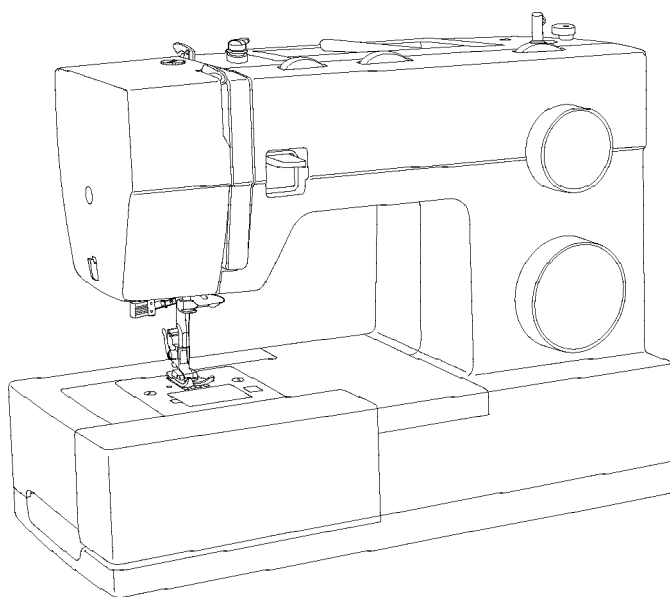


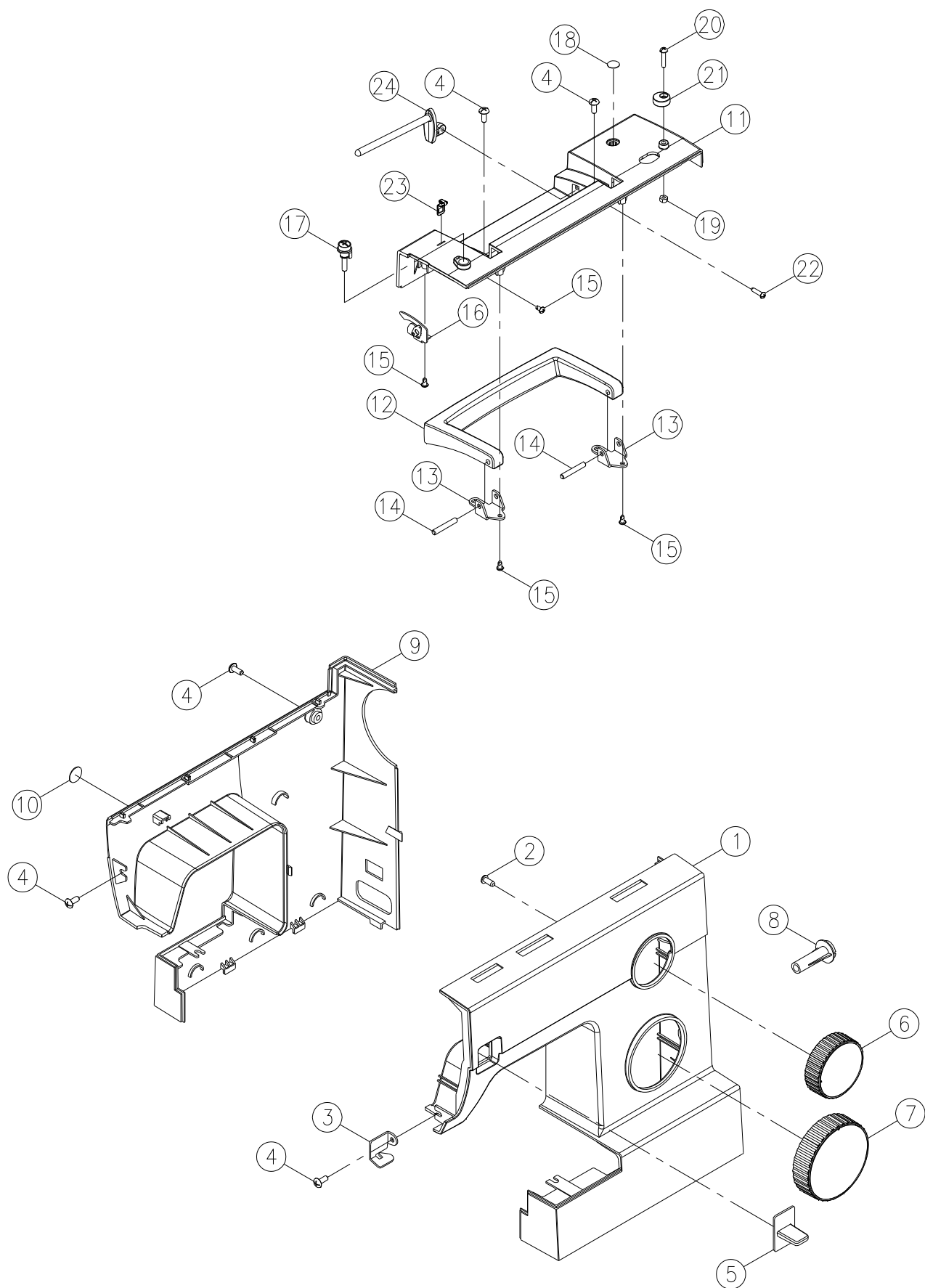


4411/4423/4432



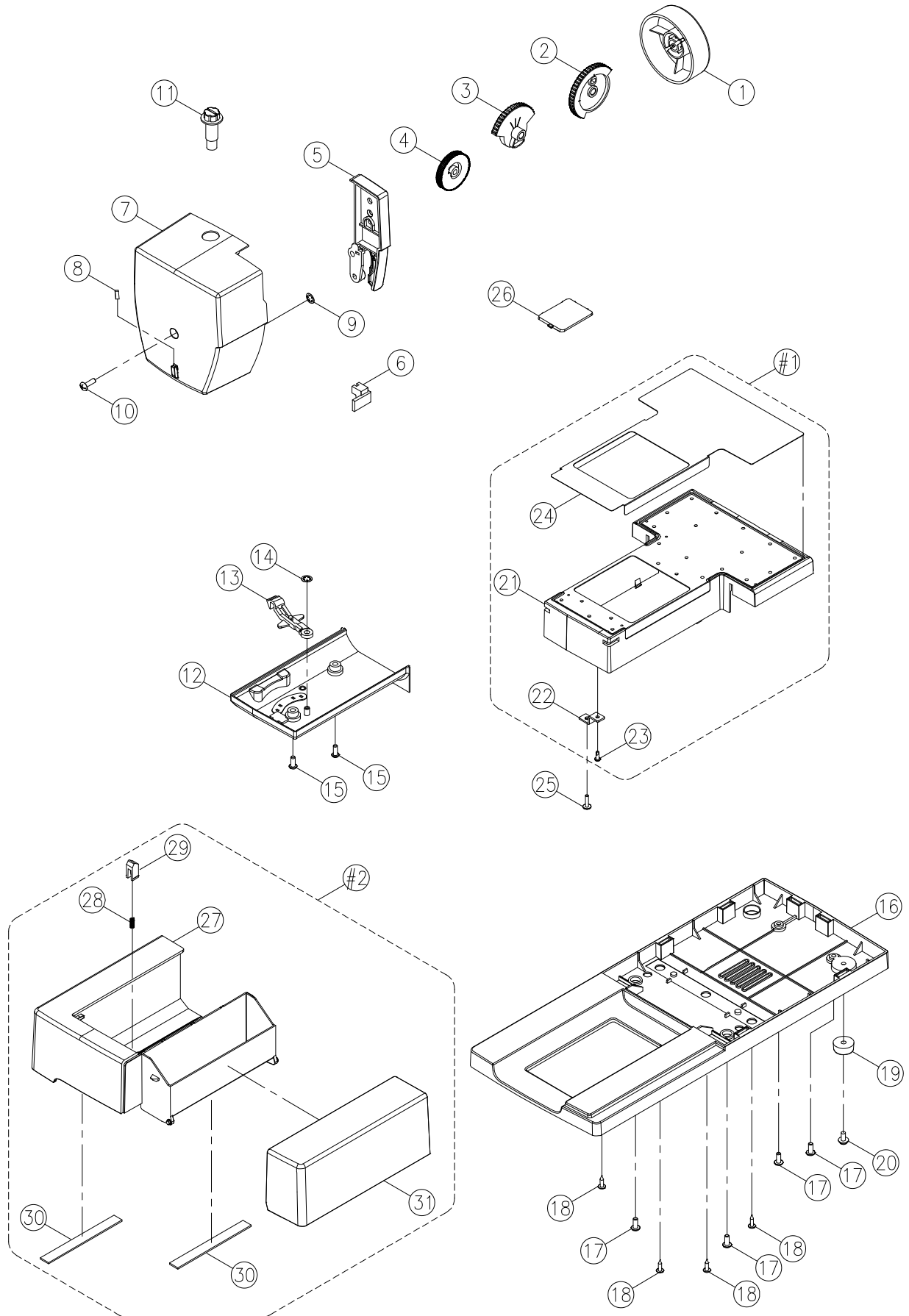
Liste de pièces
Lista de Piezas
Parts List

A



POS.	PART NO.	DESCRIPTION
1	416735601	FRONT COVER FOR 4432
1	416468501	FRONT COVER FOR 4423/4411
2	416529601	SET SCREW (M4×15 B)
3	416145101	ARM TOP COVER THREAD GUIDE PLATE
4	416121501	SET SCREW (M4x8 A)
5	416467401	REVERSE BUTTON
6	68013515	STITCH LENGTH DIAL CPL. FOR 4432
6	68016373	STITCH LENGTH DIAL CPL. FOR 4423
6	68016374	STITCH LENGTH DIAL CPL. FOR 4411
7	68013514	SELECTOR DIAL CPL. FOR 4432
7	68016376	SELECTOR DIAL CPL. FOR 4423
7	68016377	SELECTOR DIAL CPL. FOR 4411
8	416727801	TRIMMING DIAL FOR 4432
8	416547201	TRIMMING DIAL FOR 4423
8	416555201	TRIMMING DIAL FOR 4411
9	416736201	BACK COVER FOR 4432
9	416468701	BACK COVER FOR 4423/4411
10	416736501	PLATE (1) FOR 4432
10	416468801	PLATE (1) FOR 4423/4411
11	416737701	ARM TOP COVER FOR 4432
11	416469101	ARM TOP COVER FOR 4423
11	416553301	ARM TOP COVER FOR 4411
12	416738001	HANDLE FOR 4432
12	416469201	HANDLE FOR 4423
12	416553401	HANDLE FOR 4411
13	416469301	HANDLE BRACKET
14	416469401	PIN
15	416681501	SET SCREW (M3x8.5)
16	416469501	THREAD GUIDE CPL.
17	416804901	BOBBIN WINDER THREAD GUIDE CPL.
18		
19	416126301	NUT (9/64x40 t=3)
20	416174001	SET SCREW (9/64x40x16)
21	416554101	BOBBIN WINDER
22	416718401	SET SCREW (M3x12 B)
23	416145501	THREAD GUIDE
24	416738401	SPOOL PIN BASE FOR 4432
24	416469701	SPOOL PIN BASE FOR 4423
24	416472001	SPOOL PIN BASE FOR 4411

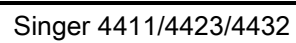
B



POS.	PART NO.	DESCRIPTION
#1	68013903	FREE ARM SLAB CPL. FOR 4432
#1	68016381	FREE ARM SLAB CPL. FOR 4423/4411
#2	68013904	SEWING TABLE BODY CPL. FOR 4432
#2	416472601	SEWING TABLE BODY CPL. FOR 4423/4411
1	416466601	HAND WHEEL
2	416467301	ZIGZAG WIDTH DIAL
3	416467201	NEEDLE POSITION BUTTON
4	416468401	DIAL TENSION KNOB
5	416734701	DIAL TENSION SUPPORTER PLATE COVER FOR 4432
5	416468301	DIAL TENSION SUPPORTER PLATE COVER FOR 4423
5	416471901	DIAL TENSION SUPPORTER PLATE COVER FOR 4411
6	416413301	BH LEVER BUTTON FOR 4432/4423
7	416738601	FACE COVER FOR 4432
7	416469901	FACE COVER FOR 4423
7	416472101	FACE COVER FOR 4411
8	412423701	CUTTER
9	416116701	CS-RING (CSTW-5)
10	68001182	SET SCREW (M4x5 A)
11	416730601	PRESSER BAR REGULATING SCREW FOR 4432
11	416730301	PRESSER BAR REGULATING SCREW FOR 4423/4411
12	416737001	FREE ARM BASE COVER FOR 4432
12	68016380	FREE ARM BASE COVER FOR 4423/4411
13	416737501	DROP FEED LEVER FOR 4432
13	416737401	DROP FEED LEVER FOR 4423/4411
14	416116801	CS-RING (CSTW-4.5)
15	416121601	SET SCREW (M4x12 B)
16	416469001	BASE PLATE COVER
17	416121501	SET SCREW (M4x8 A)
18	68013874	SET SCREW (M3x10 A)
19	68012007	FREE ARM BASE CUSHION RUBBER
20	68013206	SET SCREW (M4x10 A)
21		
22		
23		
24		
25	68017364	SET SCREW (M3x0.5x8)
26	416428301	NEEDLE PLATE COVER
27		
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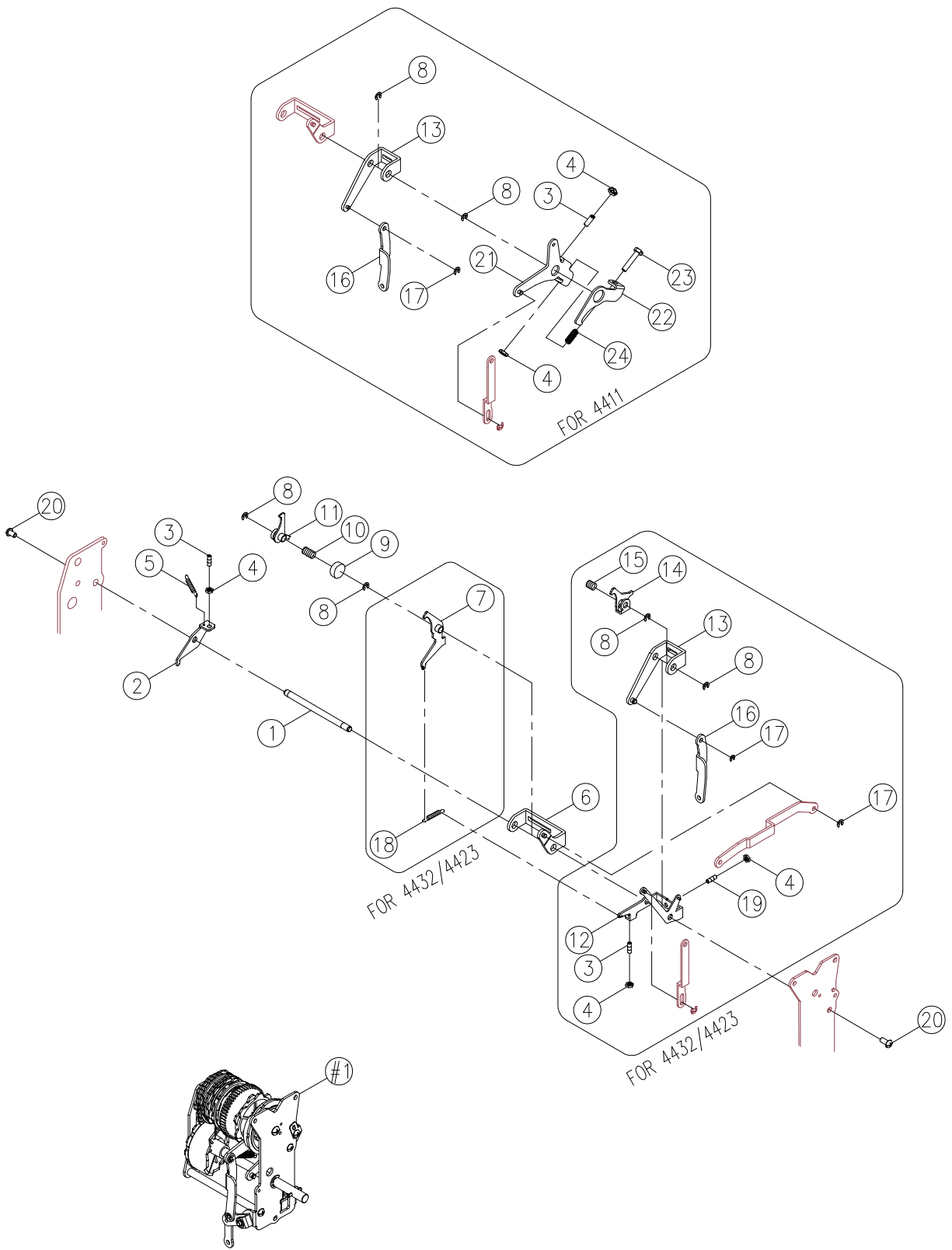
This exploded view diagram illustrates the assembly of a bicycle rear wheel. The components are numbered as follows:

- 1**: Axle nut
- 2**: Axle
- 3**: Axle nut
- 4**: Axle nut
- 5**: Axle nut
- 6**: Axle nut
- 7**: Axle nut
- 8**: Axle nut
- 9**: Axle nut
- 10**: Axle nut
- 11**: Axle nut
- 12**: Axle nut
- 13**: Axle nut
- 14**: Axle nut
- 15**: Axle nut
- 16**: Axle nut
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- 18**: Axle nut
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- 23**: Axle nut
- 24**: Axle nut
- 25**: Axle nut
- 26**: Axle nut
- 27**: Axle nut
- 28**: Axle nut
- 29**: Axle nut

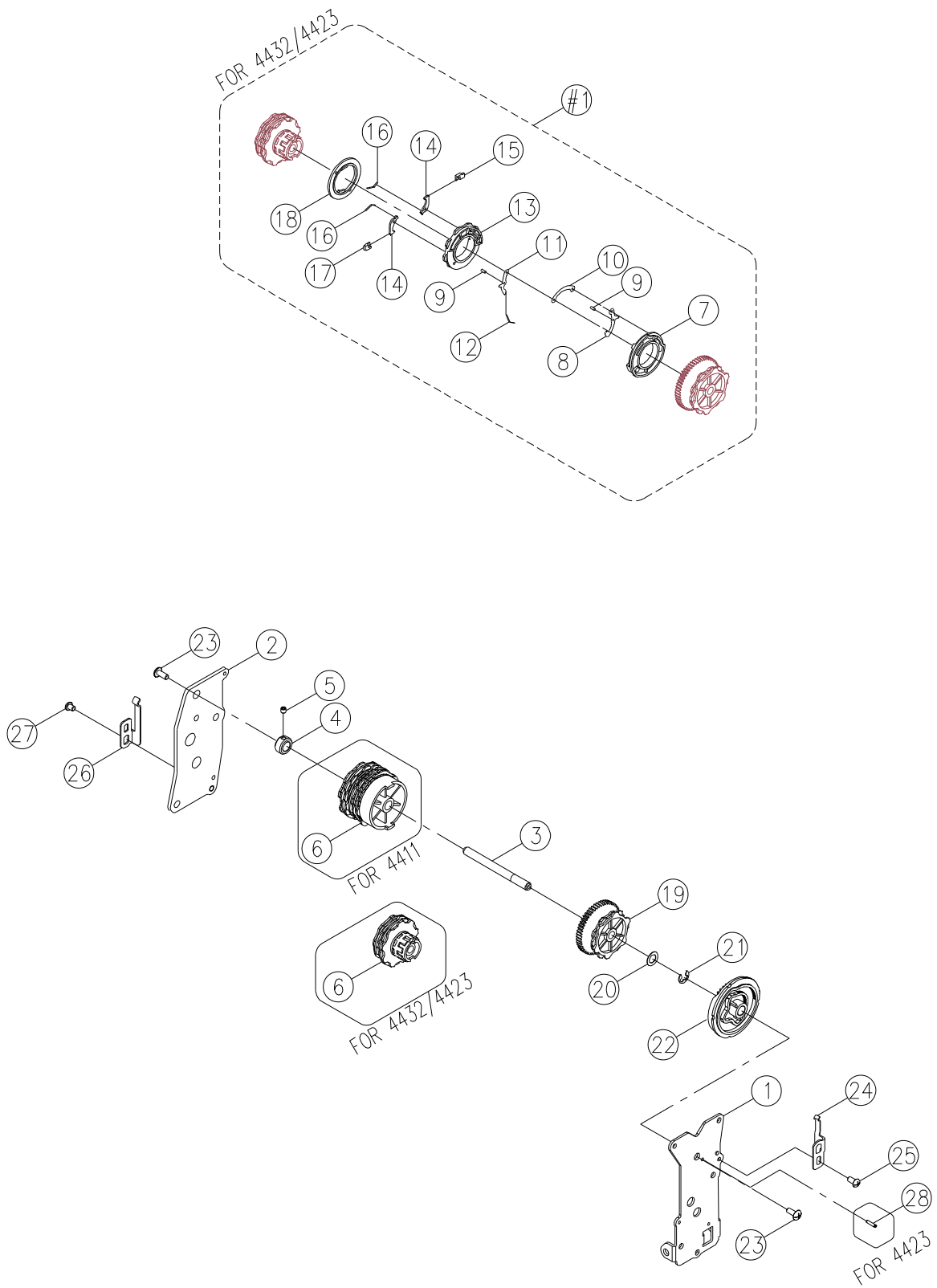


POS.	PART NO.	DESCRIPTION
#1	416466701	THREAD TAKE UP LEVER CPL.
1	416466401	BELT
2	416466301	FREE ARM FOOT
3	416679301	SET SCREW (M5x10)
4	68012007	FREE ARM BASE CUSHION RUBBER
5	416679501	SET SCREW (M4x8)
6	416154401	SPRING
7	416154601	ADJUSTMENT SCREW
8	68003263	FREE ARM BASE CUSHION
9	416577401	PIN
10	416542301	ARM SHAFT
11	416542401	ARM SHAFT BALANCE
12	416117701	PIN (3.5x24)
13	416125101	WASHER (10.2x15x0.5)
14	416727201	ARM SHAFT BUSING
15	416156501	ARM SHAFT COLLAR
16	270 004250203	SET SCREW (M5x5 C)
17	416680201	ARM SHAFT SPROCKET
18	416117601	SPRING PIN (3x18)
19	416116501	E-RING (ETW-9)
20	416727301	BELT
21	68013256	ARM SHAFT WORM CPL.
22	416122401	SET SCREW (M4x4 C)
23	416727401	ARM SHAFT BUSING
24	270 003043028	SPRING PIN (3x28)
25	416307201	CLUTCH SLEEVE
26	270 D5A0573003	ARM SHAFT CLUTCH ANNULUS SPRING
27	416542801	ARM SHAFT DRIVER BELT PULLEY
28	416542901	E-RING (ETW-8)
29	416680701	SPRING PIN (3x30)
30	416121001	SET SCREW (M4x5 C)
31	416122101	SET SCREW (M4x6 C)
32	416543001	OIL COTTON
33	416727501	OIL COTTON
34		
35		
36		
37		
38		
39		
40	416543401	OIL COTTON

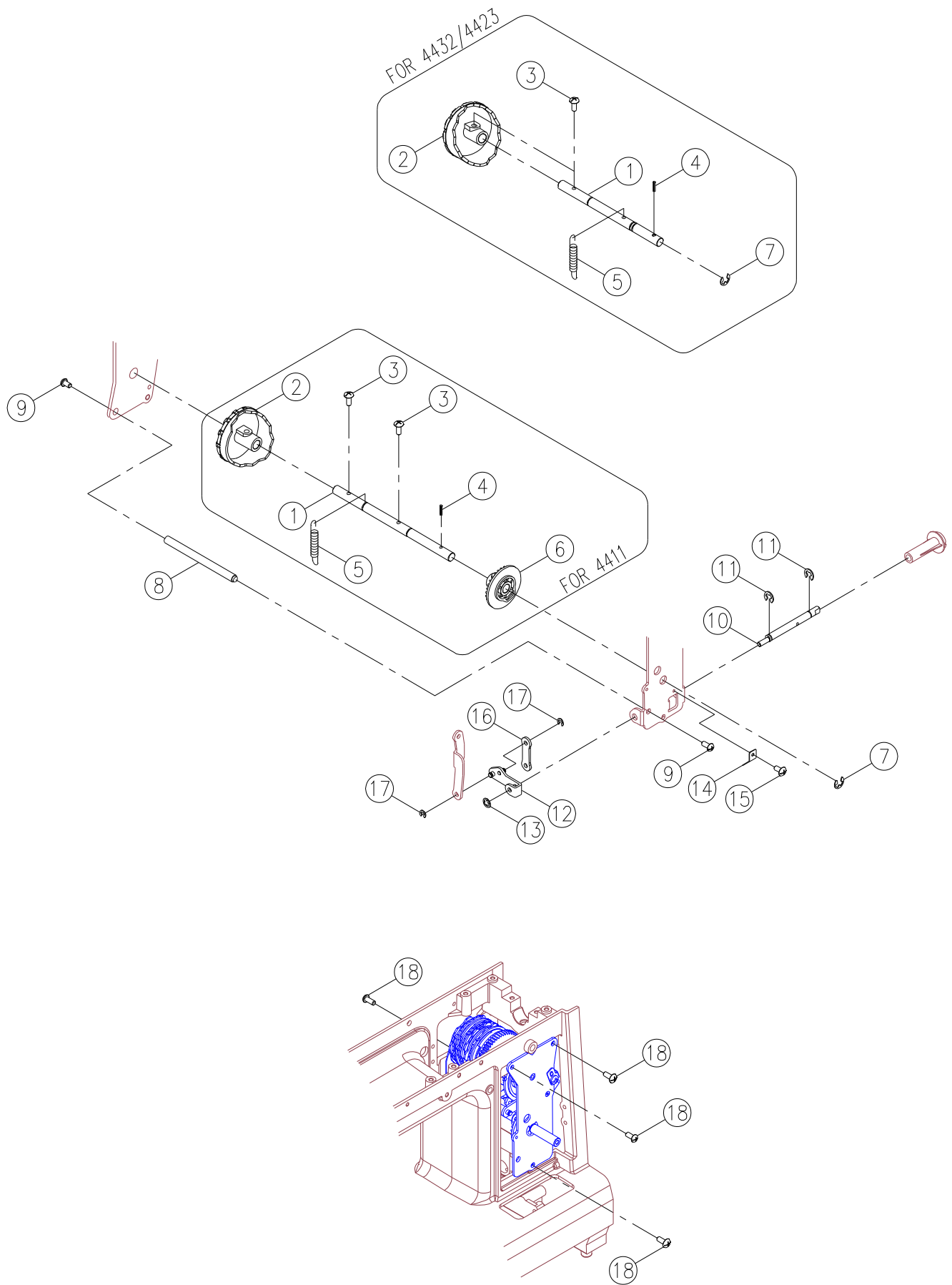
D



POS.	PART NO.	DESCRIPTION
#1	68013838	PATTERN CAM CONTACT CPL. FOR 4432
#1	416530901	PATTERN CAM CONTACT CPL. FOR 4423
#1	68016382	PATTERN CAM CONTACT CPL. FOR 4411
1	416598001	ZIGZAG CAM CONTACT SUPPORTER SHAFT
2	416544901	ZIGZAG RELEASE PLATE
3	416185501	SET SCREW (M4x0.7 L9)
4	68015308	NUT (ALN-4)
5	416545001	ZIGZAG RELEASE PLATE SPRING
6	416545101	ZIGZAG CAM CONTACT SUPPORTER
7	416545201	BH FEED CRANK FOR 4432/4423
8	416183801	E-RING (ETW-5)
9	416545301	SPRING PEDESTAL
10	68013835	ZIGZAG CAM CONTACT SPRING
11	416545501	ZIGZAG CAM CONTACT
12	416545601	BH ADJUSTING CRANK FOR 4432/4423
13	416545701	SS CAM CONTACT SUPPORTER
14	416597501	SS CAM CONTACT FOR 4432/4423
15	416166401	SS CAM CONTACT SPRING FOR 4432/4423
16	416546001	FEED ROCK SHAFT
17	416116001	E-RING (ETW-3)
18	416187301	BH FEED CRANK SPRING FOR 4432/4423
19	416122701	SET SCREW (M4x0.7 L12) FOR 4432/4423
20	416119201	SET SCREW (M3x6 A)
21	416800601	FEED ADJUST CRANK FOR 4411
22	416554801	BH FEED CRANK FOR 4411
23	270 004240706	SET SCREW (M4x20) FOR 4411
24	270 V60813003	BH SPRING FOR 4411

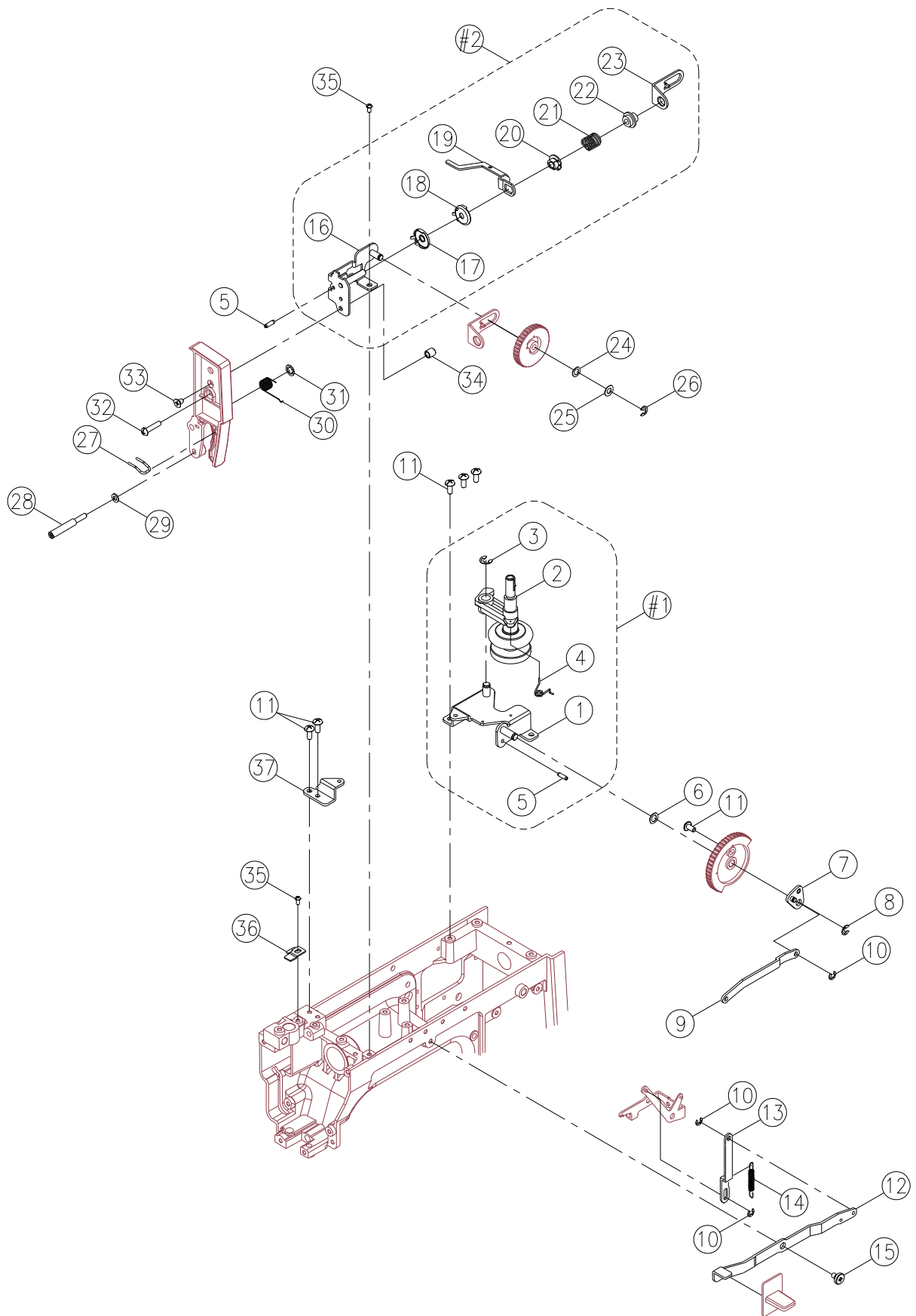


POS.	PART NO.	DESCRIPTION
#1	68016365	BH CAM CPL.
1	416543501	PATTERN CAM CONTACT PLATE (FRONT)
2	416543701	PATTERN CAM CONTACT PLATE (BACK)
3	416543801	PATTERN CAM SHAFT
4	416151801	PATTERN CAM SHAFT COLLAR
5	416122401	SET SCREW (M4x4 C)
6	68003183	PATTERN CAM FOR 4432/4423
6	416430101	PATTERN CAM FOR 4411
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18		
19	416427901	SS CAM
20	416228101	WASHER (8.2x14x0.5)
21	416116401	E-RING (ETW-6)
22	68003182	FEED REGULATOR CAM
23	416121501	SET SCREW (M4x8 A)
24	416546501	FEED REGULATOR FIX PLATE
25	416524501	SET SCREW (M4x4 B)
26	416195301	PATTERN FIX SPRING PLATE
27	416226601	SET SCREW (M4x5 B)
28	416547101	SPRING PIN (2.5x10) FOR 4423

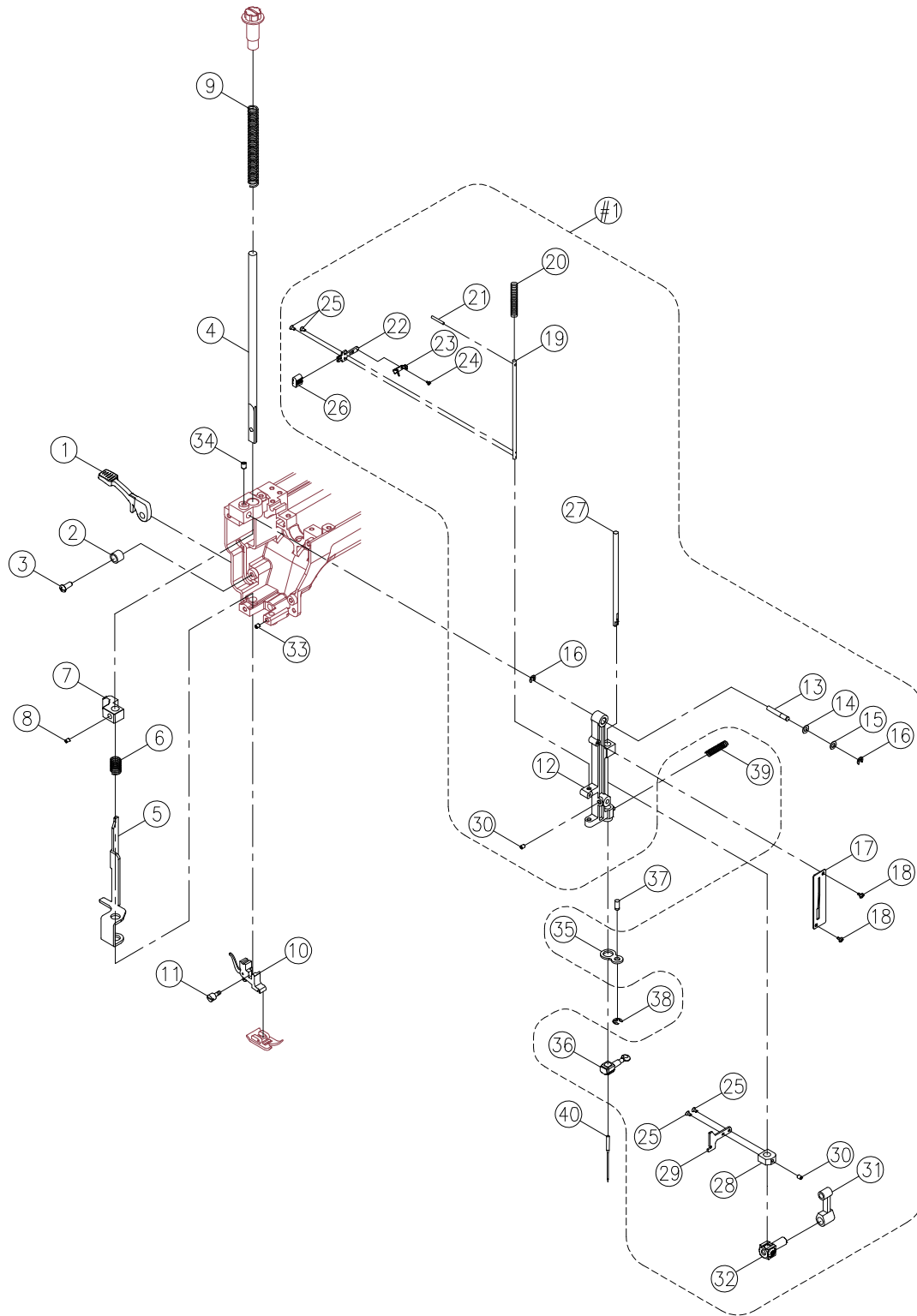


POS.	PART NO.	DESCRIPTION
1	416546101	PATTERN SELECTOR CAM SHAFT
2	416727701	PATTERN SELECTOR CAM FOR 4432/4423
2	416554901	PATTERN SELECTOR CAM FOR 4411
3	416185201	SET SCREW (M4x10)
4	416183901	SPRING PIN (2.5x16)
5	416546301	FEED REGULATING CRANK SPRING
6	416604401	BH PATTERN SELECTOR CAM FOR 4411
7	416116401	E-RING (ETW-6)
8	416546401	PATTERN CAM CONTACT SUPPORTER SHAFT
9	416119201	SET SCREW (M3x6 A)
10	68015439	TRIMMING SHAFT
11	416116101	E-RING (ETW-4)
12	416546801	ADJUSTING PLATE
13	416225801	CS-RING (CSTW-4)
14	416546901	TRIMMING SHAFT PLATE
15	416120601	SET SCREW (M3x5 A)
16	416547001	FEED REGULATING ROD
17	416116001	E-RING (ETW-3)
18	416121501	SET SCREW (M4x8 A)

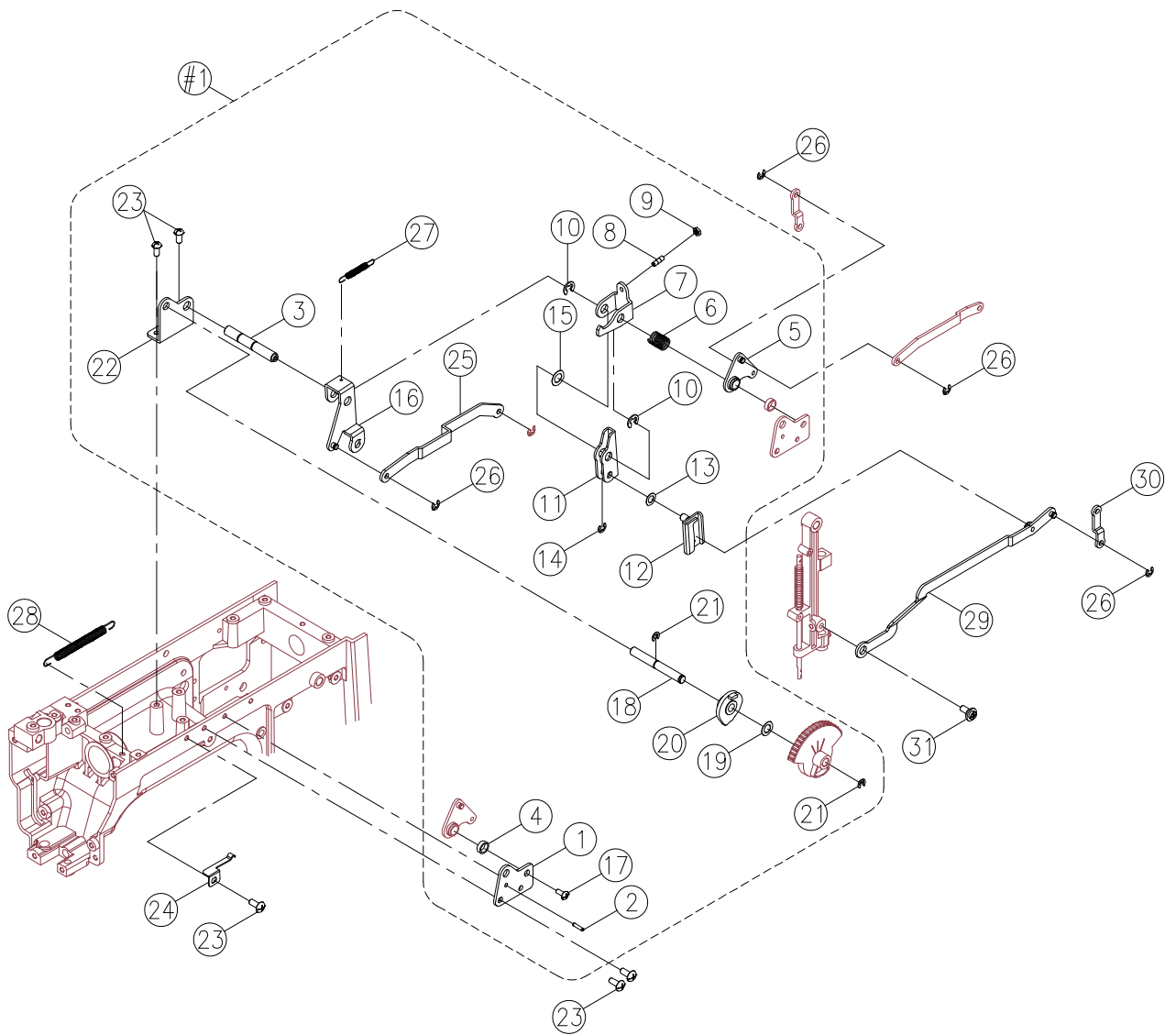
G



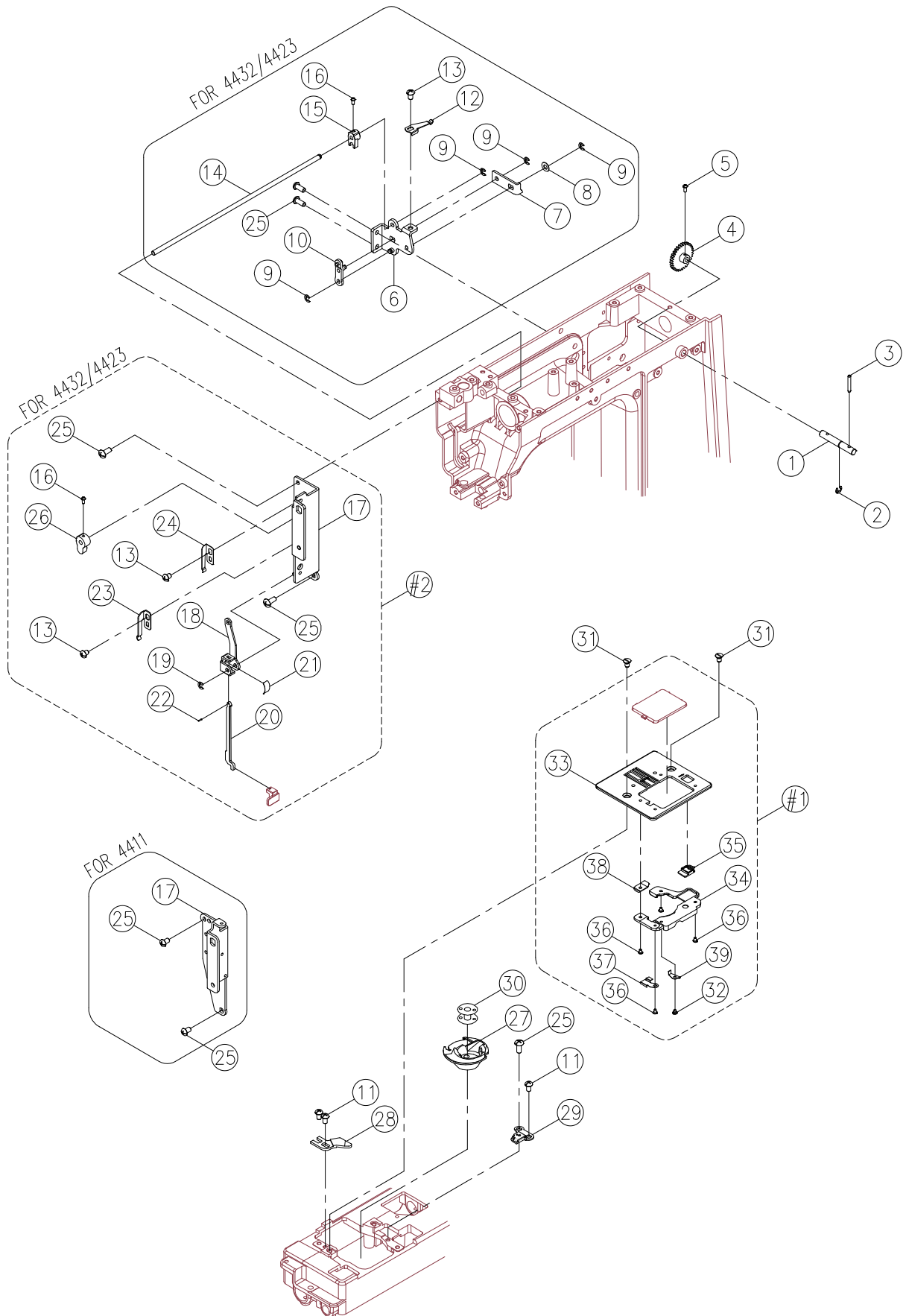
POS.	PART NO.	DESCRIPTION
#1	68016366	BOBBIN WINDER CPL.
#2	68016367	TENSION SUPPORTER MOVEMENT PLATE CPL.
1		
2	416700601	BOBBIN WINDER CRANK CPL.
3		
4	270 K6A0573003	BOBBIN WINDER CRANK SPRING
5	416117501	SPRING PIN (3x10)
6	416186901	WASHER (6.4x11x1x0.15)
7	416551101	ZIGZAG REGULATOR CRANK
8	416116201	E-RING (ETW-4)
9	416551201	ZIGZAG WIDTH ADJUSTMENT ROD
10	416116001	E-RING (ETW-3)
11	416121501	SET SCREW (M4x8 A)
12	416802801	REVERSE LEVER
13	416802801	REVERSE ROD
14	416155001	AUTO THREADED LEVER SPRING
15	416716301	SET SCREW (M4x4.5)
16		
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24	416126001	WASHER (WW-5)
25	416124501	WASHER (5.2x10x0.5)
26	416116101	E-RING (ETW-4)
27	416198701	THREAD GUIDE
28	68013222	SET SCREW (M4x0.7 L42)
29	416124101	WASHER (4.2x8x0.8)
30	416162601	DIAL TENSION SPRING
31	416116701	CS-RING (CSTW-5)
32	416121701	SET SCREW (M4x15 B)
33	416121901	SET SCREW (M4x6 D)
34	416151701	DIAL TENSION GUIDE SPRING TUBE
35	416121201	SET SCREW (M4x6 B)
36	416527201	TENSION LEVER REGULATING PLATE
37	416552301	ARM TOP COVER BRACKET



POS.	PART NO.	DESCRIPTION
#1	68018208	NEEDLE BAR SUPPORTER CPL. FOR 4432/4423
1	416466901	PRESSER BAR LIFTER LEVER
2	416162101	PRESSER BAR LIFTER LEVER SCREW WASHER
3	416121101	SET SCREW (M4x10 B)
4	416173401	PRESSER BAR
5	416730201	TENSION LEVER LIFTER
6	416151601	TENSION LEVER LIFTER SPRING
7	416151401	PRESSER BAR BRACKET
8	416151401	SET SCREW (M6x5 C)
9	416173501	PRESSER BAR SPRING
10	416128201	SHANK CPL.
11	416118401	SET SCREW (9/64x40x7.5)
12	416729401	NEEDLE BAR SUPPORTER FOR 4411
13	416189301	NEEDLE BAR SUPPORTER PIN
14	416186901	WASHER (WW-6)
15	416185801	WASHER (6.5x13x1)
16	416116201	E-RING (ETW-4)
17		
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27	416466801	NEEDLE BAR
28		
29		
30		
31	416235801	NEEDLE BAR CRANK ROD
32	416150801	NEEDLE BAR BRACKET CPL.
33	416121001	SET SCREW (M4x5 C)
34	416122101	SET SCREW (M4x6 C)
35	416682401	NEEDLE BAR SWING RING
36	416245301	NEEDLE CLAMP CPL.
37	68014111	NEEDLE BAR SUPPORTER PIN
38	416116101	E-RING (ETW-4)
39	416152701	NEEDLE BAR SUPPORTER SPRING
40		NEEDLE (14/90)

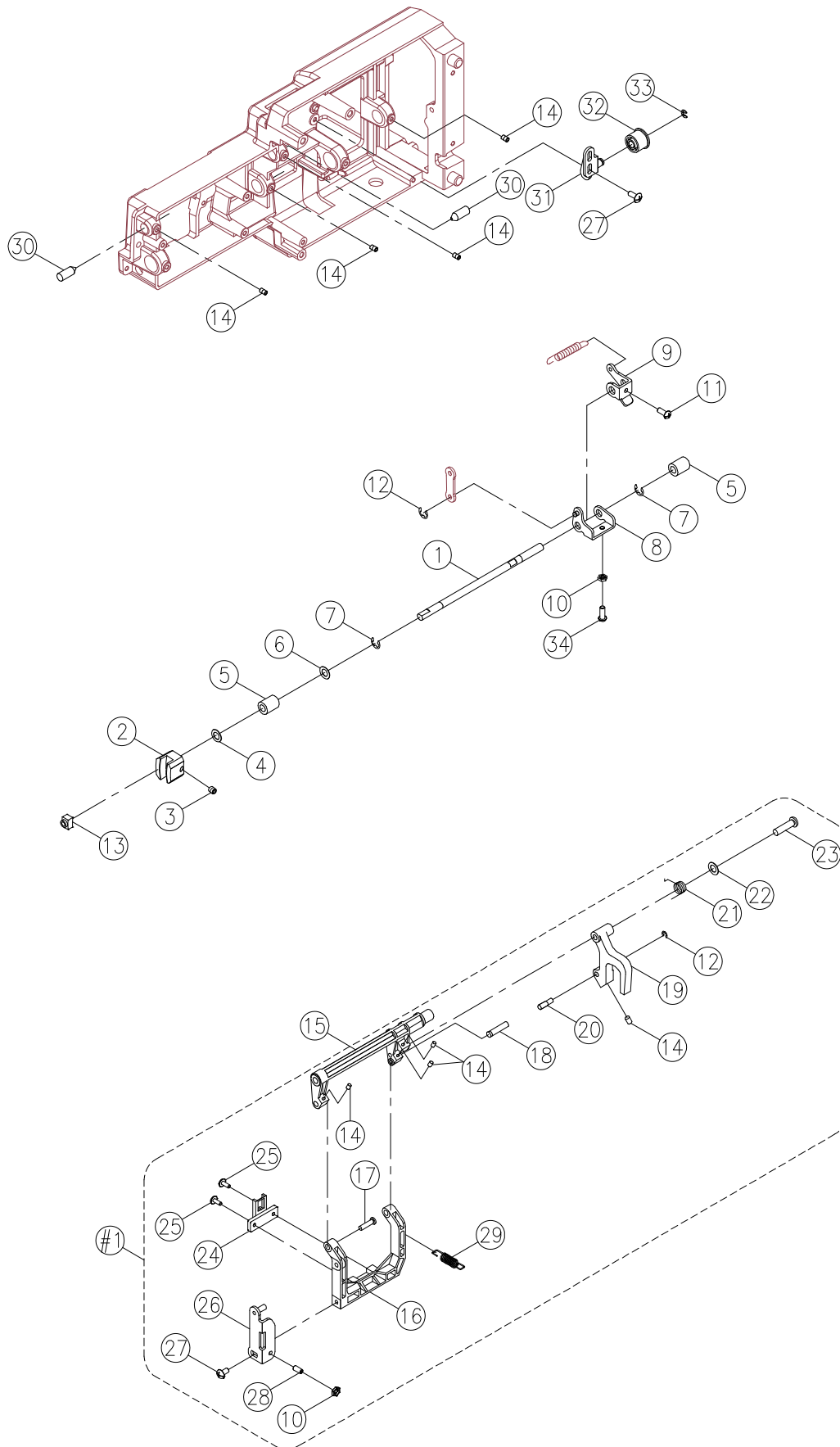


POS. PART NO.	DESCRIPTION
#1 68013839	NEEDLE POSITION PLATE CPL.
1	
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20	
21	
22	
23 416121501	SET SCREW (M4x8 A)
24 416550801	NEEDLE POSITION PLATE
25	
26 416116001	E-RING (ETW-3)
27	
28 416551501	NEEDLE POSITION SPRING
29 68015440	NEEDLE BAR DRIVING ROD CPL.
30 416548701	ZIGZAG WIDTH CRANK ROD
31 416801101	NEEDLE BAR DRIVING ROD PIN



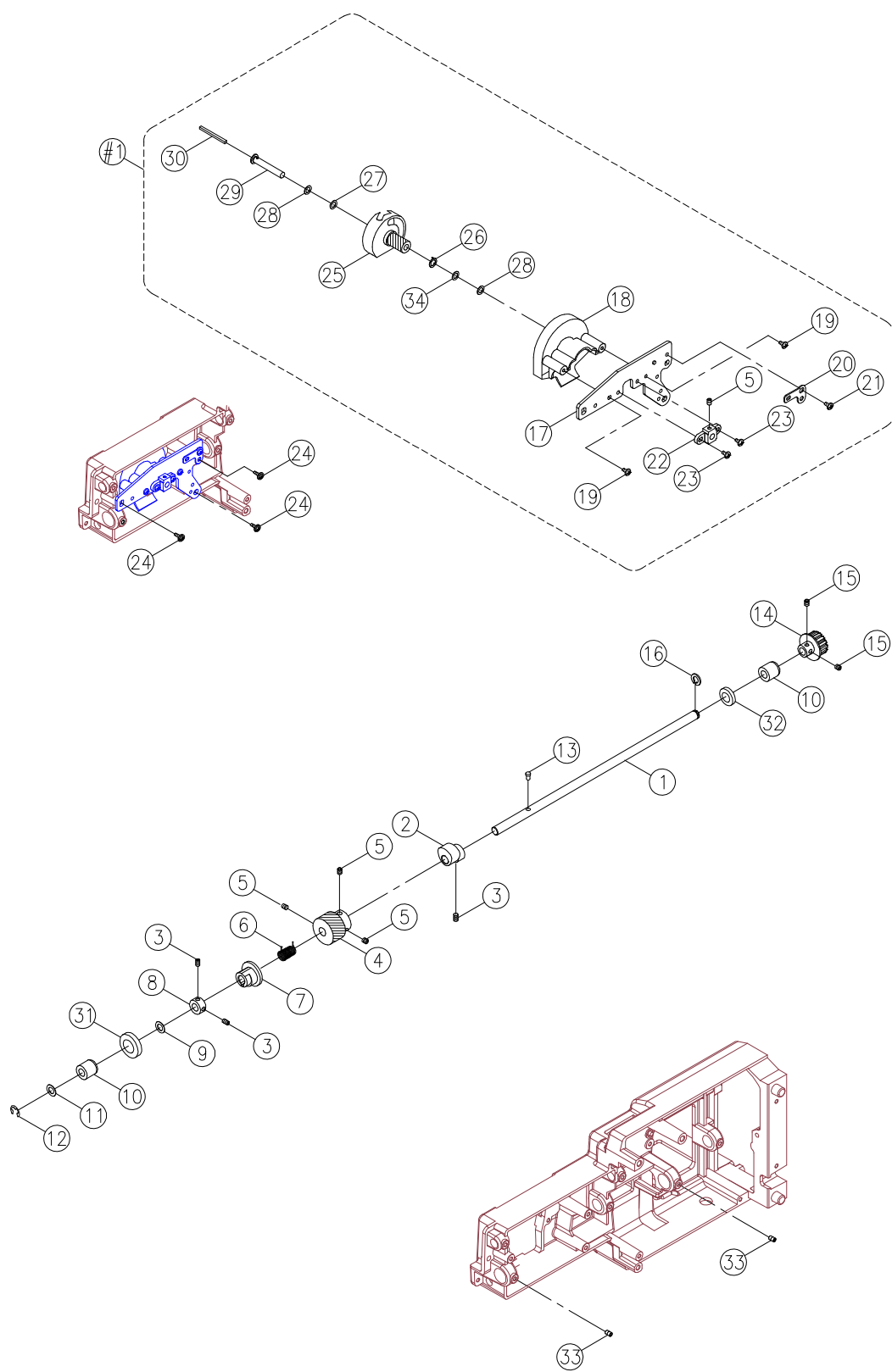
POS.	PART NO.	DESCRIPTION
#1	68013745	NEEDLE PLATE CPL.
#2	68016385	BH LEVER PLATE CPL. FOR 4432/4423
1	416547301	FEED REGULATOR DIAL SHAFT
2	416116301	E-RING (ETW-5)
3	416183901	SPRING PIN (2.5x16)
4	416195501	FEED REGULATOR GEAR
5	416518401	SET SCREW (M3x8 A)
6	416728201	BH SELECTOR PLATE FOR 4432/4423
7	416600901	BH SLIDE PLATE FOR 4432/4423
8	416185901	WASHER (4.2x9x0.5) FOR 4432/4423
9	416116001	E-RING (ETW-3) FOR 4432/4423
10	416728401	BH SELECTOR PLATE FOR 4432/4423
11	416121201	SET SCREW (M4x6 B)
12	416728501	BH CAM PLATE FOR 4432/4423
13	416226601	SET SCREW (M4x5 B) FOR 4432/4423
14	68003185	BH SELECT CRANK SHAFT FOR 4432/4423
15	416728601	BH SELECT CRANK FOR 4432/4423
16	270 004230056	SET SCREW (M3x5 B) FOR 4432/4423
17	68013842	BH LEVER PLATE CPL. FOR 4432/4423
17	416555301	BH LEVER PLATE FOR 4411
18	416728801	BH LEVER CRANK FOR 4432/4423
19	416116001	E-RING (ETW-3) FOR 4432/4423
20	416495301	BH LEVER FOR 4432/4423
21	416729001	BH LEVER SPRING PLATE FOR 4432/4423
22	416117001	SPRING PIN (1.6x5) FOR 4432/4423
23	416232001	BH POSITIONED PLATE FOR 4432/4423
24	416231901	BH POSITIONED PLATE FOR 4432/4423
25	416121501	SET SCREW (M4x8 A)
26	416231801	BH MOVEMENT CRANK FOR 4432/4423
27	416827001	SHUTTLE HOOK CPL.
28	416144001	ROTARY HOOK PLATE
29	68012459	ROTARY HOOK PLATE (2) CPL.
30	68000175	BOBBIN
31	416122901	SET SCREW (M4x6)
32	SEE #1	
33	SEE #1	
34	SEE #1	
35	SEE #1	
36	SEE #1	
37	SEE #1	
38	SEE #1	
39	SEE #1	

K



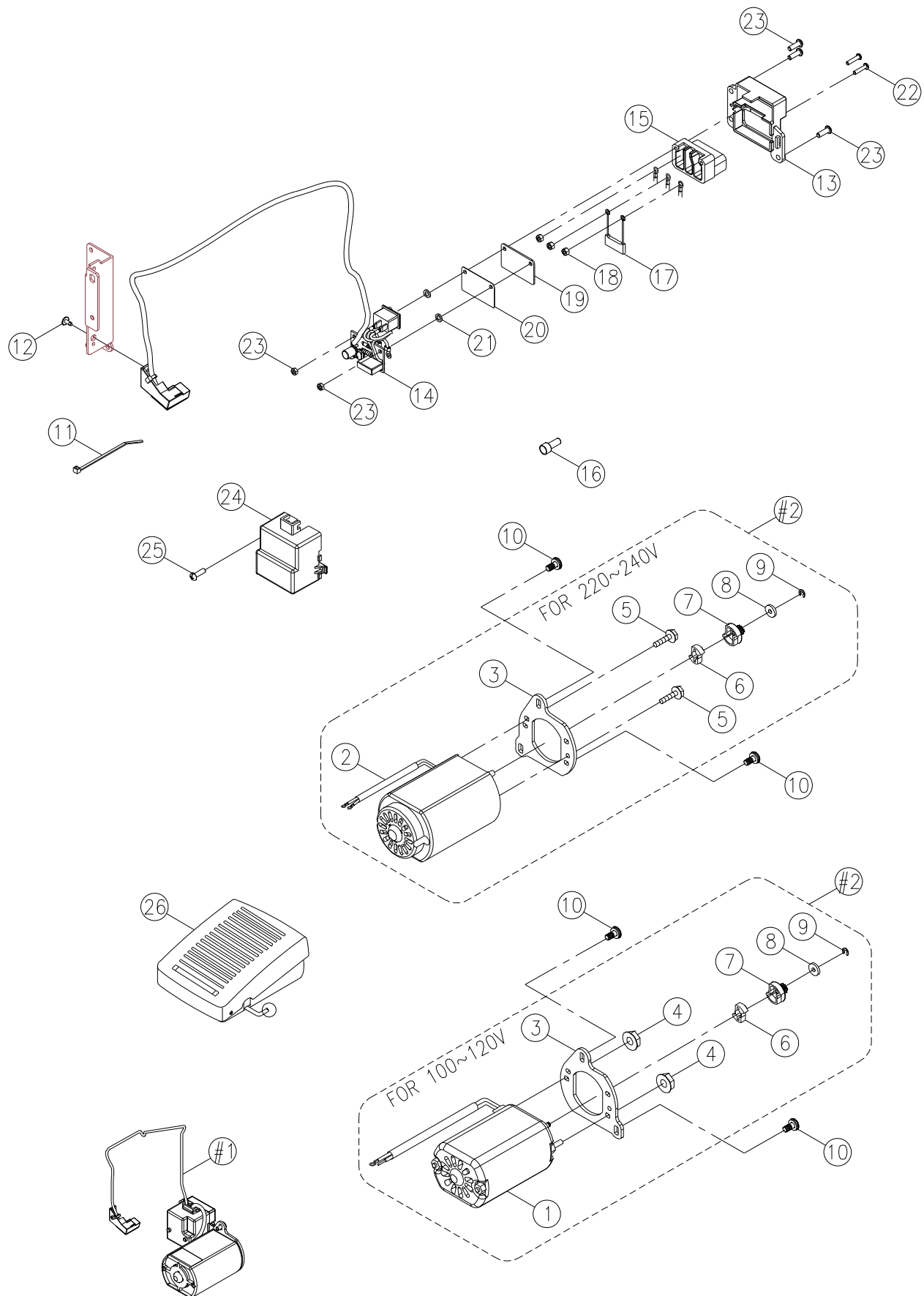
POS.	PART NO.	DESCRIPTION
#1	68013931	FEED ROCK SHAFT CPL.
1	416730901	FEED REGULATING SHAFT
2	416149701	FEED REGULATING
3	416122401	SET SCREW (M4x4 C)
4	416125601	WASHER (6.7x11.8x0.5)
5	416156901	FEED ROCK BUSHING
6	416124001	WASHER (6.7x12x1)
7	416116301	E-RING (ETW-5)
8	416549101	FEED REGULATING CRANK
9	270 E1A0493003	FEED CRANK
10	68015308	ADJUSTING NUT (ALN-4)
11	416121101	SET SCREW (M4x10 B)
12	416116001	E-RING (ETW-3)
13	416149601	FEED REGULATING BLOCK
14	416122101	SET SCREW (M4x6 C)
15	68013931	FEED ROCK SHAFT
16	68013931	FEED DOG SUPPORTER
17	416192101	FEED DOG SHAFT
18		
19		
20		
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24	68003195	FEED DOG
25		
26		
27		
28		
29		
30	416192801	FEED CRANK SHAFT
31	416683801	BELT ADJUSTING PLATE
32	416683901	BELT ADJUSTING PLATE PULLEY
33	416116101	E-RING (ETW-4)
34	416121601	SET SCREW (M4x12 B)

L

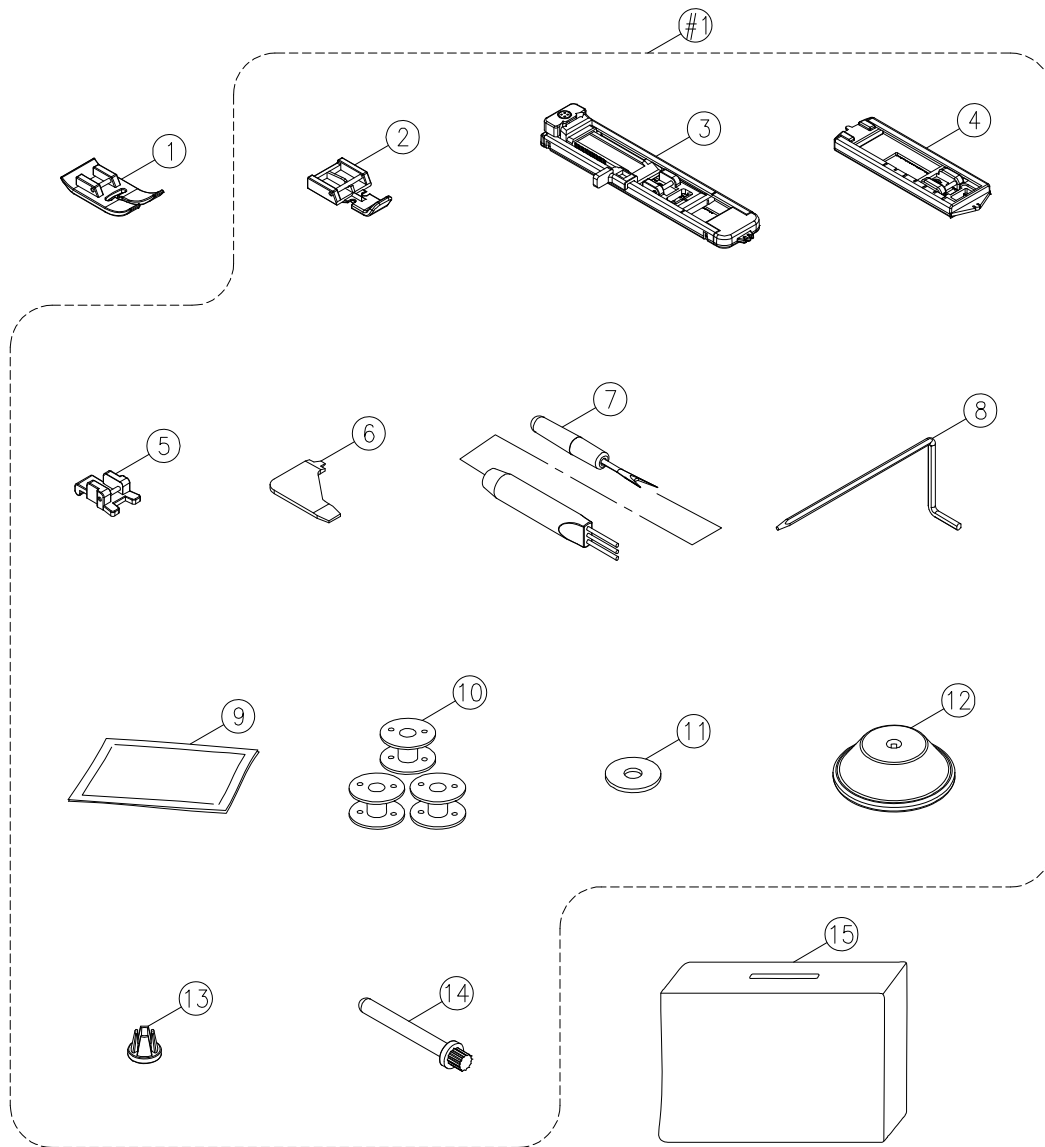


POS.	PART NO.	DESCRIPTION
#1	68013854	ROTARY HOOK HOLDER CPL.
1	416731301	LOWER SHAFT
2	68003196	FEED ROCK CAM
3	416122401	SET SCREW (M4x4 C)
4	68013976	LOWER SHAFT GEAR
5	416121001	SET SCREW (M4x5 C)
6	416191401	LOWER SHAFT SPRING
7	416191201	FEED LIFTING ROCK CAM
8	416158801	LOWER SHAFT COLLAR
9	416125801	ENDURE ATTRITION WASHER
10	416141701	LOWER SHAFT BUSHING
11	416186501	WASHER (8.2x12x0.5)
12	416116401	E-RING (ETW-6)
13	416191301	FEED LIFTING ROCK COM PIN
14	270 H1A0463000	LOWER SHAFT BELT PULLEY
15	270 004250203	SET SCREW (M5x5 C)
16	416549701	C-RING (7.9x11.9 t1.9)
17		
18		
19		
20		
21		
22		
23		
24	416679501	SET SCREW (M4x8)
25	416479801	SHUTTLE HOOK HOLDER
26		
27		
28		
29		
30		
31	416404601	FELT SEAL (12.7x18.7 t=3.5)
32	416549801	FELT SEAL (7.5x13.5 t=3.5)
33	416122101	SET SCREW (M4x6 C)
34	68013850	ENDURE ATTRITION WASHER (6.2x9.6x0.25)

L



POS.	PART NO.	DESCRIPTION
#1	68016389	MOTOR ELECTRIC WIRE CPL. FOR 120V / US
#1	68016392	MOTOR ELECTRIC WIRE CPL. FOR 230V / E.U.R
#2	68017064	MOTOR CPL. FOR 120V / US
#2	68017066	MOTOR CPL. FOR 230V / E.U.R
1	416593001	MOTOR FOR 120V / US
2	416467901	MOTOR FOR 230V / E.U.R
3	416603701	MOTOR BRACKET
4	416528501	NUT (M4 t=5.5) FOR 100~120V
5	416521501	SET SCREW (M4x10.2) FOR 220~240V
6	416129401	CUSHION RUBBER
7	416468001	BELT WHEEL
8	416114501	MOTOR FEED REGULATOR COLLAR
9	416116001	E-RING (ETW-3)
10	68013176	SET SCREW (M5x12)
11	416113901	CORD CLIP
12	416686701	SET SCREW (M3x5)
13	68017600	RECEPTACLE HOLDER
14	416732501	LED HOLDER CPL. FOR 120V
14	68015443	LED HOLDER CPL. FOR 220V~240V
15	416184701	RECEPTACLE
16	416133001	END TERMED
17	68013175	CONDENSER FOR 220V-240V
18	416528701	NUT (M3x4)
19	416183601	CONCERT INSULATION PLATE
20	68013906	INSULATING SLICE FOR 120V / US
21	68013231	WASHER
22	68013281	SET SCREW (M3x25 B)
23	416185401	SET SCREW (M4x10 A)
24	68017467	RECEPTACLE HOLDER COVER FOR 220V~240V
25	270 004230336	SET SCREW (M3x0.5x10 B) FOR 220V~240V
26	416732701	FOOT CONTROLLER BAG CPL. FOR 120V / US
26	68001147	FOOT CONTROLLER BAG CPL. FOR 230V / E.U.R



POS.	PART NO.	DESCRIPTION
#1	68016393	ACCESSORY CPL. FOR 4432/4423
#1	68016394	ACCESSORY CPL. FOR 4411
1	416187101	ALL PURPOSE FOOT (C)
2	416128701	ZIPPER FOOT (I)
3	68003698	BUTTONHOLE FOOT FOR 4432/4423
4	416128901	BUTTONHOLE FOOT FOR 4411
5	416284501	BUTTON SEWING FOOT
6	68000177	L-SCREWDRIVER
7	416127701	SEAM RIPPER/ BRUSH
8	416127101	EDGE/ QUILTING GUIDE
9		PACK OF NEEDLES
10	68000175	BOBBIN
11	416127301	SPOOL PIN FELT
12	416500701	SPOOL HOLDER (LARGE)
13	416500801	SPOOL HOLDER (SMALL)
14	270 R60033210	SECOND SPOOL PIN
15	68015375	SOFT COVER