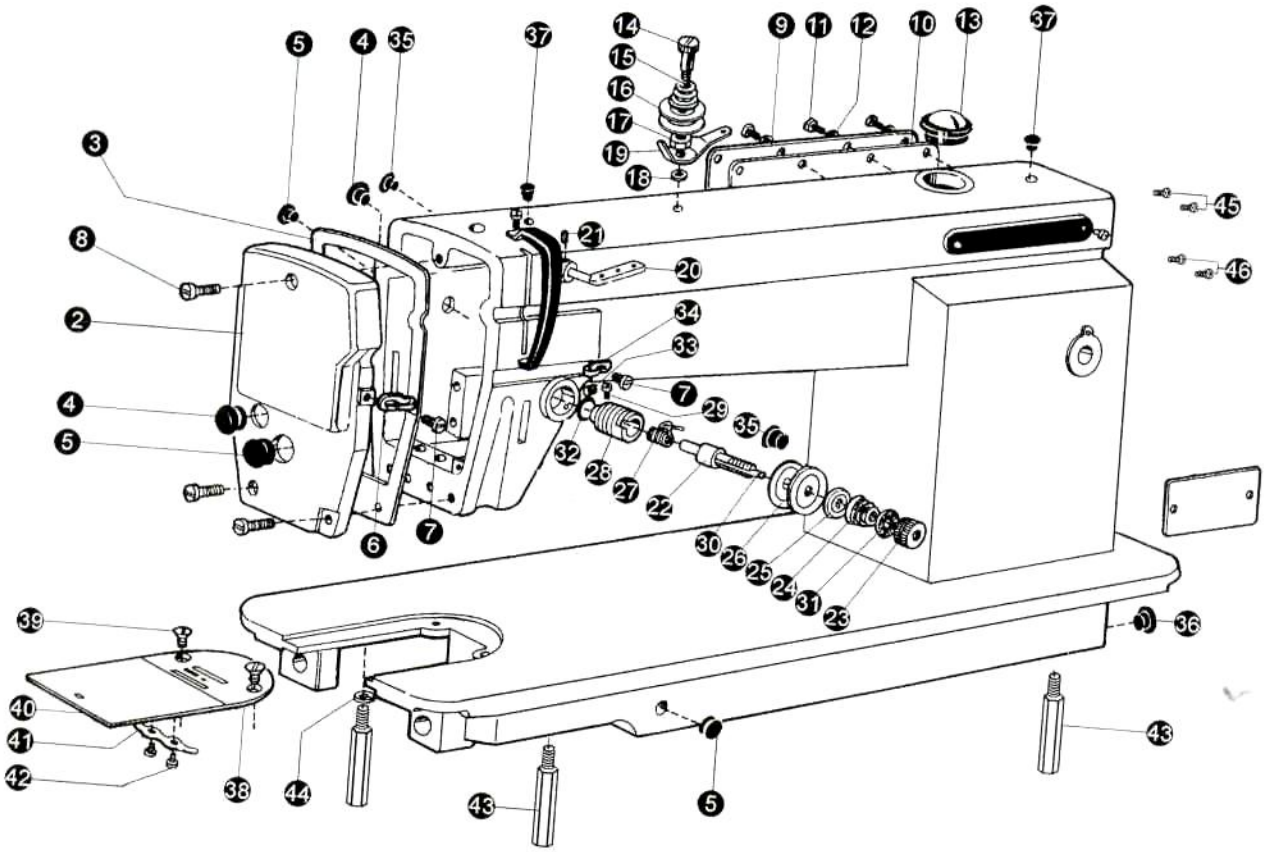
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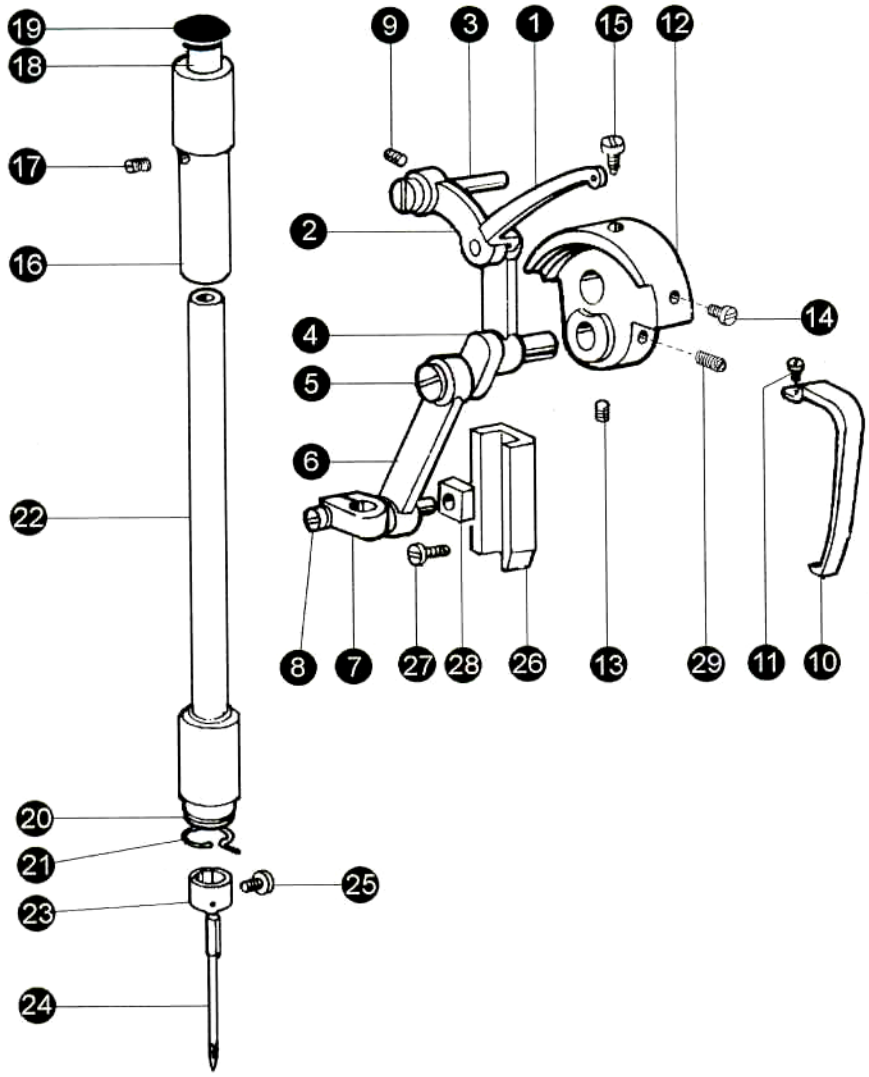
1. ARM BED AND ITS ACCESSORIES

No.	Ref. No.	Description	Qt.
1			
2	*	Face plate	1
3	22T1 -003C2	Gasket for Face plate	1
4	22T1 -003C3	Rubber plug(Ø19)	2
5	22T1 -003C4	Rubber plug (Ø11.8)	4
6	*	Thread guide on face plate	1
7	22T1 -003C6	Thread guide screw	2
8	22T1 -004	Face plate screw	3
9	22T1 -005D1	Arm side cover	1
10	22T1 -005D2	Gasket for arm side cover	1
11	22T1 -006	Arm side cover screw	8
12	22T1 -007	Washer	8
13	22T1 -008H	oid check Window	1
14	22T1 -009E1	Screw type tension stud	1
15	22T1 -009E2	Spring for pre -tension	1
16	22T1 -009E3	Discs for pre -tension	2
17	22T1 -009E4	Spacer for pre -tension	1
18	GB896-76	Stop ring	1
19	22T1 -009E5	Thread guide for pre -tension	1
20	22T1 -010	Three hole thread guide	1
21	22T1 -011	Set screw	1
22	22T1 -012F1	Thread tension stud	1
23	22T1 -012F2	Thumb nut thread tension regulator	1
24	*	Thread tension spring	1
25	22T1 - 012F4	Thread tension releasing disc	1
26	22T1 -012F5	Thread tension disc	2
27		Thread take -up spring	1
28	22T1 -012F7	Thread tension regulating bushing	1
29	22T1 -012F8	Set screw	1
30	22T1 -012F9	Thread tension releasing pin	1
31	22T1 -012F10	Thumb nut revolution stopper	1
32	22T1 -012F11	Rubber ring	1
33	22T1 -013	Set screw	1
34	*	Thread guide for arm center	1
35	22T1 -015	Rubber plug(Ø8. 8)	2
36	22T1 -016	Runner plug(Ø27)	1
37	22T5-017	Red rubber plug (Ø5. 7)	2
38	22T1 -018	Needle plate(B1.6)	1
39	22T1 -020	Needle plate screw	2
40	22T1 -021G1	Slide plate	1
41	22T1 -021G2	Spring for slide plate	1
42	22T1 -021G3	Screw	2
43	48T1 -005	Leg	3
44	GB93-87	Spring washer	3
45	22T1 -006	Screw (small)	2
46	22T8-009	Screw (big)	2
		GC6-8 GC6130H GC6-9	
38	48T1 -004	Needle plate	1
		GC6-8A GC6-9A	
38	78T1 -006	Needle plate	1
		GC6-8B GC6-9B	
38	95T1 -001	Needle plate	1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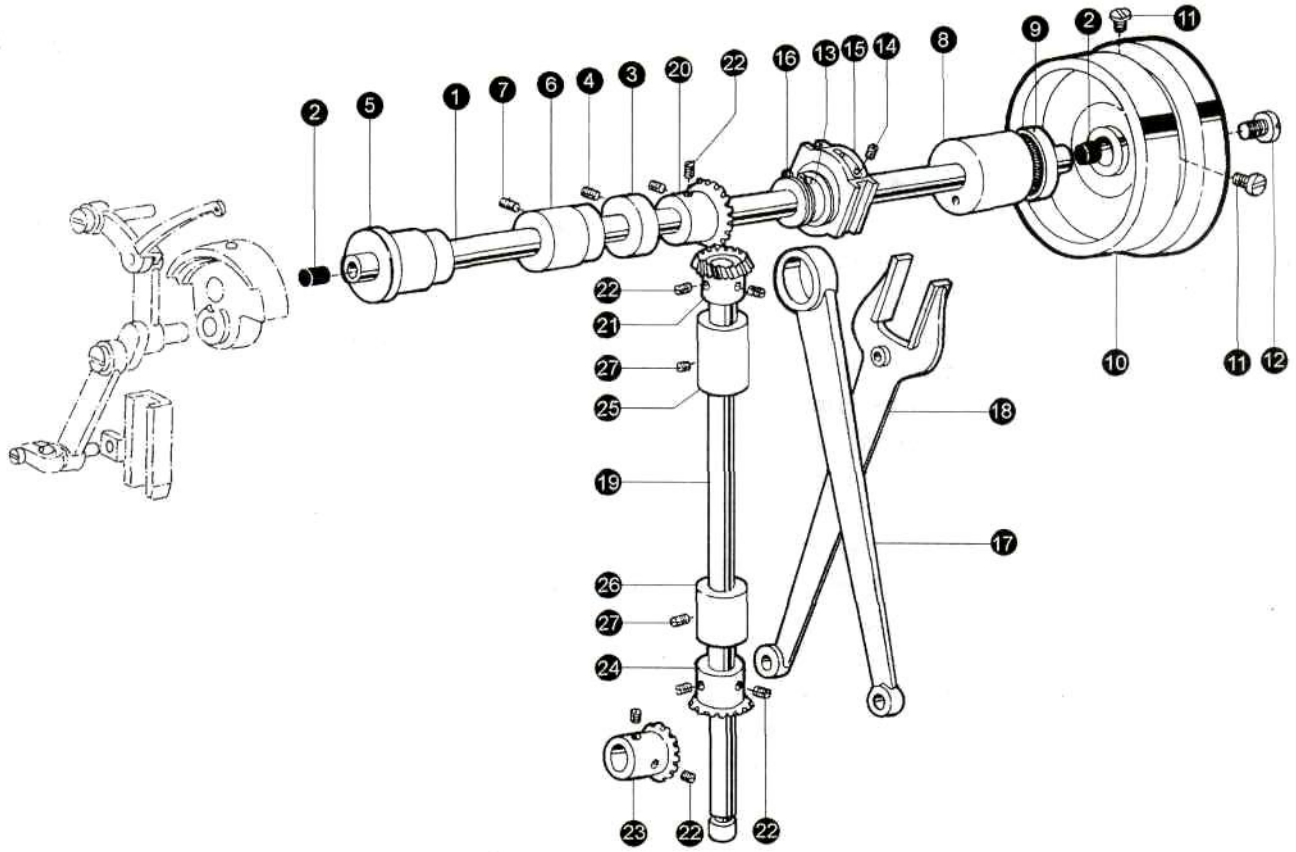
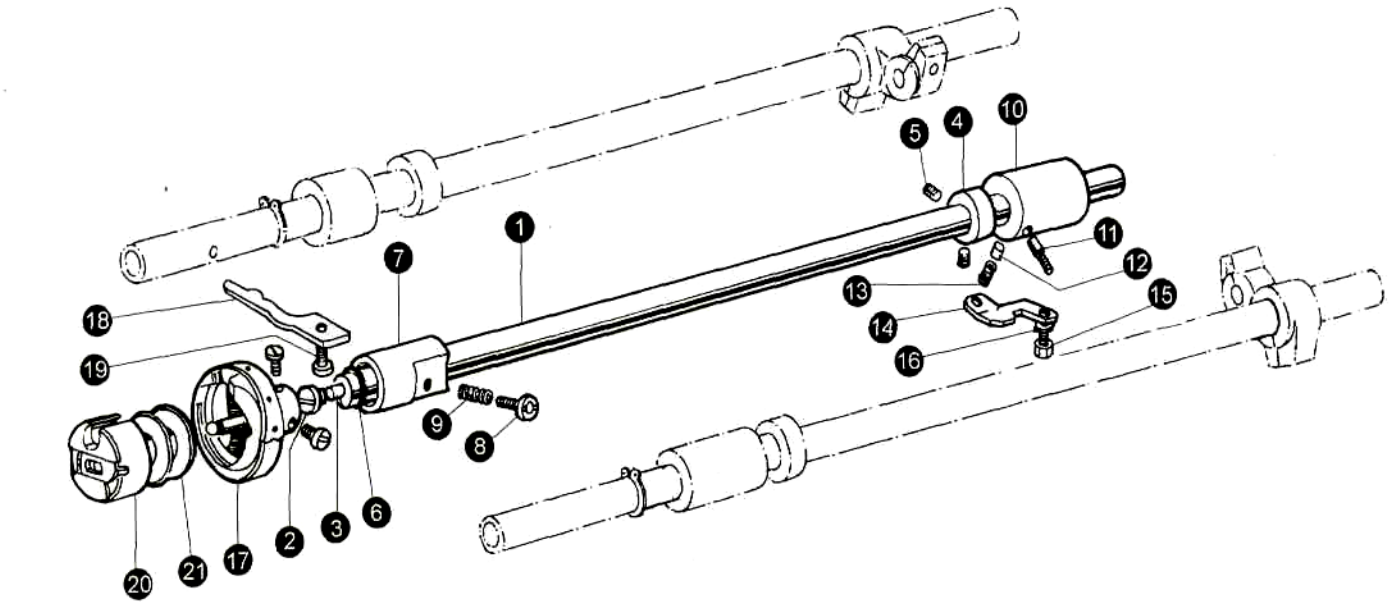
2. NEEDLE BAR AND THREAD TAKE -UP MECHANISM

No.	Ref. No.	Description	Qt.
1	*	Thread take - up lever	1
2	22T2 -001A2	Thread take -up link	1
3	22T2-001A3	Thread take -up lever hinge pin	1
4	*	Thread take -up crank	1
	22T2-001A5	Needle roller bearing	2
5	22T2-001A6	Set screw (left hand thread.)	1
6		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	*	Take -up lever guard	1
11	22T2 -004	Screw	1
12	*	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 plug	1
19	22T2 -011	Red rubber plug(Ø8. 8)	1
20	*	Needle bar bushing (lower)	1
21	22T2 -012C2	Thread guide for needle bar bushing	1
22	*	Needle bar	1
23	*	Thread guide for needle	1
24	*	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



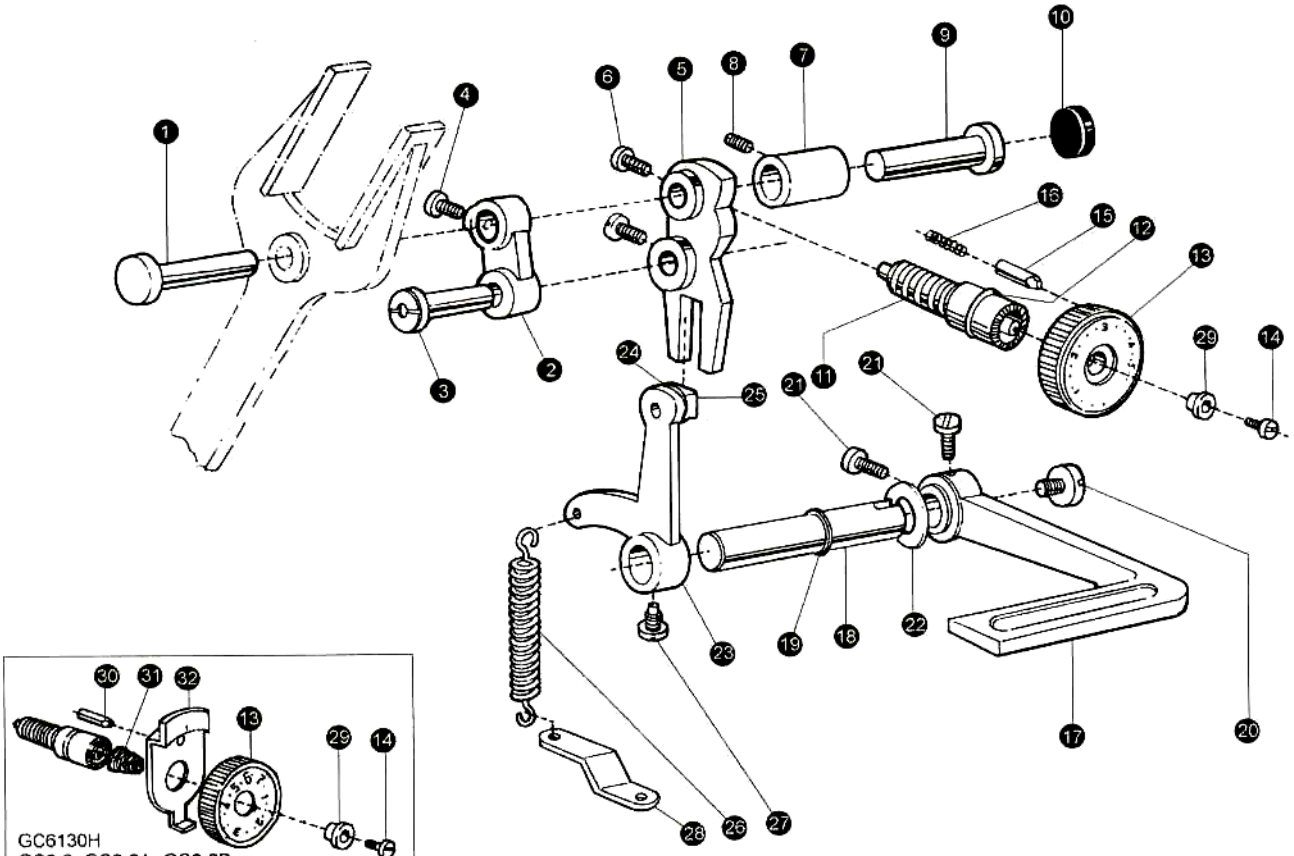
3. ARM SHAFT AND VERTICAL SHAFT MECHANISM

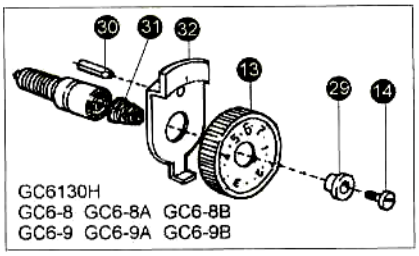
No.	Ref. No.	Description	Qt.
1	22T3-001A1	Arm shaft	1
2	22T3-001A2	Rubber plug for arm shaft	2
3	22T3-002B1	Collar for arm shaft	1
4	22T2 -005B3	Set screw	2
5	22T3-003	Arm shaft bushing (left)	1
6	22T3-004	Arm shaft bushing (Middle)	1
7	22T2-002	Set screw	1
8	22T3-005	Arm shaft (right)	1
9	22T3-006F	Oil seal	1
10	*	Balance wheel	1
11	22T3 -007C2	Set screw	2
12	22T3-008	screw	1
13	22T3-009D1a1	Feed and feed lifing eccentric	1
14	22T1 -013	Set screw	2
15	22T3-009D1a2	Eccentric sleeve	1
16	22T3-009D1b	Crank rod for stepper	1
17	22T3-009D1c	Crank rod for feed lifting rock shaft	1
18	*	Feed forked connection	1
19	22T3-010E1	Vertical shaft	1
20	22T3-010E2a1 -2	Bevel gear for arm shaft	1
21	22T3-010E2a2-2	Bevel gear for vertical shaft (upper)	1
22	22T2-005B3	Set screw	8
23	22T3 -010E2b1 -2	Bevel gear for hook shaft	1
24	22T3-010E2b2-2	Bevel gear for Vertical shaft (lower)	1
25	22T3-011	Vertical shaft bushing (upper)	1
26	*	Vertical shaft bushing (lower)	1
27	22T2-002	Set screw	2



4. ROTATING HOOK MECHANISM

No.	Ref. No.	Description	Qt.
1	*	Rotating hook shaft	1
2	22T4-001A1a1	Filter screw	1
3	22T4-001A1a2	Filter	1
4	22T4-002B1	Coller for rotating shaft	1
5	22T2-009	Set screw	2
6	22T4-003G	Oil seal for rotatin hook shaft	1
7	22T4-004	Hook shaft bushing (left)	1
8	22T4-005	Oil adjusting screw	1
9	22T4-006	Spring for oil adjuster	1
10	22T4-007C1	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	GB93-76	Spring washer	1
17	*	Rotating hook	1
18	*	Rotating hook positioner	1
19	22T4-015	Screw	1
20	*	Bobbin case	1
21	*	Bobbin	1

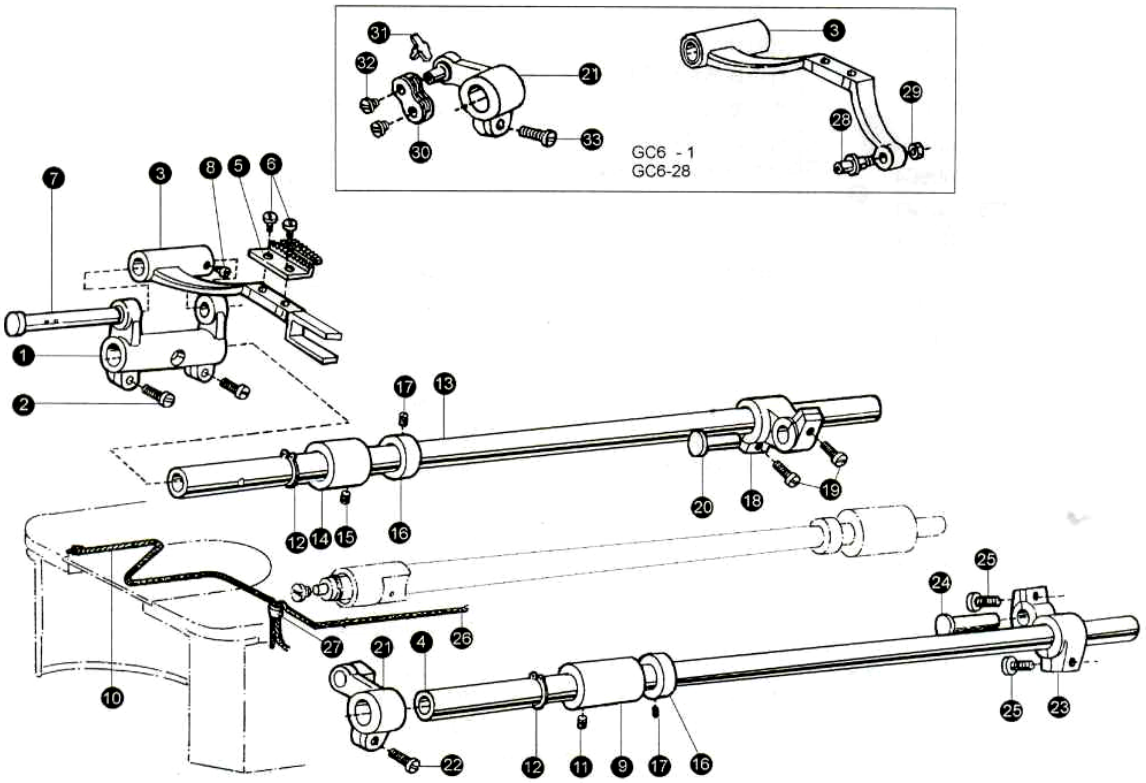




GC6130H
GC6-8 GC6-8A GC6-8B
GC6-9 GC6-9A GC6-9B

5. STITCH LENGTH REGULATING MECHANISM

No.	Ref. No.	Description	Qt.
1	22T5-001A1	Feed for hing pin	1
2	22T5-001A2	Feed connecting link	1
3	22T5-001A3	Hinge pin for feed connecting link	1
4	22T5-001A4	screw	1
5	*	Feed regulator	1
6	22T5-001A4	Set screw	2
7	22T5-003	Feed regulator bushing	1
8	22T2-002	Set screw	1
9	22T5-004	Feed regulator hinge pin	1
10	22T5-005	Rubber plug(Ø20 x 4)	1
11	36T5 -007D1	Feed regulator screw	1
12	22T5-006C4	O -ring for feed regulating screw	1
13	57T5-002A1	Dial	1
14	36T5 -007D5	Screw	1
15	22T5-008	Stopper pin	1
16	22T5 -009	Spring for stopper pin	1
17	22T5-010D1	Back tacking lever	1
18	22T5 -010D2a	Back tacking lever shaft	1
19	GB1235-76	O-ring(9 x1.9)	1
20	22T5-010D3	Screw	1
21	22T5-010D4	Screw	2
22	22T5-011	O -ring	1
23	22T5-012E1	Back tacking crank	1
24	22T5 -01 2E1 a1	Slide block pin	1
25	22T5 -012E1a2	Slide block for back tacking crank	1
26	22T5 -012E2	Spring for back tacking crank	1
27	22T5-013	Screw	1
28	22T5 -014	Bracket for spring	1
29	36T5 -007D4	Bush	1
		GC6-8 GC6130H GC6-9	
30	36T5-012	Stopper pin	1
31	36T5-011	Spring	1
32	36T5-010	Knob	1
13	48T5-002B1	Dial	1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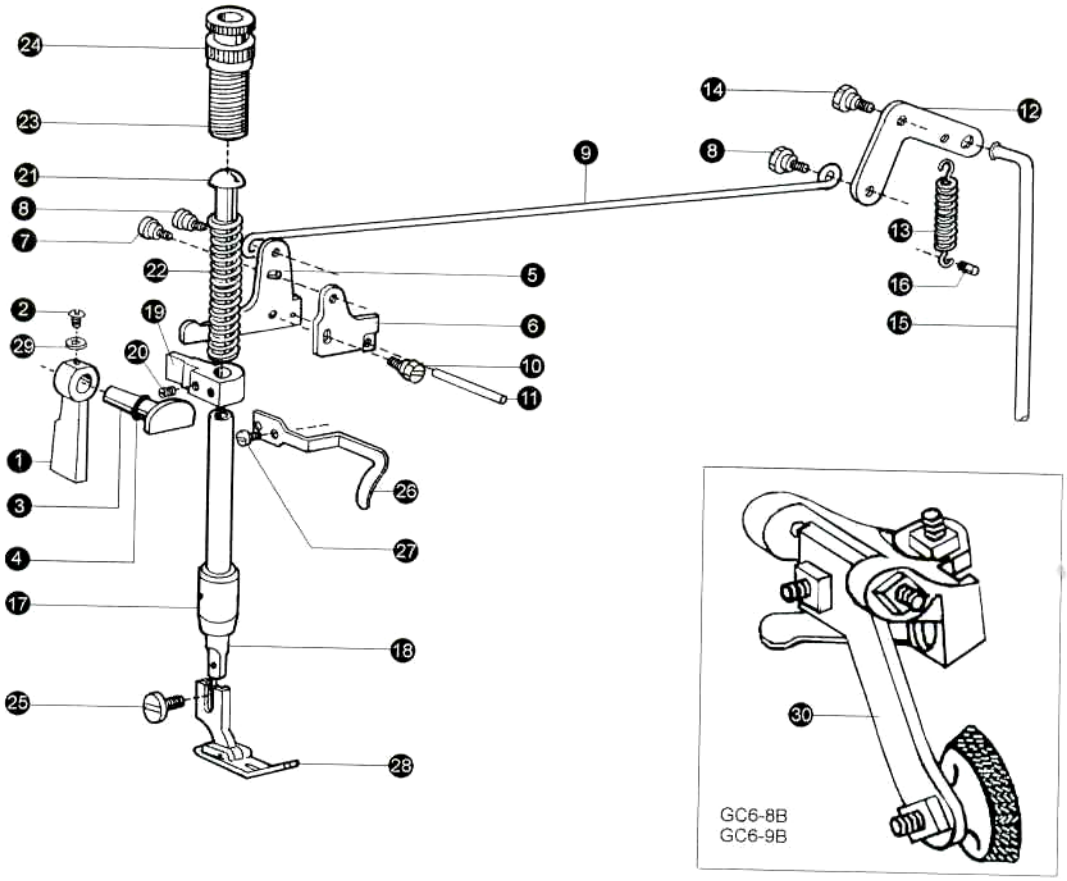
GC6-28

6. FEEDING AND FEED LIFTING MECHANISM

No.	Ref. No.	Description	Qt.
1	*	Feed rock shaft crank	1
2	22T6-001A1b	Screw	2
3	*	Feed bar	1
4	22T6-011	Feed lifting rock shaft	1
5	22T6-001A3	Feed dog	1
6	22T6-001A4	Screw	2
7	*	Shaft for feed bar crank	1
8	22T2-019	Screw	1
9	22T6-012	Bushing for feed lifting rock shaft	1
10	22T6-001A7	Oil braid for feed bar crank	1
11	22T2-002	Set screw	1
12	GB894. 1 -86	C -type stop ring	2
13	22T6-003	Feed rock shaft	1
14	22T6-004	Feed rock shaft bushing	1
15	22T2-009	Set screw	1
16	22T6-005B1	Collar	2
17	22T3-002B2	Set screw	4
18	*	Feed rock shaft crank	1
19	22T6-016	Screw	2
20	*	Hinge pin for feed rock shaft crank	1
21	*	Feed lifting rock shaft crank(left)	1
22	22T6-008D3	Screw	1
23	22T6-014G1	Feed lifting rock shaft crank(right)	1
24	22T6-007	Hinge pin for feed rock shaft crank	1
25	22T6-016	Screw	2
26	*	Oil braid for feed bar link	2
27	22T6-015	Oil braid holder	1
		GC6-1 GC6-28	
28	22T6-001A9	Hinge pin for feed bar link	1
29	22T6 -001A8	Nut for hinge pin	1
30	22T6 -009F1	Feed bar link	1
31	22T6-009F2	Oil braid holder	1
32	22T6-010	Screw	2
33	22T6-008D3	Screw	1
		GC6-8A GC6-9A	
5	78T6-001	Feed dog	1
		GC6-8B GC6-9B	
5	95T6-001	Feed dog	1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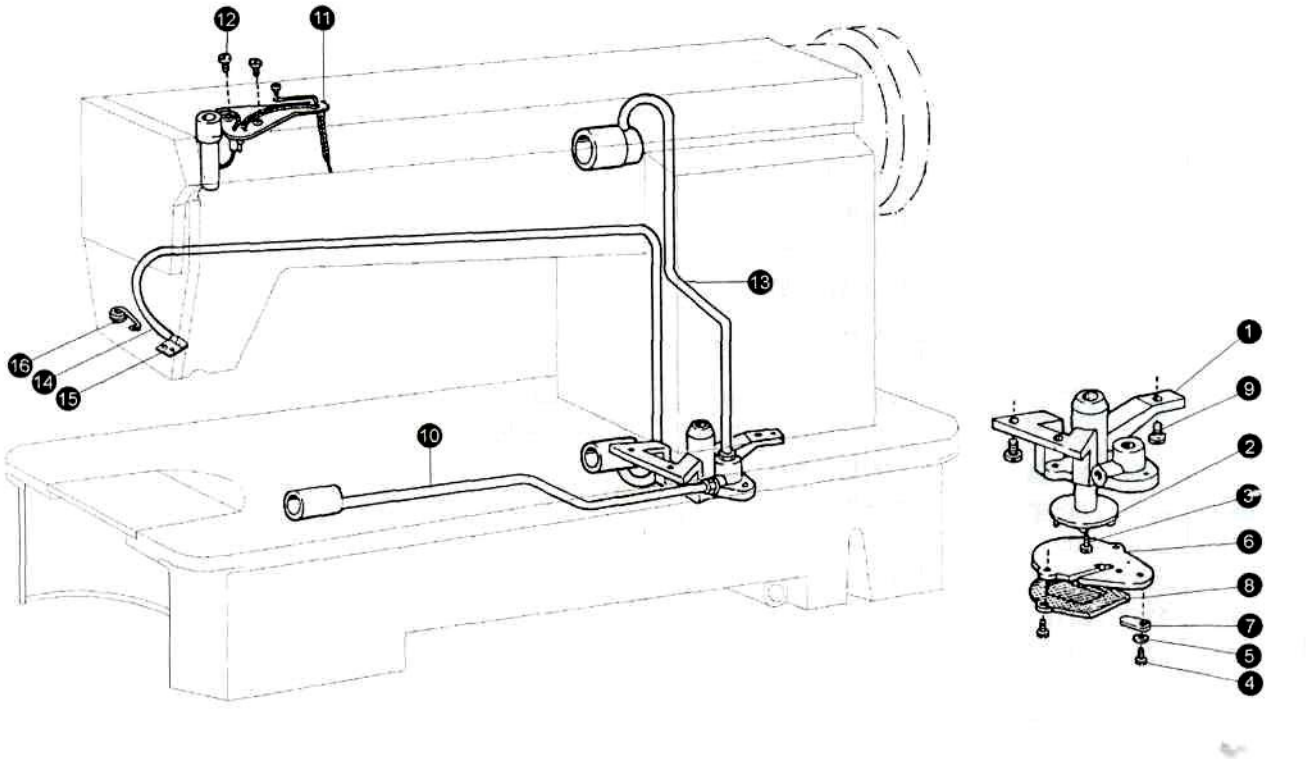
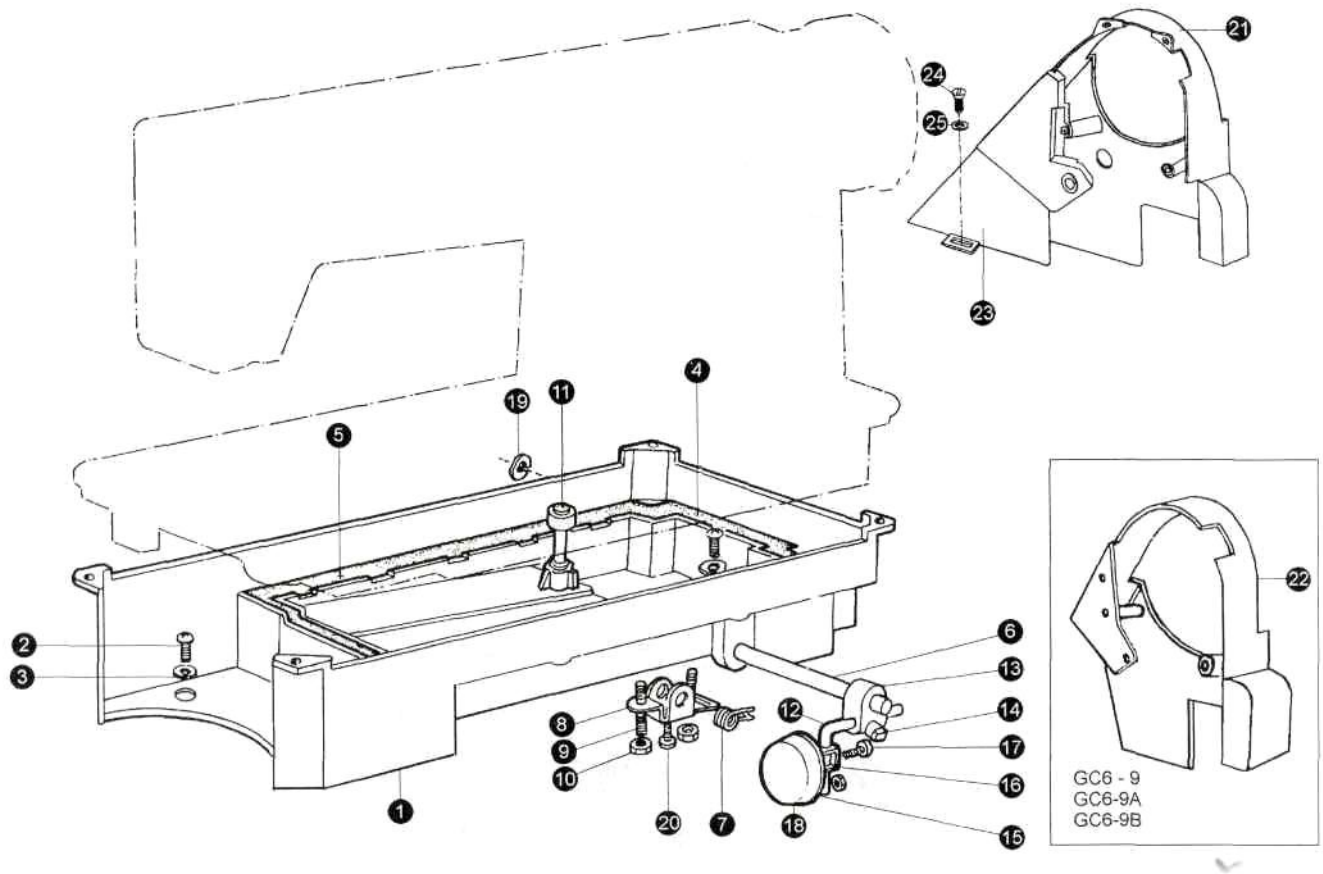
7. PRESSER FOOT MECHANISM

No.	Ref. No.	Description	Qt.
1	22T7-001A1	Presser bar lifter	1
2	22T1 -006	Set screw	1
3	22T7-002	Presser bar lifting cam	1
4	GB1235-76	Oil seal for presser bar lifting cam	1
5	22T7 -004B1a	Knee lifter lever (left)	1
6	22T7 -004B1b	Tension releasing cam	1
7	22T7 -004B1c	Screw	1
8	22T7 -004B2	Hinge screw	2
9	22T7 -004B3	Knee lifter rod	1
10	22T7-005	Bolt for tension releasing cam	1
11	22T7-006	Tension releasing pin	1
12	22T7-007C1	Knee lifter lever(right)	1
13	22T7 -007C2	Spring for knee lift lever	1
14	22T7 -005	Bolt for knee lifter lever	1
15	22T7 -007C3	Knee lifter connecting rod	1
16	22T7 -008	Pin for spring	1
17	22T7 -009	Presser bar bushing	1
18	22T7-010	Presser bar	1
19	22T7-011DT	Presser bar lifting bracket	1
20	22T1 -013	Set screw	1
21	22T7 -012	Presser bar guide	1
22	*	Presser spring	1
23	22T7-014E1	presser regulating thumb screw	1
24	22T7 -014E2	Lock nut	1
25	22T7 -015	Set screw	1
26	22T7 -016	Slack thread regulator	1
27	22T2-004	Screw	1
28	22T7 -017F	Presser foot complete	1
29	22T1 -007	Washer	1
		GC6-8 GC6130H GC6-9	
28	48T8-003A	Presser foot complete	1
		GC6-8A GC6-9A	
28	78T8-001A	Presser foot complete	1
		GC6-8B GC6-9B	
28	95T7-001A	Presser foot complete	1



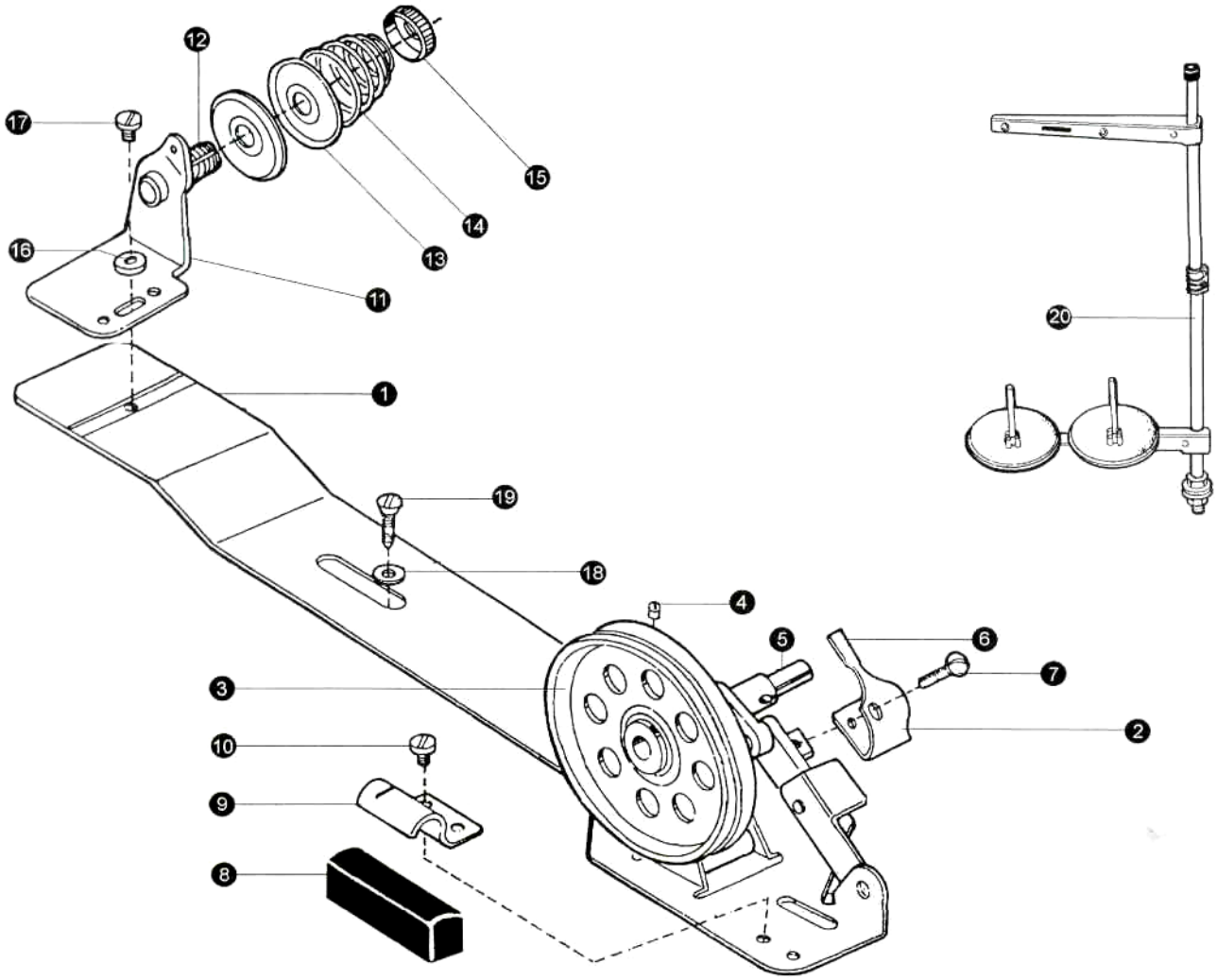
8. LUBRICATION MECHANISM

No.	Ref. No.	Description	Qt.
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	22T8-005	Spring washer	1
6	*	Oil pump flitting plate	1
7	22T8-007	Oil adjusting plate	1
8	22T8-008A	Oil pump screen complete	1
9	22T8-009	Screw	3
10	22T8-010B	Oil pipe for hook shaft	1
11	*	Oil braid fitting plate	1
12	22T7 -015	Screw	2
13	*	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	Spring for oil felt	1



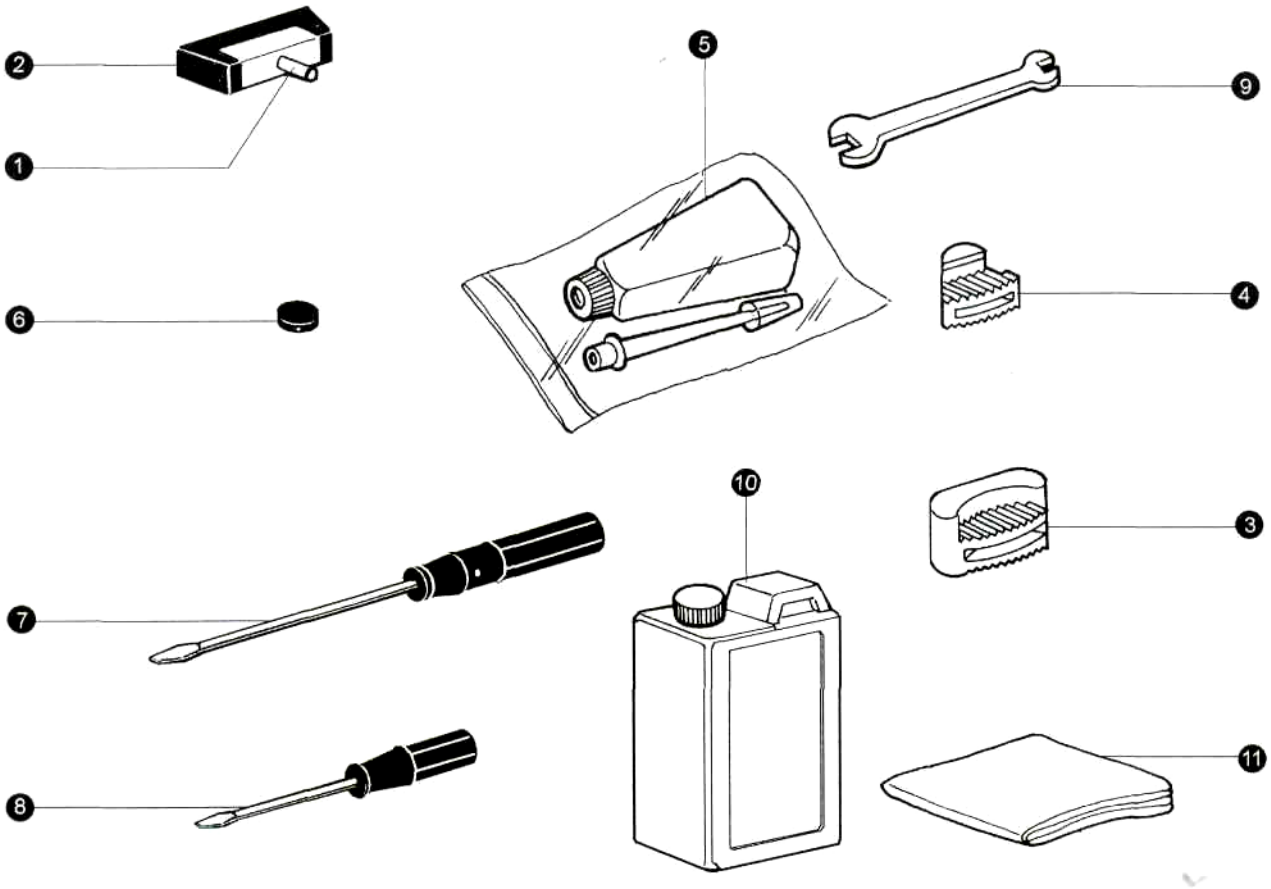
9. OIL RESERVOIR AND OTHER ACCESSORIES

No.	Ref. No.	Description	Qt.
1	22T9-001A1	Oil reservoir	1
2	22T9-001A2	Oil drain screw	2
3	22T9-001A3	Washer	2
4	22T9-001A4	Gasket for oil reservoir (small)	1
5	22T9 -001A5	Gasket for oil reservoir (big)	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	GB896-76	C -type stop ring	1
20	22T9-036	Screw	1
21	22T9-004C	Belt guard complete	1
23	124T9 -003B	Belt guard complete(S)	1
24	GB99-76	Wood screw	2
25	BQ10021	Washer	2
GC6-9 GC6-9A GC6-9B			
22	81T8 -001A	Belt guard complete	1



10. BOBBIN WINDER. SPOOL STAND MECHANISM

No.	Ref. No.	Description	Qt.
1	6F0-001A	Bobbin winder base	1
2	6F0-001A6a	Bobbin winder stop latch lever	1
3	6F0-002	Bobbin winder pulley	1
4	01/B112	Screw	1
5	6F0 -003	Bobbin winder spindle	1
6	*	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	1
13	22T1 -012F5	Bobbin winder tension discs	2
14	22T1 -012F3	Bobbin winder tension spring	1
15	J2.2.7	Tension stud nut	1
16	BQ10021	Washer	1
17	22T2 -004	Tension bracket screw	1
18	BQ10021	Washer	2
19	GB99-76	Wood screw	2
20	GXJ - 2	Spool stand	1



11. 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)	2
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

PARTS TABLE

No.	NAME / MODEL	GC6-1	GC6-28	GC6- 8 GC6130H GC6-8A GC6-8B	GC6- 9 GC6-9A GC6-9B
1 - 2	Face plate	22T1 -003C1	54T1 -002B1	22T1 -003C1	54T1 -002B1
1 - 6	Thread guide on face plate	22T1 -003C5	⇦	⇦	78T1 -004C1
1 -24	Thread tension spring	22T1 -012F3	⇦	48T1 -003A1	⇦
1 -27	Thread take - up	22T1 -012F6	⇦	48T1 -003A2	⇦
1 -34	Thread guide for arm center	22T1 -014	⇦	⇦	78T1 -005
2 - 1	Thread take -up lever	22T2 -001A1a	⇦	48T2-001A1a	78T2-001A1a
2-4	Thread take -up crank	22T2-001A4	⇦	⇦	78T2-001A2
2-6	Needle bar link	22T2-001A7b	⇦	48T2 -001A2	⇦
2-10	Take -up lever guard	36T2 -007	⇦	⇦	78T2-002
2-12	Needle bar crank	22T5 -005B1	⇦	48T2 -002B1	⇦
2-20	Needle bar bushing (lower)	22T2 -012C1	⇦	78T2-003	⇦
2-22	Needle bar	22T2 -014	⇦	48T2 -003	⇦
2-23	Thread guide for needle bar	22T2 -015	⇦	48T2 -004	⇦
2-24	Needle	DB x1	⇦	DPx5	⇦
3-10	Balance wheel	22T3 -007C1	⇦	⇦	78T3 -001 C1
3-18	Feed forked connection	22T3 -009D2	⇦	48T3 -001A1	⇦
3-26	Vertical shaft bushing (lower)	22T3-011	⇦	⇦	78T3-001
4 - 1	Rotating hook shaft	22T4 -001A1	⇦	⇦	78T4 -001A1
4-17	Rotating hook	22T4-011D	⇦	48T4-001A	78T4-002
4-18	Rotating hook positioner	22T4 -013	⇦	48T4-002	78T4-003
4-20	Bobbin case	22T4-016F	⇦	⇦	78T4-004F
4 -21	Bobbin	22T4 -017	⇦	⇦	78T4-005
5-5	Feed regulator	22T5 -002B1	⇦	48T5-001A1	⇦
6 - 1	Feed rock shaft crank	22T6 -001A1a	⇦	48T6 -001A1a	⇦
6-3	Feed bar	22T6 -001A2a	⇦	48T6 -001A2	⇦
6-7	Shaft for feed bar crank	22T6-001A5	⇦	48T6-001A3	⇦
6-18	Feed rock shaft crank	22T6-006C1	⇦	48T6 -002B1	⇦
6-20	Hinge pin for feed rock shaft crank	22T6 -007	⇦	48T6-003	⇦
6-21	Feed lifting rock shaft crank (left)	22T6 -008D1	⇦	48T6-004C	⇦
6-26	oil braid for feed bar link	22T6-009F3	⇦	48T6-005D	⇦
7 -22	presser spring	22T7-013	⇦	48T7 -002	⇦
8-6	Oil pump felting plate	22T8-006	⇦	⇦	78T8-001
8-11	Oil braid fitting plate	22T8-011C	⇦	48T8-001A	⇦
8-13	Oil pipe for arm shaft	22T8-013D	⇦	⇦	78T8-002A
10 -6	Bobbin winder stop latch	6F0-004-1	⇦	⇦	6F0-004-2

" " ⇦ mean same as former