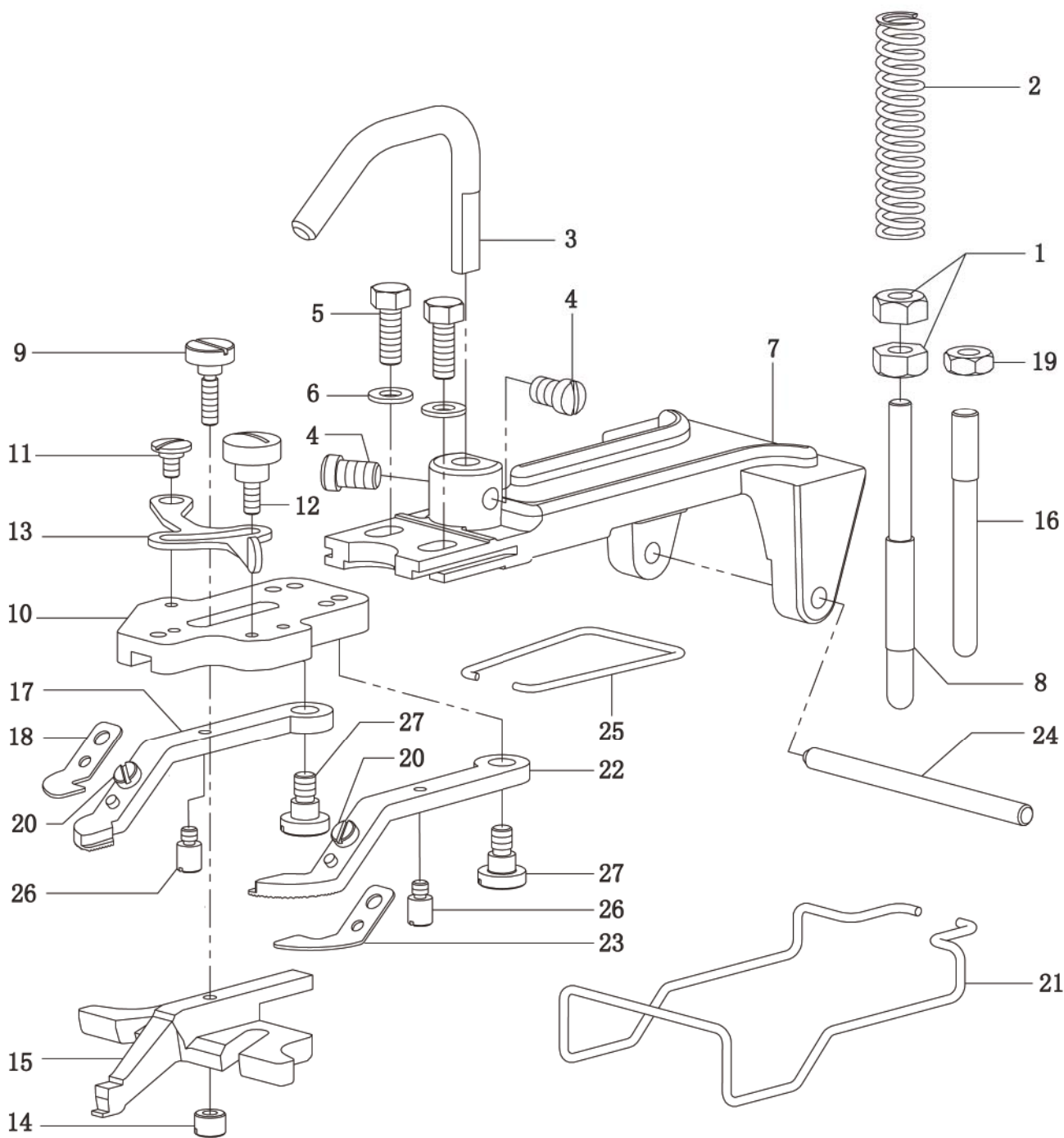
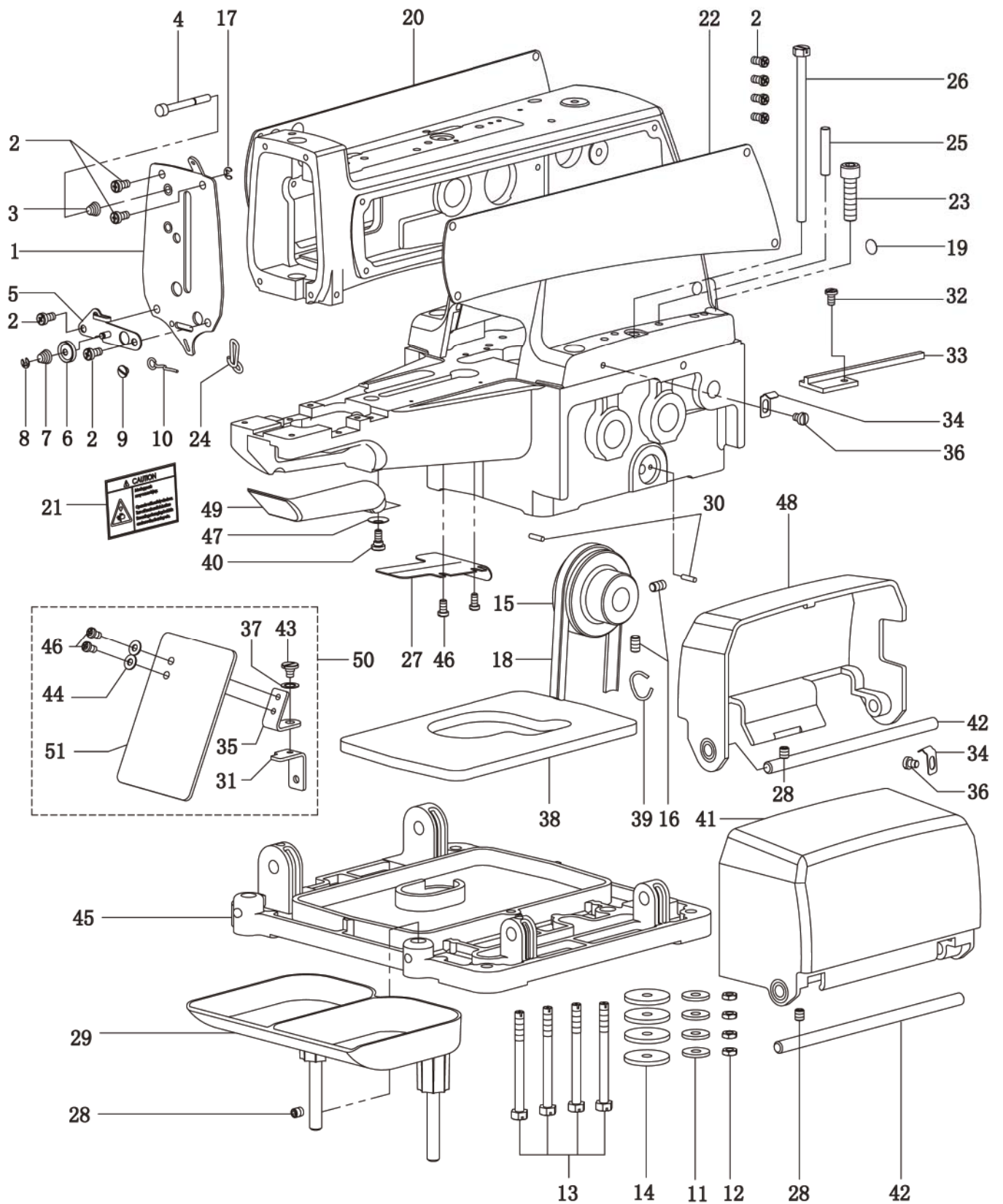


1.BUTTON CLAMP MECHANISM COMPONENTS



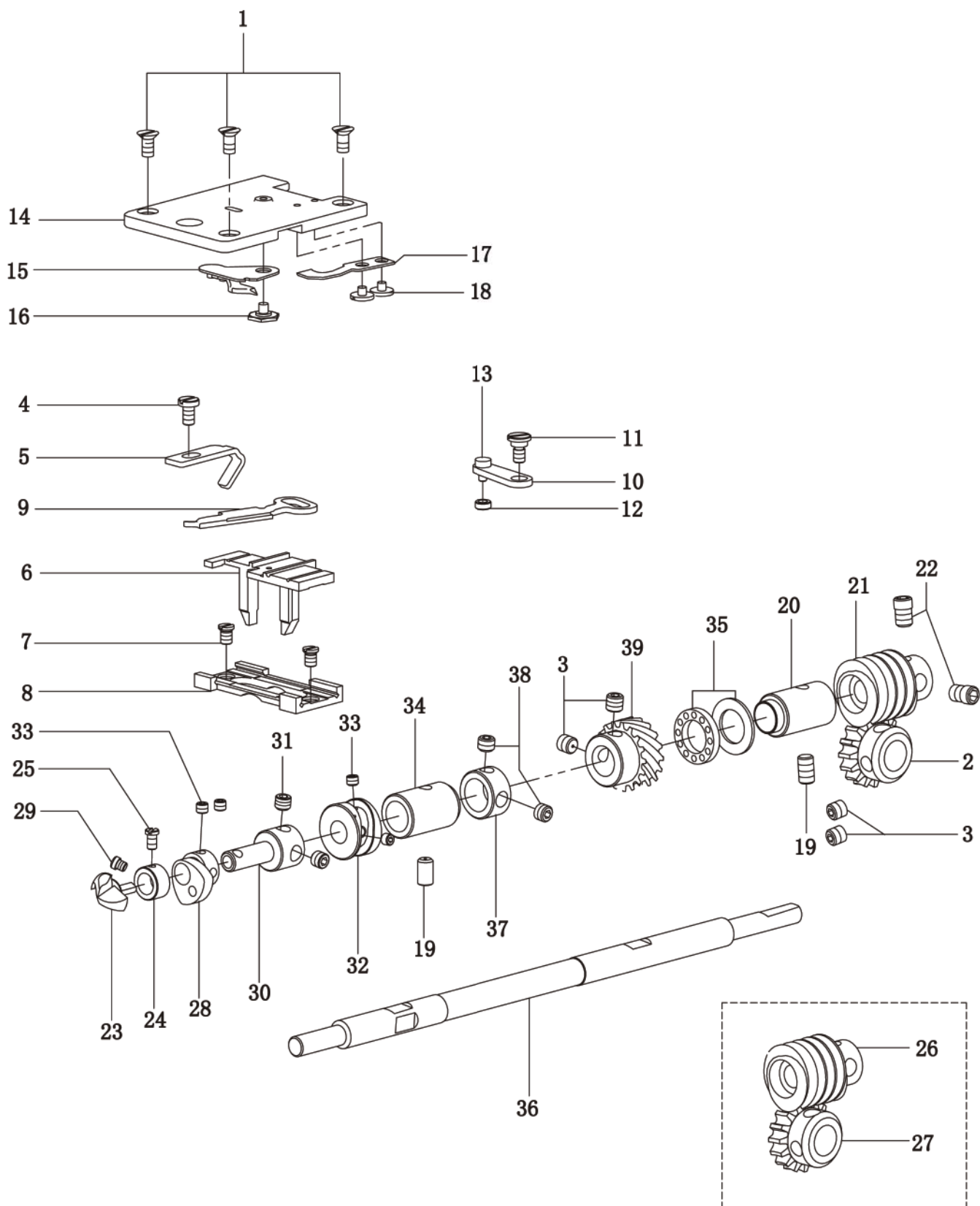
REF NO.	PART NO.	DESCRIPTION	Qty
1	301010	NUT 1/4"-40 W=5X11	2
2	301020	PRESSURE ADJUSTING SPRING	1
3	301030	BUTTON CLAMP LIFTING ROD	1
4	301041	SCREW 15/64"-28 L=9 D=8X3.5	2
5	301051	SCREW 3/16"-32 L=13.5 T=8X4	2
6	301060	WASHER 5X10X1	2
7	301070	BUTTON CLAMP HOLDER	1
8	301081	BUTTON CLAMP PRESSURE ADJUSTING	1
9	301091	HINGE SCREW ϕ =5.4 H=3 T=11X3.5C	1
10	301100	JAW LEVER HOLDER	1
11	301111	HINGE SCREW ϕ =5.5 H=1.7 D=9X1.5C	1
12	301121	CLAMP SCREW A	1
13	301130	SNAP FASTENER CLAMP STOP LEVER	1
14	301140	NUT	1
15	301150	BUTTON CLAMP SLIDE	1
16	301161	PICK-UP DEVICE STOPPER PIN	1
17	301170	BUTTON CLAMP LEVER JAW (LEFT)	1
18	301180	BUTTON HOLDING SPRING, LEFT	1
19	301190	NUT 15/64"-28 W=4X10	1
20	301201	SCREW 9/64"-40 L=3.6 D=6X2.5	2
21	301210	FINGER GUARD	1
22	301220	BUTTON CLAMP LEVER JAW RIGHT	1
23	301230	BUTTON HOLDING SPRING, RIGHT	1
24	301240	HINGE PIN	1
25	301250	BUTTON CLAMP SPRING	1
26	301261	BUTTON CLAMP STOP PIN	2
27	301271	HINGE SCREW ϕ =6.35 H=3.9 T=11X3A	2

2.ARM & MISCELLANEOUS COVERS COMPONENTS



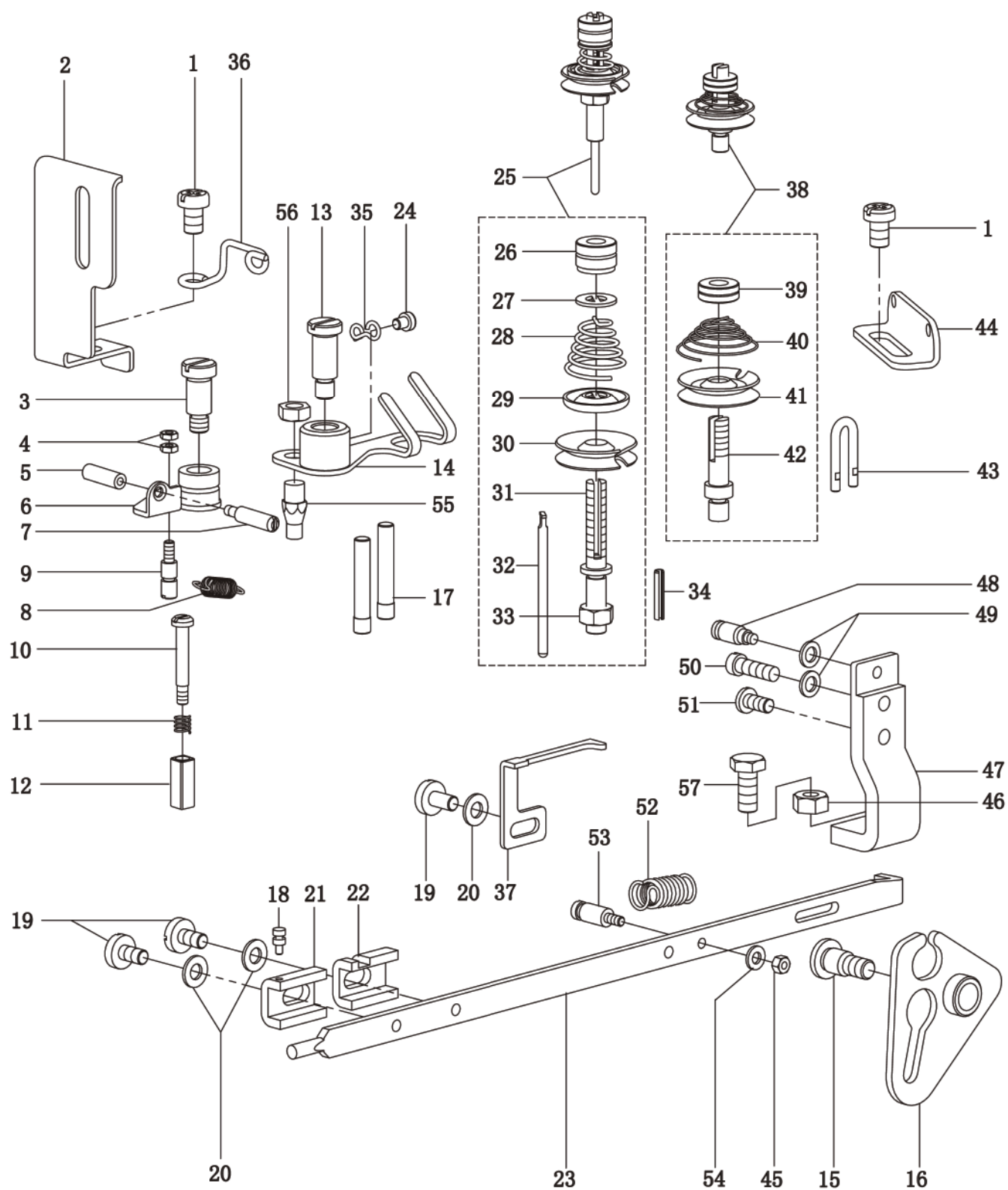
REF NO.	PRAT NO.	DESCRIPTION	Qty
1	302010	FACE PLATE	1
2	302021	SCREW 3/16"-28 L=9 D=8x3	12
3	302030	TENSION SPRING	1
4	302040	NIPPER RELEASING STUD	1
5	302050	THREAD TENSION GUIDE NO. 3 ASM.	1
6	302060	THREAD TENSION DISC NO. 3	2
7	302070	THREAD TENSION SPRING NO. 3	1
8	302080	E-RING 3	1
9	302091	SCREW 11/64"-40 L=3.2 D=8X1.5	1
10	302100	THREAD GUIDE NO. 4	1
11	302110	WASHER	4
12	302120	NUT 15/64"-28 W=3X9	4
13	302131	LONGER SCREW 15/64"-28 L=68 T=10X5	4
14	302143	WASHER	4
15	302150	NEEDLE DRIVING PULLEY	1
16	302161	SCREW 15/64"-28 L=10	2
17	302170	E-RING BW=3	1
18	302180	BELT	1
19	302190	GROUND MARK	1
20	302200	SIDE PLATE, LEFT	1
21	302210	SAFETY LABEL 12	1
22	302220	SIDE PLATE, RIGHT	1
23	302231	SCREW M8 L=24	4
24	302240	STOPPER	1
25	302250	GUIDE PIN	2
26	302261	SET SCREW	1
27	302270	BED OIL SHIELD	1
28	302281	SCREW 15/64"-28 L=7	4
29	302290	BUTTON TRAY ASM.	1
30	302300	CAM INDICATING PIN	2
31	302310	SAFETY PLATE INSTALLING BASE	1
32	302321	SCREW 11/64"-40 L=8 D=8X3	1
33	302330	OIL SUPPLY FELT	1
34	302340	SIDE COVER SPRING	2
35	302350	SAFETY PLATE INSTALLING PLATE	1
36	302361	SCREW 3/16"-28 L=6 D=8X3	3
37	302370	WASHER 7.4X11.8X0.5	1
38	302380	OIL DRIP FELT (A) 7MM	1
39	302390	C SHAPED HOOK	1
40	302401	HINGE SCREW $\phi=6$ H=2.7 T=9X2.5C	1
41	302410	SIDE COVER, RIGHT	1
42	302420	SIDE COVER HINGE	2
43	302431	HINGE SCREW $\phi=6$ H=2.5 T=11X2C	1
44	302440	WASHER 4.5X10X0.8	2
45	302450	MACHINE SUB-BASE	1
46	302461	SCREW 11/64"-40 L=7 D=7X2.5	4
47	302470	SPRING WASHER 4.5X10X0.8	1
48	302480	SIDE COVER, LEFT	1
49	302490	LOOPER COVER	1
50	302500	SAFETY PLATE ASM.	1
51	302510	SAFETY PLATE	1

3.LOOPER SHAFT MECHANISM COMPONENTS



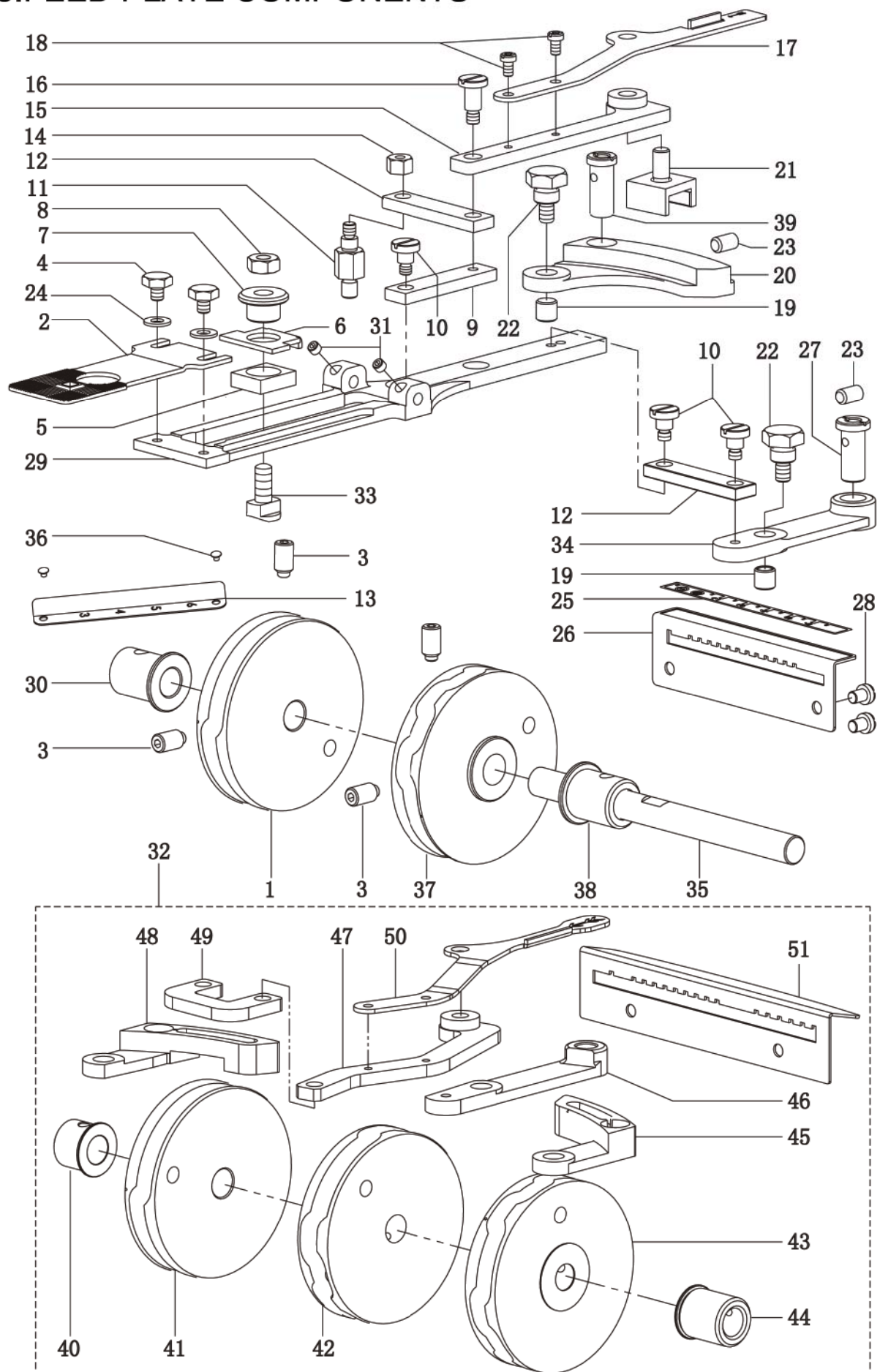
REF NO.	PART NO.	DESCRIPTION	Qty
1	303011	SCREW 11/64"-40 L=9 T=7.3	3
2	303020	CAM SHAFT DRIVEN GEAR	1
3	303031	SCREW 1/4"-40 L=6	4
4	303041	SCREW 11/64"-40 L=8 T=8X2	1
5	303050	NEEDLE GUARD	1
6	303060	POSITIONING FINGER YOKE SLIDE	1
7	303071	SCREW 11/64"-40 L=7 T=6	2
8	303080	YOKE SLIDE INSERT	1
9	303090	YOKE SLIDE	1
10	303100	LOOP POSITIONING FINGER LEVER $\phi=3X6.5M$ W=2.6	1
11	303111	HINGE SCREW $\phi=6.35$ H=2.4 T=9X1.5A	1
12	303120	LOOP POSITIONING FINGER LEVER	1
13	303130	PIN	1
14	303140	THROAT PLATE	1
15	303150	MOVING KNIFE ASM.	1
16	303161	HINGE SCREW $\phi=6$ H=0.85 T=11X1.3A	1
17	303170	COUNTER KNIFE	1
18	303181	SCREW 1/8"-44 L=3.0 D=9X1.2	2
19	302161	SCREW 15/64"-28 L=10	2
20	303200	LOOPER SHAFT BUSHING, REAR	1
21	303210	DRIVEN WORM GEAR	1
22	303221	SCREW 1/4"-40 L=7.0 TU=7X4	2
23	303230	LOOPER	1
24	303240	THRUST COLLAR $\phi=7.94X13$ W=7	1
25	303251	SCREW 9/64"-40 L=5.5 T=5.2X2.5	1
26	303260	DRIVEN WORM GEAR 378	1
27	303270	CAM SHAFT DRIVEN GEAR 378	1
28	303280	LOOP POSITIONING FINGER CAM	1
29	303291	SCREW 9/64"-40 L=3 T=5.2X2.5	1
30	303300	CAM & LOOPER SLEEVE	1
31	303311	SCREW 15/64"-28 L=4.0	2
32	303320	LOOP POSITIONING FINGER CAM RE	1
33	303331	SCREW 11/64"-40 L=3.5	4
34	303340	LOOPER SHAFT BUSHING, FRONT	1
35	303352	THRUST BALL BEARING	1
36	303360	LOOPER SHAFT	1
37	303370	THRUST COLLAR $\phi=11.11X19$ W=10L	1
38	303381	SCREW 1/4"-40 L=5	2
39	303390	LOOPER SHAFT DRIVEN GEAR ASM.	1

4.NIPPER & THREAD TENSION PARTS COMPONENTS



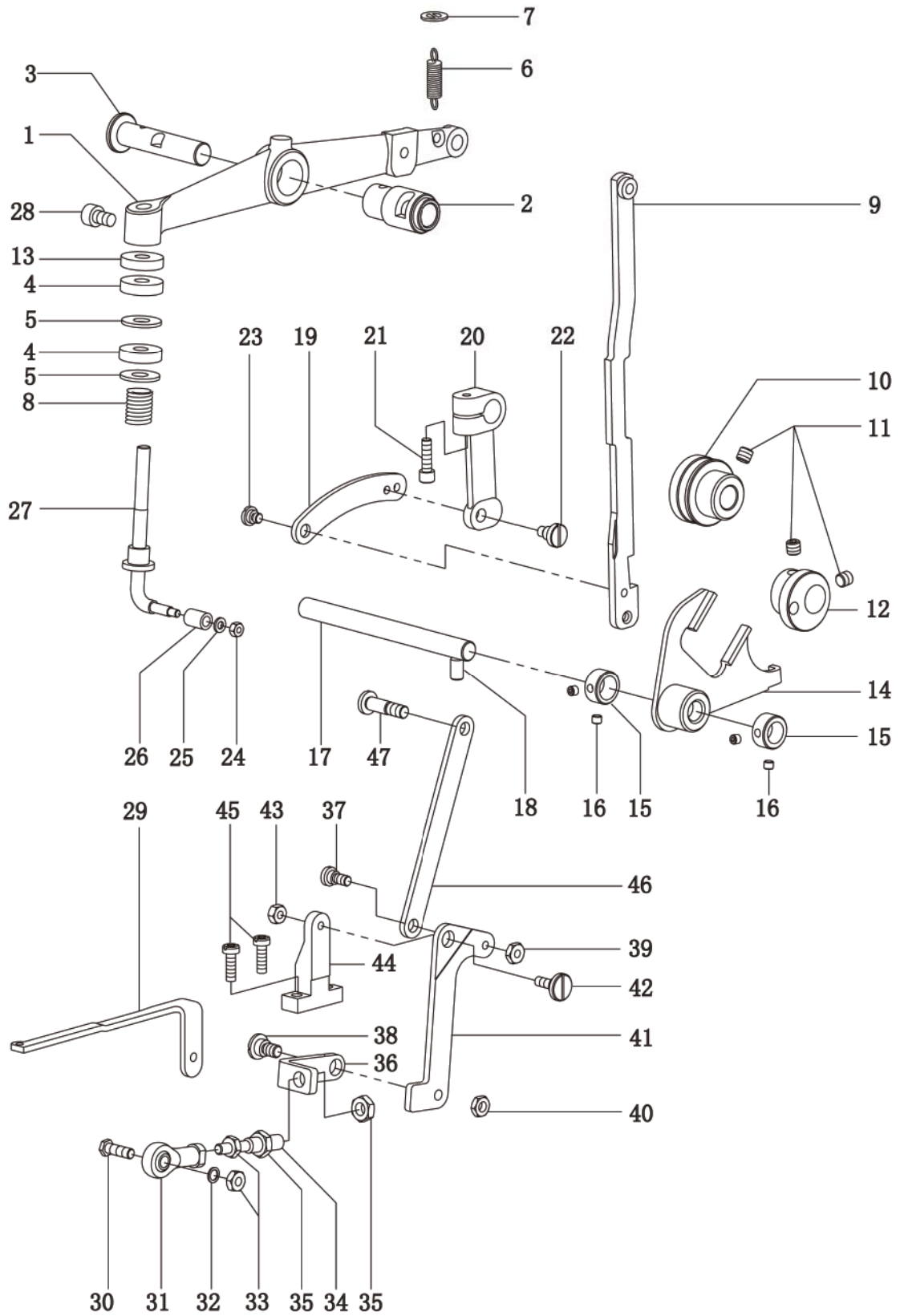
REF NO.	PART NO.	DESCRIPTION	Qty
1	304011	SCREW 15/64"-28 L=9 D=10X4	1
2	304020	NEEDLE BAR GUARD	1
3	304031	HINGE SCREW $\phi=7.94$ H=12.7 T=11X4B	1
4	304040	NUT 1/8"-44 W=2X5	2
5	304050	NUT	1
6	304060	NIPPER COMPL.	1
7	304071	THREAD RELEASING SCREW STUD	1
8	304080	NIPPER BAR BLOCK SPRING	1
9	304091	NIPPER BAR BLOCK SPRING SCREW	1
10	304101	HINGE SCREW $\phi=4$ H=20 T=7X2.5B	1
11	304110	NIPPER BLOCK SPRING	1
12	304120	NIPPER BLOCK	1
13	304131	HINGE SCREW $\phi=7.94$ H=15 T=11X3B	1
14	304140	THREAD PULL-OFF LEVER ASM.	1
15	304151	HINGE SCREW $\phi=7.94$ H=8.0 T=13X3A	1
16	304160	NIPPER BAR ACTUATING LEVER ASM.	1
17	304170	THREAD GUIDE PIN	2
18	304180	NIPPER BAR BLOCK SPRING PIN	1
19	304191	SCREW 3/16"-28 L=9 T=11X3.5	4
20	301060	WASHER 5X10X1	2
21	304210	NIPPER BAR BLOCK	1
22	304220	TENSION LEVER ROCKING PIECE	1
23	304230	NIPPER BAR	1
24	304241	SCREW 9/64"-40 L=4 D=6X2.5	1
25	304250	TENSION POST ASM., NO. 2	1
26	304260	TENSION NUT	1
27	304270	ROTATION STOPPER	1
28	304280	THREAD TENSION SPRING NO. 2	1
29	304290	TENSION DISC HOLDER	1
30	304300	TENSION DISC	2
31	304310	TENSION POST NO. 2	1
32	304320	TENSION RELEASE PIN	1
33	304330	NUT 1/4"-24 W=5X10	1
34	304340	SPRING PIN 3X16	1
35	304350	THREAD GUIDE	1
36	304360	THREAD GUIDE NO. 2	1
37	304370	THREAD TENSION RELEASING LEVER	1
38	304380	THREAD TENSION ASM. (NO. 1)	1
39	304390	THREAD TENSION NUT	1
40	304400	TENSION SPRING NO. 1	1
41	304410	TENSION DISC	2
42	304420	THREAD TENSION STAFF NO. 1	1
43	304430	THREAD GUIDE	1
44	304440	THREAD GUIDE NO. 1	1
45	304450	NUT 1/8"-44 W=3X5	1
46	304460	NUT M6 W=5X10	1
47	304470	NIPPER BAR BEARING BLOCK	1
48	304481	ADJUSTING SCREW	1
49	304490	WASHER 4.8X8.4X0.8	2
50	304501	SCREW 3/16"-28 L=15.5 T=7X3.5	1
51	304511	SCREW 3/16"-28 L=9.5 T=8.5X2	1
52	304520	THREAD TENSION SPRING	1
53	304531	NIPPER BAR SPRING SCREW	1
54	304540	WASHER 3.7X8X1	1
55	304551	SCREW	1
56	304560	NUT 1/4"-40 W=4X9	1
57	304571	SCREW M6 L=14 T=10X3.5	1

5.FEED PLATE COMPONENTS



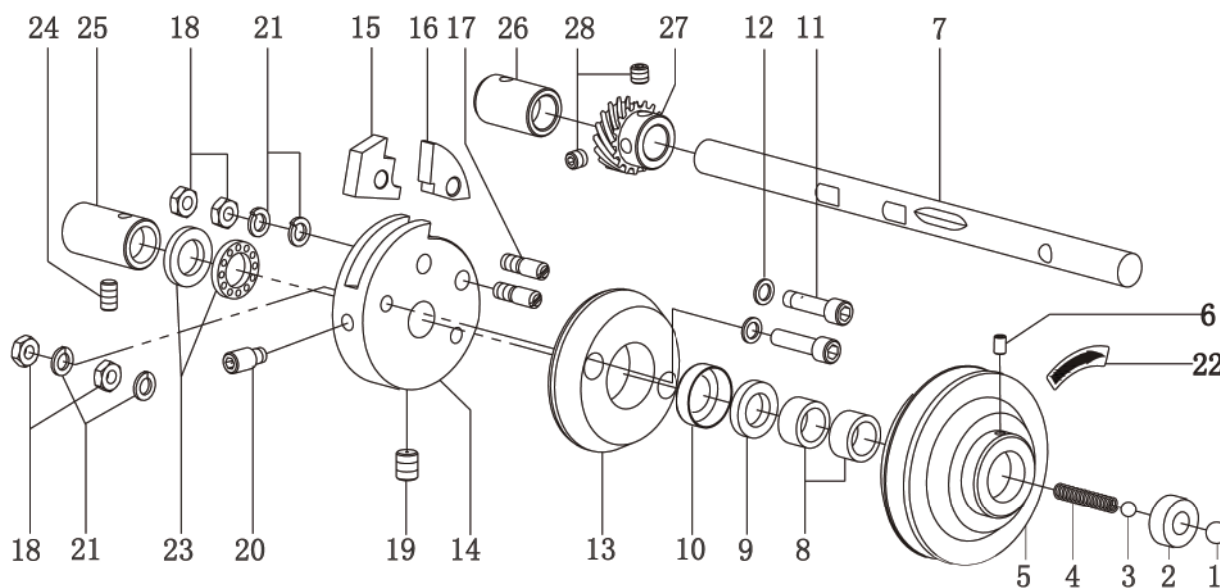
REF NO.	PART NO.	DESCRIPTION	Qty
1	305010	LONGITUDINAL FEED CAM	1
2	305020	FEED PLATE, SMALL BUTTON	1
3	305031	SCREW 9/32"-28 L=13.5	4
4	305041	SCREW 3/16"-28 L=6 T=10X3.5	2
5	305050	INDICATOR PIN BEARING BLACK	1
6	305060	CROSSWISE FEED INDICATOR	1
7	305070	CROSSWISE FEED INDICATOR PIN	1
8	305080	NUT 1/4"-24 W=5X11	1
9	305090	SLIDE PLATE CONNECTING LINK A	1
10	305101	HINGE SCREW ϕ =6.35 H=4.8 T=11X3A	3
11	305111	STUD	1
12	305120	INTERMEDI CONNECTING LINK	2
13	305130	CROSSWISE FEED CRADVATED PLATE	1
14	305140	NUT 3/16"-28 W=4X7	1
15	305150	INDICATOR SPRING CONNECTING LI	1
16	305161	HINGE SCREW ϕ =6.35 H=9.6 T=11X2.5A	1
17	305170	HANDLE & INDICATOR SPRING	1
18	305181	SCREW 9/64"-40 L=6 D=6X2.5	2
19	305190	CAM ROLL ϕ 5.5X7.94M W=7.5	2
20	305200	LENGTHWISE FEED LEVER ASM.	1
21	305210	LENGTHWISE FEED LEVER SLIDE BL	1
22	305221	CAM ROLL SCREW STUD	2
23	302161	SCREW 15/64"-28 L=10	2
24	305240	SPACER	2
25	305250	LENGTHWISE FEED GRADUATE PLATE	1
26	305260	PLATE BASE	1
27	305270	FEED STUD	1
28	302361	SCREW 3/16"-28 L=6 D=8X3	2
29	305290	FEED PLATE	1
30	305300	CAM SHAFT BUSHING. LIEFT	1
31	303331	SCREW 11/64"-40 L=3.5	2
32	305320	2377 PARTS	
33	305330	HINGE SCREW FOR CROSSWISE FEED	1
34	305340	CROSSWISE FEED LEVER	1
35	305350	CAM SHAFT	1
36	305360	RIVET	2
37	305370	LATERAL FEED CAM	1
38	305380	CAM SHAFT BUSHING, RIGHT	1
39	305390	FEED STUD	1
40	305400	CAM SHAFT BUSHING. LIFT	1
41	305410	LONGITUDINAL FEED CAM	1
42	305420	LATERAL FEED CAM	1
43	305430	LATERAL FEED CAM	1
44	305440	CAM SHAFT BUSHING, RIGHT	1
45	305450	LENGTHWISE FEED LEVER ASM. RIGHT	1
46	305460	CROSSWISE FEED LEVER	1
47	305470	INDICATOR SPRING CONNECTING LI	1
48	305480	LENGTHWISE FEED LEVER ASM. LEFT	1
49	305490	INTERMEDI CONNECTING LINK	2
50	304500	HANDLE & INDICATOR SPRING	1
51	304510	PLATE BASE	1

6.BUTTON CLAMP LIFTER COMPONENTS



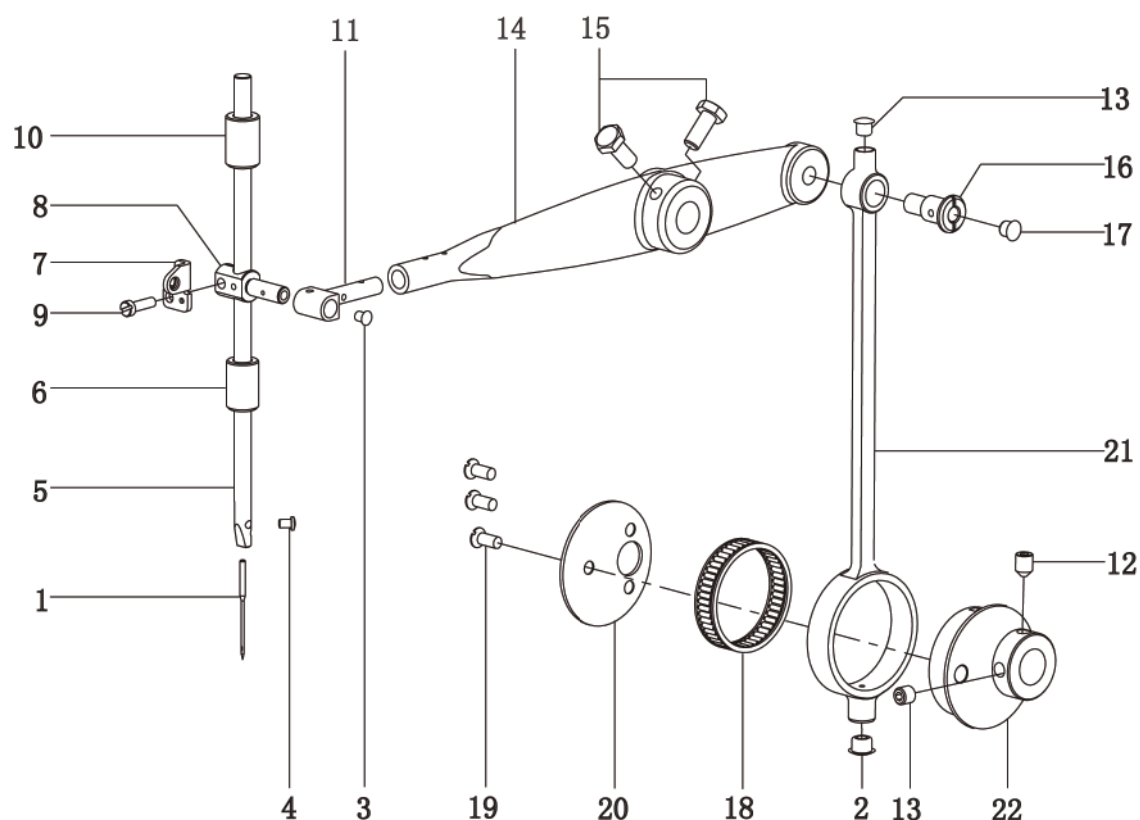
REF NO.	PART NO.	DESCRIPTION	Qty
1	306010	LIFTING LEVER	1
2	306020	BUSHING	1
3	306030	LIFTING LEVER SHAFT	1
4	306043	WASHER 7X20X5	1
5	306050	WASHER 7X20X1.5	1
6	306060	NIPPER BAR ACTUATING LEVER SPR	1
7	306070	WASHER	1
8	306080	SAFETY MAGNET	1
9	306090	BUTTON CLAMP LIFTING LINK	1
10	306100	SLIDING ROLLER	1
11	303031	SCREW 1/4"-40 L=6	3
12	306120	ECCENTRIC CAM ASM.	1
13	306130	WASHER 7X20X4.5	1
14	306140	BUTTON CLAMP LIFING LINK	1
15	306150	THRUST COLLAR ϕ =9.52X16 W=8L	2
16	303331	SCREW 11/64"-40 L=3.5	4
17	306170	LEVER SHAFT	1
18	302161	SCREW 15/64"-28 L=10	1
19	306190	LIFTING LINK CONNECTING LINK	1
20	306200	LIFTING PLATEGUIDE ROD	1
21	306211	SCREW 3/16"-28 L=15.0 TU=7.4X5	1
22	306221	HINGE SCREW ϕ =6.35 H=4.9 T=11X3B	1
23	306231	HINGE SCREW ϕ =6.35 H=2.0 T=9X2B	1
24	306240	LIFTING BAR ASM.	2
25	304540	WASHER 3.7X8X1	1
26	306260	BUTTON CLAMP LIFTING ROD ROLL ϕ 5X7.94M W=11	1
27	306270	BUTTON CLAMP LIFTING ROD COMPL	1
28	306281	SCREW M=6 L=10	1
29	306290	CONNECTING LINK, FRONT	1
30	306301	JOINT STUD	1
31	306312	FEED ADJUSTING JOINT	1
32	306320	WASHER 5.1X7.5X0.5	1
33	306330	NUT M5 W=3.5X9	2
34	306341	CONNECTING SCREW	1
35	306350	NUT 9/32"-28 W=4X11	2
36	306360	CONNECTING LINK, REAR	1
37	306371	HINGE SCREW ϕ =6.35 H=3.1 T=9X2.5B	1
38	306381	HINGE SCREW ϕ =7.94 H=4 T=12X2B	1
39	306390	NUT 3/16"-32 W=3X9	1
40	302120	NUT 15/64"-28 W=3X9	1
41	306410	THREAD TRIMMING LEVER	1
42	306421	HINGE SCREW ϕ =7.94 H=3.1 T=13X2.5A	1
43	306430	NUT 11/64"-40 W=4X8	1
44	306440	THREAD TRIM LEVER BASE	1
45	306451	SCREW 11/64"-40 L=14 D=7X2.5	2
46	306460	THREAD TRIMMING LINK	1
47	306471	HINGE SCREW ϕ =6.35 H=13.2 T=11X2.5B	1

7.NEEDLE DRIVING PULLEY SHAFT COMPONENTS



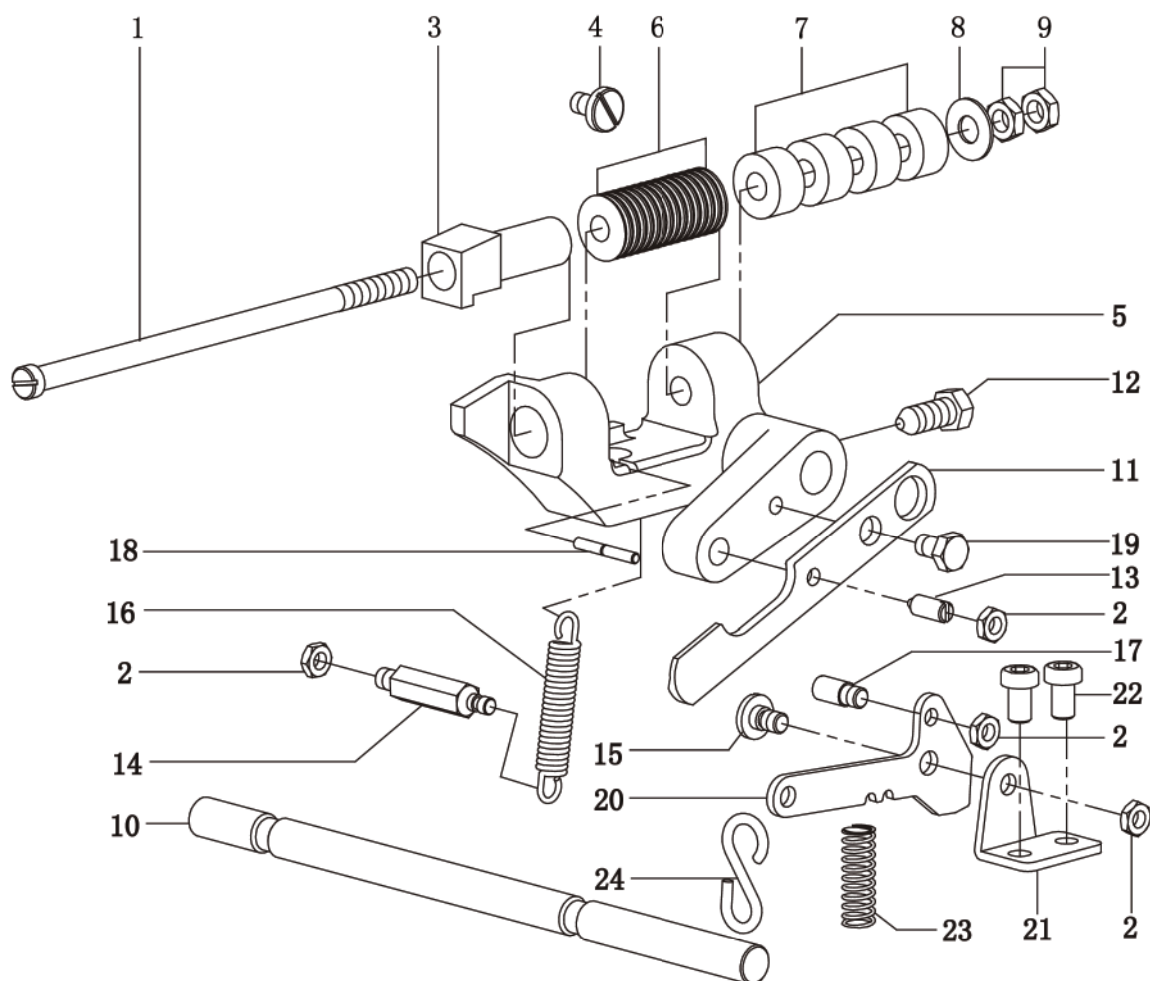
REF NO.	PART NO.	DESCRIPTION	Qty
1	307012	BALL LARGE 7.94	1
2	307022	PULLEY INSERT	1
3	307030	BALL SMALL 5.55	1
4	307040	SPRING	1
5	307050	NEEDLE DRIVING PULLEY	1
6	307061	SCREW 11/64"-40 L=5	1
7	307070	NEEDLE DRIVING PULLEY SHAFT	1
8	307082	NEEDLE BEARING	2
9	307090	GREASE RETAINING WICK	1
10	307100	RETAING WASHER	1
11	307111	SCREW 15/64"-28 L=23.5 TU=9X6.5	2
12	307120	WASHER 6.2X9.5X1	2
13	307130	NEEDLE DRIVING PULLEY CLUTCH D	1
14	307140	STOP MOTTON DISC	1
15	307150	STOP MOTION DISC PAWL (A)	1
16	307160	STOP MOTION DISC LATCH (B)	1
17	307171	SCREW	2
18	301190	NUT 15/64"-28 W=4X10	4
19	307191	SCREW 5/16"-24 L=10.0	1
20	307201	SCREW 5/16"-24 L=17.0H	1
21	307210	SPRING WASHER 6.5X11X1.3	4
22	307220	DIRECTION LABEL	1
23	307232	THRUST BALL BERING	1
24	302161	SCREW 15/64"-28 L=10	1
25	307250	PULLEY SHAFT BUSHING, RIGHT	1
26	307260	PULLEY SHAFT BUSHING, LEFT	1
27	307270	DRIVING GEAR ASM.	1
28	303031	SCREW 1/4"-40 L=6	2

8.NEEDLE BAR DRIVING MECHANISM COMPONENTS



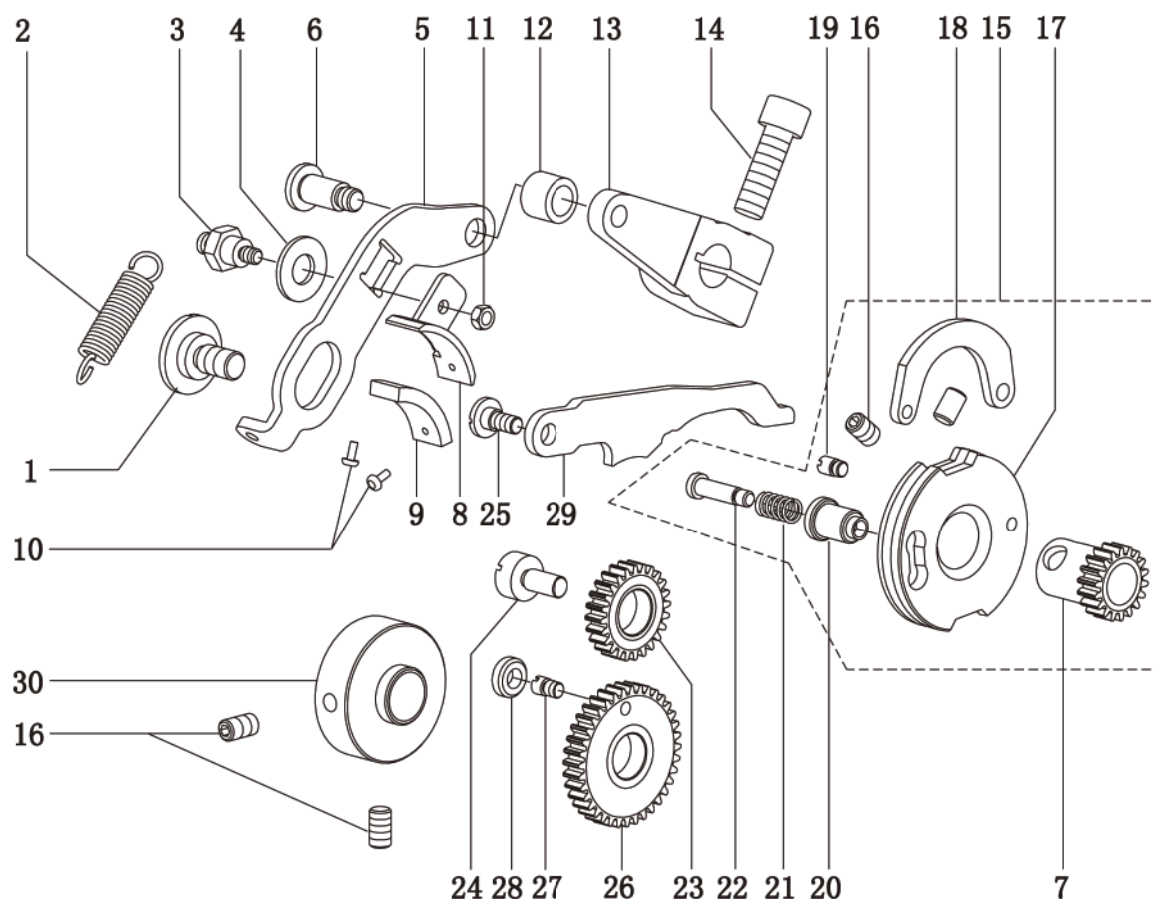
REF NO.	PART NO.	DESCRIPTION	Qty
1	308010	NEEDLE TQX7	1
2	308020	OIL WICK	1
3	308030	OIL WICK	1
4	308041	SCREW 1/8"-44 L=5 T=5X2	1
5	308050	NEEDLE BAR	1
6	308060	NEEDLE BAR BUSHING LOWER	1
7	308070	NEEDLE BAR BLANCE	1
8	308080	NEEDLE BAR CLAMP	1
9	308091	SCREW 9/64"-40 L=12 T=6X2.5	1
10	308100	NEEDLE BAR BUSHING, UPPER	1
11	308110	NEEDLE BAR BEARING BLOCK	1
12	308121	SCREW 1/4"-40 L=9A	1
13	303031	SCREW 1/4"-40 L=6	1
14	308140	NEEDLE BAR ROCKING PIPE	1
15	304571	SCREW M6 L=14 T=10X3.5	2
16	308161	HINGE SCREW ϕ =9.53 H=11 T=14X2A	1
17	308173	OIL WICK	2
18	308182	NEEDLE BEARING	1
19	303011	SCREW 11/64"-40 L=9 T=7.3	3
20	308200	THRUST HOLDER	1
21	308210	CRANK ROD	1
22	308220	ECCENTRIC CAM	1

9.STOP MOTION MECHNISM COMPONENTS



REF NO.	PART NO.	DESCRIPTION	Qty
1	309011	STOP MOTION PLUNGER ROD	1
2	302120	NUT 15/64"-28 W=3X9	4
3	309030	STOP MOTION PLUNGER	1
4	309041	SCREW 15/64"-28 L=10 T=12.7X10	1
5	309050	STOP MOTION PLUNGER LEVER	1
6	309060	STOPMOTION DISC SPRING	30
7	309073	RUBBER CUSHION	4
8	309080	WASHER 8X18X1	1
9	306350	NUT 9/32"-28 W=4X11	2
10	309100	STOP-MOTION SHAFT	1
11	309110	STOP MOTION DISC PRESSURE LEVE	1
12	309121	SCREW 5/16"-18 L=19 T=11X5A	1
13	309131	SCREW 15/64"-28 L=18.0A	1
14	309141	SCREW STUD	1
15	309151	HINGE SCREW $\varnothing=6.80$ H=2.7 T=13X3C	1
16	309160	STOP MOTION LEVER SPRING	1
17	309171	STOP SCREW	1
18	309180	STOP MOTION LEVER SPRING PIN	1
19	309191	SCREW M6 L=10 T=10X5	1
20	309200	STOP MOTION TRIP LEVER	1
21	309210	STOP MOTION TRIP LEVER BRACKET	1
22	309221	SCREW 15/64"-28 L=8	2
23	309230	SPRING	1
24	309240	S SHAPED HOOK	1

10.STITCH SELECTING PARTS COMPONENTS



REF NO.	PART NO.	DESCRIPTION	Qty
1	310011	HINGE SCREW $\phi=12.70$ H=3.2 D=22X3C	1
2	310020	SPRING FOR FRICTION PLATE	1
3	310031	FRICTION PLSTE ROTATING SHAFT	1
4	310040	WASHER 8.5X18X1.5	1
5	310050	SPEED SOLWING LEVER	1
6	310061	HINGE SCREW $\phi=7.94$ H=13.3 T=13X3B	1
7	310070	STOP MOTION CAM GEAR	1
8	310080	FRICTION PLATE KOLDER	1
9	310090	SPEED SLOWING FRICTION PLATE	1
10	310100	POSITIONING PIN	2
11	310110	NUT 11/64"-40 W=3X6	1
12	310120	STOP MOTION TRIPPING LEVER CAM $\phi=7.94$ X12.7M W=10.2	1
13	310130	STOP MOTION TRIPPING LEVER ASM	1
14	302231	SCREW M8 L=24	1
15	310150	STOP MOTION CAM ASM.	1
16	302161	SCREW 15/64"-28 L=10	4
17	310170	STOP MOTION CAM SHOE	1
18	310180	STOP MOTION CAM SHOE	1
19	310191	SCREW FOR STOP MOTION CAM SHOE	1
20	310200	STOP MOTION CAM KNOB	1
21	310210	SPRING	1
22	310221	HINGE SCREW $\phi=4.8$ H=14.5 D=7X2.5B	1
23	310230	STITCH SELECTING SPUR GEAR, MI	1
24	310241	INTERMEDIATE GEAR SHAFT	1
25	310251	HINGE SCREW $\phi=6$ H=3.2 T=11X2C	1
26	310260	GEAR, LARGE	1
27	310271	SCREW	1
28	310280	ROLL $\phi=4.90$ X11M W=3.5	1
29	310290	STITCH ADJUSTING LEER	1
30	310300	SPEED SLOWING FRICTION WHEEL	1