

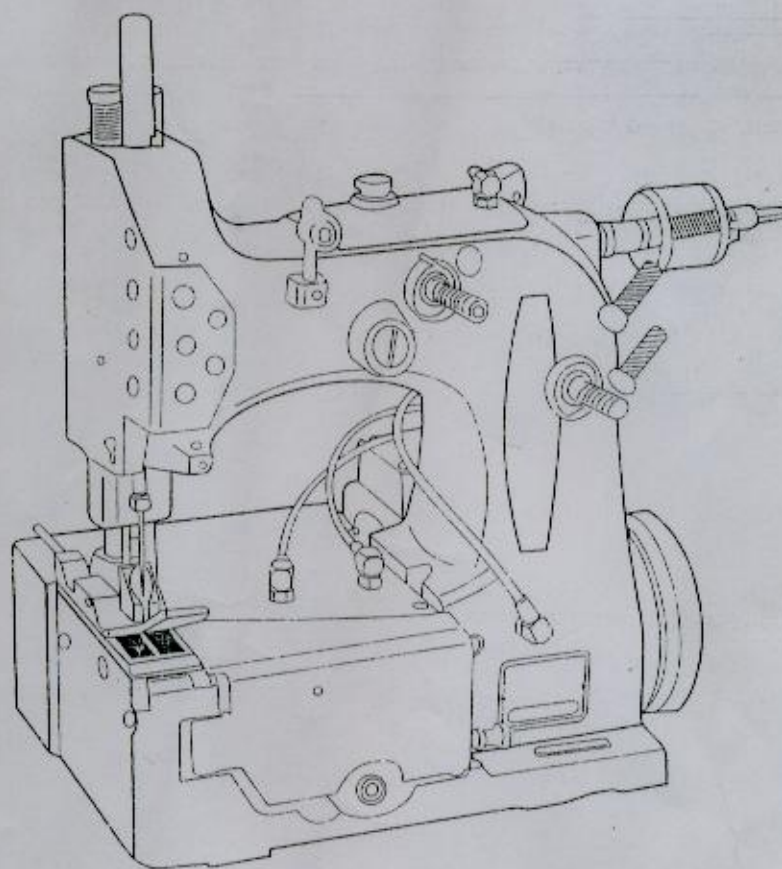
GK 35

7/19/2014

DESIGNED IN GERMANY
GK35 SERIES OF INDUSTRIAL
SEWING MACHINES

SS-80800K

INSTRUCTIONS
SPARE PARTS SAMPLES



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1. Uses and specifications of machines.

1. The main structure, characteristics and uses of machines.

GK35 series bag closing machines fall into three styles, man operated start and stop of the machine with semi-automatic thread chain cutter, automatic start and stop of the machine with solenoid operated thread chain cutter, and with electro-pneumatically operated thread chain cutter.

All these machines adopt semi-closed structure for easy maintenance.

Crankshaft tail end adopt closed rolling bearing mechanism for the purpose of high-speed wear resistance and flexible.

Lubrication system falls into cup permeating oil felt reservoir and spray type.

Main parts adopt wear resistance materials such as alloy steel and alloy copper etc.

All types of thread chain cutter adopt safe build-in structure.

All types of machine head hang on column support combined with feeding device for closing filled bags and sacks made of cotton, jute, plastic and paper etc.

2. Styles, names, performances and specifications.

Model GK35—8 bag closing machine.

Equipped with mechanical thread chain cutter which make reciprocating motion by running of the machine. The bag being fed into the machine will continue to sew a length of thread chain after closing the bag. Push the thread chain together with materials into open slot in the throat plate to cut. Start and stop of the machine are operated by hand.

Main specifications

No.	Items	GK35-8C		GK35-8D		GK35-8		GK35-6		GK35-6D	
1	Max. sewing speed	1900rpm									
2	Max. sewing thickness	8mm									
3	Stitch range	6, 5-11mm									
4	Seam specification	two thread double lockstitch 401									
5	Thread type	21s/5, 20s/3 polyester thread									
6	Presser foot lifting height	15mm	11-15mm	15mm	15mm	15mm	11-15mm	15mm	11-15mm	15mm	11-15mm
7	Needle No.	type 80800 200-250#									
8	Working dia. of pulley	114mm									
9	Thread chain cutter	Man-operated mechanical type		Electro-solenoid operated type		Electro-pneumatically operated type		brake		brake	
10	Motor	ordinary		brake		brake					
11	Motor power			370w							
12	Weight	27kg		30kg		30kg		30kg			
13	Size(L × W × H)	350 × 215 × 440mm		350 × 240 × 440mm		350 × 240 × 440mm		350 × 240 × 440mm			

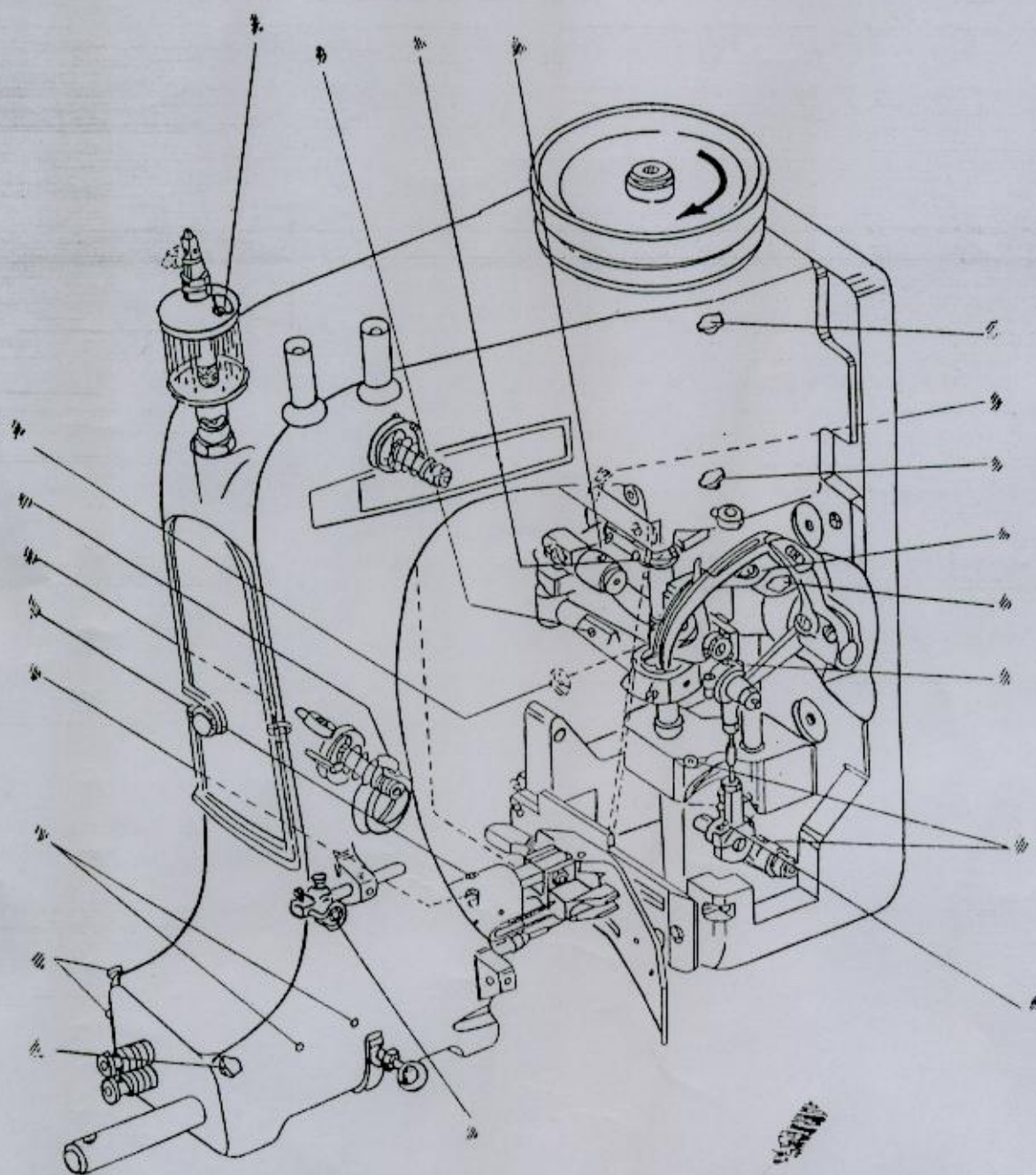


FIG. 1. 1/2

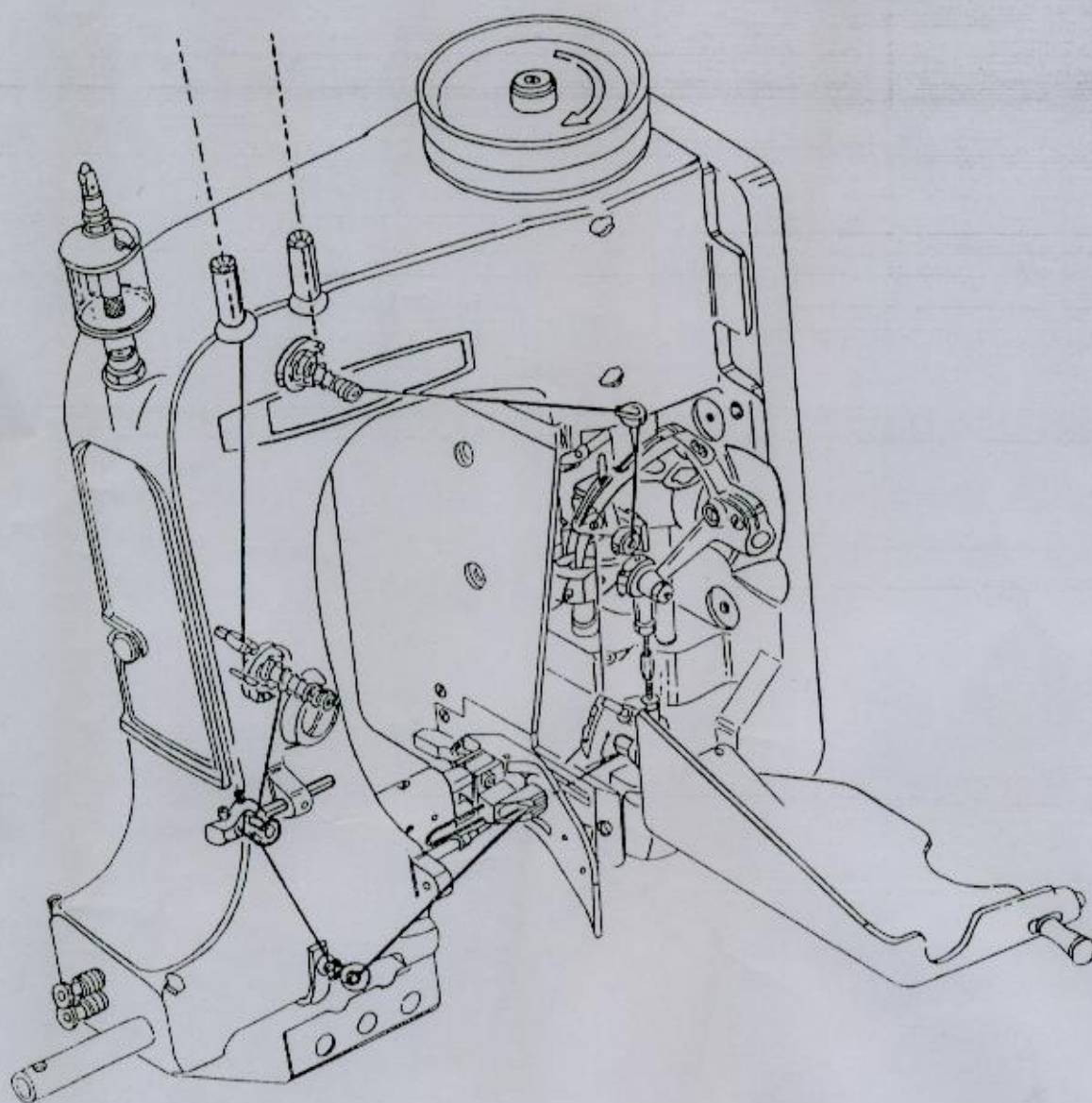


Fig. 2

II How to use and adjust the machine

1. Caution before use.

New machines or through long time storage machine must be checked before operating. Cleaning the anti-rust grease and dust on the surface of the machine, and filling oil cup and oil roles with sewing machine oil or 20# oil. Turning the pulley clockwise by hand, checking for free and coordination, checking motor rotating direction for the same as that of the machine running, then starting the machine for test sewing.

For automatic style machine, check electrical equipment, circuit and pneumatic cell for good. Before threading, filling oil, adjusting or replacing parts, all power source must be cut off to prevent personal injury.

2. Lubrication

Routine maintenance is important to maintain long time use. Machines have to be cleaned and lubricated twice a day on the lubricating points on the oiling diagram (Fig. 1); and oil cell has to be soaked in oil. The sight feed oiler or oil sprayer has to be kept filled and should be adjusted so that it feeds two or three drops of oil per minute.

3. Selection of the needle and thread, threading.

Selection of the needle and thread depends on quality and technical demand of sewing material. Good combination of the needle and thread is one of the basic condition to get perfect sewing performance. The needle point must be sharp, and thread must be strong enough.

Thread machine as illustrated in Fig. 2, draw out upper and lower thread from needle eye and looper hole about 50mm (2in.).

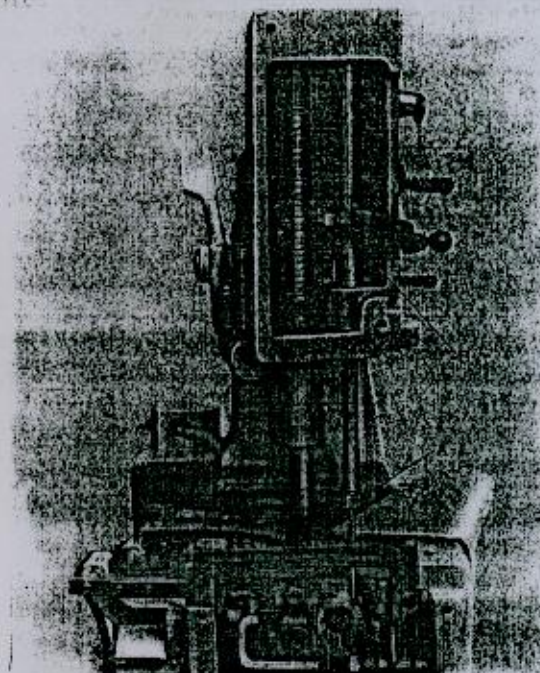


Fig. 3

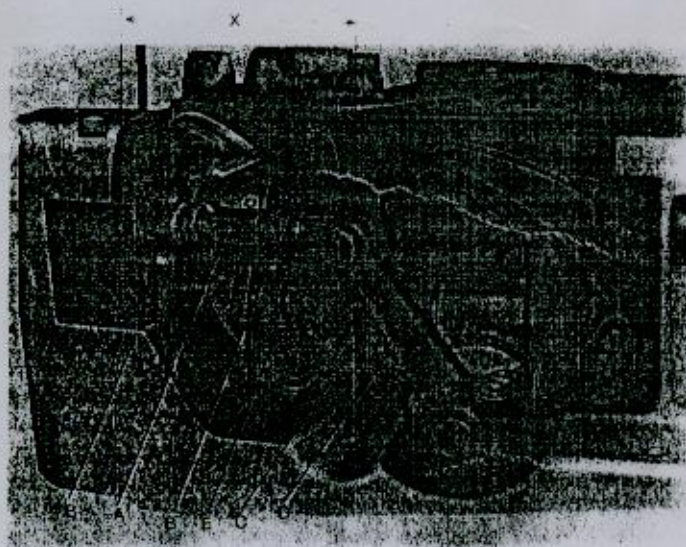


Fig. 4

4. Inserting the needle.

The needle is vulnerable part. When the needle eye wear out obviously, needle point wear dull or bend, replace the needle. When replacing the needle, turn the pulley until the bar reaches its highest point. Loosen the needle set screw (A, Fig. 3), and insert a new needle with the shank as far as possible into the needle bar. The needle groove must point to the sewing material direction. Then retighten the needle set screw.

5. Setting the looper.

Setting the looper as follows:

(1). First set the looper connecting rod (A, Fig. 4), so the distance (X, Fig. 4) between the center lines of the two ball joints is 69.8mm (2 3/4 in.). For adjustment loosen the two nuts (B) and turn connecting rod (A) forward or backward as required to obtain specified dimension. Retighten nuts (B). Caution: The left nut has a left hand thread.

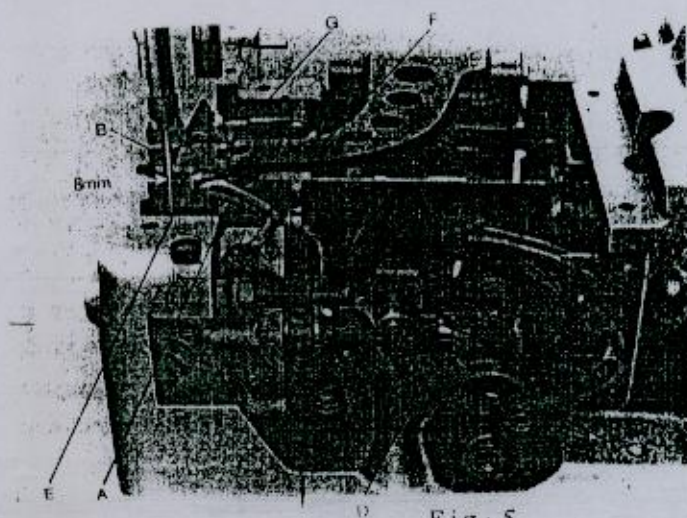


Fig. 5

(2). Rotate the machine pulley clockwise by hand, so that the needle bar moves to the lowest point, at the same time the looper moves back to its farthest position to the right. The distance from the point of the looper (A, Fig. 5) to the centerline of the needle is 8mm (5/16 in.). For adjustment, loosen two screws (C) in the looper drive lever, rotate looper drive lever (D) left or right as required to obtain specified dimension and retighten screws (C).

Caution: Pull looper drive lever rocker shaft back tightly when tighten screws (C), so that the end face of the looper drive lever rocker lean against that of shaft bushing, assuring that all end play is taken out. (Otherwise it will make noises).

(3). Rotate the machine pulley so that the looper moves from right to left. The looper point should pass as close as possible to the back of the needle without contacting, and clearance is 0.08-0.13mm (.003 to .005 in.) (Fig. 6). For adjustment, loosen screw (D, Fig. 4) in the looper eccentric fork (C) and turn rocker shaft (E) on the looper rocker with looper forward or backward as required. Retighten screw (D).

6. Setting the height of the needle bar.

Remove the needle plate. Rotate the machine pulley in operating direction until the looper moving to the left. When the looper point projects 1-1.5mm (.040 to .060 in.) left of the needle, lower edge of looper and upper edge of needle eye must be flush in this position. (Fig. 7) For adjustment, loosen clamp screw (B, Fig. 3) in the needle bar up or down as required. Retighten screw (B) and remount needle plate.

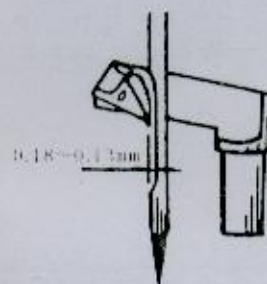


Fig. 6

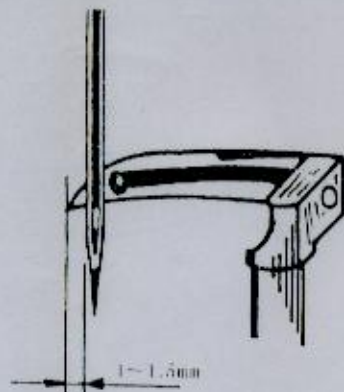


Fig. 7

7. Setting the needle guard.

The needle will bend or break when abutting bags made of different thickness of sewing material. And the needle guard (E, Fig. 5) will protect the needle. The clearance between the needle and the needle guard is 0.08-0.13mm (.003 to .005 in.) (Fig. 8). For adjustment, rotating pulley in the direction of operating, so that the needle guard moves against the needle. Loosen set screw (G) on feed dog holder (Fig. 5), move the needle guard accordingly. Retighten screw (G).

8. Setting the feed dog.

The height of the feed dog (A, Fig. 8) are determined by the quality and thickness of the sewing materials. For closing thin material such as bags made of cloth and plastic, teeth should project 1.5mm (.070 in.)

above the throat plate(D) top surface, and for sacks about 2.2mm(0.90) above the throat plate. For setting, move the feed dog to the highest position, remove throat plate and feed dog, adjust the supporting screw (C) as required, remount the feed dog and throat plate. Retighten screws (B).

If feed dog are not in the center in the throat plate slots, loosen screws rear in the feed locker (C, Fig.9), move the feed locker right or left as required. Then retighten screws (D).

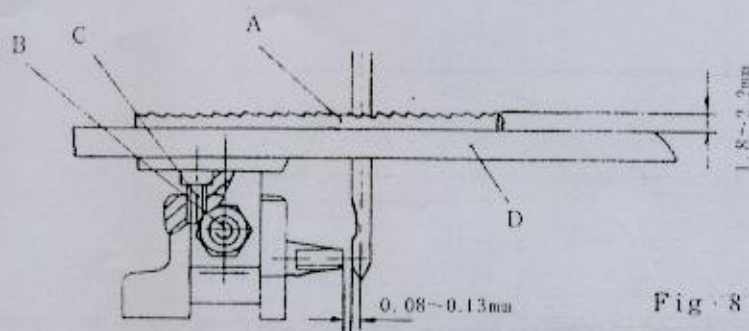


Fig. 8

9. Changing stitch length.

The length of the stitch can be adjusted by raising or lowering the stud (A) in the segment slot of the feed locker (C, Fig. 9). Lowering the stud will shorten the stitch. After loosening nut (B), stud (A) can be moved accordingly. When the desired stitch length is obtained, retighten nut (B). (For automatic style machines the cloth plate should be removed to adjust)

Caution: Any change in stitch length will necessitate a corresponding change in the needle guard and needle clearance.

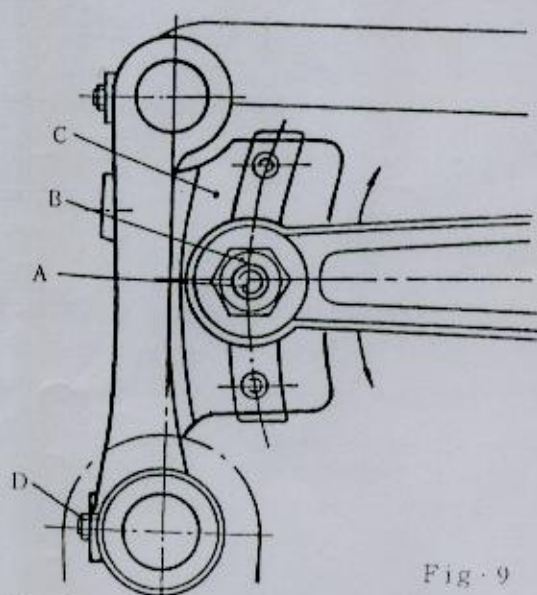


Fig. 9

10. Setting presser foot pressure.

Presser foot pressure are determined by the thickness of the sewing material. When sewing thick materials, decrease pressure; when sewing thin materials, increase pressure. When feed sewing materials smoothly and stitches are uniform, don't increase pressure, to reduce parts wear. For setting pressure, turn two turns in to increase pressure, turn out 1-turn to decrease pressure.

The presser foot pressure of styles GK35-SB and GK35-6P can be adjusted by adjusting screw (A, Fig. 10) on the upper cover plate. When adjusting, loosen lock nut (C, Fig. 10), turn adjusting screw (A) to increase pressure, and turn out to decrease pressure. Retighten lock nut (C) after adjusting.

11. Setting thread tension.

Thread tension is adjusted by thread tension assembly (B, C, Fig. 10). Tension of upper thread(B) is generally stronger than that of lower thread(C). Turn thread tensioner nut(B, C) in to increase the tension, turn it out to decrease the tension. If the stitch is still not good, should adjust the height of thread adjusting bar(D). The height of the thread adjusting bar(D) is at the same level with the thread eye of the needle bar connection in its highest position.

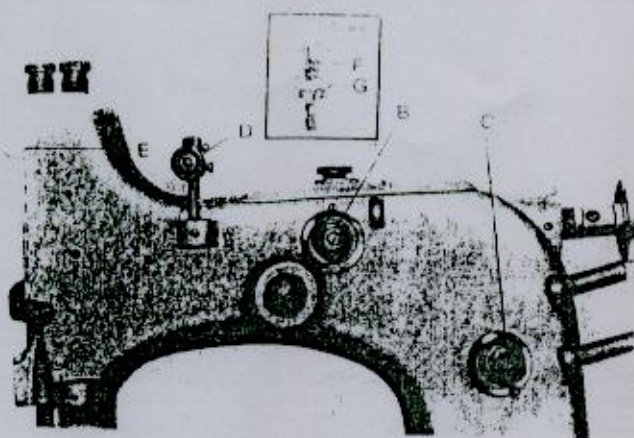


Fig. 10

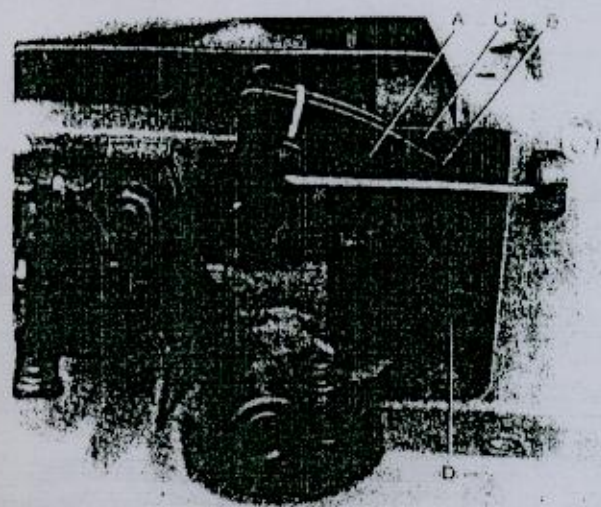


Fig. 11

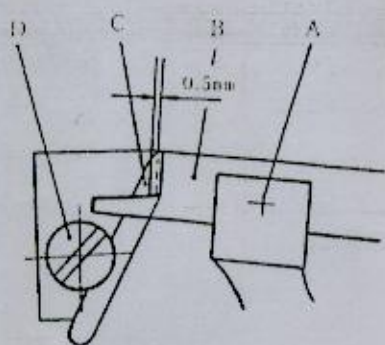


Fig. 12

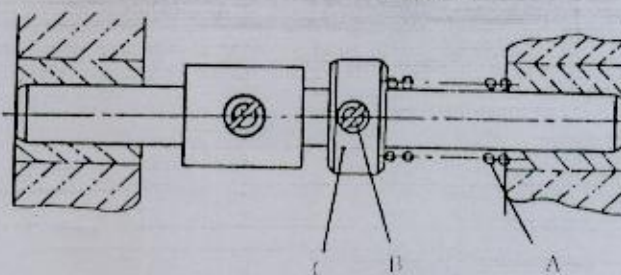


Fig. 13

12. Setting looper thread take-up mechanism.

Looper thread take-up mechanism consists of looper

thread take-up (C, Fig.) and cast-off hook (A). When the needle falls down into the loop formed by looper, the point of the descending needle is flush with the lower edge of the looper or projects up to 1mm (.40 in.) below the lower edge of the looper. At the same time lower thread is released in R angle (B) from the cast-off hook (A) of the looper. For adjustment, loosen screw (D), raise the looper thread take-up (A) to delay releasing of the lower thread; lower the looper thread take-up to move up the releasing of the lower thread. Retighten screw (D). It is very important for stitch forming to adjust thread take-up correctly.

13. Setting the mechanical thread chain cutter.

Model GK35-8 thread chain cutter are driven by mechanism. The knife (C, Fig. 12) is positioned in the tapered slot in the front of base by screw (D). The cutting steel (B) is positioned in the slot of the knife holder by screw (A) and making reciprocating motion by running of the machine. In cutting, the edge of the cutting steel and the knife should overlap by 0.5mm (.020 in.). For adjustment, loosen screw (A) and (D), set as required, retighten screw. Caution: The tip of the knife and the cutting steel should be positioned 0.3-0.5mm (.012 to .020 in.) below the throat plate top surface.

The lateral pressure between the knife and the cutting steel is activated by the spring (A, Fig. 13). And it is determined by actual requirement in thread chain cutting. For adjustment, loosen the collar (C) of spring and screw (B), increase or decrease the pressure as required, then retighten screw (B).

III. Trouble shooting

Symptom	Probable Cause	Remedy
Thread Breaking	1.Improper threading 2.Thread jamming 3.Thread tension are too tight 4.Uneven thread, not strong enough 5.There are burrs on needle eye, throat plate hole and looper 6.Motion of needle and looper are not consistent 7.Needle strike needle guard or looper 8.Feed dog teeth are too sharp 9.Excessive presser foot pressure 10.Position of looper thread take-up piece is too high, releasing of lower thread is too slow	1.Rethread following instruction (Fig.2) 2.Check and resolve 3.Release thread tension 4.Select good quality thread 5.Grind or replace 6.Adjust as required 7.Adjust as required 8.Wear teeth dull 9.Decrease pressure 10.Lower looper thread take-up piece, quicken lower thread releasing
Skipping	1.Improper setting of needle 2.Motion of needle and looper are not consistent 3.Position of needle is too high, looper 4.Position of looper thread take-up piece is too lower, releasing of lower thread is too fast 5.Thin needle, rough thread	1.Adjust needle 2.Adjust as required 3.Adjust the height of needle or replace 4.Raise the position of thread take-up piece, delay lower thread releases 5.Replace needle or thread
Needle Breaking	1.Needle bent 2.Needle strike looper or needle guard hard 3.Bad feeding speed is faster than sewing speed 4.Thin needle closing thick sewing materials	1.Replace needle 2.Adjust the play 3.Adjust feeding speed or sewing speed 4.Replace needle
Needle Thread Tension Uneven	1.Insufficient needle thread or excessive needle thread 2.Improper needle thread tension pressure	1.Adjust the height of thread adjusting bar 2.Adjust needle thread tension
Looper Thread Tension Uneven	1.Insufficient looper thread or excessive looper thread 2.Improper looper thread tension pressure	1.Adjust position of looper thread take-up piece 2.Adjust thread tension pressure
Feeding Material Stagnant	1.The surface of feed dog is too low or the surface wear out 2.Presser foot pressure is too small 3.Set screw of feeding cam loosen	1.Raise the surface of feed dog or replace 2.Increase pressure 3.Tighten screw
Upper And Lower Material Are Not In A Lever	1.Presser foot pressure is too small 2.Presser foot surface are not smooth, friction is too big	1.Adjust to increase pressure 2.Polish presser foot
The Machine Run Hard	1.The machine assemble bad 2.Driving pulley is too tight 3.Moving parts lack of oil	1.Check assembling clearance step by step, and adjust 2.Release pulley properly 3.Cleaning and oiling
Large Noises	1.Driving parts are vulnerable, leading to clearance increasing 2.Set screw loosen, leading to parts striking each other 3.Oil connection are not smooth, frictional	1.Replace parts 2.Tighten screws 3.Cleaning and oiling

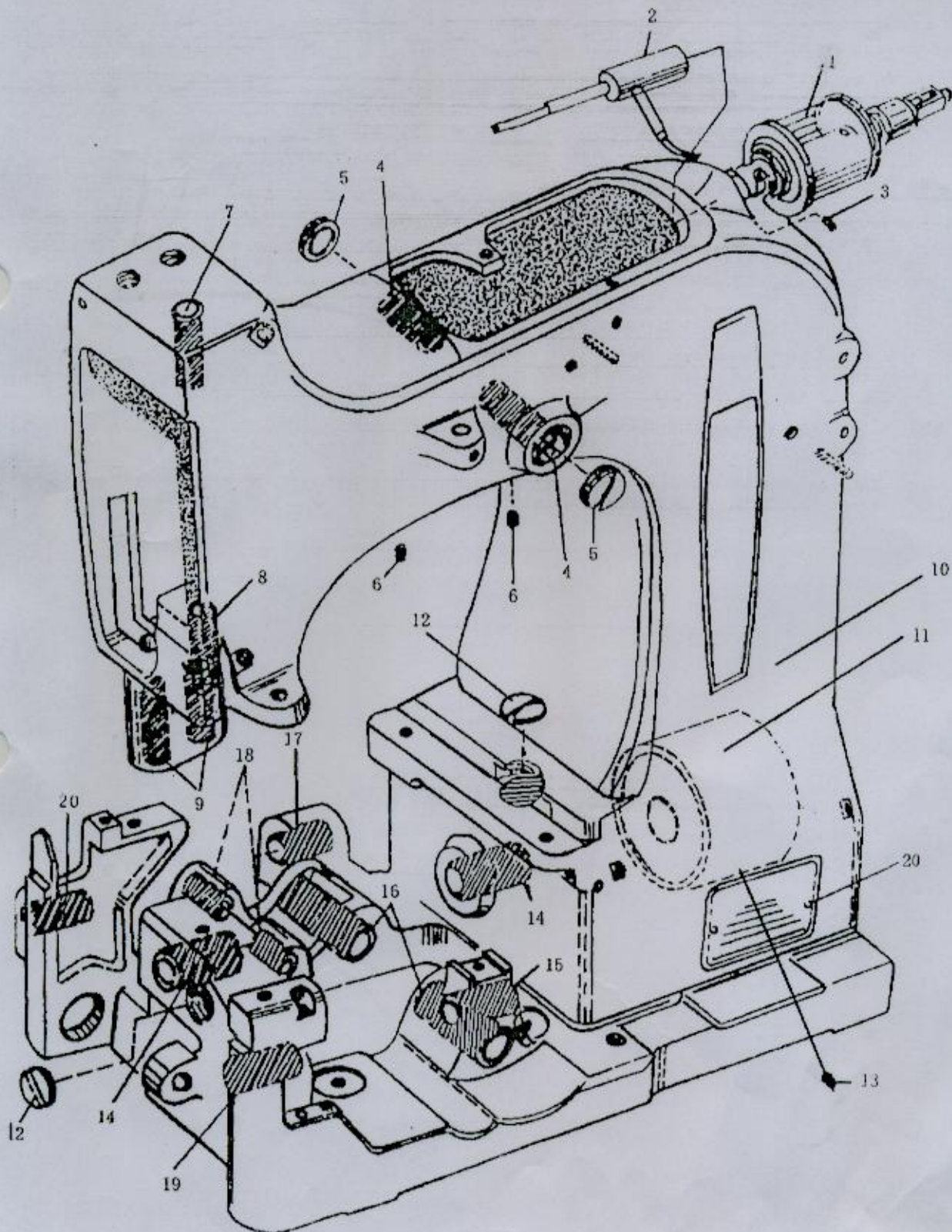
分解圖和零件名稱

EXPLODED VIEWS
AND
DESCRIPTION OF PARTS

Machine body and bushings

Ref.No.	Part.No.	Description	Qty
1	1001	Slight feed oiler	1
2	3501001	Oil cup base	1
3	403	Set screw	2
4	3501002	Bushing for needle lever shaft	2
5	3501003	Plug screw	2
6	110	Screw	2
7	3501004	Needle bar upper bushing	1
8	3501005	Needle bar lower bushing	1
9	3501006	Presser bar bushing	2
10	3501007	Base cover	1
11	3501009	Crankshaft bearing housing	1
12	3501010	Plug screw	2
13	509	Stop screw for crankshaft bearing housing	1
14	3501011	Bushing for crankshaft	2
15	3501012	Looper shaft bushing, right	1
16	3501013	Bushing for looper drive lever rocker shaft	2
17	3501014	Feed locker shaft bushing	2
*	3501014RC	Feed locker shaft bushing	2
18	3501015	Knife lever shaft bushing	2
19	3501016	Looper shaft bushing, left	1
20	1002	Name plate	

Machine body and bushings



Covers

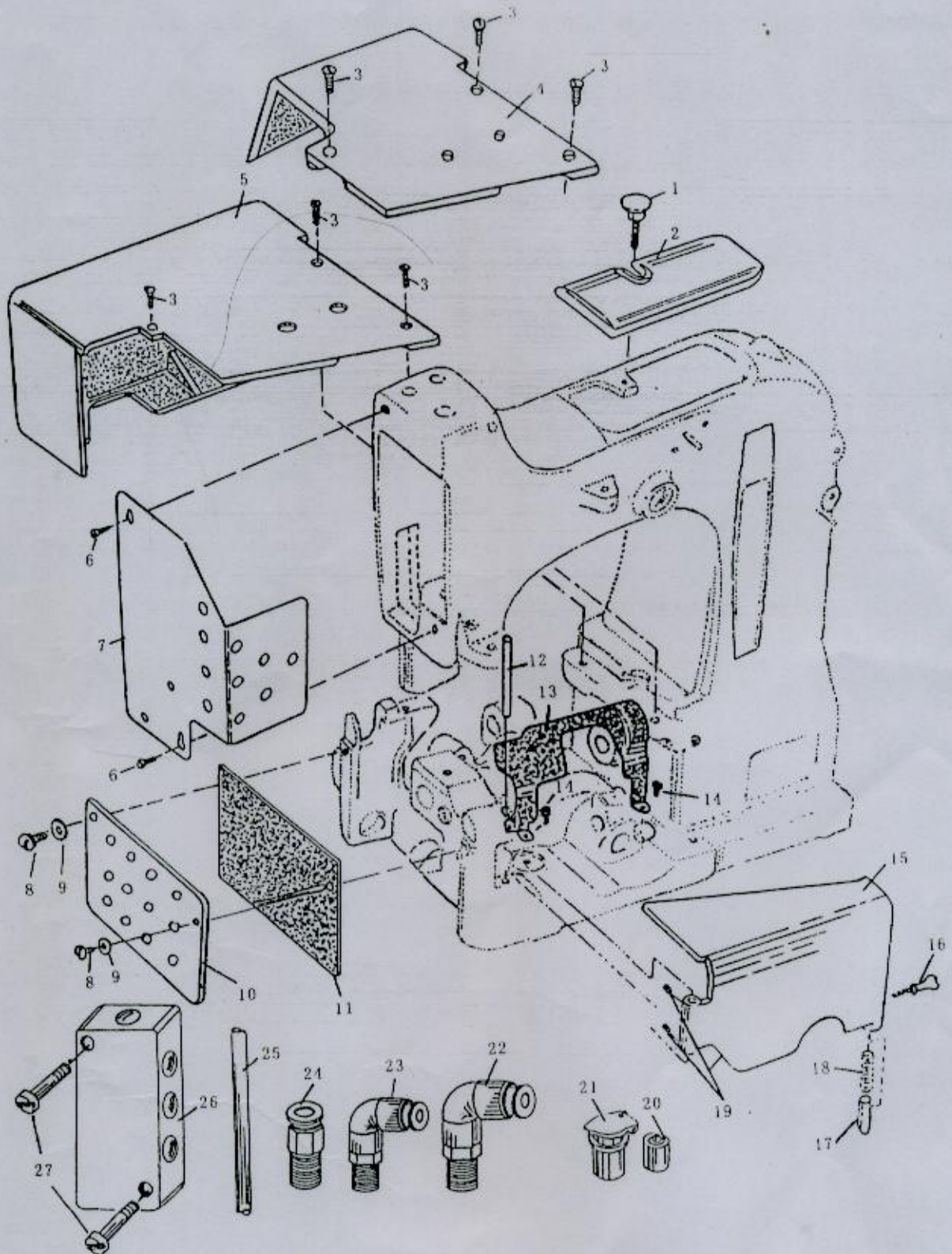
Ref.No.	Part.No.	Description	Qty
1	3502017	Screw	1
2	3502018	Arm cover	1
*	3502018R	Arm cover	1
3	111	Screw	3
4	3502019	Cloth plate	1
*	3502019C	Cloth plate	1
5*	3502019R	Cloth plate	1
6	109	Screw	2
7	3502021	Face cover	1
8	109	Screw	2
9	802	Washer	2
10	3502022	End cover	1
11*	3502022RC	End cover	1
12	3502024	Hinge pin	1
13	3502025	Guard	1
14	109	Screw	2
15	3502026	Hinge cover assembly	1
*	3502026C	Hinge cover assembly	1
*	3502026R	Hinge cover assembly	1
16	3502027	Locking bolt knob	1
17	3502028	Locking bolt	1
*	3502028RC	Locking bolt	1
18	3502029	Spring	1
19	403	Set screw	2
20	1001-1	Pinball oil cup	6
21	1001-3	Spring cover oil cup	4
22	1001-4	Oil pipe bend	1
23	1001-5	Oil pipe bend	4
24	1001-6	Oil pipe joint	4
25	1001-8	Oil pipe	5
26	3510195	Oil distributor	1
27	114	Screw	2

Caution: "C" marked with "*" for style GK35-8C.

Caution: "R" marked with "*" for style GK35-6.

Caution: "RC" marked with "*" for styles GK35-6, GK35-8.

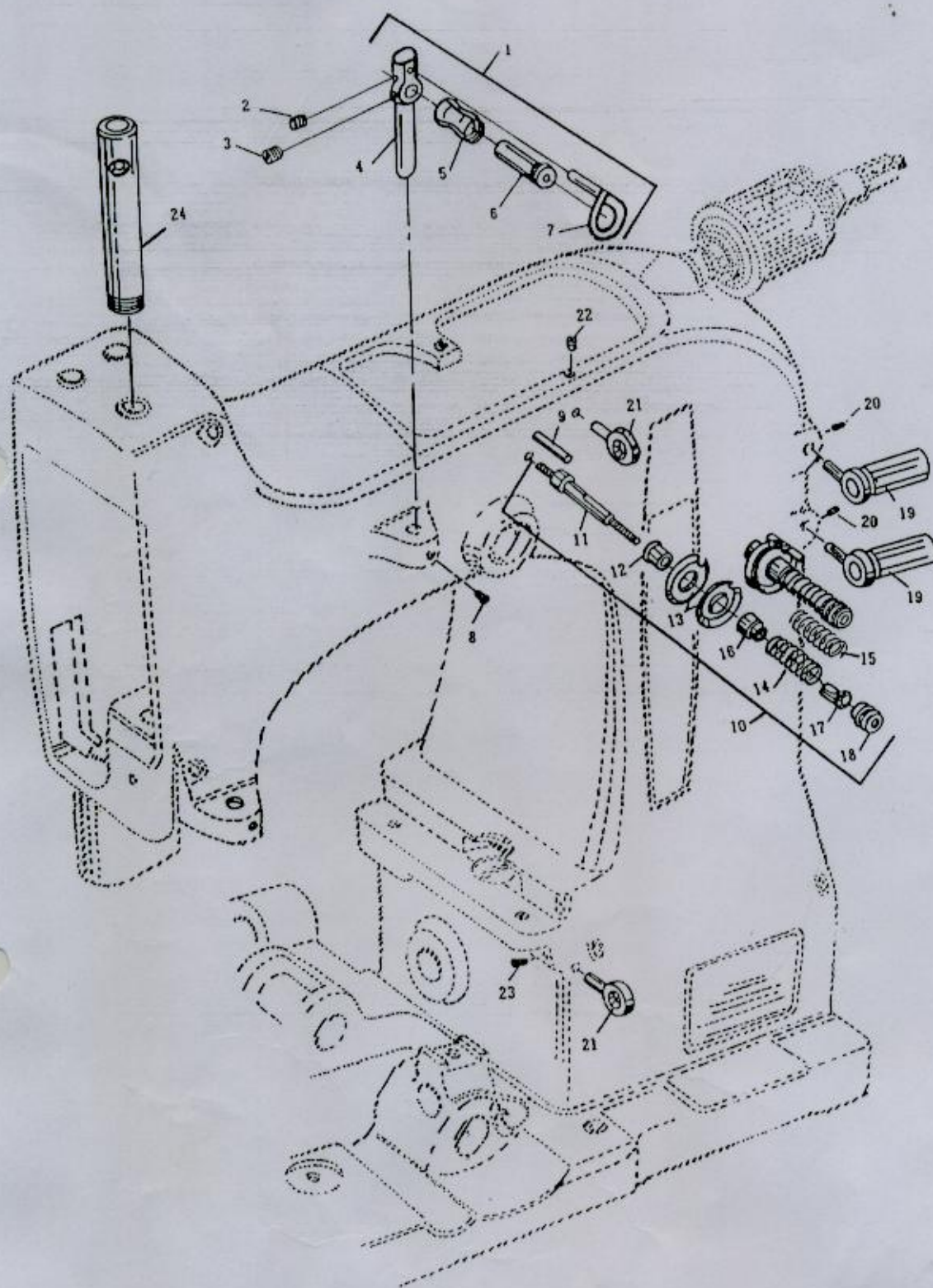
Covers



Miscellaneous thread guides

Ref.No.	Part.No.	Description	Qty
1	350301	Needle thread guide	1
2	101	Screw	1
3	401	Set screw	1
4	3503030	Needle thread guide bar	1
5	3503031	Thread take-up roller	1
6	3503032	Oil cup	1
7	3503033	Thread guide finger	1
8	404	Set screw	1
9	3503034	Pin	2
10	350302	Thread tension assembly	2
11	3503035	Tension post	2
12	3503036	Tension post ferrule	2
13	3503037	Tension disc	4
14	3503038	Spring	1
15	3503041	Spring	1
16	3503042	Tension sleeve	2
17	3503039	Tension spring ferrule	2
18	3503040	Tension nut	2
19	350303	Thread guide assembly	2
20	403	Set screw	2
21	3503043	Thread guide	2
22	402	Set screw	1
23	404	Set screw	1
24	3503044	Needle bar guide	1

Miscellaneous thread guides

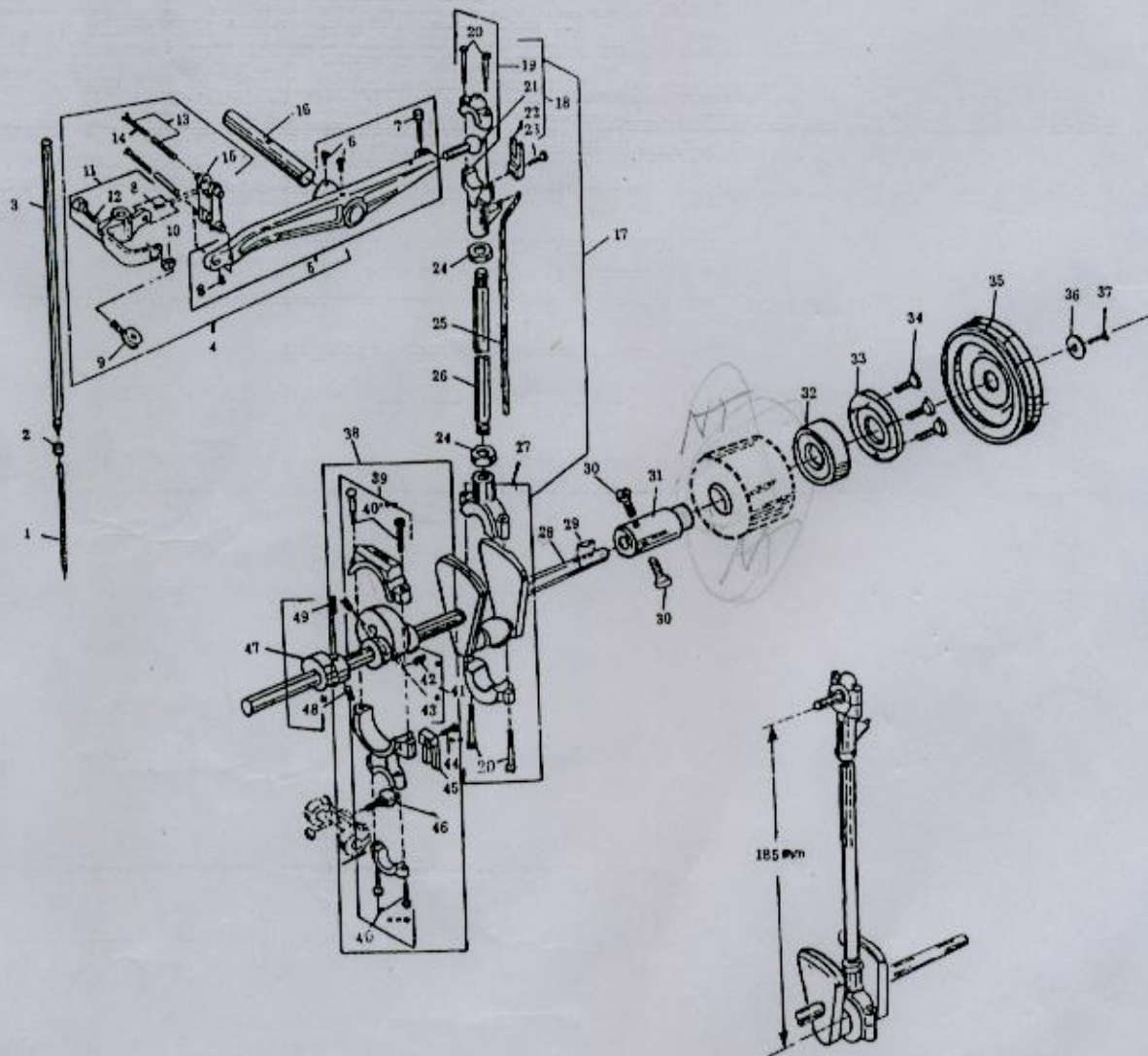


Main Driving Mechanism Parts

Ref. No.	Part No.	Description	Qty
1	3504045	Needle	1
2	3504046	Needle clamp nut	1
3	3504047	Needle bar	1
4	350404	Needle lever assembly	1
5	3504048	Needle lever	1
6	110	Spot screw	2
7	604	Screw	1
8	102	Screw	2
9	3504049	Thread guide	1
10	701	Nut	1
11	3504050	Needle bar connection	1
12	3510192	Coupling bolt	1
13	3504051	Needle bar link pin	2
14	1004	Oil wick	2
15	3504052	Connection link	1
16	3504053	Needle lever shaft	1
17	350405	Needle lever assembly	1
18	350406	Needle lever ball link	1
19	3504054	Shell	1
20	3504055	Screw	4
21	3504056	Ball stud	1
22	3504057	Guide fork	1
23	3510193	Guide plate bolt	1
24	708	Nut	2
25	1004	Oil wick	1
26	3504058	Needle lever connecting rod	1
27	3504059	Shell	1
28	3504060	Crank shaft	1
*	3504060RC	Crank shaft	1
29	3504061	Woodruff key	1
30	601	Screw	2
31	3504062	Bearing bushing	1
32	1005	Bearing	1
33	3504063	Bearing cap	1
34	201	Countersunk screw	3
35	3504064	Pulley	1
36	3504065	Washer	1
37	602	Screw	1
38	350407	Looper drive eccentric assembly	1
39	3504066	Looper connection bar	1
40	3504067	Screw	4
41	3504068	Looper eccentric	1
42	406	Set screw	1
43	503	Spot screw	1
44	3510193	Guide plate bolt	1
45	3504057	Guide fork	1
46	3504070	Ball stud	1
47	3504071	Looper avoid eccentric	1
48	405	Set screw	1
49	502	Spot screw	1

Caution: "RC" marked with "*" for styles GK35-6 GK35-8C

Main Driving Mechanism Parts

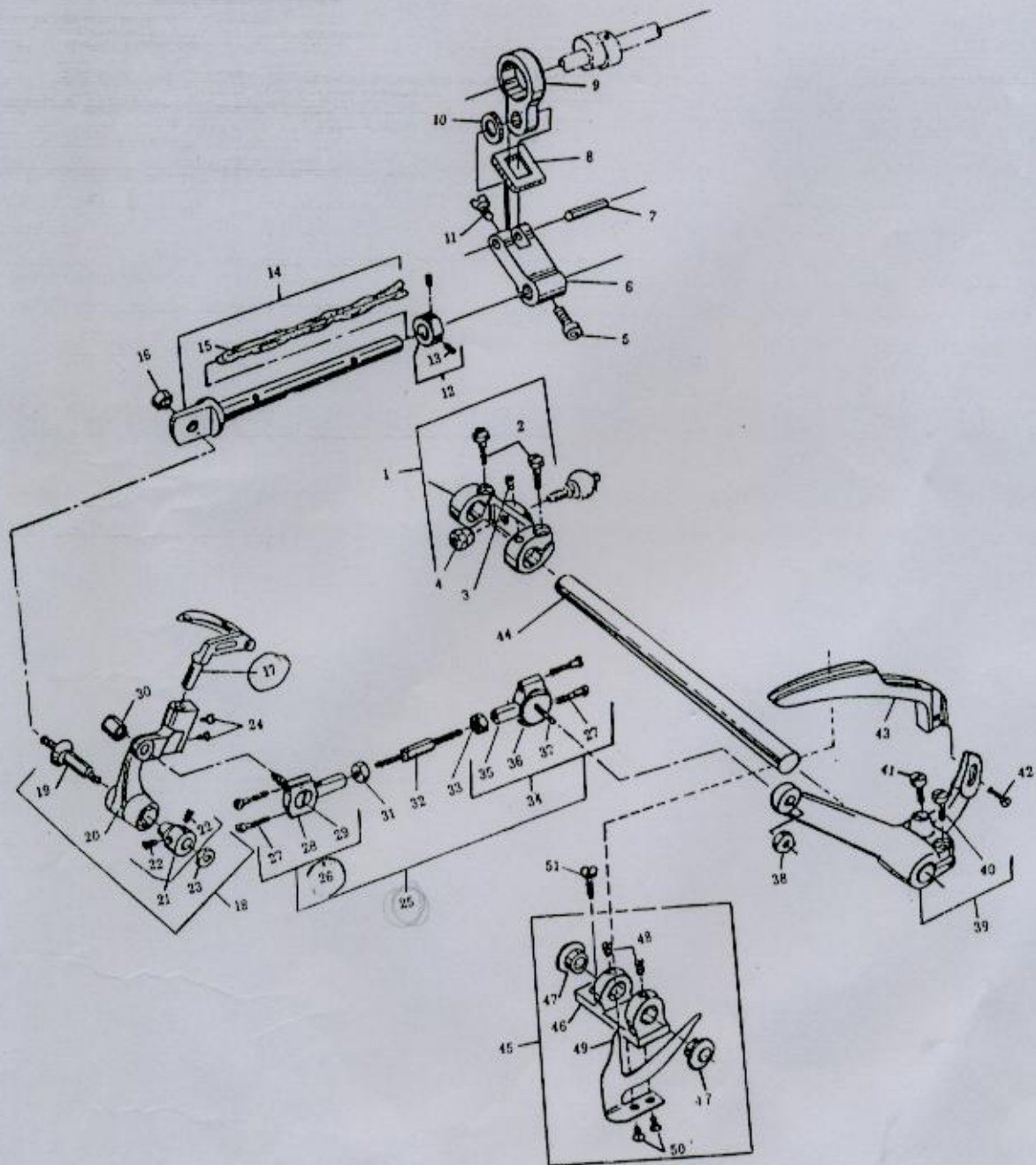


Looper Mechanism

Ref.No.	Part.No.	Description	Qty
1	3505072	Rocker for looper drive shaft	1
2	602	Screw	2
3	501	Spot screw	1
4	3505073	Nut	1
5	604	Screw	1
6	3505074	Rocker for looper avoid eccentric	1
7	3505075	Connecting rod pin	1
8	3505076	Felt for looper avoid eccentric	1
9	3505077	Connecting bar for looper avoid eccentric	1
10	3505078	Felt washer	1
11	101	Screw	1
12	3505079	Collar	1
13	402	Set screw	2
14	3505080	Looper locker shaft	1
15	1004	Oil wick	1
16	707	Nut	1
17	3505081	Looper for two thread double locked stitch	1
18	350508	Looper locker assembly	1
19	3505082	Cone stud for looper locker	1
20	3505083	Looper locker	1
21	3505084	Cone	1
22	402	Set screw	2
23	704	Nut	1
24	105	Screw	2
25	350509	Ball joint assembly	1
26	350510	Ball joint assembly, left	1
27	3505085	Screw	4
28	3505086	Shell	1
29	3505087	Ball stud	1
30	702	Nut	1
31	703	Nut(left)	1
32	3505088	Connecting rod	1
33	702	Nut	1
34	350511	Ball joint assembly, right	1
35	3505089	Shell	1
36	3505090	Felt washer	1
37	3505087	Ball stud	1
38	702	Nut	1
39	3505092	Looper drive lever	1
40	601	Screw	1
41	603	Screw	1
42	104	Screw	1
43	3505093	Looper thread take-up	1
44	3505094	Looper drive lever locker shaft	1
*	3505094RC	Looper drive lever locker shaft	1
45	350512	Looper thread cast-off assembly	1
46	3505095	Bracket	1
47	3505096	Thread eyelet	2
48	401	Set screw	2
49	3505097	Cast-off hook	1
50	102	Screw	2
51	109	Screw	1

Caution: "RC" marked with "*" for styles GK35-6, GK35-8.

Looper Mechanism



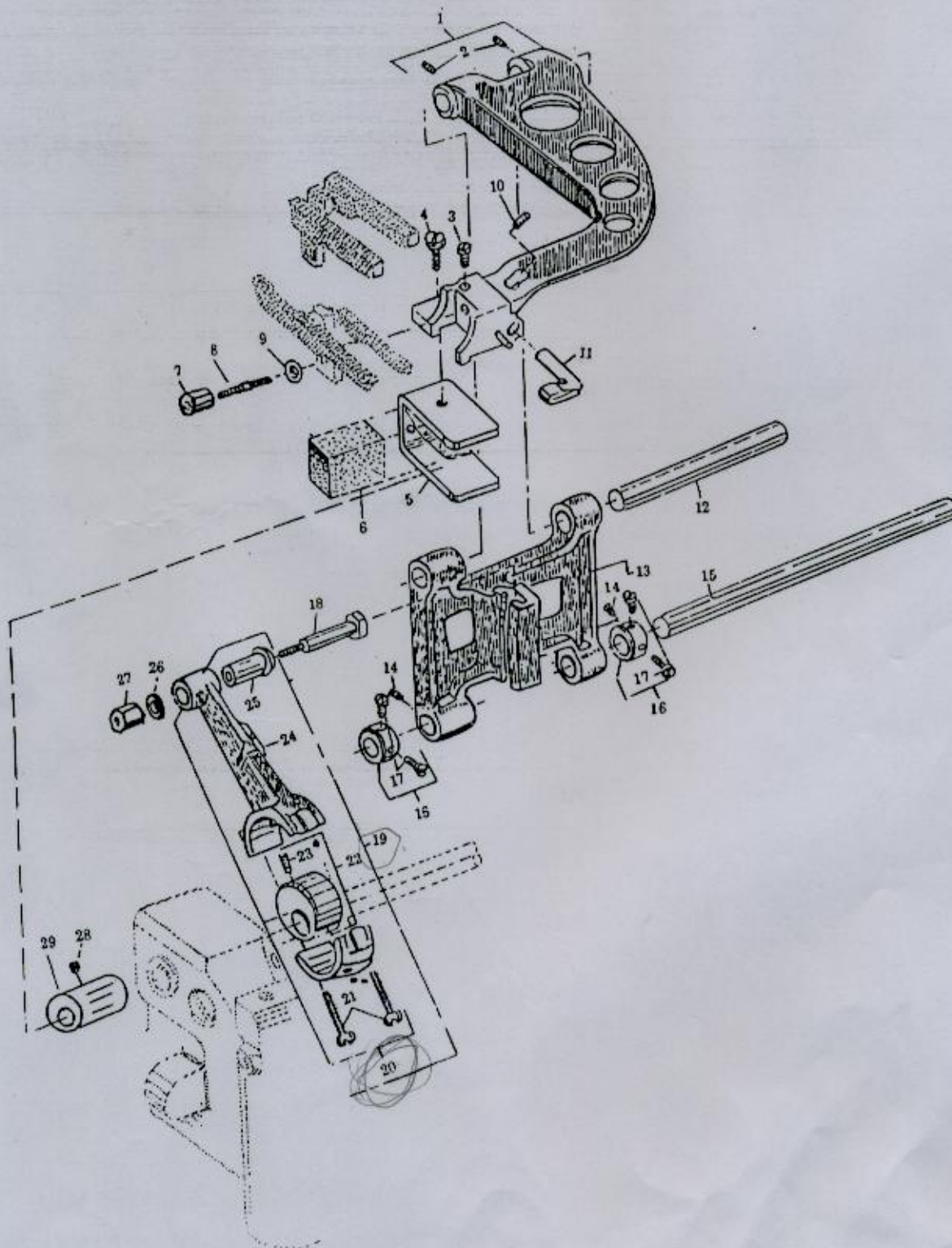
Feed mechanism

Ref.No.	Part.No.	Description	Qty
1	3506098	Feed bar	1
2	403 ✓	Set screw	2
3	101 ✓	Screw	1
4	103 ✓	Screw	1
5	3506099	Feed lift eccentric fork	1
6	3506100	Oil felt	1
7	709	Nut	1
8	3506101	Stud bolt	1
9	902	Washer	1
10	406 ✓	Set screw	1
11	3506102	Needle guard	1
12	3506103	Feed bar shaft	1
13	3506104	Feed rocker	1
*	3506104R	Feed rocker	1
14	105	Screw	2
15	3506105	Feed rocker shaft	1
*	3506105RC	Feed rocker shaft	1
16	3505079	Collar	2
17	105 ✓	Screw	4
18	3506107	Stitch regulating stud	1
19	350612	Feed drive eccentric assembly	1
20	3506108	Connection	1
21	3504055	Screw	2
22	3506110	Eccentric	1
23	505	Spot screw	1
24	3510196	Oil felt	1
25	3506111	Flange bushing	1
26	3506112 ✓	Washer	1
27	706	Nut	1
28	504	Spot screw	1
29	3506113	Feed lift eccentric	1

Caution: The "*" part with "R" for style GK35-A

Caution: The "*" parts with "RC" for styles GK35-B, GK35-C, GK35-D, GK35-E, GK35-F, GK35-G, GK35-H, GK35-I, GK35-J, GK35-K, GK35-L, GK35-M, GK35-N, GK35-O, GK35-P, GK35-Q, GK35-R, GK35-S, GK35-T, GK35-U, GK35-V, GK35-W, GK35-X, GK35-Y, GK35-Z

Feed mechanism



Feed dogs, throat plates and presser feet

Ref.No.	Part No.	Description	Qty
1	350713	Presser foot assembly	1
2	3507114	Presser foot shank	1
3	404	Set screw	2
4	701	Nut	2
5	403	Set screw	3
6	3507115	Finger guard	1
7	1006	Clamping sleeve	1
8	607	Screw	1
9	3507116	Spring	1
10	1007	Clamping sleeve	1
11	3507117	Chaining section	1
12	3507118	Spring	1
13	3507119	Pin	1
14	3507120	Presser foot bottom	1
15	3507121	Straight grooved pin	1
16	3507122	Throat plate	1
17	3507123	Feed dog	1
18	202	Screw	2
19	3507124	Presser bar, right	1
20	3507125	Presser bar, left	1
21	3507126	Presser foot guide	1
22	105	Screw	2
23	3505079	Collar	1
24	105	Screw	2
25	3507128	Lifting screw	1
26	702	Nut	1
27	3507129	Guide plate	2
28	109	Screw	4
29	3507130	Spring regulating bushing	2
30	3507131	Spring	2
31	3507132	Stud for lifter lever	1
32	3507133	Presser foot lifter lever	1
33	3507134	Spring	1
34	350714	Presser foot assembly	1
35	3507114	Presser foot shank	1
36	701	Nut	2
37	404	Set screw	2
38	1007	Clamping sleeve	1
39	3507136	Chaining section	1
40	3507116	Spring	1
41	607	Screw	1
42	1006	Clamping sleeve	1
43	3507115	Finger guard	1
44	403	Set screw	3
45	3507118	Spring	1
46	3507140	Pin	1
47	3507141	Presser foot bottom	1
48	202	Screw for throat plate	3
49	3507142	Throat plate	1
*	3507142C	Throat plate	1
50	3507143	Feed dog	1

Caution: "C" marked with "*" for style GK 75-80

Feed dogs, throat plates and presser feet

Ref.No.	Part.No.	Description	Qty
1	350713	Presser foot assembly	1
2	3507114	Presser foot shank	1
3	404	Set screw	2
4	701	Nut	2
5	403	Set screw	3
6	3507115	Finger guard	1
7	1006	Clamping sleeve	1
8	607	Screw	1
9	3507116	Spring	1
10	1007	Clamping sleeve	1
11	3507117	Chaining section	1
12	3507118	Spring	1
13	3507119	Pin	1
14	3507120	Presser foot bottom	1
15	3507121	Straight grooved pin	1
16	3507122	Throat plate	1
17	3507123	Feed dog	1
18	202	Screw	2
19	3507124	Presser bar, right	1
20	3507125	Presser bar, left	1
21	3507126	Presser foot guide	1
22	105	Screw	2
23	3505079	Collar	1
24	105	Screw	2
25	3507128	Lifting screw	1
26	702	Nut	1
27	3507129	Guide plate	2
28	109	Screw	4
29	3507130	Spring regulating bushing	2
30	3507131	Spring	2
31	3507132	Stud for lifter lever	1
32	3507133	Presser foot lifter lever	1
33	3507134	Spring	1
34	350714	Presser foot assembly	1
35	3507114	Presser foot shank	1
36	701	Nut	2
37	404	Set screw	2
38	1007	Clamping sleeve	1
39	3507136	Chaining section	1
40	3507116	Spring	1
41	607	Screw	1
42	1006	Clamping sleeve	1
43	3507115	Finger guard	1
44	403	Set screw	3
45	3507118	Spring	1
46	3507140	Pin	1
47	3507141	Presser foot bottom	1
48	202	Screw for throat plate	3
49	3507142	Throat plate	1
*	3507142C	Throat plate	1
50	3507143	Feed dog	1

Caution: "C" marked with "*" for style GK 38-3C

