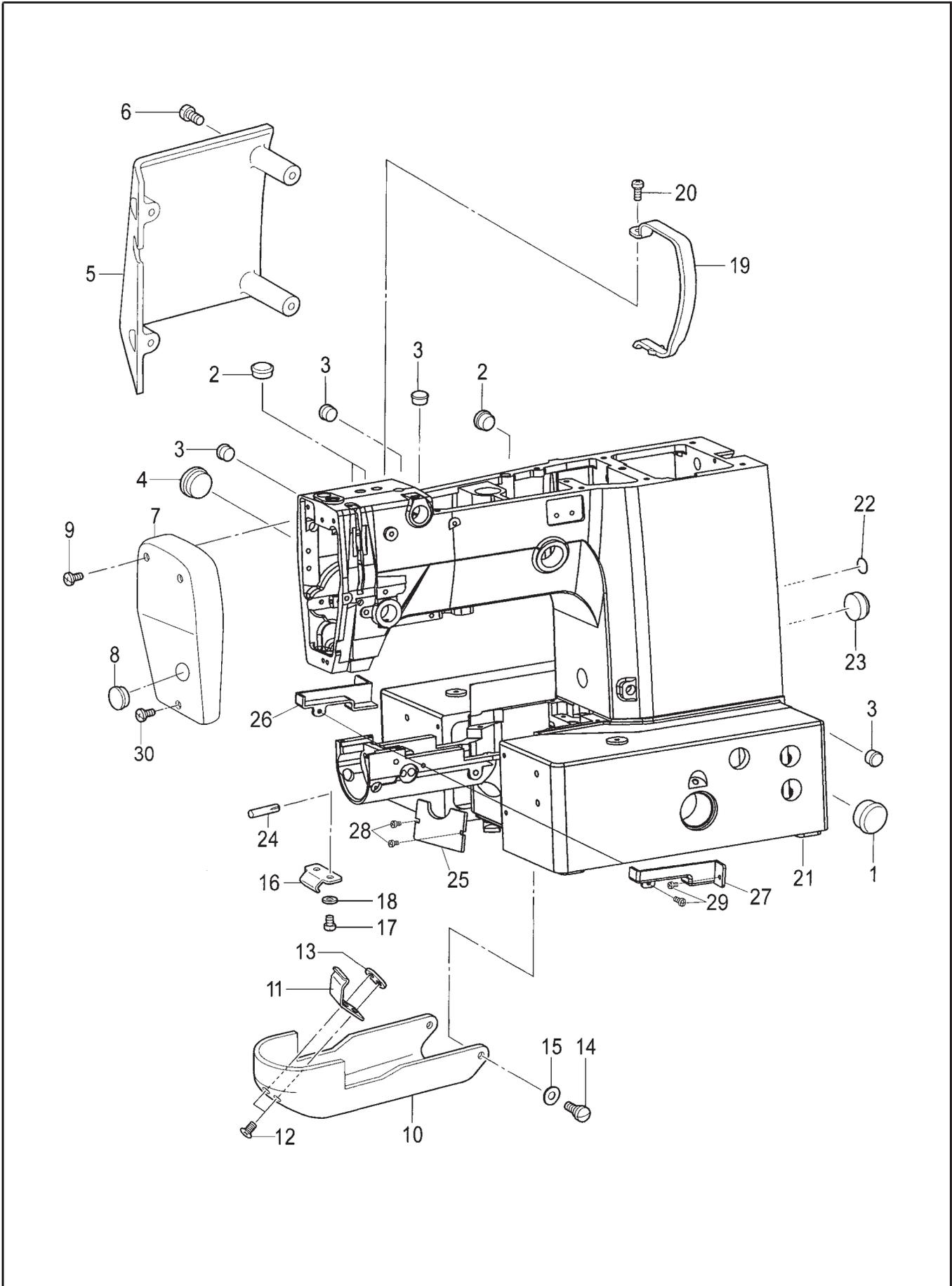


# 1. Machine body



## 1. Machine body

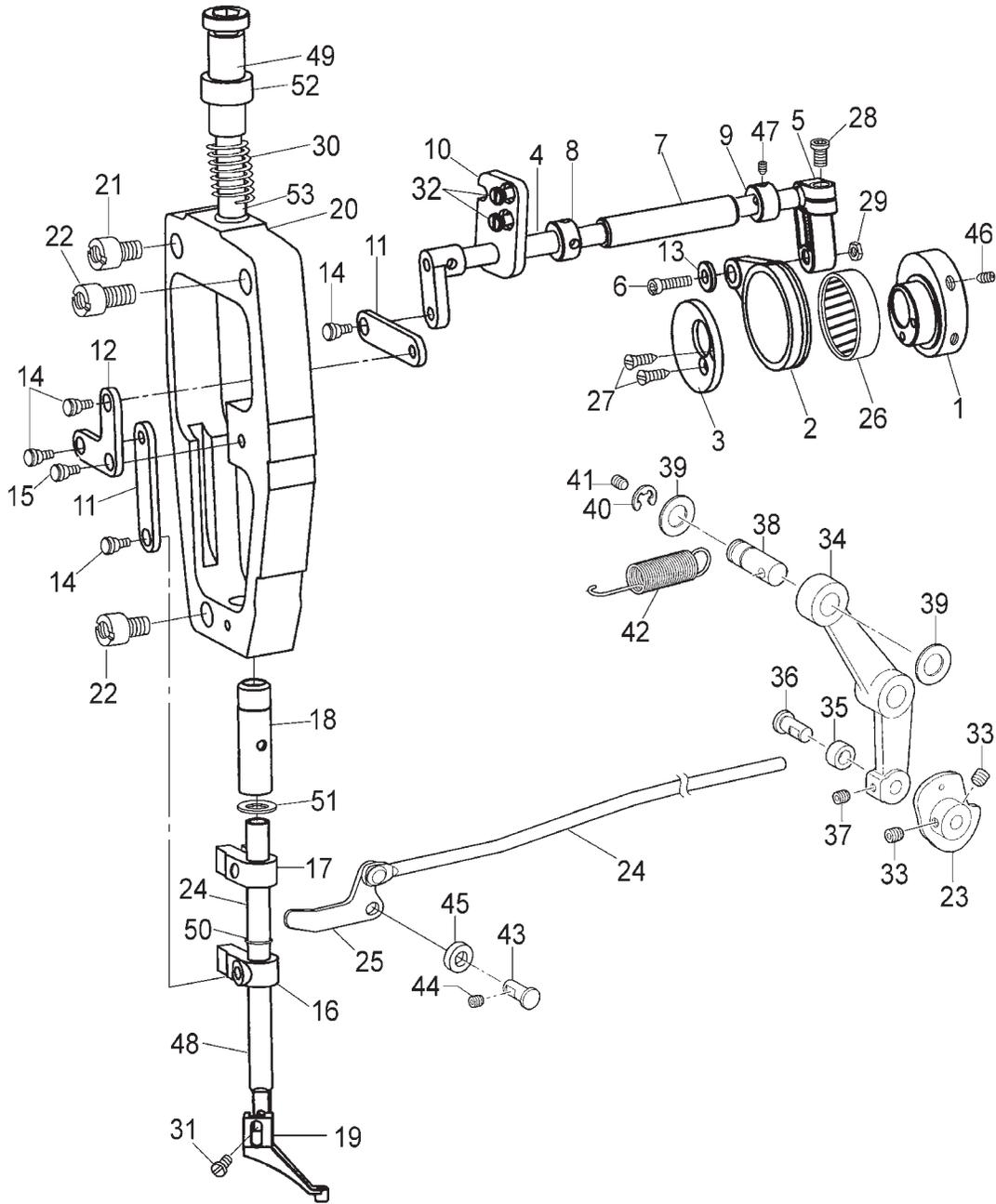
No.	Ref.No.	Description	Qt.	Note
1	B960718001	Oil cap	1	
2	B993176009	Rubber cap 13.5	3	
3	B906289009	Rubber cap 10.5	10	
4	B960718001	Oil cap	1	
5	213000004	Side cover	1	
6	B048049094	Screw M6X10	4	
7	213000003	Face plate	1	
8	B906661009	Rubber cap 15.5	1	
9	B048509094	Screw M5X10	2	
10	BXF6646009	Shuttle race cover	1	
11	BXF7847009	Shuttle race cover hook D	1	
12	B006700597	Screw M3X5	2	
13	BXF7846009	Plate nut	1	
14	BXF7845009	Shoulder screw 8-2	2	
15	B901871008	Washer	2	
16	BXF7844009	Shuttle race cover hook U	1	
17	B048700694	Screw M3X4	2	
18	B085070874	Washer M3	2	
19	BXF7800909	Thread take-up cover	1	
20	B048609004	Screw M4X10	1	
21	BX72761009	Label	1	
22	036E02002	Label, Grounding	1	
23	BX82066009	Rubber cap 20.8	1	
24	S150435018	Pin B4x20	1	
25	234000001	Front baffle	1	
26	234000002	Left cover	1	
27	234000003	Right cover	1	
28	B048509094	Screw M5x10	2	
29	B048600294	Screw M4x8	4	
30	B048500294	Screw M5x8	1	



## 2. Upper shaft and needle bar mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7809009	Upper shuft	1	
2	BXF7611009	Connecting assy	1	
3	B092509474	Bolt,Socket M5×16	2	
4	BXF7843009	Needle bearing H	2	Optiona
4	BXF7818009	Needle bearing H	2	Optiona
4	BXF7650009	Needle bearing H	2	Optiona
4	BXF7626009	Needle bearing H	2	Optiona
5	B048700694	Screw M3X4	1	
6	BXF7804009	Ball bearing bush	1	
7	BXF6931009	Ball bearing, 6904ZZNR	1	
8	BXF6920009	Ball bearing R-6904ZZ	1	
9	B098040474	Set screw M6X6	6	
10	BXF7804009	Ball bearing bush	1	
11	S150866037	Ball bearing 6004ZZNR	1	
12	213101001	coupling A	1	
13	S150866006	Ball bearing 6204ZZNR	1	
14	BX87459009	Set screw M6X6	8	
15	BX85875009	Screw M8	1	
16	BXF7613009	Thread take-up crank,C	1	
17	213102000	Thread take-up lever,assy	1	
18	B990743009	Washer 8	1	
19	B098700774	Set screw M3x3	2	
20	BXF8152009	Screw M5x6	1	
21	B098500574	Set screw M5x5	1	
22	B965465009	Screw SM3.57-40×6L	1	
23	BXF7622009	Slide block	1	
24	BXF7582009	Slide block guide	1	
25	B092609474	Bolt,Socket M4X16	2	
26	BXF7888009	Needle bar	1	
27	B966652009	Screw SM3.57-40X4.5	1	
28	BXF7887009	Needle bar bush,U	1	
29	BXF7886009	Needle bar bush,D	1	
30	※	Needle	1	
31	B098500574	Bolt,Socket M5X5	2	
32	B929018009	Bevel gear assy	1	
32-1	B994336009	Upper shaft Bevel gear	1	
32-2	B994111009	Vertical shaft Bevel gear U	1	
33	B096330488	Screw SM6.35	4	
34	213100006	Hand wheel bush	1	
35	B958232009	Spring	1	
36	213000011	Hand wheel shaft	1	
37	T2D280203	Hand wheel	1	
38	213000012	Screw M4X8	1	

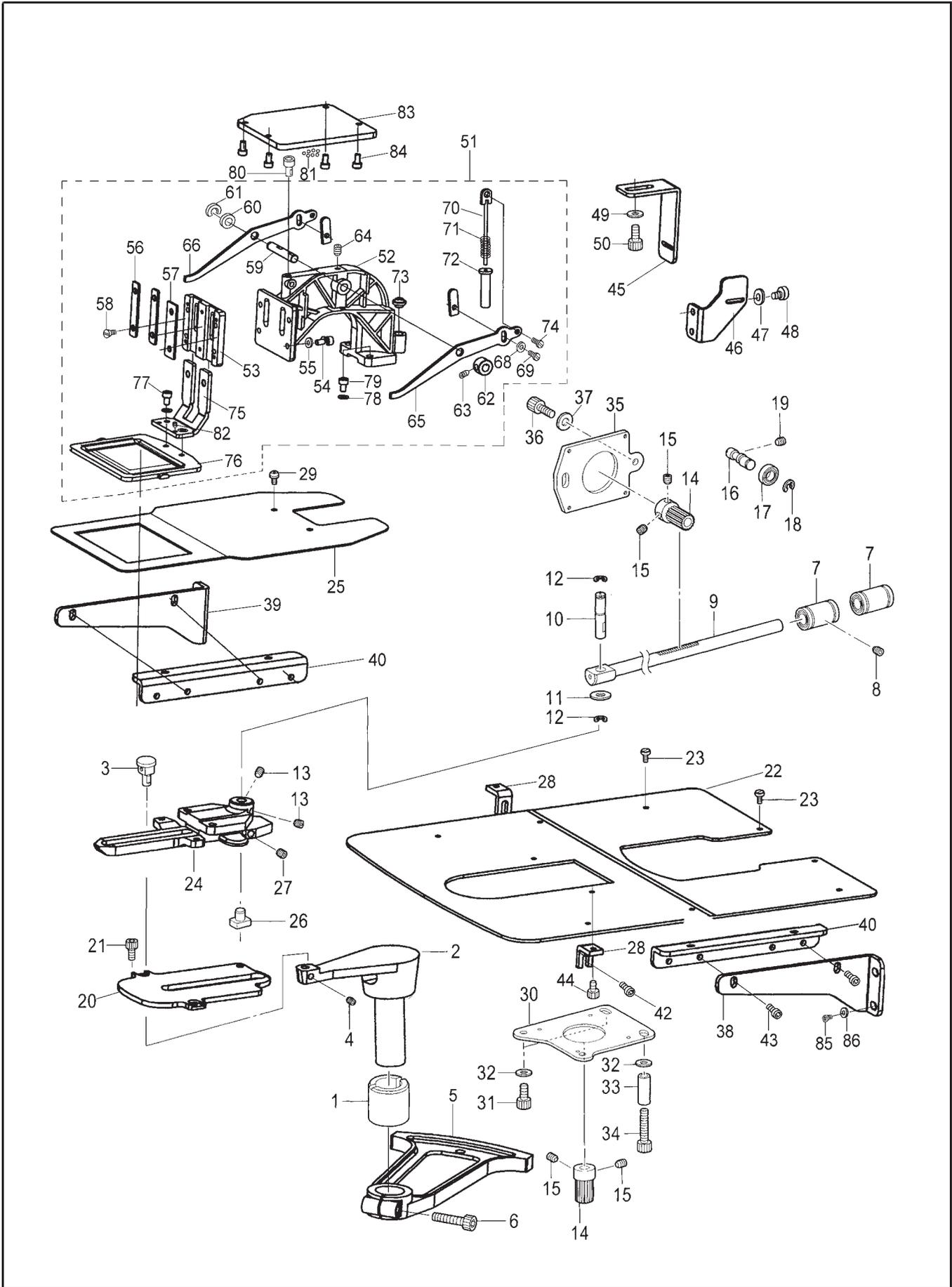
### 3. Follow-up mechanism



### 3. Follow-up mechanism

No.	Ref.No.	Description	Qt.	Note
1	234020001	Eccentricity crank	1	
2	234020002	Swing crank lever	1	
3	234020003	Eccentricity crank cap	1	
4	234020004	Swing lever	1	
5	234020005	Crank lever	1	
6	234020018	Shaft positioning screw 7-8	1	
7	234020006	Swing lever bush	1	
8	234020007	Ring tightener F	1	
9	234020008	Ring tightener B	1	
10	234020009	Bracket	1	
11	234020010	Connecting lever 1	2	
12	234020011	Connecting lever 2	1	
13	234020021	Washer	1	
14	234020020	Shaft positioning screw 2	4	
15	234020019	Spiral positioning screw 3	1	
16	234020012	Fixed sliding block for pressing foot	1	
17	234020013	Moved sliding block for pressing foot	1	
18	234020015	Middle pressing foot bush	1	
19	234020016	Middle pressing foot	1	
20	234020022	Faceplate lining	1	
21	234020023	Faceplate screw( long)	1	
22	234020024	Faceplate	2	
23	234020017	pressing foot lifter cam	1	
24	234021000	pressing foot lifter assy	1	
25	234021001	pressing foot lifter crank	1	
26	S150866069	All bearing 6805vv	1	
27	BX09414009	Screw SM3.57-40x6	2	
28	B092509878	Screw M5x12	1	
29	S120501005	Nut M5x0.5	1	
30	B969382009	pressing bar spring	1	
31	022700015	Screw SM 3.57-40x1	1	
32	BXF7572009	Screw M4x8	2	
33	B098040474	Set screw M6X6	2	
34	BXF7662009	Thread wiping driven lever	1	
35	BXF7661009	Thread wiping roller	1	
36	BXF7669009	W-Clamp lifter roller shaft	1	
37	B098500574	Set screw M5X5	1	
38	BXF7659009	Thread wiper rod shaft	1	
39	BX80754009	Washer 10	2	
40	B062020768	Retaining ring E8	1	
41	B098500574	Set screw M5X5	1	
42	BXF7664009	Spring	1	
43	BXF7669009	W-Clamp lifter roller shaft	1	
44	B098500574	Set screw M5X5	1	
45	234020025	Collar	1	
46	BX87459009	Screw M6X6	2	
47	B098600674	Set screw M4X4	4	
48	BXF9939009	Pressing foot bar	1	
49	022750001	Pressure adjustment screw	1	
50	B956514000	Vibration absorption washer	1	
51	B960603009	Washer	1	
52	022750002	Pressure adjustment nut	1	
53	234020026	Spring guiding bar	1	

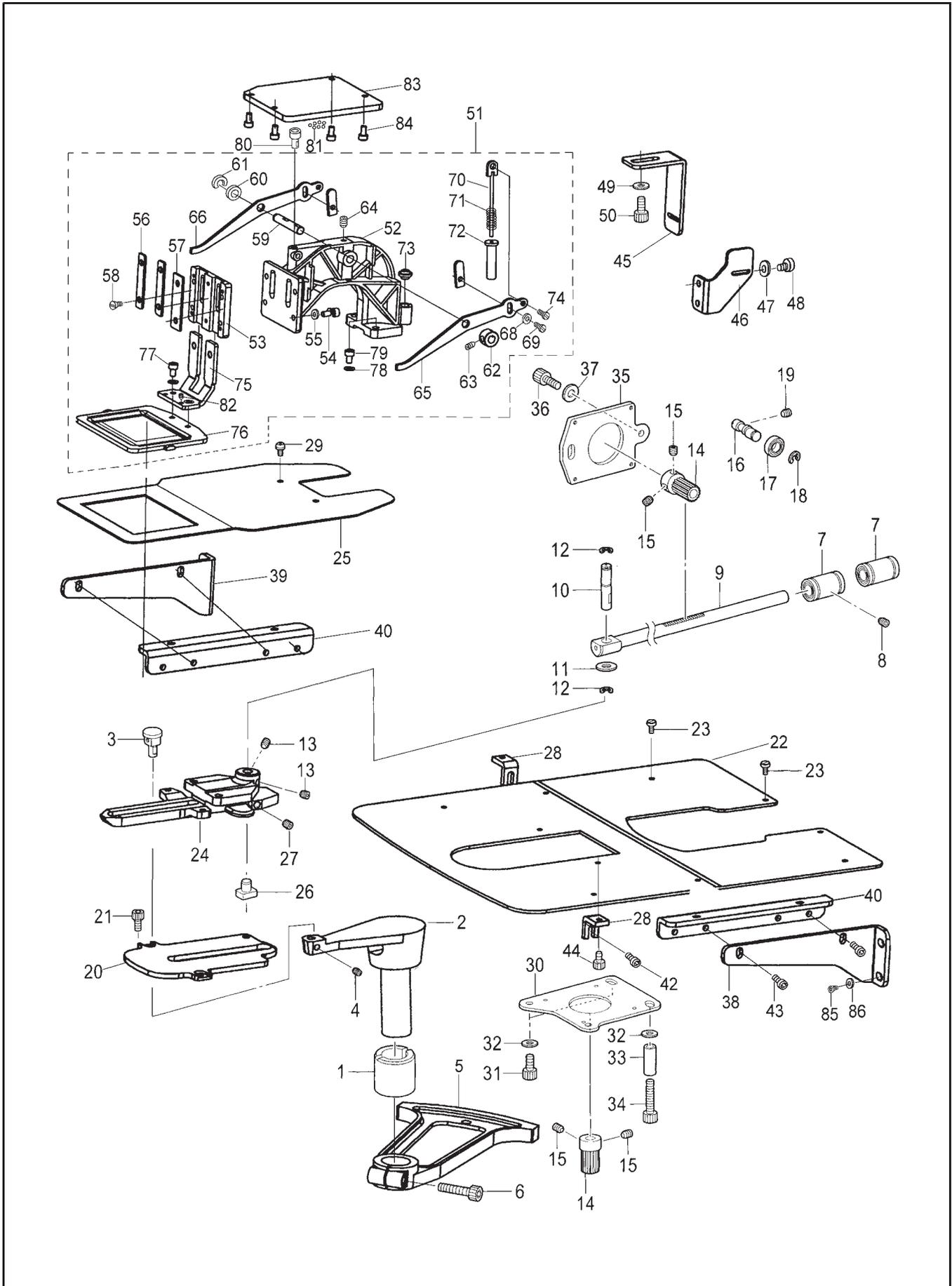
# 4. Feed mechanism



#### 4. Feed mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7747009	X-Feed lever bush	1	
2	234030002	X-Feed lever	1	
3	BXF7577009	T-Length regurator block assy	1	
4	B098500574	Set screw M5x5	1	
5	234030001	X-Feed gear	1	
6	B092047074	Bolt,Socket M6X30	1	
7	BXH5320009	Bearing10,Liner	2	
8	B098040474	Set screw M6X6	2	
9	234030005	Y-Feed rack shaft	1	
10	BXF7742009	Y-Connecting pin	1	
11	B957997009	Thrust washer	1	
12	B062040768	Retaining ring E6	2	
13	B098040474	Set screw M6X6	2	
14	BXF6913009	Feed gear	2	
15	B098040474	Set screw M6X6	4	
16	BXF7730009	Eccentric shaft	1	
17	B030402200	Ball bearing , Ardial 608ZZ	1	
18	B062020968	Retaining ring ,External C8	1	
19	B098040474	Set screw M6X6	1	
20	234030003	Feed bar support plate	1	
21	B092609074	Bolt,Socket M4X10	3	
22	234030009	Feed bar cover	1	
23	BXF7572009	Screw M4X8	4	
24	234030004	Feed bar sub	1	
25	234030008	Feed plate	1	
26	BXF7576009	T-Width regurator brock assy	1	
27	B098040474	Set screw M6X6	1	
28	234030010	Small table bracket	2	
29	B957053909	Screw SM4.37	2	
30	BXF7729009	X-Motor setting plate	1	
31	B092049874	Bolt,Socket M6X12	2	
32	B085040874	Washer M6	3	
33	BXF7302009	Collar	1	
34	B092047574	Bolt, Socket M6X35	1	
35	BXF7728009	Y-Motor setting plate	1	
36	B092049874	Bolt, socet M6X12	2	
37	B085040874	Washer M6	2	
38	23403012	Right holder	1	
39	234030011	Left holder	1	
40	234030013	Big table bracket	2	
42	B092509878	Bolt M5X12	2	
43	S150220007	Bolt M5X10	4	
44	S150220078	Bolt M4X6	6	
45	234030015	Detector fixing plate X	1	
46	234030014	Detector fixing plate Y	1	
47	B964756009	Washer 5	2	

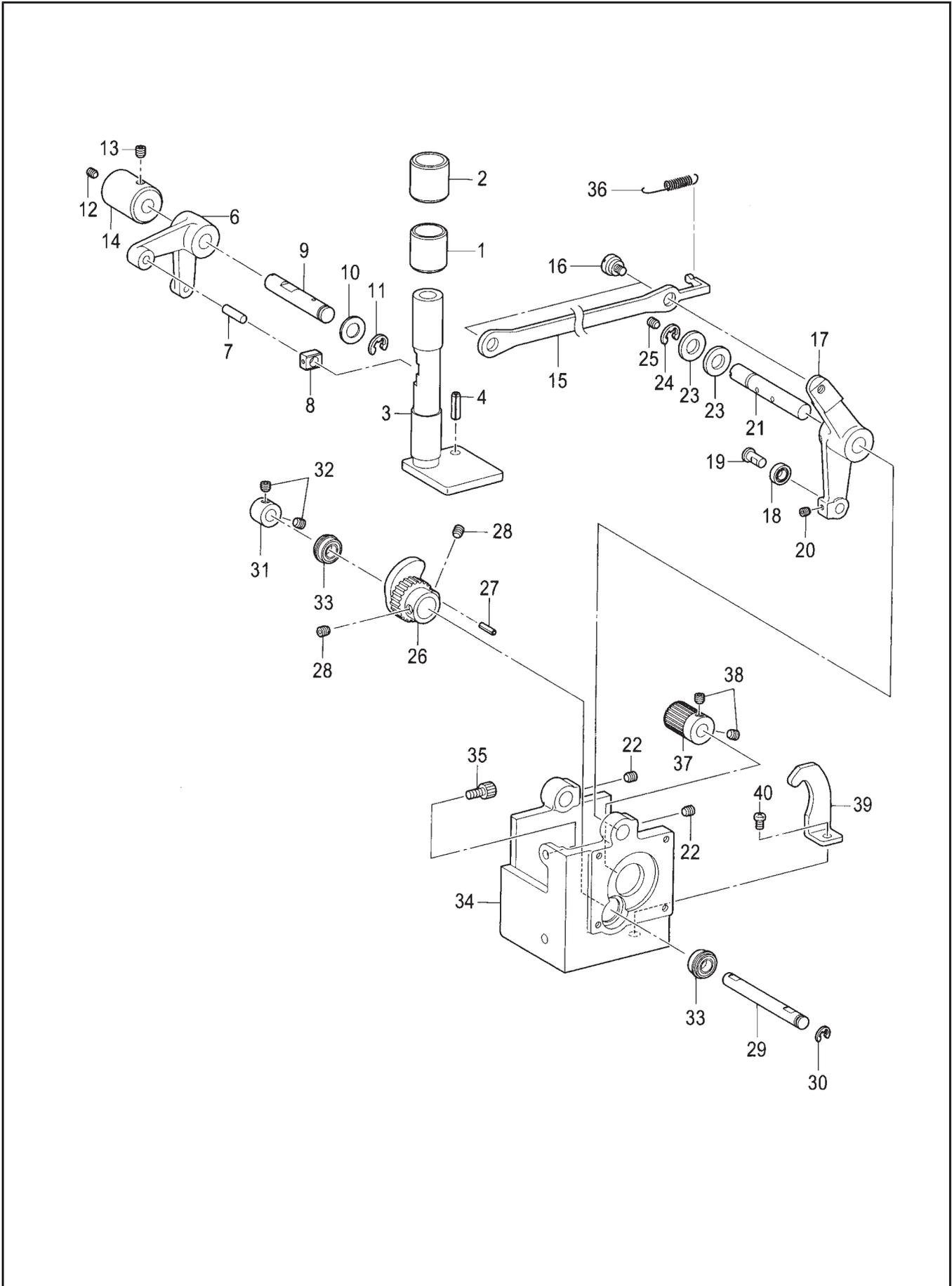
# 4. Feed mechanism



#### 4. Feed mechanism

No.	Ref.No.	Description	Qt.	Note
48	S150220007	Bolt M5x10	2	
49	B085040874	Washer 6	2	
50	B092049874	Bolt M6x12	2	
51	234031000	Pressing foot arm assy	1	
52	234031001	Pressing foot arm	1	
53	234031002	Pressing foot sliding track	1	
54	B092509878	Screw M5x12	4	
55	B085050874	Washer 5	4	
56	234031003	Pressing plate C	2	
57	234031004	Pressing plate D	1	
58	BXF7684009	Screw M3.5	6	
59	234031005	Lever shaft	1	
60	B990743009	Washer 8	1	
61	B062040764	Retaining ring	1	
62	BXF7879009	Tightening ring	1	
63	B098040574	Set screw M6x5	2	
64	B098500574	Set screw M5x5	1	
65	234031006	Lever R	1	
66	234031007	Lever L	1	
67	234031008	Foot lifter adjustment plate	2	
68	B964756008	Washer 5	2	
69	B092500274	Bolt M5x8	2	
70	BXF7683009	Spring guiding lever	2	
71	B957542009	Spring A	2	
72	B957530009	Spring guiding bar	2	
73	B958322000	Spring positioning ring	2	
74	BXF9931008	Screw M5	2	
75	234031009	Pressing foot handle	1	
76	234030006	Application pressing frame	1	
77	J038440551	Bolt M5x8	2	
78	B085040874	Washer 6	2	
79	B092049474	Bolt M6x16	2	
80	BXF7682009	Short shaft	1	
81	B039079260	Steel ball 1/8"	7	
82	B098600674	Set screw M4x4	2	
83	234030007	Support plate	1	
84	B092600274	Bolt M4x8	4	
85	B092049874	Bolt M6x12	4	
86	B085040874	Washer 6	4	

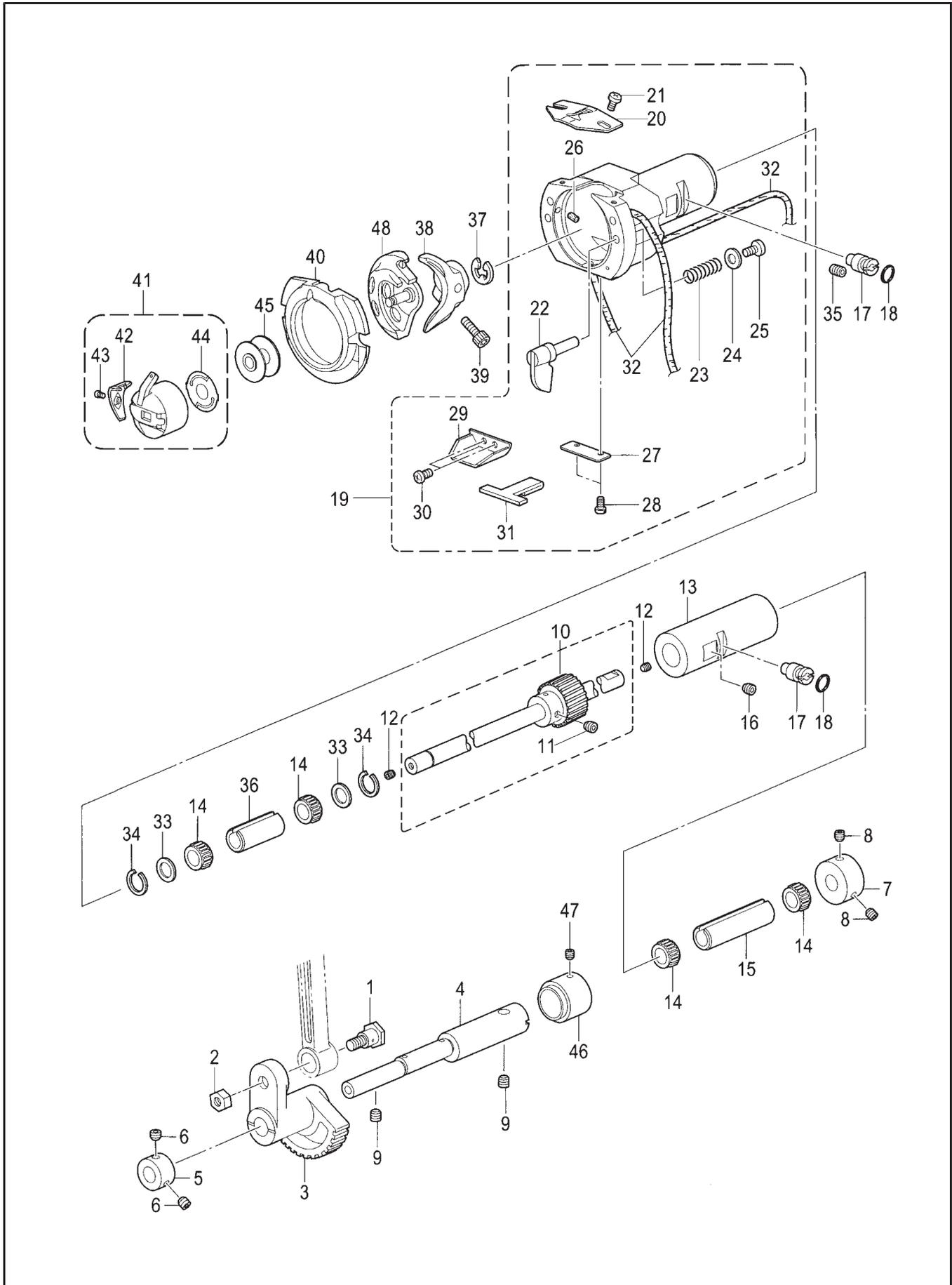
## 5. Work clamp lifter mechanism



## 5. Work clamp lifter mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7681009	Footlifter bush D	1	
2	BXF7670009	Footlifter bush U	1	
3	234040001	Work clamp lifter plate	1	
4	B063408068	Pin, Spring roll 6x25	1	
6	BXF7676009	Lifter lever	1	
7	B958366009	Pin	1	
8	B908470009	Needle bar guide slide block	1	
9	BXF7675009	Lever shaft	1	
10	BX80754009	Washer 10	1	
11	B062020768	Retaining ring E8	1	
12	B098500574	Set screw M5x5	1	
13	B098040474	Set screw M6X6	1	
14	BXF7674009	W-Clamp lifter lever bush	1	
15	BXF7673009	Link	1	
16	BXF7672009	Link shoulder screw	2	
17	BXF7671009	Drive lever W-Clamp	1	
18	B030414200	Ball bearing R-696ZZ	1	
19	BXF7669009	W-Clamp lifter roller shaft	1	
20	B098500574	Set screw M5x5	1	
21	BXF7668009	Cam lever shaft	1	
22	B098040474	Set screw M6X6	2	
23	BX80754009	Washer 10	2	
24	B062020768	Retaining ring E8	1	
25	B098500574	Set screw M5x5	1	
26	BXF7667009	Cam gear	1	
27	B063709068	Pin, spring 3x10	1	
28	B098040474	Set screw M6X6	2	
29	BXF7666009	Cam shaft	1	
30	B062040768	Retaining ring E6	1	
31	BXF7879009	Set screw collar	1	
32	B098040574	Set screw M6X5	2	
33	B030422250	Ball bearing ,Radial 688ZZNR	2	
34	BXF7665009	Motor bracket	1	
35	B092049874	Bolt,socket M6X12	2	
36	213300001	Spring	1	
37	BXF7303009	Gear 16	1	
38	B098040574	Set screw M6X5	2	
39	BXF6038009	Stopper	1	
40	B048049094	Bolt,socket M6X10	1	

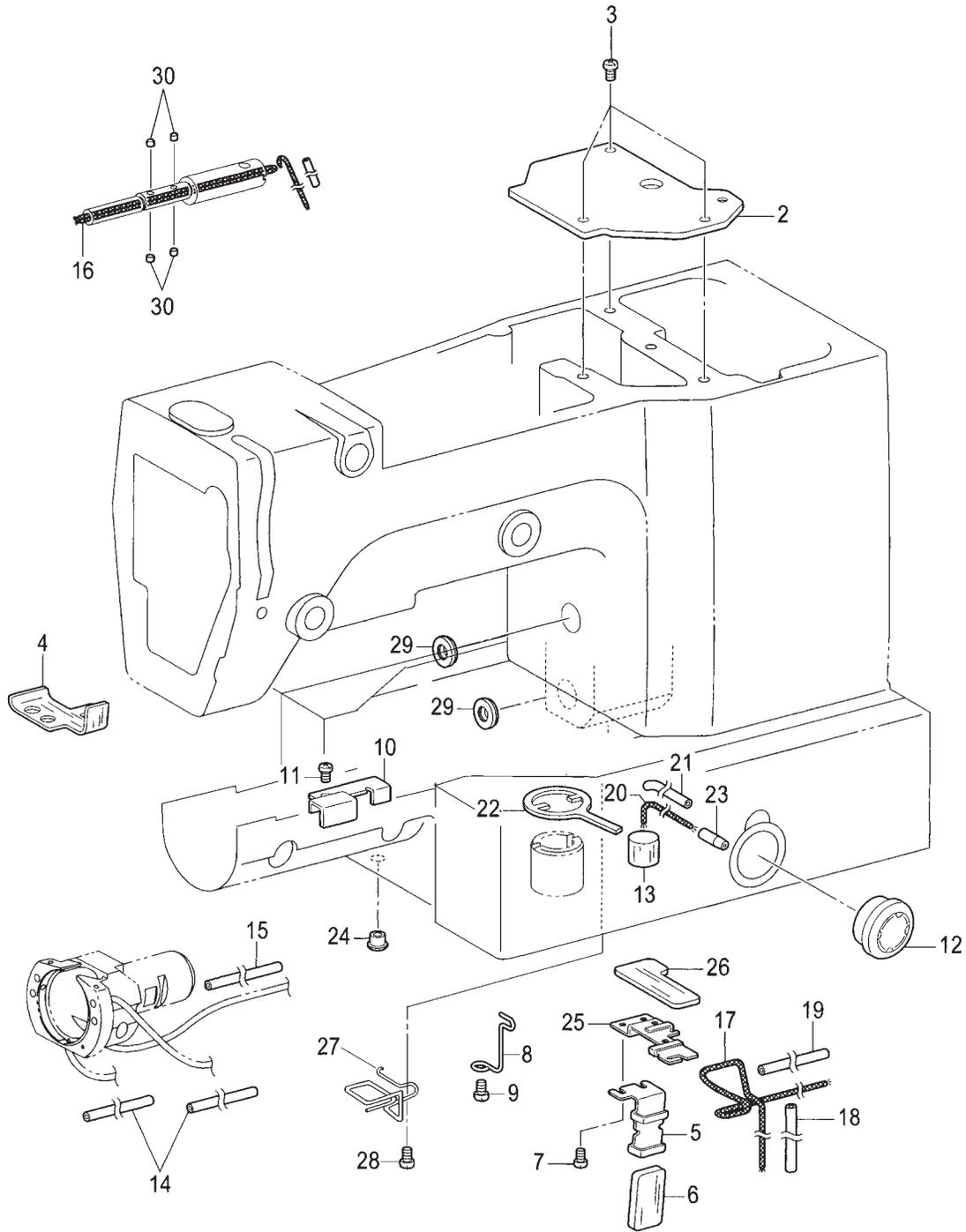
## 6. Lower shaft mechanism



## 6. Lower shaft mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7884009	Shoulder screw M6	1	
2	BXF7883009	Nut M6	1	
3	BXF7882009	Rock gear	1	
4	BXF6042909	Rock gear shaft	1	
5	BXF7879009	Set screw collar	1	
6	B098040574	Set screw M6X5	2	
7	BXF7877009	Set screw collar	1	
8	BX87459009	Set screw M6X6	2	
9	B098040474	Set screw M6X6	2	
10	BXF7876009	Lower shaft assy	1	
11	B098500574	Set screw M5X5	1	
12	B098600674	Set screw M4X4	2	
13	BXF7873009	Lower shaft bush	1	Optiona
14	BXF6923009	Needle bearing	4	Optiona
	BXF6922009	Needle bearing	4	Optiona
	BXF6921009	Needle bearing	4	Optiona
	BXF6910009	Needle bearing	4	
15	BXF7837009	Lower shaft collar	1	
16	B098040474	Set screw M6X6	1	
17	BXF7872909	Pin	2	
18	B029007430	O ring PW3	2	
19	234051000	Shuttle race base assy	1	
20	BX08681809	Shuttle race thread	1	
21	S150217009	Screw M3X4	2	
22	BXF7869009	S-Race base setting claw	2	
23	B958426909	Compression spring	2	
24	B084070974	Washer S3	2	
25	B048700494	Screw M3X6	2	
26	B957050000	S-Race base felt	2	
27	BXF7868909	Felt holder	1	
28	S150217009	Screw M3X4	2	
29	BXF7836909	Felt holder	1	
30	S150217009	Screw M3X4	2	
31	BXF7835009	Felt T	1	
32	BX51224009	Oil Thread L=380	3	
33	BXF7834009	Washer	2	
34	213420002	Wire ring 12	2	
35	B098040474	Set screw M6X6	1	
36	BXF7832009	Collar	1	
37	B062030768	Retaining ring E7	1	
38	BXF7826009	Driver	1	
39	B092509878	Bolt,socket M5X12	1	
40	※	Shuttle race base	1	
41	B951490609	Bobbin case assy	1	
42	B956771909	Tension spring	1	
43	B956769009	Screw	1	
44	B951498009	Anti-spin spring	1	
45	B951497059	Bobbin	1	
46	BXF7827009	Set screw collar	1	
47	B098500574	Set screw M5x5	1	
48	※	Shuttle hook	1	

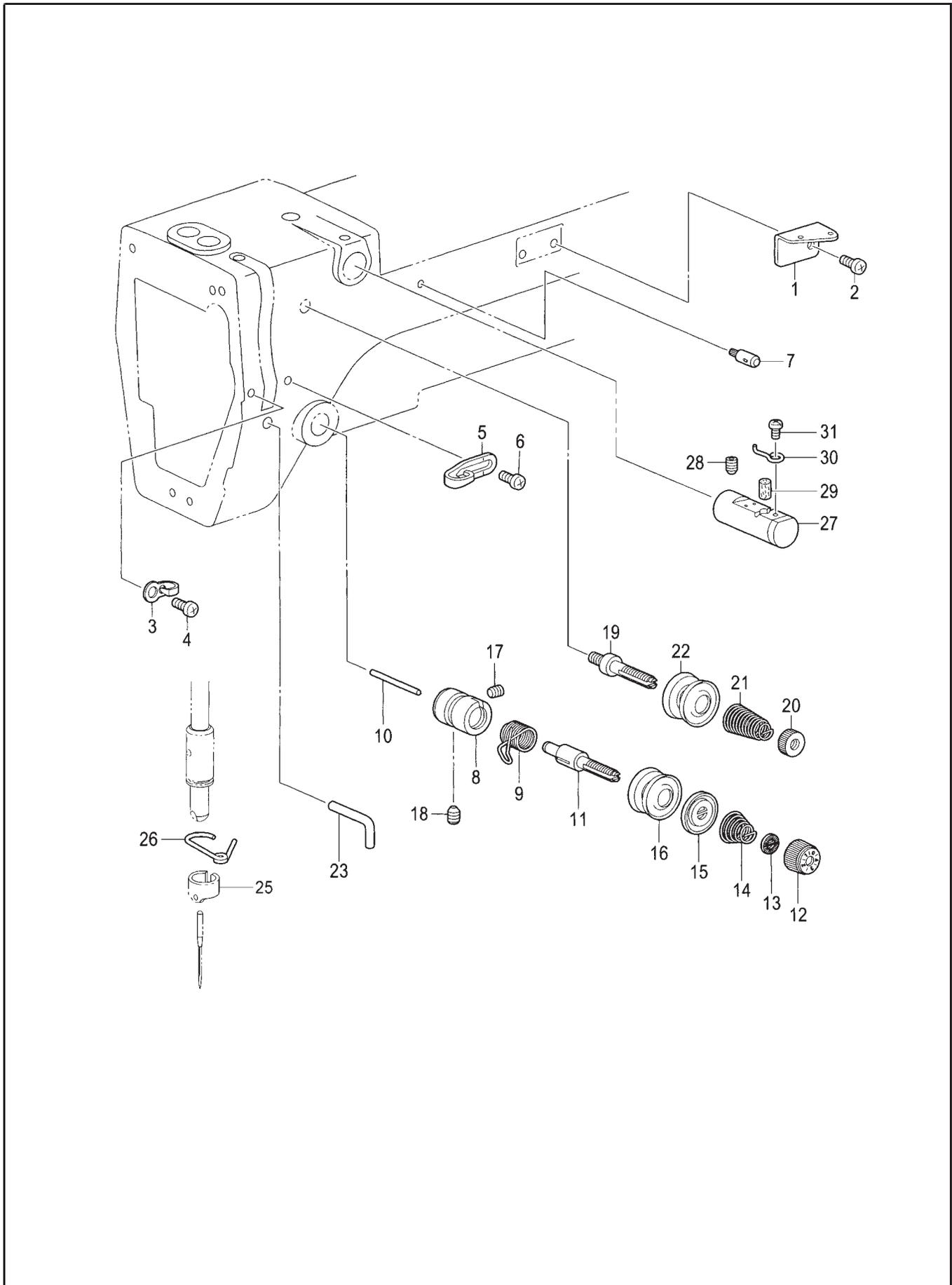
# 7. Lubrication



## 7. Lubrication

No.	Ref.No.	Description	Qt.	Note
1	BXF7866009	Set screw	1	
2	BXF7865009	Crank cover	1	
3	B048040294	Screw M6X8	3	
4	BXF7831009	Felt	1	
5	BXF7507809	Lower shaft wick support	1	
6	BXF7506809	Lower shaft gear felt	1	
7	B048600494	Screw M4X6	2	
8	BXF7828009	Cord holder	1	
9	B048040294	Screw M6X8	1	
10	BXF7861009	Oil tube support	1	
11	B048600494	Screw M4X6	1	
12	213501000	Oil gauge window	1	
13	BXF7731009	Felt	1	
14	BX50581000	Oil tube L=300	2	
15	BX82695000	Oil tube L=225	1	
16	BX65261000	Wick 4x4 L=320	1	
17	B957188009	Wick L=510	1	
18	BXF9708009	Oil tube L=120	1	
19	BX54233000	Oil tube L=150	1	
20	BX76098000	Wick 4X4 L=220	1	
21	B967439000	Oil tube L=150	1	
22	BXF7823009	Felt	1	
23	BX03777009	Oil feeding pipe, S	1	
24	B964020000	Cord bush	1	
25	BXF7864009	Gear wick support	1	
26	BXF7820009	Gear felt	1	
27	BXF6648009	Cord holder	1	
28	B048040294	Screw M6X8	1	
29	BXF6888009	Oil cork	1	
30	B957050000	S-race base felt	4	

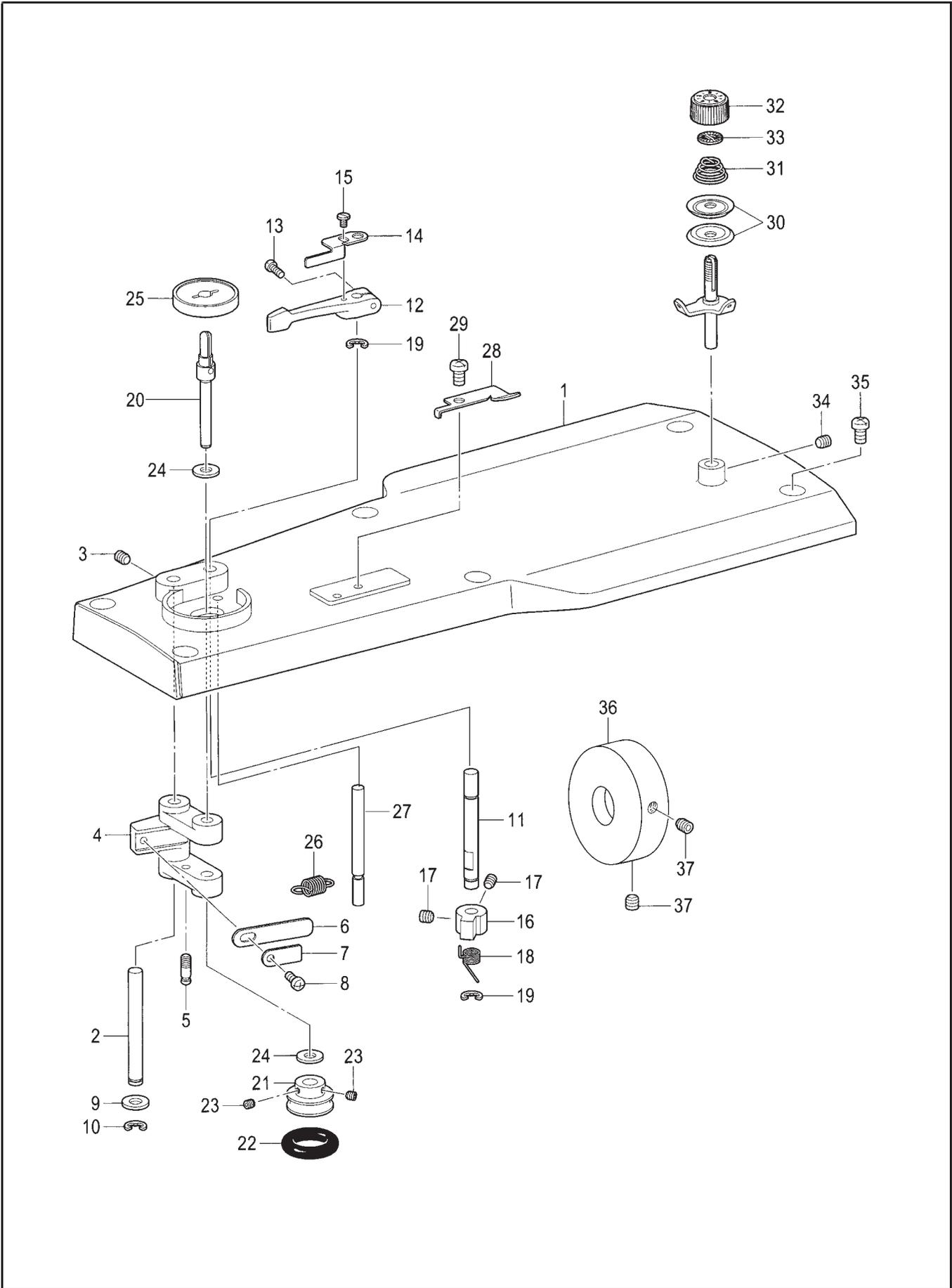
## 8. Threading mechanism



## 8. Threading mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7850009	Arm thread guide , A	1	
2	B048500494	Screw M5X6	1	
3	BXF6777009	Arm thread guide , B	1	
4	B048500494	Screw M5X6	1	
5	BXF7858009	Arm thread guide , C	1	
6	B048500494	Screw M5X6	1	
7	B957061009	Upper thread guide stud	1	
8	BXF7856009	Tension bracket	1	
9	※	Thread take-up spring	1	
10	BX98411000	Tension release pin	1	
11	BXF7855009	Tension stud	1	
12	BX79078009	Tension nut	1	
13	BX98669009	Washer	1	
14	※	Tension spring	1	
15	B951205009	Tension disc presser	1	
16	B965664009	Disc ,Tension	2	
17	B900608006	Set screw SM3.57	1	
18	BXF9881909	Set screw M6X6	1	
19	BXF7854009	Tension stud	1	
20	B900974009	Tension nut	1	
21	BXF6964009	Sub tension spring	1	
22	B965664009	Disc ,tension	2	
23	B951886009	Thread guide ,Arm	1	
25	BXF7475009	Needle bar thread guide , B	1	
26	BXF7852009	N-bar bush thread guide	1	
27	B952229009	Needle cooler assy	1	
28	B098040474	Set screw M6X6	1	
29	B958227000	Felt 8X15.5	1	
30	B958226009	Needle cooler thread guide	1	
31	B048430698	Screw SM3.57-40X4	1	

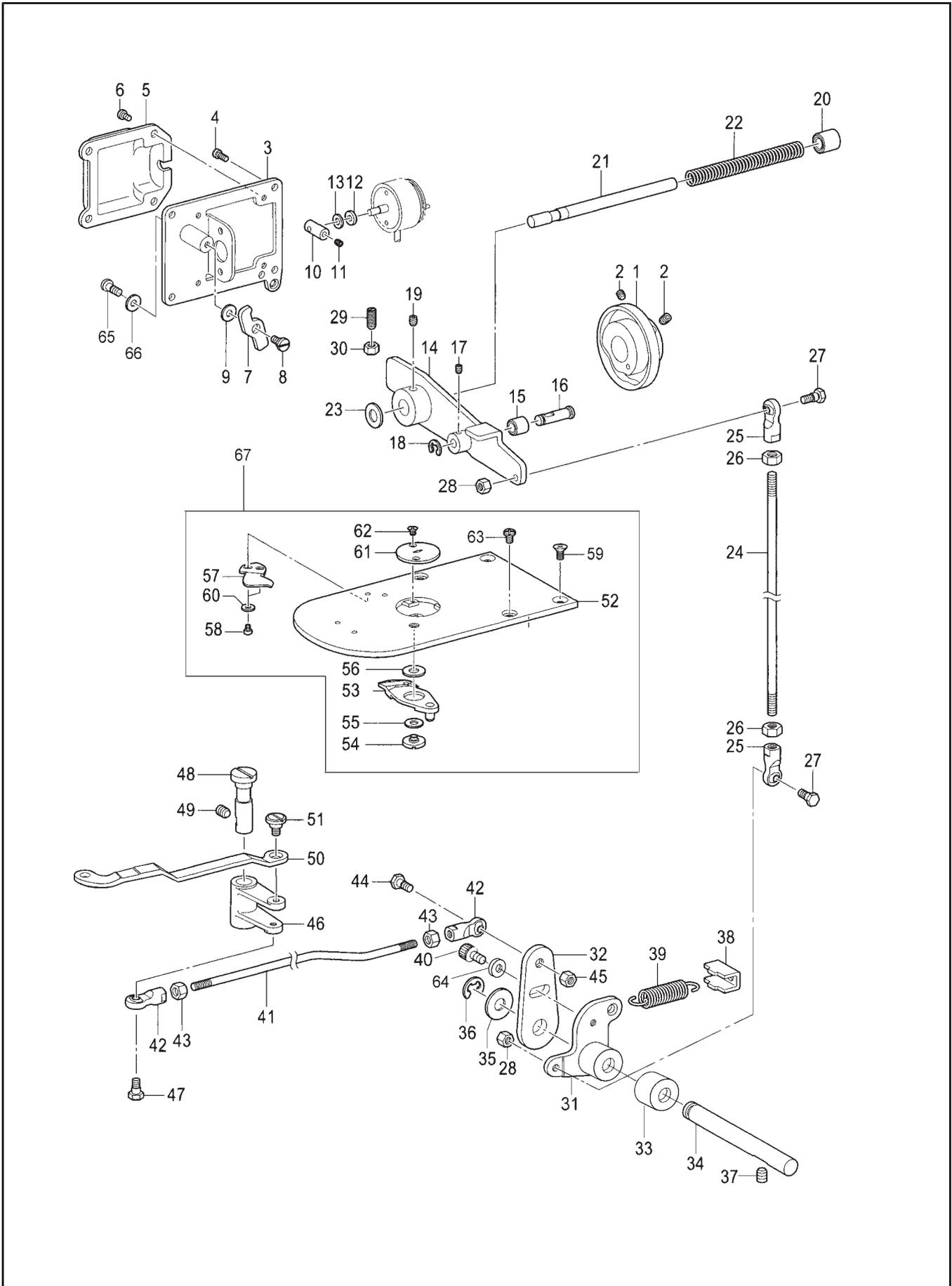
# 9. Bobbin winder mechanism



## 9. Bobbin winder mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7821009	Top cover	1	
2	BXF7810009	Shaft ,Bw-lever	1	
3	B098500574	Set screw M5X5	1	
4	BXF7819009	Bobbin winder lever	1	
5	BXF6939009	Spring hook	1	
6	B958174009	Plate spring	1	
7	B958173009	Washer	1	
8	B048750494	Screw M3.5X6	1	
9	B951624009	Washer	1	
10	B062050768	Retaining ring E5	1	
11	BXF7817009	Stud,B-winder claw	1	
12	BXF9126009	Bobbin presser arm	1	
13	B048609894	Screw M4X12	1	
14	BXF7816009	Bobbin presser	1	
15	BX87692008	Screw M4X4.5	1	
16	BXF7815009	Claw,B-winder	1	
17	B098600674	Set screw M4X4	2	
18	BX90672009	Spring	1	
19	B062050768	Retaining ring E5	2	
20	BXF7814009	Bobbin winder shaft	1	
21	BXF7813009	Wheel, B-winder	1	
22	B980662009	Bobbin winder rubber band	1	
23	B098600674	Set screw M4X4	2	
24	B085040974	Washer S6	2	
25	BXF9122009	Bobbin support	1	
26	BX90842009	Spring	1	
27	BXF7812009	Stop shaft	1	
28	BXF7811009	Knife	1	
29	B048500494	Screw M5X6	1	
30	B965664009	Disc,Tension	2	
31	B900609089	Tension spring	1	
32	BX79078009	Tension nut	1	
33	BX98669009	Washer	1	
34	B098500574	Set screw M5X5	1	
35	B048049094	Screw M6X10	6	
36	234080001	Driving wheel	1	
37	BX87459009	Set screw M6X6	2	

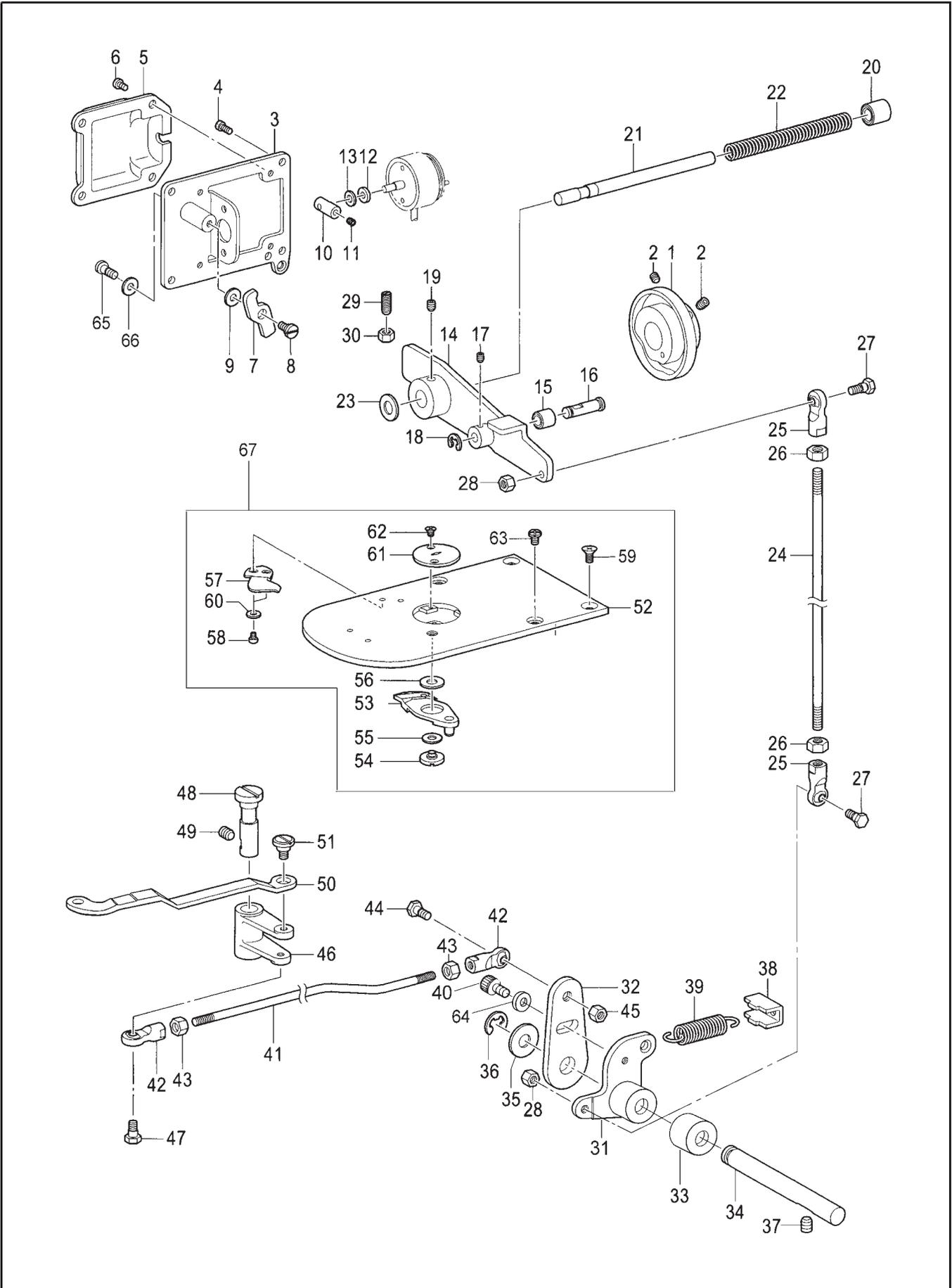
# 10. Thread trimmer mechanism



## 10. Thread trimmer mechanism

No.	Ref.No.	Description	Qt.	Note
1	213700005	Thread trimmer cam	1	
2	BX87459009	Set screw M6X6	2	
3	BXF7706009	Setting plate	1	
4	B048600294	Screw M4x8	4	
5	BXF7707009	Tr-solenoid cover	1	
6	B040600594	Screw M4x5	4	
7	BXF7705009	Pushing lever, Driving lever	1	
8	BXF7704009	Shoulder screw 7-3	1	
9	BX71410089	Washer	1	
10	BXF7703009	Solenoid lever	1	
11	B098600674	Set screw M4x4	1	
12	B956511000	Solenoid cushion	1	
13	BX08458009	Washer	1	
14	BXF7701009	Tr-driving lever	1	
15	BXF7790009	Collar , Tr-trimmer	1	
16	BXF7799009	Collar shaft	1	
17	B098600674	Set screw M4x4	1	
18	B062060768	Retaining ring E4	1	
19	BX87459009	Set screw M6x6	1	
20	B879039009	Bush 8x15	1	
21	BXF7798009	Guide shaft	1	
22	BXF7797009	Spring	1	
23	B956514000	Cushion	1	
24	BXF7795009	Thread trimmer rod V	2	
25	BX78645009	Ball joint assy	2	
26	B089040904	Nut M6	2	
27	BX78648009	Shoulder screw M6	2	
28	B089040704	Nut M6	1	
29	BX85635009	Set screw M6x19	1	
30	B089040904	Nut M6	1	
31	BXF6564009	Thread trimmer lever V	1	
32	BXF7793009	Thread trimmer lever H	1	
33	BXF7792009	Spacer ring	1	
34	BXF7791009	Shaft,Tr-trimmer lever	1	
35	B957514009	Washer 8	1	
36	B062030768	Retaining ring E7	1	
37	B098040474	Set screw M6x6	1	
38	BXF7780009	Spring	1	
39	BXF7789009	Spring ,Extension	1	

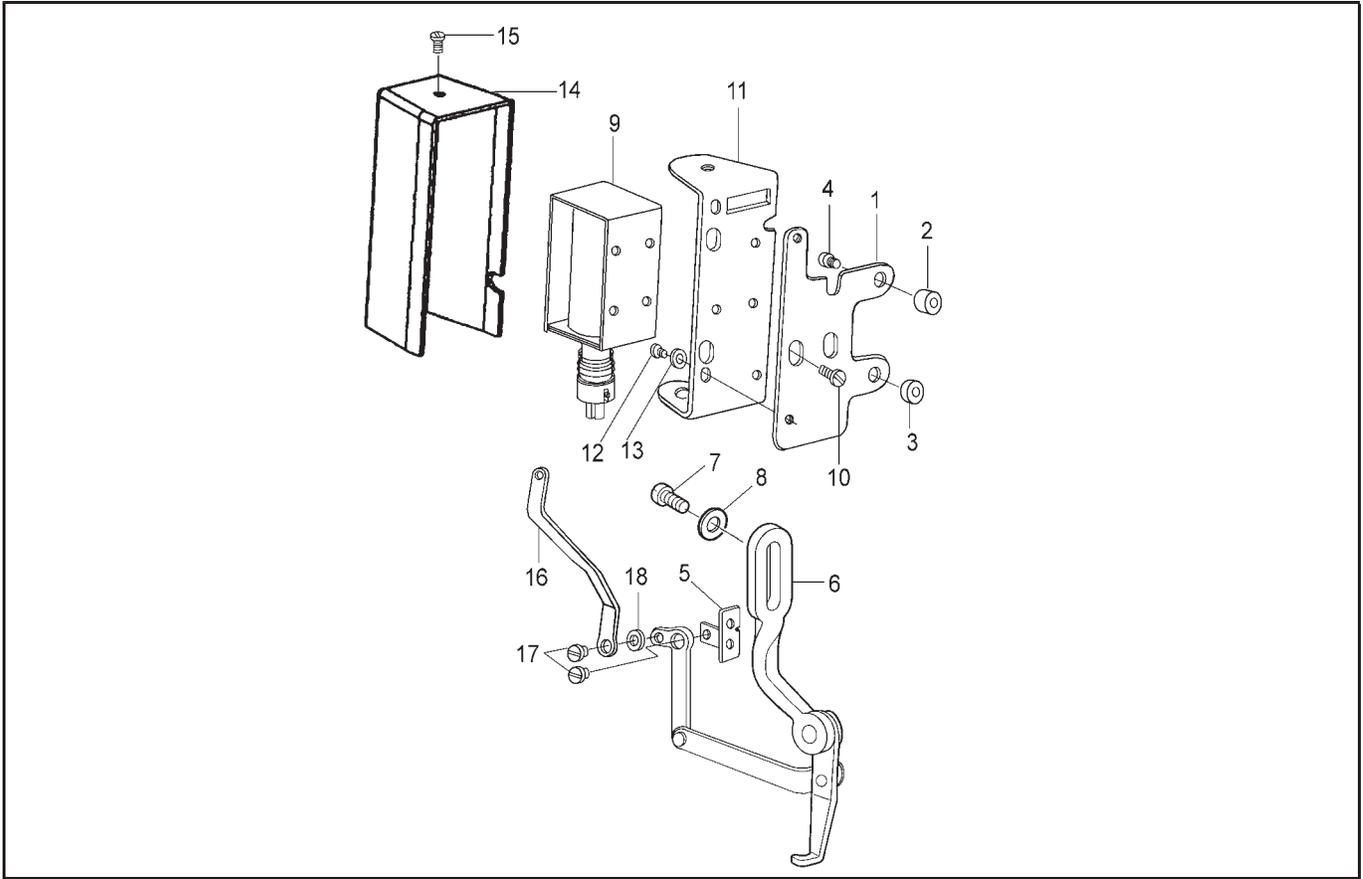
# 10. Thread trimmer mechanism



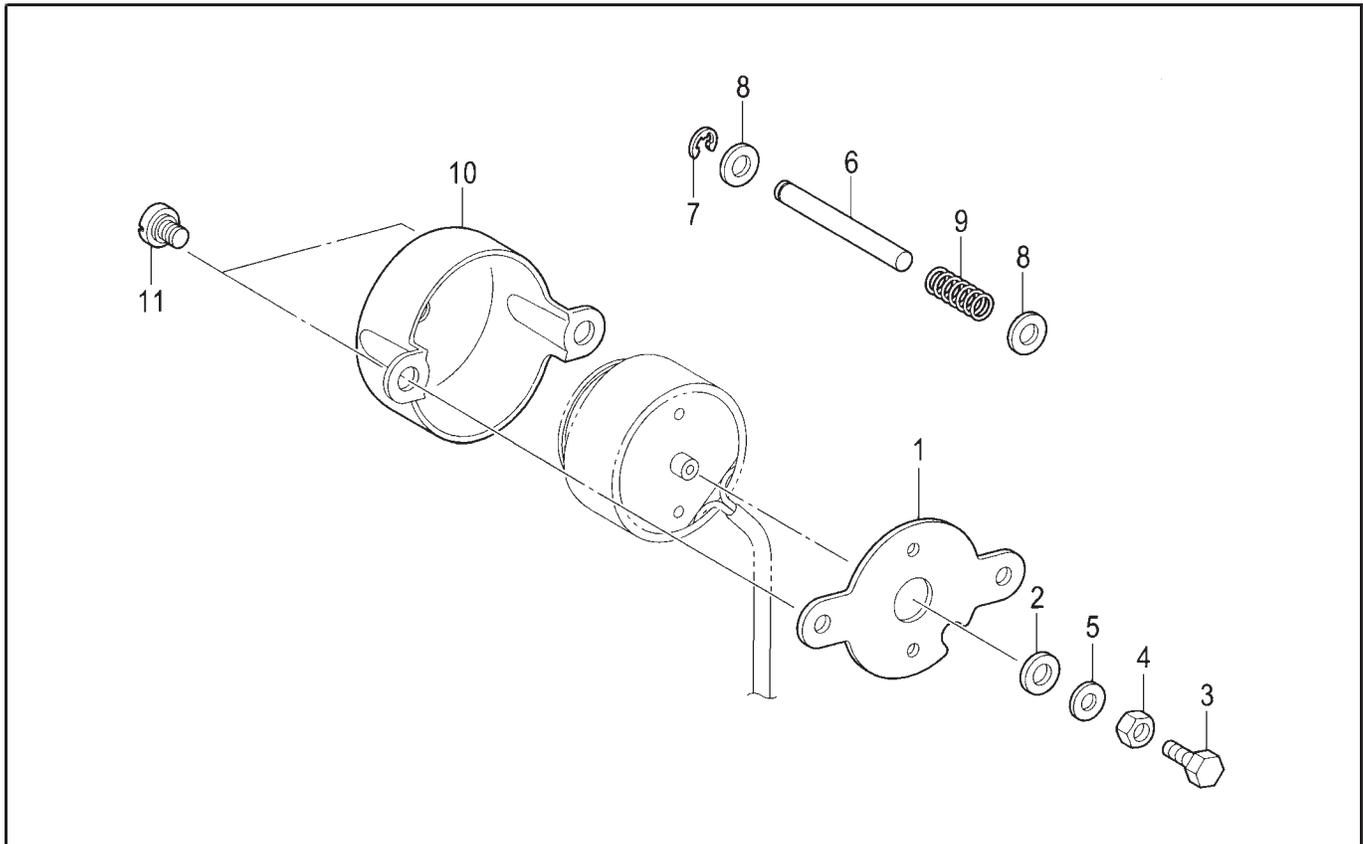
## 10. Thread trimmer mechanism

No.	Ref.No.	Description	Qt.	Note
40	S150220007	Bolt ,Socket M5x10	1	
41	BXF7787009	Thread trimmer rod H	1	
42	BX78645009	Ball joint assy	2	
43	B089040904	Nut M6	2	
44	BX78648009	Shoulder screw M6	1	
45	B089040704	Nut M6	1	
46	BXF7786009	Moving knife lever	1	
47	BXF7785009	Shoulder screw 6.35-6	1	
48	BXF7784009	Shaft,M-knife lever	1	
49	B098040474	Set screw	1	
50	234090001	M-knife connecting plate	1	
51	BXF7754009	Shoulder screw 6-2.2	1	
52	234090002	Needle plate SC	1	
53	BXF7454009	Moving knife assy	1	
54	BXF7777009	Shoulder screw	1	
55	BX003305009	Washer	1	
56	BXF4713009	Washer 0.2	1	
	BXF7776009	Washer 0.3	1	
	BXF4712009	Washer 0.4	1	
57	BXF7452009	Fixed knife	1	
58	B048700694	Screw M3x4	2	
59	BX85790909	Screw M4	2	
60	B085070874	Washer	2	
61	※	Needle holder plate	1	
62	B900740007	Screw SM2.38	2	
63	BXF7572009	Screw M4x8	2	
64	B964756009	Washer 5	1	
65	S150220001	Bolt M5x8	1	
66	S150632004	Washer ,big 5	1	
67	234092000	Needle plate assy	1	

## 11. Thread wiper mechanism



## 12. Tension release mechanism



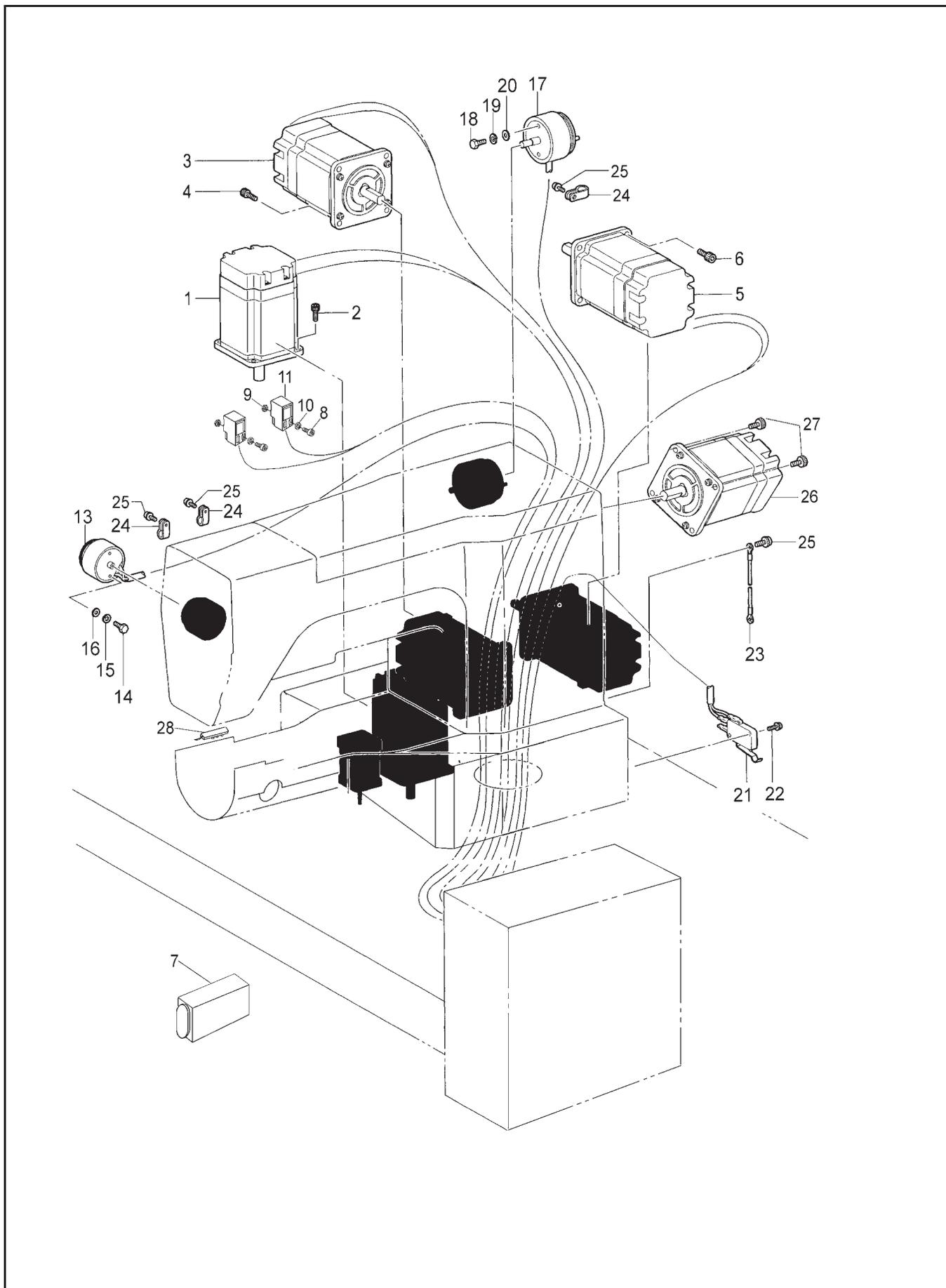
## 11. Thread wiper mechanism

No.	Ref.No.	Description	Qt.	Note
1	234100001	Solenoid board	1	
2	234100002	block U	1	
3	234100003	Block U	1	
4	J01540020	Hexagonal screw M5x16	2	
5	234100006	Fixing bracket	1	
6	234101000	Link lever assy for thread wiping	1	
7	B048609004	Screw M4x10	2	
8	B085060874	Washer	2	
9	234130005	Solenoid assy for thread wiping	1	
10	S8A3101005	Screw M3x6	3	
11	BX85661889	Fixing plate for solenoid	1	
12	B048600494	Screw M4x6	2	
13	B085060874	Washer 4	2	
14	BX77490989	Solenoid cover	1	
15	B040600594	Screw M4x5	1	
16	234100004	Driven lever for thread wiping	1	
17	234100005	Set screw 6-2	2	
18	B085060874	Washer 4	1	

## 12. Tension release mechanism

No.	Ref.No.	Description	Qt.	Note
1	BXF7765009	Fixing plate for solenoid	1	
2	B956511000	Solenoid cushion	1	
3	B093609095	Bolt , M4x10	1	
4	B089600704	Nut M4	1	
5	B085060874	Washer 4	1	
6	BXF7763009	Tension release bar	1	
7	B062060768	Retaining ring E4	1	
8	B085050874	Washer 5	2	
9	BXF7762009	Spring	1	
10	BXF7761009	Solenoid cover	1	
11	BXF7750009	Shoulder screw	2	

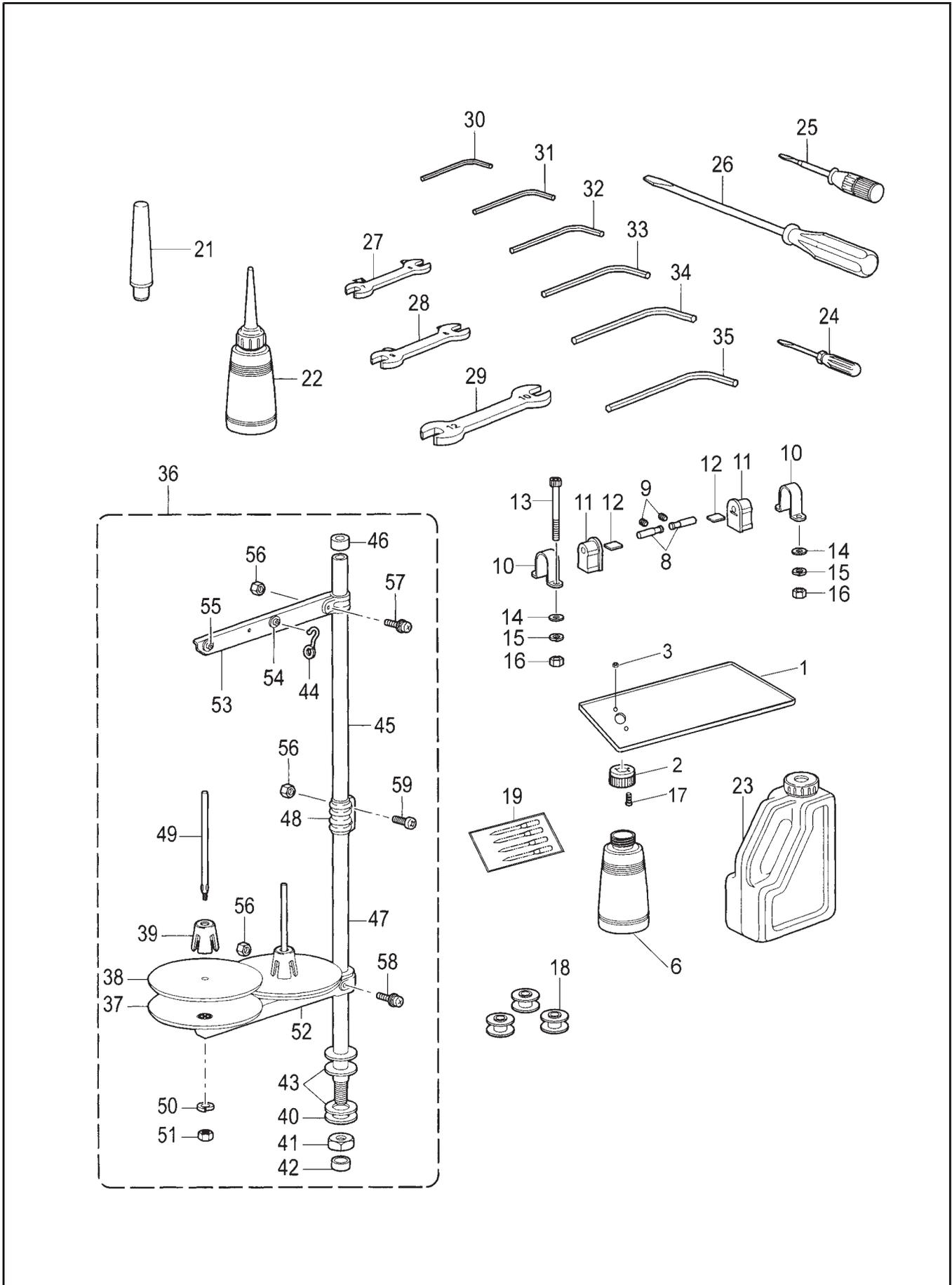
# 13. Control mechanism



### 13. Control mechanism

No.	Ref.No.	Description	Qt.	Note
1	213907002	Feeding motor assy X	1	
2	B092609074	Bolt M4X10	4	
3	213907003	Feeding motor assy Y	1	
4	B092600274	Bolt M4X8	4	
5	213907004	Foot lifting motor assy	1	
6	B092609074	Bolt M4X10	4	
7	234131000	Switch assm	1	
8	S150220069	Screw M3x25	4	
9	S120501001	Nut M3	4	
10	B085070874	Washer 3	4	
11	234132000	Detector for application feeding	1	
13	213631000	Tension release solenoid assy	1	
14	B093600208	Bolt M4x8	2	
15	B085060874	Washer, Plain 4	2	
16	S150630002	Washer, Spring 4	2	
17	213701000	Thread trimmer solenoid assy	1	
18	B093600208	Bolt M4x8	2	
19	B085060874	Washer, Plain 4	2	
20	S150630002	Washer, Spring 4	2	
21	213809000	Safety switch assy	1	
22	B0F6709605	Screws M3x14DA	2	
23	234130010	Grounding line	1	
24	213000021	Cord holder ( M )	3	
25	B0F5609004	Screws M4x10DB	4	
26	213907001	Main shaft motor assy	1	
27	S150220018	Screw M5x20	4	
28	198410000	Lamp	1	

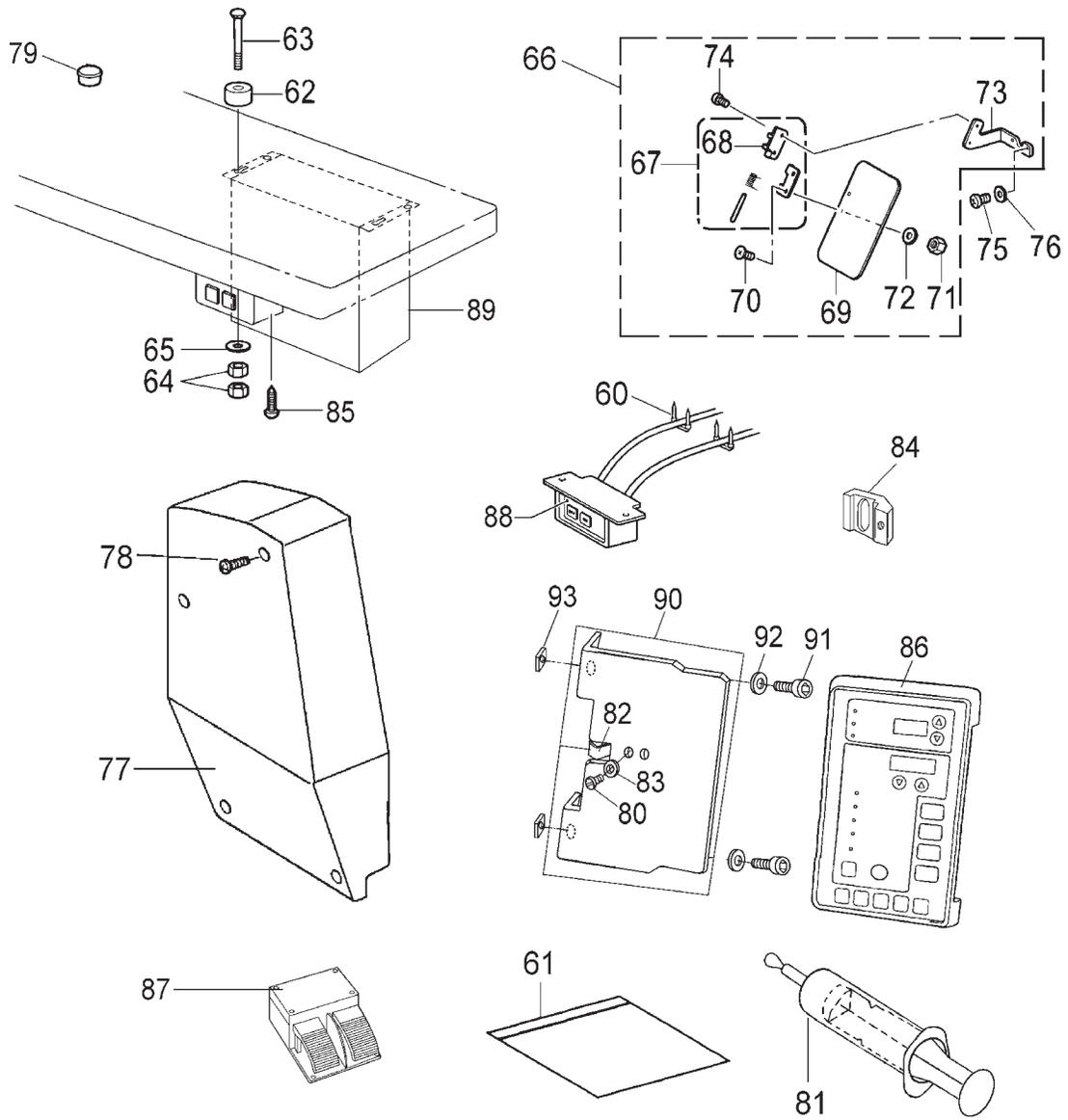
# 14. Accessories



## 14. Accessories

No.	Ref.No.	Description	Qt.	Note
1	234F02000	Oil pan assy	1	
2	B956643009	Oiler cap	1	
3	S120501001	Nut M3	2	
6	B996624008	Oiler	1	
8	BXF7726009	Pin	2	
9	B098040474	Screw M6x6	2	
10	BXF7725009	Hinge holder	2	
11	BXF7715009	Rubber cushion	2	
12	BXF7718009	Spacer	2	
13	J03840718	Bolt M6x75	4	
14	B085040774	Washer, Plain 6	4	
15	B082040864	Washer, Spring 2-6	4	
16	B089040904	Nut M6	4	
17	S150220022	Screw M3x10	2	
18	B951497059	Bobbin	3	
19	※	Needle assy	1	
21	BXF7720009	Head rest	1	
22	B996627008	Oiler assy	1	
23	BX55447009	Oil tank assy	1	
24	W050102048	Screw-driver 1.9 X52	1	
25	W050102063	Screw-driver 3.4 X70	1	
26	W050102050	Screw-driver 5.5X190	1	
27	B903331009	Wrench 6X7	1	
28	B900223009	Wrench 8X9	1	
29	B903320009	Wrench 10X12	1	
30	W050102033	Hexagonal wrench 1.5	1	
31	W050102034	Hexagonal wrench 2	1	
32	W050102040	Hexagonal wrench 2.5	1	
33	W050102035	Hexagonal wrench 3	1	
34	W050102036	Hexagonal wrench 4	1	
35	W050102037	Hexagonal wrench 5	1	
36	BX08347608	Cotton stand assy	1	
37	BX59827009	Spool stand base	2	
38	B950928000	Spool mat	2	
39	BX59828909	Spool cushion	2	
40	B950804008	Washer, Plain 16	1	
41	BX72462009	Nut	1	
42	B950936000	Column cap	1	
43	BX09005000	Rubber washer	2	
44	BX08363909	Spring	1	
45	B950938007	Column pipe	1	
46	B950936000	Column cap	1	
47	B954998007	Column pipe	1	
48	B950937007	Column joint	1	
49	B950931008	Spool shaft	2	
50	B082050864	Washer, Spring 2-5	2	
51	B089500904	Nut, M5	2	
52	BX08332008	Spool holder	1	
53	BX08323008	Thread hanger	1	
54	B950927000	Thread hanger base	2	
55	B968110009	Thread bush	2	
56	B089500904	Nut M5	4	
57	BX73072009	Screw M5X14	1	
58	BX73073009	Screw M5X32	1	
59	B048509604	Screw M5X14	2	

# 14. Accessories



## 14. Accessories

No.	Ref.No.	Description	Qt.	Note
60	B800910009	Staple	7	
61	B988119009	Accessory bag	1	
62	BX54728000	Rubber washer	4	
63	S150220068	Bolt M6X55	4	
64	B089040904	Nut M6	8	
65	B085040774	Washer, Plain 6	8	
66	213901000	Eye guard assy	1	
67	BX66627009	Hinge assy	1	
68	BX73491009	Eye guard assy	1	
69	BX66625009	Eye guard	1	
70	B049700294	Screw M3X8	2	
71	B089700904	Nut M3	2	
72	B084070874	Washer, Plain 3	2	
73	BXF6906009	Eye guard holder	1	
74	B048700504	Screw M3X5	2	
75	B048600494	Screw M4X6	2	
76	B084060974	Washer, Plain 4	2	
77	213000005	Back cover	1	
78	B048049094	Screw M6X10	4	
79	B906289009	Rubber cap 10.5	4	
80	B048700694	Screw M3x 4	2	
81	WWW8417009	Grease unit	1	
82	213000009	Spring plate	1	
83	B085070874	Washer 3	2	
84	234020026	Joint block	1	
85	S150241013	Wood screw 4x16	2	
86	213907009	Operation panel assy	1	
87	234F01000	Foot switch assy	1	
88	213907012	Power supply switch assy	1	
89	234F03001	Control box	1	
90	213000008	Control box installation board	1	
91	B092049874	Bolt M6x12	2	
92	B085040874	Washer, Plain 6	2	
93	213000010	Rubber cushion	2	

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