

S.C. Mipeca Serv S.R.L.

va multumeste pentru achizitionarea acestui produs. Inainte de utilizare va rugam sa cititi in intregime acest manual pentru a va familiariza cu utilizarea produsului, intretinerea lui, si normele de protectie a muncii.

PROLOGUE

Thanking you for your purchase our products sincerely, please reading the manual book before operation, the book introduce some points how to operate, maintenance, and safe. Please keep it carefully for reading in the further; you will be not informed if the file has been revised. Please set sample as standard.



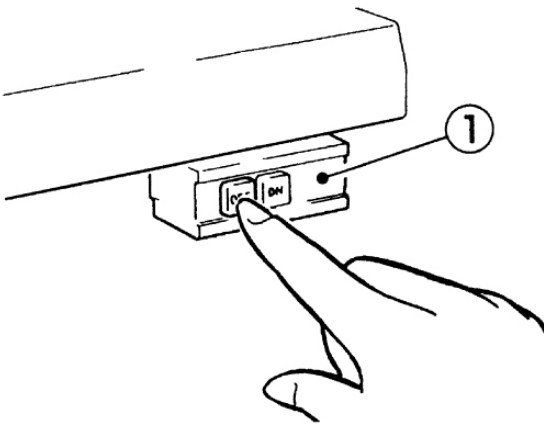
OBSERVE THESE SAFETY PRECAUTIONS

Though Our takes the utmost care to produce safe sewing machines and devices, operators should follow these basic safety rules.

- To prevent accidents, do not remove safety devices or parts while operating the machine.
- Do not leave tools or other unnecessary objects on the machine table while operating the machine.
- Before maintenance, adjusting, cleaning, threading or replacing the needle, and to prevent accidents, be sure the power is turned off. Check that the machine will not operate when the pedal is pressed.

Note

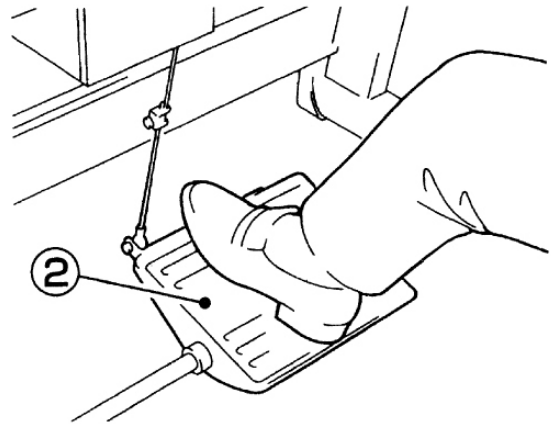
In case a clutch type motor is used, it will keep on rotating by inertia after turning off power supply. ① If the machine pedal ② is stepped on inadvertently, it is dangerous because the machine will move unexpectedly. Keep on stepping on the pedal ② until the machine comes to a stop after turning off power supply.



Opriti alimentarea cu energie a masinii inainte de a parasii zona de lucru.

In eventualitatea unor caderi de tensiune opriti alimentarea cu energie pana la remedierea defectiunii.

Utilajul trebuie sa fie legat la retea de impamantare.



- Turn the power off before leaving the machine table.
- In the event of a power failure, be sure to turn the machine off.
- Check that the machine is securely grounded.

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■ MAINTENANCE DURING USE

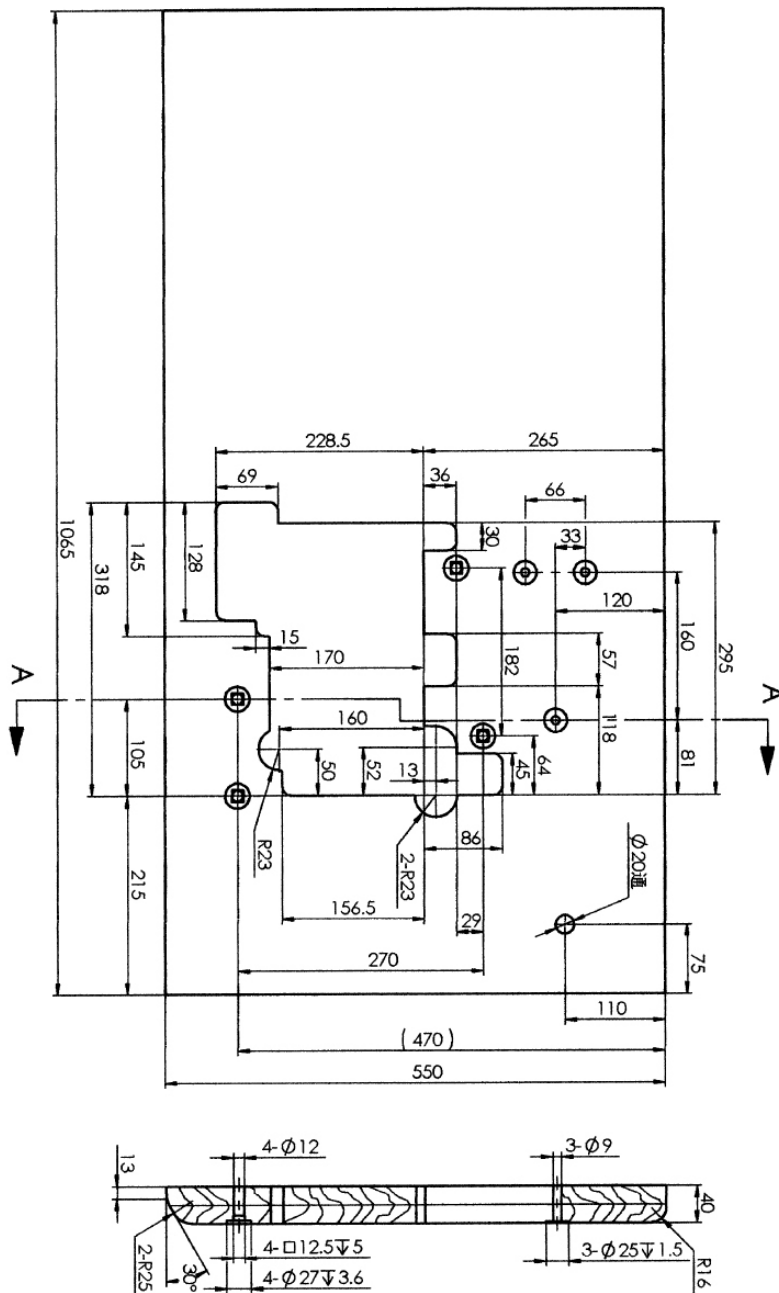
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Schematic diagram of the machine table

Cut the table referring to the diagram



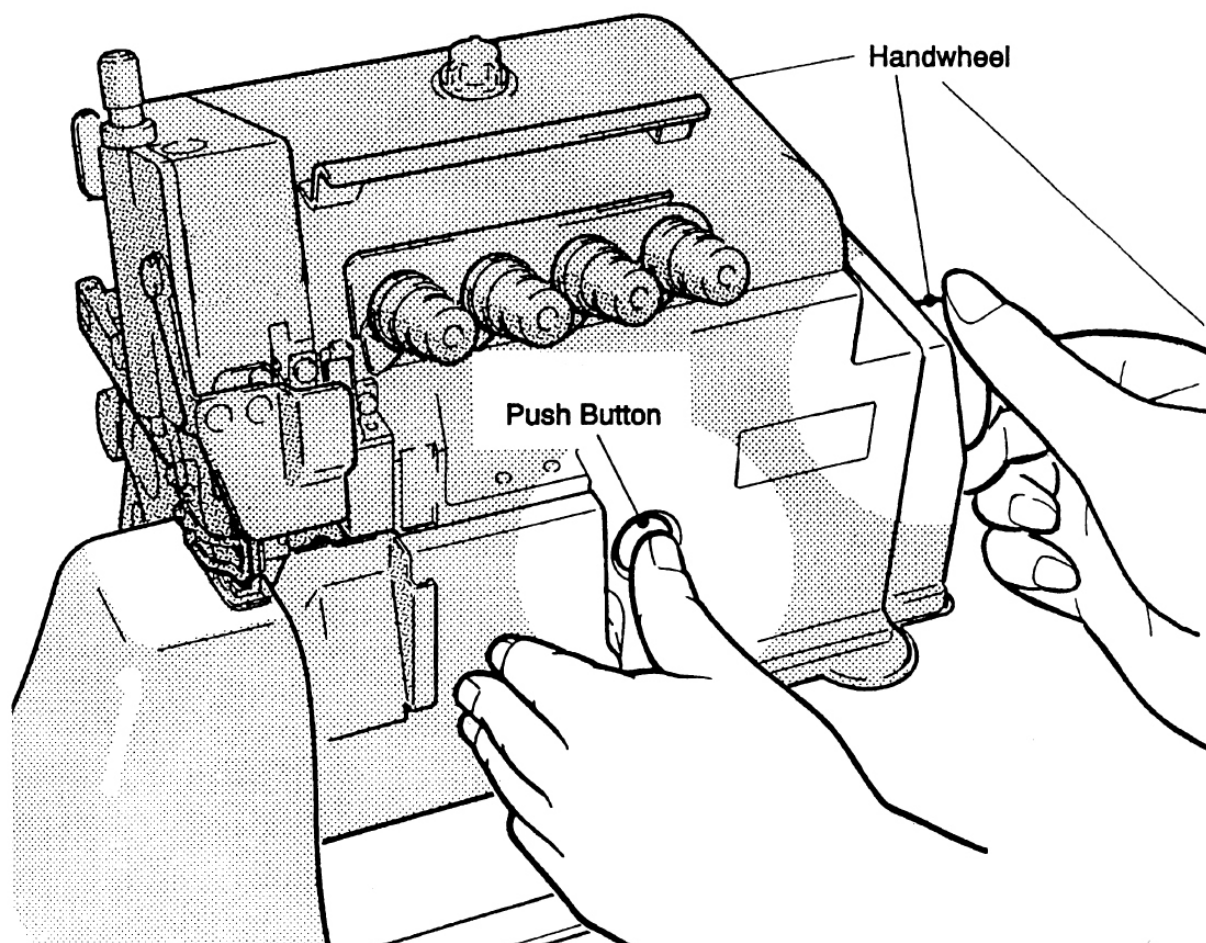
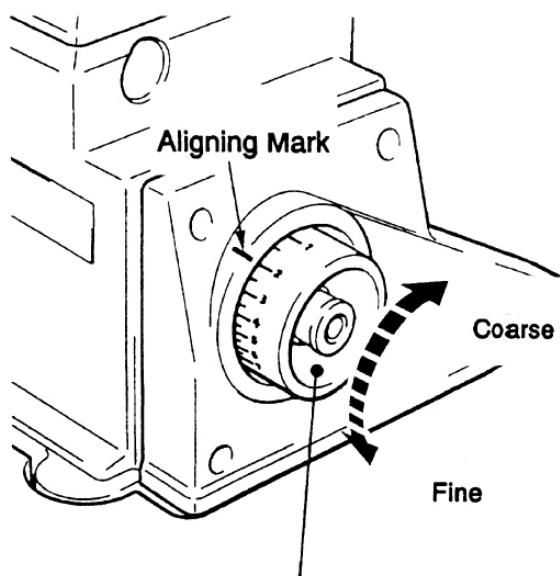
Note

- Dimension of motors in Japan-----306mm
- Dimension of EFK motor -----334mm

Stitch length adjustment

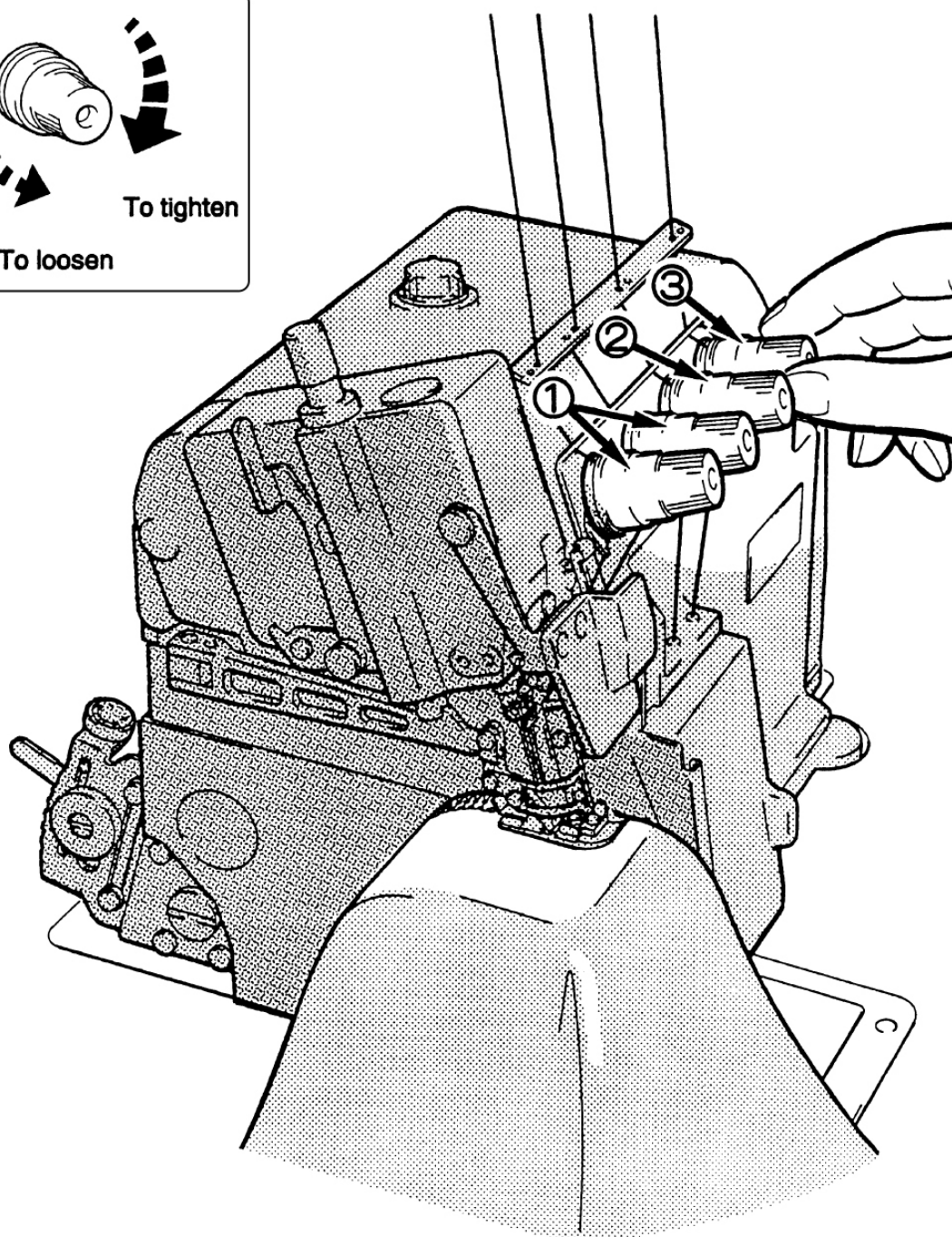
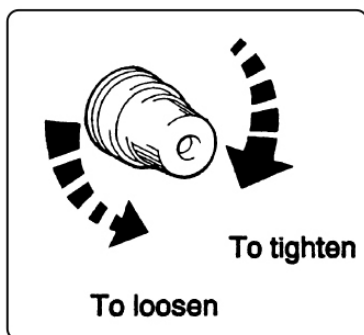
While pressing the push button, turn the handwheel to seek the position at which the push button goes further into the depth. Then, keeping the push button pressed, turn the handwheel and set the desired scale to the aligning mark.

Note: Stitch length adjustment must only be made after the differential feed ratio has been changed.



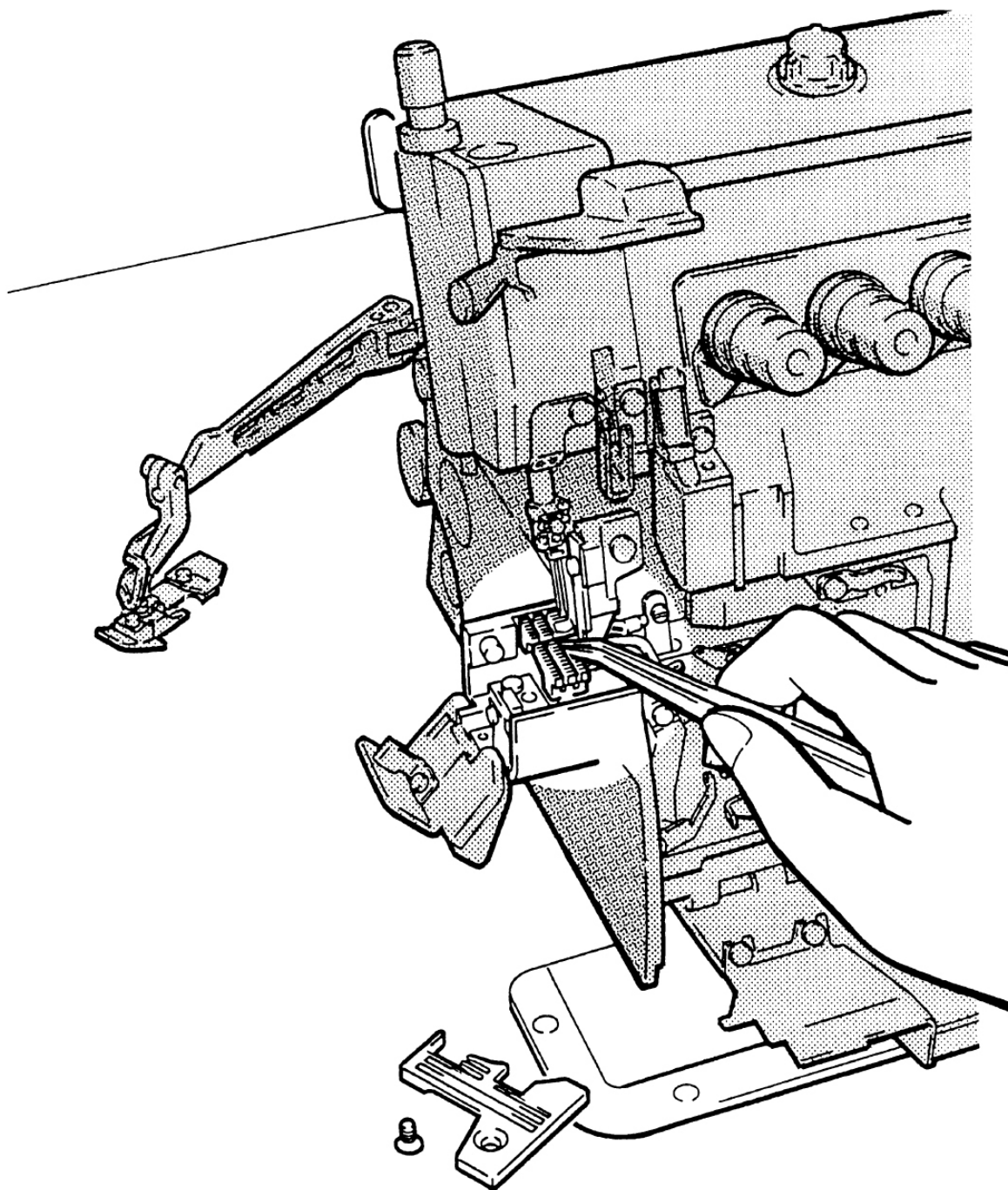
Thread tension

Make tension adjustments with the needle thread knob ①, the upper looper knob ② and the lower looper knob ③.



Cleaning the machine

Mainly the slots of the needle plate and the feed rows should be cleaned.

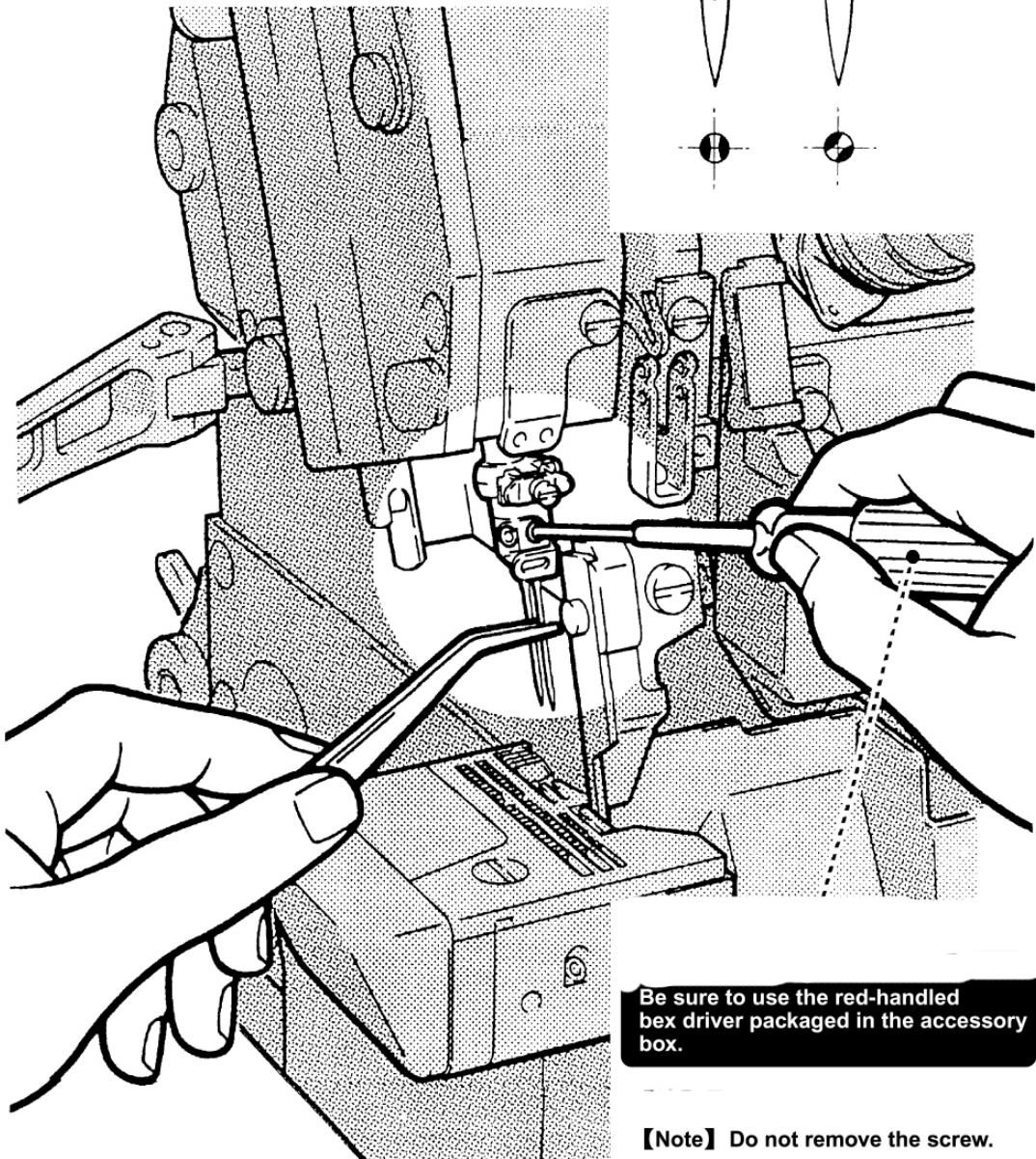
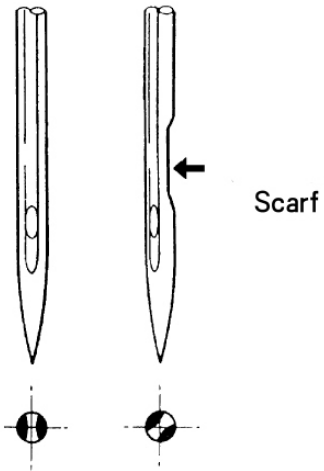


Replacing the needle

- * Check the needle carefully to see that the scarf is turned to the rear of the machine.
- * Insert the needle to the proper depth, and fasten securely.

Standard needle: Organ DC X 27

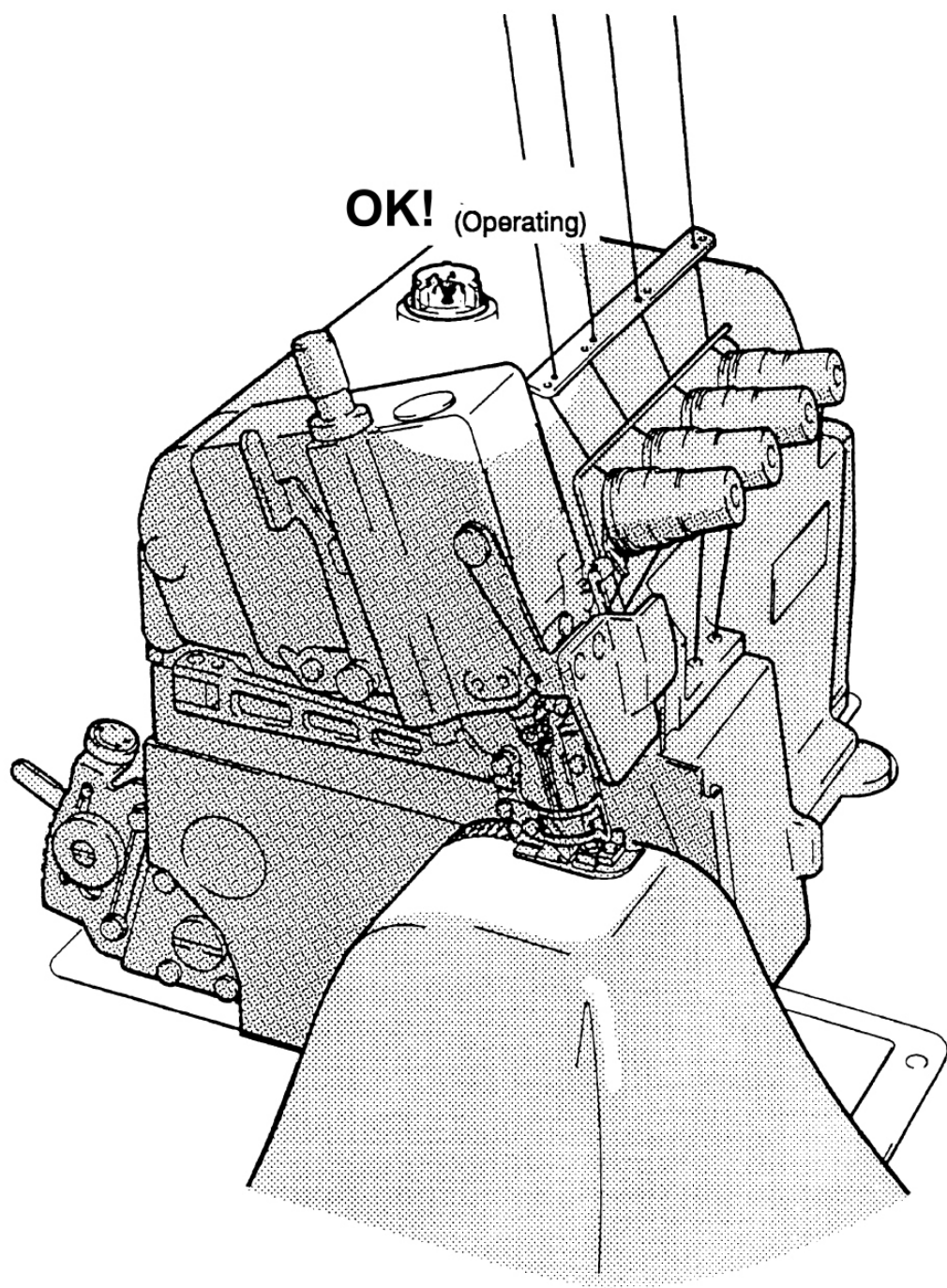
OK! NO!



Be sure to use the red-handled hex driver packaged in the accessory box.

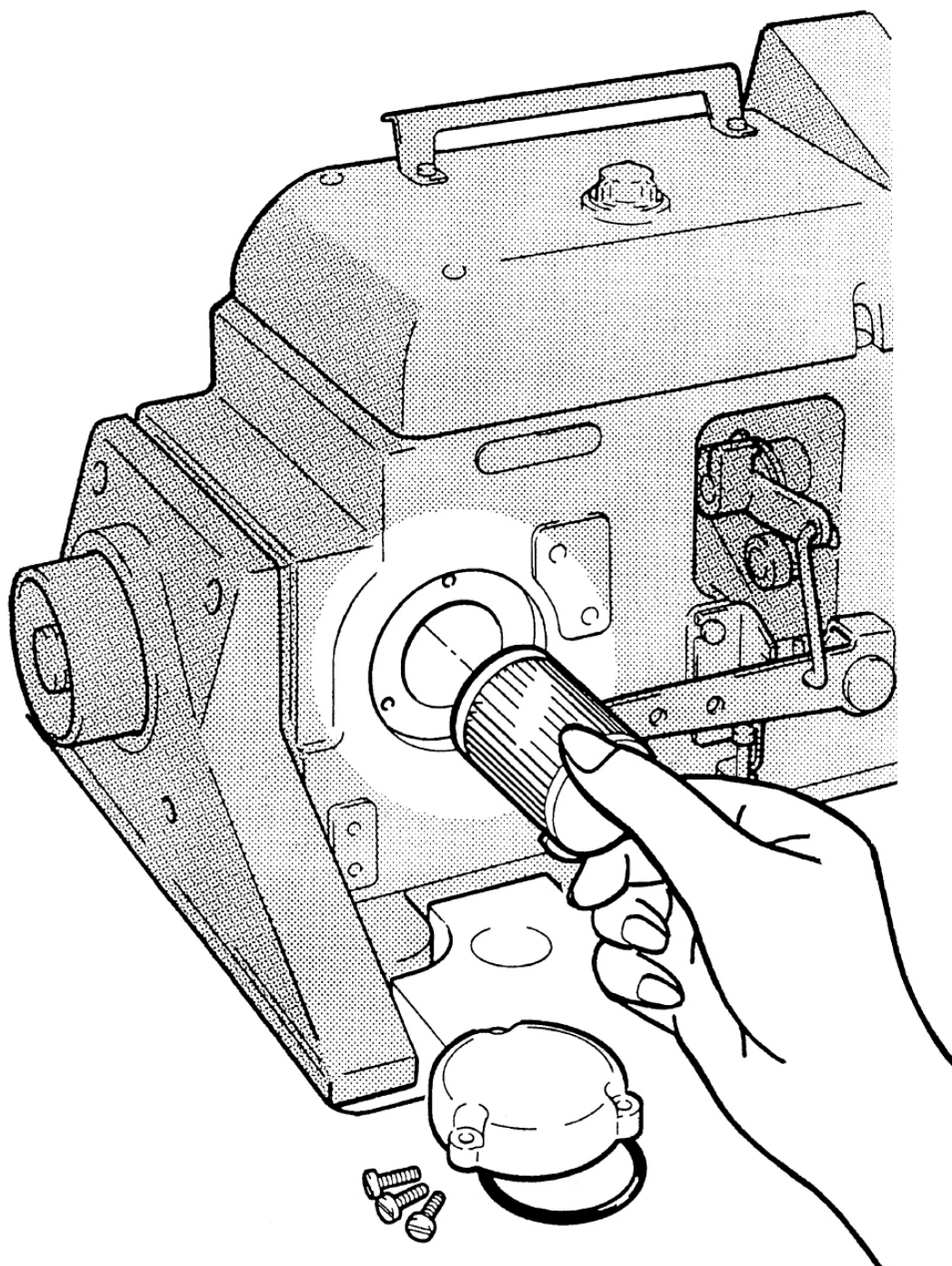
【Note】 Do not remove the screw.

Checking the oil circulation



Checking and replacing the oil filter

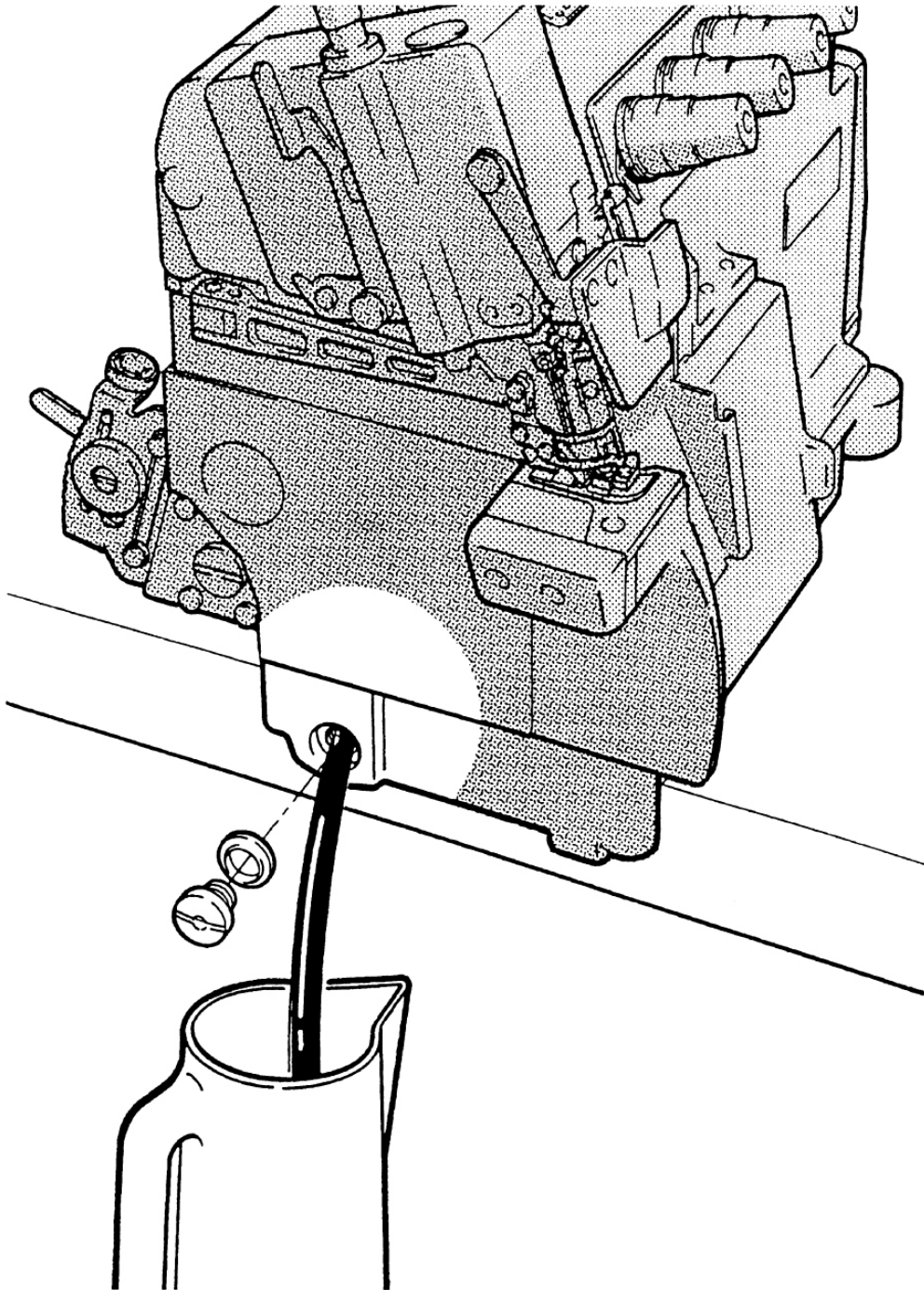
Check and replace the oil filter every six months.



Replacing the oil

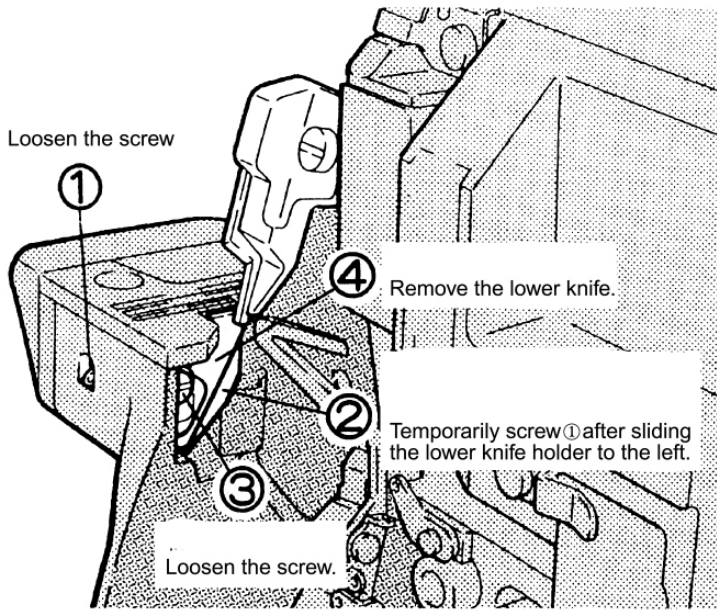
Replace the oil one month after the first use and every six months there after.

(See p 2.)

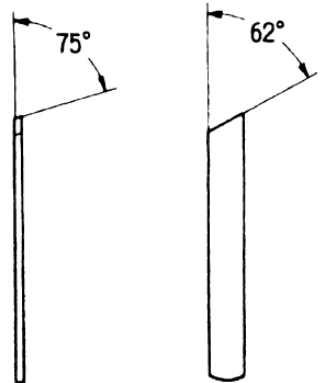


Replacing the lower knife

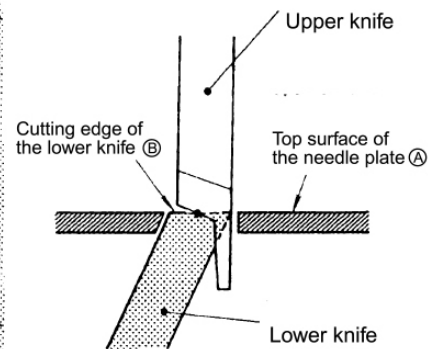
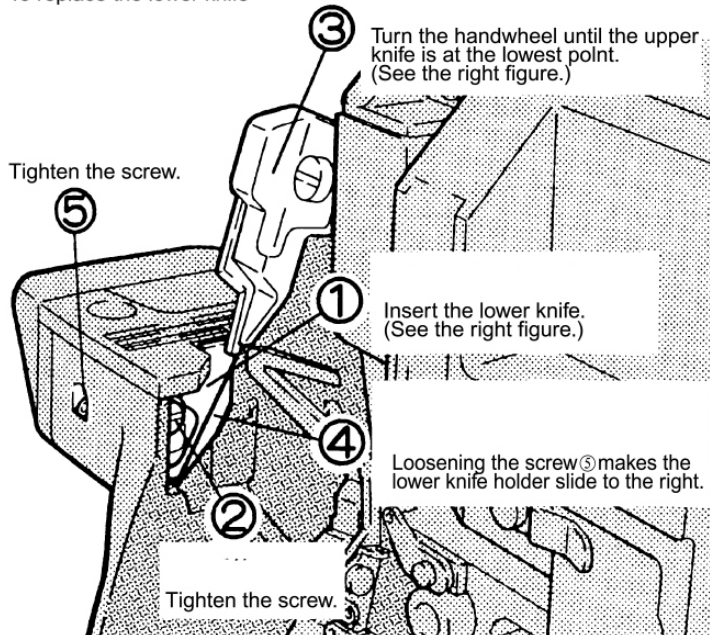
To remove the lower knife



Correct angles to resharpen the lower knife



To replace the lower knife



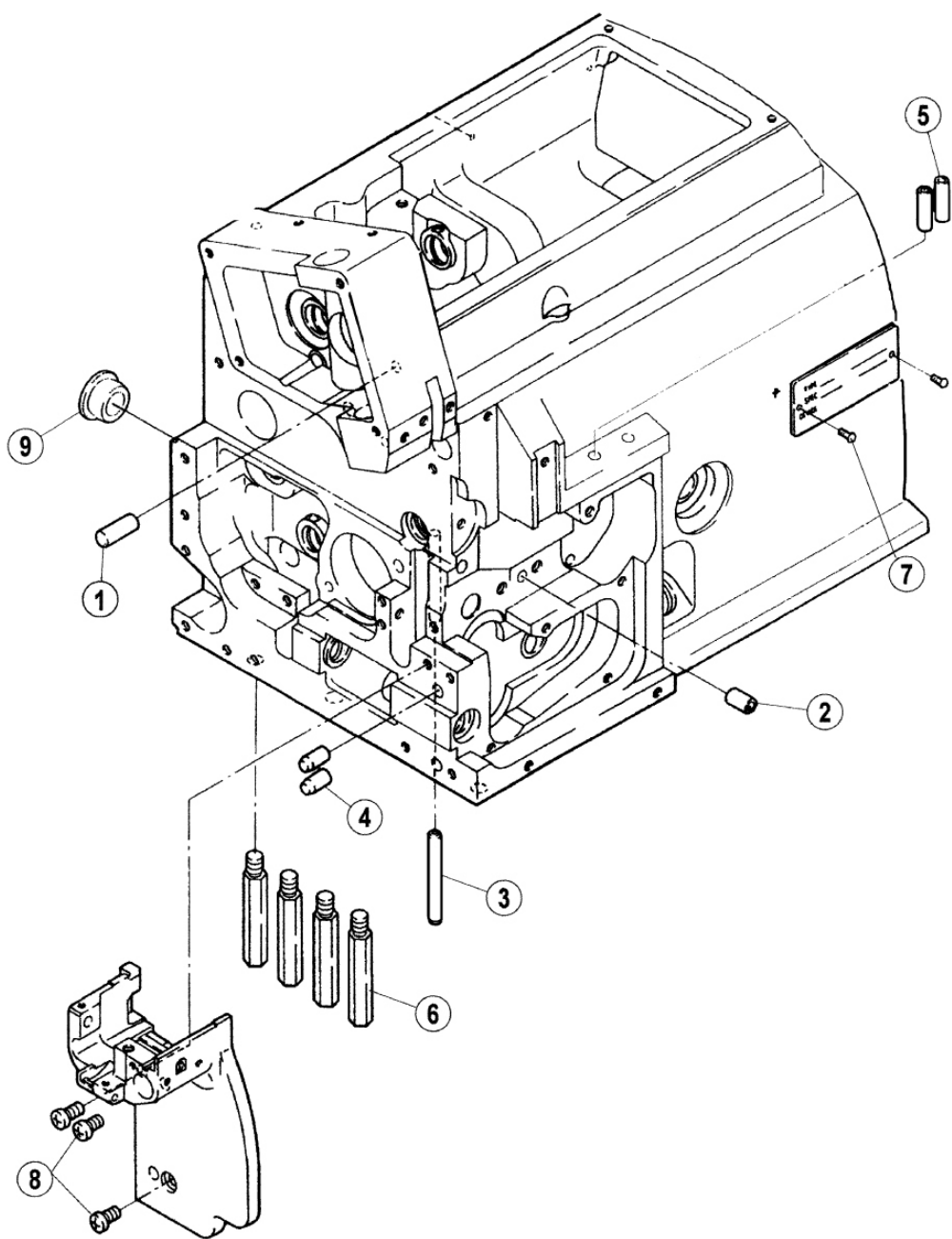
Level of ⑦ = Level of ⑥

Check cutting action of knives.

JK797

NO.		(±0.1)										
1	JK-797-3-504-02/233N	10.5	3.8	4.4 ~ 4.7	10.9	16.9	左	----		0.8	0.8	0.35~2
2	JK-797-3-504-02/233	10.5	3.8	4.4 ~ 4.7	10.9	16.9	左	----		0.8	0.8	0.35~2
3	JK-797-3-505-12/223	10.5	3.8	4.4 ~ 4.7	10.9	16.9	左	----		0.8	0.8	0.35~2
4	JK-797-3-504-04/433	11.9	4.2	4.4 ~ 4.7	11.5	15	右	----		1	0.3	0.35~2
5	JK-797-4-514-03/333N	10.5	3.8	5.4 ~ 5.7	10.6	16.1	左	----		0.8	0.8	0.35~2
6	JK-797-4-514-04/433	11.9	4.2	5.4 ~ 5.7	11.1	16.1	右	----		1	0.3	0.35~2

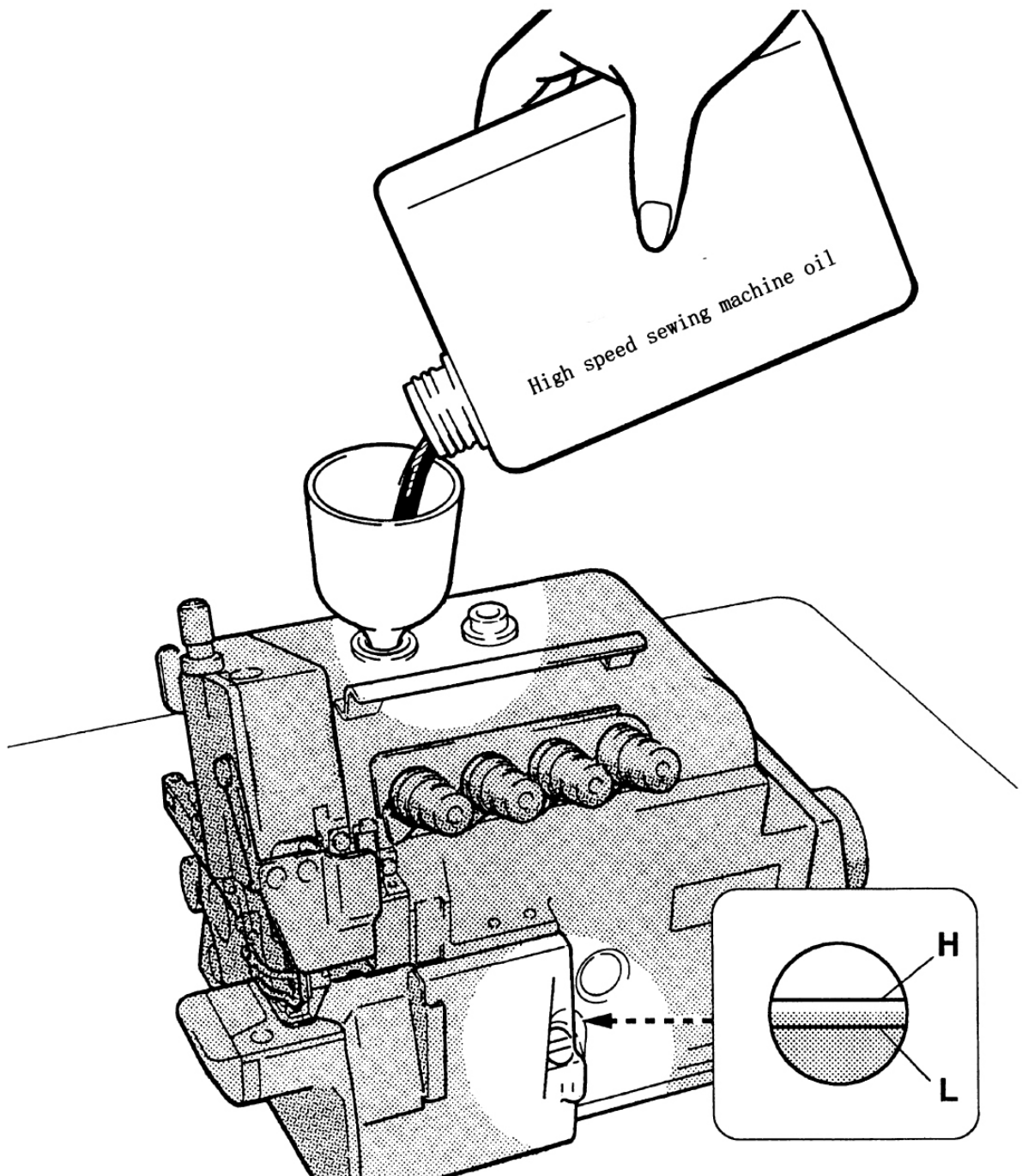
Frame Components



Lubrication

After filling the oil pan, the oil surface should lie between (H) and (L) lines.

Add oil, when the oil surface reaches or goes below (L).



Frame Components

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	P03010	2010020	Pin	1	1	1
2	P03017	2101820	Pin	1	1	1
3	P03018	2402990	Pipe	1	1	1
4	20426001	2400940	Pin	1	1	1
5	20513008	2403250	Pipe	2	2	2
6	206S30001	2700470	Bed Pin	4	4	4
7	R03001	2106790	Pin	2	2	2
8	207S11007	007019A0	Screw	3	3	3
9	20722004	2403100	Plug	1	1	1

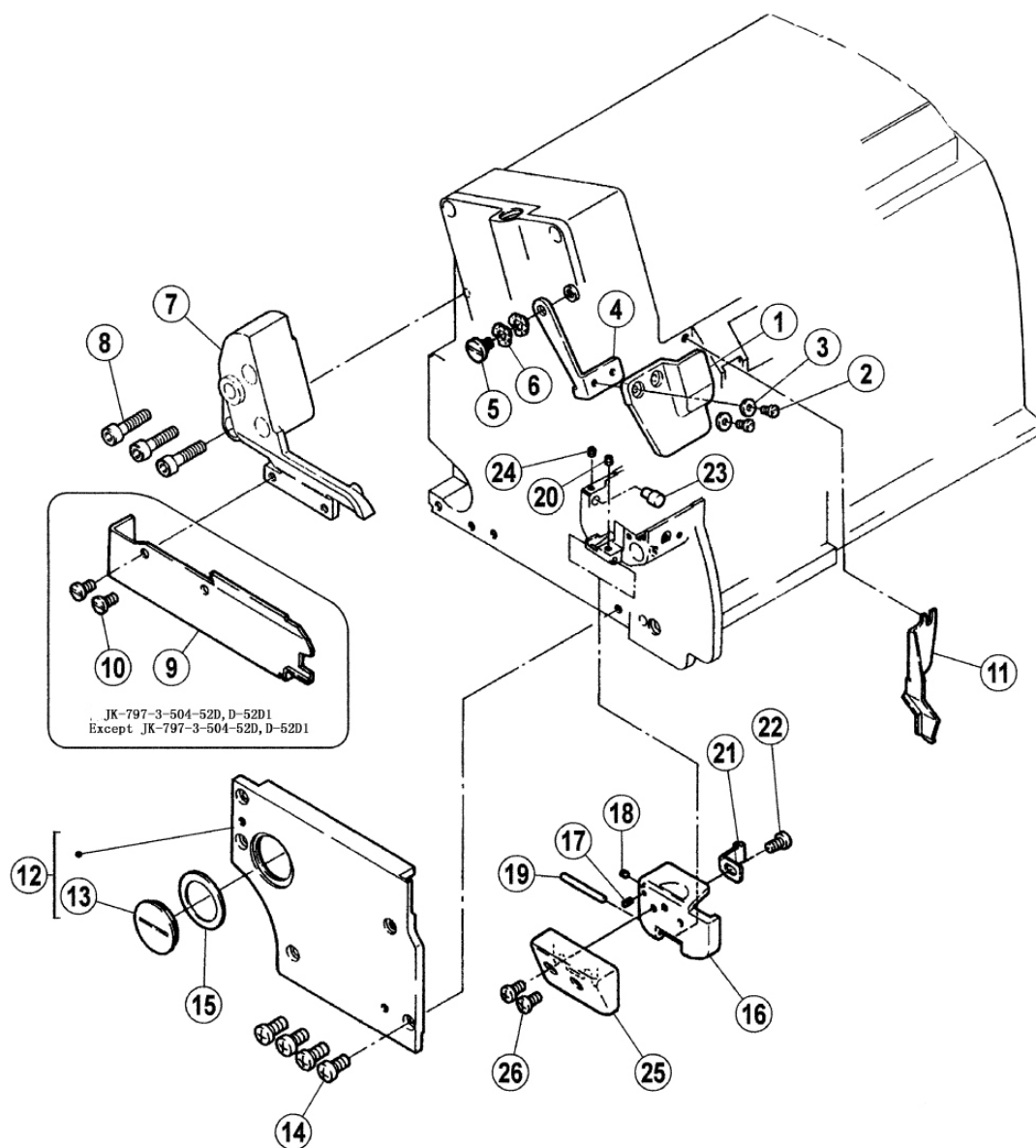
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(1) Cover Components(1)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20401001	270148-SD0	Top Cover	1	1	1
2	207S11012	007022A0	Screw	4	4	4
3	20422001	2701490	Gasket	1	1	1
4	20622003	2403050	Rubber Cushion	3	3	3
5	20711002	2064571	Oil Sight Window	1	1	1
6	20722002	2066820	Gasket	1	1	1
7	20412001	270150-UD0	Front Cover(Right)	1	1	1
8	20412002	2701510	Front Cover(Left)	1	1	1
9	207S11011	007018A0	Screw	2	2	2
10	207S14002	0045740	Screw	1	1	1
11	207S14003	0045350	Screw	1	1	1
12	20401002	270014A0	Hinge	1	1	1
13	207S11008	007021A0	Screw	2	2	2
14	20426002	270043A0	Pin	1	1	1
15	207S14001	0045430	Screw	2	2	2
16	20413004	2700180	Latch	1	1	1
17	207S11009	0070090	Screw	1	1	1
18	20427001	2403010	Spring	1	1	1
19	20412003	2701520	Latch	1	1	1
20	S01031	007017A0	Screw	1	1	1
21	20612004	2100440	Flat Spring	1	1	1
22	S01031	007017A0	Screw	1	1	1
23	20712005	2701530	Cover	1	1	1
24	207S11012	007020A0	Screw	2	2	2
25	207S11008	007021A0	Screw	1	1	1
26	207S11008	007022A0	Screw	1	1	1
27	20712001	2700250	Fan Cover	1	1	1
28	207S11007	007019A0	Screw	1	1	1
29	20711003	270024-9U0	Belt Cover Assy.	1	1	1
30	20622003	2403050	Rubber Cushion	1	1	1
31	S01013	0071760	Screw	3	3	3
32	20401017	270083B9U0	Side Cover Assy.	1	1	1
33	2070201100	274011-910	Presser Bar	1	1	1
34	207S17001	0070440	Screw	4	4	4
38	20131063	9A31261	Label	1	1	1
39	20437006	XXXXXXX	Threading Diagram	1	1	1

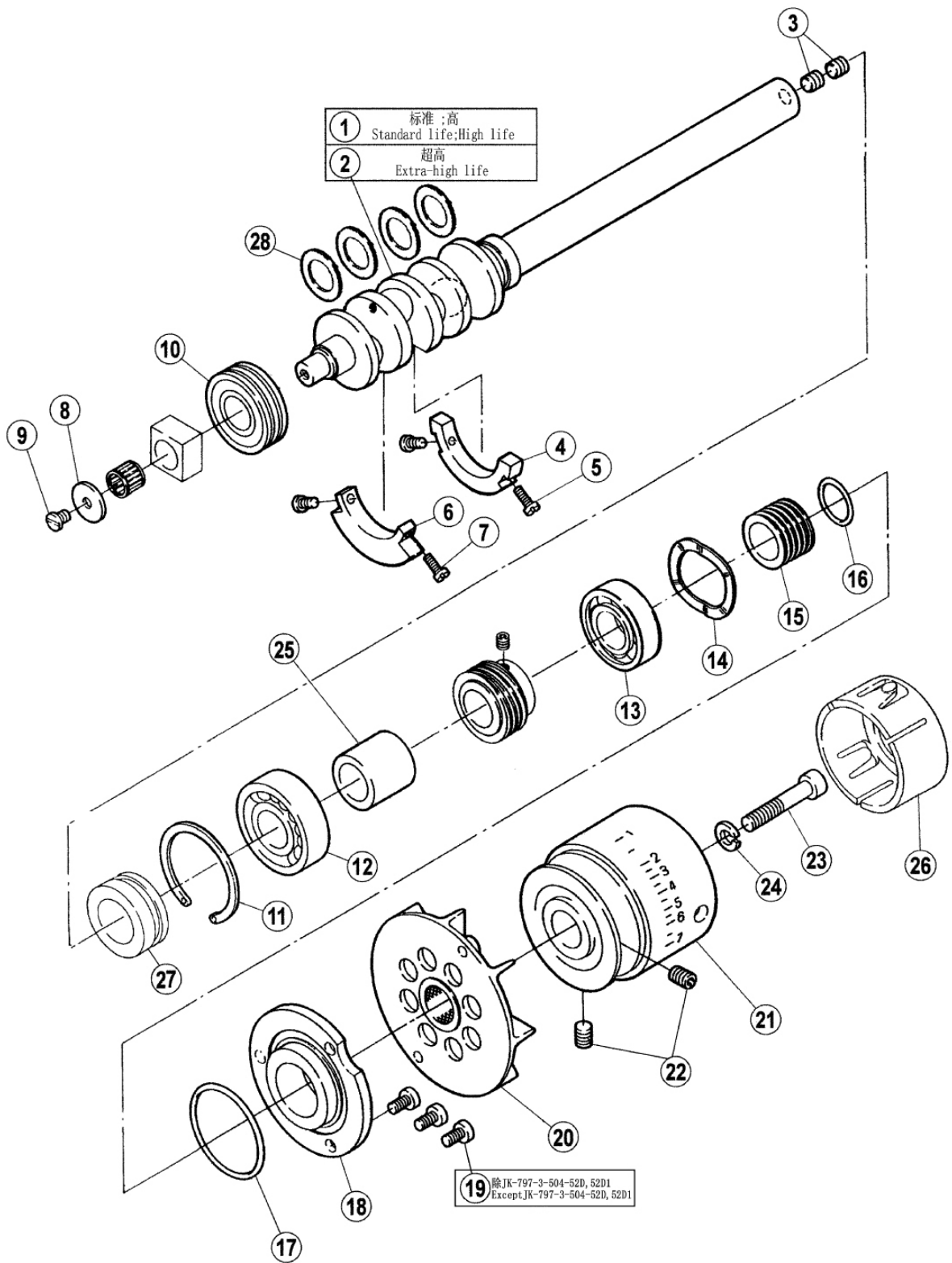
(2) Cover Components(2)



(2) Cover Components(2)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20711005	270032	Eye Guard	1	1	1
2	207S11015	0070620	Screw	2	2	2
3	W01011	2028750	Washer	2	2	2
4	20712011	2700341	Bracket	1	1	1
5	207S20002	0070660	Screw	1	1	1
6	20628022	2103070	Washer	2	2	2
7	20801006	2700680	Bracket	1	1	1
8	207S13003	0045110	Bolt	3	3	3
9	20412004	2701670	Fabric Guide	1	1	1
10	208S15002	0073550	Screw	2	2	2
11	20412014	2701790	Cover	1	1	1
12	20401003	270166-SD0	Cover Assy.	1	1	1
13	20430001	2701450	Cover	1	1	1
14	207S11007	007019A0	Screw	4	4	4
15	20428001	2701750	Gasket	1	1	1
16	20401004	213062A0	Side Cover	1	1	1
17	207S14003	0045960	Screw	1	1	1
18	207S14009	0045540	Screw	1	1	1
19	20426003	3069200	Pin	1	1	1
20	207S14009	0045540	Screw	1	1	1
21	20427002	2130630	Flat Spring	1	1	1
22	207S11011	0071960	Screw	1	1	1
23	20426004	2132730	Pin	1	1	1
24	207S14009	0045540	Screw	1	1	1
25	2041200600	213094-910	Cover	1	1	1
26	207S11011	007017A0	Screw	2	2	2

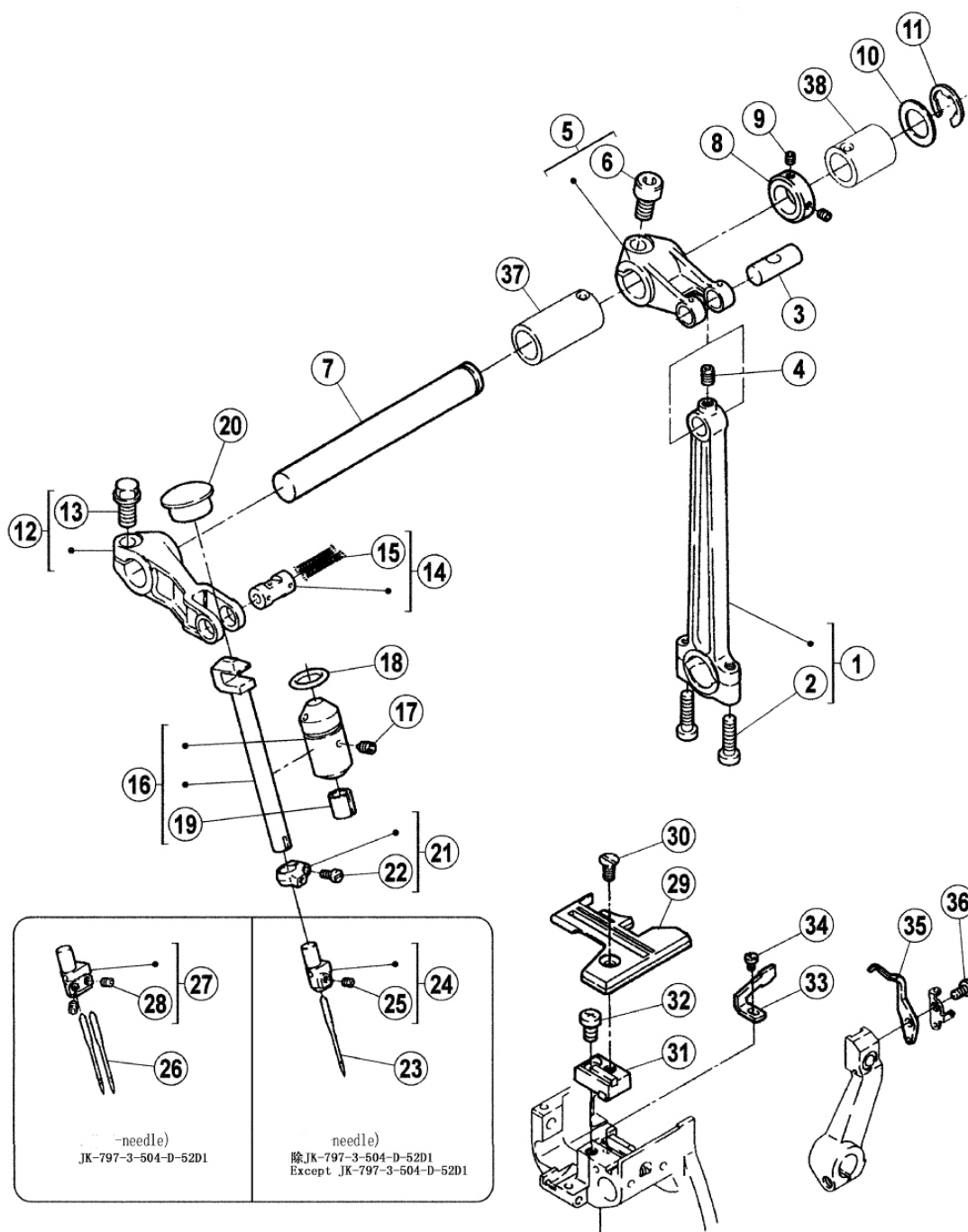
Crankshaft Drive Components



Crankshaft Drive Components

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20402001	270522A0	Crankshaft	1	1	1
2	20402002	270522B0	Crankshaft	1	1	1
3	S10013	0045220	Screw	2	2	2
4	20701008	2705020	Balance Weight	1	1	1
5	207S11017	0070110	Screw	2	2	2
6	20401005	2705240	Balance Weight	1	1	1
7	207S11017	0070110	Screw	2	2	2
8	20428002	2405030	Washer	1	1	1
9	207S11011	0071430	Screw	1	1	1
10	B04004	2403300	Ball Bearing	1	1	1
11	20729001	2403350	Ring	1	1	1
12	B01012	2129870	Ball Bearing	1	1	1
13	B04005	2115260	Ball Bearing	1	1	1
14	W03003	2403060	Washer	1	1	1
15	20103002	2100560	Oil Seal	1	1	1
16	O01025	2100570	O Ring	1	1	1
17	O01028	2400340	O Ring	1	1	1
18	20708002	2115280	Right Cover	1	1	1
19	207S11012	007020A0	Screw	3	3	3
20	2071100600	2705051	Fan Assy.	1	1	1
21	20735002	270504-UD0	Machine Pulley	1	1	1
22	S10009	0045410	Screw	2	2	2
23	207S13004	0045230	Bolt	1	1	1
24	W02004	2042930	Washer	1	1	1
25	20403001	2705230	Spacer	1	1	1
26	20701009	2705260	Cover	1	1	1
27	20403017	————	Bushing	1	1	1
28	20628007	2715010	Guide	4	4	4

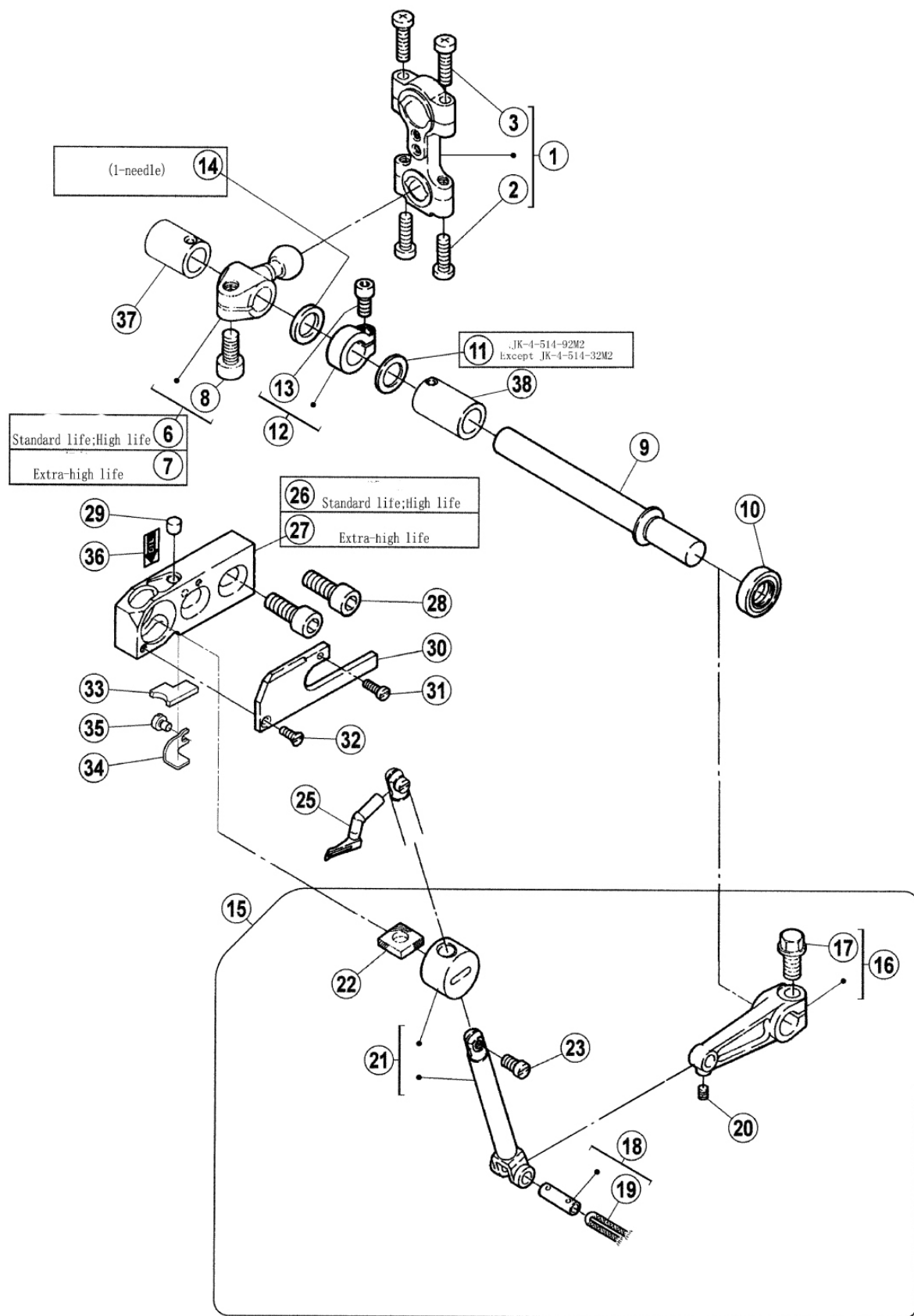
Needle Drive Mechanism



Needle Drive Mechanism

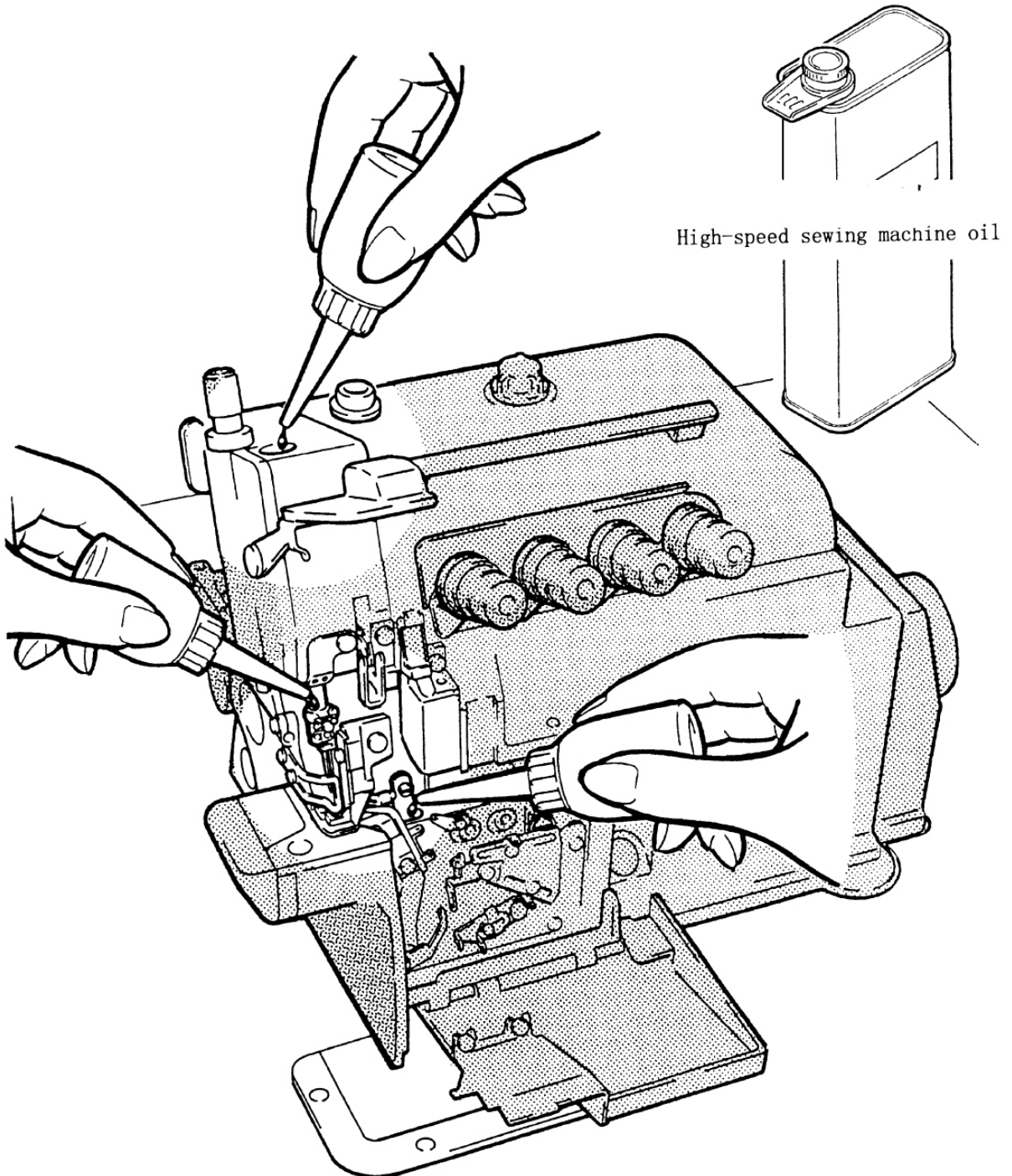
Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20705001	271000-920	Connection	1	1	1
2	207S11016	007023A0	Screw	2	2	2
3	20626003	2710010	Pin	1	1	1
4	207S14007	0045380	Screw	1	1	1
5	20704001	271002-920	Crank	1	1	1
6	S05018	0045330	Bolt	1	1	1
7	20402007	271003D0	Shaft	1	1	1
8	20808006	2402920	Collar	1	1	1
9	207S14009	0045540	Screw	2	2	2
10	20628014	2082350	Washer	1	1	1
11	H05008	2025770	Ring	1	1	1
12	20704002	271004-920	Lever	1	1	1
13	207S12002	0071500	Bolt	1	1	1
14	20726003	271022A910	Shaft Assy.	1	1	1
15	20523005	2021770	Oil Wick	2	2	2
16	2070200300	271005B91Y0	Bushing Assy.	1	1	1
17	207S14008	0045460	Screw	1	1	1
18	O01026	2010220	O Ring	1	1	1
19	20723003	179009-050	Felt	1	1	1
20	20722004	2403100	Plug	1	1	1
21	20708005	271009-920	Ring	1	1	1
22	207S11023	0070350	Screw	1	1	1
23	20117011	XXXXXXX	Needle	1	1	1
24	20734001	XXXXXXX	Needle Holder	1	0	0
25	207S14009	0045540	Screw	1	1	1
26	20717012	XXXXXXX	Needle	2	2	2
27	20734002	XXXXXXX	Needle Holder	0	1	0
28	207S14009	0045540	Screw	2	2	2
29	20415001	XXXXXXX	Needle Plate	1	1	1
30	207S17003	0071700	Screw	1	1	1
31	20401008	213060A910	Bracket Assy.	1	1	1
32	207S11007	007019A0	Screw	1	1	1
33	20417001	XXXXXXX	Needle Guard(Front)	1	1	1
34	S01012	0070310	Screw	1	1	1
35	20417002	XXXXXXX	Needle Guard(Rear)	1	1	1
36	207S11015	0070620	Screw	1	1	1
37	20703002	577609	Sleeve	1	1	1
38	20803007	577601	Sleeve	1	1	1

Upper Looper Drive Mechanism



Manual lubrication

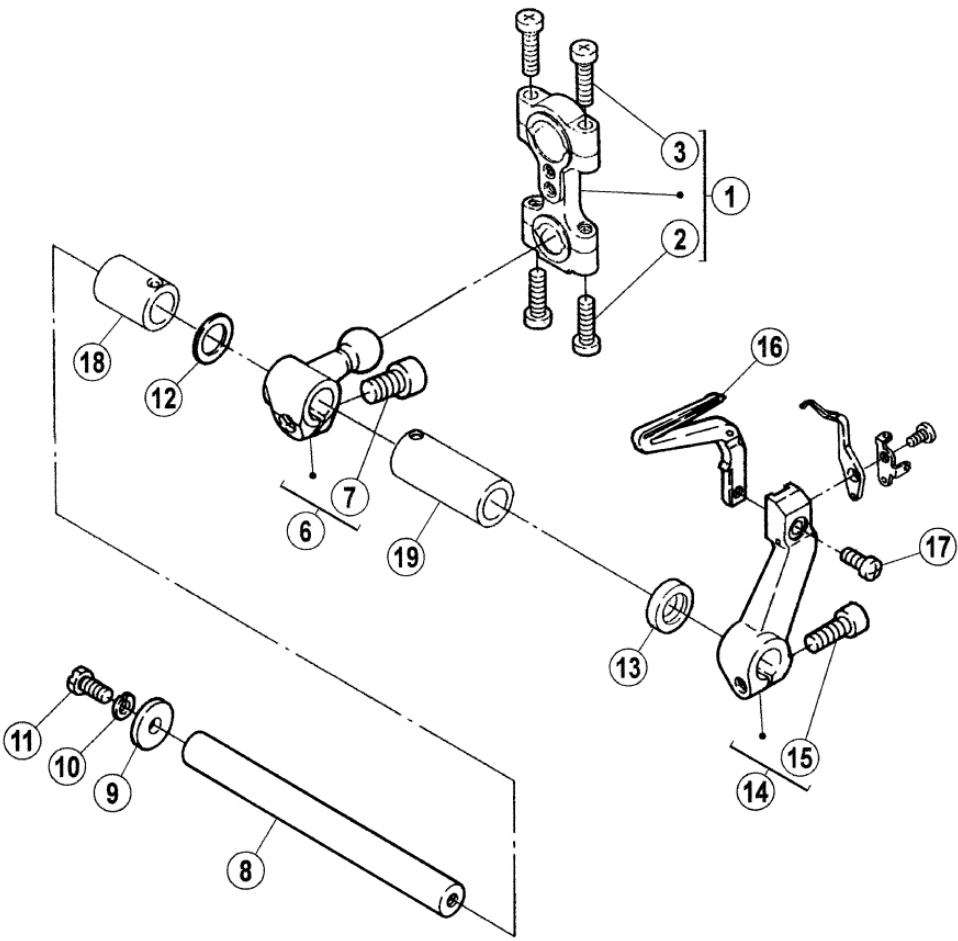
Apply 2 or 3 drops of oil by hand when the machine is used for the first time or has been left unused for some time.



Upper Looper Drive Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20705002	271500-920	Connection	1	1	1
2	207S11005	007022A0	Screw	2	2	2
3	207S11016	007023A0	Screw	2	2	2
6	20704003	271502-920	Crank	1	1	1
7	20704004	271503-930	Crank	1	1	1
8	S05018	0045330	Bolt	1	1	1
9	20402010	2715350	Shaft	1	1	1
10	20622019	210586A0	Oil Seal	1	1	1
11	20428008	2401020	Washer	1	1	1
12	20408001	240201-920	Collar	1	1	1
13	207S13006	0071100	Bolt	1	1	1
14	20428008	2403120	Washer	1	1	1
15	————	271538B91Y0	Upper Looper Holder Assy.	1	1	1
16	20705003	271505-920	Lever	1	1	1
17	207S12002	0071500	Bolt	1	1	1
18	20726004	2715460	Pin Assy.	1	1	1
19	20523005	2021760	Oil Wick	1	1	1
20	207S14010	0045450	Screw	1	1	1
21	2040203000	271533B910	Upper Looper Holder Assy.	1	1	1
22	20623005	179130-050	Felt	1	1	1
23	207S11025	0070541	Screw	1	1	1
25	20417003	XXXXXX	Upper Looper	1	1	1
26	20401009	271510M0	Upper Looper Holder Base	1	1	1
27	20401010	271510N0	Upper Looper Holder Base	1	1	1
28	207S11026	0045100	Bolt	2	2	2
29	20123021	2715190	Folter	1	1	1
30	20412007	2715340	Cover	1	1	1
31	207S11027	0070330	Screw	1	1	1
32	207S17004	0070390	Screw	1	1	1
33	20723005	2745890	Felt	1	1	1
34	20712017	2745880	Bracket Assy.	1	1	1
35	207S11020	0070080	Screw	1	1	1
36	————	0084210	Oil Seal	1	1	1
37	20403003	————	Sleeve	1	1	1
38	20403004	————	Sleeve	1	1	1

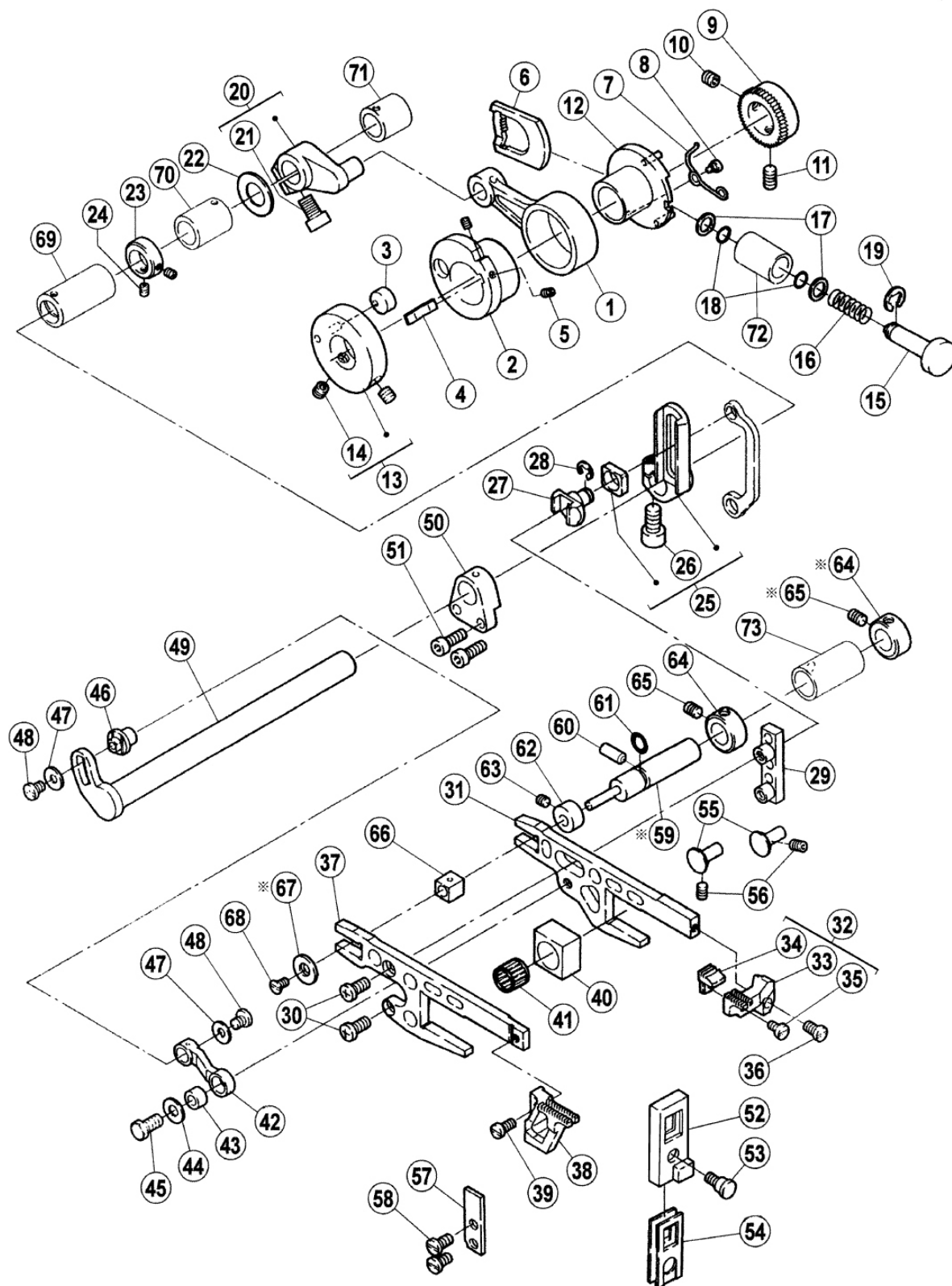
Lower Looper Drive Mechanism



Lower Looper Drive Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20705002	271500-920	Connection	1	1	1
2	207S11005	007022A0	Screw	2	2	2
3	207S11016	007023A0	Screw	2	2	2
6	20404003	272010-920	Crank	1	1	1
7	S05018	0045330	Bolt	1	1	1
8	20402008	271504B0	Shaft	1	1	1
9	20628006	2403380	Washer	1	1	1
10	20628005	3030670	Washer	1	1	1
11	207S11004	0071740	Bolt	1	1	1
12	20628011	2403110	Washer	1	1	1
13	3052201700	204052A0	Oil Seal	1	1	1
14	20401011	272011-910	Lower Looper Holder Assy.	1	1	1
15	S05004	0045010	Bolt	1	1	1
16	20417004	XXXXXXX	Lower Looper	1	1	1
17	S01029	007013A0	Screw	1	1	1
18	20403005	————	Sleeve	1	1	1
19	20403006	————	Sleeve	1	1	1

(1) Feed Mechanism (1)



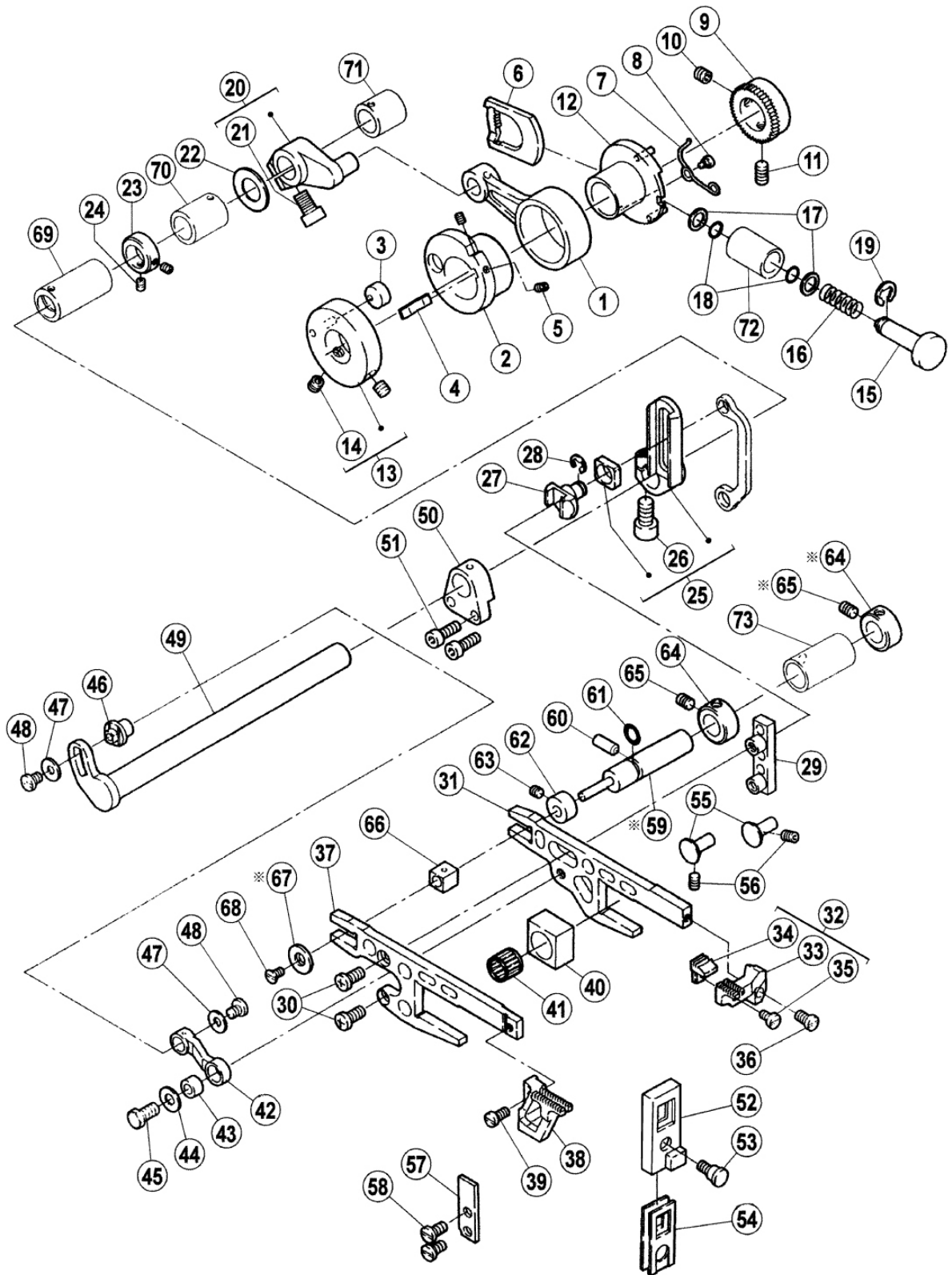
59 64 65 67

JK-797-3-504-D-52D1
Except JK-797-3-504-D-52D1

(1) Feed Mechanism(1)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20405001	2726020	Connection	1	1	1
2	20410001	2725960	Eccentric	1	1	1
3	20426006	2101290	Guide/Feed Eccentric	1	1	1
4	20427005	210130A0	Flat Spring	1	1	1
5	207S14003	0045350	Screw	2	2	2
6	20412008	2725990	Ratchet	1	1	1
7	20427006	2726130	Spring	1	1	1
8	207S20005	0070380	Screw	1	1	1
9	20425001	2726000	Ratchet	1	1	1
10	207S14006	0045140	Screw	1	1	1
11	207S11018	0045720	Screw	1	1	1
12	20410002	272597-910	Eccentric	1	1	1
13	2040800200	272595-910	Regulator	1	1	1
14	207S14006	0045140	Screw	2	2	2
15	20426007	2726100	Push Botton	1	1	1
16	20427007	2405171	Spring	1	1	1
17	20428004	2404840	Washer	2	2	2
18	20422004	2000200	O Ring	2	2	2
19	20629006	2025220	Ring	1	1	1
20	20404004	272603-920	Crank	1	1	1
21	S05018	0045330	Bolt	1	1	1
22	20628014	2082350	Washer	1	1	1
23	20808006	2402920	Collar	1	1	1
24	207S14009	0045540	Screw	2	2	2
25	2040400500	272581-910	Crank Assy.	1	1	1
26	S05018	0045330	Bolt	1	1	1
27	20409003	2725830	Slider	1	1	1
28	H05006	2016290	Ring	1	1	1
29	20409004	2725840	Guide	1	1	1
30	S01005	007020A0	Screw	2	2	2
31	20406001	2725800	Main Feed Bar	1	1	1
32	2041400100	XXXXXX	Main Feed Dog Assy.	1	1	1
33	20414002	XXXXXX	Main Feed Dog	1	1	1
34	20414003	XXXXXX	Auxiliary Feed Dog	1	1	1
35		0054920	Screw	1	1	1
36	S01029	0070130	Screw	1	1	1
37	20406002	2725850	Differential Feed Bar	1	1	1
38	20414004	XXXXXX	Differential Feed Dog	1	1	1

Feed Mechanism (1)



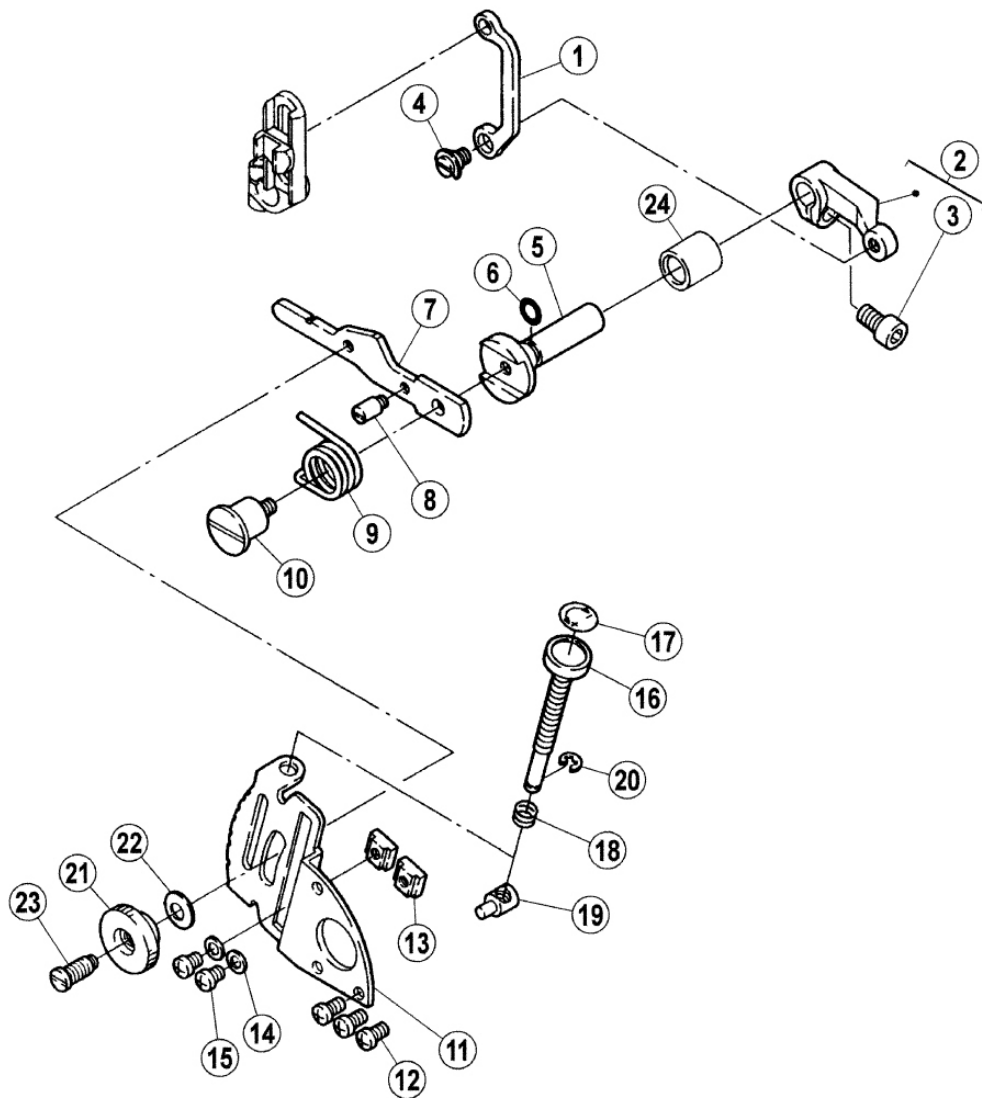
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除JK-797-3-504-D-52D1
Except JK-797-3-504-D-52D1

Feed Mechanism(1)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
39	S01029	0070130	Screw	1	1	1
40	20409005	2726050	Block	1	1	1
41	20424001	240454-20	Needle Bearing	1	1	1
42	20405002	2725790	Link	1	1	1
43	20403002	2726090	Bushing	1	1	1
44	20428005	2405040	Washer	1	1	1
45	204S12001	0072910	Bolt	1	1	1
46	20426008	2726040	Pin	1	1	1
47	20428006	2405050	Washer	2	2	2
48	207S11011	0071430	Screw	2	2	2
49	20402004	2725780	Shaft	1	1	1
50	20401012	2726070	Block	1	1	1
51	413S13011	0045280	Bolt	2	2	2
52	20426009	2726110	Guide	1	1	1
53	204S2001	0072920	Screw	1	1	1
54	20422005	2726120	Oil Seal	2	2	2
55	20426010	2725920	Guide	2	2	2
56	207S14007	0045380	Screw	2	2	2
57	20412009	2725930	Guide	1	1	1
58	S01004	0070820	Screw	2	2	2
59	20402005	2725870	Eccentric Pin	1	1	1
60	S09015	0045840	Screw	1	1	1
61	20622010	2041850	O Ring	1	1	1
62	20708008	2403030	Collar	1	1	1
63	207S14001	0045430	Screw	2	2	2
64	20408004	2404040	Collar	2	2	2
65	207S14007	0045380	Screw	1	1	1
66	20709011	2725260	Block	1	1	1
67	30228007	2400550	Washer	1	1	1
68	S02007	0070410	Screw	1	1	1
69	20703002	————	Sleeve	1	1	1
70	20803020	————	Sleeve	1	1	1
71	20803007	————	Sleeve	1	1	1
72	20403015	————	Sleeve	1	1	1
73	20403016	————	Sleeve	1	1	1

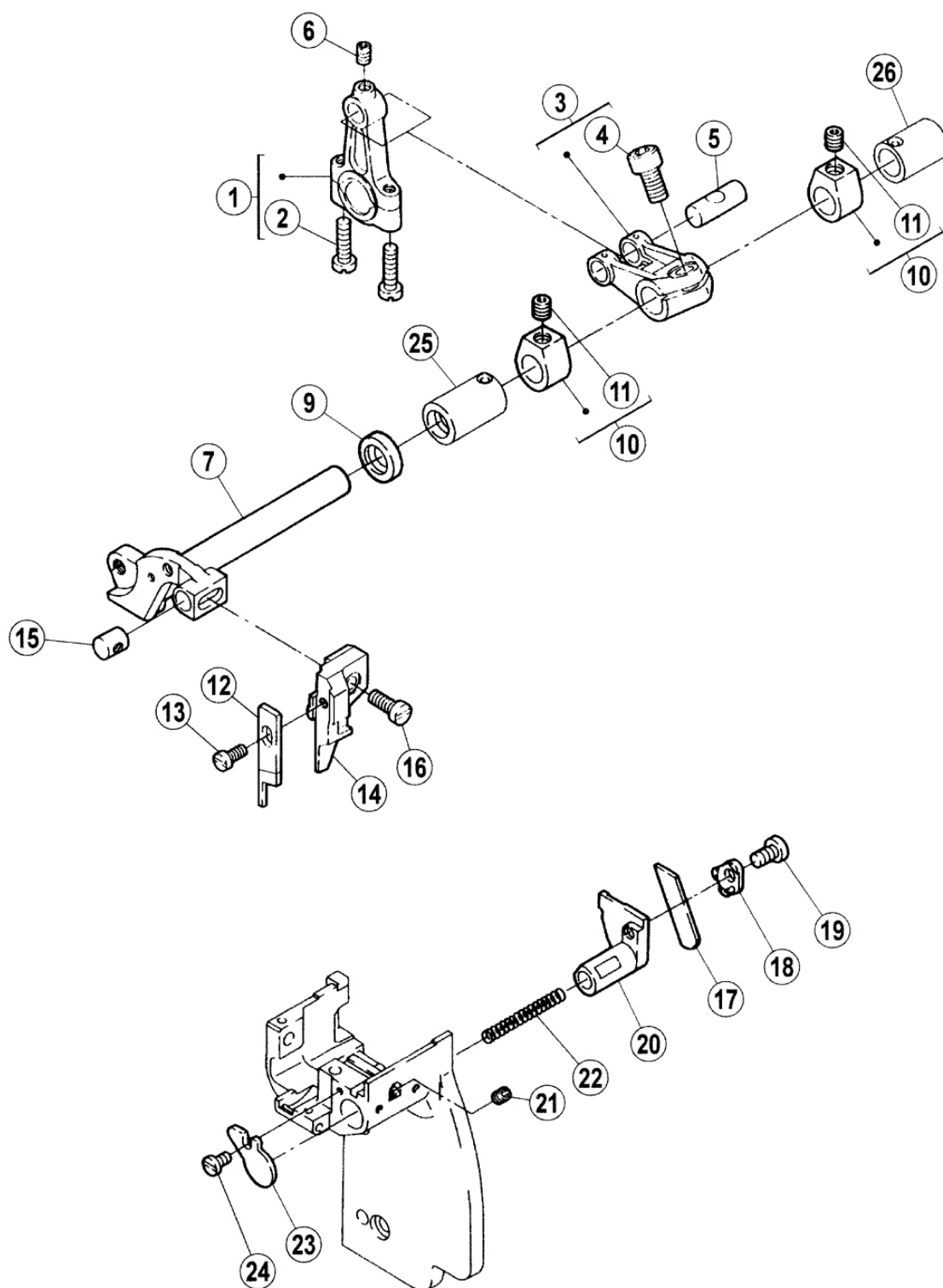
(2) Feed Mechanism(2)



(2) Feed Mechanism (2)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20405003	2725880	Link	1	1	1
2	20404006	272589-920	Lever	1	1	1
3	S05018	0045330	Bolt	1	1	1
4	207S20006	0070580	Screw	1	1	1
5	20402006	2725900	Shaft	1	1	1
6	20622010	2041850	O Ring	1	1	1
7	20412010	2725910	Lever	1	1	1
8	204S2002	0071390	Screw	1	1	1
9	20427008	2726140	Spring	1	1	1
10	207S20007	007019A0	Screw	1	1	1
11	20412011	2725860	Regulator Plate	1	1	1
12	207S11007	007019A0	Screw	3	3	3
13	207S1600100	2526580	Stopper	2	2	2
14	30228009	3034480	Washer	2	2	2
15	207S11011	007018A0	Screw	2	2	2
16	20702007	272538A0	Adjusting Bar	1	1	1
17	20737001	2403220	Seal	1	1	1
18	20727005	2405590	Spring	1	1	1
19	20709007	272539A0	Pin	1	1	1
20	H05018	2005550	Ring	1	1	1
21	2071600100	2520690	Nut	1	1	1
22	20728003	2113010	Spring	1	1	1
23	207S30001	0070590	Screw	1	1	1
24	20403007	————	Sleeve	1	1	1

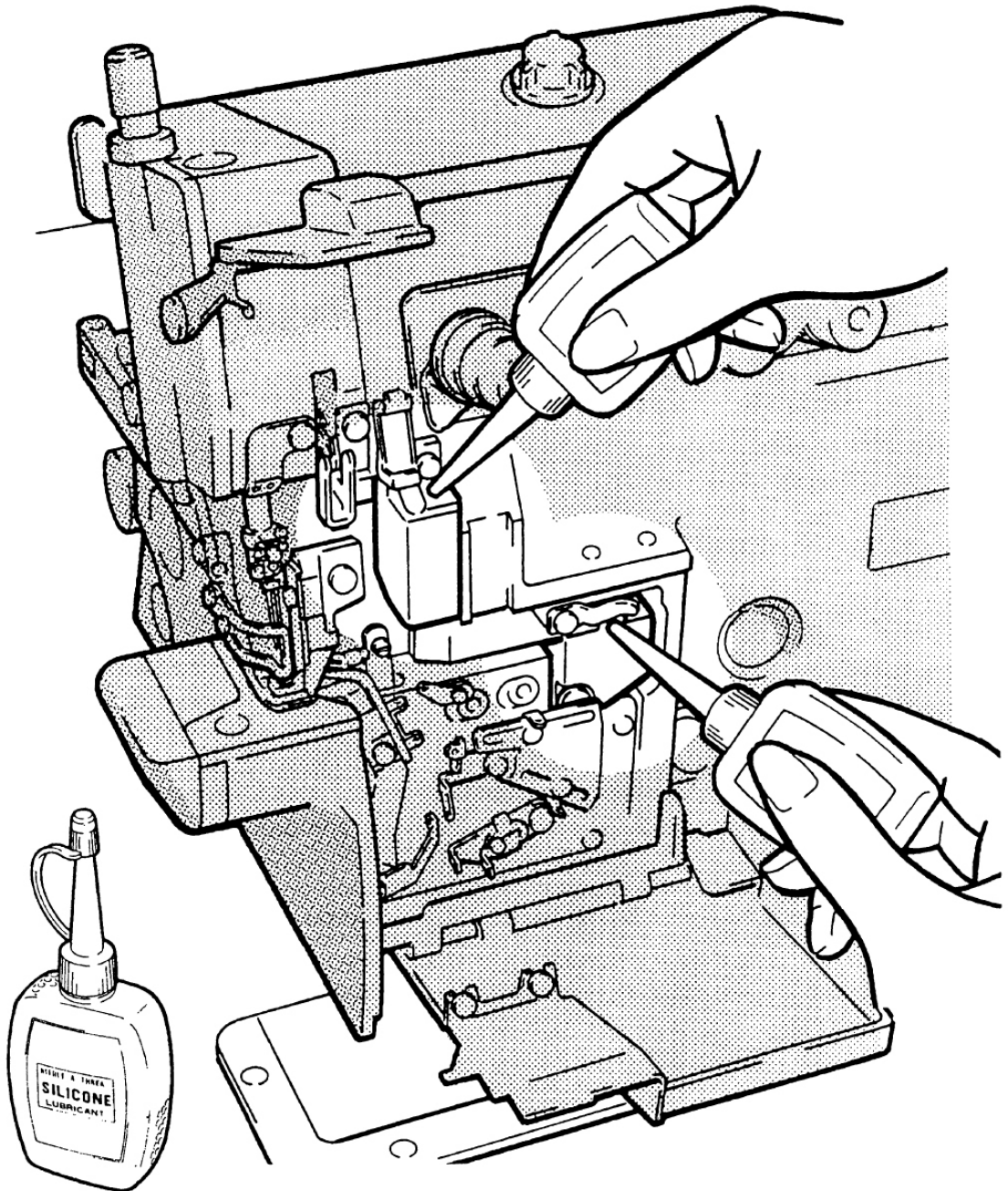
Knife Drive Mechanism



Filling the HR device with silicon oil

Fill the HR device with oil before it is too low in order to prevent needle thread breakage and fabric damage.

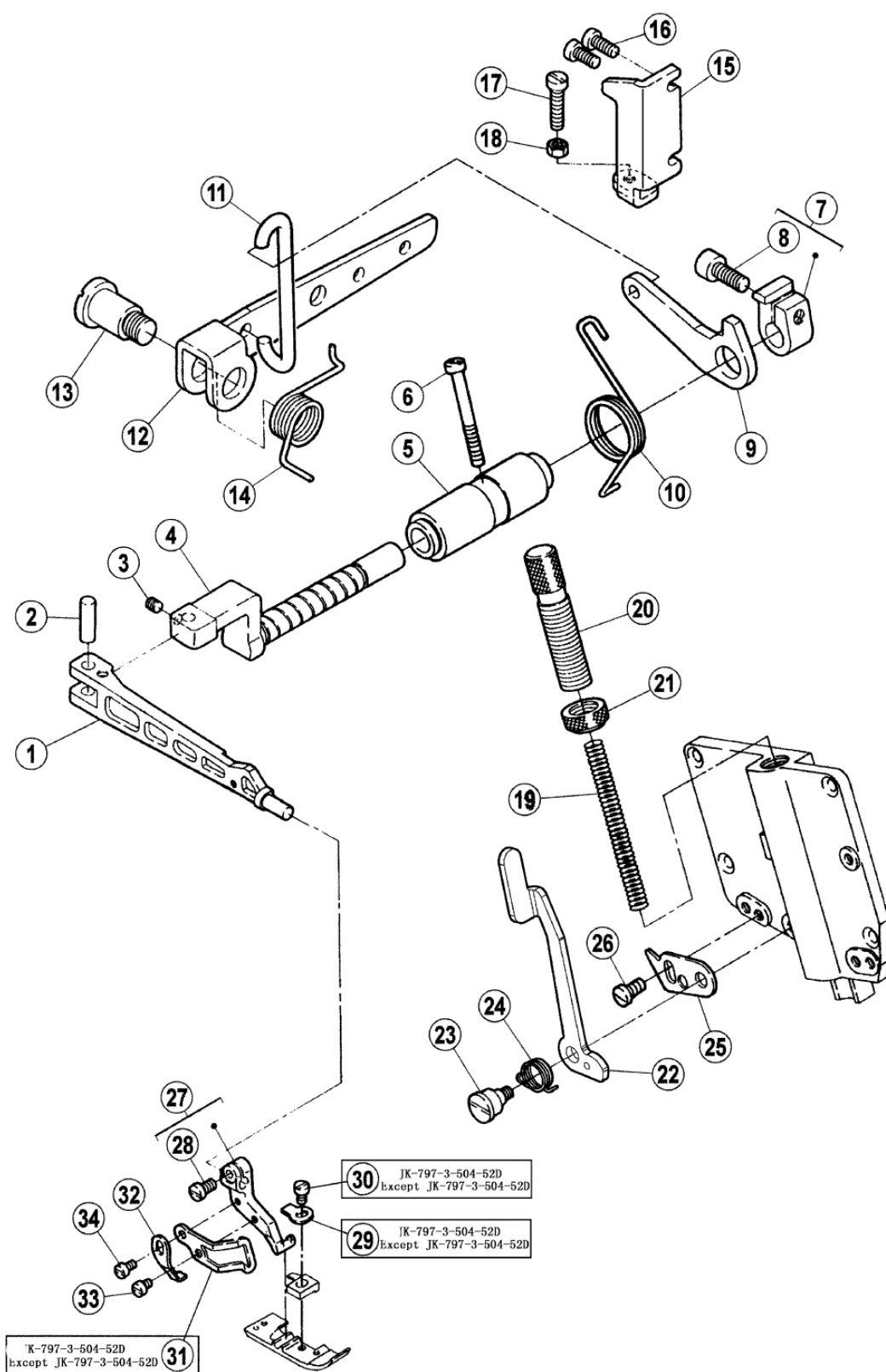
Note: Use Pegasus recommended silicone oil.
(UNION CARBIDE CORPORATION)
UCCL-45(350)



Knife Drive Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	.(Number)		
				Three-thread	Four-thread	Five-thread
1	20705007	273000-920	Connection	1	1	1
2	207S11016	007023A0	Screw	2	2	2
3	20704012	273001-920	Crank	1	1	1
4	S05018	0045330	Bolt	1	1	1
5	20626003	2710010	Pin	1	1	1
6	207S14007	0045380	Screw	1	1	1
7	20402009	273004A0	Upper Knife Lever	1	1	1
9	3052201700	204052A0	Oil seal	1	1	1
10	30208001	240235-920	Collar	2	2	2
11	S10003	0045470	Screw	2	2	2
12	20619002	XXXXXXX	Upper Knife	1	1	1
13	S01029	0070130	Screw	1	1	1
14	20801033	179712-050	Upper Knife Clamp	1	1	1
15	20726005	2730060	Pin	1	1	1
16	207S11012	0070210	Screw	1	1	1
17	20419001	XXXXXXX	Lower Knife	1	1	1
18	20412012	213264-910	Lower Knife Clamp	1	1	1
19	S01004	0070190	Screw	1	1	1
20	20401013	2730270	Lower Knife Holder	1	1	1
21	207S14001	0045430	Screw	1	1	1
22	20427009	2405180	Spring	1	1	1
23	20412013	2130840	Cover	1	1	1
24	S01027	0070100	Screw	1	1	1
25	20403008	————	Sleeve	1	1	1
26	20403009	————	Sleeve	1	1	1

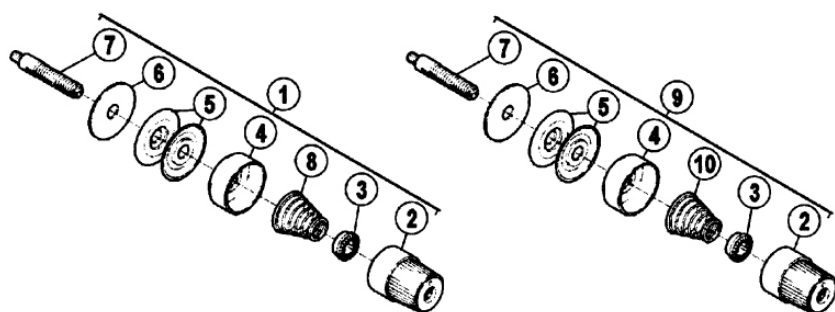
Presser Foot Mechanism



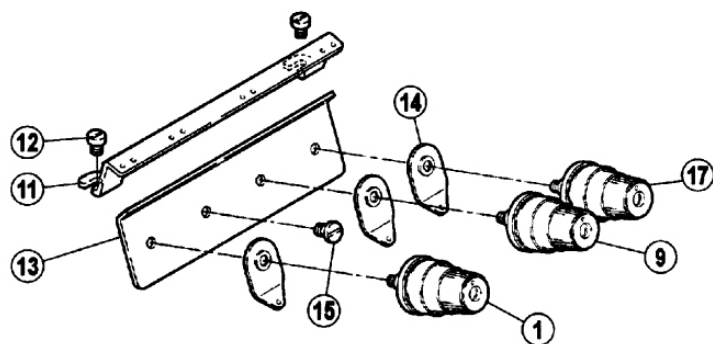
Presser Foot Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20701016	274000-B0	Presser Arm	1	1	1
2	20626016	2085490	Pin	1	1	1
3	S10011	0045940	Screw	1	1	1
4	20802013	2740010	Shaft	1	1	1
5	20703014	2740020	Bushing	1	1	1
6	208L15001	0071050	Screw	1	1	1
7	20608004	274003-921	Collar	1	1	1
8	207S13005	0045340	Bolt	1	1	1
9	20612030	2740040	Lever	1	1	1
10	20427013	274005A0	Spring	1	1	1
11	20712025	2740060	Link	1	1	1
12	20712023	2740070	Lever	1	1	1
13	207S20008	0070600	Screw	1	1	1
14	20727007	2740080	Spring	1	1	1
15	20712024	2740090	Stopper	1	1	1
16	207S11012	007020A0	Screw	2	2	2
17	207S11031	0071750	Screw	1	1	1
18	N01004	0048050	Nut	1	1	1
19	20712028	2087730	Spring	1	1	1
20	20702012	274014A1	Adjusting Screw	1	1	1
21	207S16003	2740150	Nut	1	1	1
22	20612034	274016A0	Lever	1	1	1
23	207S20009	0071710	Screw	1	1	1
24	20627010	2740170	Spring	1	1	1
25	20712030	2740100	Stopper	1	1	1
26	207S11007	0070190	Screw	1	1	1
27	20416001	274018-92B0	Holder	1	1	1
28	207S11030	0070130	Screw	1	1	1
29	20712048	2740190	Flat Spring	1	1	1
30	207S11009	0050890	Screw	1	1	1
31	20712026	2740330	Finger Guard	1	1	1
32	20712048	2740200	Stopper	1	1	1
33	207S11020	0070080	Screw	1	1	1
34	207S11009	0070090	Screw	1	1	1

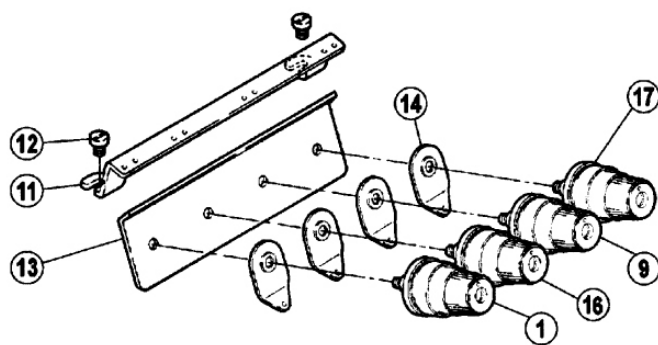
Thread Tension Mechanism



■ 1针 (1-needle)



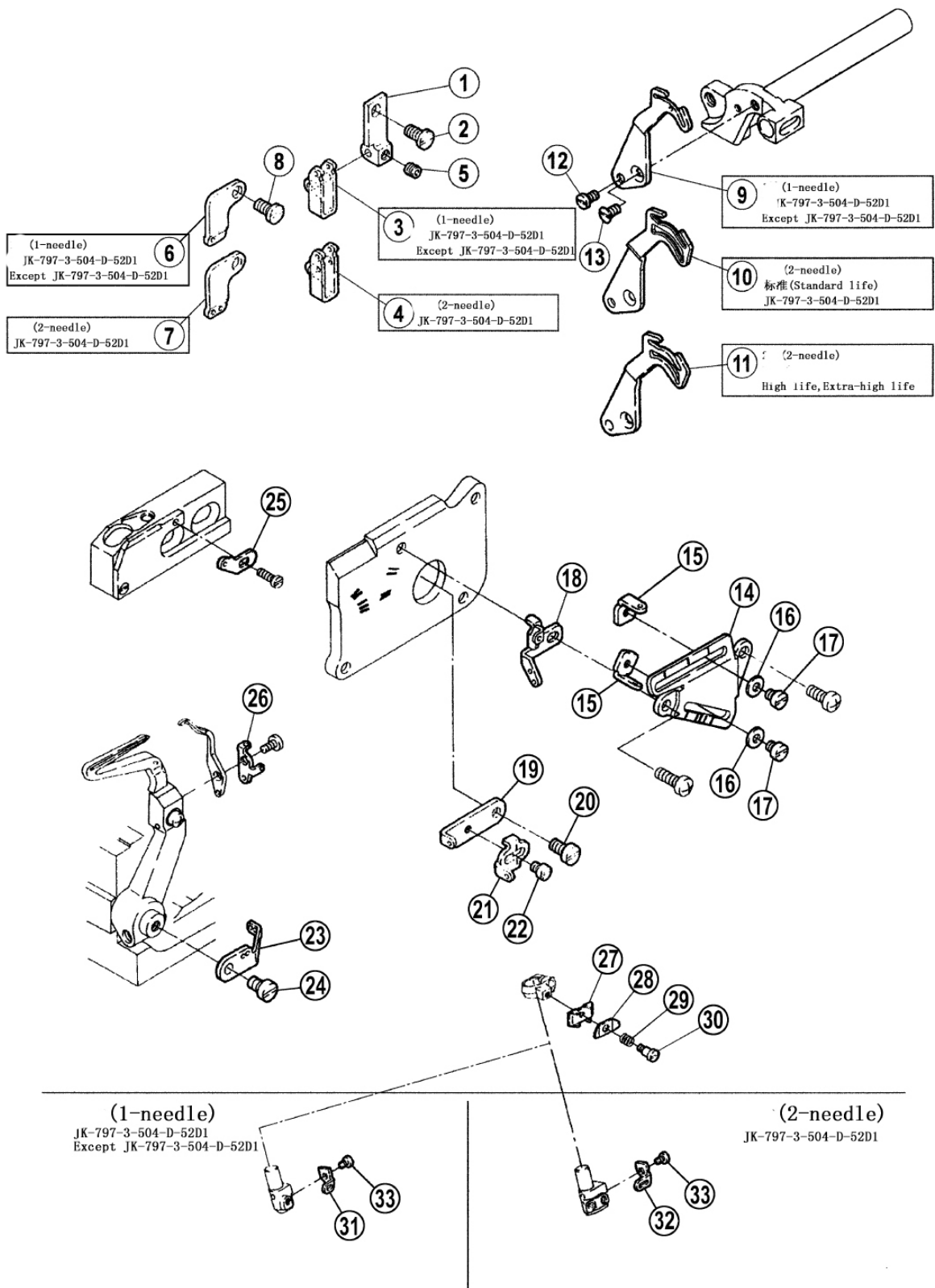
■ 2针 (2-needle)



Thread Tension Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	2071100400	210529-9T0	Tension Spring Assy.	1	1	1
2	301S16006	208447-UA	Knob	1	1	1
3	30111006	208448	Rachet	1	1	1
4	30111005	208450-UA	Cup	1	1	1
5	30128016	210319	Tension Disc	2	2	2
6	20623008	208449	Felt	1	1	1
7	201S30016	5082A	Screw Stud	1	1	1
8	20727011	20137	Spring	1	1	1
9	2071100500	210531-9U	Tension Spring Assy.	1	1	1
10	30127013	201086	Spring	1	1	1
11	20713001	275000	Thread Guide	1	1	1
12	207S11007	7019	Screw	2	2	2
13	20712015	2750010	Thread Guide	1	1	1
14	20612052	202849	Tension Guide	3	3	4
15	207S11001	4009-HC	Screw	1	1	0
16	2071100300	210530-9U	Tension Spring Assy.	0	0	1
17	2071100700	210532-9U	Tension Spring Assy.	1	1	1

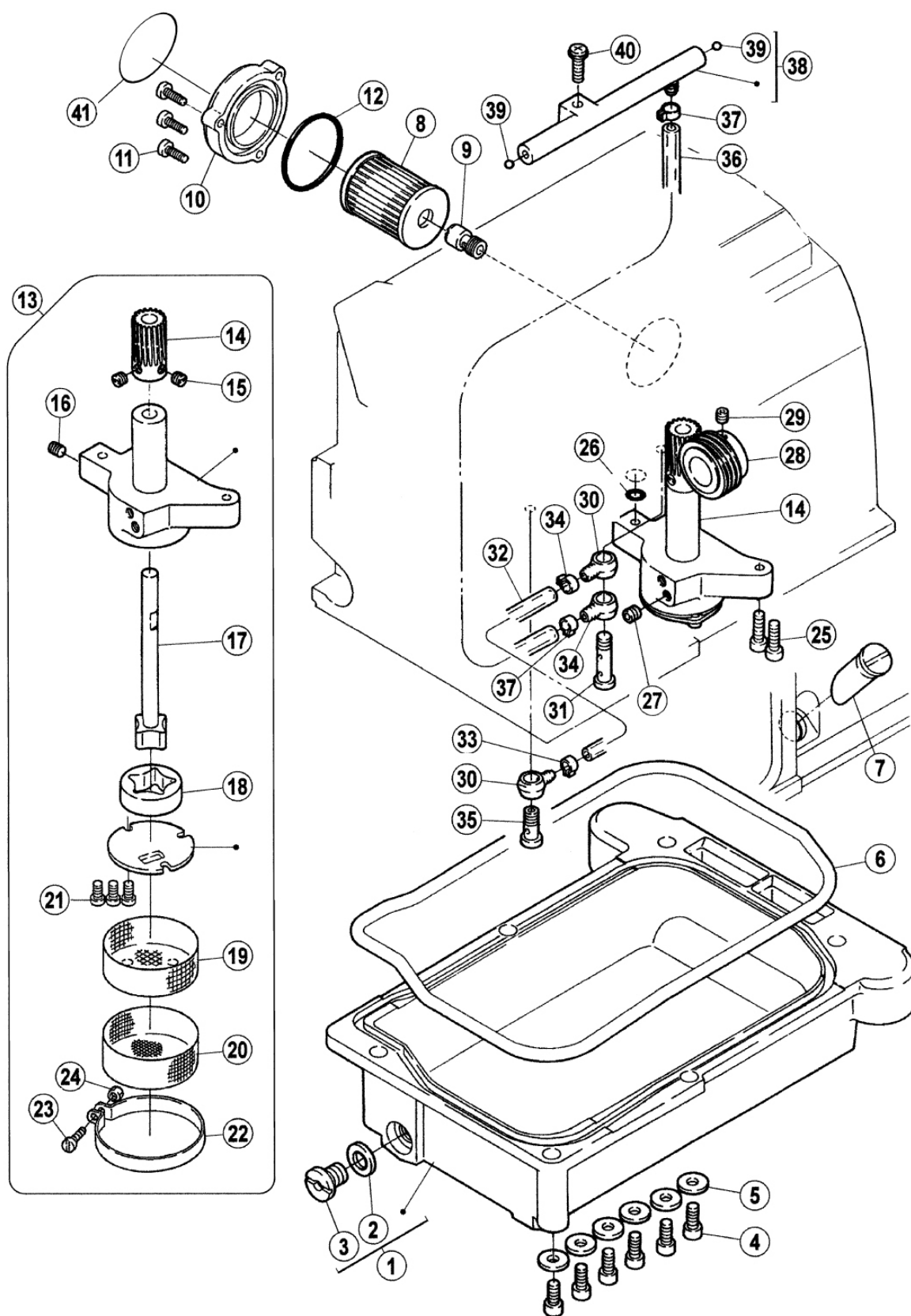
Thread Guide & Thread Mechanism



Thread Guide & Thread Mechanism

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20701010	2750150	Bracket	1	1	1
2	207S11019	0070820	Screw	1	1	1
3	20713002	275013A0	Thread Guide	1	1	1
4	20713003	2750130	Thread Guide	1	1	1
5	207S14001	0045430	Screw	1	1	1
6	20713004	2750180	Thread Guide	1	1	1
7	20713005	275018A0	Thread Guide	0	1	1
8	207S11019	0070820	Screw	1	1	1
9	20813002	275016A0	Needle Thread Take-up	1	1	1
10	20813004	275017A0	Needle Thread Take-up	0	1	1
11	20813004	275106A0	Needle Thread Take-up	1	1	1
12	207S11015	0070620	Screw	1	1	1
13	S02007	0070410	Screw	1	1	1
14	20712016	2750040	Bracket	1	1	1
15	20113015	2750470	Thread Guide	2	2	2
16	W01011	2028750	Washer	2	2	2
17	201S11006	0070080	Screw	2	2	2
18	20413001	2751070	Thread Guide	1	1	1
19	20713010	2750050	Thread Take-up	1	1	1
20	207S11007	0070190	Screw	1	1	1
21	20713011	2750060	Thread Guide	1	1	1
22	207S11020	0070080	Screw	1	1	1
23	20413002	2751080	Thread Take-up	1	1	1
24	207S11011	0070180	Screw	1	1	1
25	20713013	2570100	Thread Guide	1	1	1
26	20413003	2751090	Thread Guide	1	1	1
27	20713006	2750110	Thread Retainer Bracket	1	1	1
28	20713007	2750120	Thread Retainer	1	1	1
29	20727002	2403260	Spring	1	1	1
30	207S20003	0071630	Screw	1	1	1
31	20713038	275019A0	Thread Guide	1	1	1
32	20713018	275019B0	Thread Guide	1	1	1
33	207S11024	0070120	Screw	1	1	1

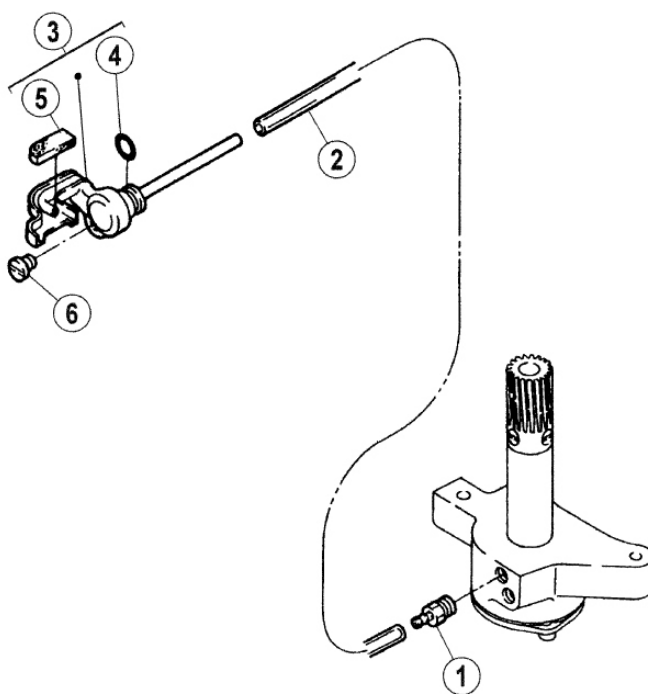
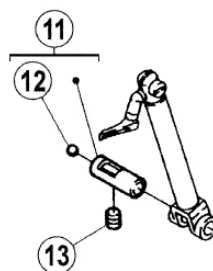
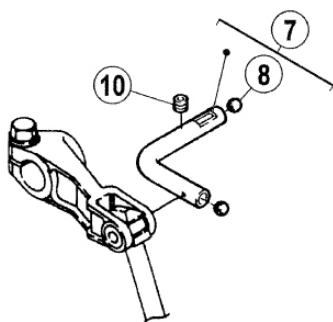
(1) Lubrication Mechanism(1)



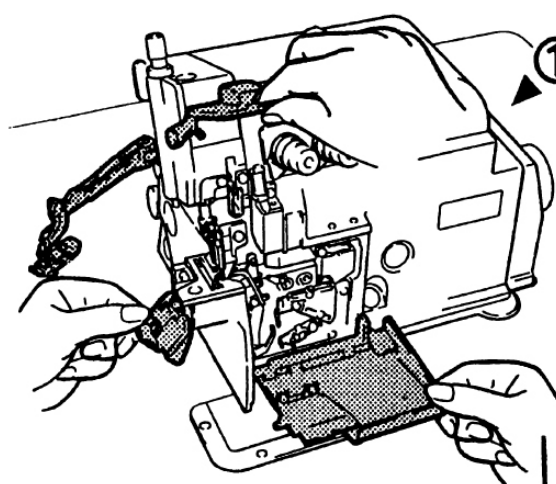
(1) Lubrication Mechanism(1)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20401014	274587-910	Oil Reservoir Assy.	1	1	1
2	20622014	202287A0	Washer	1	1	1
3	207S13002	0053138B0	Screw	1	1	1
4	207S13009	0045310	Bolt	6	6	6
5	20628018	2403390	Washer	6	6	6
6	20422007	2745830	Gasket	1	1	1
7	20437009	2745390	Oil Sight Gauge	1	1	1
8	20136001	2062330	Filter Element	1	1	1
9	20836001	274528A0	Joint	1	1	1
10	30101021	210201-SD0	Cover	1	1	1
11	207S11008	007021A0	Screw	3	3	3
12	O01010	2064310	O Ring	1	1	1
13	2082000100	274546-910	Pump Assy.	1	1	1
14	20725002	2116180	Worm Wheel	1	1	1
15	207S15002	0050600	Screw	2	2	2
16	————	0045220	Screw	1	1	1
17	————	212978-910	Rotor(Inside) Shaft	1	1	1
18	————	2129810	Rotor(Outside)	1	1	1
19	————	2094080	Filter(Inside)	1	1	1
20	————	2094090	Filter(Outside)	1	1	1
21	————	0070120	Screw	3	3	3
22	————	2094100	Clamp	1	1	1
23	————	0070110	Screw	1	1	1
24	————	0048000	Nut	1	1	1
25	————	0045290	Bolt	2	2	2
26	20622010	2041850	O Ring	1	1	1
27	S01009	0045220	Screw	1	1	1
28	20425002	274507A0	Worm	1	1	1
29	207S14006	0045140	Screw	1	1	1
30	20636001	2001360	Joint	2	2	2
31	20420004	2745860	Joint Screw	1	1	1
32	30121021	1L700400000	Tube	1	1	1
33	20629002	2021990	Clamp	2	2	2
34	20636001	2001360	Joint	1	1	1
35	206S30009	2403280	Joint Screw	1	1	1
36	30121021	2068400	Tube	1	1	1
37	20629002	2021990	Clamp	2	2	2
38	20420005	274591-910	Oil Distributor Assy.	1	1	1
39	20709014	2102140	Ball	2	2	2
40	207S11016	004211-HU0	Screw	1	1	1
41	30131004	9A30020	Filter seal	1	1	1

(2) Lubrication Mechanism (2)

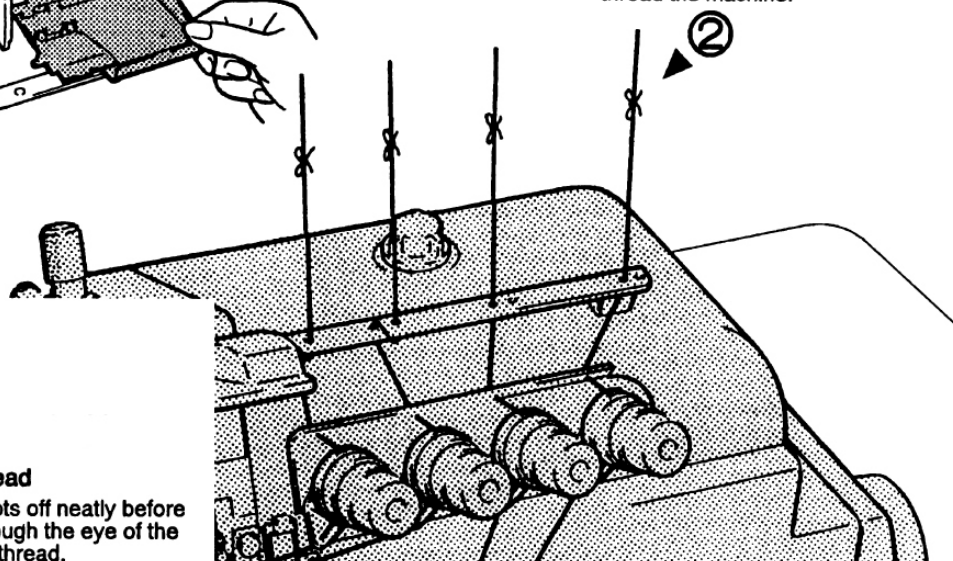


Threading



① Open three covers.
Swing the presser foot aside.

Knot the preset thread and the thread being used together to thread the machine.



②

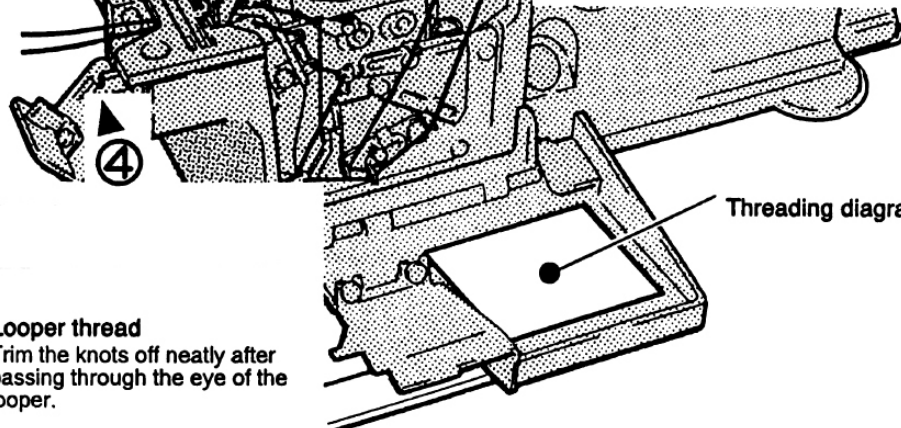
Needle thread

Trim the knots off neatly before passing through the eye of the needle to rethread.



③

Be sure to thread the machine correctly by referring to the threading diagram.



④

Threading diagram

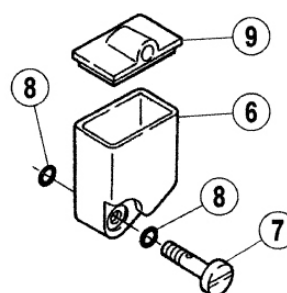
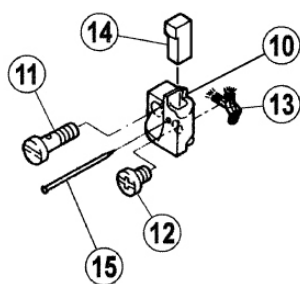
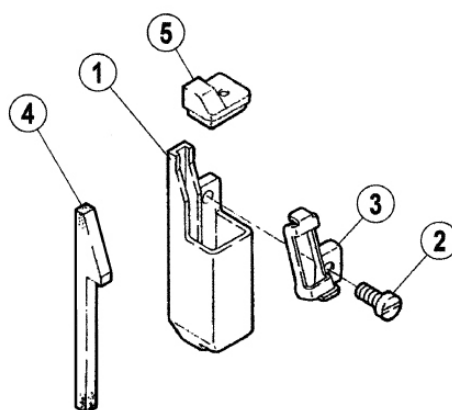
Looper thread

Trim the knots off neatly after passing through the eye of the looper.

(2) Lubrication Mechanism (2)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20521009	2745920	Joint	1	1	1
2	20721008	2745200	Tube	1	1	1
3	2071203800	274584-910	Joint Assy.	1	1	1
4	20622010	2041850	O Ring	1	1	1
5	20723007	2745220	Felt	1	1	1
6	207S11011	0071430	Screw	1	1	1
7	20721010	274516-910	Pipe Assy.	1	1	1
8	20709016	2400970	Ball	2	2	2
10	207S14001	0045430	Screw	1	1	1
11	20626007	274517B910	Pipe Assy.	1	1	1
12	20709015	2400970	Ball	1	1	1
13	207S14001	0045430	Screw	1	1	1

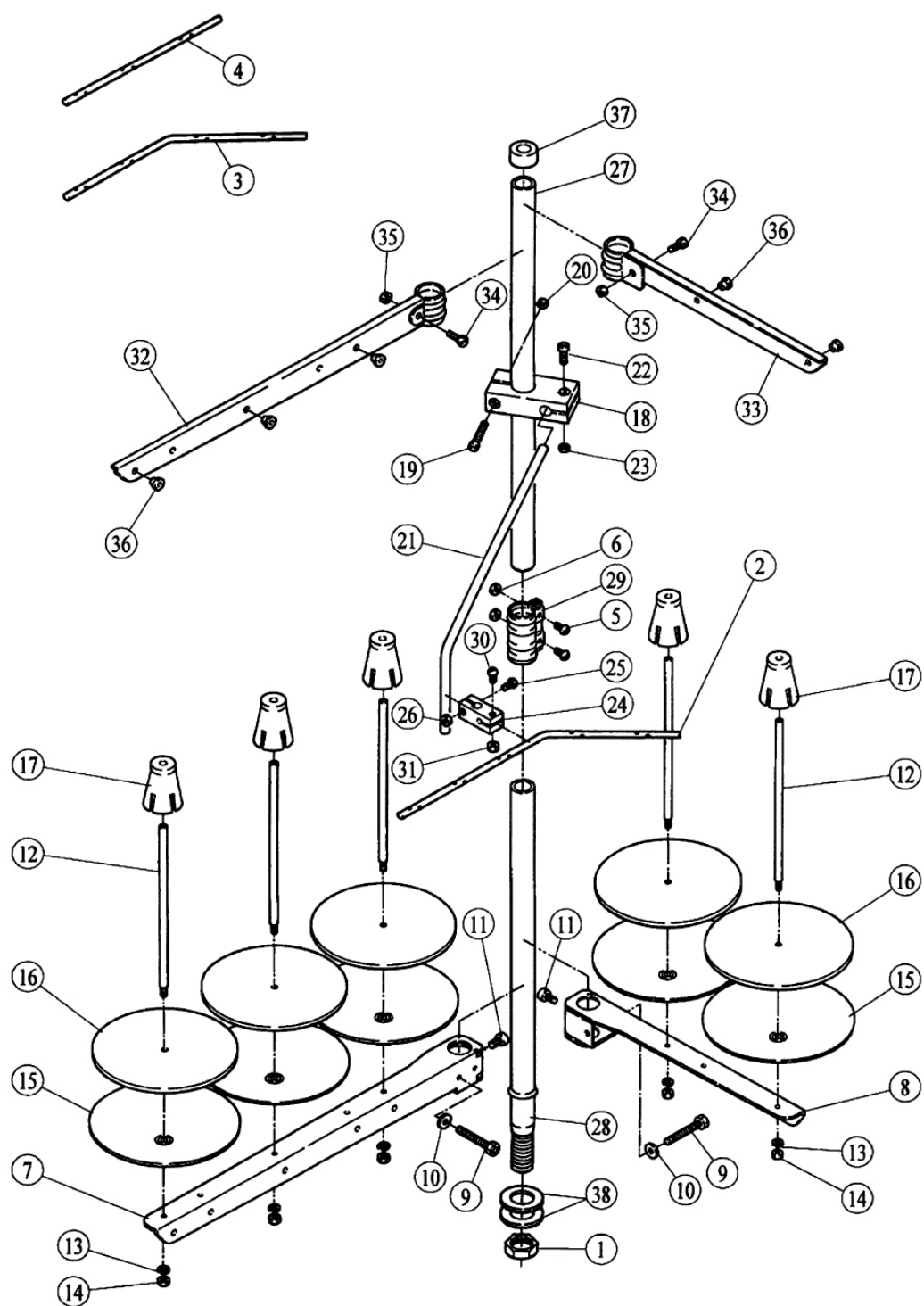
H.R.Device



H.R.Device

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20711014	2755000	Silicone Oil Reservoir(Upper)	1	1	1
2	207S11012	0070200	Screw	1	1	1
3	20712040	2755020	Thread Guide	1	1	1
4	20723008	2755030	Felt	1	1	1
5	20711015	2755010	Cover	1	1	1
6	20411002	2755700	Silicone Oil Reservoir(Lower)	1	1	1
7	20420008	2755720	Joint Screw	1	1	1
8	20422008	2089490	O Ring	1	1	1
9	20411003	2755710	Cover	2	2	2
10	2041100400	275576-910	Needle Cooler	1	1	1
11	20420009	2755730	Joint Screw	1	1	1
12	207S11011	007017A0	Screw	1	1	1
13	207S23002	2021740	Oil Wick	1	1	1
14	20423006	2130900	Felt	1	1	1
15	20726010	2107660	Pin	1	1	1
16	20412014	————				

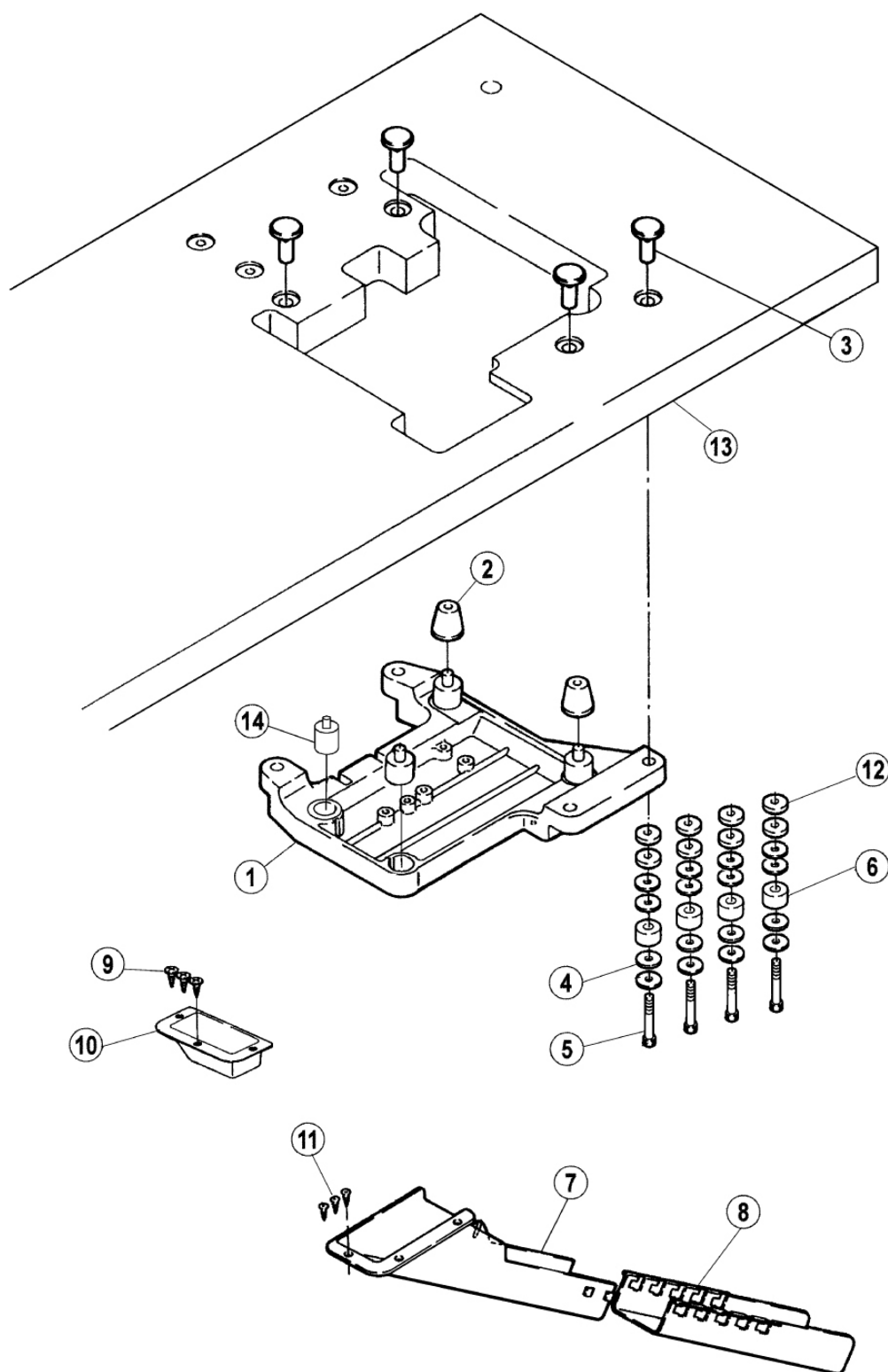
Thread Stand



Thread Stand

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	206S16007	4835	Nut	1	1	1
2	30113019	293A	Thread guide(5-spool)	0	0	1
3	20631019	293B	Thread guide(4-spool)	0	1	0
4	20631018	293C	Thread guide(3-spool)	1	0	0
5	206S16008	4021	Screw	2	2	2
6	N01004	---	Nut	2	2	2
7	20631029	505-PA	Thread hanger	1	1	1
8	20631026	505APA	Thread hanger	1	1	1
9	206S30025	7102	Screw	2	2	2
10	20631032	512	Washer	2	2	2
11	206S30024	4022	Screw	2	2	2
12	20631023	380A	Spool pin	6	6	6
13	20631031	201252	Spring washer	6	6	6
14	206S16006	4803	Nut	6	6	6
15	20631025	381-PA	Spool seat disc	6	6	6
16	20631024	507	Spool mat	6	6	6
17	20631021	382-PA	Spool cushion	6	6	6
18	20631015	383-PA	Holder	1	1	1
19	206S30027	4014	Screw	1	1	1
20	206S16006	4803	Nut	1	1	1
21	20631022	384	Thread guide arm	1	1	1
22	206S30023	4012	Screw	1	1	1
23	206S16006	4803	Nut	1	1	1
24	20631017	233-PA	Holder	1	1	1
25	206S30023	4012	Screw	1	1	1
26	206S16006	4803	Nut	1	1	1
27	20631012	502-PA	Column pipe(upper)	1	1	1
28	20631027	503-PA	Column pipe(lower)	1	1	1
29	20631016	504-PA	Joint	1	1	1
30	206S30023	4012	Screw	1	1	1
31	206S16006	4803	Nut	1	1	1
32	20631013	527-PA	Thread hanger	1	1	1
33	20631014	527APA	Thread hanger	1	1	1
34	206S16008	4021	Screw	2	2	2
35	N01004	———	Nut	2	2	2
36	20631030	506	Thread eyelet	6	6	6
37	20631011	386	Rod cap	1	1	1
38	20631028	509	Washer	2	2	2

Parts For Semi-submerged Installation

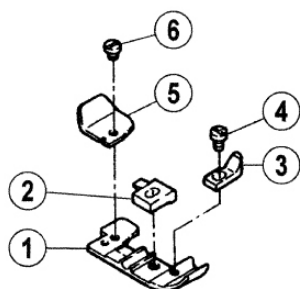


Parts For Semi-submerged Installation

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	20401018	2760170	Rest Board	1	1	1
2	20722009	179483-050	Cushion Rubber	2	2	2
3	301S16008	2063360	Nut	4	4	4
4	20131029	————	Spacer	16	16	16
5	301S30017	4512	Bolt	4	4	4
6	20131030	————	Washer	4	4	4
7	20131032	205468-PA	Waste Chute(Top)	1	1	1
8	20131033	205469-PA	Waste Chute(Lower)	1	1	1
9	20131034	4904	Screw	3	3	3
10	20131031	205470-PA	Waste Chute Bracket	1	1	1
11	20131035	4905	Screw	4	4	4
12	30122031	————	Spring Washer	8	8	8
13	20432001	————	Table	1	1	1
14	20131026	2054730	Cushion Rubber Assy.	2	2	2

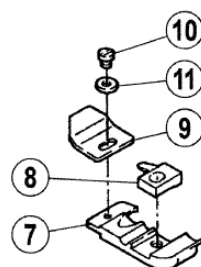
(1) Specific Parts(1)

(Plain seaming)
JK-797-3-504-02, 04
JK-797-4-514-03, 04

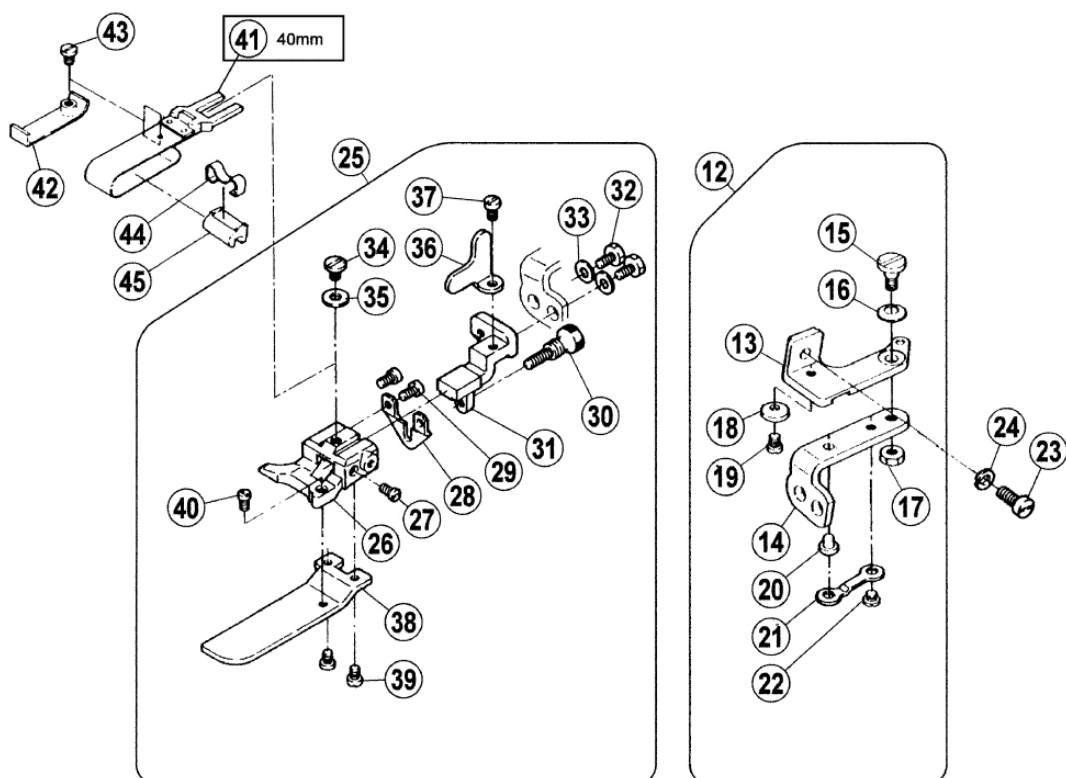


Blindstitch hemming

JK-797-3-505-12



JK-797-3-505-12
JK-797-4-514-92M2

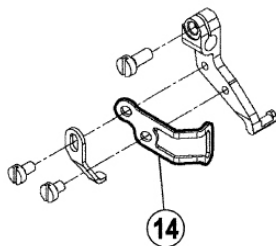


(1) Specific Parts(1)

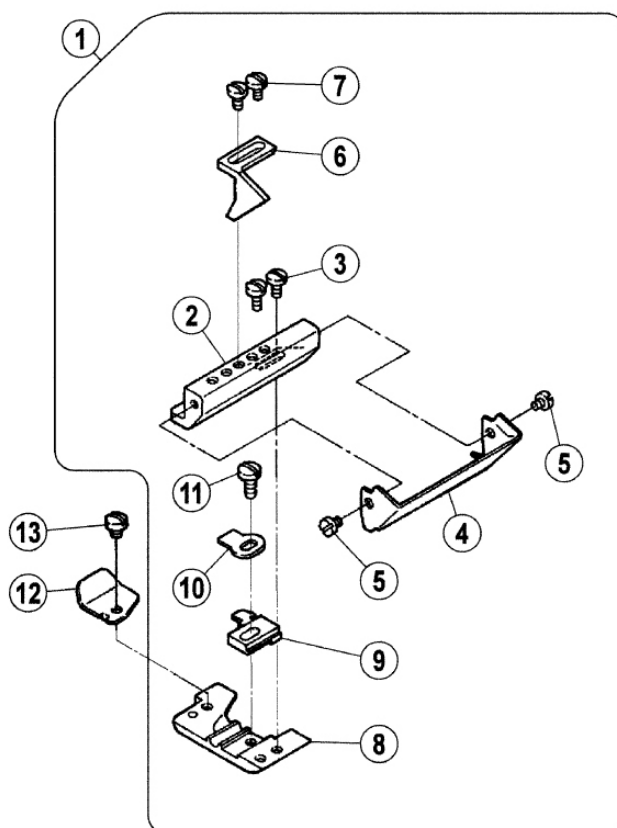
Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	XXXXXX	XXXXXX	Presser Foot	1	1	1
2	XXXXXX	XXXXXX	Presser Foot Finger	1	1	1
3	20701023	2115570	Fabric Guide	1	1	1
4	207S11033	0013330	Screw	1	1	1
5	20712031	2116000	Presser Foot Auxiliary Plate	1	1	1
6	207S11034	0050300	Screw	1	1	1
7	XXXXXX	XXXXXX	Presser Foot	1	1	1
8	XXXXXX	XXXXXX	Presser Foot Finger	1	1	1
9	20712068	2105840	Presser Foot Auxiliary Plate	1	1	1
10	207S11034	0050300	Screw	1	1	1
11	20728004	2105850	Washer	1	1	1
12	———	2106850	Bracket Assy.	1	1	1
13	20112051	2106800	Bracket	1	1	1
14	20112052	2106810	Hinge guide bracket	1	1	1
15	201S20002	0051840	Screw	1	1	1
16	20128027	2011910	Spring	1	1	1
17	201S16003	0030440	Nut	1	1	1
18	———	2106820	Washer	1	1	1
19	———	0050530	Screw	1	1	1
20	20126020	2106830	Pin	1	1	1
21	20112053	2106840	Flat Spring	1	1	1
22	201S11011	0029060	Screw	1	1	1
23	———	0070200	Screw	1	1	1
24	———	2012520	Washer	1	1	1
25	———	210691A910	Guide Assy.	1	1	1
26	20612041	205361A0	Bracket	1	1	1
27	206S11018	0050570	Screw	1	1	1
28	20612042	2106890	Bracket	1	1	1
29	206S11011	0051570	Screw	2	2	2
30	206S11012	0024300	Screw	1	1	1
31	20612043	2106900	Bracket	1	1	1
32	201S12001	0050880	Bolt	2	2	2
33	20128020	1670660	Washer	2	2	2
34	206S11010	0029050	Screw	1	1	1
35	20628016	1371420	Washer	1	1	1
36	20612044	2106920	Stopper	1	1	1
37	206S11013	0012060	Screw	1	1	1
38	———	2130950	Auxiliary Plate	1	1	1
39	———	0012290	Screw	2	2	2
40	———	0050570	Screw	1	1	1
41	20612040	201211C910	Guide Assy.(40mm)	1	1	1
42	20612048	2058350	Guide	1	1	1
43	20628020	0052990	Screw	1	1	1
44	20612049	303312A0	Clamp	1	1	1
45	20612050	3033130	Stopper	1	1	1

(2) Specific Parts(2)

JK-797-3-504-52D

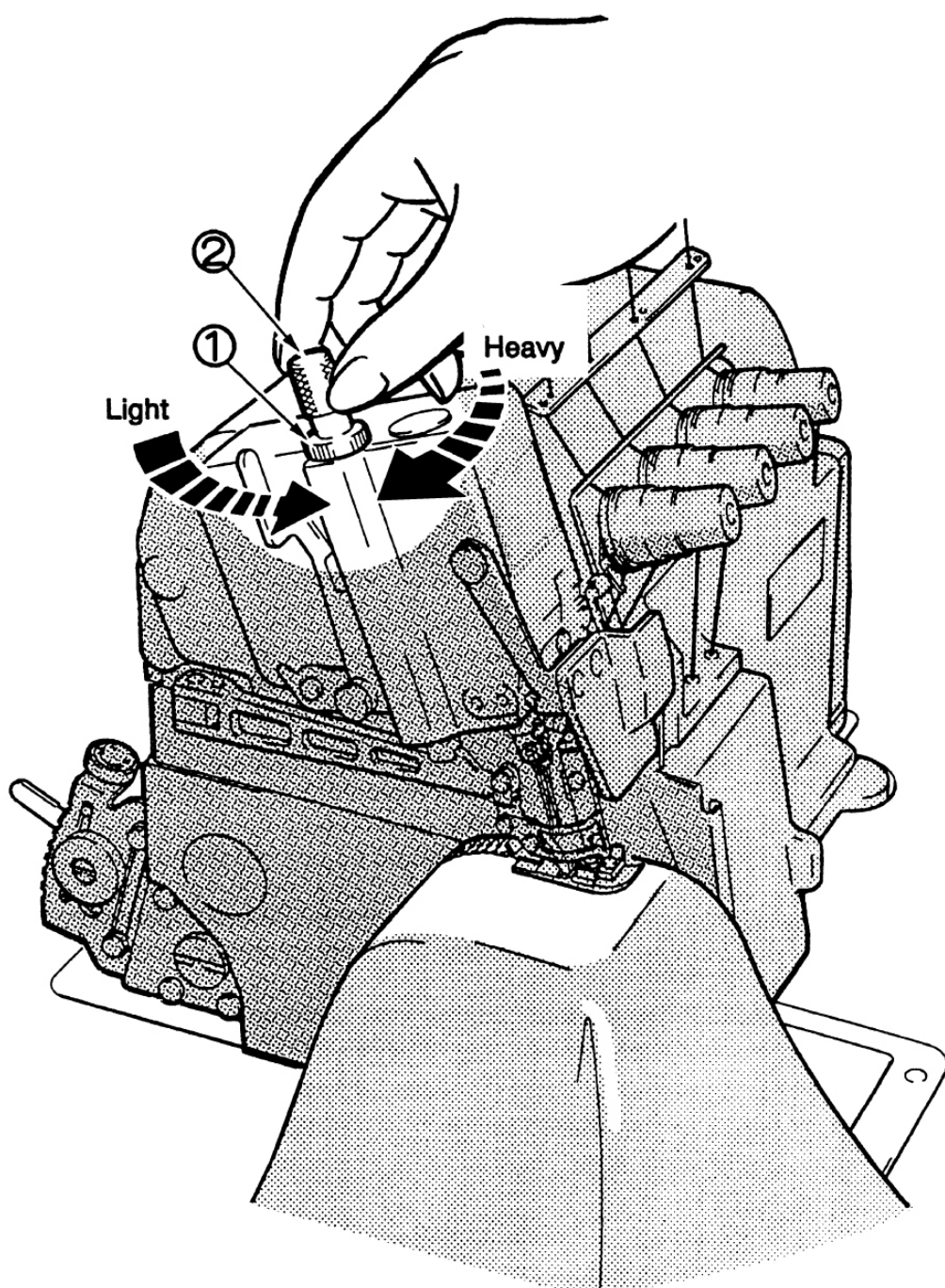


JK-797-3-504-52D/MC310, 311



Presser foot pressure

Loosen the adjusting nut ① and turn the adjusting nut ② to adjust the presser foot pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.

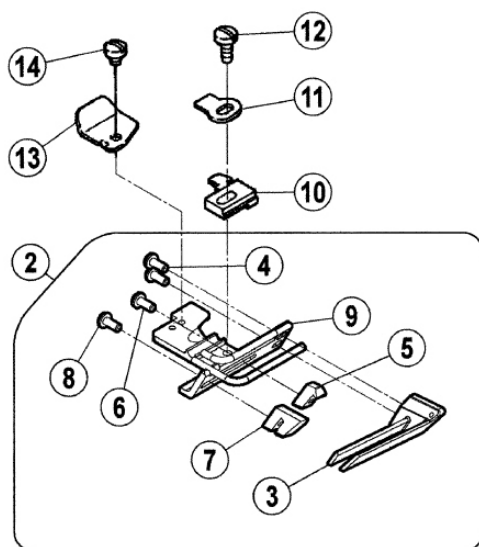


(2) Specific Parts(2)

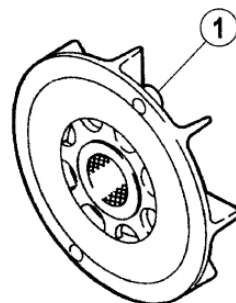
Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	—	XXXXXX	Presser Foot Assy.	1	1	1
2	—	2771790	Bracket	1	1	1
3	—	0070310	Screw	2	2	2
4	—	213677A0	Guide A	1	1	1
5	—	0056150	Screw	2	2	2
6	—	213678A0	Guide B	1	1	1
7	—	0029220	Screw	2	2	2
8	—	2136720	Presser Foot	1	1	1
9	—	XXXXXX	Presser Foot Finger	1	1	1
10	—	2740190	Flate Spring	1	1	1
11	—	0050890	Screw	1	1	1
12	—	2116000	Presser Foot Auxiliary Plate	1	1	1
13	—	0050300	Screw	1	1	1
14	—	274025A0	Finger Guard	1	1	1

(3) Specific Parts(3)

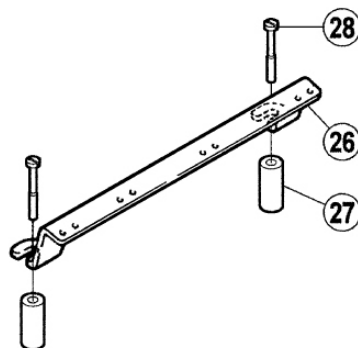
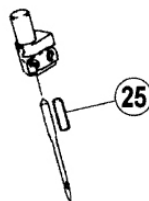
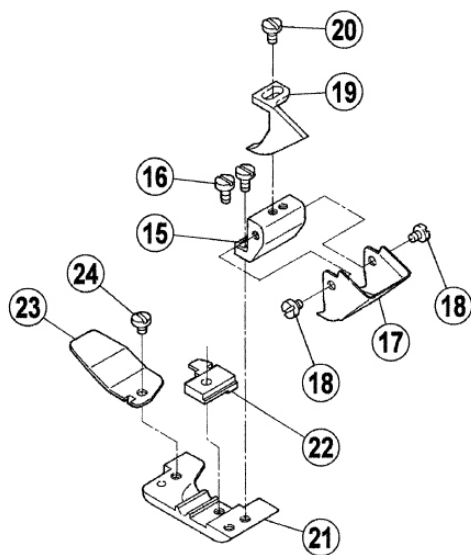
JK-797-3-504-52D/MC501



JK-797-3-504-52D/MC
JK-797-3-504-D-52D1/MC



JK-797-3-504-D-52D1/MC400, 401

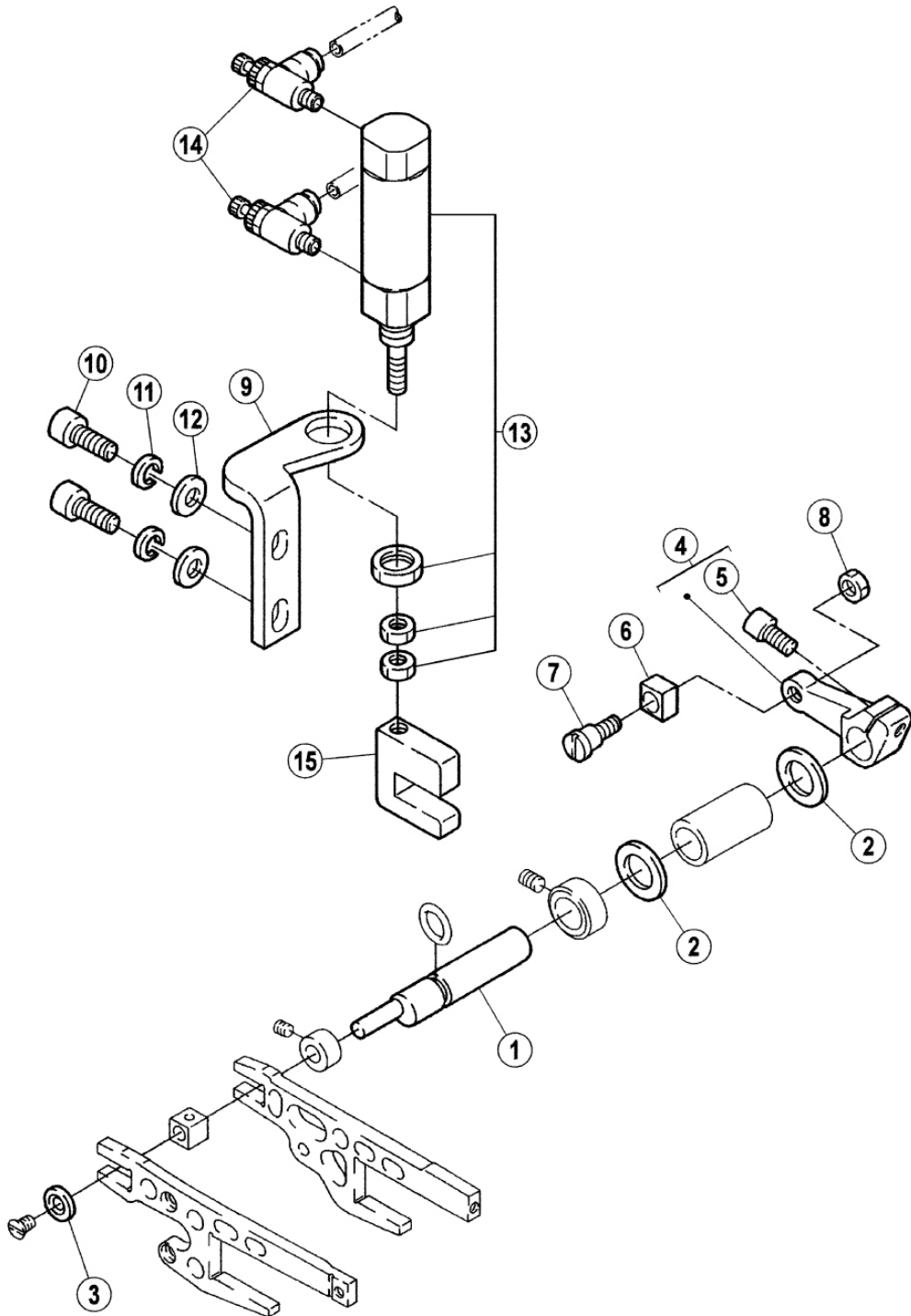


(3) Specific Parts(3)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	———	305276-910	Fan Assy.	1	1	1
2	———	XXXXXXX	Presser Foot Assy.	1	1	1
3	———	2136640	Guide A	1	1	1
4	———	0029220	Screw	2	2	2
5	———	2136650	Guide B	1	1	1
6	———	0029220	Screw	1	1	1
7	———	2136660	Guide C	1	1	1
8	———	0029220	Screw	1	1	1
9	———	213659-910	Presser Foot	1	1	1
10	———	XXXXXXX	Presser Foot Finger	1	1	1
11	———	2740190	Flat Spring	1	1	1
12	———	0050890	Screw	1	1	1
13	———	2116000	Presser Foot Auxiliary Plate	1	1	1
14	———	0050300	Screw	1	1	1
15	———	2746010	Bracket	1	1	1
16	———	0070310	Screw	2	2	2
17	———	2136740	Guide A	1	1	1
18	———	0056150	Screw	2	2	2
19	———	2746020	Guide B	1	1	1
20	———	0029220	Screw	1	1	1
21	———	XXXXXXX	Presser Foot	1	1	1
22	———	XXXXXXX	Presser Foot Finger	1	1	1
23	———	2780210	Presser Foot Auxiliary Plate	1	1	1
24	———	0050300	Screw	1	1	1
25	———	2052690	Pin	1	1	1
26	———	2750000	Thread Guide	1	1	1
27	———	350188A0	Spacer	2	2	2
28	———	0070720	Screw	2	2	2

(4) Specific Parts(4)

JK-797-3-504-D-52D1/MC

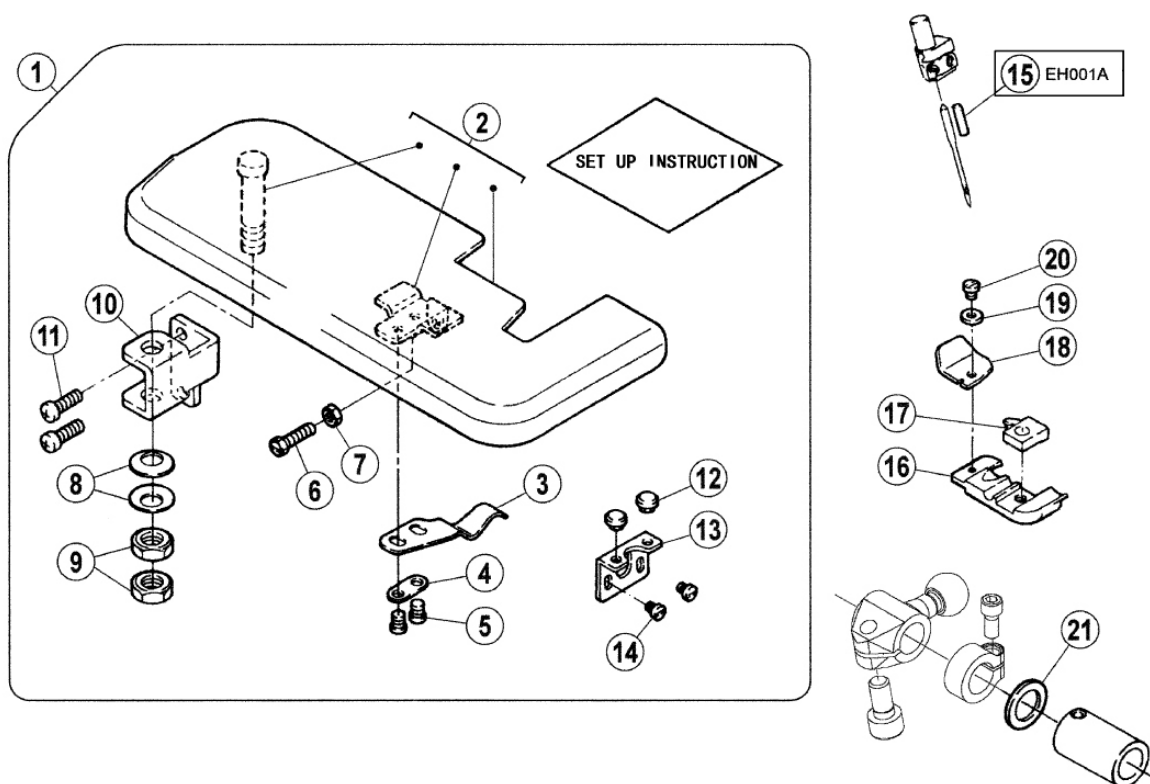


(4) Specific Parts(4)

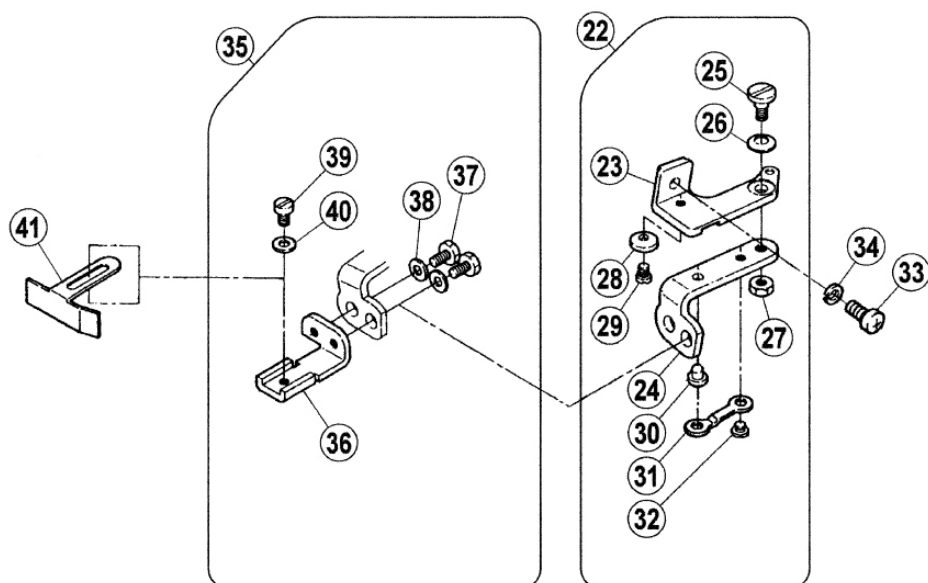
Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	————	2726240	Shoulder Pin	1	1	1
2	————	2403110	Washer	2	2	2
3	————	2726280	Washer	1	1	1
4	————	272626-920	Lever	1	1	1
5	————	0045310	Bolt	1	1	1
6	————	2011070	Block	1	1	1
7	————	0073580	Screw	1	1	1
8	————	0048200	Nut	1	1	1
9	————	2726250	Bracket	1	1	1
10	————	0045150	Bolt	2	2	2
11	————	2042930	Washer	2	2	2
12	————	2024330	Washer	2	2	2
13	————	5131180	Air Cylinder	1	1	1
14	————	5270110	Speed Controller	2	2	2
15	————	2726270	Lever	1	1	1

(5) Specific Parts (5)

(Versatile)
JK-797-4-514-92M2



(Fabric edge guide)

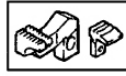


(5) Specific Parts (5)

Ref. No.	Part No.	Ref.Part.No.	Description	(Number)		
				Three-thread	Four-thread	Five-thread
1	—	270174-910	Cloth Plate Assy.	1	1	1
2	—	270170-910	Cloth Plate	1	1	1
3	—	2042180	Flat Spring	1	1	1
4	—	200162A0	Washer	1	1	1
5	—	0050530	Screw	2	2	2
6	—	005121A0	Screw	1	1	1
7	—	0030910	Nut	1	1	1
8	—	2048880	Spring	2	2	2
9	—	0048080	Nut	2	2	2
10	—	2701730	Bracket	1	1	1
11	—	007022A0	Screw	2	2	2
12	—	2403050	Rubber Cushion	2	2	2
13	—	3050140	Bracket	1	1	1
14	—	0070080	Screw	2	2	2
15	—	2052690	Pin	1	1	1
16	—	XXXXXX	Presser Foot	1	1	1
17	—	XXXXXX	Presser Foot Finger	1	1	1
18	—	2105840	Presser Foot Auxiliary Plate	1	1	1
19	—	2105850	Washer	1	1	1
20	—	0050300	Screw	1	1	1
21	—	2403120	Washer	1	1	1
22	—	2106850	Bracket Assy.	1	1	1
23	20112051	2106800	Bracket	1	1	1
24	20112052	2106810	Hinge	1	1	1
25	201S20002	0051840	Screw	1	1	1
26	20128027	2011910	Spring	1	1	1
27	201S16003	0030440	Nut	1	1	1
28	—	2106820	Washer	1	1	1
29	—	0050530	Screw	1	1	1
30	20126020	2106830	Pin	1	1	1
31	20112053	2106840	Flat Spring	1	1	1
32	201S11011	0029060	Screw	1	1	1
33	S01010	0070200	Screw	1	1	1
34	W02002	2012520	Washer	1	1	1
35	—	2106860	Edge Guide Bracket Assy.	1	1	1
36	20112056	2106870	Edge Guide Bracket	1	1	1
37	201S12001	0050880	Bolt	2	2	2
38	20128020	1670660	Washer	2	2	2
39	201S11010	0012020	Screw	1	1	1
40	20128020	1670660	Washer	1	1	1
41	20112054	2046670	Edge Guide	1	1	1

(1)

JK-797 GAUGE PARTS LIST (1)

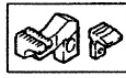


MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASSY.	MAIN FEED DOG	AUX.FEED DOG	DIFF.FEED DOG	PRESSER FOOT	PRESSER FOOT FINGER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JK-797-3-504-02/233	-	3	213111-300	277409-16F0	(277403-16F0)	(213117-160)	277404-16F0	211987C0	2103700 #1	277062A0 #15	2770600
		4	213111-400						2103710 #2		
		5	213111-500						2103710 #2		
JK-797-3-504-02/233N	-	3	213110-300	277408-16F0	(277403-16F0)	(213103-160)	277404-16F0	211987C0	2103700 #1	277062A0 #15	2770600
		4	213110-400						2103710 #2		
		5	213110-500						2103710 #2		
JK-797-4-514-03/333N	2	3	213112-300	277408-16F0	(277403-16F0)	(213103-160)	277404-16F0	211987C0	2105030 #5	277062B0 #18	2770010
		4	213112-400						2103740 #7		
		5	213112-500						2103740 #7		
JK-797-3-504-04/433	-	3	213111-300	277409-16F0	(277403-16F0)	(213117-160)	277404-16F0	211987C0	2103700 #1	2770630 #19	2770600
		4	213111-400						2103710 #2		
		5	213111-500						2103710 #2		



MACHINE TYPE /SPEC	GAUGE		UPPER KNIFE	LOWER KNIFE	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
	NG	SW			FRONT	REAR		
JK-797-3-504-02/233	-	3	201121A0	213108A0	2131070	2770610	179630-920	DCX27 #9
		4		2131080				
		5		2131080				
JK-797-3-504-02/233N	-	3	201121A0	213108A0	2131070	2770610	179630-920	DCX27 #9
		4		2131080				
		5		2131080				
JK-797-4-514-03/333N	2	3	201121A0	2131080	2131070	2770610	277022-920	DCX27 #9
		4						
		5						
JK-797-3-504-04/433	-	3	201121A0	213108A0	2131070	2770610	179630-920	DCX27 #11
		4		2131080				
		5		2131080				

JK-797 GAUGE PARTS LIST(2)



MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASSY.	MAIN FEED DOG	AUX.FEED DOG	DIFF.FEED DOG	PRESSER FOOT	PRESSER FOOT FINGER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JK-797-3-504-04/433N	-	3	213110-300	277408-16F0	(277403-16F0)	(213103-160)	277404-16F0	211987C0	2103700 #1	2770630 #19	2770600
		4	213110-400						2103710 #2		
		5	213110-500						2105030 #5		
JK-797-4-514-04/433	2	3	213113-300	277409-16F0	(277403-16F0)	(213117-160)	277404-16F0	211987C0	2103740 #7	2770630 #19	2770600
		4	213113-400						2105030 #5		
		5	213113-500						2103740 #7		
JK-797-4-514-04/433N	2	3	213112-300	277408-16F0	(277403-16F0)	(213103-160)	277404-16F0	211987C0	2105030 #5	2770630 #19	2770600
		4	213112-400						2103740 #7		
		5	213112-500						2771150 #10		
JK-797-3-505-12/223N	-	3	213110-300	277407-16F1	(277401-16F0)	(213103-160)	277402-16F0	201152E0	2771030 #11	277062A0 #15	2770600
		4	213110-400						2771030 #11		
		5	213110-500						2771030 #11		



MACHINE TYPE /SPEC	GAUGE		UPPER KNIFE	LOWER KNIFE	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
	NG	SW			FRONT	REAR		
JK-797-3-504-04/433N	-	3	201121A0	213108A0	2131070	2770610	179630-920	DCX27 #11
		4		2131080				
		5						
JK-797-4-514-04/433	2	3	201121A0	2131080	2131070	2770610	277022-920	DCX27 #11
		4						
		5						
JK-797-4-514-04/433N	2	3	201121A0	2131080	2131070	2770610	277022-920	DCX27 #11
		4						
		5						
JK-797-3-505-12/223N	-	3	201121A0	213108A0	2131070	2770610	179630-920	DCX27 #9
		4		2131080				
		5						

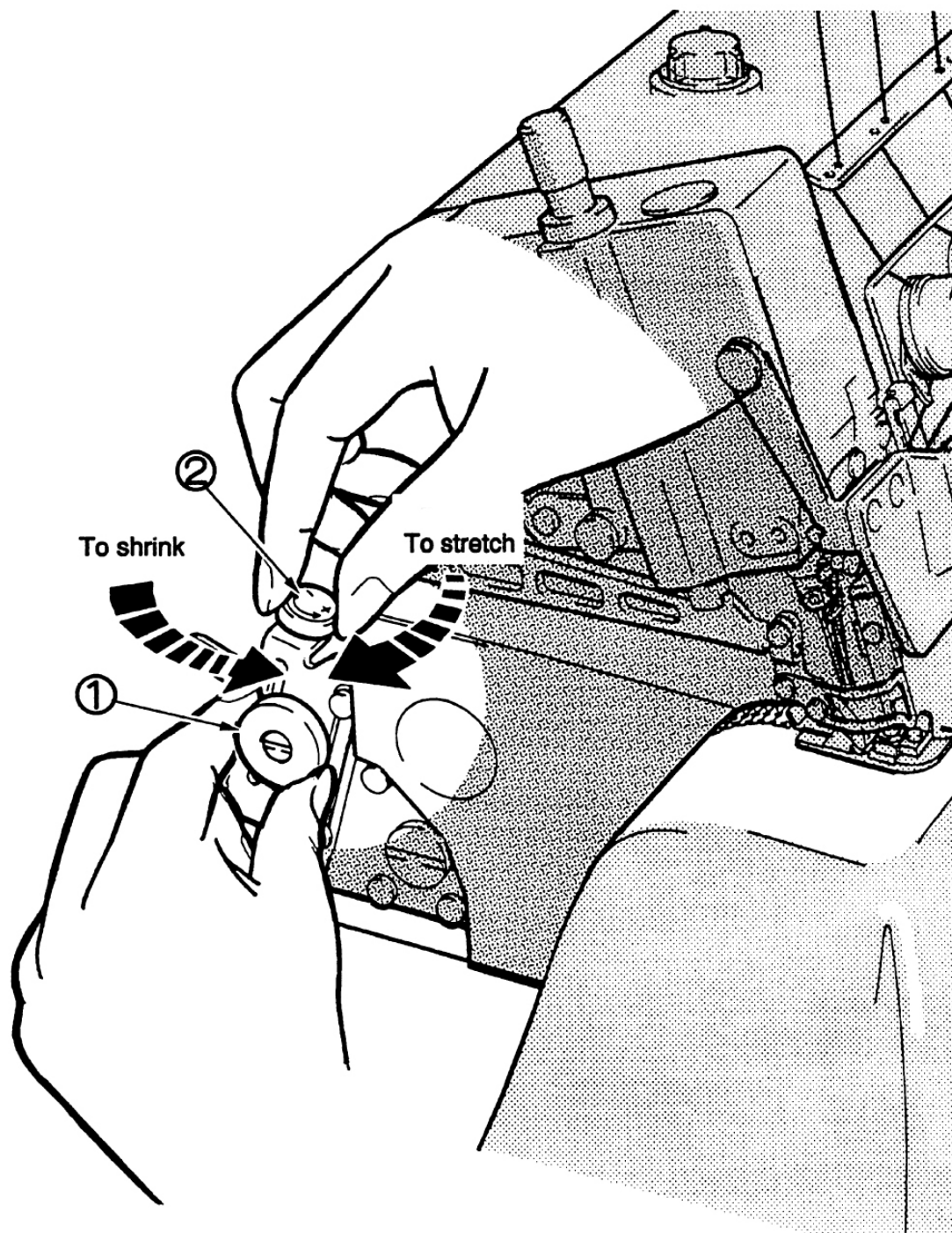
JK-797 GAUGE PARTS LIST (3)

MACHINE TYPE /SPEC	GAUGE		NEEDLE PLATE	MAIN FEED DOG ASSY.	MAIN FEED DOG	AUX.FEED DOG	DIFF.FEED DOG	PRESSER FOOT	PRESSER FOOT FINGER	UPPER LOOPER	LOWER LOOPER
	NG	SW									
JK-797-3-504-52D /223/MC310, 311	-	4	277509-400	277422-16F0	(277403-16F0)	(277752A130)	277404-16F0	277178-910	210371B0	2770620 #14	2770600
JK-797-3-504-52D /223/MC501	-	4						213670-910			
JK-797-3-504-D-52D1 /333	-	4	277509-400	277422-16F0	(277403-16F0)	(277752A130)	277404-16F0	2136720	210371B0	277062B0 #18	2770010
JK-797-4-514-92M2 /223N	2	2	213109-200	277407-16F1	(277401-16F0)	(213103-160)	277402-16F0	201152E0	2103730 #4	277062C0 #20	2770600
		3	213109-300						2105030 #5		
JK-797-4-514-92M2 /223N/EH001A	-	4	213100-400						2771030 #11		

MACHINE TYPE /SPEC	GAUGE		UPPER KNIFE	LOWER KNIFE	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
	NG	SW			FRONT	REAR		
JK-797-3-504-52D /223/MC310, 311	-	4	201121A0	2131080	2131070	2770610	179630-920	DCX27 #9
JK-797-3-504-52D /223/MC501	-	4						
JK-797-3-504-D-52D1 /333	-	4	201121A0	2131080	2131070	2770610	277022-920	DCX27 #9
JK-797-4-514-92M2 /223N	2	2	201121A0	2131080	2131070	2770610	277022-920	DCX27 #9
		3						
JK-797-4-514-92M2 /223N/EH001A	-	4						

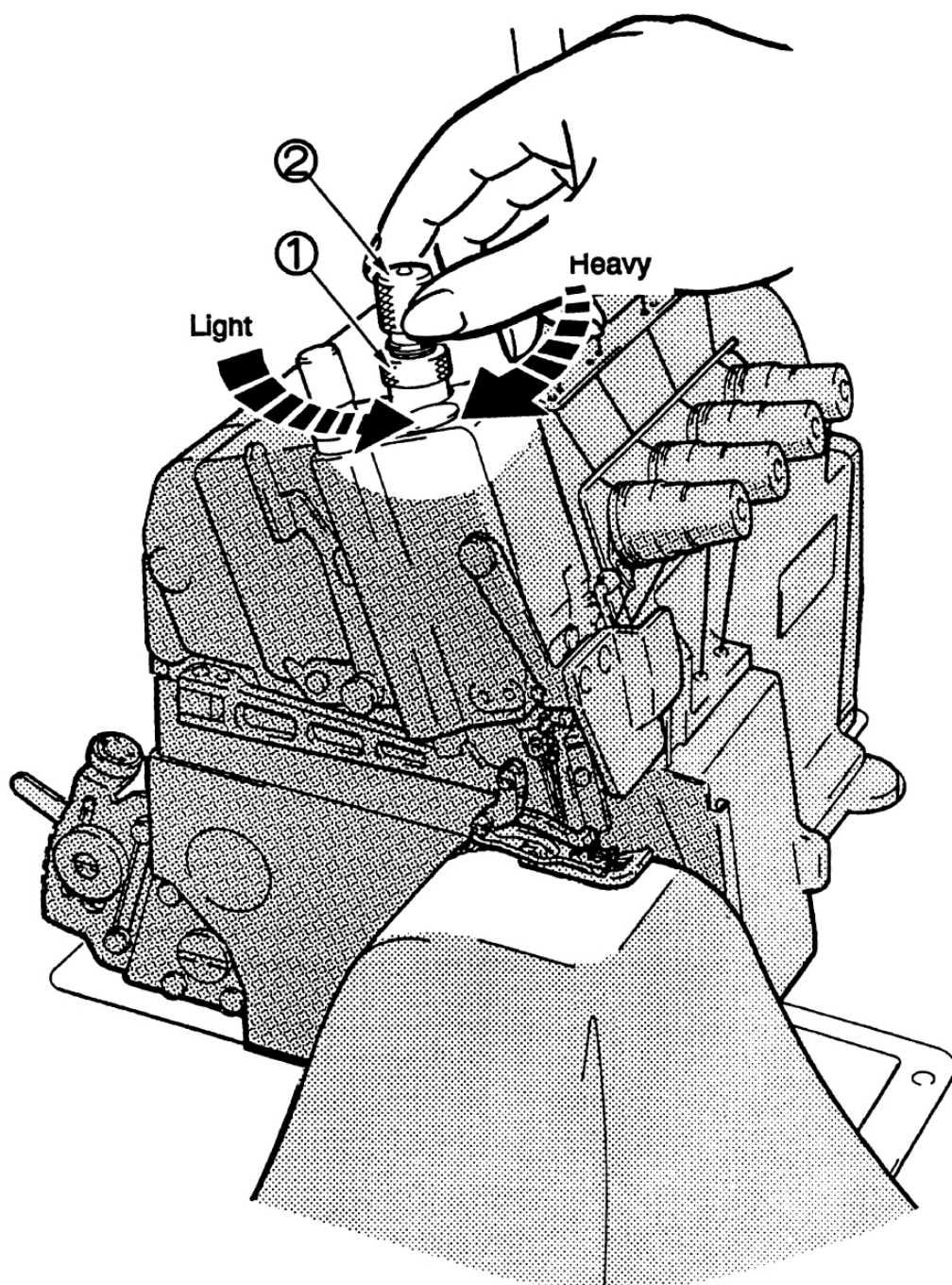
Diff. feed ratio adjustment

Loosen the adjusting nut ① and turn the adjusting nut ② to adjust the differential feed ratio.



Adjusting the top feed pressure

Loosen the adjusting nut ① and turn the adjusting nut ② to adjust the top feed pressure. It should be as light as possible, yet be sufficient to obtain the proper stitch formation.



Adjusting the top feed front-to-back motion

After loosening the adjusting nut ①, turn the adjusting nut ② to adjust the top feed front-to-back motion.

