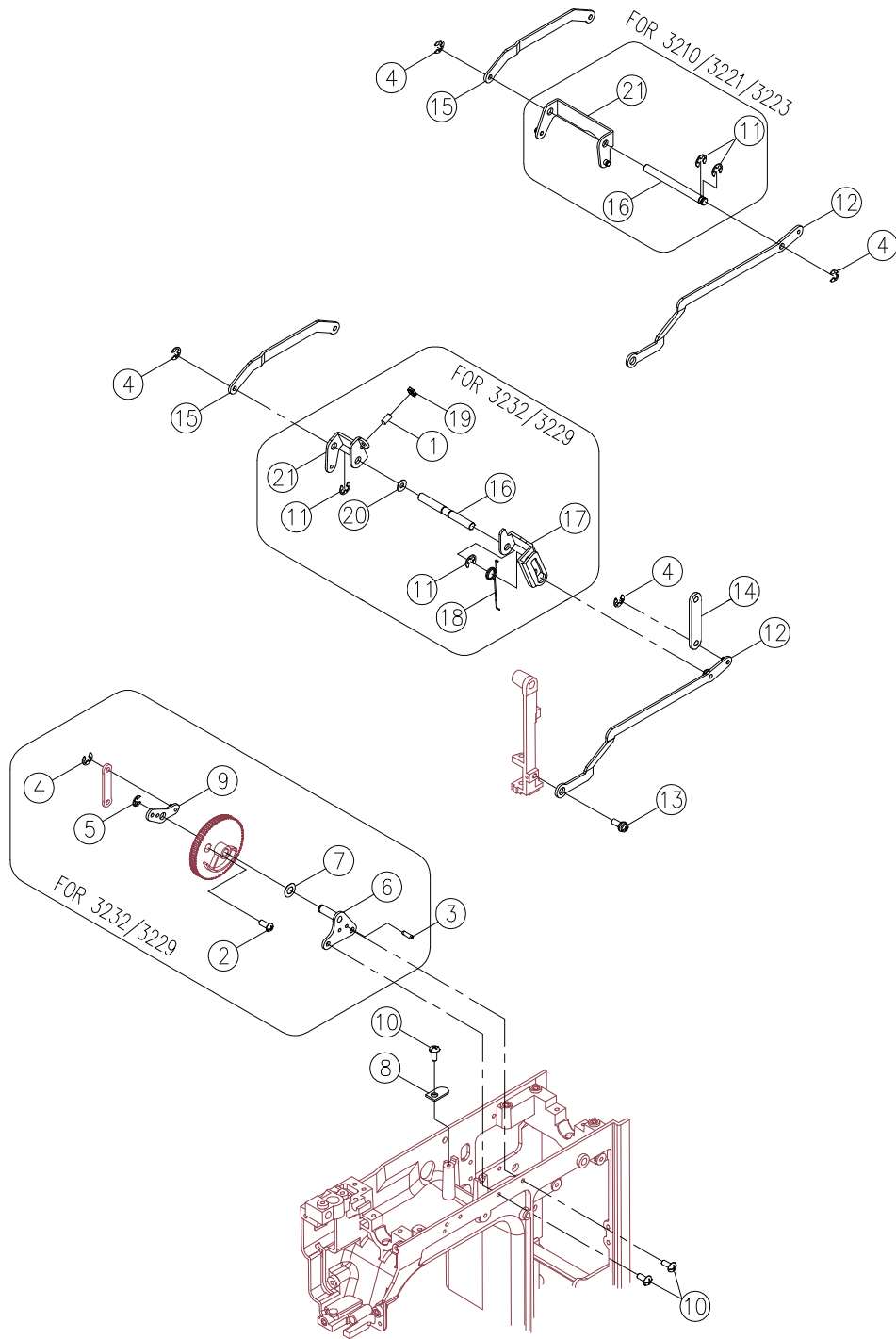


Pos	Part No.	Description
1	416605701	FEED REGULATOR DIAL SHAFT
2	416116301	E-RING (ETW-5)
3	416183901	SPRING PIN (2.5x16)
4	416195501	FEED REGULATOR GEAR
5	416518401	SET SCREW (M3x8 A)
6	416495101	REVERSE LEVER
7	416551401	REVERSE ROD
8	416116001	E-RING (ETW-3)
9	416155001	AUTO THREADED LEVER SPRING
10	416716301	SET SCREW (M4x6)
11	270 004241412	SET SCREW (M4x0.7 L42)
12	416640201	BOBBIN WINDER FRAME PLATE CPL.
13	416700601	BOBBIN WINDER CRANK COMPLETE
14	270 K6A0573003	BOBBIN WINDER CRANK SPRING
15	416121501	SET SCREW (M4x8 A)
16	416527201	TENSION LEVER REGULATING PLATE
17	416151701	DIAL TENSION GUIDE SPRING TUBE
18	416772001	DIAL TENSION SUPPORTER PLATE
19	416117501	SPRING PIN (3x10)
20	416735101	DIAL TENSION WAFT PLATE
21	416116101	E-RING (ETW-4)
22	416153601	DIAL TENSION DISC (1)
23	416146301	DIAL TENSION DISC
24	416526801	DIAL TENSION SPRING REGULATOR
25	416772201	DIAL TENSION SPRING
26	416153801	DIAL TENSION REGULATOR
27	416162501	DIAL TENSION SPRING PLATE
28	416121201	SET SCREW (M4x6 B)
29	416126001	WASHER (WW-5)
30	416124501	WASHER (5.2x10x0.5)
31	416124101	WASHER (4.2x8x0.8)
32	416198701	THREAD GUIDE
33	416162601	DIAL TENSION SPRING
34	416116701	CS-RING (CSTW-5)
35	416121901	SET SCREW (M4x6 D)
36	416121701	SET SCREW (M4x15 B)

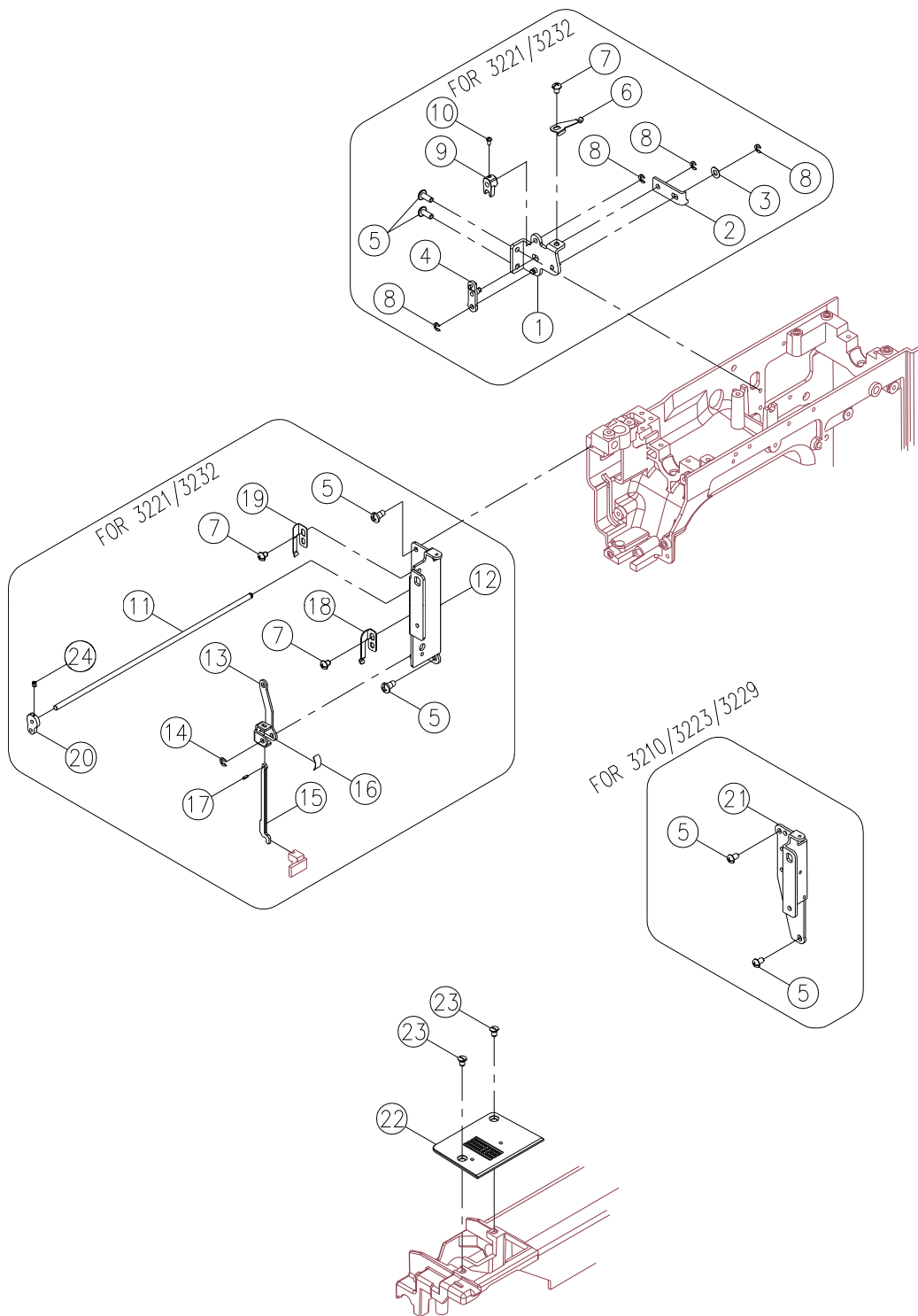
H



Pos	Part No.	Description
1	270 V61753002	NEEDLE BAR SUPPORTER FOR AUTO THREADER
1	270 V61973002	NEEDLE BAR SUPPORTER FOR NON-AUTO THREADER
2	416245101	NEEDLE BAR SUPPORTER PIN FOR AUTO THREADER
2	270 N80223003	NEEDLE BAR SUPPORTER PIN FOR NON-AUTO THREADER
3	416116301	E-RING (ETW-5)
4	416173601	NEEDLE BAR
5	416245301	NEEDLE CLAMP CPL.
6	416638901	NEEDLE BAR BRACKET (1)
7	416638901	NEEDLE BAR BRACKET (2)
8	416572001	PIN (2x12)
9	416639101	NEEDLE BAR CRANK ROD
10	270 004106202	SET SCREW (9/64x40x7)
11	416122401	SET SCREW (M4x4 C)
12	68013217	AUTO THREADER STOPPER FOR AUTO THREADER
13	68013218	SET SCREW (M3x4 C) FOR AUTO THREADER
14	416717201	AUTO THREADER SHAFT FOR AUTO THREADER
15	68013226	PRESSER BAR REGULATING SCREW FOR NON-EXPOSURE
15	416765701	PRESSER BAR REGULATING SCREW FOR EXPOSURE
16	416117201	SPRING PIN (2x14) FOR AUTO THREADER
17	68015231	AUTO THREADER SHAFT SPRING FOR AUTO THREADER
18	270 R10083000	AUTO THREADER LEVER FOR AUTO THREADER
19	416145801	AUTO THREADER FOR AUTO THREADER
20	68015232	AUTO THREADER LEVER SPRING FOR AUTO THREADER
21	416121001	SET SCREW (M4x5 C)
22	416152701	NEEDLE BAR SUPPORTER SPRING
23		NEEDLE
24	416466901	PRESSER BAR LIFTER LEVER
25	416162101	PRESSER BAR LIFTER LEVER SCREW WASHER
26	416121101	SET SCREW (M4x10 B)
27	416173401	PRESSER BAR
28	416525901	TENSION LEVER LIFTER
29	416151601	TENSION LEVER LIFTER SPRING
30	416151401	PRESSER BAR BRACKET
31	416151401	SET SCREW (M6x5 C)
32	416173501	PRESSER BAR SPRING
33	416495501	SHANK COMPLETE
34	416118401	SHANK SCREW (9/64x40x8)
35	416117101	SPRING PIN (2x6) FOR AUTO THREADER

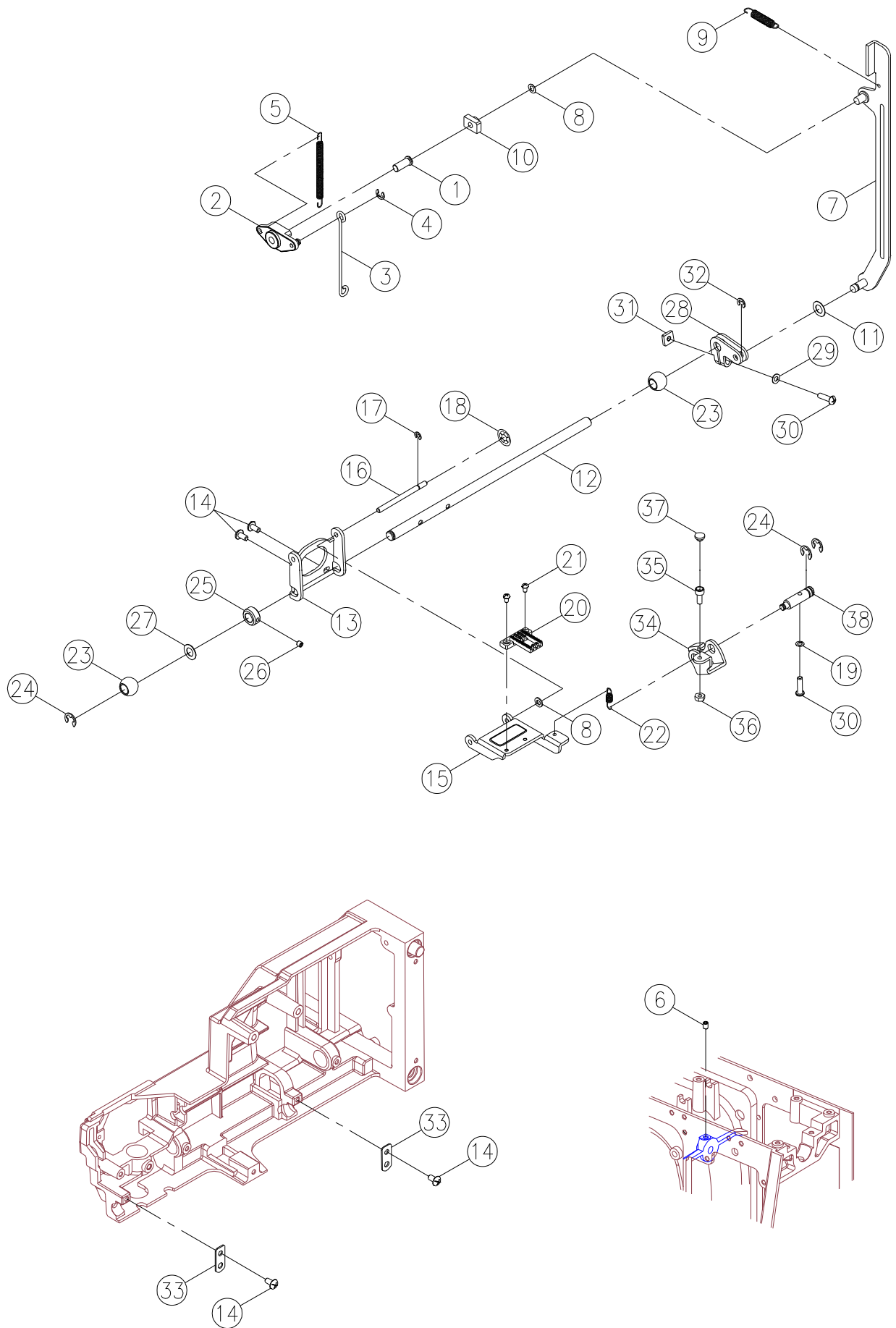


Pos	Part No.	Description
1	416185501	SET SCREW (M4x9) FOR 3232
2	68013206	SET SCREW (M4x10)
3	416117501	SPRING PIN (3x10)
4	416116001	E-RING (ETW-3)
5	416116101	E-RING (ETW-4)
6	416640301	ZIGZAG WIDTH DIAL PLATE FOR 3232
7	416186901	WASHER FOR 3232
8	416522601	CARRYING HANDLE PLATE
9	416602901	ZIGZAG WIDTH CRANK FOR 3232
10	416121501	SET SCREW (M4x8 A)
11	416116301	E-RING (ETW-5)
12	416245401	NEEDLE BAR DRIVING ROD CPL. FOR 3232
12	416639201	NEEDLE BAR DRIVING ROD CPL. FOR 3221
13	416801101	NEEDLE BAR DRIVING ROD PIN
14	416639301	ZIGZAG WIDTH CRANK ROD FOR 3232
15	416640001	ROD
16	416639501	ZIGZAG CONTACT SUPPORTER SHAFT FOR 3232
16	416639401	ZIGZAG CONTACT SUPPORTER SHAFT FOR 3221
17	416639601	ZIGZAG WIDTH REGULATING CAM BOX FOR 3232
18	416639701	ZIGZAG WIDTH SPRING FOR 3232
19	416126801	NUT (M4x0.7) FOR 3232
20	416716501	WASHER (14x6.2x3) FOR 3232
21	416639901	ZIGZAG REGULATOR CRANK FOR 3232
21	416639801	ZIGZAG REGULATOR CRANK FOR 3221



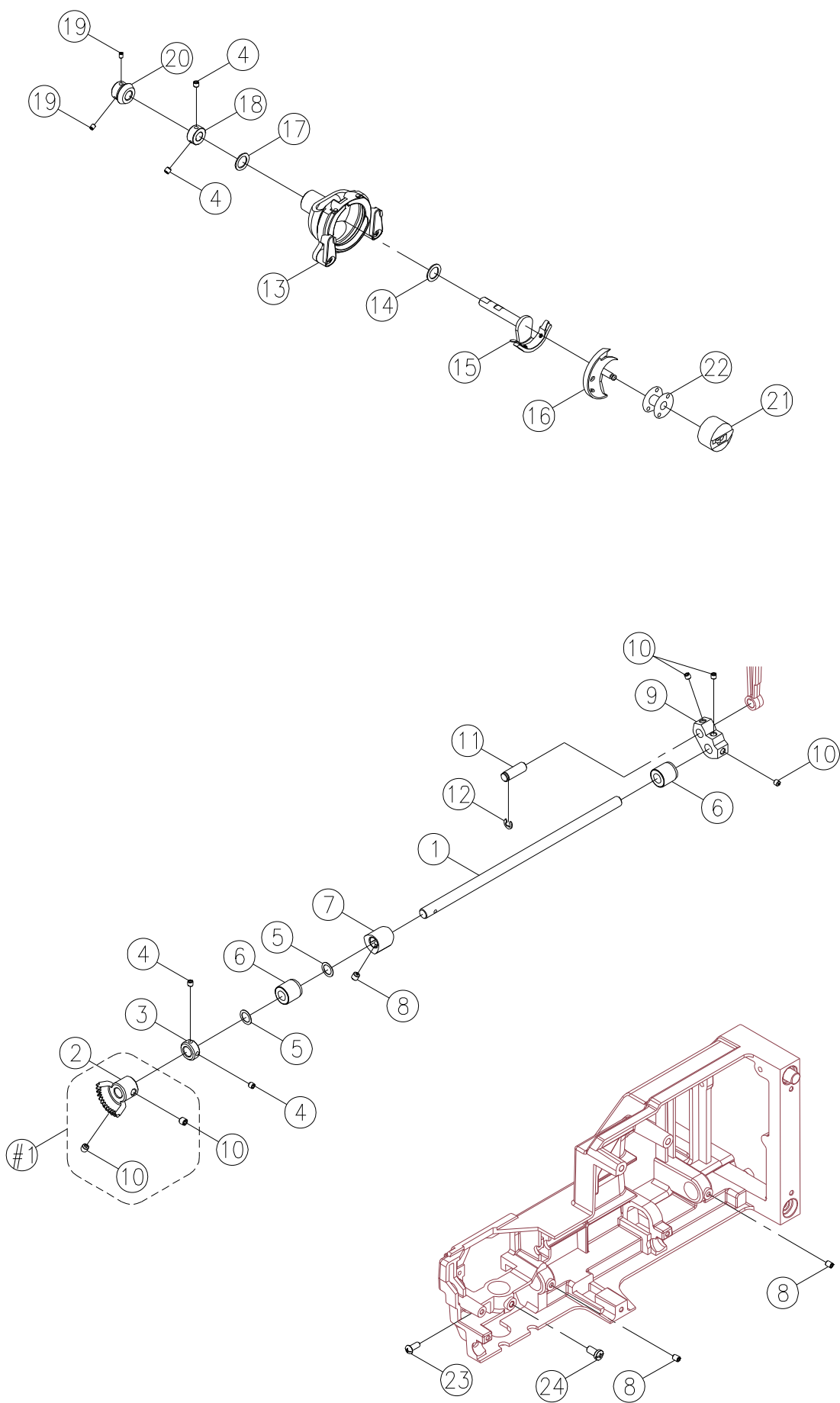
Pos	Part No.	Description
1	416600901	BH SELECTOR PLATE FOR 3221/3232
2	416600901	BH SLIDE PLATE FOR 3221/3232
3	416185901	WASHER (4.2x9x0.5) FOR 3221/3232
4	416728401	BH SELECTOR PLATE FOR 3221/3232
5	416121501	SET SCREW (M4x8 A)
6	416600901	BH CAM PLATE FOR 3221/3232
7	416226601	SET SCREW (M4x5 B) FOR 3221/3232
8	416116001	E-RING (ETW-3) FOR 3221/3232
9	416728601	BH SELECT CRANK FOR 3221/3232
10	270 004230056	SET SCREW (M3x5 B) FOR 3221/3232
11	68003185	BH SELECTOR SHAFT FOR 3221/3232
12	416638801	BH LEVER PLATE CPL. FOR 3221/3232
13	416728801	BH LEVER CRANK FOR 3221/3232
14	416116001	E-RING (ETW-3) FOR 3221/3232
15	416495301	BH LEVER FOR 3221/3232
16	416729001	BH LEVER SPRING PLATE FOR 3221/3232
17	416117001	SPRING PIN (1.6x5) FOR 3221/3232
18	416232001	BH POSITIONED PLATE FOR 3221/3232
19	416231901	BH POSITIONED PLATE FOR 3221/3232
20	416231801	BH MOVEMENT CRANK FOR 3221/3232
21		
22	416171501	NEEDLE PLATE
23	416122901	SET SCREW (M4x6)
24	416120001	SET SCREW (M3x3) FOR 3221/3232

K



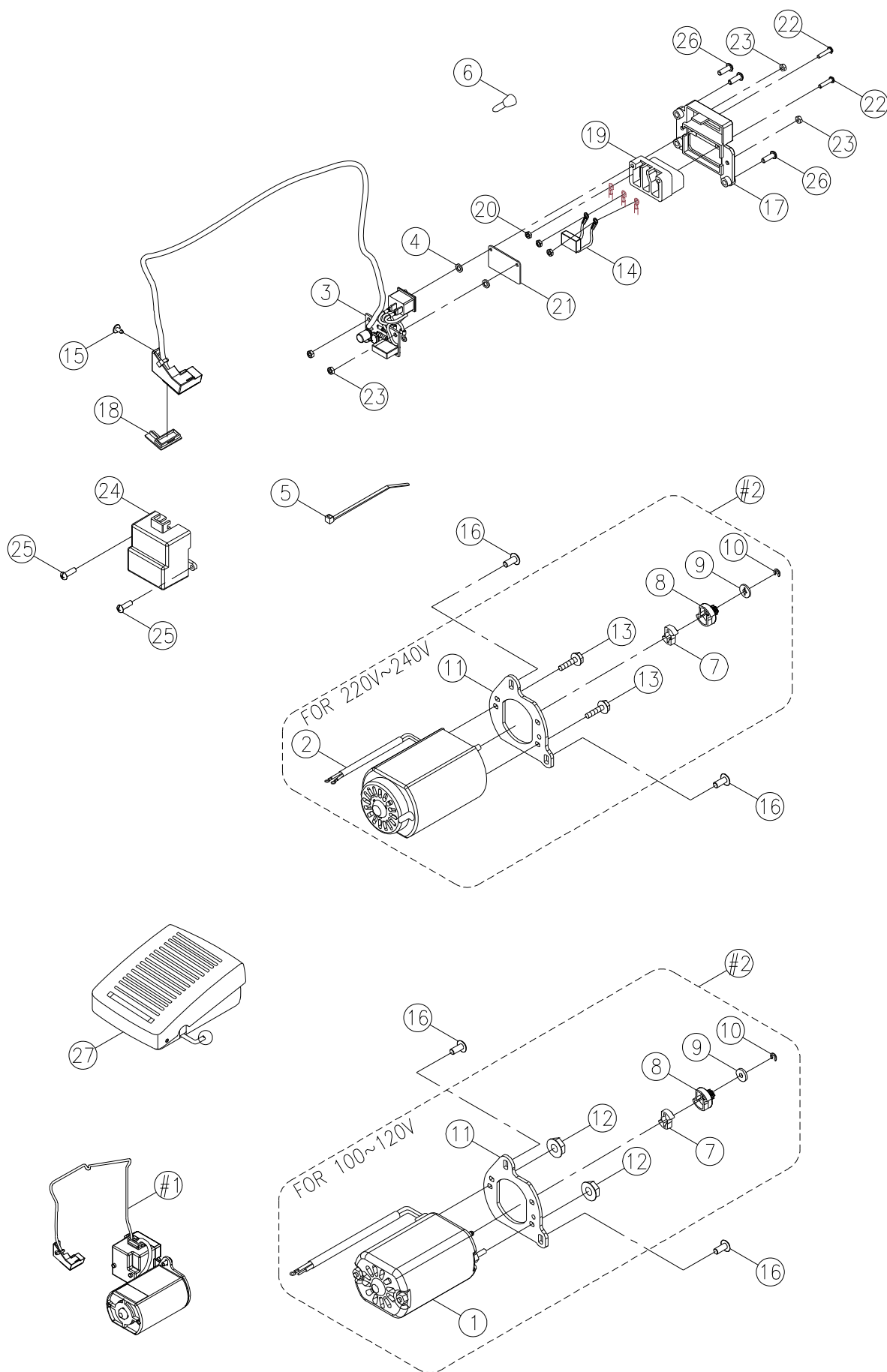
Pos	Part No.	Description
1	416640401	FEED REGULATING SHAFT
2	416640501	FEED REGULATING
3	416640601	FEED ROD
4	416116201	E-RING (ETW-4)
5	416640701	FEED REGULATING SPRING
6	416122101	SET SCREW (M4x6 C)
7	68017341	FORK ROD
8	416125201	ENDURE ATTRITION WASHER (5.7x10.2x0.5)
9	270 V60463003	FORK ROD SPRING
10	270 V11533000	FEED REGULATING BLOCK
11	270 004400450	ENDURE ATTRITION WASHER (5.5x12x0.25)
12	270 V60483000	FEED ROCK SHAFT
13	270 V60493003	FEET ROCK FRAME
14	416121501	SET SCREW (M4x8 A)
15	270 V60503003	FEED DOG FRAME
16	270 V60513003	FEED DOG FRAME SHAFT
17	416116001	E-RING (ETW-3)
18	270 003090043	NUT (SPN-4)
19	270 004600026	WASHER (4.2x7.2x1.2)
20	416171601	FEET DOG
21	270 004230056	SET SCREW (M3x5 B)
22	270 V60533003	FEED DOG FRAME SPRING
23	270 V60343000	FEED ROCK BUSHING
24	416116401	E-RING (ETW-6)
25	416151801	PATTERN CAM SHAFT COLLAR
26	416122401	SET SCREW (M4x4 C)
27	270 004400410	ENDURE ATTRITION WASHER (8.2x12x0.25)
28	270 V60553003	FEED ROCK CRANK
29	416124101	WASHER (4.2x8x0.8)
30	416121701	SET SCREW (M4x15 B)
31	270 004840073	FEED ROCK CRANK NUT (M4)
32	416116101	E-RING (ETW-4)
33	270 V60563003	BUSHING HOLDER PLATE
34	270 V60583003	FEED LIFTING ROCK CRANK
35	270 004250323	SEW SCREW
36	416126501	NUT (M4 t=3)
37	416154301	SEW SCREW KNOB
38	270 V60583003	FEED LIFTING ROCK SHAFT

L



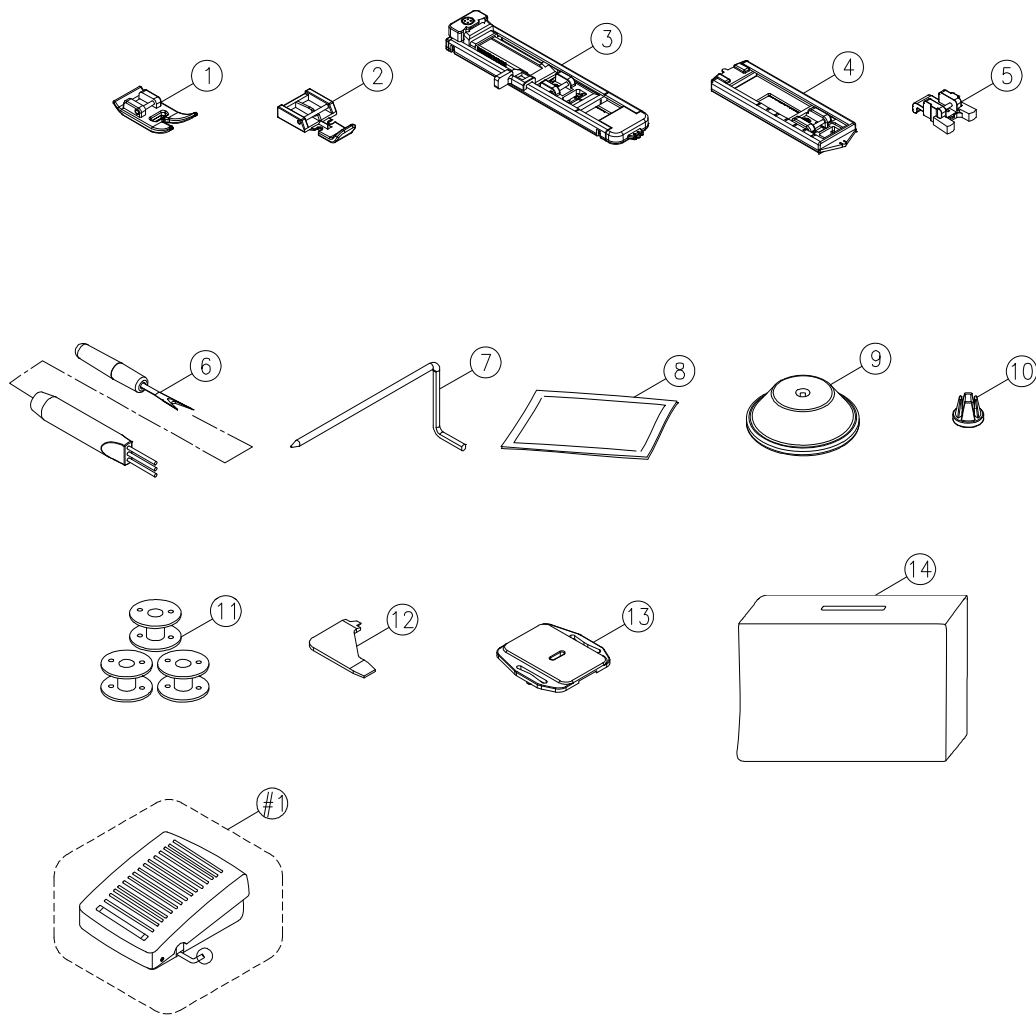
Pos	Part No.	Description
#1	416245801	LOWER SHAFT GEAR CPL.
1	416527801	LOWER SHAFT
2	416245801	LOWER SHAFT GEAR
3	416158801	LOWER SHAFT COLLAR
4	416122401	SET SCREW (M4x4 C)
5	270 004400410	ENDURE ATTRITION WASHER (8.2x12x0.25)
6	416141701	FEED ROCK BUSHING
7	270 V6E1123000	FEED LIFTING ROCK CAM
8	416122101	SET SCREW (M4x6 C)
9	270 V60354000	CRANK CONNECTING ROD CRANK
10	270 004250203	SET SCREW (M5x5 C)
11	270 V10833003	CRANK CONNECTING ROD CRANK PIN
12	416116301	E-RING (ETW-5)
13	68000176	OPEN SHUTTLE RACE CPL.
14	416125701	ENDURE ATTRITION WASHER (7.6x12x0.13)
15	68000174	SHUTTLE DRIVER CPL.
16	416392101	SHUTTLE HOOK
17	416125301	ENDURE ATTRITION WASHER (8.2x16x0.5)
18	416153101	SHUTTLE DRIVER SHAFT COLLAR
19	270 004107293	SET SCREW (11/64x40x4)
20	270 G4A1583000	SHUTTLE DRIVER SHAFT GEAR
21	416153401	BOBBIN CASE CPL.
22	68000175	BOBBIN
23	416121101	SET SCREW (M4x10 B)
24	68013169	SET SCREW (M5x10 B)

L



Pos	Part No.	Description
#1	68017469	MOTOR ELECTRIC WIRE CPL. FOR EUR.
#1	68017470	MOTOR ELECTRIC WIRE CPL. FOR US.
#2	68017475	MOTOR CPL. FOR EUR.
#2	68017476	MOTOR CPL. FOR US.
1	416430001	MOTOR FOR 220V-240V
2	68003572	MOTOR FOR 120V
3	68013271	LED HOLDER CPL. FOR 220V-240V
3	416732501	LED HOLDER CPL. FOR 100V-120V
4	68013231	WASHER (3.2x8x3)
5	416113901	CORD CLIP
6	416133001	END TERMED
7	416129401	CUSHION RUBBER
8	416114501	BELT WHEEL
9	416114501	MOTOR FEED REGULATOR COLLAR
10	416116001	E-RING (ETW-3)
11	68016482	MOTOR BRACKET
12	270 004840131	NUT (M4 t=5.5) FOR 100V-120V
13	416521501	SET SCREW (M4x10.2) FOR 220V-240V
14	68013175	CONDENSER FOR 220V-240V
15	416686701	SET SCREW (M3x5)
16	68013176	SET SCREW (M5x12)
17	68013277	RECEPTACLE HOLDER
18	68001416	LAMPSHADE
19	416184701	RECEPTACLE
20	270 004840120	NUT (M3x4)
21	416183601	CONCERT INSULATION PLATE
22	68013281	SET SCREW (M3x25 B)
23	416302901	NUT (M3 t=2.3)
24	416803701	RECEPTACLE HOLDER COVER
25	416119701	SET SCREW (M3x8 B)
26	416121701	SET SCREW (M4x15 B)
27	68001147	FOOT CONTROLLER FOR EU.
27	270 002V8E4003	FOOT CONTROLLER FOR U.S.A

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Pos	Part No.	Description
#1	68016387	FOOT CONTROLLER BAG CPL.
1	416128401	ALL PURPOSE FOOT (J)
2	416128701	ZIPPER FOOT (I)
3	68003698	BUTTONHOLE FOOT (B) FOR 3221/3232
4		BUTTONHOLE FOOT FOR 3210/3223/3229
5	416284501	BUTTON SEWING FOOT (H)
6	416127701	SEAM RIPPER / BRUSH
7	416497401	EDGE / QUILTING GUIDE
8		PACK OF NEEDLES
9	416500701	SPOOL HOLDER (LARGE)
10	416500801	SPOOL HOLDER (SMALL)
11	68000175	BOBBIN
12	68000177	L-SCREWDRIVER
13	416127901	DARNING PLATE
14	68016488	SOFT COVER