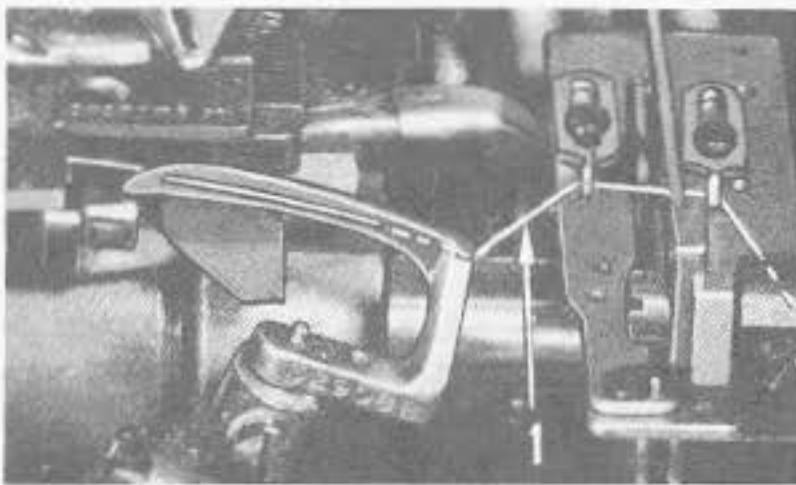
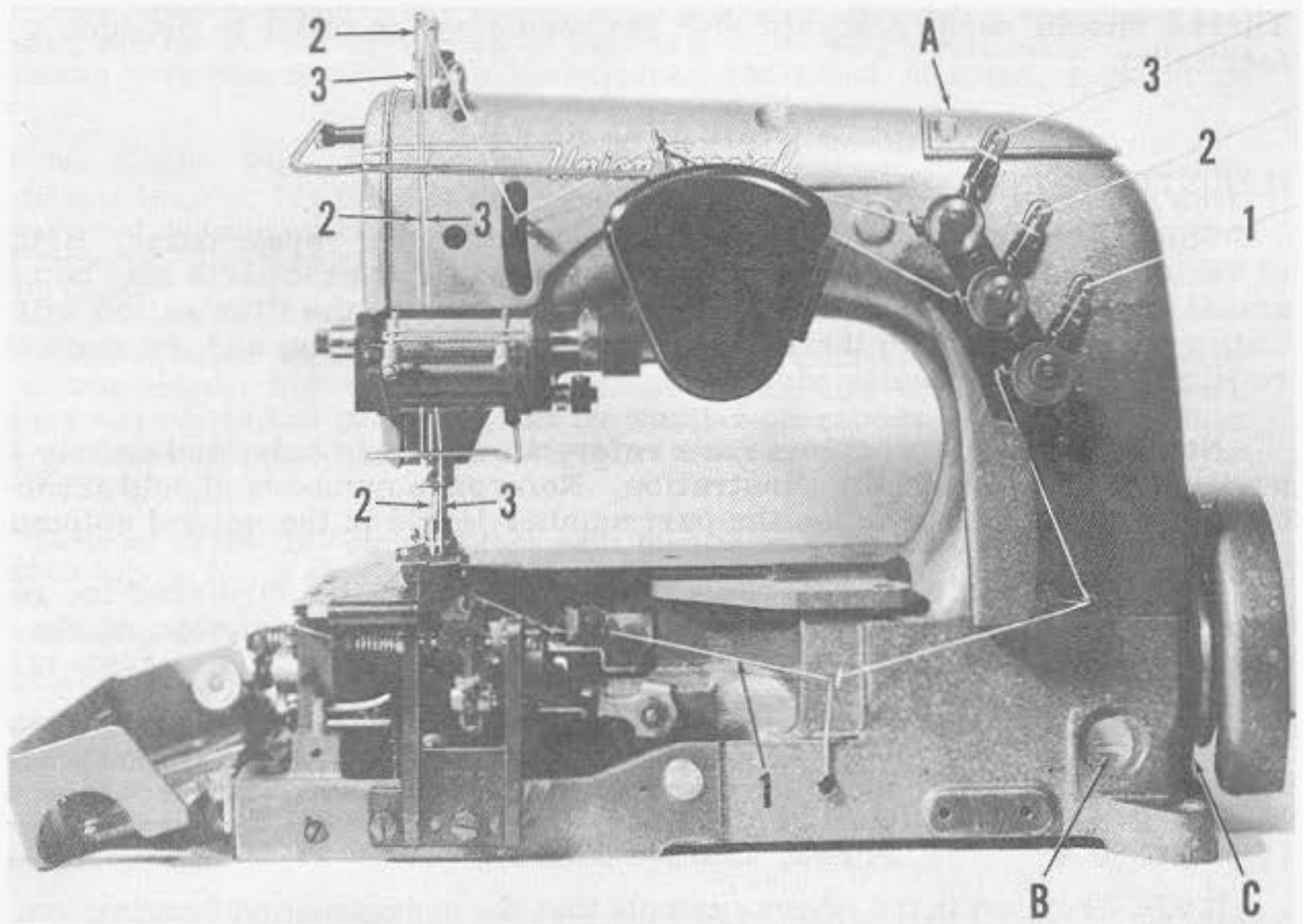


OILING AND THREADING DIAGRAM



The oil has been drained from the machine before shipping, and the reservoir must be filled before beginning to operate. Use a straight mineral oil with a Saybolt viscosity of 90 to 125 seconds at 100° Fahrenheit.

Oil is filled at the spring cap "A" in the top cover, and the level is checked at the sight gauge "B" on the front of the machine. The oil level should be maintained between the red lines on the gauge. The capacity of the oil reservoir is 12 ounces.

The machine is automatically lubricated, and no oiling, other than keeping the main reservoir filled, is necessary.

A daily check before the morning start should be made, and oil added if required. Oil which has gone through the machine is filtered and pumped back into the main reservoir, making too frequent oilings unnecessary. Excessive oil in the main reservoir may be drained at the plug screw "C" in the main frame directly under the handwheel.

Above are pictures showing the manner in which the 52700 Styles covered in this catalog are threaded. The three needle machines are threaded in substantially the same manner. The looper threading has been enlarged for clarity.

MAIN FRAME, BUSHINGS AND MISCELLANEOUS PARTS

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	51493 BQ	Pump Driven Gear -----	1
2	531	Screw-----	2
3	643-127 Blk.	Gasket -----	1
4	51493 AG	Oil Pump Housing -----	1
5	51493 D	Oil Pump Driving Shaft -----	1
6	51493 E	Driving Shaft Gear -----	2
7	51493 AH	Oil Pump Housing Cover -----	1
8	22569 B	Screw -----	3
9	22823 A	Screw -----	2
10	51295 A	Mounting Isolator, for Styles 52700 BK, BL, BM, BN, BP -----	4
10A	39595	Mounting Isolator, for Styles 52700 BR, BS, BT, BU, BV -----	4
10B	51295 B	Mounting Isolator, for Styles 52700 BR, BS, BT, BU, BV -----	2
11	22823 B	Screw-----	1
12	51493 AY	Oil Pan Base Plate, for Styles 52700 BK, BL, BM, BN (4 point isolation) -----	1
	51493 BA	Oil Pan Base Plate, for Style 52700 BP (4 point isolation) -----	1
	51493 BB	Oil Pan Base Plate, for Styles 52700 BR, BS, BT, BU, BV (6 point isolation) -----	1
13	51493 BG	Base Plate Felt -----	1
14	51493 BH	Filter Cap Assembly -----	1
15	51493 BJ	Washer, sponge rubber -----	1
16	52894 AK	Oil Tube, for looper rocker and left ball -----	1
17	22560 B	Screw-----	1
18	258	Nut, for Styles 52700 BR, BS, BT, BU -----	1
19	51280 E	Throat Plate Support Pin, for Styles 52700 BR, BS, BT, BU -----	1
20	52942 W	Looper Drive Lever Shaft Bushing, front -----	1
21	52944 U	Looper Rocker Shaft Bushing, right -----	1
22	51290 T	Main Shaft Bushing, middle -----	1
23	52942 X	Looper Drive Lever Shaft Bushing, rear -----	1
24	51493 BK	Lint Filter Screen-----	1
25	52936	Feed Rocker Shaft Bushing, right and left -----	2
26	52944 T	Looper Rocker Shaft Bushing, left -----	1
27	52890 C	Main Shaft Bushing, left -----	1
28	660-136	Oil Tube, for feed crank link -----	1
29	258 A	Nut -----	1
30	52894 AB	Oil Tube Holder, for Styles 52700 BK, BL, BM, BN, BP -----	1
	52894 AB	Oil Tube Holder, for Styles 52700 BR, BS, BV -----	2
	52894 AB	Oil Tube Holder, for Styles 52700 BT, BU -----	3
31	90	Screw, for Styles 52700 BK, BL, BM, BN, BP -----	1
	90	Screw, for Styles 52700 BR, BS, BV -----	2
	90	Screw, for Styles 52700 BT, BU -----	3
32	52994 AC	Oil Tube, for Styles 52700 BR, BS, BT, BU -----	1
-	52794 H	Oil Tube, for Style 52700 BV -----	1
33	52894 AD	Oil Tube, for Styles 52700 BT, BU -----	1
34	52894 AE	Oil Tube, for Styles 52700 BT, BU -----	1
34A	22571 B	Plug Screw, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
34B thru 68		See following page	

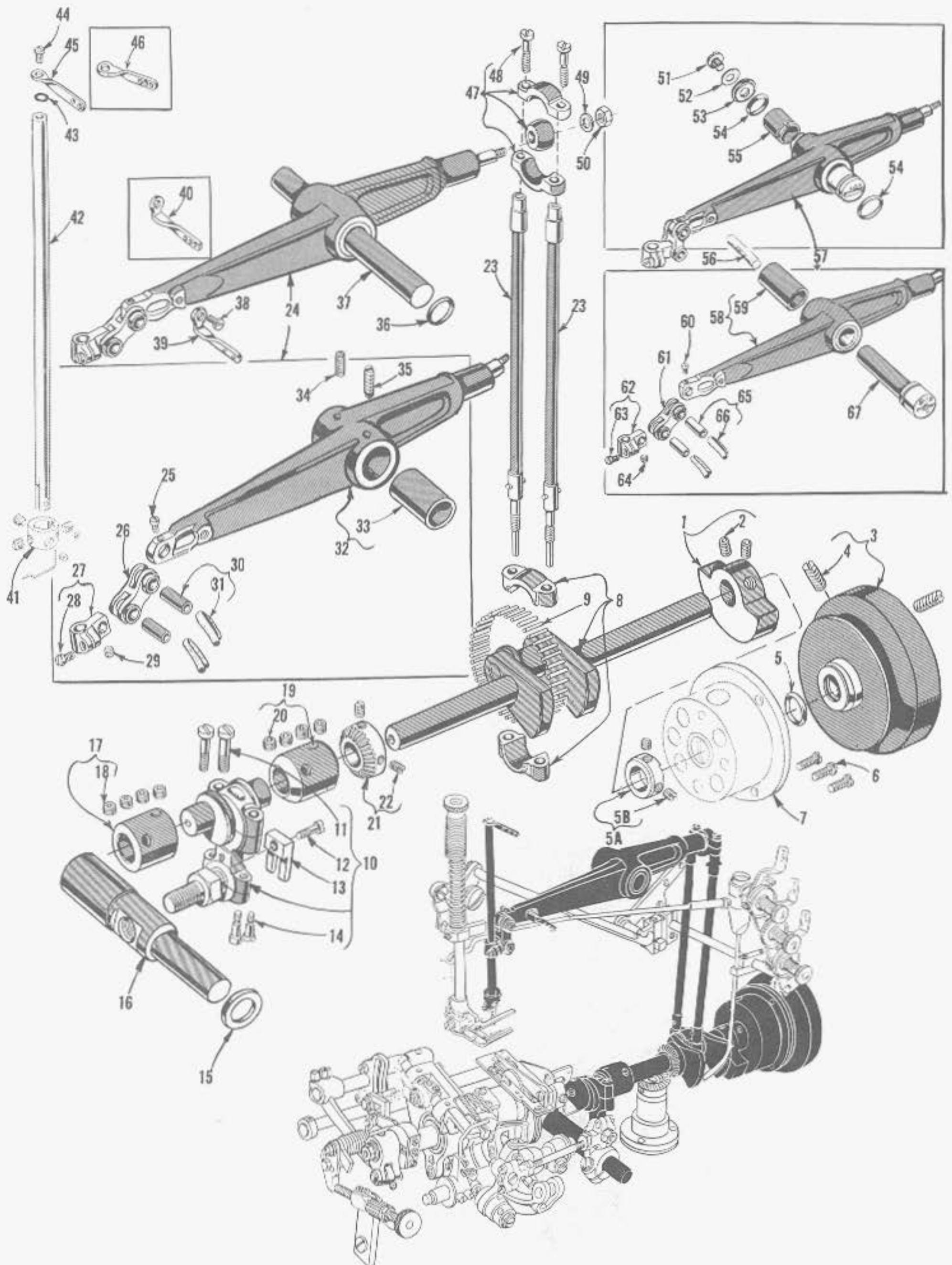
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Application error: LZW minimum code size other than 8 bit not supported in GIF file

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MAIN FRAME, BUSHINGS AND MISCELLANEOUS PARTS

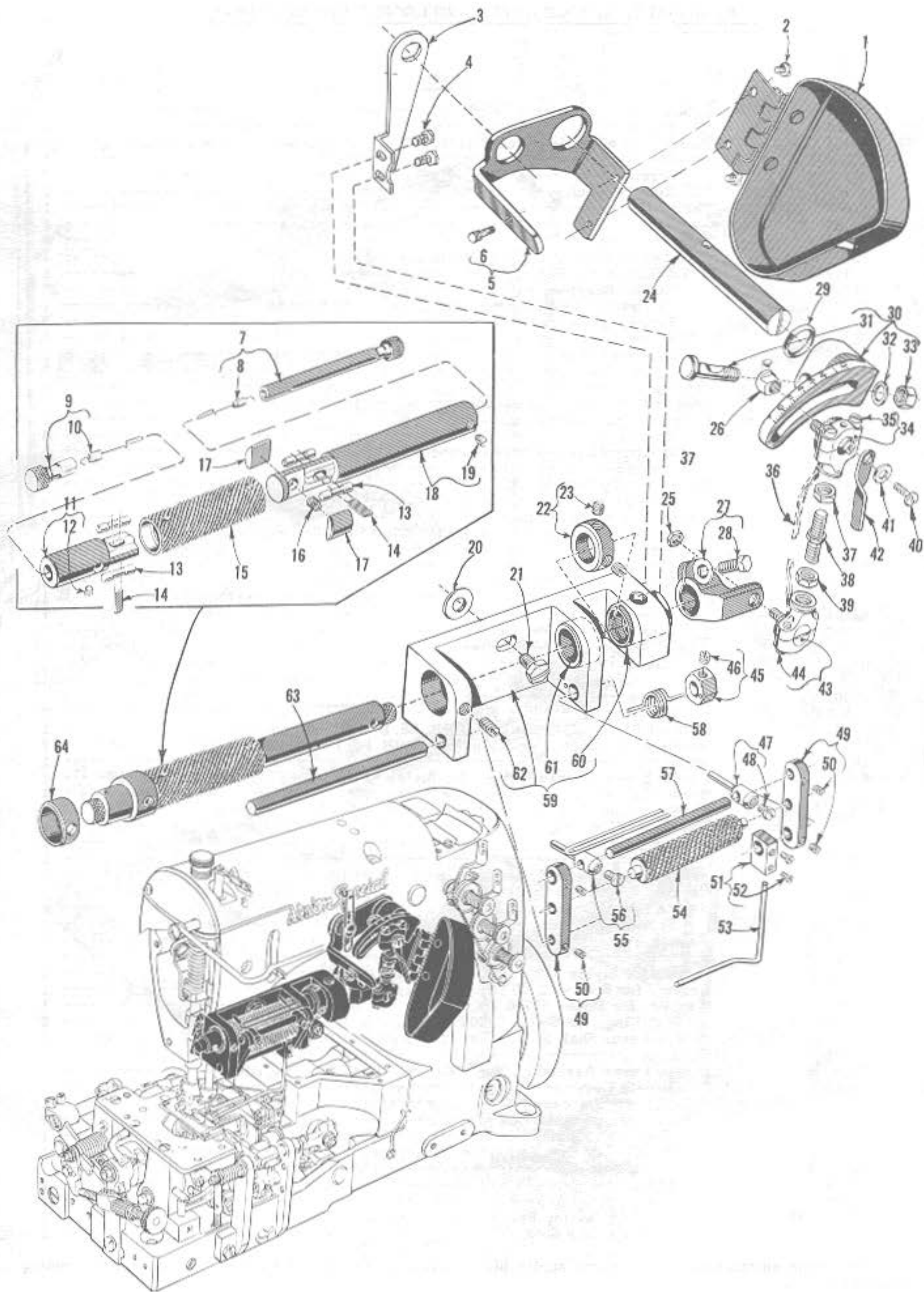
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1 thru 34A		See preceding page	
34B	52794 G	Oil Tube, for feed lift and looper avoid eccentric, for Styles 52700 BK, BL, BM, BN, BP-----	1
34C	51193 S	Oil Tube, for feed lift eccentric, for Styles 52700 BR, BS, BV-----	1
35	22513	Screw -----	3
36	7947	Nut-----	1
37	51294 P	Oil Tube Clamp -----	1
38	51294 R	Screw -----	1
39	35731 A	Presser Bar Connecting Guide Plate -----	2
40	35761 D	Needle Lever Shaft Bushing Cap, for Styles 52700 BR, BS, BT, BU, BV-----	1
41	51254 C	Needle Bar Bushing, upper -----	1
42	51294 M	Oil Siphon Tube -----	1
43	666-214	Felt Lint Filter -----	1
44	51254 D	Needle Bar Bushing, lower -----	1
45	51257 AA	Presser Bar Bushing, lower-----	1
46	95	Plug Screw, for all Styles except 52700 BR, BS, BT, BU, BV -----	1
47	52890 C	Main Shaft Bushing, inner right -----	1
48	52891 B	Crankshaft Bearing Housing, including bushing-----	1
49	21657 X	Tension Release Lever Shaft Bushing -----	1
50	51294 Z	Oil Tube Connection -----	1
51	21212	Oil Siphon Connecting Locking Ring -----	1
51A	52883 R	Presser Foot Lifter Lever Bushing -----	1
52	22729 A	Screw -----	1
53	666-201	Felt Plug -----	1
54	666-209	Felt Disc -----	1
55	51294 U	Oil Siphon Assembly -----	1
56	22729 B	Screw -----	1
57	51294 K	Clamp, upper -----	1
58	50-648 Blk.	Lucite Oil Gauge -----	1
59	22889 C	Adaptor Plug Screw, for all Styles except 52700 BT, BU -----	2
60	22889 D	Adaptor Plug Screw, for all Styles except 52700 BT, BU -----	1
61	666-114	Oil Wick, for right main shaft bearing -----	2
62	35178 D	Spring -----	4
63	22571 A	Plug Screw, for all Styles except 52700 BT, BU -----	15
	22571 A	Plug Screw, for Styles 52700 BT, BU-----	18
64	666-65	Oil Wick, for looper rocker shaft-----	2
65	666-118	Oil Wick, for left main shaft bearing-----	2
66	666-111	Oil Wick, for feed rocker shaft -----	2
67	666-179	Wedge Pin -----	2
68	22539 H	Plug Screw-----	1
69	56390 E	Gasket, for crankshaft bearing housing-----	1



CRANKSHAFT, NEEDLE LEVER AND LOOPER DRIVING PARTS

Ref. No.	Part No.	Description	Amt. Req.
1	51247	Crankshaft Counterweight -----	1
2	22894 J	Screw -----	2
*3	51221 C	Pulley, for all Styles except 52700 BR, BS, BT, BU with improved trimming mechanism -----	1
4	22894 F	Screw -----	2
5	660-202	"O" Ring, for pulley -----	1
5A	51147	Thrust Collar -----	1
5B	95	Screw -----	2
6	22569 B	Screw -----	3
7	52891 B	Crankshaft Bearing Housing, including bushing -----	1
8	29476 JP	Crankshaft Assembly, .910 inch throw, marked "51222 J" -----	1
9	51216 M	Needle Bearing -----	28
10	29476 LE	Looper Driving Lever Crank Assembly, crank marked "D" -----	1
11	22587	Screw, upper -----	2
12	22729 D	Screw -----	1
13	51243 C	Ball Stud Guide -----	1
14	22559 A	Screw, lower -----	2
15	52951 C	Spacing Washer -----	1
16	52942 A	Looper Drive Lever Rocker Shaft -----	1
17	56343 D	Looper Drive Lever Crank Connection, left -----	1
18	22894 X	Screw -----	4
19	52943 L	Looper Drive Lever Crank Connection, right -----	1
20	22894 X	Screw -----	4
21	51493 BP	Pump Driving Gear -----	1
22	22560 B	Screw -----	2
23	51216 G	Needle Lever Connecting Rod -----	2
24	29348 V	Needle Lever Assembly, for Styles 52700 BR, BS, BT, BU, BV -----	1
25	77	Screw -----	1
26	56354 A	Needle Bar Link -----	1
27	51254 J	Needle Bar Connection -----	1
28	22562 A	Screw -----	1
29	22564	Screw -----	1
30	51054	Link Pin -----	2
31	666-149	Lubricating Felt -----	2
32	52715	Needle Lever -----	1
33	51250 A	Bushing -----	1
34	22591	Screw -----	1
35	HA81	Screw -----	1
36	660-202	Oil Seal Ring, for Styles 52700 BR, BS, BT, BU, BV -----	1
37	52750	Needle Lever Shaft, for Styles 52700 BR, BS, BT, BU, BV -----	1
38	22768	Screw -----	1
39	56458	Needle Lever Thread Eyelet, for Styles 52700 BK, BL, BN, BP, BR, BT, BV -----	1
40	56958	Needle Lever Thread Eyelet, for Styles 52700 BM, BS, BU -----	1
41		Needle Clamp Collar (See Page 31) -----	1
42		Needle Bar (See Page 31) -----	1
43	27-435 Blk.	Washer -----	1
44	22768	Screw -----	1
45	56458 A	Needle Bar Thread Eyelet, for Styles 52700 BK, BL, BN, BP, BR, BT, BV -----	1
46	56958 A	Needle Bar Thread Eyelet, for Styles 52700 BM, BS, BU -----	1
47	29066 R	Needle Lever Connecting Rod and Upper Bearing Assembly -----	1
48	22559 G	Screw -----	2
49	51216 N	Washer -----	1
50	51216 P	Nut -----	1
51	22586 R	Screw, for Styles 52700 BK, BL, BM, BN, BP -----	1
52	51250 F	Gasket, for Styles 52700 BK, BL, BM, BN, BP -----	1
53	51250 D	Washer, for Styles 52700 BK, BL, BM, BN, BP -----	1
54	660-212	Oil Seal Ring, for Styles 52700 BK, BL, BM, BN, BP -----	2
55	51150	Needle Lever Shaft Stop Collar, for Styles 52700 BK, BL, BM, BN, BP -----	1
56	666-170	Oil Wick -----	1
57	29348 P	Needle Lever Assembly, for Styles 52700 BK, BL, BM, BN, BP -----	1
58	51215 J	Needle Lever -----	1
59	51250 A	Bushing -----	1
60	77	Screw, for upper link pin -----	1
61	56354 A	Needle Bar Link -----	1
62	51254 J	Needle Bar Connection -----	1
63	22562 A	Screw -----	1
64	22564	Screw -----	1
65	51054	Link Pin -----	2
66	666-149	Lubricating Felt -----	2
67	51250 E	Needle Lever Stud -----	1

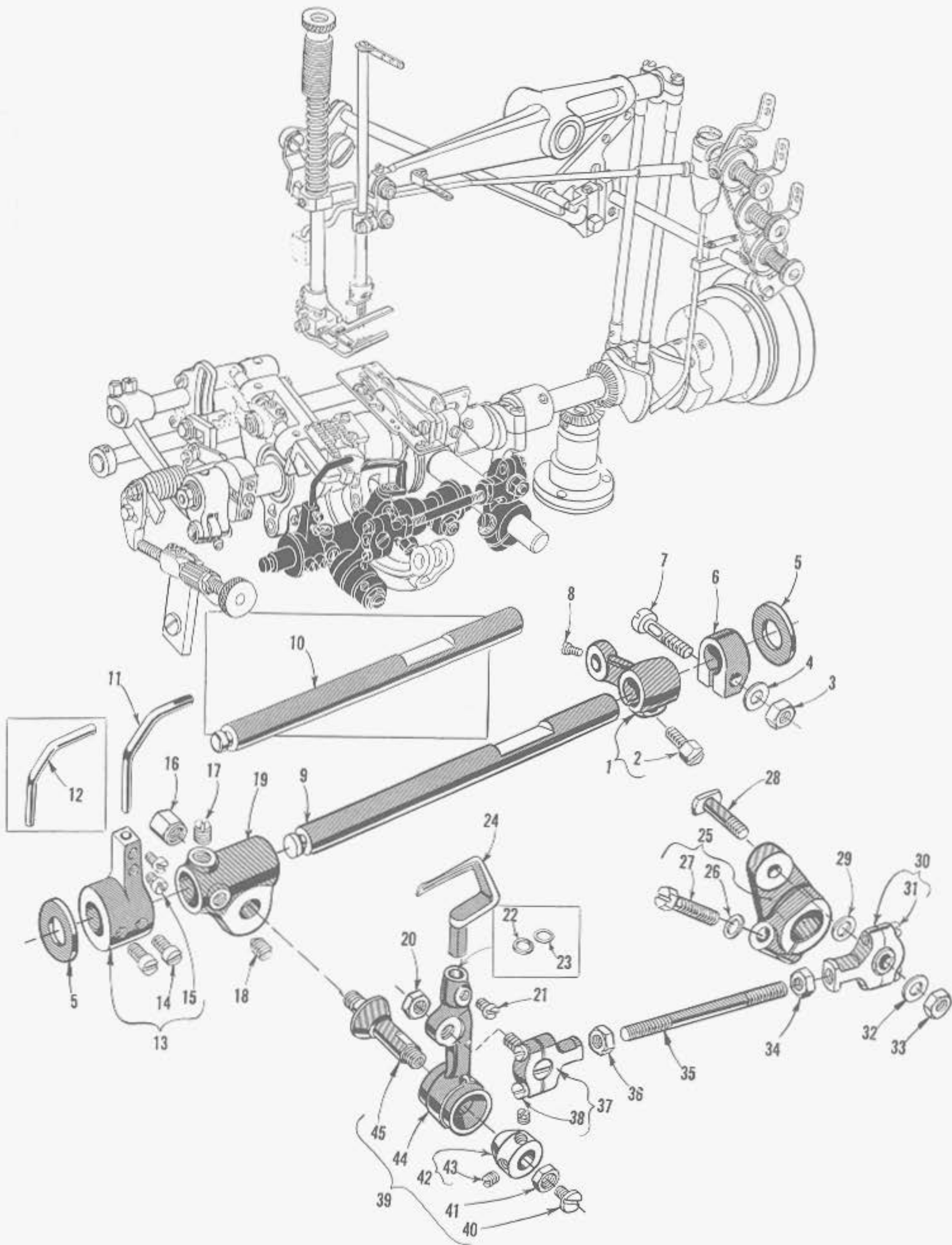
* See Page 43 for comparable repair parts applicable to Styles 52700 BR, BS, BT, BU with improved trimming mechanism.



FOR STYLES 52700 BR, BS, BT, BU, BV ONLY

UPPER METERING DEVICE AND METERING DEVICE DRIVING PARTS

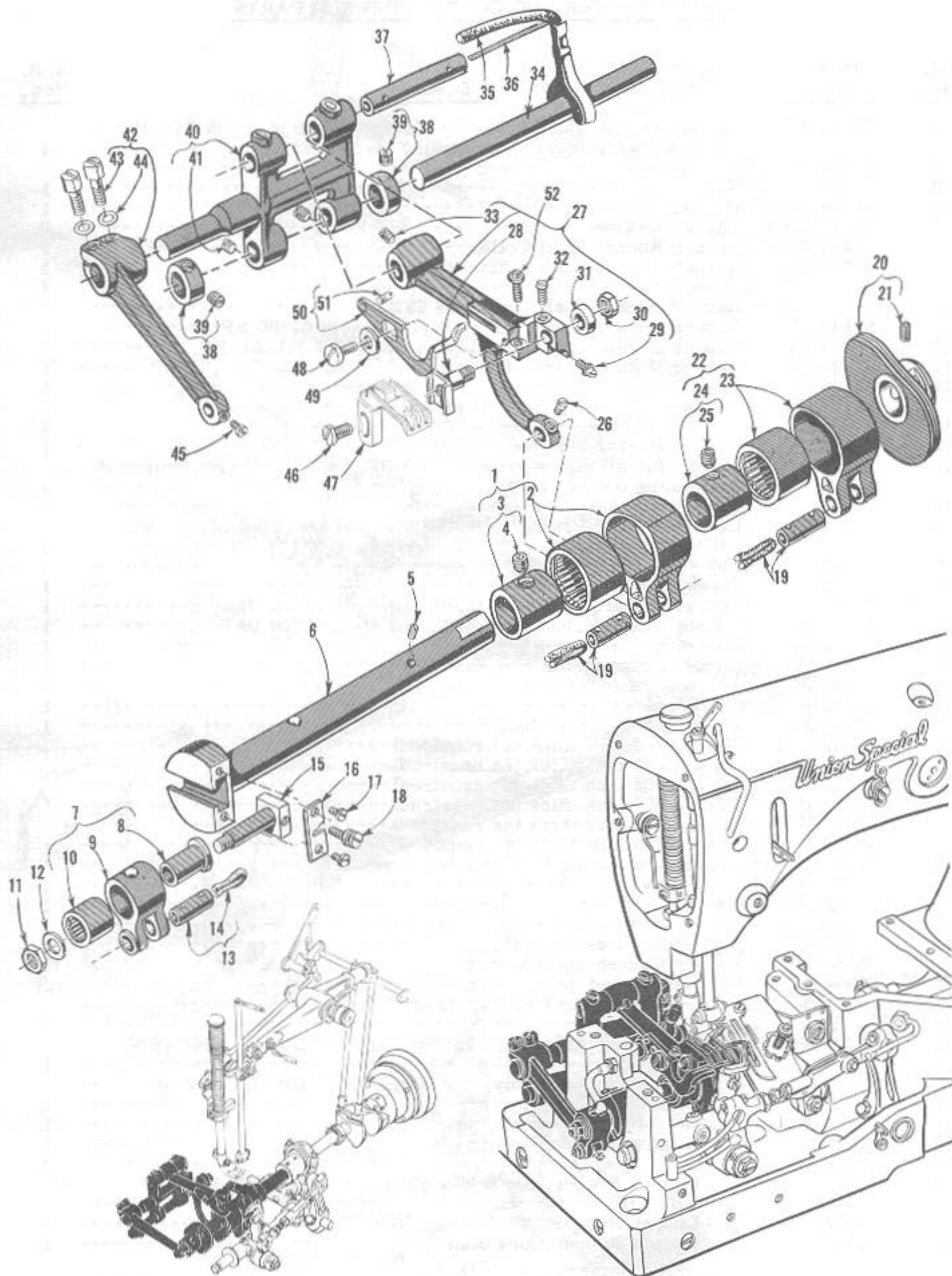
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Am Req</u>
1	52777 AA	Clutch Drive Lever Cover-----	1
2	87 U	Screw-----	2
3	52777 AG	Clutch Frame Mounting Bracket-----	1
4	79048	Screw-----	2
5	52777 AC	Cover Mounting Plate-----	1
6	22703	Screw-----	1
7	52777 V	Torsion Rod, right-----	1
8	52777 X	Torsion Spring-----	1
9	52777 W	Torsion Rod, left-----	1
10	52777 AE	Torsion Spring-----	1
11	52777 S	Clutch Lock Shaft-----	1
12	22743	Screw-----	1
13	52777 Z	Clutch Roller-----	4
14	52777 Y	Torsion Rod Pressure Plate-----	2
15	52777 R	Clutch Barrel-----	1
16	52777 U	Brake Spring-----	1
17	52777 T	Fiber Brake-----	2
18	52776 P	Clutch Drive Shaft-----	1
19	22743	Screw-----	1
20	40-181	Washer-----	1
21	22882	Screw-----	1
22	9660 B	Collar-----	1
23	98	Screw-----	2
24	52750	Needle Lever Shaft-----	1
25	12982	Nut-----	1
26	52776 W	Elastic Metering Pointer-----	1
27	52776 G	Clutch Rocker Shaft Lever-----	1
28	22852	Screw-----	1
29	660-202	Oil Seal Ring-----	1
30	52776 R	Clutch Drive Lever-----	1
31	55235 D	Stud-----	1
32	6042 A	Washer-----	1
33	55235 E	Nut-----	1
34	52776 T	Ball Joint, upper-----	1
35	22729 C	Screw-----	2
36	CL21	Oil Wick-----	1
37	43242 P	Nut-----	1
38	43242 N	Connecting Rod-----	1
39	15037 A	Nut-----	1
40	22804	Screw-----	1
41	53678 N	Washer-----	1
42	52776 V	Release Lever-----	1
43	52776 L	Ball Joint, lower-----	1
44	22729 C	Screw-----	2
45	52778 T	Tension Adjusting Collar-----	1
46	89	Screw-----	1
47	52778 D	Strip Guide-----	1
48	22562	Screw-----	1
49	52778 N	Strip Tension Link-----	2
50	22733	Screw-----	2
51	52778 U	Tape Guide Block-----	1
52	22738	Screw-----	2
53	52778 V	Tape Guide Wire-----	1
54	52778 F	Strip Tension Roller-----	1
55	52778 W	Tape Lead-in Guide-----	1
56	22562	Screw-----	1
57	52778 S	Strip Guide Shaft-----	1
58	52778 P	Strip Tension Link Spring-----	1
59	52777 AF	Clutch Frame-----	1
60	52777 M	Bushing-----	1
61	52777 N	Bushing-----	1
62	22560 A	Screw-----	1
63	52778 R	Tension Shoe Pivot Shaft-----	1
64	52777 P	Adjustable Bushing-----	1



LOOPER ROCKER AND CONNECTING ROD PARTS

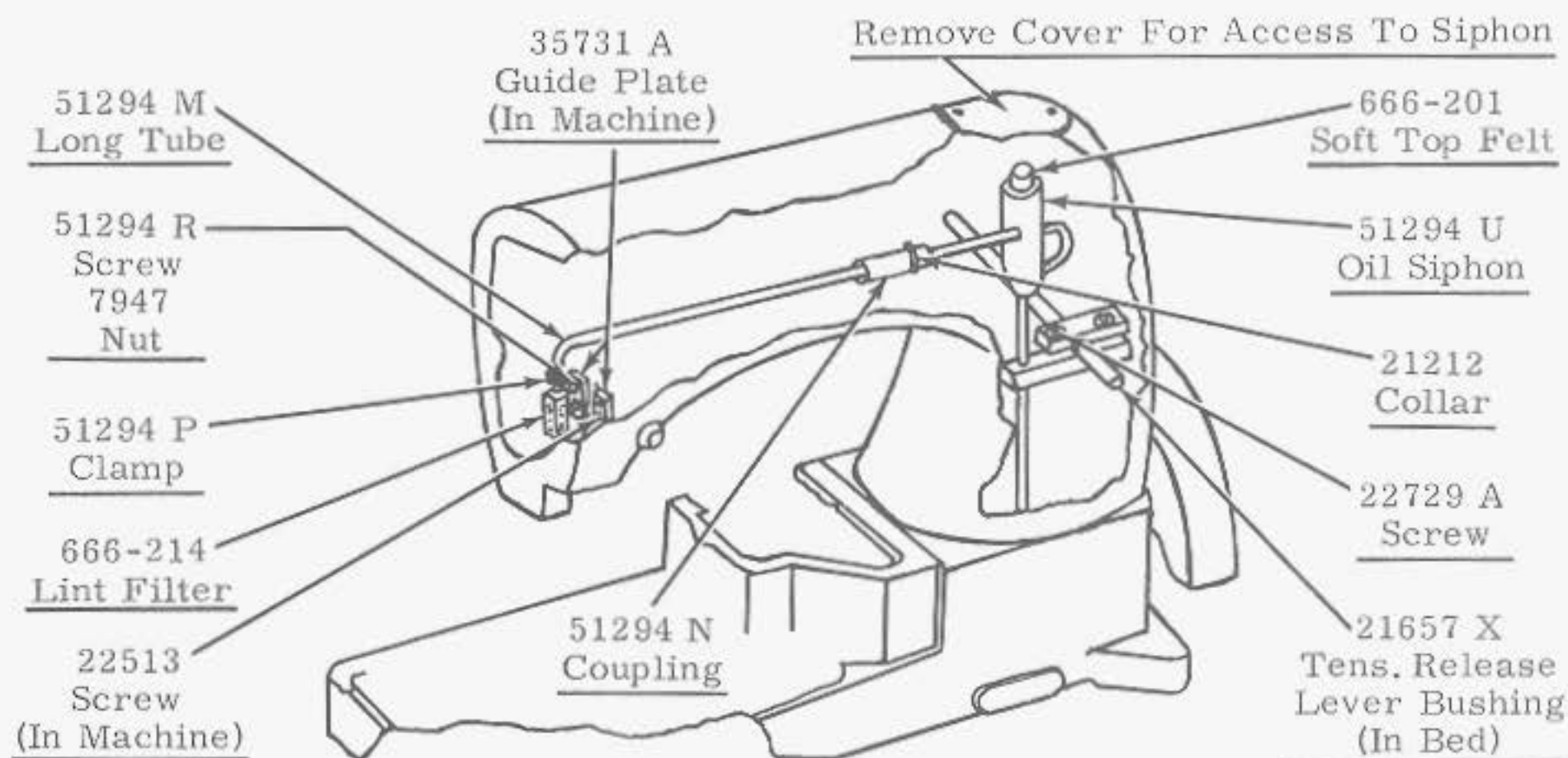
Ref. No.	Part No.	Description	Amt. Req.
* 1	51244 B	Looper Rocker Shaft Arm, for all Styles except 52700 BR, BS, BT, BU with improved trimming mechanism -----	1
2	22519 H	Screw -----	1
3	18	Nut -----	1
4	51216 N	Washer -----	1
5	51244 L	Thrust Washer -----	2
6	51244 N	Looper Rocker Shaft Collar -----	1
7	55244 G	Looper Rocker Shaft Collar Stud -----	1
8	22768	Screw -----	1
9	52744	Looper Rocker Shaft, for Style 52700 BP -----	1
10	51144	Looper Rocker Shaft, for all Styles except 52700 BP -----	1
11	52725 A	Looper Needle Guard, for Styles 52700 BR, BS, BT, BU, BV -----	1
12	52825 C	Looper Needle Guard, for Styles 52700 BK, BL, BM, BN, BP -----	1
13	52825 D	Needle Guard Holder -----	1
14	33174 B	Screw -----	2
15	22563	Screw -----	2
16	51246	Looper Rocker Stud Nut -----	1
17	98	Screw, for all Styles except 52700 BR, BS, BT, BU with improved trimming mechanism -----	1
18	96	Screw -----	1
*19	52444 B	Looper Rocker Frame, for all Styles except 52700 BR, BS, BT, BU with improved trimming mechanism -----	1
20	18	Nut -----	1
21	73	Screw -----	1
22	21210	Looper Collar, .040 inch thick, for Style 52700 BL -----	1
23	21210 A	Looper Collar, .020 inch thick, for Style 52700 BK -----	1
24	52708 B	Looper -----	1
25	52942 P	Looper Drive Lever -----	1
26	51242 M	Washer -----	1
27	22882 A	Screw -----	1
28	52942 R	Looper Drive Lever Stud -----	1
29	41355 U-4	Shim, .004 inch thick (as required) -----	
	41355 U-5	Shim, .005 inch thick (as required) -----	
	41355 U-6	Shim, .006 inch thick (as required) -----	
	41355 U-7	Shim, .007 inch thick (as required) -----	
	41355 U-8	Shim, .008 inch thick (as required) -----	
	41355 U-9	Shim, .009 inch thick (as required) -----	
30	52941 D	Looper Connecting Rod Ball Joint, right -----	1
31	97 A	Screw -----	2
32	20	Washer -----	1
33	18	Nut, right thread -----	1
34	18	Nut, right thread -----	1
35	39141	Looper Connecting Rod -----	1
36	269	Nut, left thread -----	1
37	52841 A	Looper Connecting Rod Ball Joint, left -----	1
38	22729 C	Screw -----	2
39	29192 T	Looper Rocker Assembly, for Styles 52700 BK, BL, BM, BN, BP, BT, BU -----	1
	29192	Looper Rocker Assembly, for Styles 52700 BR, BS, BV -----	1
40	22829	Lock Nut Screw -----	1
41	258 A	Lock Nut -----	1
42	15465 F	Looper Rocker Cone -----	1
43	22894 W	Screw -----	2
44	52813	Looper Rocker, for Styles 52700 BK, BL, BM, BN, BP, BT, BU -----	1
	51213	Looper Rocker, for Styles 52700 BR, BS, BV -----	1
45	51745	Looper Rocker Cone Stud -----	1

* See Page 43 for comparable repair parts applicable to Styles 52700 BR, BS, BT, BU with improved trimming mechanism.



SELF-PRIMING HEAD OIL SIPHON

Class 52700 machines are equipped with a self-priming head oil siphon. When the machine is started, oil splashes on the priming cup felts, filters through the felts, and trickles down the vertical oil tube, thus, priming the siphon. Once the prime is established, it is maintained, unless the felts are removed. The siphon operates twenty-four hours a day, removing oil at the rate of six to twelve drops per minute, which of course, far exceeds the rate at which oil collects in the head.



INSTALLING AND MAINTENANCE OF OIL SIPHON

A newly installed siphon starts its action within three to five minutes after the machine is operating. However, it may be twenty minutes or so before all the air is removed from the line and the siphon is in full operation. Within an hour, there is a distinct drop in oil level in the head sump.

The felts in the priming cup are designed for a specific purpose. The bottom felt, 666-209, is thin and relatively dense, to meter the flow of priming oil and to prevent the entrance of air. The softer top felt, 666-201, is a filter to prevent the clogging of the metering felt. This felt, at the intake of the siphon, keeps the siphon clear of lint, and prevents the entrance of air at that point. For the best initial self-priming condition, the felts of the siphon should be dry. In this condition, it is difficult for air to be trapped between the felts or in the top soft felt itself.

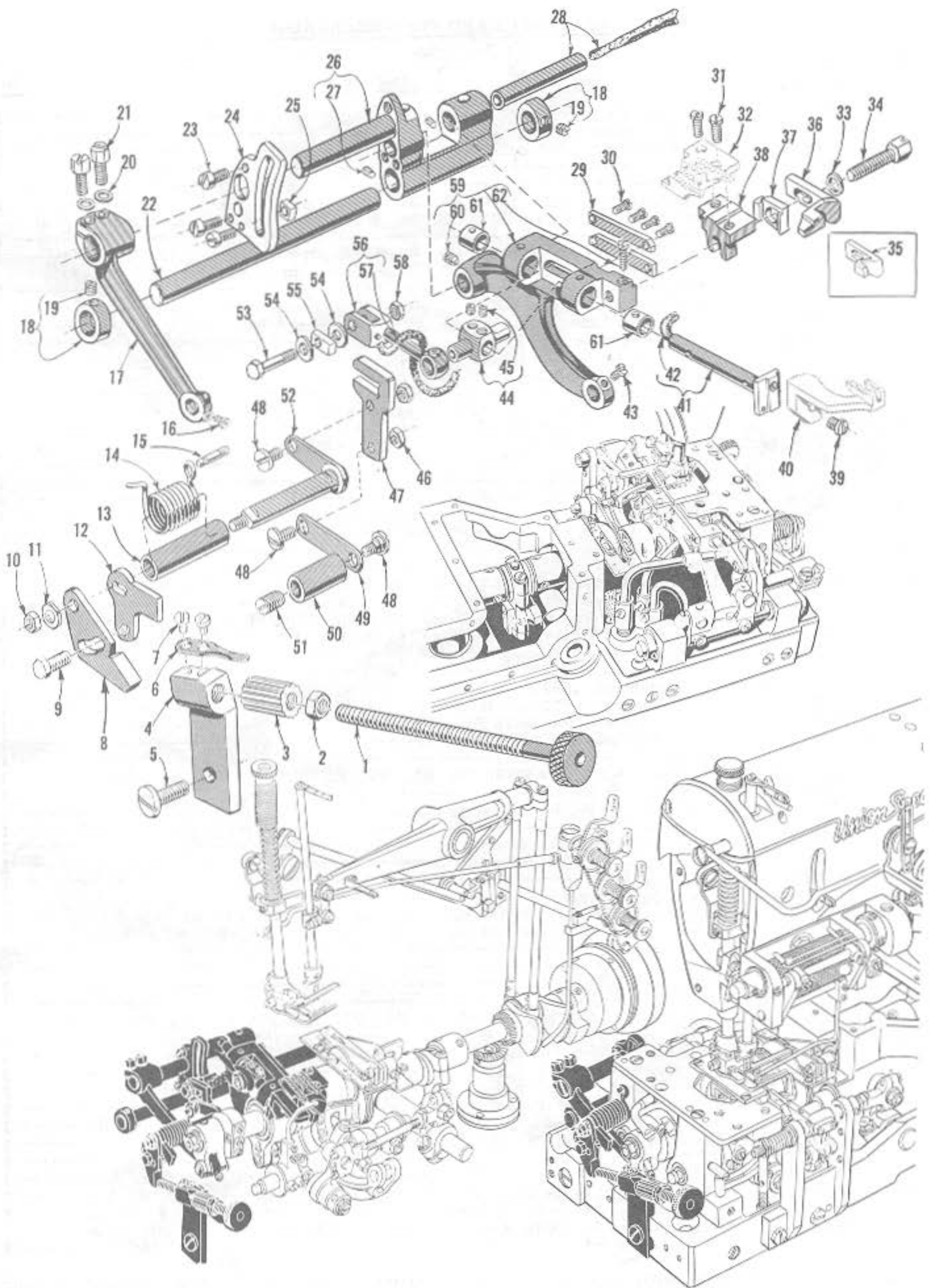
However, if for some reason the priming cup felts had been oiled before installing, the siphon may fail because air is trapped between the felts or in the soft top felt. As a precaution, remove the soft felt from the cup. Then, while squeezing the felt between the fingers, saturate it well with oil. In other words, squeeze out the air and replace it with oil. Then, completely fill the cup with oil, and push or twist the soft felt down into cup so that it definitely contacts the harder thin felt. This precaution prevents the trapping of air, and no trouble should be experienced when starting the siphon.

If you want to be doubly sure that the siphon is functioning correctly, on a machine in operation, apply a certain amount of oil in the sump around the felt in the head. Before doing this, be certain that this felt has been saturated in the same manner as explained for the soft felt in the top of the siphon cup. When this is done, the siphoning action will begin, and the oil will be removed as explained.

MAIN SHAFT AND FEED MECHANISM

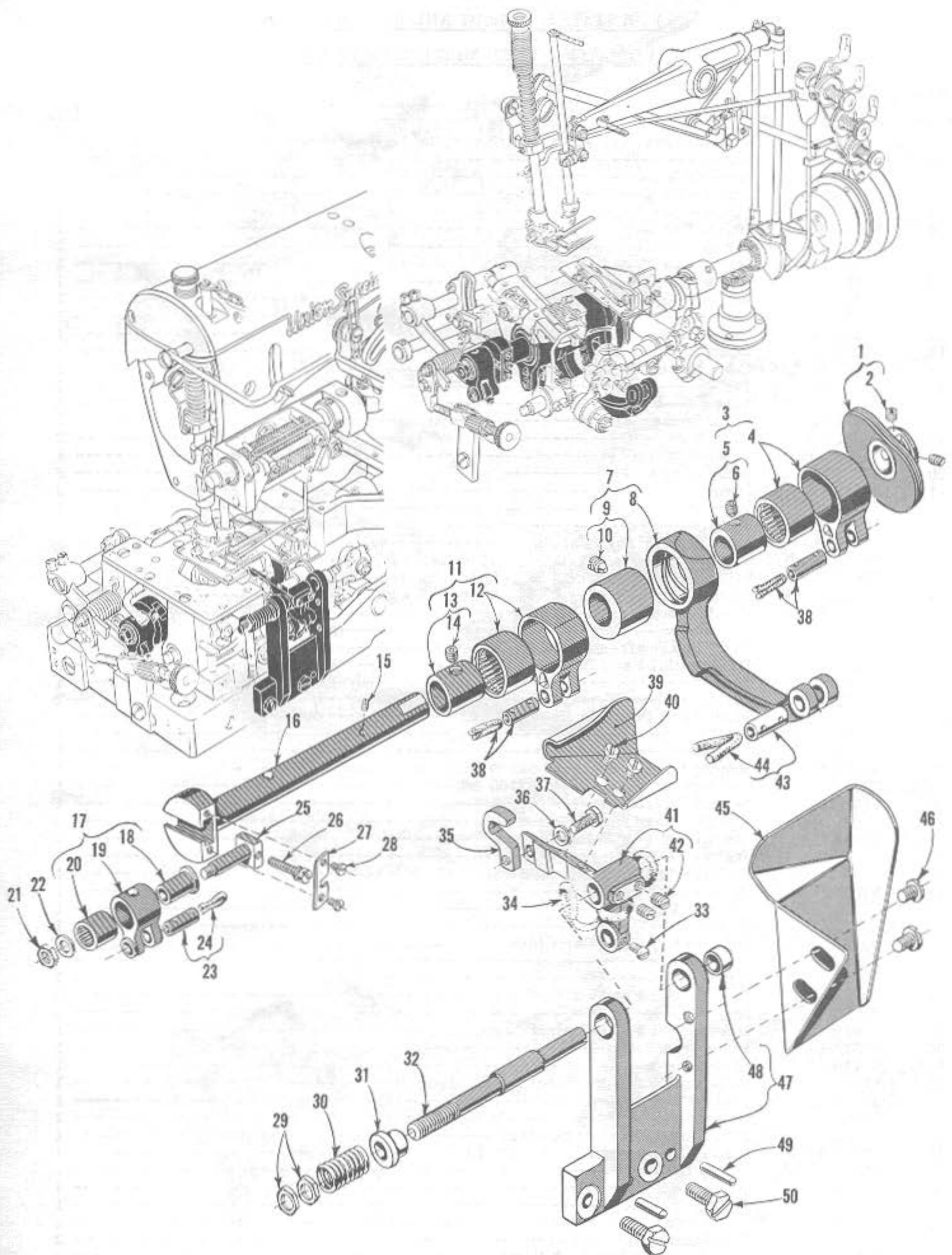
Ref. No.	Part No.	Description	Amt. Req.
1	29476 DV	Feed Lift Eccentric Assembly-----	1
2	51145 A	Eccentric Bearing -----	1
3	51406	Eccentric, .062 inch throw -----	1
4	22894 D	Screw-----	1
5	22801	Screw -----	1
6	52922 C	Main Shaft, for Styles 52700 BK, BL, BM, BN, BP -----	1
	52722	Main Shaft, for Styles 52700 BR, BS, BV without improved trimming mechanism -----	1
* -	52722 E	Main Shaft, for Styles 52700 BR, BS with improved trimming mechanism -----	1
	52722 B	Main Shaft, for Styles 52700 BT, BU without improved trimming mechanism -----	1
÷ -	52722 D	Main Shaft, for Styles 52700 BT, BU with improved trimming mechanism -----	1
7	51236 E	Feed Crank Link, complete -----	1
8	51236 F	Feed Crank Link Ferrule -----	1
9	51236 D	Feed Crank Link -----	1
10	660-169	Needle Bearing -----	1
11	269	Nut, left thread -----	1
12	20	Washer -----	1
13	51054	Link Pin -----	1
14	666-149	Oil Wick -----	1
15	51236 G	Feed Crank Stud -----	1
16	51236 B	Feed Crank Stud Cap -----	1
17	22768	Screw-----	2
18	22795	Screw-----	1
19	51236 A	Link Pin -----	2
20	52923 D	Take-up -----	1
21	22580 D	Screw, set -----	2
*22	29476 DV	Looper Avoid Eccentric Assembly, for Styles 52700 BL, BM, BN, BP, BR, BS, BV without improved trimming mechanism -----	1
-	29476 DX	Looper Avoid Eccentric Assembly, for Style 52700 BK -----	1
* -	29476 JN	Looper Avoid Eccentric Assembly, for Styles 52700 BT, BU without improved trimming mechanism -----	1
23	51145 A	Eccentric Bearing -----	1
24	51406	Eccentric, .062 inch throw, for 29476 DV, JN -----	1
	51306	Eccentric, .072 inch throw, for 29476 DX -----	1
25	22894 D	Screw, for 29476 DV, DX -----	1
	22894 T	Screw, for 29476 JN -----	1
26	77	Screw-----	1
27	51134	Feed Bar, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
28	56334 E	Feed Dog Holder -----	1
29	22863	Feed Dog Holder Adjusting Screw -----	1
30	258 A	Check Nut -----	1
31	51134 J	Feed Dog Holder Washer -----	1
32	538	Feed Dog Height Adjusting Screw -----	1
33	22560 B	Screw-----	1
34	8	Feed Rocker Shaft -----	1
35	51134 P	Lubricating Felt, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
36	51134 R	Lubricating Felt Guard, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
37	51134 C	Feed Bar Shaft -----	1
38	482	Collar -----	2
39	98	Screw-----	1
40	51235	Feed Rocker, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
41	98	Screw-----	2
42	51235 A	Feed Rocker Arm, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
43	22519 C	Screw-----	2
44	51235 G	Washer -----	2
45	77	Screw-----	1
46	22528	Screw, for feed dog on Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
47		Feed Dog (See Pages 33, 35, 39, 41) -----	1
48	22585 B	Screw-----	1
49	51225 W	Washer -----	1
50	52725	Needle Guard, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1
51	22801	Pivot Screw -----	1
52	22834	Needle Guard Adjusting Screw, for Styles 52700 BK, BL, BM, BN, BP, BR, BS, BV -----	1

* See Page 43 for repair parts applicable to Styles 52700 BR, BS, BT, BU with improved trimming mechanism.



FOR STYLES 52700 BT AND BU ONLY
DIFFERENTIAL FEED MECHANISM PARTS

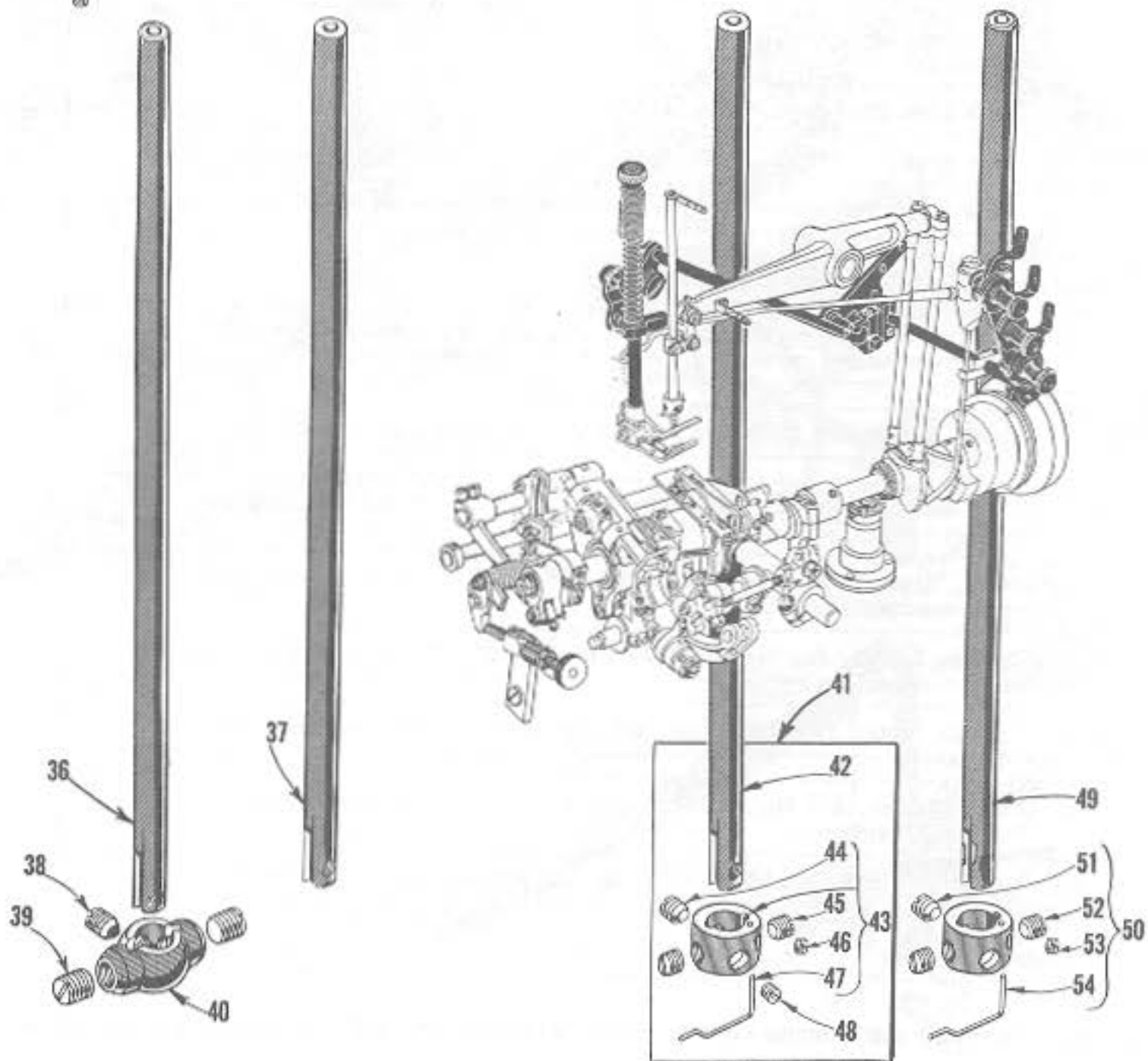
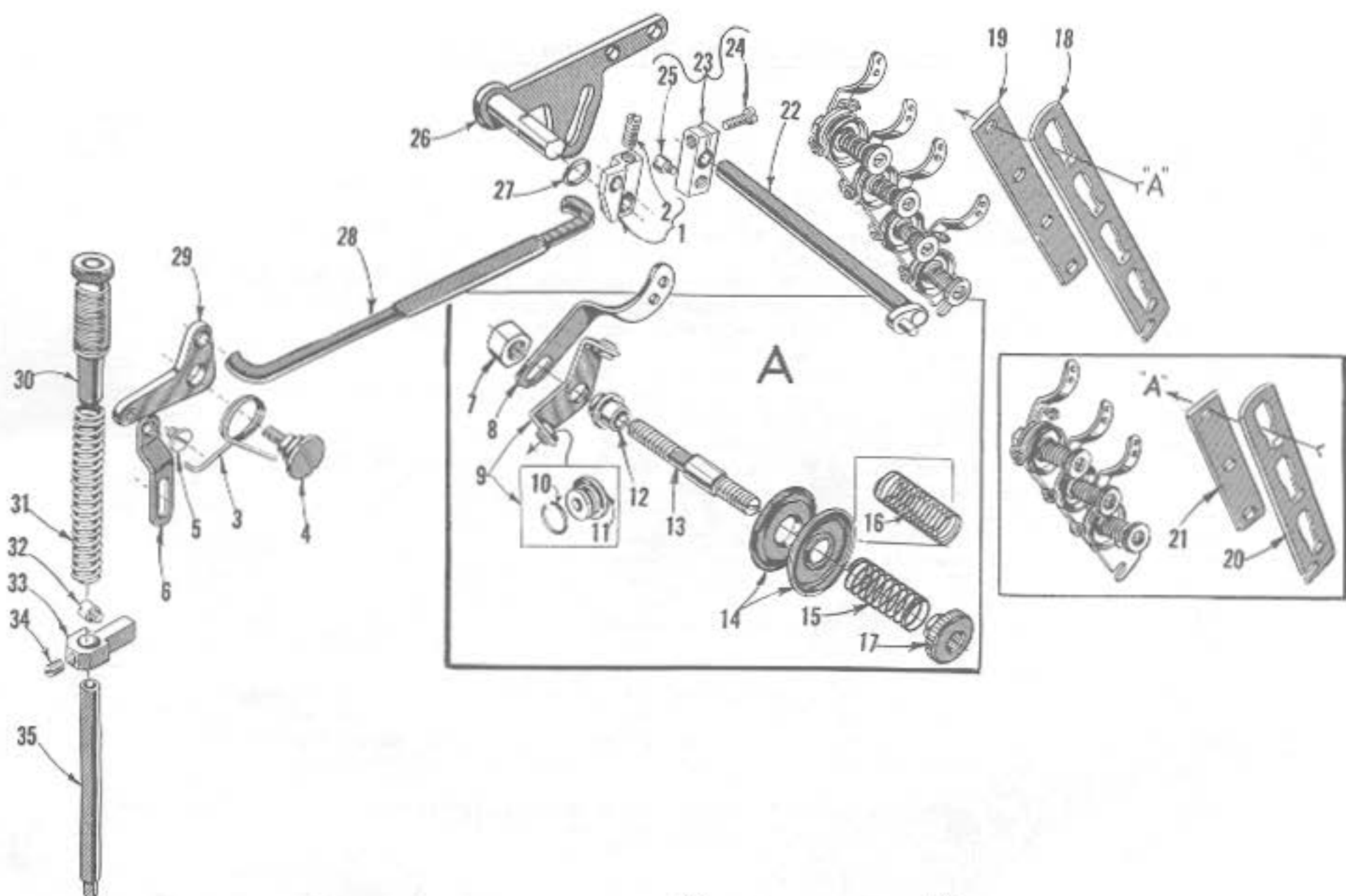
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	51235 P	Thumbscrew, for adjusting differential feed -----	1
2	258	Nut -----	1
3	51235 R	Ratchet Nut -----	1
4	51235 Q	Bracket -----	1
5	9663	Screw -----	1
6	51235 S	Ratchet Spring -----	1
7	28	Screw -----	2
8	51235 N	Differential Feed Adjusting Lever -----	1
9	303	Screw -----	1
10	12934 A	Nut -----	1
11	14077	Nut -----	1
12	51235 M	Segment Stop -----	1
13	51435 B	Control Lever Bushing -----	1
14	52835 K	Control Lever Spring -----	1
15	61267 G	Pin -----	1
16	77	Screw -----	1
17	52836 C	Feed Rocker Arm -----	1
18	482	Collar -----	2
19	98	Screw -----	1
20	51235 G	Washer -----	2
21	22519 C	Screw -----	2
22	8	Feed Rocker Shaft -----	1
23	22516	Screw -----	3
24	52836 H	Feed Rocker Segment Plate -----	1
25	57836 F-40	Sliding Block, marked "N", .2540 inch wide -----	1
-	57836 F-45	Sliding Block, marked "P", .2545 inch wide -----	1
-	57836 F-50	Sliding Block, marked "R", .2550 inch wide -----	1
26	52836	Feed Rocker -----	1
27	22894 P	Screw -----	2
28	51134 C	Feed Bar Shaft -----	1
29	39237 D	Differential Feed Bar Guide Plate -----	2
30	22593	Screw -----	4
31	22 KH	Screw -----	2
32		Main Feed Dog (See Pages 33, 35) -----	1
33	51235 G	Washer -----	1
34	22519 J	Screw -----	1
35	52825 B	Needle Guard, for Style 52700 BU -----	1
-	52825 F	Needle Guard, for Style 52700 BT -----	1
36	52825 A	Needle Guard -----	1
37	52925 D	Needle Guard Holder -----	1
38	52953	Main Feed Dog Holder -----	1
39	90	Screw -----	1
40		Differential Feed Dog (See Pages 33, 35) -----	1
41	52834 H	Differential Feed Bar -----	1
42	CL21	Oil Wick -----	1
43	77	Screw -----	1
44	39237	Differential Feed Bar Guide -----	1
45	22565 C	Screw -----	2
46	12934 A	Nut -----	2
47	52835 Q	Differential Feed Fork -----	1
48	22758 B	Screw -----	3
49	52835 G	Differential Feed Control Lever Link -----	1
50	52835 U	Pivot Stud Insert -----	1
51	719	Screw -----	1
52	51435	Differential Feed Control Lever, rear -----	1
53	22868 A	Screw -----	1
54	51225 W	Washer -----	2
55	52835 S	Differential Feed Fork Block -----	1
56	52835 V	Differential Feed Bar Driving Link -----	1
57	CL21	Oil Wick -----	1
58	907	Nut -----	1
59	52834	Main Feed Bar -----	1
60	22560 B	Screw -----	1
61	39237 G	Bushing -----	2
62	22747	Feed Dog Height Adjusting Screw -----	1



MAIN SHAFT AND KNIFE DRIVING PARTS

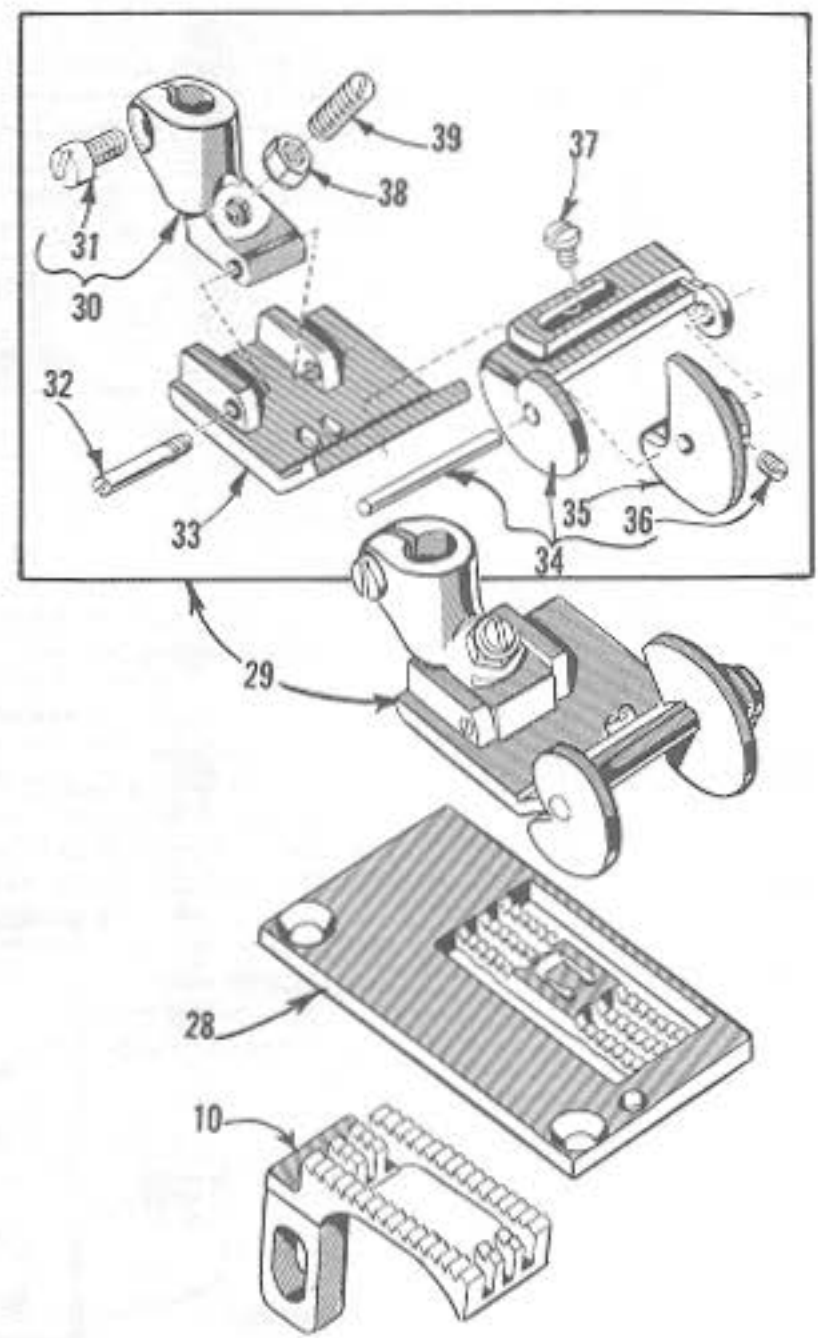
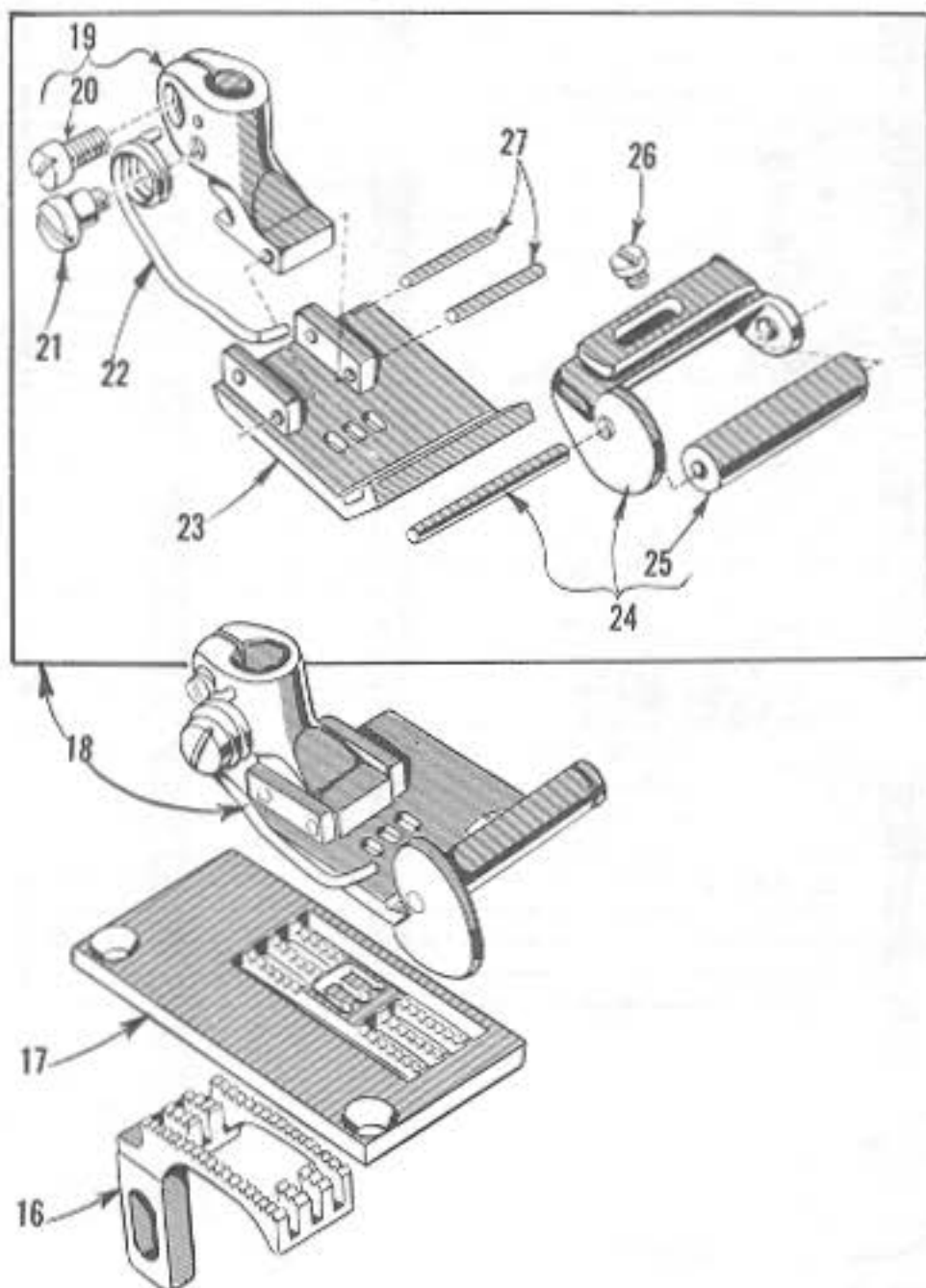
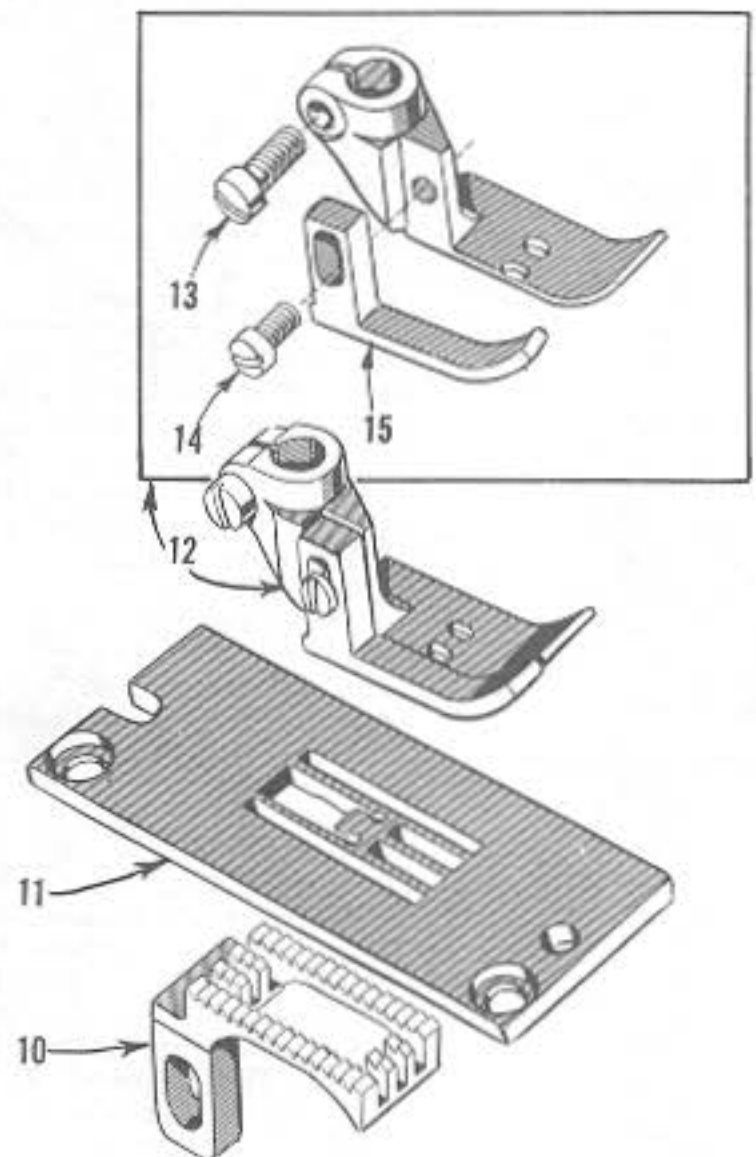
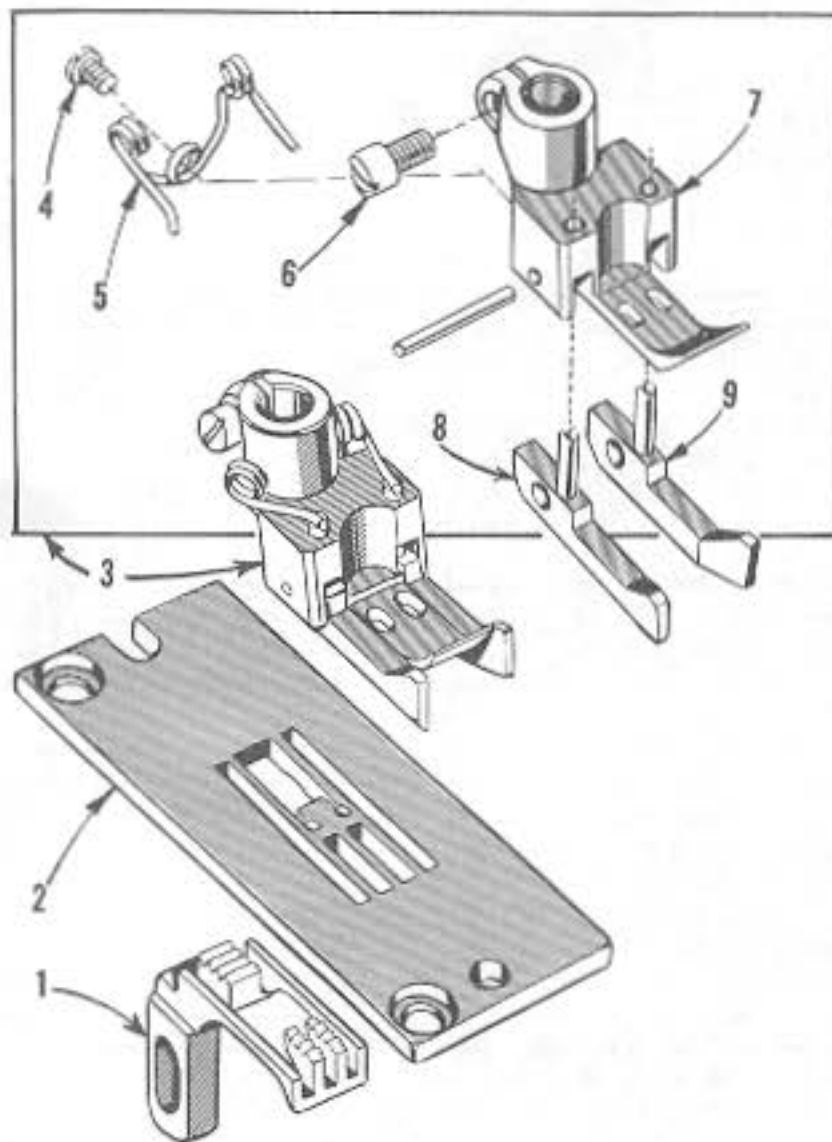
Ref. No.	Part No.	Description	Amt. Req.
1	52923 D	Take-up -----	1
2	22580 D	Screw -----	2
* 3	29476 JN	Looper Avoid Eccentric Assembly, for Styles 52700 BT, BU without improved trimming mechanism -----	1
*	29476 DV	Looper Avoid Eccentric Assembly, for Styles 52700 BL, BM, BN, BP, BR, BS, BV without improved trimming mechanism -----	1
	29476 DX	Looper Avoid Eccentric Assembly, for Style 52700 BK-----	1
4	51145 A	Eccentric Bearing -----	1
5	51406	Eccentric, .062 inch throw, for 29476 DV, JN-----	1
	51306	Eccentric, .072 inch throw, for 29476 DX-----	1
6	22894 T	Screw, for 29476 JN-----	1
	22894 D	Screw, for 29476 DV, DX -----	1
* 7	29132 AC	Knife Drive Eccentric Assembly, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
8	52774	Connecting Rod-----	1
9	52775	Eccentric, .160 inch throw -----	1
10	22894 C	Screw -----	1
11	29476 DV	Feed Lift Eccentric Assembly -----	1
12	51145 A	Eccentric Bearing -----	1
13	51406	Eccentric, .062 inch throw -----	1
14	22894 D	Screw -----	1
15	22801	Screw -----	1
*16	52722	Main Shaft, for Styles 52700 BR, BS, BV without improved trimming mechanism -----	1
-	52722 E	Main Shaft, for Styles 52700 BR, BS with improved trimming mechanism -----	1
* -	52722 B	Main Shaft, for Styles 52700 BT, BU without improved trimming mechanism -----	1
-	52722 D	Main Shaft, for Styles 52700 BT, BU with improved trimming mechanism-----	1
	52922 C	Main Shaft, for Styles 52700 BK, BL, BM, BN, BP -----	1
17	51236 E	Feed Crank Link Assembly -----	1
18	51236 F	Feed Crank Link Ferrule-----	1
19	51236 D	Feed Crank Link -----	1
20	660-169	Needle Bearing-----	1
21	269	Nut, left thread -----	1
22	20	Washer-----	1
23	51054	Feed Crank Link Pin-----	1
24	666-149	Oil Wick-----	1
25	51236 G	Feed Crank Stud-----	1
26	22795	Screw -----	1
27	51236 B	Feed Crank Stud Cap -----	1
28	22768	Screw -----	2
29	12987 A	Nut, for Styles 52700 BR, BS, BT, BU-----	2
30	52773 E	Knife Tension Spring, for Styles 52700 BR, BS, BT, BU-----	1
31	52773 C	Knife Rocker Shaft Bushing, for Styles 52700 BR, BS, BT, BU -----	1
*32	52773 D	Knife Rocker Stud, for Styles 52700 BR, BS, BT, BV without improved trimming mechanism -----	1
33	77	Screw -----	1
34	CL21	Oil Wick-----	1
*35	52770 L	Upper Knife, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
36	80265	Washer-----	1
*37	22588 A	Screw, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
38	51236 A	Link Pin-----	2
*39	52779	Chip Guard, upper, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
40	28	Screw -----	2
*41	52773	Knife Driving Lever, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
42	22560 B	Screw -----	2
*43	51054	Link Pin, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
44	666-149	Oil Wick-----	1
*45	52779 A	Chip Guard, lower, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
46	22829	Screw -----	2
*47	52773 A	Knife Bracket, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism -----	1
48	52773 B	Bushing -----	1
49	667 C-10	Dowel Pin -----	2
50	22852 A	Screw -----	2

* See Page 43 for comparable repair parts applicable to Styles 52700 BR, BS, BT, BU with improved trim-
ming mechanism.



NEEDLE BARS, NEEDLE HOLDERS, THREAD TENSION, AND LIFTER LEVER PARTS

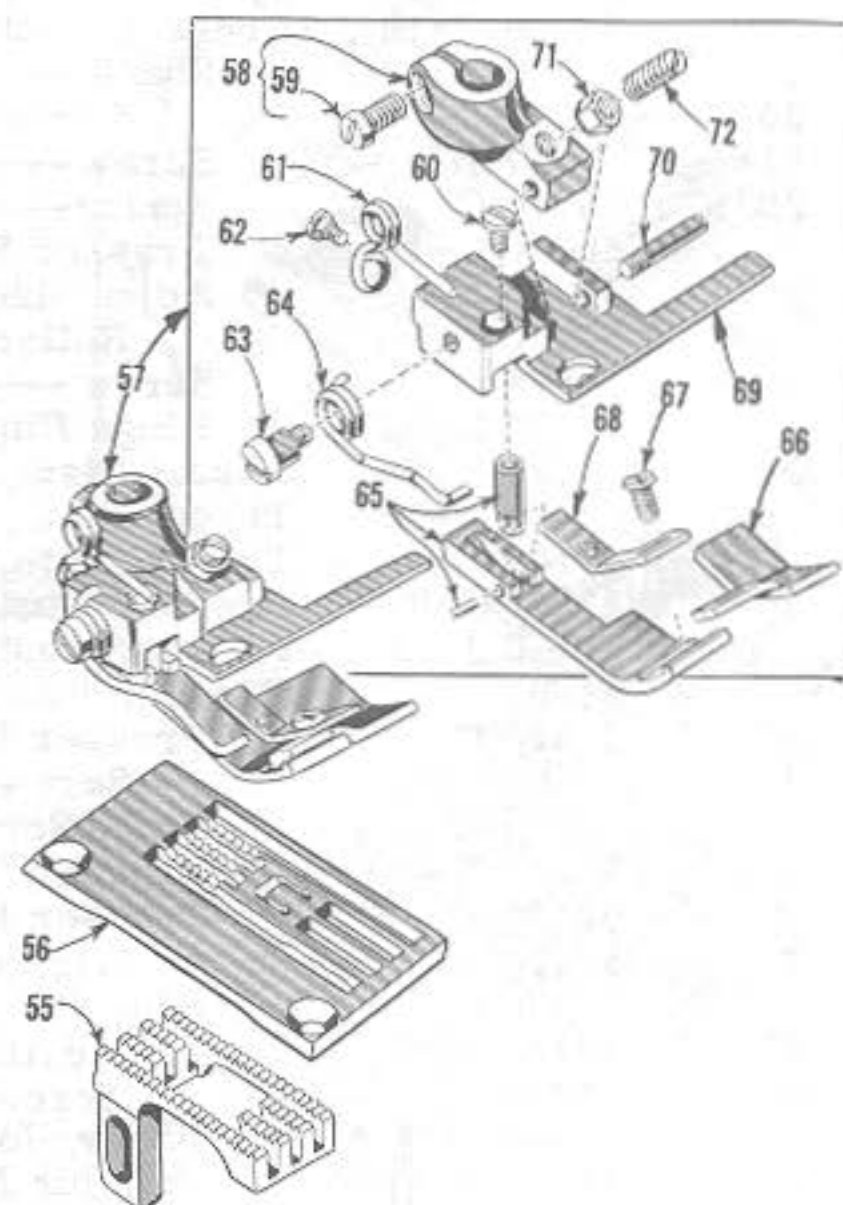
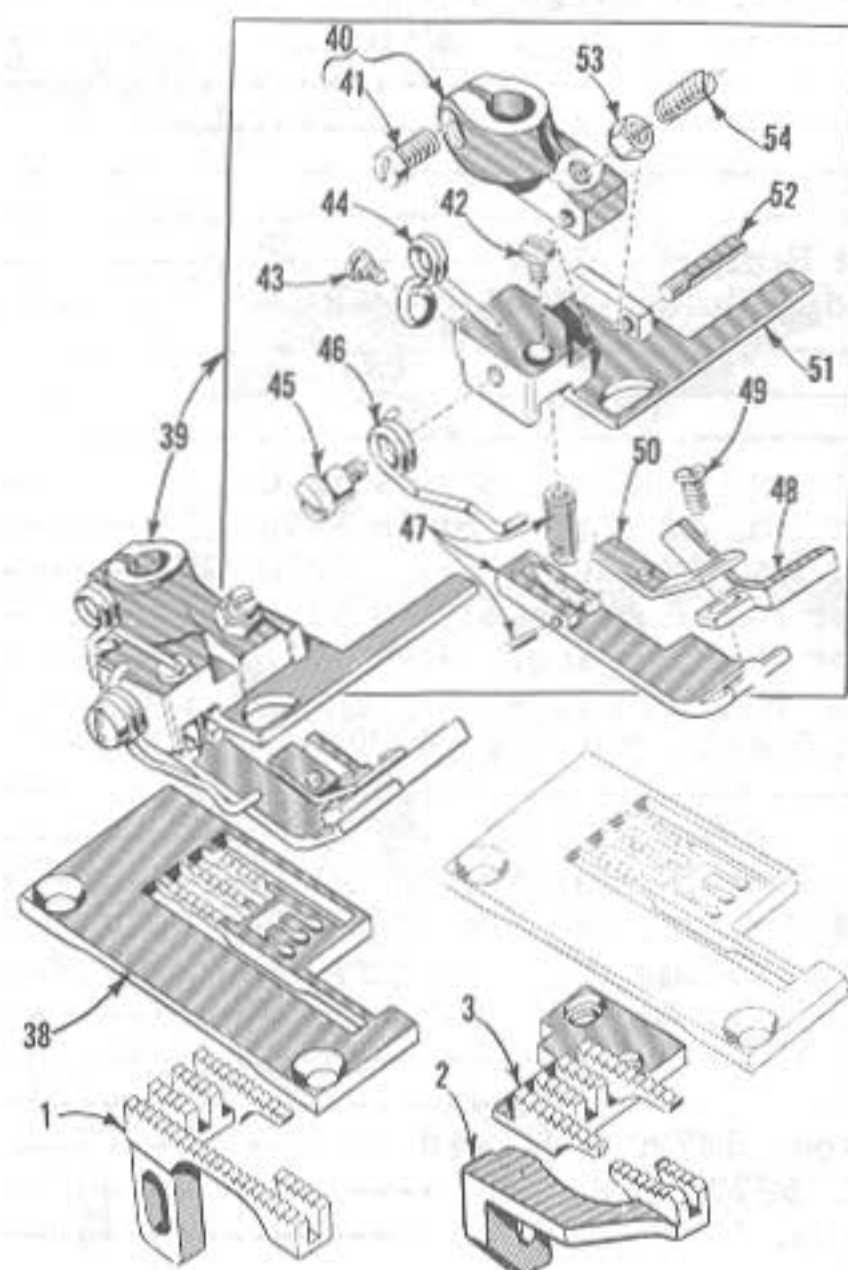
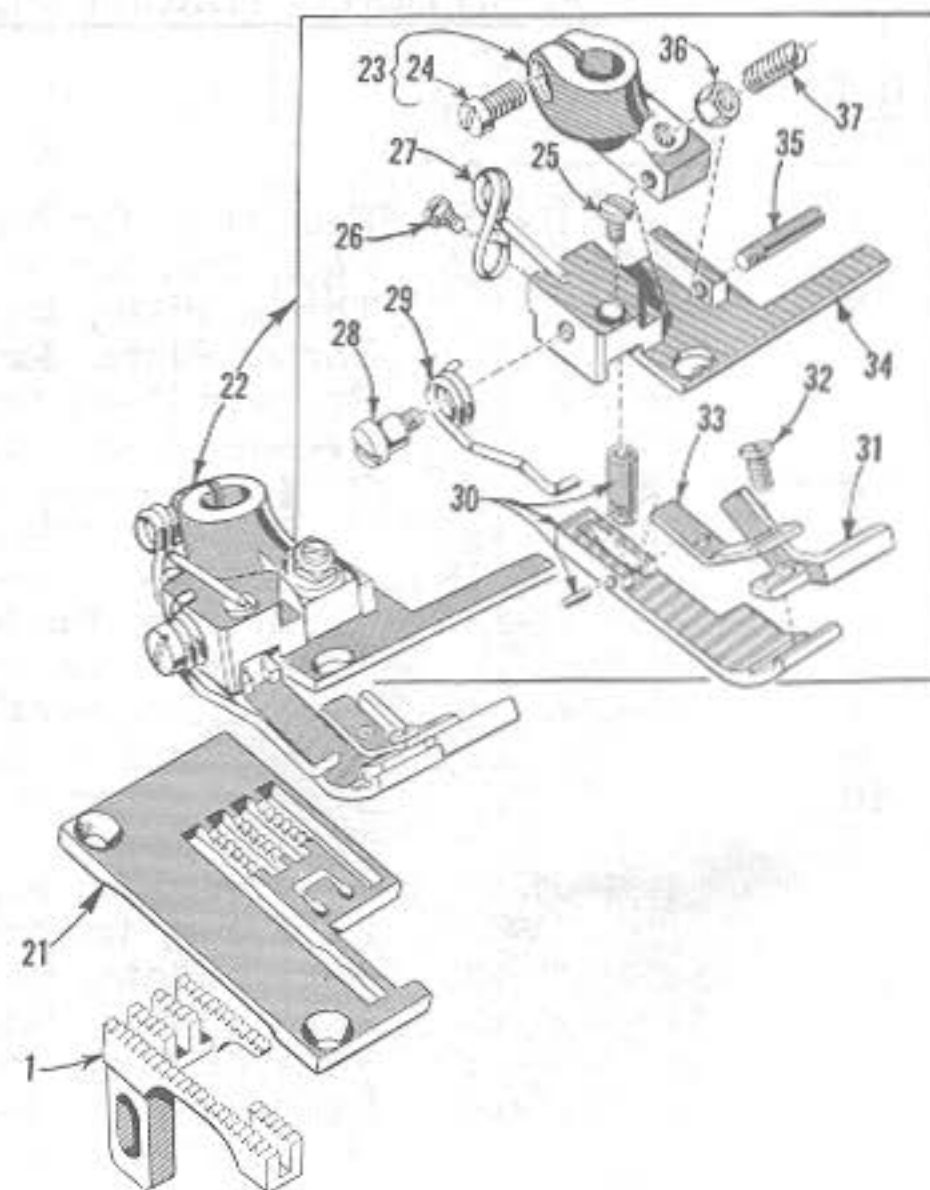
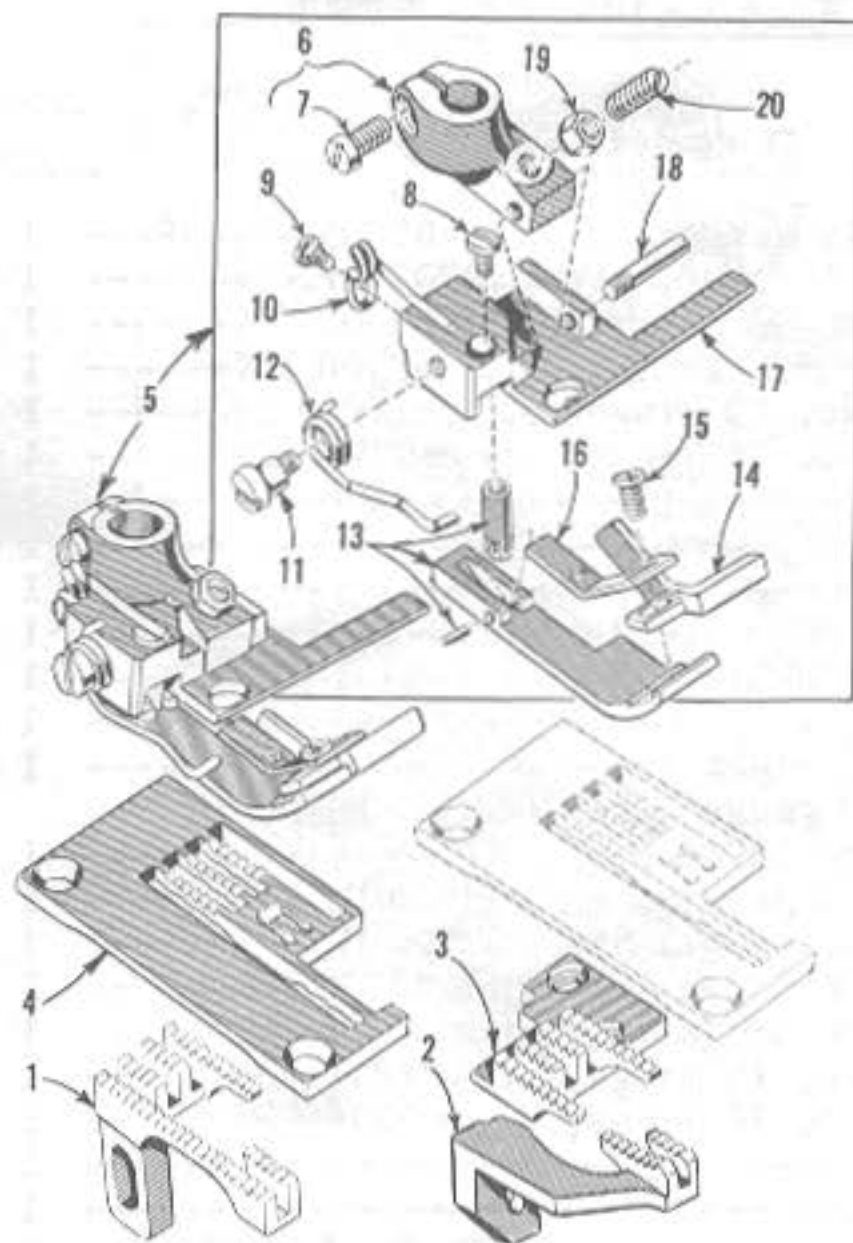
Ref. No.	Part No.	Description	Amt. Req.
1	53783 N	Presser Foot Lifter Lever, internal-----	1
2	22537	Screw-----	1
3	52883 S	Presser Foot Lifter Lever Bell Crank Spring-----	1
4	22557 B	Screw-----	1
5	22758 C	Screw-----	1
6	53783 A	Lifter Lever Link-----	1
7	43266	Nut, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	1
	43266	Nut, for Styles 52700 BM, BS, BU-----	2
8	51491 C	Thread Lead-in Guide, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	3
	51491 C	Thread Lead-in Guide, for Styles 52700 BM, BS, BU-----	4
9	51292 D	Tension Thread Eyelet, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	3
	51292 D	Tension Thread Eyelet, for Styles 52700 BM, BS, BU-----	4
10	668-28	Eyelet Locking Ring-----	1
11	668-25	Eyelet Insert-----	1
12	51292 A	Tension Post Ferrule, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	3
	51292 A	Tension Post Ferrule, for Styles 52700 BM, BS, BU-----	4
13	51292 G	Tension Post, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	3
	51292 G	Tension Post, for Styles 52700 BM, BS, BU-----	4
14	109	Tension Disc, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	6
	109	Tension Disc, for Styles 52700 BM, BS, BU-----	8
15	51292 F-5	Tension Spring, needle, for Styles 52700 BL, BN, BP, BR, BT, BV-----	2
	51292 F-8	Tension Spring, needle, for Styles 52700 BM, BS, BU-----	3
	51292 F-8	Tension Spring, needle, for Style 52700 BK-----	2
16	51292 F-1	Tension Spring, looper, for all Styles except 52700 BK, BM, BS, BU-----	1
	51292 F-2	Tension Spring, looper, for Styles 52700 BK, BM, BS, BU-----	1
17	51292 C	Tension Nut, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	3
	51292 C	Tension Nut, for Styles 52700 BM, BS, BU-----	4
18	21657-4	Tension Disc Separator, for Styles 52700 BM, BS, BU-----	1
19	56382 X	Tension Post Support, for Styles 52700 BM, BS, BU-----	1
20	21657-3	Tension Disc Separator, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	1
21	52892	Tension Post Support, for Styles 52700 BK, BL, BN, BP, BR, BT, BV-----	1
22	21657 W	Tension Release Lever Shaft-----	1
23	21657 Y	Tension Release Lever Connection-----	1
24	22596	Screw-----	1
25	402	Screw-----	1
26	51283 H	Presser Foot Lifter Lever-----	1
27	660-207	Oil Seal Ring-----	1
28	53783 M	Presser Foot Lifter Lever Connecting Rod-----	1
29	53783 L	Presser Foot Lifter Lever Crank-----	1
30	56356	Presser Spring Regulator-----	1
31	51256 C	Presser Bar Spring-----	1
32	402	Screw-----	1
33	51257 M	Presser Bar Connection and Guide-----	1
34	531	Screw-----	1
35	51257 K	Presser Bar-----	1
36	52717 E-12	Needle Bar, for 2 needle, No. 12 gauge, Styles 52700 BK, BL, BN, BR, BV-----	1
37	52817-16	Needle Bar, for 2 needle, No. 16 gauge, Styles 52700 BK, BL, BN-----	1
38	89	Screw-----	1
39	98	Screw, for Styles 52700 BL, BN-----	2
	95	Screw, for Style 52700 BK-----	2
40	52718-12	Needle Holder, for 2 needle, Nos. 12 and 16 gauge, Styles 52700 BK, BL, BN-----	1
41	29264 S-16	Needle Bar Assembly, for 3 needle, No. 16 gauge, Styles 52700 BM, BS, BU-----	1
42	52817-16	Needle Bar-----	1
43	52818-8	Needle Holder-----	1
44	89	Screw-----	1
45	88 B	Screw-----	2
46	28 B	Screw-----	1
47	52842 G	Thread Guide Wire-----	1
48	28 C	Screw-----	1
49	52817 E-8	Needle Bar, for 2 needle, No. 8 gauge, Style 52700 BN, BP, BR, BT-----	1
50	52818-8	Needle Holder, for 2 needle, No. 8 gauge, Styles 52700 BN, BP, BR, BT and 2 needle, No. 12 gauge, Styles 52700 BR, BV-----	1
51	89	Screw-----	1
52	88 B	Screw-----	2
53	28 B	Screw-----	1
54	52842 G	Thread Guide Wire-----	1

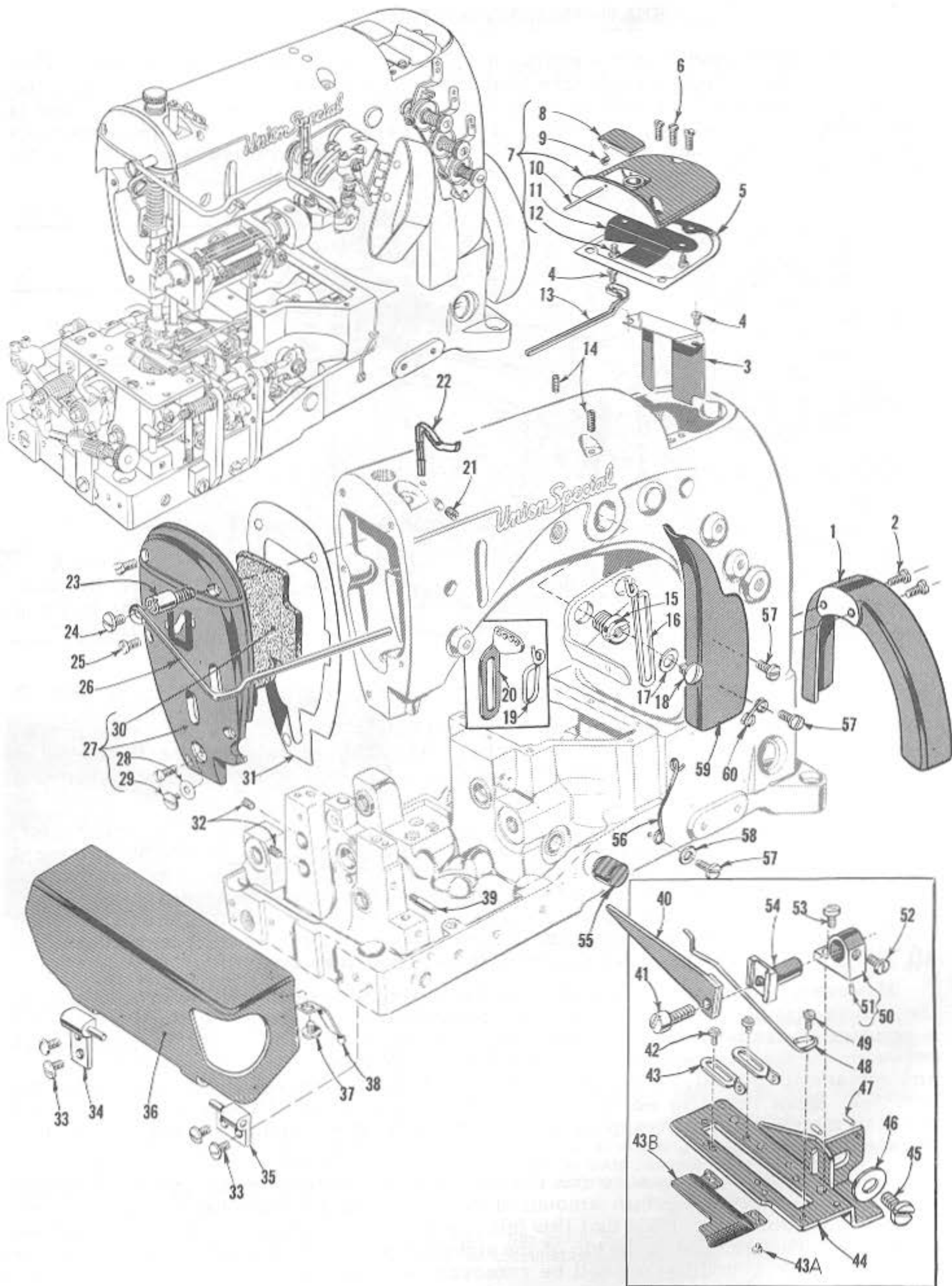


FEED DOGS, THROAT PLATES AND PRESSER FEET

Ref. No.	Part No.	Description	Amt. Req.
1	6905 H-12	Feed Dog, for No. 12 gauge, Style 52700 BK-----	1
	6905 H-16	Feed Dog, for No. 16 gauge, Style 52700 BK-----	1
2	52724 A-12	Throat Plate, for No. 12 gauge, Style 52700 BK-----	1
	52724 A-16	Throat Plate, for No. 16 gauge, Style 52700 BK-----	1
3	6920 A-12	Presser Foot, for No. 12 gauge, Style 52700 BK-----	1
	6920 A-16	Presser Foot, for No. 16 gauge, Style 52700 BK-----	1
4	605	Screw-----	1
5	11940	Spring, for yielding section-----	1
6	91	Screw-----	1
7	6930 A-12	Bottom, for No. 6920 A-12-----	1
	6930 A-16	Bottom, for No. 6920 A-16-----	1
8	6942 A	Yielding Section, left-----	1
9	6941 A	Yielding Section, right-----	1
10	7205 A	Feed Dog, for No. 8 gauge, Styles 52700 BN, BP, No. 12 gauge, Styles 52700 BL, BN-----	1
	22 JE	Feed Dog, for No. 16 gauge, Style 52700 BL-----	1
	22 JW	Feed Dog, for No. 16 gauge, Style 52700 BN-----	1
11	52724 B-12	Throat Plate, for No. 12 gauge, Style 52700 BL-----	1
	52724 B-16	Throat Plate, for No. 16 gauge, Style 52700 BL-----	1
12	52720 B-12	Presser Foot, for No. 12 gauge, Style 52700 BL-----	1
	52720 B-16	Presser Foot, for No. 16 gauge, Style 52700 BL-----	1
13	91	Screw-----	1
14	22593	Screw-----	1
15	52730 B	Adjustable Section, for Nos. 52720 B-12, -16----	1
16	52705 G	Feed Dog, for No. 16 gauge, Style 52700 BM-----	1
17	52724 G-16	Throat Plate, for No. 16 gauge, Style 52700 BM-----	1
18	52720 G-16	Presser Foot, for No. 16 gauge, Style 52700 BM-----	1
19	52730	Shank-----	1
20	91	Screw-----	1
21	57 WD	Screw-----	1
22	15480 C	Spring-----	1
23	52730 G-16	Presser Foot Bottom-----	1
24	52730 A	Adjustable Edge Guide-----	1
25	52730 C	Roller-----	1
26	604	Screw-----	1
27	52730 X-531	Hinge Pin-----	2
28	52724 H-8	Throat Plate, for No. 8 gauge, Styles 52700 BN, BP--	1
	52724 H-12	Throat Plate, for No. 12 gauge, Style 52700 BN-----	1
*	112 DW	Throat Plate, for No. 16 gauge, Style 52700 BN-----	1
29	52720 J-8	Presser Foot, for No. 8 gauge, Styles 52700 BN, BP--	1
	52720 J-12	Presser Foot, for No. 12 gauge, Style 52700 BN-----	1
*	K51893	Presser Foot, for No. 16 gauge, Style 52700 BN-----	1
30	51430 D	Presser Foot Shank, for Nos. 52720 J-8, -12----	1
31	91	Screw-----	1
32	22799 B	Hinge Screw, for Nos. 52720 J-8, -12-----	1
33	52730 U-8	Presser Foot Bottom, for No. 52720 J-8-----	1
	52730 U-12	Presser Foot Bottom, for No. 52720 J-12-----	1
34	52730 W	Adjustable Edge Guide, for Nos. 52720 J-8, -12---	1
	52730 C	Edge Guide Roller, for No. K51893-----	1
35	52730 V	Auxiliary Edge Guide-----	1
36	1096	Screw-----	1
37	604	Screw, for Nos. 52720 J-8, -12-----	1
38	51430 F	Nut, for Nos. 52720 J-8, -12-----	1
39	22840 A	Screw, for Nos. 52720 J-8, -12-----	1

* Not Illustrated

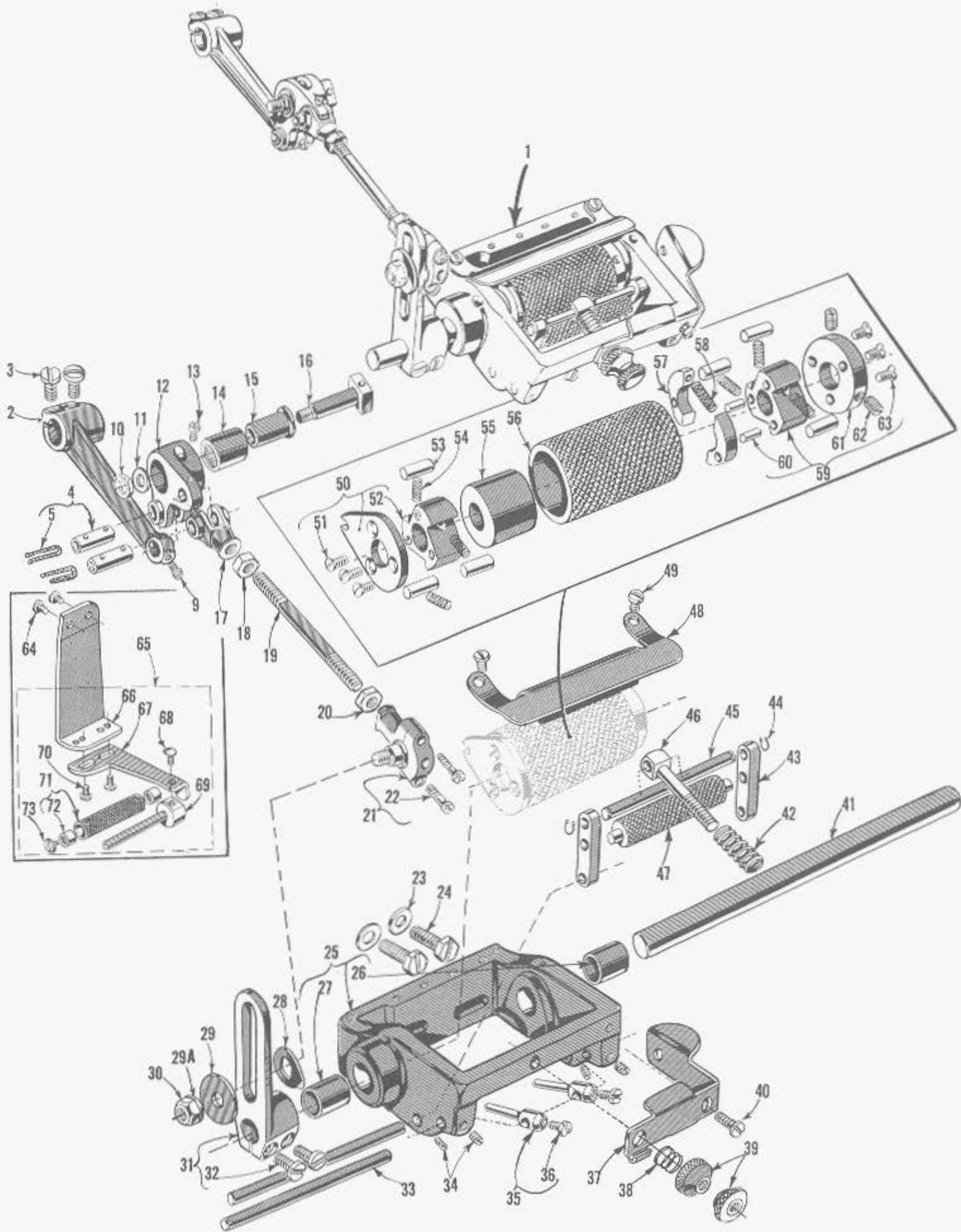




FEED DOGS, THROAT PLATES AND PRESSER FEET

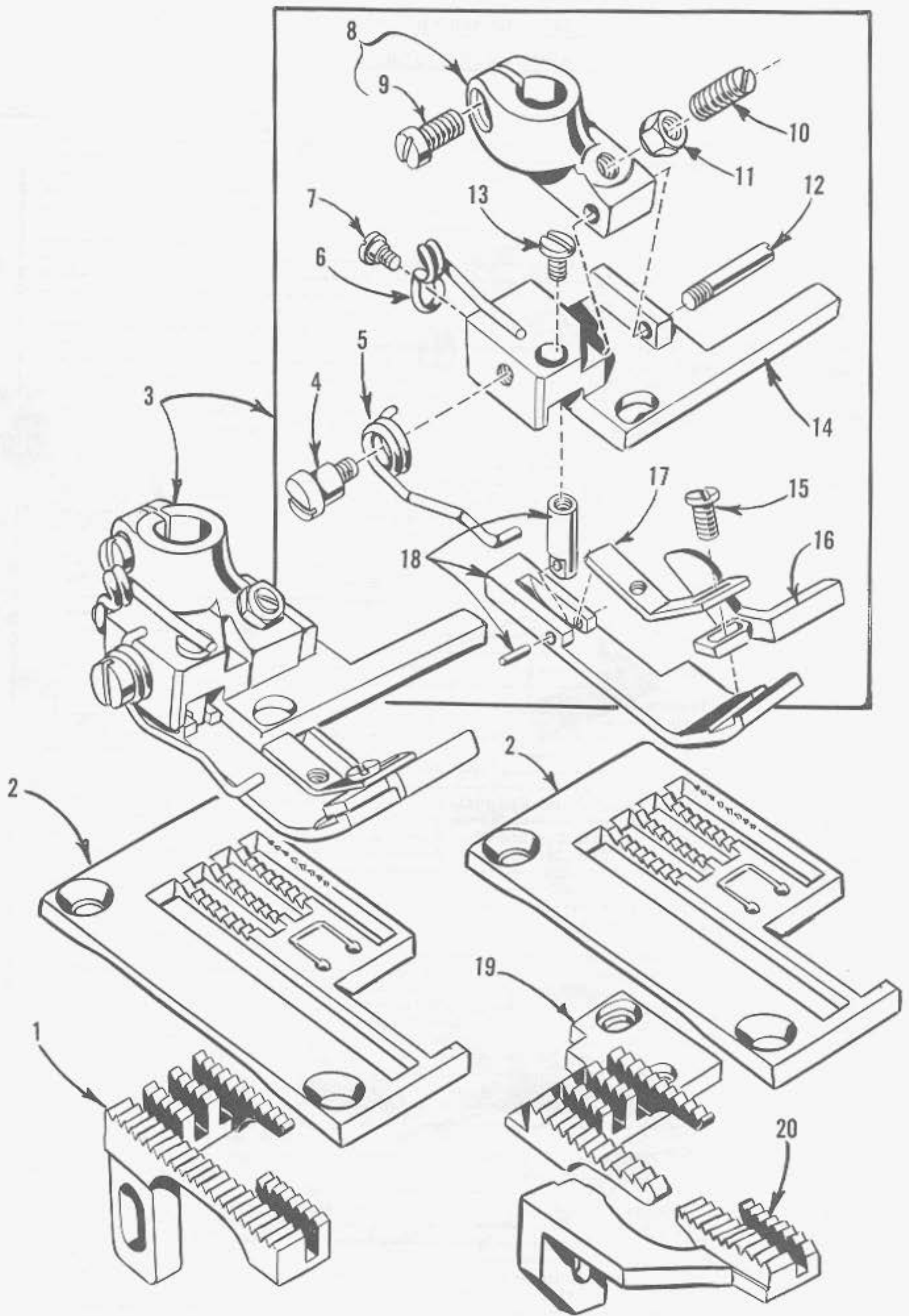
Ref. No.	Part No.	Description	Amt. Req.
* 1	52705 C-16	Feed Dog, for Nos. 8, 12 gauges Style 52700 BR and No. 16 gauge Style 52700 BS----	1
* 2	52726	Differential Feed Dog, for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU-----	1
* 3	52705 E	Main Feed Dog, for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU ----	1
* 4	52724 D-8	Throat Plate, for No. 8 gauge Styles 52700 BR, BT-----	1
* 5	52720 D-8	Presser Foot, for No. 8 gauge Styles 52700 BR, BT-----	1
6	52730 T	Presser Foot Shank -----	1
7	91	Screw-----	1
8	73 A	Screw-----	1
9	605	Screw-----	1
10	52730 AB	Torsion Spring-----	1
11	57 WD	Screw-----	1
12	52730 Y	Spring-----	1
13	52730 P	Presser Foot Yielding Section -----	1
14	52730 R	Presser Foot Chip Guard-----	1
15	605 A	Screw-----	1
16	52730 AE	Presser Foot Tape Guide-----	1
17	52730 D-8	Presser Foot Bottom -----	1
18	22799 B	Hinge Pin -----	1
19	51430 F	Nut -----	1
20	22840 A	Screw-----	1
*21	52724 D-12	Throat Plate, for No. 12 gauge Style 52700 BR -----	1
*22	52720 K-12	Presser Foot, for No. 12 gauge Style 52700 BR-----	1
23	52730 T	Presser Foot Shank -----	1
24	91	Screw-----	1
25	73 A	Screw-----	1
26	605	Screw-----	1
27	52730 AB	Torsion Spring-----	1
28	57 WD	Screw-----	1
29	51230 T	Spring-----	1
30	52730 P	Presser Foot Yielding Section -----	1
31	52730 R	Presser Foot Chip Guard -----	1
32	605 A	Screw-----	1
33	52730 AE	Presser Foot Tape Guide -----	1
34	52730 Z	Presser Foot Bottom -----	1
35	22799 B	Hinge Pin -----	1
36	51430 F	Nut -----	1
37	22840 A	Screw-----	1
*38	52724 C-16	Throat Plate, for No. 16 gauge Styles 52700 BS, BU (for 12 to 16 S. P. I.) -----	1
* -	52728 C-16	Throat Plate, for No. 16 gauge Styles 52700 BS, BU (for 9 to 11 S. P. I.) -----	1
*39	52720 C-16	Presser Foot, for No. 16 gauge Styles 52700 BS, BU -----	1
40	52730 T	Presser Foot Shank -----	1
41	91	Screw-----	1
42	73 A	Screw-----	1
43	605	Screw-----	1
44	52730 AB	Torsion Spring-----	1
45	57 WD	Screw-----	1
46	52730 Y	Spring-----	1
47	52730 P	Presser Foot Yielding Section -----	1
48	52730 R	Presser Foot Chip Guard-----	1
49	605 A	Screw-----	1
50	52730 AE	Presser Foot Tape Guide-----	1
51	52730 E-16	Presser Foot Bottom -----	1
52	22799 B	Hinge Pin -----	1
53	51430 F	Nut -----	1
54	22840 A	Screw-----	1
55	52705 J-12	Feed Dog, for No. 12 gauge, Style 52700 BV -----	1
56	52724 J-12	Throat Plate, for No. 12 gauge Style 52700 BV -----	1
57	52720 L-12	Presser Foot, for No. 12 gauge Style 52700 BV -----	1
58	52730 T	Presser Foot Shank -----	1
59	91	Screw-----	1
60	73 A	Screw-----	1
61	52730 AB	Spring-----	1
62	605	Screw-----	1
63	57 WD	Screw-----	1
64	51230 T	Spring-----	1
65	52730 P	Presser Foot Yielding Section -----	1
66	52730 AA	Auxiliary Toe-----	1
67	605 A	Screw-----	1
68	52730 AE	Presser Foot Tape Guide -----	1
69	52730 Z	Presser Foot Bottom -----	1
70	22799 B	Hinge Pin -----	1
71	51430 F	Nut -----	1
72	22840 A	Screw-----	1

* Sewing parts are applicable to Machine Styles as indicated, without improved trimming mechanism. Comparable sewing parts applicable to specified Machine Styles with improved trimming mechanism are listed on Pages 39 and 41.



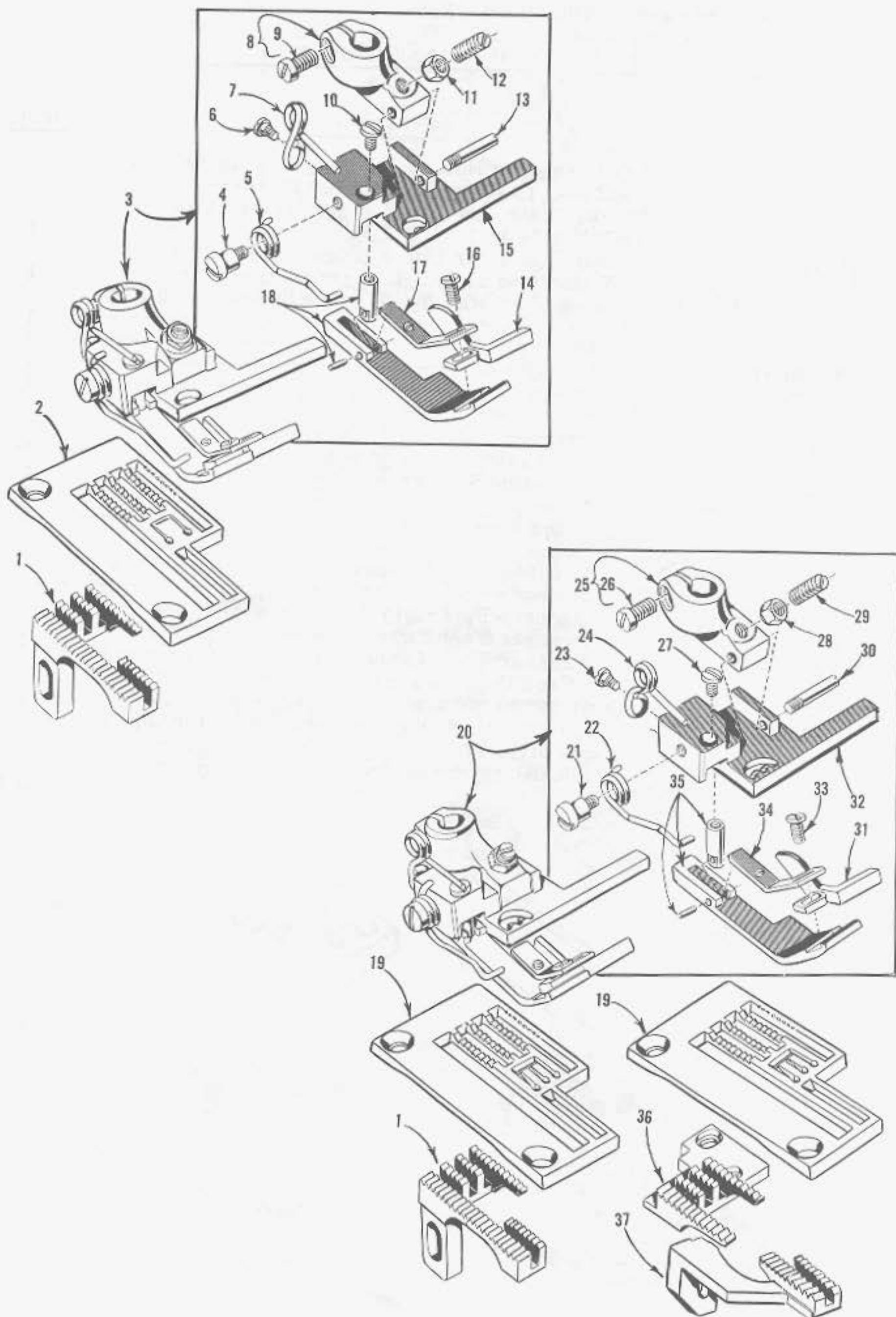
FOR STYLE 52700 BP ONLY
ELASTIC METERING DEVICE

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	29486 F	Elastic Metering Device, complete -----	1
2	51235 A	Feed Rocker Arm -----	1
3	93	Screw -----	2
4	51054	Link Pin -----	2
9	77	Screw -----	1
10	269	Nut -----	1
11	20	Washer -----	1
12	52736	Feed Crank Link -----	1
13	77	Screw -----	1
14	660-169	Needle Bearing -----	1
15	51236 F	Feed Crank Link Ferrule -----	1
16	51236 G	Feed Crank Stud -----	1
17	52776 F	Connecting Rod Link -----	1
18	12538	Nut -----	1
19	39141	Connecting Rod -----	1
20	269	Nut -----	1
21	52776 C	Ball Joint -----	1
22	97 A	Cap Screw -----	2
23	21657 E	Washer -----	2
24	627 A	Screw -----	2
25	52776	Frame -----	1
26	80692	Bushing, right -----	1
27	80662	Bushing, left -----	1
28	52776 E	Indicator Washer -----	1
29	39258 C	Washer -----	1
29A	20	Washer -----	1
30	18	Nut -----	1
31	52776 B	Driving Arm -----	1
32	93	Screw -----	2
33	52778 B	Pivot Shaft -----	2
34	22565 C	Screw -----	4
35	52778 D	Guide -----	2
36	22562	Screw -----	2
37	52778 L	Tension Release Lever -----	1
38	52778 M	Spring -----	1
39	434	Adjusting Nut -----	2
40	22594	Screw -----	1
41	52776 A	Shaft -----	1
42	52778 J	Spring -----	1
43	52778 G	Strip Tension Roller End Plate -----	2
44	660-228	Retaining Ring -----	2
45	52778 H	Strip Tension Roller End Plate Shaft, upper -----	1
46	52778 K	Strip Tension Roller Spring Stud -----	1
47	52778 F	Strip Tension Roller -----	1
48	52777 K	Feed Roller Guard -----	1
49	90	Screw -----	2
50	52777 H	Check Clutch Arm -----	1
51	22589	Screw -----	3
52	52777 J	Check Clutch -----	1
53	52777 C	Clutch Roller -----	6
54	52777 D	Roller Clutch Spring -----	6
55	52777 G	Spacing Collar -----	1
56	52777	Feed Roller -----	1
57	52777 E	Brake Shoe -----	2
58	52777 F	Brake Shoe Spring -----	1
59	52777 A	Driving Clutch -----	1
60	51280 J	Dowel Pin -----	2
61	52777 B	Clutch Driving Collar -----	1
62	531	Screw -----	2
63	22589	Screw -----	3
64	22848	Screw -----	2
65	23307 J	Elastic Guide Roller and Bracket Assembly -----	1
66	23307 N	Bracket -----	1
67	23307 M	Guide Roller Shaft Arm -----	1
68	22848	Screw -----	1
69	23307 L	Elastic Guide Roller Shaft -----	1
70	22848	Screw -----	2
71	23307 K	Elastic Guide Roller -----	1
72	660-274	Needle Bearing -----	2
73	22542	Screw -----	1



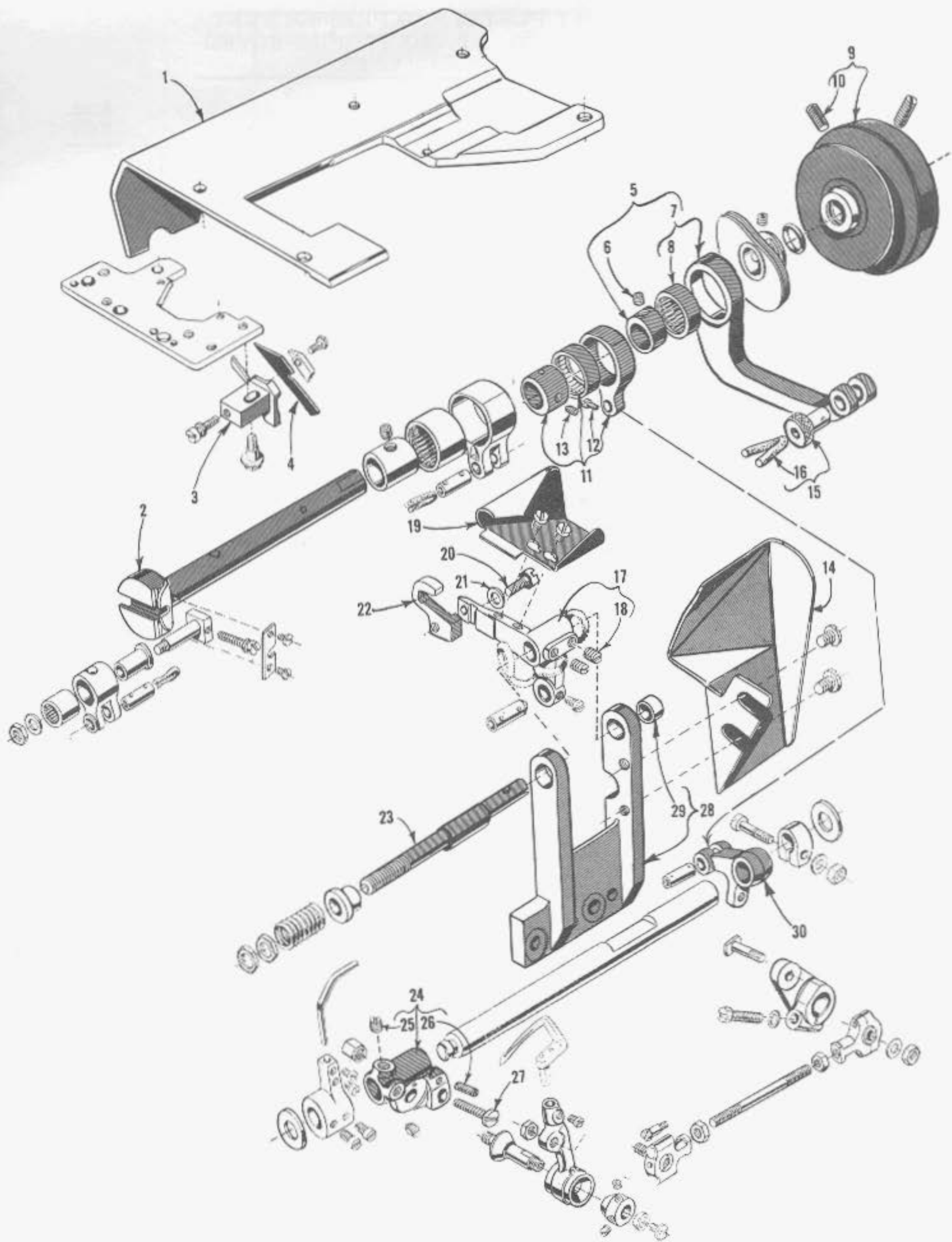
FEED DOGS, THROAT PLATES AND PRESSER FEET
FOR STYLES 52700 BR, BS, BT, BU WITH IMPROVED
TRIMMING MECHANISM ONLY

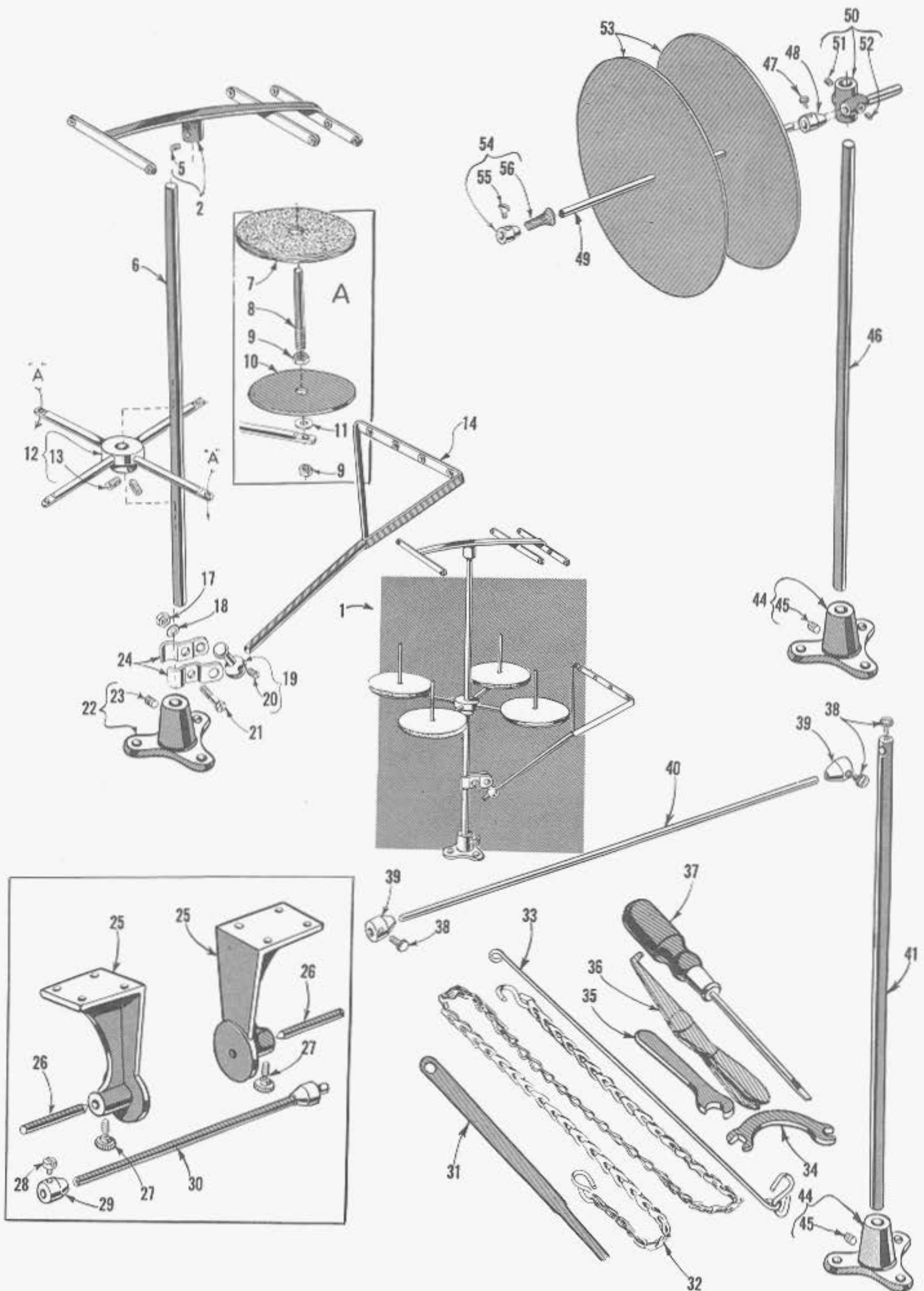
Ref. No.	Part No.	Description	Amt. Req.
1	52705 N	Feed Dog, for Nos. 8, 12 gauges Style 52700 BR and No. 16 gauge Style 52700 BS-----	1
2	52724 N-8	Throat Plate, for No. 8 gauge Styles 52700 BR, BT (for 12 to 16 S. P. I.) -----	1
	52728 N-8	Throat Plate, for No. 8 gauge Styles 52700 BR, BT (for 9 to 11 S. P. I.) -----	1
3	52720 M-8	Presser Foot, for No. 8 gauge Styles 52700 BR, BT -----	1
4	57 WD	Screw -----	1
5	52730 Y	Spring-----	1
6	52730 AB	Spring-----	1
7	605	Screw -----	1
8	52730 T	Presser Foot Shank-----	1
9	91	Clamp Screw-----	1
10	22840 A	Adjusting Screw -----	1
11	51430 F	Nut -----	1
12	22799 B	Hinge Screw -----	1
13	73 A	Screw -----	1
14	52730 AC-8	Presser Foot Bottom -----	1
15	605 A	Screw -----	1
16	52730 AD	Presser Foot Chip Guard, marked "C" -----	1
17	52730 AE	Presser Foot Tape Guide -----	1
18	52730 AF	Presser Foot Yielding Section -----	1
19	52705 M	Main Feed Dog, marked "CX", for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU--	1
20	52726 C	Differential Feed Dog, marked "DD", for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU -----	1



FEED DOGS, THROAT PLATES AND PRESSER FEET
FOR STYLES 52700 BR, BS, BT, BU WITH IMPROVED
TRIMMING MECHANISM ONLY

Ref. No.	Part No.	Description	Amt. Req.
1	52705 N	Feed Dog, for Nos. 8, 12 gauges Style 52700 BR and No. 16 gauge Style 52700 BS -----	1
2	52724 N-12	Throat Plate, for No. 12 gauge Style 52700 BR (for 12 to 16 S. P. I.) -----	1
	52728 N-12	Throat Plate, for No. 12 gauge Style 52700 BR (for 9 to 11 S. P. I.) -----	1
3	52720 M-12	Presser Foot, for No. 12 gauge Style 52700 BR----	1
4	57 WD	Screw -----	1
5	51230 T	Spring -----	1
6	605	Screw -----	1
7	52730 AB	Spring -----	1
8	52730 T	Presser Foot Shank -----	1
9	91	Clamp Screw -----	1
10	73 A	Screw -----	1
11	51430 F	Nut -----	1
12	22840 A	Adjusting Screw -----	1
13	22799 B	Hinge Screw -----	1
14	52730 AD	Presser Foot Chip Guard, marked "C" -----	1
15	52730 AC-12	Presser Foot Bottom -----	1
16	605 A	Screw -----	1
17	52730 AE	Presser Foot Tape Guide -----	1
18	52730 AF	Presser Foot Yielding Section -----	1
19	52724 M-16	Throat Plate, for No. 16 gauge Styles 52700 BS, BU (for 12 to 16 S. P. I.) -----	1
	52728 M-16	Throat Plate, for No. 16 gauge Styles 52700 BS, BU (for 9 to 11 S. P. I.) -----	1
20	52720 M-16	Presser Foot, for No. 16 gauge Styles 52700 BS, BU -----	1
21	57 WD	Screw -----	1
22	52730 Y	Spring -----	1
23	605	Screw -----	1
24	52730 AB	Spring -----	1
25	52730 T	Presser Foot Shank -----	1
26	91	Clamp Screw -----	1
27	73 A	Screw -----	1
28	51430 F	Nut -----	1
29	22840 A	Adjusting Screw -----	1
30	22799 B	Hinge Screw -----	1
31	52730 AD	Presser Foot Chip Guard, marked "C" -----	1
32	52730 AC-16	Presser Foot Bottom -----	1
33	605 A	Screw -----	1
34	52730 AE	Presser Foot Tape Guide -----	1
35	52730 AF	Presser Foot Yielding Section -----	1
36	52705 M	Main Feed Dog, marked "CX", for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU--	1
37	52726 C	Differential Feed Dog, marked "DD", for No. 8 gauge Style 52700 BT and No. 16 gauge Style 52700 BU -----	1





THREAD STAND, TAPE REEL PARTS AND ACCESSORIES

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	21101 H-4	Thread Stand, complete-----	1
2	21114 H-4	Eyelet Support -----	1
5	22651 CD-4	Screw-----	1
6	21104 B-24	Thread Stand Rod -----	1
7	21104 V	Pad-----	4
8	21114 W	Spool Pin-----	4
9	258 A	Nut -----	8
10	21114	Spool Seat Disc -----	4
11	652-16	Washer -----	4
12	21114 D-4	Spool Seat Support -----	1
13	22651 CD-5	Screw-----	2
14	21114 S-4	Lead Eyelet -----	1
17	21104 H	Nut -----	1
18	652-16	Washer -----	1
19	21114 T	Lead Eyelet Socket Ball -----	1
20	22651 CD-4	Screw-----	1
21	22810	Screw-----	1
22	21114 A	Thread Stand Base -----	1
23	22651 CD-4	Screw-----	1
24	21114 U	Lead Eyelet Ball Split Socket -----	2
25	201 A	Lower Tape Holder Frame, for Style 52700 BP-----	2
26	751	Spool Support Frame Pin, for Style 52700 BP -----	2
27	201 C	Screw, for Style 52700 BP -----	2
28	188 D	Screw, for Style 52700 BP -----	1
29	753	Axle Cone, for Style 52700 BP-----	1
30	752	Spool Support Rod, for Style 52700 BP-----	1
31	23279 D	Folder Threader, for Styles 52700 BR, BS, BT, BU, BV ---	1
32	421 D-28	Treadle Chain -----	1
33	51493 BC	Lifter Link -----	1
34	21388 W	Wrench, curved double end, 9/32 inch opening, for Styles 52700 BR, BS, BT, BU, BV -----	1
35	21388	Wrench, single end, 3/8 inch opening -----	1
36	660-240	Thread Tweezers -----	1
37	21201	Screw Driver, 9/64 inch round blade, length over-all 7 5/8 inches -----	1
38	188 D	Thumbscrew, for Styles 52700 BR, BS, BT, BU, BV ----	3
39	753	Cone, for Styles 52700 BR, BS, BT, BU, BV -----	2
40	21102 B	Tape Reel Rod, for Styles 52700 BR, BS, BT, BU, BV---	1
41	21216	Tape Reel Support Rod, for Styles 52700 BR, BS, BT, BU, BV-----	1
44	21114 A	Tape Holder Base, for Styles 52700 BM, BN, BR, BS, BT, BU, BV-----	1
45	22651 CD-4	Screw-----	1
46	21104 B-20	Tape Reel Support Rod, for Styles 52700 BM, BN -----	1
47	188 D	Screw, for Styles 52700 BM, BN-----	1
48	753	Axle Cone, for Styles 52700 BM, BN-----	1
49	21102 B	Tape Reel Rod, for Styles 52700 BM, BN-----	1
50	21217 A	Rod Support, for Styles 52700 BM, BN -----	1
51	22651 CD-4	Screw-----	1
52	22650 CB-4	Screw-----	1
53	21178 A	Tape Holder Disc, for Styles 52700 BM, BN -----	2
54	21177 A	Tape Reel Collar, for Styles 52700 BM, BN-----	1
55	22647 K-24	Screw-----	1
56	1349 A-5	Spring -----	1

MAIN FRAME, CAST-OFF PLATE, MISCELLANEOUS COVERS AND PLATES

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	B21375 AH	Belt Guard -----	1
2	93	Screw -----	2
3	52882 Y	Baffle Plate -----	1
4	90	Screw -----	2
5	52882 P	Gasket -----	1
6	22541 B	Screw -----	3
7	52882 AD	Chamber Cover -----	1
8	39582 L	Oil Cap -----	1
9	52882 AC	Oil Cap Torsion Spring -----	1
10	50-789 Blk.	Oil Cap Hinge Pin -----	1
11	52882 AA	Oil Drip Plate -----	1
12	90	Screw -----	2
13	51282 AE	Needle Lever Bearing Oiler -----	1
14	719	Screw, for Nos. 51150 and 51250 E, for Styles 52700 BK, BL, BM, BN, BP -----	2
15	22889 A	Adapter Plug Screw -----	1
16	539	Needle Thread Eyelet, for Styles 52700 BR, BT, BV -----	1
-	539	Needle Thread Eyelet, for Styles 52700 BS, BU -----	2
17	20	Washer -----	1
18	22848	Screw -----	1
19	51758	Needle Thread Eyelet, for Styles 52700 BK, BL, BN, BP -----	1
20	51858	Needle Thread Eyelet, for Style 52700 BM -----	1
21	95	Screw -----	1
22	52970 T	Take-up Wire, for Styles 52700 BK, BL, BN, BP -----	1
-	57770	Take-up Wire, for Styles 52700 BR, BS, BT, BU, BV -----	1
23	52782 C	Stud, for Styles 52700 BR, BS, BT, BU, BV -----	1
24	22581	Screw, for Styles 52700 BR, BS, BT, BU, BV -----	1
25	22569 B	Screw, for Styles 52700 BR, BS, BT, BU, BV -----	3
26	52778 X	Tape Lead-in Wire, for Styles 52700 BR, BS, BT, BU, BV -----	1
27	52782 D	Head Cover, for Styles 52700 BR, BS, BT, BU, BV -----	1
28	52882 W	Gasket -----	1
29	22542	Screw -----	1
30	51282 AC	Felt Liner -----	1
31	51282 Z	Head Cover Gasket, for Styles 52700 BR, BS, BT, BU, BV -----	1
32	22597	Screw, for Nos. 51435 B and 52835 U, for Styles 52700 BT, BU -----	2
33	22848	Screw -----	4
34	57885 B	Hinge Bracket, rear, for Styles 52700 BR, BS, BT, BU, BV -----	1
35	57885	Hinge Bracket, front, for Styles 52700 BR, BS, BT, BU, BV -----	1
36	51285 B	End Cover, for Styles 52700 BT, BU -----	1
-	52985	End Cover, for Styles 52700 BR, BS, BV -----	1
37	22711	Screw, for Styles 52700 BR, BS, BT, BU, BV -----	1
38	52885 L	End Cover Spring, for Styles 52700 BR, BS, BT, BU, BV -----	1
39	22799 M	Screw, for Styles 52700 BR, BS, BT, BU, BV -----	1
40	52904 B	Retaining Finger -----	1
41	22516	Screw -----	1
42	73 A	Screw -----	2
43	52958 D	Looper Thread Eyelet -----	2
43A	22798	Screw -----	2
43B	52994 B	Oil Guard, for Styles 52700 BK, BL, BM, BN, BP -----	1
44	52957 C	Cast-off Support Plate -----	1
45	22528	Screw -----	1
46	21657 E	Washer -----	1
47	50-216 Blk.	Dowel Pin -----	2
48	52904 G	Cast-off Wire -----	1
49	73 A	Screw -----	1
50	52904 E	Retaining Finger Support Bracket -----	1
51	50-216 Blk.	Dowel Pin -----	1
52	87 U	Screw -----	1
53	22768	Screw -----	1
54	52804 E	Retaining Finger Support -----	1
55	52942 Y	Looper Rocker Shaft Synchronizing Stud -----	1
56	52958 B	Frame Looper Thread Eyelet -----	1
57	98 A	Screw -----	3
58	20	Washer -----	1
59	51291 A	Looper Thread Guard -----	1
60	52 A	Looper Thread Eyelet -----	1

NUMERICAL INDEX OF PARTS

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
8.....	25, 27	643-127 Blk....	15	21210.....	23	22733 B.....	13
18.....	23, 37	652-16.....	45	21210 A.....	23	22738.....	21
20.....	9, 11, 23, 25, 29, 37	660-136.....	15	21212.....	17	22743.....	21
CL21.....	21, 27, 29	660-169.....	25, 29, 37	21216.....	45	22747.....	27
22 KH.....	27	660-202.....	19, 21	21217 A.....	45	22758 B.....	27
22 JE.....	33	660-207.....	31	B21375 AH.....	9	22758 C.....	31
22 JW.....	33	660-212.....	19	21388.....	45	22760 A.....	13
25 B.....	11	660-226.....	43	21388 W.....	45	22768.....	9, 19, 23, 25, 29
25 C.....	11, 13	660-228.....	37	21657.....	31	22798.....	9
25 S.....	11	660-240.....	45	21657 E.....	9, 37	22799 B.....	33, 35, 39, 41
25 CC.....	11	660-274.....	11, 37	21657 W.....	31	22799 M.....	9
27-435 Blk ..	19	666-65.....	17	21657 X.....	17	22801.....	25, 29
28.....	27, 29	666-111.....	17	21657 Y.....	31	22804.....	21
28 B.....	31	666-114.....	17	22504 C.....	11	22810.....	45
28 C.....	31	666-118.....	17	22513.....	17	22823 A.....	15
40-181.....	21	666-149.....	19, 25, 29, 43	22516.....	9, 27, 43	22823 B.....	15
50-216 Blk ..	9	666-170.....	19	22519 C.....	25, 27	22829.....	23, 29
50-648 Blk ..	17	666-179.....	17	22519 H.....	23	22834.....	25
50-789 Blk ..	9	666-201.....	17	22519 J.....	27		
52 A.....	9	666-209.....	17	22524.....	13	22837.....	11
57 WD.....	33, 35, 39, 41	666-214.....	17	22528.....	9, 13, 25	22839.....	11, 13
73.....	23	667 C.....	29	22537.....	31	22839 C.....	13
73 A.....	9, 35, 39, 41	668-25.....	31	22539 H.....	17	22840 A.....	33, 35, 39, 41
77.....	19, 25, 27, 29, 37, 43	668-28.....	31	22541 B.....	9	22845 B.....	13
80.....	13	719.....	9, 27, 43	22542.....	9, 11, 37	22848.....	9, 11, 13, 37
HA81.....	19	751.....	45	22548.....	13	22852.....	21
82.....	25, 29	752.....	45	22557 B.....	31	22852 A.....	29
87.....	13	753.....	45	22559 A.....	19	22863.....	25
87 U.....	9, 21	907.....	27	22559 G.....	19	22868 A.....	27
88 B.....	31	1096.....	33	22560 A.....	21	22874.....	43
89.....	21, 31	1349 A.....	45	22560 B.....	15, 19, 25, 27, 29, 43	22882.....	21
90.....	9, 15, 27, 37	6042 A.....	21	22561.....	13	22882 A.....	23
91.....	33, 35, 39, 41	6905 H.....	33	22562.....	21, 37	22889 A.....	9
93.....	9, 37	6920 A.....	33	22562 A.....	19	22889 C.....	17
95.....	9, 17, 19, 31	6930 A.....	33	22563.....	23	22889 D.....	17
96.....	23	6941 A.....	33	22564.....	19	22894 C.....	29
97 A.....	23, 37	6942 A.....	33	22565 C.....	27, 37	22894 D.....	25, 29
98.....	21, 23, 25, 27, 31, 43	7205 A.....	33	22568.....	11, 13	22894 F.....	19
98A.....	9	7947.....	17	22569 B.....	9, 11, 15, 19	22894 G.....	43
109.....	31	9660 B.....	21			22894 J.....	19
112 DW.....	33	9663.....	27	22570.....	13	22894 P.....	27
187 A.....	13	11940.....	33	22571 A.....	17	22894 T.....	25, 29, 43
188 D.....	45	12538.....	37	22571 B.....	15	22894 W.....	23
201 A.....	45	12934 A.....	27	22580 D.....	25, 29	22894 X.....	19
201 C.....	45	12957 E.....	11, 13	22581.....	9	22894 AA.....	43
258.....	15, 27	12982.....	21	22585 A.....	13	23254.....	13
258 A.....	15, 23, 25, 45	12987 A.....	29	22585 B.....	25	23254 C.....	13
269.....	23, 25, 29, 37	14077.....	27	22585 R.....	13	23279 D.....	45
303.....	27	15037 A.....	21	22586 R.....	19	23306 A.....	11
402.....	31	15465 F.....	23	22587.....	19	23306 T.....	11
421 D.....	45	15480 C.....	33	22588 A.....	13, 29	23306 W.....	11
434.....	37	21101 H.....	45	22589.....	37	23306 Z.....	11
482.....	25, 27	21102 B.....	45	22591.....	19	23306 AA.....	11
531.....	15, 31, 37	21104 B.....	45	22593.....	27, 33	23306 AE.....	11
538.....	25	21104 H.....	45	22594.....	37	23306 AF.....	11
539.....	9	21104 V.....	45	22596.....	31	23307 J.....	11, 37
604.....	33	21114.....	45	22597.....	9	23307 K.....	11, 37
605.....	33, 35, 39, 41	21114 A.....	45	22647 K.....	45	23307 L.....	11, 37
605 A.....	35, 39, 41	21114 D.....	45	22650 CB.....	45	23307 M.....	11, 37
627 A.....	37	21114 H.....	45	22651 CD.....	45	23307 N.....	11, 37
				22703.....	11, 21	23405 M.....	11, 13
		21114 S.....	45	22711.....	9	23405 T.....	11, 13
		21114 T.....	45	22726.....	11, 13	23425 V.....	13
		21114 U.....	45	22729 A.....	17	23440 A.....	13
		21114 W.....	45	22729 B.....	17	23440 B.....	13
		21177 A.....	45	22729 C.....	21, 23	23440 C.....	13
		21178 A.....	45	22729 D.....	19		
		21201.....	45	22733.....	21		

NOTE: Only the basic part numbers are shown in the index. For various gauges, capacities, etc. available, refer to the listings on pages indicated.

NUMERICAL INDEX OF PARTS

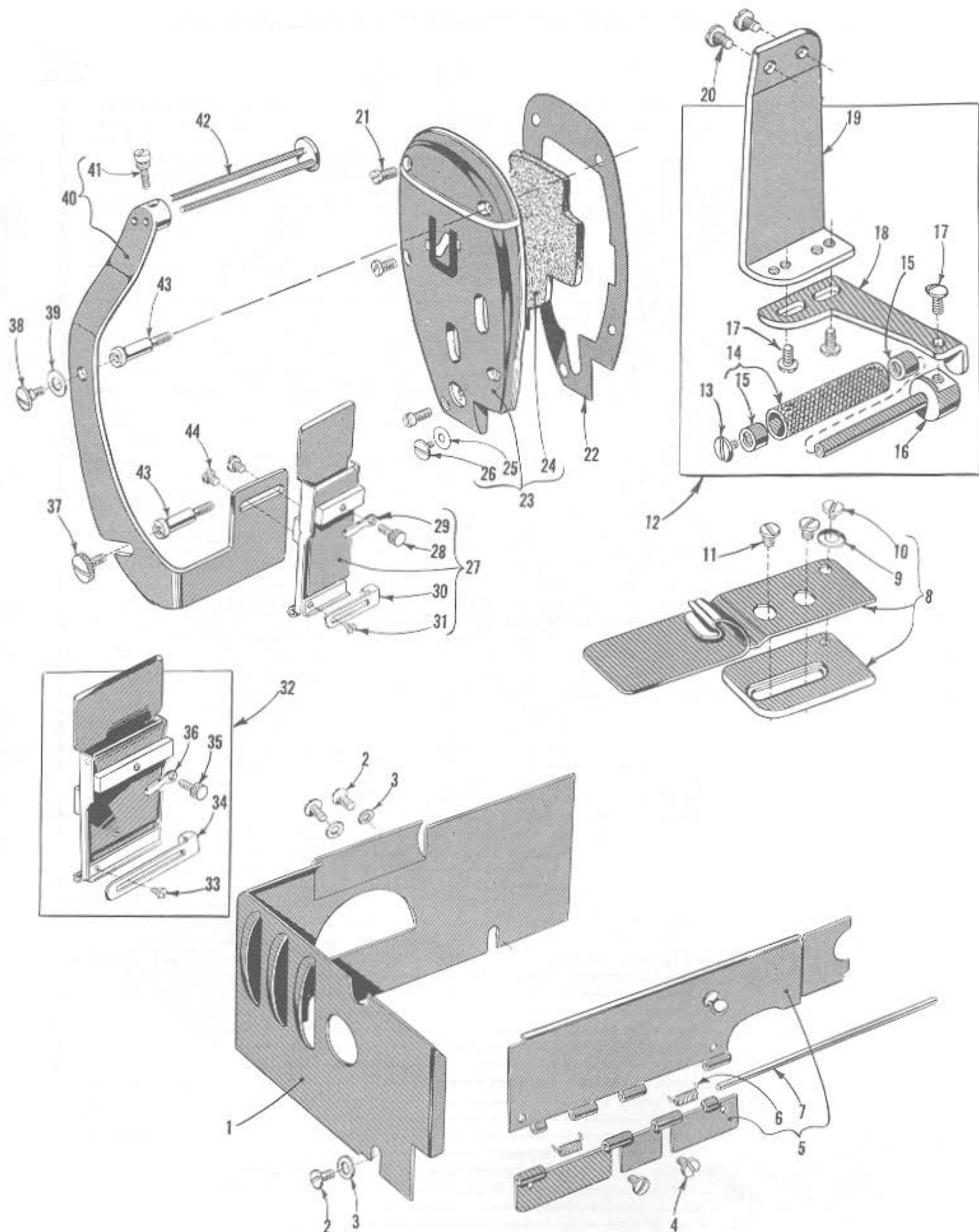
Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
23440 D.....	13	51236 E.....	25, 29	51493 BA.....	15	52730 T.....	35, 39, 41,
29066 R.....	19	51236 F.....	25, 29, 37	51493 BB.....	15	52730 U.....	33
29132 AC.....	29	51236 G.....	25, 29, 37	51493 BC.....	45	52730 V.....	33
29132 AH.....	43	51242 M.....	23	51493 BG.....	15	52730 W.....	33
29192.....	23	51243 C.....	19	51493 BH.....	15	52730 X.....	33
29192 T.....	23	51244 B.....	23	51493 BJ.....	15	52730 Y.....	35, 39, 41
		51244 L.....	23	51493 BK.....	15	52730 Z.....	35
29264 S.....	31			51493 BP.....	19	52730 AA.....	35
29348 P.....	19	51244 N.....	23	51493 BQ.....	15	52730 AB.....	35, 39, 41
29348 V.....	19	51246.....	23	51745.....	23	52730 AC.....	39, 41
29476 DV.....	25, 29	51247.....	19	51758.....	9	52730 AD.....	39, 41
29476 DX.....	25, 29	51250 A.....	19	51858.....	9	52730 AE.....	35, 39, 41
29476 JN.....	25, 29	51250 D.....	19	K51893.....	33	52730 AF.....	39, 41
29476 JP.....	19	51250 E.....	19			52736.....	37
29476 LE.....	19	51250 F.....	19			52744.....	23
29476 NM.....	43	51254 C.....	17	52350 A.....	13	52749 A.....	13, 43
29486 F.....	37	51254 D.....	17	52444 B.....	23	52750.....	19, 21
33174 B.....	23	51254 J.....	19	52480.....	13	52750 C.....	13, 43
35178 D.....	17	51256 C.....	31	52701 A.....	13	52770 C.....	43
35731 A.....	17			52701 B.....	13, 43	52770 L.....	29
35761 D.....	17	51257 K.....	31	52702.....	13	52773.....	29
35766.....	13	51257 M.....	31	52703 A.....	13	52773 A.....	29
35772 H.....	13	51257 AA.....	17	52705 C.....	35	52773 B.....	29, 43
39141.....	23, 37	51280 A.....	13	52705 E.....	35	52773 C.....	29
		51280 E.....	15	52705 G.....	33	52773 D.....	29
		51280 J.....	13, 37	52705 J.....	35	52773 E.....	29
39237.....	27	51280 K.....	13	52705 M.....	39, 41	52773 P.....	43
39237 D.....	27	51281 P.....	13	52705 N.....	39, 41	52773 R.....	43
39237 G.....	27	51281 T.....	13	52708 B.....	23	52773 S.....	43
39258 C.....	37	51281 AC.....	13	52715.....	19	52773 T.....	43
39582 L.....	9	51282 Y.....	11			52774.....	29
39595.....	15	51282 Z.....	9, 11	52717 E.....	31	52774 A.....	43
41355 U.....	23	51282 AC.....	9, 11	52718.....	31	52775.....	29
41394 A.....	13	51282 AE.....	9	52720 B.....	33		
43242 N.....	21	51282 AH.....	11	52720 C.....	35	52776.....	37
43242 P.....	21	51282 AJ.....	11	52720 D.....	35	52776 A.....	37
43266.....	31	51282 AK.....	11	52720 G.....	33	52776 B.....	37
51054.....	19, 25, 29,	51283 H.....	31	52720 J.....	33	52776 C.....	37
	37	51285 B.....	9	52720 K.....	35	52776 E.....	37
51101 R.....	13	51290 T.....	15	52720 L.....	35	52776 F.....	37
51134.....	25	51291 A.....	9	52720 M.....	39, 41	51776 G.....	21
51134 C.....	25, 27	51292 A.....	31	52722.....	25, 29	52776 L.....	21
51134 J.....	25	51292 C.....	31	52722 B.....	25, 29	52776 P.....	21
51134 P.....	25	51292 D.....	31	52722 D.....	25, 29, 43	52776 R.....	21
51134 R.....	25	51292 F.....	31	52722 E.....	25, 29, 43	52776 T.....	21
51144.....	23	51292 G.....	31	52724 A.....	33	52776 V.....	21
51145 A.....	25, 29	51294 K.....	17	52724 B.....	33	52776 W.....	21
51147.....	19	51294 M.....	17	52724 C.....	35	52777.....	37
51150.....	19	51294 P.....	17	52724 D.....	35	52777 A.....	37
51193 S.....	17	51294 R.....	17	52724 G.....	33	52777 B.....	37
51213.....	23	51294 U.....	17	52724 H.....	33	52777 C.....	37
51215 J.....	19	51294 Z.....	17	52724 J.....	35	52777 D.....	37
51216 G.....	19	51295 A.....	15	52724 M.....	41	52777 E.....	37
51216 M.....	19	51295 B.....	15	52724 N.....	39, 41	52777 F.....	37
51216 N.....	19, 23	51301 D.....	13	52725.....	25	52777 G.....	37
51216 P.....	19	51306.....	25, 29	52725 A.....	23	52777 H.....	37
51221 C.....	19	51382 A.....	13	52726.....	35	52777 J.....	37
51225 W.....	25, 27	51406.....	25, 29	52726 C.....	39, 41	52777 K.....	37
51230 T.....	35, 41	51430 D.....	33	52728 C.....	35		
51235.....	25	51430 F.....	33, 35, 39,	52728 M.....	41	52777 M.....	21
51235 A.....	25, 37		41	52728 N.....	39, 41	52777 N.....	21
51235 G.....	25, 27	51435.....	27	52730.....	33	52777 P.....	21
51235 M.....	27	51435 B.....	27	52730 A.....	33	52777 R.....	21
51235 N.....	27	51480.....	13	52730 B.....	33	52777 S.....	21
51235 P.....	27	51491 C.....	31	52730 C.....	33	52777 T.....	21
51235 Q.....	27	51493 D.....	15	52730 D.....	35	52777 U.....	21
51235 R.....	27	51493 E.....	15	52730 E.....	35	52777 V.....	21
51235 S.....	27	51493 AG.....	15	52730 G.....	33	52777 W.....	21
51236 A.....	25, 29	51493 AH.....	15	52730 P.....	35	52777 X.....	21
51236 B.....	25, 29	51493 AY.....	15	52730 R.....	35	52777 Y.....	21
51236 D.....	25, 29					52777 Z.....	21

NOTE: Only the basic part numbers are shown in the index. For various gauges, capacities, etc. available, refer to the listings on pages indicated.

NUMERICAL INDEX OF PARTS

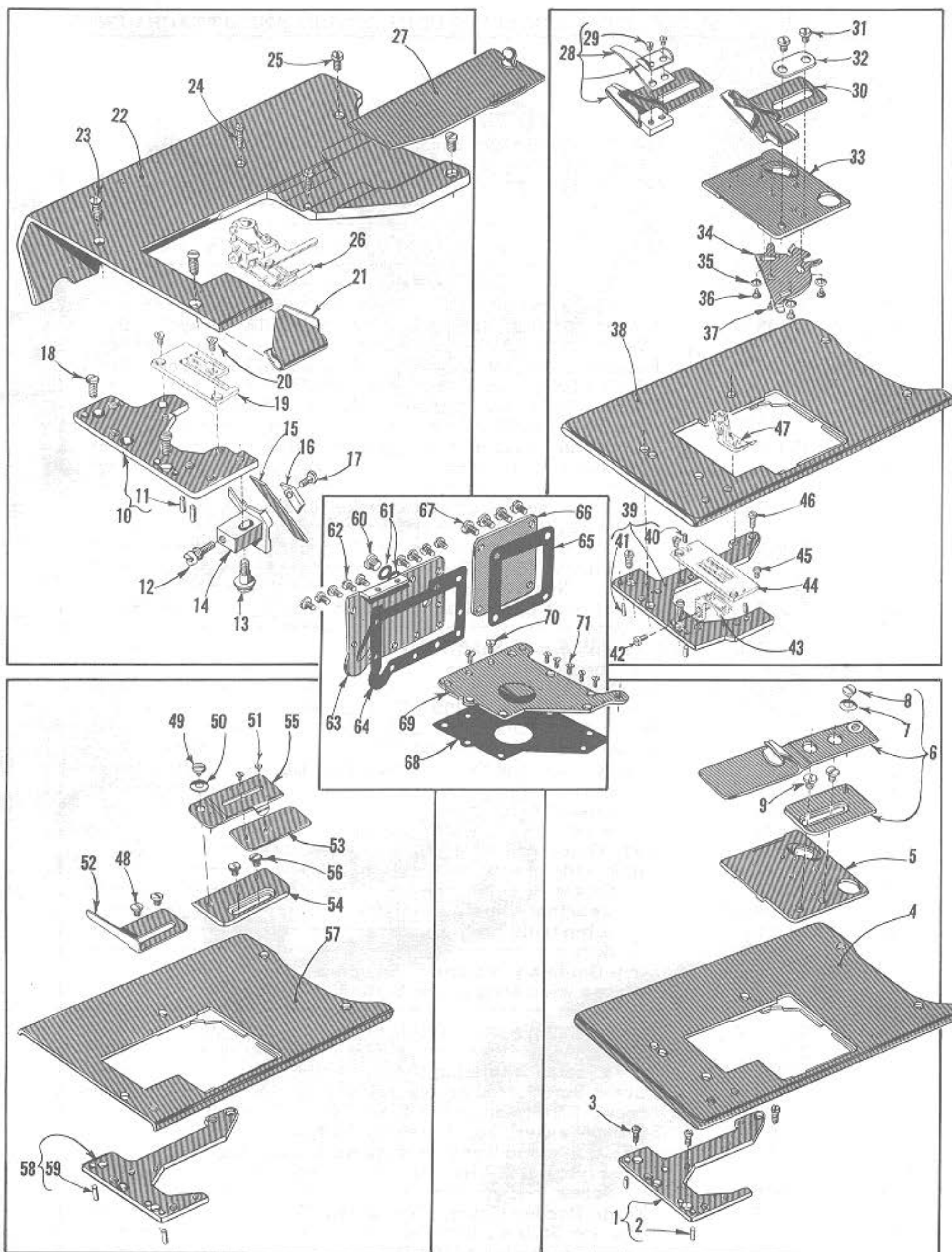
Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
52777 AA.....	21	52818.....	31	52894 AB.....	15	52904 AC.....	15
52777 AC.....	21	52825 A.....	27	52894 AD.....	15	53678 N.....	21
52777 AE.....	21	52825 B.....	27	52894 AE.....	15	53701.....	13
52777 AF.....	21	52825 C.....	23	52894 AK.....	15	53782 B.....	13
52777 AG.....	21	52825 D.....	23	52904 B.....	9	53783 A.....	31
52778 B.....	37	52825 F.....	27	52904 E.....	9	53783 L.....	31
52778 D.....	21, 37	52834.....	27	52904 G.....	9	53783 M.....	31
52778 F.....	21, 37	52834 H.....	27	52921 B.....	43	53783 N.....	31
52778 G.....	37	52835 G.....	27	52922 C.....	25, 29	55235 D.....	21
52778 H.....	37	52835 K.....	27	52923 D.....	25, 29	55235 E.....	21
52778 J.....	37	52835 Q.....	27	52925 D.....	27	55244 G.....	23
52778 K.....	37	52835 S.....	27	52936.....	15	56334 E.....	25
52778 L.....	37	52835 U.....	27	52941 D.....	23	56343 D.....	19
52778 M.....	37	52835 V.....	27	52942 A.....	19	56344 B.....	43
52778 N.....	21	52836.....	27	52942 P.....	23	56354 A.....	19
52778 P.....	21	52836 C.....	27	52942 R.....	23	56356.....	31
52778 R.....	21	52836 H.....	27	52942 W.....	15	56382 X.....	31
52778 S.....	21	52841 A.....	23	52942 X.....	15	56390 E.....	17
52778 T.....	21	52842 G.....	31	52942 Y.....	9	56458.....	19
52778 U.....	21	52882 P.....	9	52943 L.....	19	56458 A.....	19
52778 V.....	21	52882 U.....	13	52944 T.....	15	56958.....	19
52778 W.....	21	52882 W.....	9, 11	52944 U.....	15	56958 A.....	19
52778 X.....	9	52882 Y.....	9	52949.....	13	57744 A.....	43
52779.....	29	52882 AA.....	9	52951 C.....	19	57770.....	9
52779 A.....	29	52882 AC.....	9	52953.....	27	57836 F-40.....	27
52779 B.....	43	52882 AD.....	9	52957 C.....	9	57836 F-45.....	27
52779 C.....	43	52882 AE.....	13	52958 B.....	9	57836 F-50.....	27
52782 C.....	9, 11	52883 R.....	17	52958 D.....	9	57885.....	9
52782 D.....	9	52883 S.....	31	52970 T.....	9	57885 B.....	9
52794 G.....	17			52978 G.....	11	61267 G.....	27
52794 H.....	15			52980 A.....	13	79048.....	21
52804 E.....	9	52885 L.....	9	52982 D.....	13	80265.....	29, 43
52813.....	23	52890 C.....	15, 17	52982 E.....	13	80662.....	37
52817.....	31	52891 B.....	17, 19	52985.....	9	80692.....	37
52817 E.....	31	52892.....	31	52994 B.....	9		

NOTE: Only the basic part numbers are shown in the index. For various gauges, capacities, etc., available, refer to the listings on pages indicated.



ELASTIC TENSION PARTS, MISCELLANEOUS COVERS AND ATTACHMENTS

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Amt. Req.</u>
1	51282 AH	Oil Shield, end and back, for Styles 52700 BK, BL, BM, BN, BP-----	1
2	22848	Screw-----	3
3	20	Washer-----	3
4	25 S	Screw-----	2
5	51282 AJ	Hinged Oil Shield, front, for Styles 52700 BK, BL, BM, BN-----	1
6	51282 AK	Spring-----	2
7	52978 G	Hinge Pin-----	1
8	23405 M	Folder, 1/16 inch capacity, 1/8 inch fold upwardly, for Style 52700 BM-----	1
	23405 T	Folder, 1/16 inch capacity, 1/8 inch fold upwardly, for Styles 52700 BN, BP-----	1
	23405 U	Folder, 5/64 inch capacity, 3/16 inch fold upwardly, for Style 52700 BV-----	1
9	12957 E	Spring Washer-----	1
10	22726	Screw-----	1
11	25 C	Screw-----	2
12	23307 J	Elastic Guide Roller and Bracket Assembly, for Style 52700 BP-----	1
13	22542	Screw-----	1
14	23307 K	Elastic Guide Roll-----	1
15	660-274	Needle Bearing-----	2
16	23307 L	Elastic Guide Roll Shaft-----	1
17	22848	Screw-----	3
18	23307 M	Guide Roll Shaft Arm-----	1
19	23307 N	Bracket-----	1
20	22848	Screw-----	2
21	22569 B	Screw for Styles 52700 BK, BL, BP-----	5
	22569 B	Screw for Styles 52700 BM, BN-----	3
22	51282 Z	Gasket, for Styles 52700 BK, BL, BM, BN, BP-----	1
23	51282 Y	Head Cover, for Styles 52700 BK, BL, BM, BN, BP----	1
24	51282 AC	Felt Liner-----	1
25	52882 W	Gasket-----	1
26	22542	Screw-----	1
27	23306 Z	Strip Guide and Tension, complete, 1/4 inch to 1 1/4 inch wide strips, for Style 52700 BN-----	1
28	22703	Screw-----	1
29	23306 AF	Tension Adjusting Nut-----	1
30	23306 T	Adjustable Strip Guide-----	1
31	25 B	Screw-----	1
32	23306 AE	Strip Guide and Tension, complete, 3/8 inch to 2 inches wide strips, for Style 52700 BM-----	1
33	25 B	Screw-----	1
34	23306 W	Adjustable Strip Guide-----	1
35	22703	Screw-----	1
36	23306 AF	Tension Adjusting Nut-----	1
37	22837	Thumb Screw, for Styles 52700 BM, BN-----	1
38	22504 C	Screw, for Styles 52700 BM, BN-----	1
39	12957 E	Spring Washer, for Styles 52700 BM, BN-----	1
40	23306 AA	Strip Guide and Tension Assembly Mounting Bracket, for Styles 52700 BM, BN-----	1
41	22568	Screw-----	1
42	23306 A	Frame Border Guide, for Styles 52700 BM, BN-----	1
43	52782 C	Stud, for Styles 52700 BM, BN-----	2
44	25 CC	Screw, for Styles 52700 BM, BN-----	2



CLOTH PLATES, CLOTH PLATE COVERS, MISCELLANEOUS COVERS AND ATTACHMENTS

Ref. No.	Part No.	Description	Amt. Req.
1	51280 A	Throat Plate Support, for Styles 52700 BM, BN, BP	1
2	51280 J	Dowel Pin	2
3	22839	Screw, for throat plate support on Styles 52700 BM, BN, BP, BV	3
4	51301 D	Cloth Plate, for Styles 52700 BM, BN, BP	1
5	51281 T-219	Cloth Plate Cover, for Styles 52700 BM, BN, BP, BV	1
6	23405 M	Folder, 1/16 inch capacity, 1/8 inch fold upwardly, for Style 52700 BM	1
	23405 T	Folder, 1/16 inch capacity, 1/8 inch fold upwardly, for Styles 52700 BN, BP	1
7	12957 E	Spring Washer	1
8	22726	Screw	1
9	25 C	Screw	2
10	52980 A	Throat Plate Support, for Styles 52700 BR, BS, BT, BU	1
11	51280 J	Dowel Pin	2
12	22568	Screw	1
13	35766	Screw	1
14	52750 L	Lower Knife Block, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism	1
* -	52750 C	Lower Knife Block, for Styles 52700 BR, BS, BT, BU with improved trimming mechanism	1
15	52949	Lower Knife, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism	1
* -	52749 A	Lower Knife, for Styles 52700 BR, BS, BT, BU with improved trimming mechanism	1
16	52350 A	Lower Knife Holder Block, for Styles 52700 BR, BS, BT, BU	1
17	22588 A	Screw	1
18	22839	Screw, for throat plate support on Styles 52700 BR, BS, BT, BU	2
19		Throat Plate (See Pages 33, 35, 39, 41)	1
20	87	Screw, for throat plate on all Styles except 52700 BK, BL	2
21	52703 A	Edge Guide, for Styles 52700 BR, BS, BT, BU	1
22	52701 A	Cloth Plate, for Styles 52700 BR, BS, BT, BU without improved trimming mechanism	1
* -	52701 B	Cloth Plate, for Styles 52700 BR, BS, BT, BU with improved trimming mechanism	1
23	80	Screw, for cloth plate on Styles 52700 BK, BL, BM, BN, BP	3
	80	Screw, for cloth plate on Styles 52700 BR, BS, BT, BU, BV	2
24	22585 R	Screw, for Styles 52700 BR, BS, BT, BU	2
25	22839 C	Screw	2
26		Presser Foot (See Pages 33, 35, 39, 41)	1
27	52702	Cloth Plate Cover, for Styles 52700 BR, BS, BT, BU	1
28	23254	Folder, 7/8 inch wide strip, 3/8 inch finish, for No. 16 gauge Style 52700 BK	1
29	22561	Screw	2
30	23254 C	Folder, 11/16 inch wide strip, 1/4 inch finish, for No. 12 gauge Style 52700 BK	1
31	25 C	Screw	2
32	23425 V	Washer Plate, for Style 52700 BK	1
33	51281 P-207	Cloth Plate Cover, for Styles 52700 BK, BL	1
34	51281 AC	Cloth Plate Cover Spring, for Styles 52700 BK, BL, BM, BN, BP, BV	1
35	35772 H	Washer, for Styles 52700 BK, BL, BM, BN, BP, BV	3
36	22760 A	Screw, for Styles 52700 BK, BL, BM, BN, BP, BV	3
37	22845 B	Screw, for Styles 52700 BK, BL, BM, BN, BP, BV	1
38	53701	Cloth Plate, for Styles 52700 BK, BL	1
39	51480	Throat Plate Support, for Styles 52700 BK, BL	1
40	51280 K	Dowel Pin	2
41	51280 J	Dowel Pin	2
42	22528	Screw, for feed dog on all Styles except 52700 BT, BU	1
43		Feed Dog (See Pages 33, 35, 39, 41)	1
44		Throat Plate (See Pages 33, 35, 39, 41)	1
45	22570	Screw, for throat plate on Styles 52700 BK, BL	2
46	22839	Screw, for throat plate support on Styles 52700 BK, BL	3
47		Presser Foot (See Pages 33, 35, 39, 41)	1
48	25 C	Screw	2
49	22726	Screw, for Style 52700 BL	1
50	12957 E	Spring Washer, for Style 52700 BL	1
51	187 A	Screw, for Style 52700 BL	2
52	23440 D	Hemmer Scroll Guide, for Style 52700 BL	1
53	23440 C	Hemmer Blade, for Style 52700 BL	1
54	23440 A	Hemmer Base, for Style 52700 BL	1
55	23440 B	Hemmer Swing Arm, for Style 52700 BL	1
56	25 C	Screw	2
57	51101 R	Cloth Plate, for Style 52700 BV	1
58	52480	Throat Plate Support, for Style 52700 BV	1
59	51280 J	Dowel Pin	2
60	22733 B	Plug Screw	1
61	41394 A	Gasket	2
62	22848	Screw	9
63	52982 D	Oil Reservoir Back Cover	1
64	52982 E	Gasket	1
65	52882 U	Gasket	1
66	52882 AE	Crank Chamber Cover	1
67	22548	Screw	4
68	52882 K	Gasket	1
69	53782 B	Oil Reservoir Top Cover	1
70	22585 A	Screw	2
71	22524	Screw	7

* See Page 43 for repair parts applicable to Styles 52700 BR, BS, BT, BU with improved trimming mechanism.

