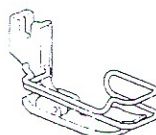
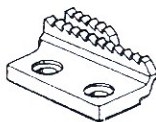
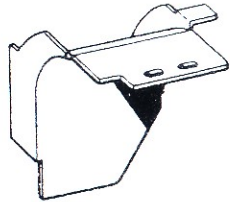
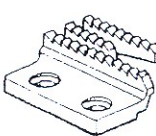
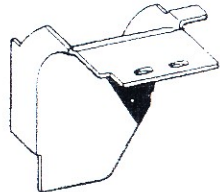
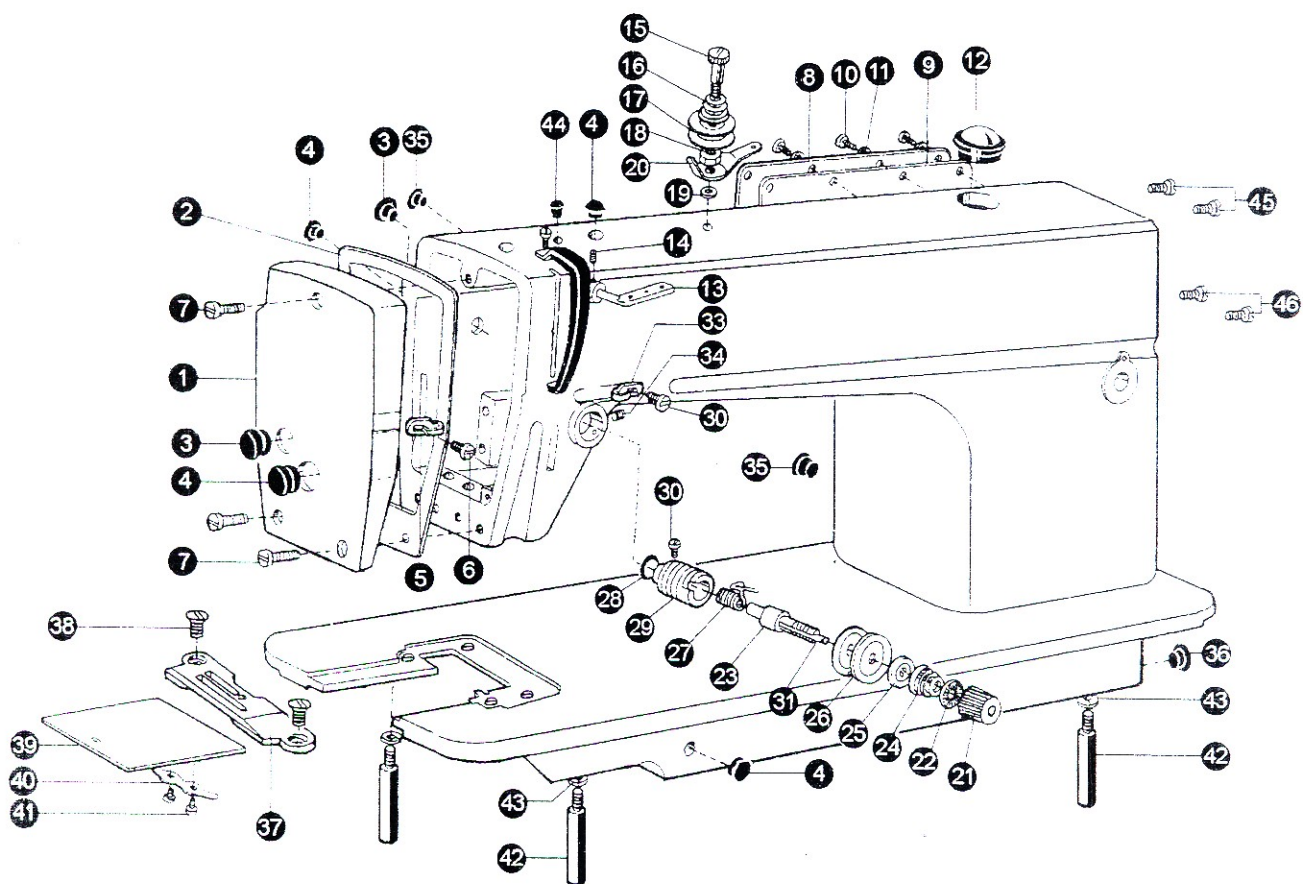


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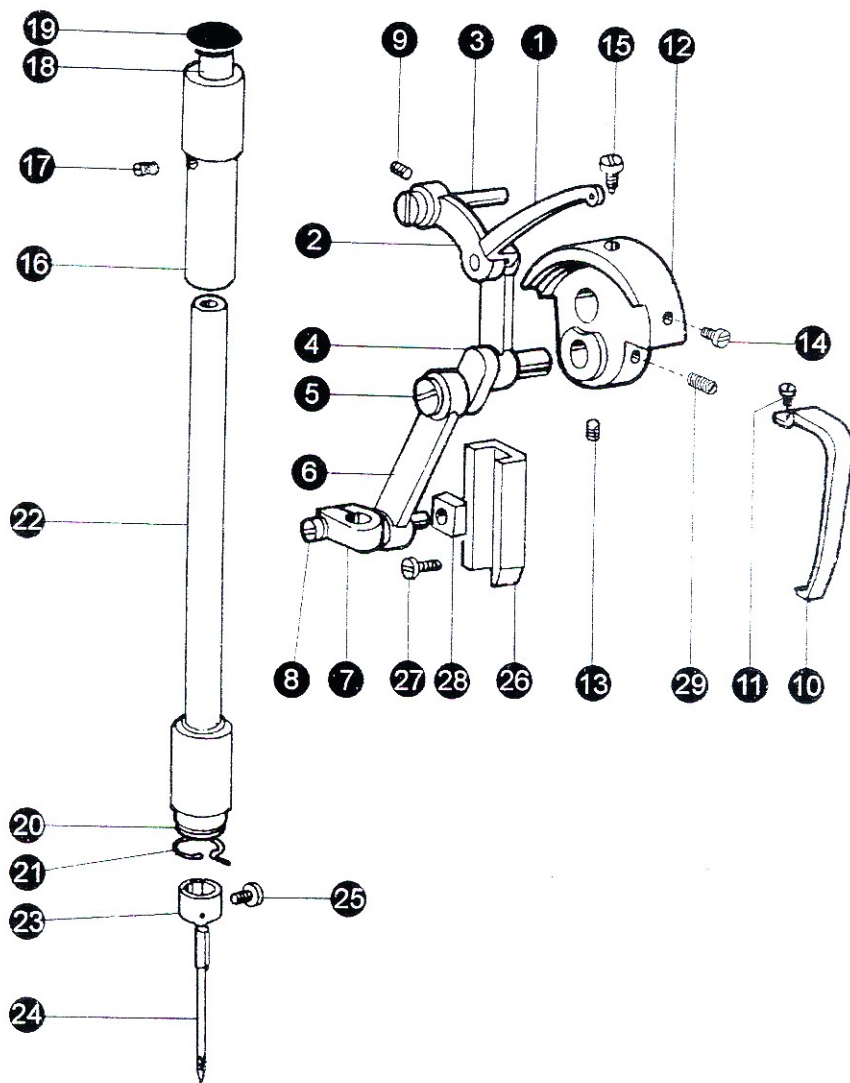
NAME OF PARTS INCH	PRESSER FOOT ASSY	NEEDLE PLATE	FEED DOG	MATERIAL GUIDE
3/32	 029702000  029701000	 029100002 2.5mm	 029600001	 029800003
1/8		 029100003 3.2mm		
5/32		 029100004 4.0mm		
3/16		 029100005 4.8mm		
1/4	 22T7-017F  153710000	 029100006 6.4mm 029100007 7.9mm	 029600002	 029800004
5/16		 029100008 9.5mm		
3/8				

These parts are optional, additional order required if you need them.



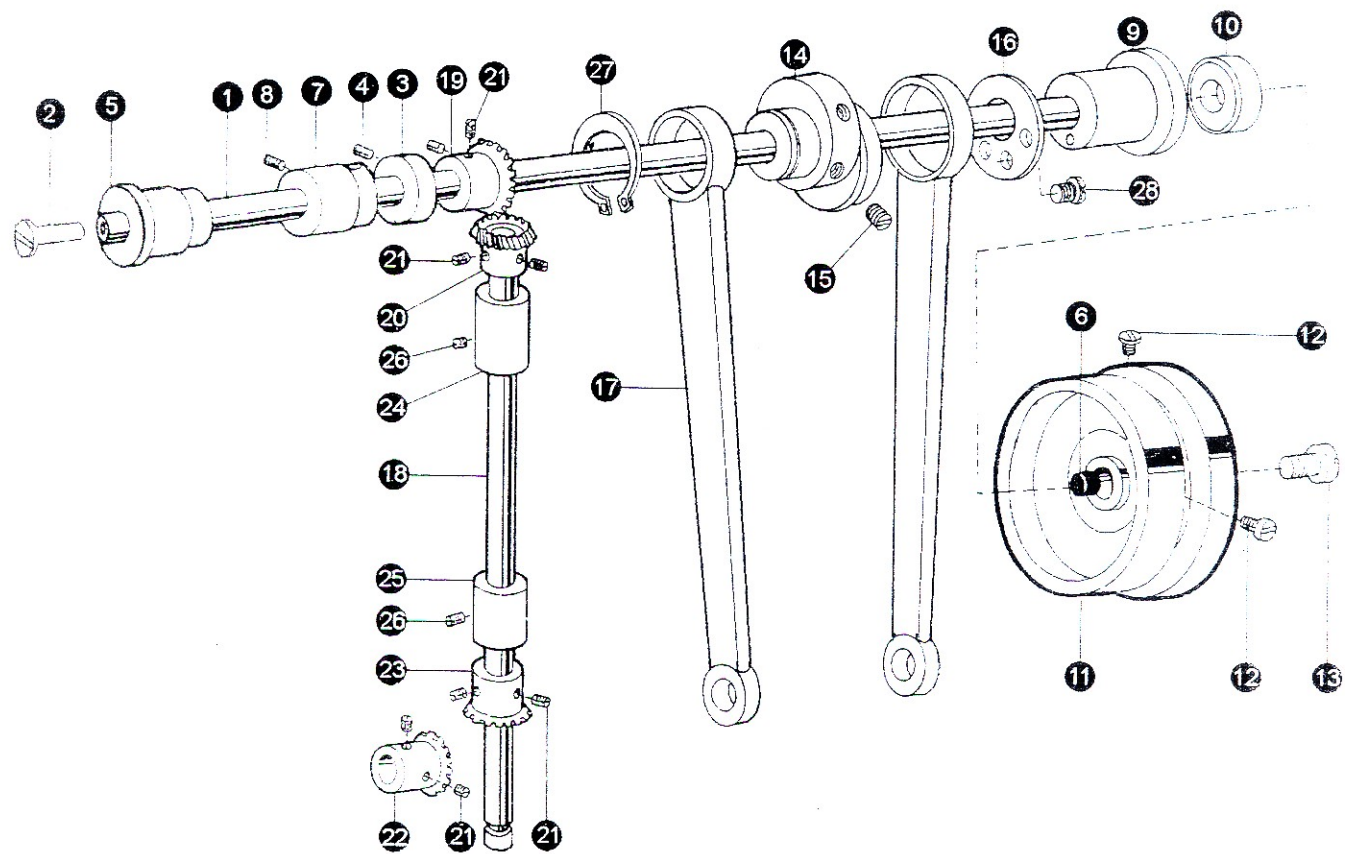
1. ARM BED AND ITS ACCESSORIES

No.	Ref. No.	Description	Qty
1	124T1 - 002B1	Face plate	1
2	124T1 - 002B2	Gasket for Face plate	1
3	22T1 - 003C3	Rubber plug	2
4	22T1 - 003C4	Rubber plug	4
5	22T1 - 003C5	Thread guide on face plate	1
6	22T1 - 003C6	Thread guide screw	1
7	22T1 - 004	Face plate screw	3
8	22T1 - 005D1	Back plate	1
9	22T1 - 005D2	Gasket for Back plate	1
10	22T1 - 006	Set screw	8
11	22T1 - 007	Washer	8
12	22T1 - 008H	oid check Window	1
13	22T1 - 010	Three hole thread guide	1
14	28T4 - 083	Set screw	1
15	22T1 - 009E1	screw	1
16	22T1 - 009E2	Spring for pre - tension	1
17	22T1 - 009E3	Discs for pre - tension	2
18	22T1 - 009E4	Washer	1
19	GB896 - 86	Spring Washer	1
20	22T1 - 009E5	thread guide for pre - tension	1
21	124T1 - 003C1	Knub for thread tension regulator	1
22	22T1 - 012F10	Thumb nut revdution stoper	1
23	22T1 - 012F1	Thread tension stud	1
24	124T1 - 003C2	Thread tension spring	1
25	22T1 - 012F4	Thread tension releasing disc	1
26	22T1 - 012F5	Thread tension disc	2
27	22T1 - 012F6	Thread take - up spring	1
28	22T1 - 012F11	Rubber ring	1
29	22T1 - 012F7	Thread tension regulating	1
30	22T1 - 012F8	Set screw	1
31	22T1 - 012F9	thread tension releasing pin	1
32	22T1 - 013	Set screw	1
33	22T1 - 014	Thread guide for arm center	1
34	22T1 - 003C6	Set screw	1
35	22T1 - 015	rubber plug	2
36	22T1 - 016	rubber plug	1
37	029100003	Needle plate	1
38	22T1 - 020	Needle plate screw	2
39	22T1 - 021G1	Slide plate	1
40	22T1 - 021G2	Spring for slide plate	1
41	22T1 - 021G3	screw	2
42	48T1 - 005	Leg	3
43	GB93 - 87	Washer	3
44	22T1 - 017	Rubber plug	1
45	22T1 - 006	Screw	2
46	22T8 - 009	Screw	2



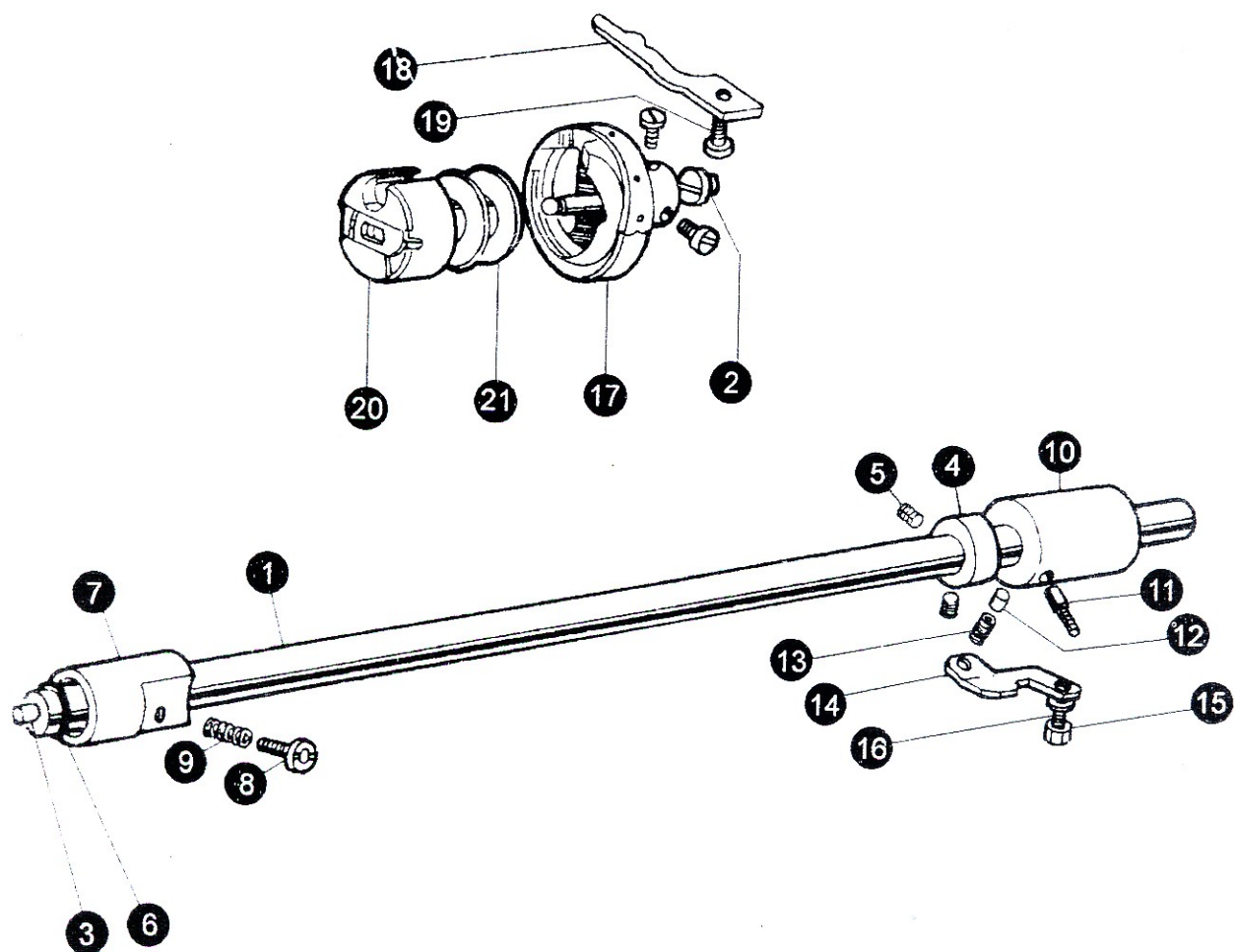
2. NEEDLE BAR AND THREAD TAKE - UP MECHANISM

No.	Ref. No.	Description	Qt.
1	22T2 - 001A1a	Thread teke - up lever	1
2	22T2 - 001A2	Thread take - up link	1
3	22T2 - 001A3	Thread take - up lever hinge pin	1
4	029211000	Thread take - up crank	1
	22T2 - 001A5	Needle roller bearing	2
5	22T2 - 001A6	Set screw (left hand thread.)	1
6	22T2 - 001A7b	Needle bar link ass	1
7	22T2 - 001A8	Needle bar connecting bar joint	1
8	22T2 - 001A9	Screw	1
9	22T2 - 002	Screw	1
10	36T2 - 007	Take - up lever guard	1
11	22T2 - 004	Screw	1
12	029200001	Needle bar crank	1
13	22T2 - 005B2	Screw	1
14	22T2 - 006	Screw	1
15	22T2 - 007	Needle bar position screw	1
16	22T2 - 008	Needle bar bushing (upper)	1
17	22T2 - 009	Set screw	1
18	22T2 - 010	Felt piug	1
19	22T2 - 011	Rubber plug	1
20	22T2 - 012C1	Needle bar bushing (lower)	1
21	22T2 - 012C2	Thread guide for needle bar bushing	1
22	029200002	Needle bar	1
23	029200003	Thread guide for needle	1
24	22T2 - 016	Needle (DB1) 14#	1
25	22T2 - 017	Needle clamp screw	1
26	22T2 - 018	Needle bar connecting link guide	1
27	22T2 - 019	Set screw	2
28	22T2 - 020	Slide block	1
29	22T2 - 005B3	Thread take - up crank position screw	1



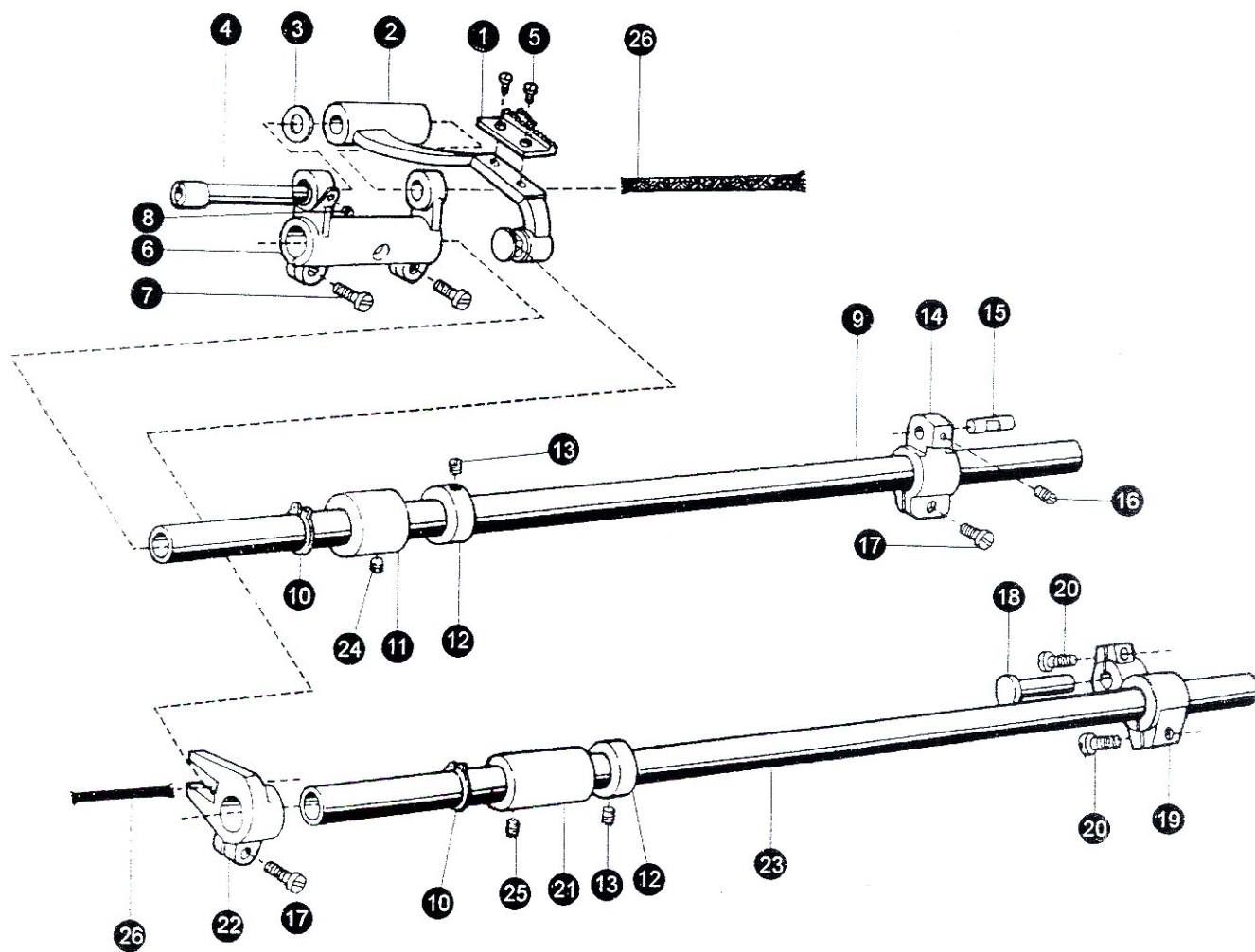
3. ARM SHAFT AND VERTICAL MECHANISM

No.	Ref. No.	Description	Qt.
1	029300001	Arm shaft	1
2	124T3 - 001A2	Adjusting screw	1
3	22T3 - 002B1	Collar for arm shaft	2
4	22T3 - 002B2	Set screw	1
5	22T2 - 003	Arm shaft bushing (left)	1
6	22T3 - 001A2	Oil felt	1
7	22T3 - 004	Arm shaft bushing (Middle)	1
8	22T2 - 002	Set screw	1
9	124T3 - 003C1	Arm shaft bushing (right)	1
10	124T3 - 003C2	Oil seal	1
11	153310001	Balance wheel	2
12	22T3 - 007C2	Set screw	1
13	22T3 - 008	Set screw	1
14	36T3 - 002	Eccentric wheel	2
15	22T1 - 013	Eccentric wheel screw	1
16	36T3 - 004	Spacer	1
17	22T3 - 009D1c	Crank rod for lifting rock shaft	1
18	22T3 - 010E1	Vertical shaft	1
19	22T3 - 010E2a1 - 2	Bevel gear for arm shaft	1
20	22T3 - 010E2a2 - 2	Bevel gear for vertical shaft (upper)	8
21	22T2 - 005B3	Set screw	1
22	22T3 - 010E2b1 - 2	Bevel gear for hook shaft	1
23	22T3 - 010E2b2 - 2	Bevel gear for Vertical shaft (lower)	1
24	22T3 - 011	Vertical shaft bushing (upper)	1
25	22T3 - 011	Vertical shaft bushing (lower)	1
26	22T2 - 002	Set screw	2
27	36T3 - 004	Spacer	1
28	100T6 - 012	Screw	3



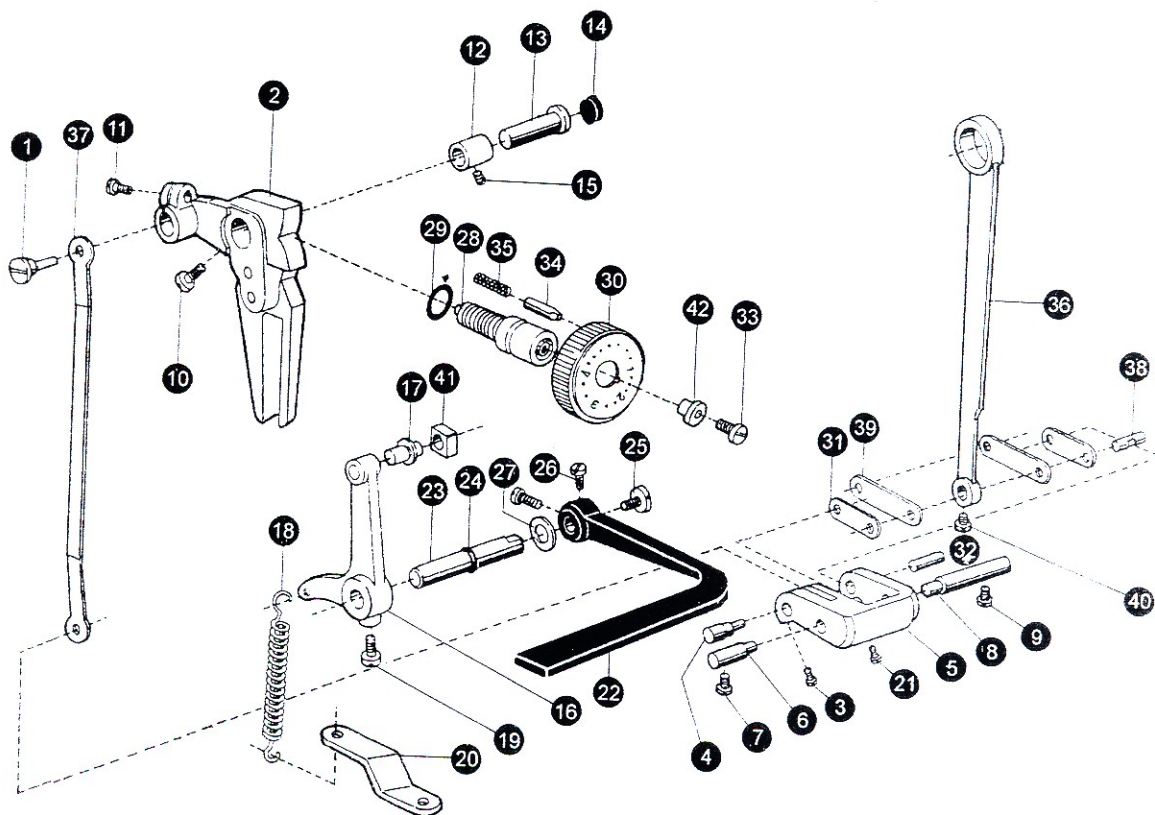
4. ROTATING HOOK MECHNISM

No.	Ref. No.	Description	Qt.
1	22T4 -001A1	Rotating hook shaft	1
2	22T4 -001A1a1	Filter screw	1
3	22T4 -001A1a2	Filter	1
4	22T4 -002B1	Coller for rotating shaft	2
5	22T2 -009	Set screw	1
6	36T4 -009G	Oil seal for rotating	1
7	36T4 -010	Rotating hook shaft bushing(left)	1
8	22T4 -005	Oil adjusting screw	1
9	22T4 -006	Spring for oil adjuster	1
10	36T4 -014F1	Rotating hook shaft bushing(right)	1
11	22T4 -007C2	Oil pipe for hook shaft bushing	1
12	36T4 -015	Plunger	1
13	36T4 -016	Plunger spring	1
14	22T4 -010	Guide plate	1
15	22T8 -009	Screw	1
16	GB93 -87	Spring washer	1
17	22T4 -011D	Rotating hook	2
18	22T4 -013	Rotating hook positioner	1
19	22T4 -015	Screw	1
20	22T4 -016F	Bobbin case	1
21	36T4 -006	Bobbin	1



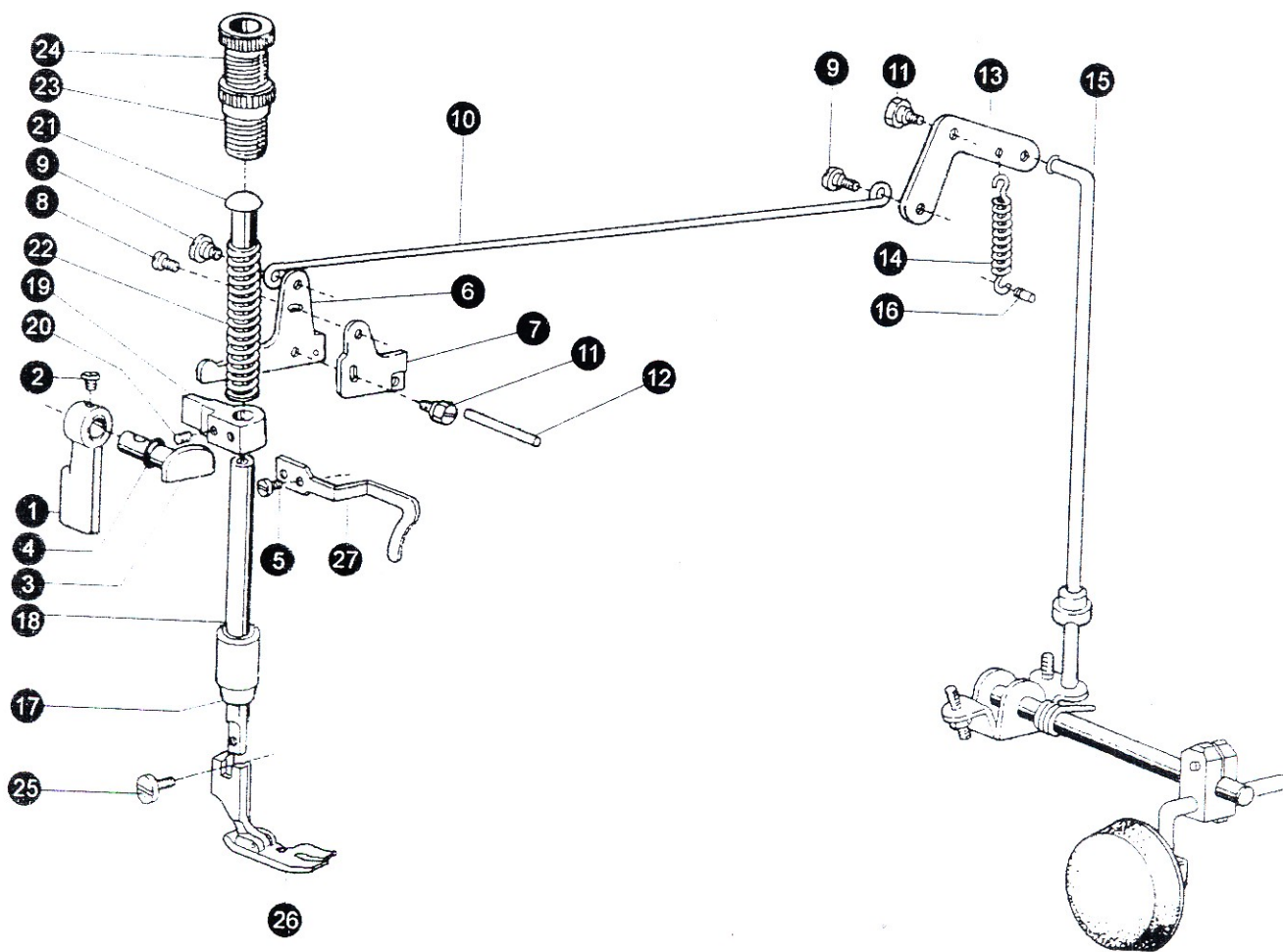
5. FEEDING AND FEED LIFTING MECHANISM

No.	Ref. No.	Description	Qt.
1	029600001	Feed dog	1
2	36T4 - 001A1a	Feed bar	1
3	22T6 - 001A6	Washer	1
4	36T4 - 001A2	Feed bracket shaft	2
5	22T6 - 001A4	Screw	1
6	22T6 - 001A1a	Feed rock bracket shaft arm	2
7	22T6 - 001A1b	Screw	1
8	22T2 - 019	Screw	1
9	124T6 - 002	Feed rock shaft	2
10	GB894.1 - 86	C - type stop ring	1
11	124T6 - 001	Feed rock shaft bushing	2
12	22T6 - 005B1	Collar	4
13	22T3 - 002B2	Set screw	1
14	36T4 - 003	Feed rock shaft crank (right)	1
15	36T4 - 004H01	Feed link stop	1
16	36T5 - 008E5	Set screw	2
17	22T6 - 008D3	Screw	1
18	22T6 - 007	Hinge	1
19	36T4 - 017	Feed lifting shaft crank (right)	2
20	22T6 - 016	Screw	1
21	22T6 - 012	Bushing for feed lifting shaft	1
22	36T4 - 018H1D1	Feed lifting shaft crank	1
23	124T6 - 003	Feed lifting rock shaft	1
24	22T2 - 009	Set screw	1
25	22T2 - 002	Set screw	1
26	36T4 - 001A3	Wick	2



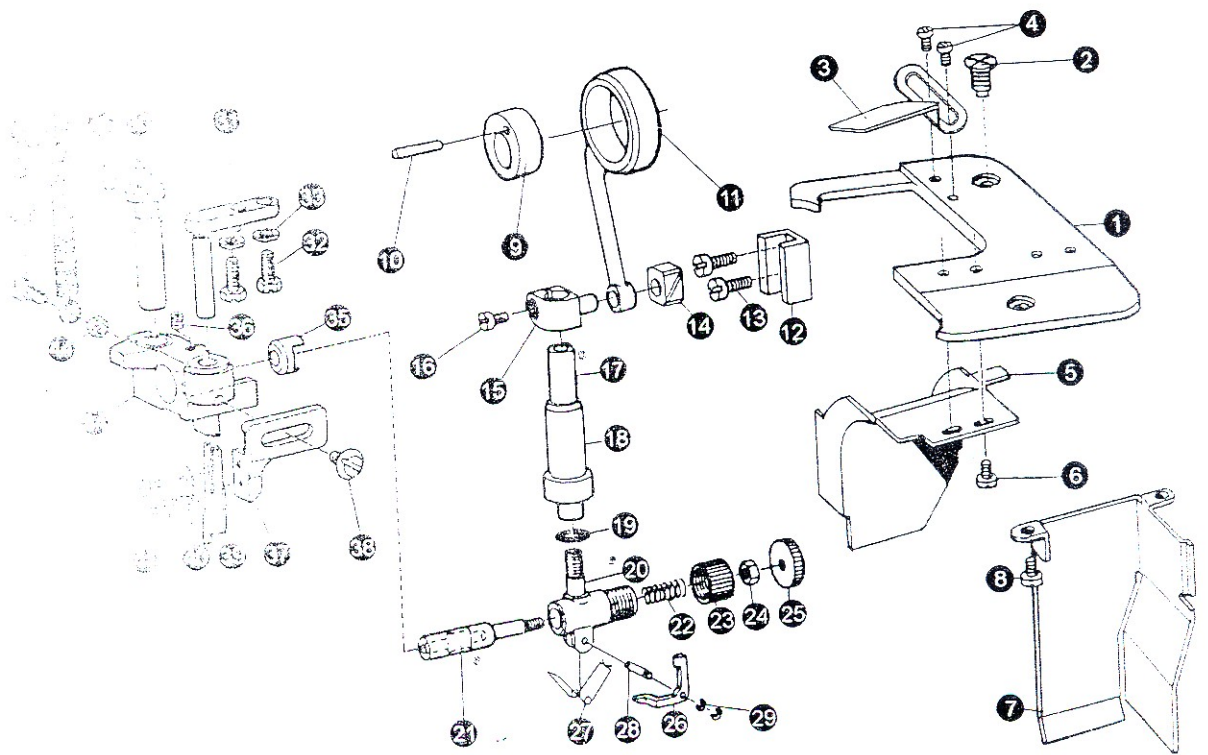
6. STITCH LENGTH REGULATING MECHANISM

No.	Ref. No.	Description	Qt.
1	36T5 -001	Connecting stud	1
2	57T5 -001	Feed regulator	1
3	36T5 -008E8	Screw	1
4	36T5 -008E9	Lever link eccentric shaft	1
5	36T5 -008E10	Lever regulator	1
6	36T5 -009H02	Pin(left)	1
7	22T6 -008D3	Screw	1
8	36T5 -009H01	Pin(right)	1
9	22T6 -008D3	Screw	1
10	22T5 -010D4	Screw of feed regulator	1
11	22T2 -019	Screw	1
12	22T5 -003	Feed regulator bushing	1
13	22T5 -004	Feed regulator shaft	1
14	36T5 -003	Rubber plug (Ø20)	1
15	22T2 -002	Set screw	1
16	22T5 -012E1	Back tacking crank	1
17	22T5 -012E1a1	Slide block pin	1
18	22T5 -012E2	Lever spring	1
19	22T5 -013	Set screw	1
20	22T5 -014	Bracket for spring	1
21	36T5 -008E7	Screw	1
22	22T5 -010D1	Backtacking lever	1
23	36T5 -006C1a1	Backtacking lever shaft	1
24	GB3452.1 -92	O -ring	1
25	22T5 -010D3	Screw	1
26	22T5 -010D4	Screw	2
27	22T5 -011	Washer	1
28	124T5 -001A2	Feed regulator screw	1
29	124T5 -001A3	O -ring	1
30	027500001	Knob	1
31	36T5 -008E4H01	Feed rock link	2
32	36T5 -008E6	Pin	1
33	36T5 -007D5	Screw	1
34	22T5 -008	Stopper pin	1
35	22T5 -009	Spring for stopper pin	1
36	36T5 -008E2	Lever feed connecting rod	1
37	36T5 -008E3	Feed regulator link	1
38	36T4 -004H02	Sink shaft	1
39	36T5 -008E4H02	Feed rock arm link	2
40	36T5 -008E5	Screw	1
41	22T5 -012E1a2	Crank slide block	1
42	36T5 -007D4	Bushing	1



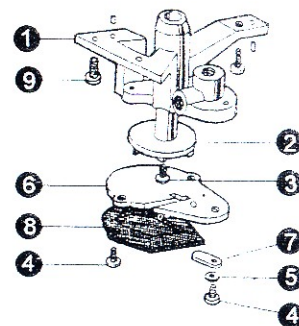
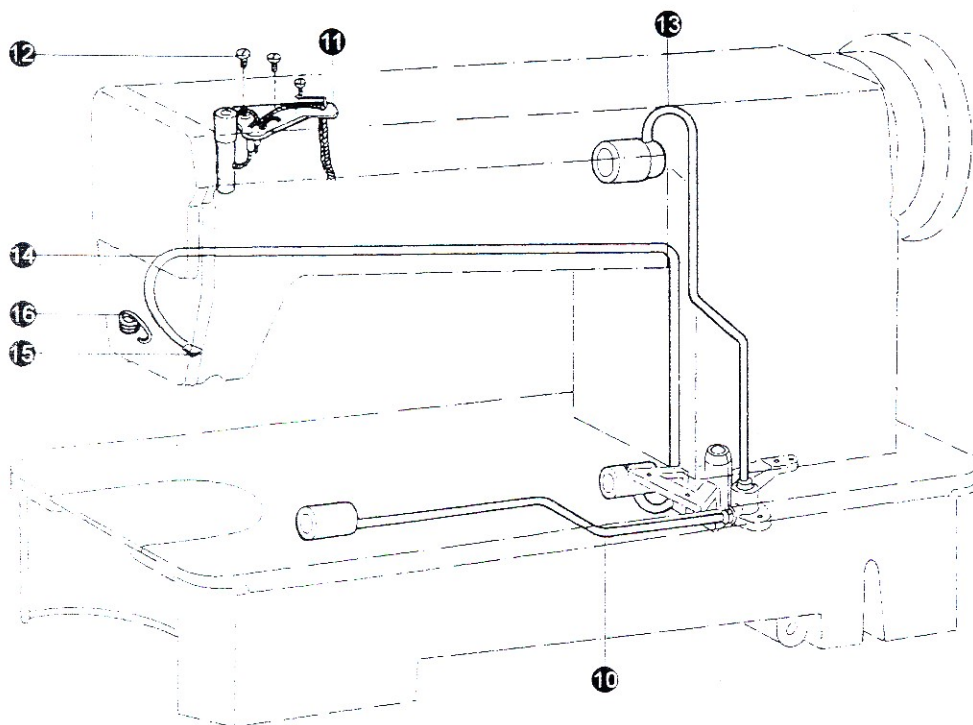
7. PRESSER FOOT MECHANISM

No.	Ref. No.	Description	Qt.
1	36T6 - 001A1	Presser bar lifter	1
2	58T6 - 001A1a6	Set screw	1
3	36T6 - 002B1	Eccentric wheel for presser bar	1
4	GB3452. 1 - 92	Oil seal for presser bar	1
5	22T2 - 004	Screw	1
6	36T6 - 003C1a1	Knee lifter lever (left)	1
7	22T7 - 004B1b	Tension releasing cam	1
8	22T7 - 004B1c	Screw	1
9	22T7 - 004B2	Hinge screw	2
10	22T7 - 004B3	Knee lifter rod	1
11	22T7 - 005	Bolt for tension releasing cam	2
12	22T7 - 006	Tension releasing pin	1
13	22T7 - 007C1	Knee lift lever (right)	1
14	22T7 - 007C2	Spring for knee lift lever(right)	1
15	22T7 - 007C3	Knee lifter connecting rod	1
16	22T7 - 008	Pin for spring	1
17	22T7 - 009	Presser bar bushing	1
18	029700001	Presser bar	1
19	22T7 - 011D1	Presser bar lifting bracket	1
20	22T1 - 013	Set screw	1
21	22T7 - 012	Presser bar guide	1
22	22T7 - 013	Presser spring	1
23	22T7 - 014E1	presser regulating thumb screw	1
24	22T7 - 014E2	Lock nut	1
25	58T1 - 022	Presser foot screw	1
26	029702000	Presser foot complet	1
27	36T6 - 009	Slack thread regulator	1



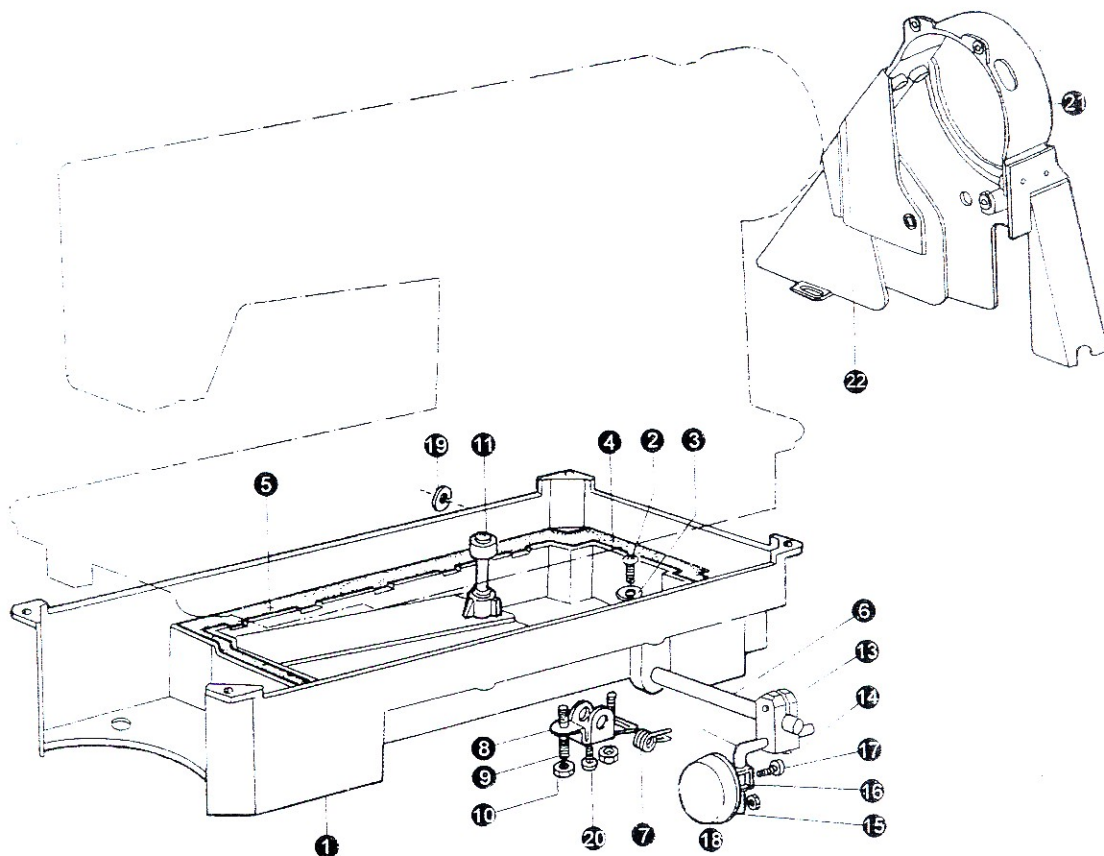
8. KNIFE COMPOENTS

No	Ref. No.	Description	Qty
1	029800001	Throat plate	1
2	22T1 - 020	Screw	2
3	029800002	Waste material guide	1
4	22T8 - 01104	Screw	2
5	029800003	Waste material chute	1
6	28T3 - 034	Screw	2
7	029800005	Waste material guard	1
8	22T2 - 001A9	Screw	2
9	029800006	Knife driving eccentric cam	1
10	GB119 - 86	Knife driving eccentric cam pin	1
11	029800007	Knife driving rod	1
12	029800008	Slide block guide	1
13	22T2 - 019	Screw	2
14	22T9 - 020	Crank slide block	1
15	029800009	Knife driving stud connection asm	1
16	36T5 - 008E8	Screw	1
17	029800010	Knife driving stud	1
18	029800011	Bushing	1
19	GB9452.1 - 82	Rubber ring	1
20	029800012	Knife driving rod clutch retainer	1
21	029800013	Knife driving rod clutch pin	1
22	029800014	Spring	1
23	029800015	Cap	1
24	28T1 - 035	Nut	1
25	029800016	Knob	1
26	029800017	Knife release lever	1
27	029800018	Spring	1
28	029800019	Pin	1
29	GB896 - 86	Snap ring	2
30	029800020	Knife driving block stud	1
31	029800021	Guide stud for knife driving block	1
32	GB29.1 - 88	Bolt	2
33	22T1 - 007	Washer	2
34	029801000	Knife driving block asm	1
35	029801004	Clutch pin bushing	1
36	28T7 - 004	Screw	1
37	029800022	Knife holder	1
38	029800023	Screw	1
39	029800024	Knife	1
40	029800025	Washer	1
41	36T7 - 001A6	Screw	2
42	029800026	Tension spring	1
43	22T1 - 006	Screw	1
44	28T1 - 035	Nut	1
45	22T8 - 009	Screw	1
46	22T9 - 001A10	Nut	1



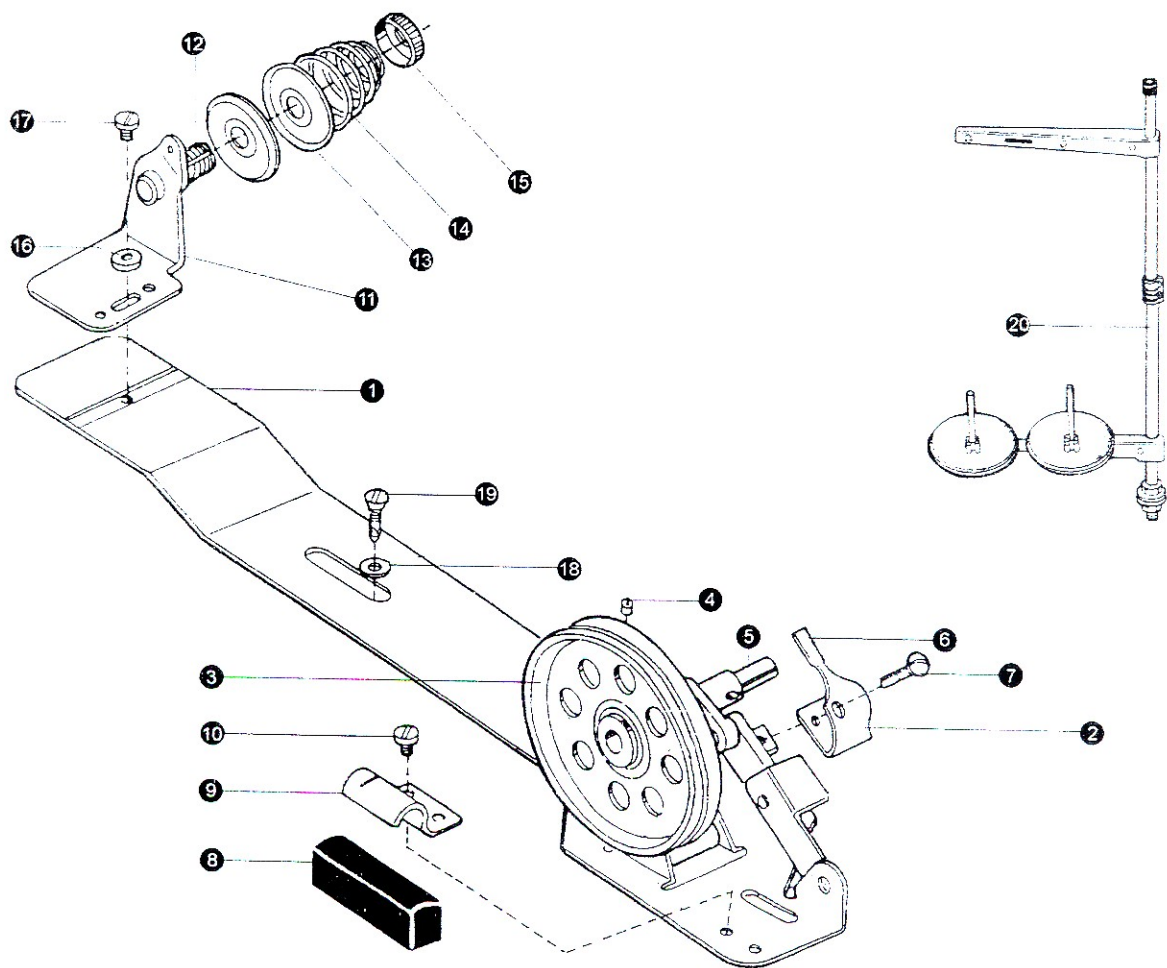
9. LUBRICATION MECHANISM

No	Ref. No	Description	Q'ty
1	22T8-001	Oil pump body	1
2	22T8-002	Oil pump impeller	1
3	22T8-003	Screw	1
4	22T8-004	Screw	3
5	GB93-87	Spring washer	1
6	22T8-006	Oil pump fitting plate	1
7	22T8-007	Oil adjusting plate	1
8	22T8-008A	Oil pump screen complete	1
9	22T8-009	Screw	3
10	36T10-001A	Oil pipe for hook shaft	1
11	029910000	Oil braid fitting plate	1
12	22T7-015	Screw	2
13	22T8-013D	Oil pipe for arm shaft	1
14	22T8-014	Oil returning pipe	1
15	22T8-015	Felt pouch for return oil filter	1
16	36T10-002	Oil returning pipe holder	1



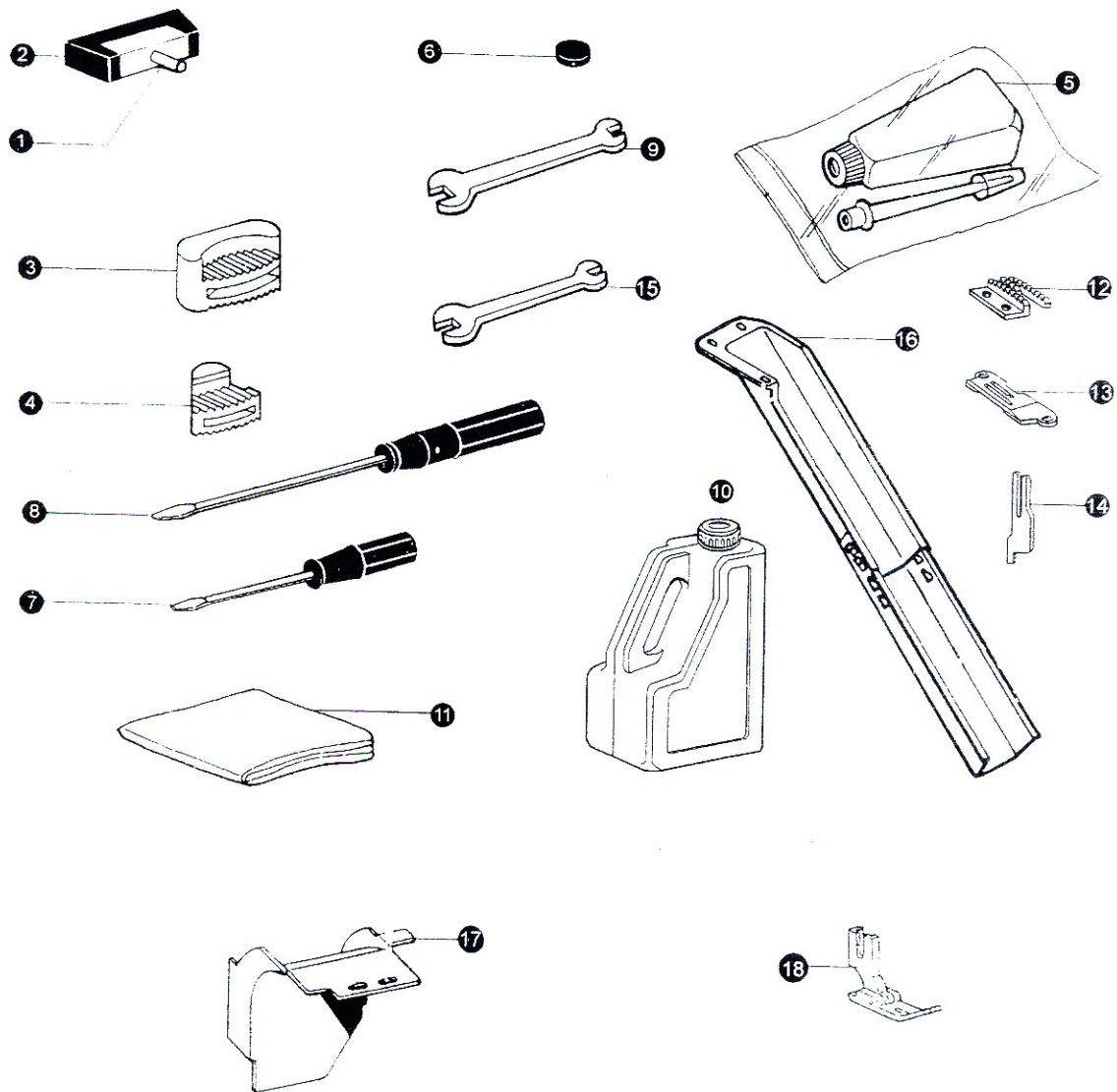
10. OIL RESERVOIR AND OTHER ACCESSORIES

No.	Ref. No.	Description	Qty
1	029F00001	Oil reservoir	1
2	22T9 - 001A2	Oil drain screw	1
3	22T9 - 001A3	Washer	1
4	22T9 - 001A4	Gasket for oil reservoir (S)	1
5	22T9 - 001A5	Gasket for oil reservoir (B)	1
6	22T9 - 001A6	Hinge pin for knee lifter lever	1
7	22T9 - 001A7	Back spring for knee lifter	1
8	22T9 - 001A8	Knee lifter stop bracket	1
9	22T9 - 001A9	Adjusting screw	2
10	22T9 - 001A10	Lock nut	2
11	22T9 - 003B1	Knee lifter lifting rod	1
12	22T9 - 003B2	Knee lifter bell crank	1
13	22T9 - 003B3	Knee lifter bell crank joint	1
14	GB5781 - 86	Set screw	2
15	22T9 - 003B5	Knee lifter plate	1
16	22T9 - 003B6	Bracket for knee lifter plate	1
17	22T9 - 003B7	Set screw	1
18	22T9 - 003B8	Pat for knee lifter plate	1
19	GB896 - 86	C - type stop ring	1
20	22T9 - 036	Screw	1
21	124T9 - 003B	Belt cover	1
22	124T9 - 004C	Belt cover (S)	1



11. BOBBIN WINDER, SPOOL STAND MECHANISM

No	Ref. No	Description	Qty
1	6F0 - 001A	Bobbin winder base	1
2	6F0 - 001A6a	Bobbin winder stop latclever set	1
3	6F0 - 002	Bobbin winder pulley	1
4	01/B112	Screw	1
5	6F0 - 003	Bobbin winder spindle	1
6	6F0 - 004 - 1	Bobbin winder stop latch	1
7	6F0 - 005	Adjusting screw	1
8	6F0 - 006	Stopper block	1
9	6F0 - 007	Stopper block clamp	1
10	6F0 - 008	Set screw	1
11	6F0 - 009B1b1	Bobbin winder tension bracket	1
12	17T7 - 017	Bobbin winder tension stud	2
13	22T1 - 012F5	Bobbin winder tension discs	1
14	22T1 - 012F3	Bobbin winder tension spring	1
15	J2.2.7	Tension stud nut	1
16	BQ10021	Washer	1
17	.2T2 - 004	Tension bracket screw	2
18	GB848 - 85	Washer	2
19	GB99 - 86	Wood screw	1
20	GXJ - 2	Spool stand	



12. ACCESSORIES

No.	Ref. No.	Description	Qt.
1	22T9 - 007F1	Hinge of machine head	2
2	22T9 - 007F2	Hinge socket of machine	2
3	22T9 - 009	Rubber cap(B)	2
4	22T9 - 010	Rubber cap(S)	1
5	22T9 - 011	Oil pot	1
6	22T9 - 012	Magnet	1
7	22T9 - 013	Screw driver(B)	1
8	22T9 - 015	Screw driver(S)	1
9	22T9 - 016	Double end wrench(B)	1
10	22T9 - 017	Oil can	1
11	22T9 - 018	Vinyl couer	1
12	029600002	Feed doy	1
13	029100005	Needle plate	1
14	029800021	Knife	1
15		Double end wrench(S)	1
16	029F00002	Waste material chute	1
17	029800004	Material guide	1
18	22T7 - 017F	Press foot complete	1