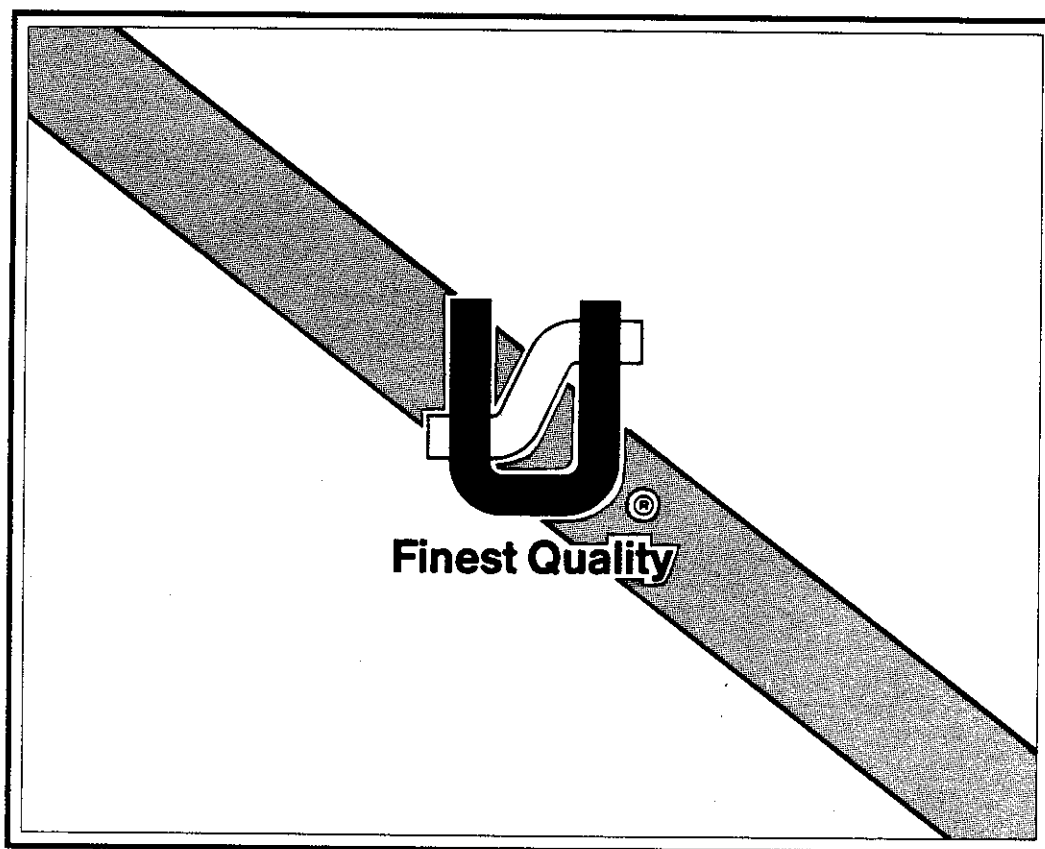

Union Special[®]
INDUSTRIAL SEWING EQUIPMENT

CV-900 CLASS

PRT-9106 Parts Manual



PRT-9106
Parts Manual
for the
CV900 Series

First Edition
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Printed in U.S.A.
June, 1991

PREFACE

This parts manual has been prepared and can be used in conjunction with Union Special Adjusting Manual INS-9105.

It is the desire of Union Special that each machine run at it's optimum performance. Parts listed in this manual are designed specifically for your machine and are manufactured with utmost precision to assure long lasting service.

This manual has been made on the basis of available information. Changes in design and/or improvements may incorporate a slight modification of configuration in illustrations or part numbers.

On the following pages will be found illustrations and terminology used in describing the parts used on the CV900 series machines.

SAFETY RULES



CAUTION!

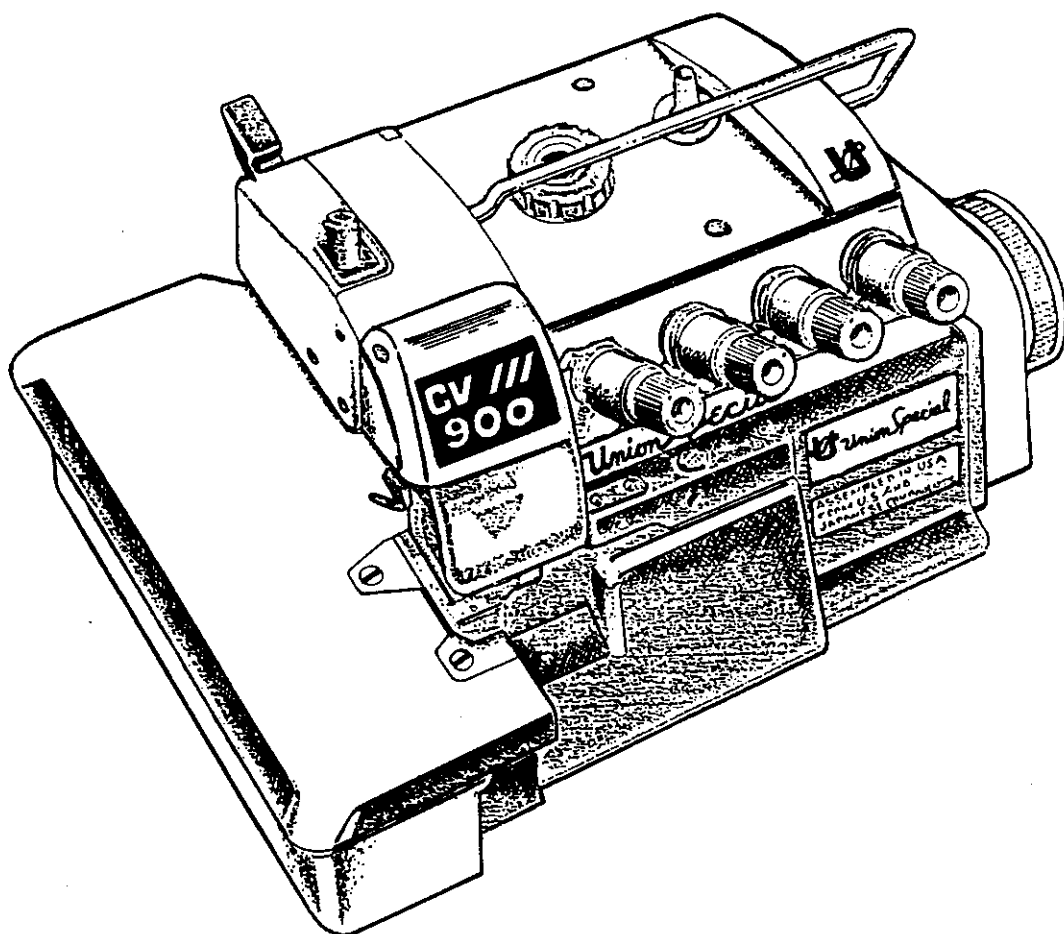
THIS SYMBOL INDICATES YOUR PERSONAL SAFETY IS INVOLVED.

TO PREVENT PERSONAL INJURY:

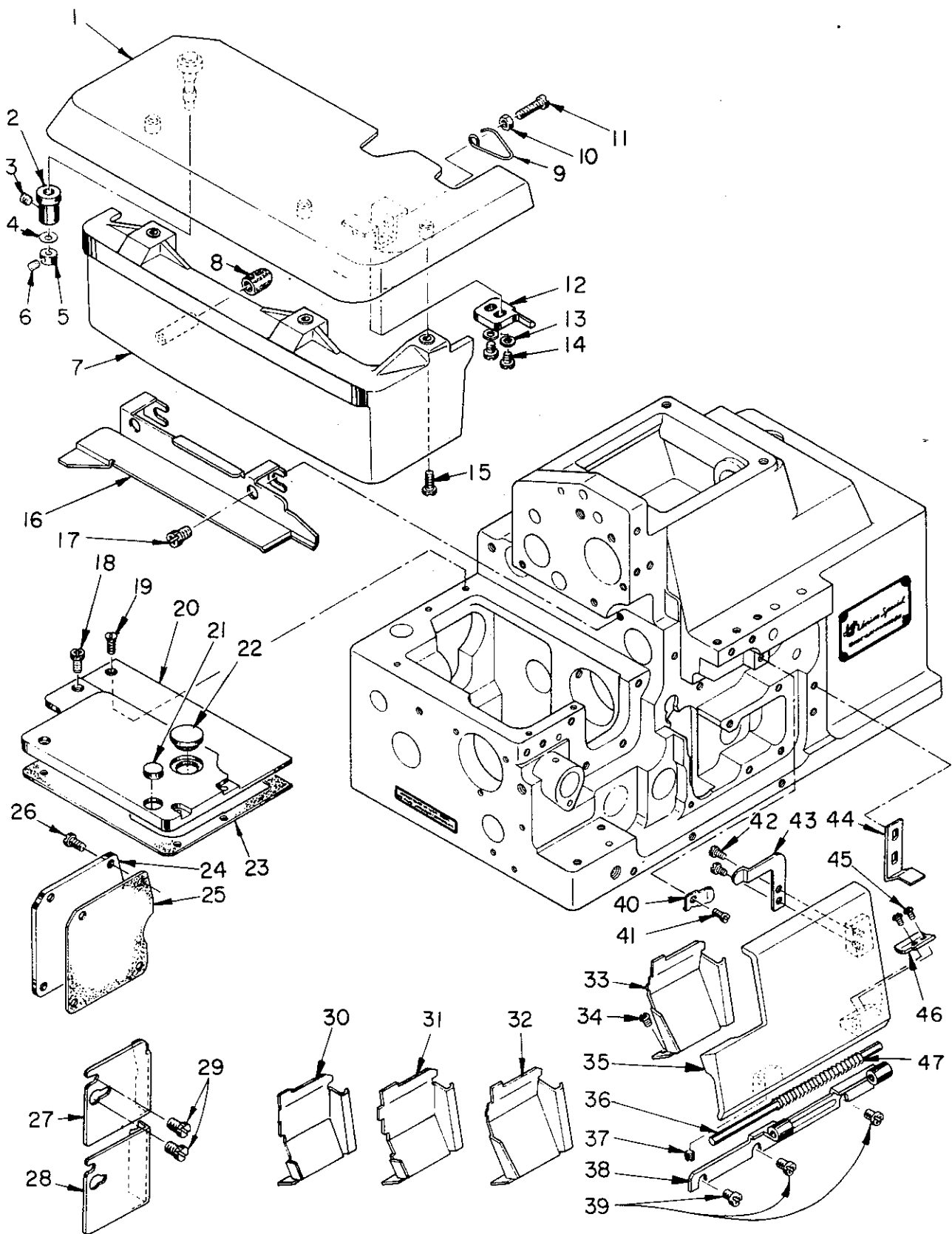
- All power sources to the machine **MUST** be **TURNED OFF** before threading, oiling, adjusting, or replacing parts.
- Wear safety glasses.
- All covers and guards **MUST** be in position before operating machine.
- **DO NOT** tamper with covers, guards, etc., while machine is in operation.

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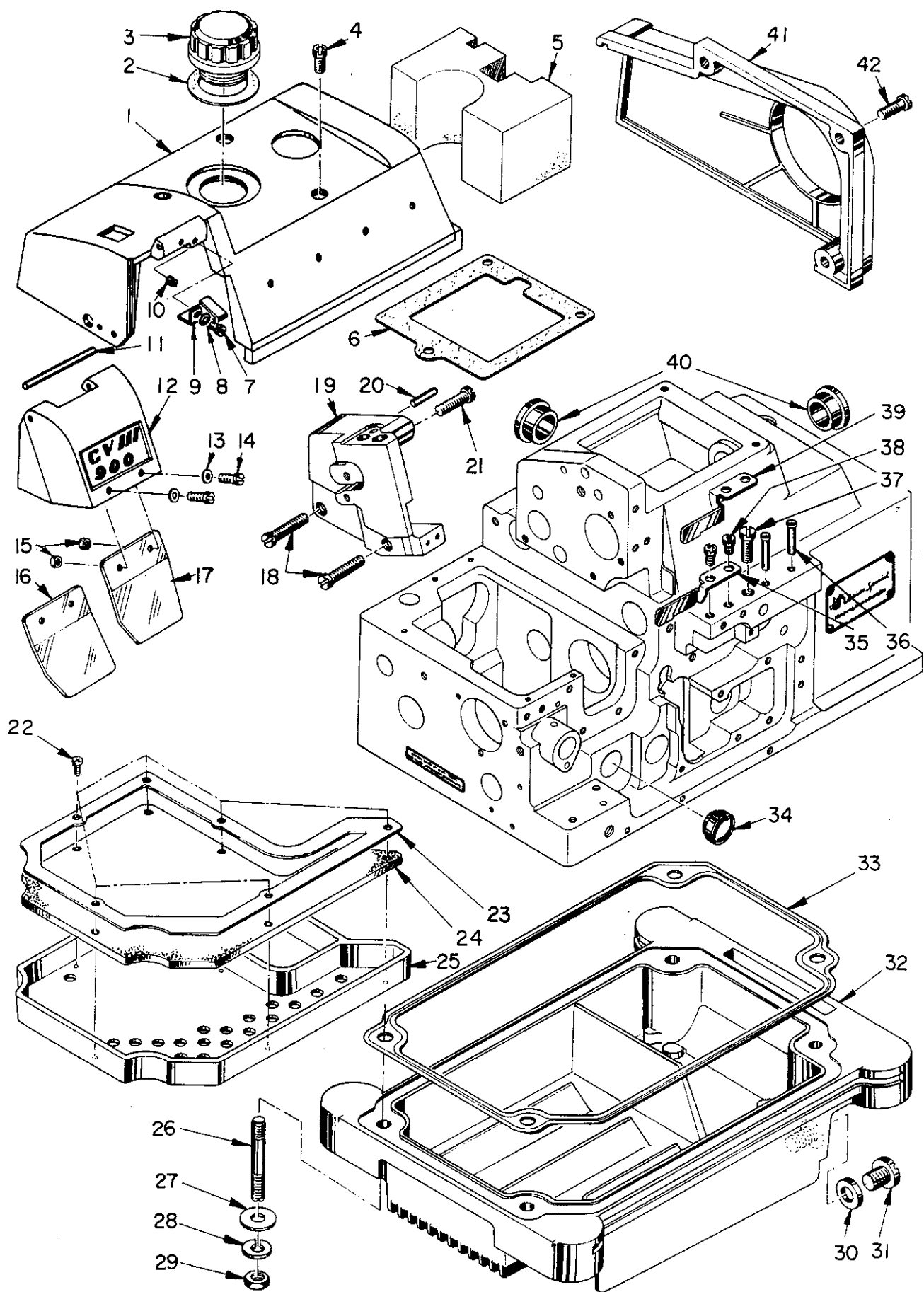


**EXPLODED VIEWS
AND
DESCRIPTION OF PARTS**



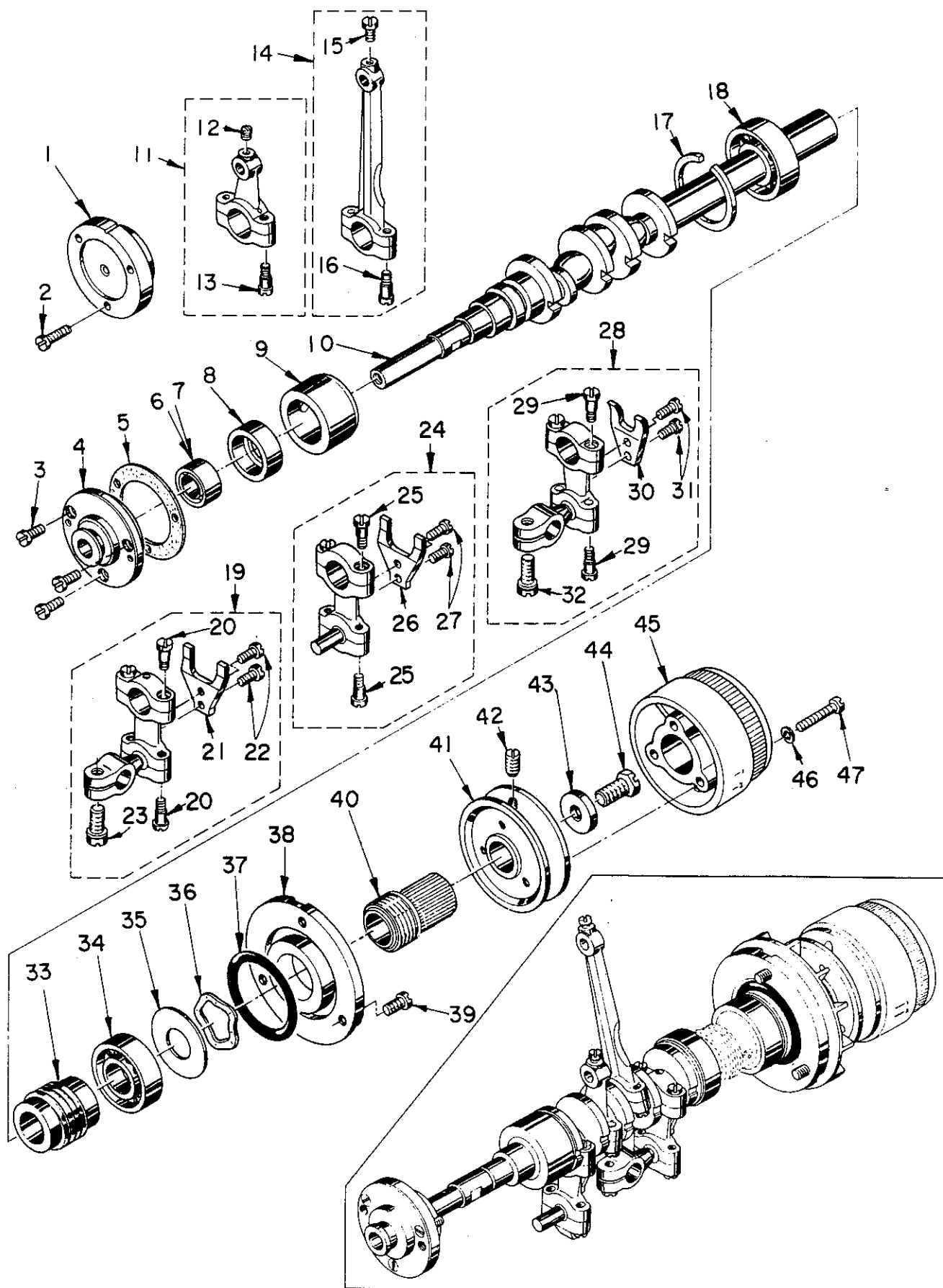
MISCELLANEOUS COVERS & CLOTH PLATE

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94101	Cloth Plate Assembly	1
2	U94101B	Eccentric Bushing	1
3	U94185	Screw, for eccentric bushing	1
4	U94188	Disc Spring	1
5	U94101C	Thrust Collar	1
6	U94185A	Screw, for thrust collar	1
7	U94101D	Cloth Plate Shield	1
8	U94169	Rubber Plug	1
9	U94101E	Spring	1
10	U94187	Nut	1
11	U94185B	Screw	1
12	U94101F	Positioner	1
13	U94188A	Washer	2
14	U94185C	Screw, for positioner	2
15	U94185D	Screw, for cloth plate shield	3
16	U94182	Cloth Plate Side Cover	1
17	U94185E	Screw, for cloth plate side cover	2
18	U94185G	Screw, for feed mechanism cover	6
19	U94185F	Screw	1
20	U94182G	Feed Mechanism Top Cover	1
21	U94169A	Rubber Plug	1
22	U94169B	Rubber Plug	1
23	U94184	Gasket, for feed mechanism top cover	1
24	U94182D	Rear Cover	1
25	U94184A	Gasket, for rear cover	1
26	U94185C	Screw, for rear cover	4
27	U94182K	Chip Guard Cover, Style 904, 914	1
28	U94182L	Chip Guard Cover, Style 916	1
29	U94185J	Screw, for chip guard cover	2
30	U94178C	Chip Guard, Style 916	1
31	U94178	Chip Guard, Style 916	1
32	U94178A	Chip Guard, Style 914	1
33	U94178B	Chip Guard, Style 904	1
34	U94185K	Screw, for chip guard	2
35	U94182E	Looper Cover	1
36	U94182M	Hinge Cover, for looper cover	1
37	U94185	Screw	1
38	U94182N	Hinge Bracket, for looper cover	1
39	U94185C	Screw, for hinge bracket	4
40	U94182P	Presser Spring, for looper cover	1
41	U94185H	Screw, for presser spring	1
42	U94185R	Screw, for presser plate	2
43	U94182Y	Presser Plate, for looper cover	1
44	U94182R	Guide Plate, for looper cover	1
45	U94185R	Screw, for looper cover plate	2
46	U94182S	Looper Cover Plate	1
47	U94182T	Hinge Spring	1



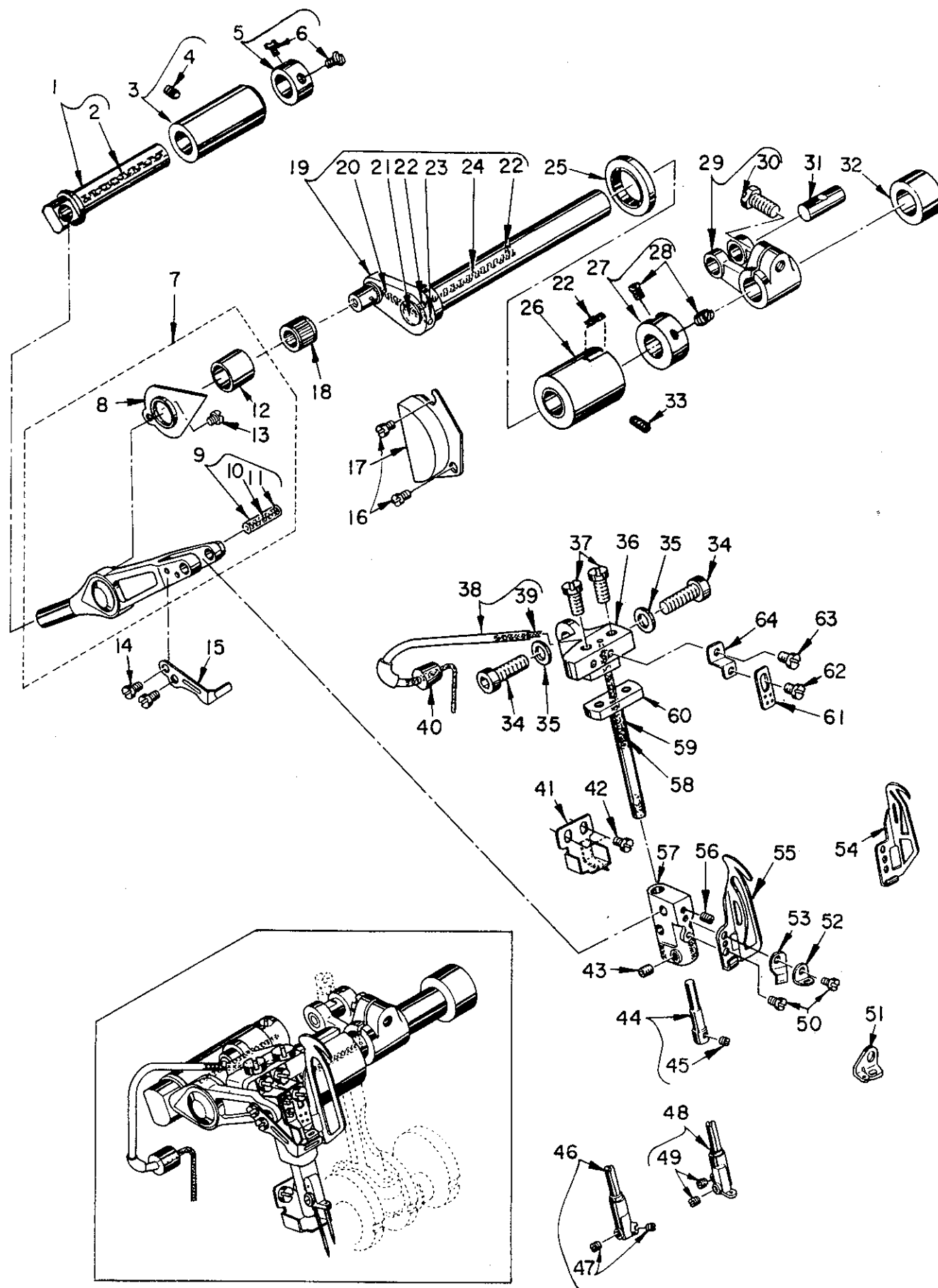
MISCELLANEOUS COVERS & MAIN FRAME

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94182A	Top Cover	1
2	U94184E	Gasket, for oil cap	1
3	U94193A	Oil Cap	1
4	U94185L	Screw, for top cover	3
5	U94182U	Sponge, for top cover	1
6	U94184B	Gasket, for top cover	1
7	U94185S	Screw, for face plate cover spring	1
8	U94188E	Washer	1
9	U94182W	Spring, for face plate cover	1
10	U94185T	Screw	1
11	U94182X	Pin, for face plate cover	1
12	U94182C	Face Plate Cover	1
13	U94188E	Washer	2
14	U94185G	Screw, for sewing guard	2
15	U94187A	Nut	2
16	U94196A	Sewing Guard, Style 916	1
17	U94196	Sewing Guard, Style 904, 912, 914	1
18	U94185U	Screw, for presser arm housing	1
19	U94143	Presser Arm Assembly Housing	1
20	U94169C	Roll Pin	1
21	U94185V	Screw	1
22	U94185X	Screw, for filter holder	6
23	U94193C	Presser Plate, for filter	1
24	U94193B	Filter	1
25	U94193D	Filter Holder	1
26	U94185Y	Stud Screw, for oil pan	4
27	U94188C	Washer	4
28	U94188D	Spring Washer	4
29	U94187B	Nut	4
30	U94184D	Gasket, for plug screw	1
31	U94185AA	Plug Screw	1
32	U94193E	Oil Pan	1
33	U94184C	Gasket, for oil pan	1
34	U94169E	Rubber Plug, Style 904, 914	1
35	U94182J	Chip Guard, for upper cover, Style 904, 914	1
36	U94159	Thread Guide, large	2
37	U94185W	Screw	1
38	U94185E	Screw	2
39	U94182H	Chip Guard, for upper cover, Style 916	1
40	U94169D	Rubber Plug	2
41	U94182F	Belt Cover	1
42	U94185M	Screw, for belt cover	3



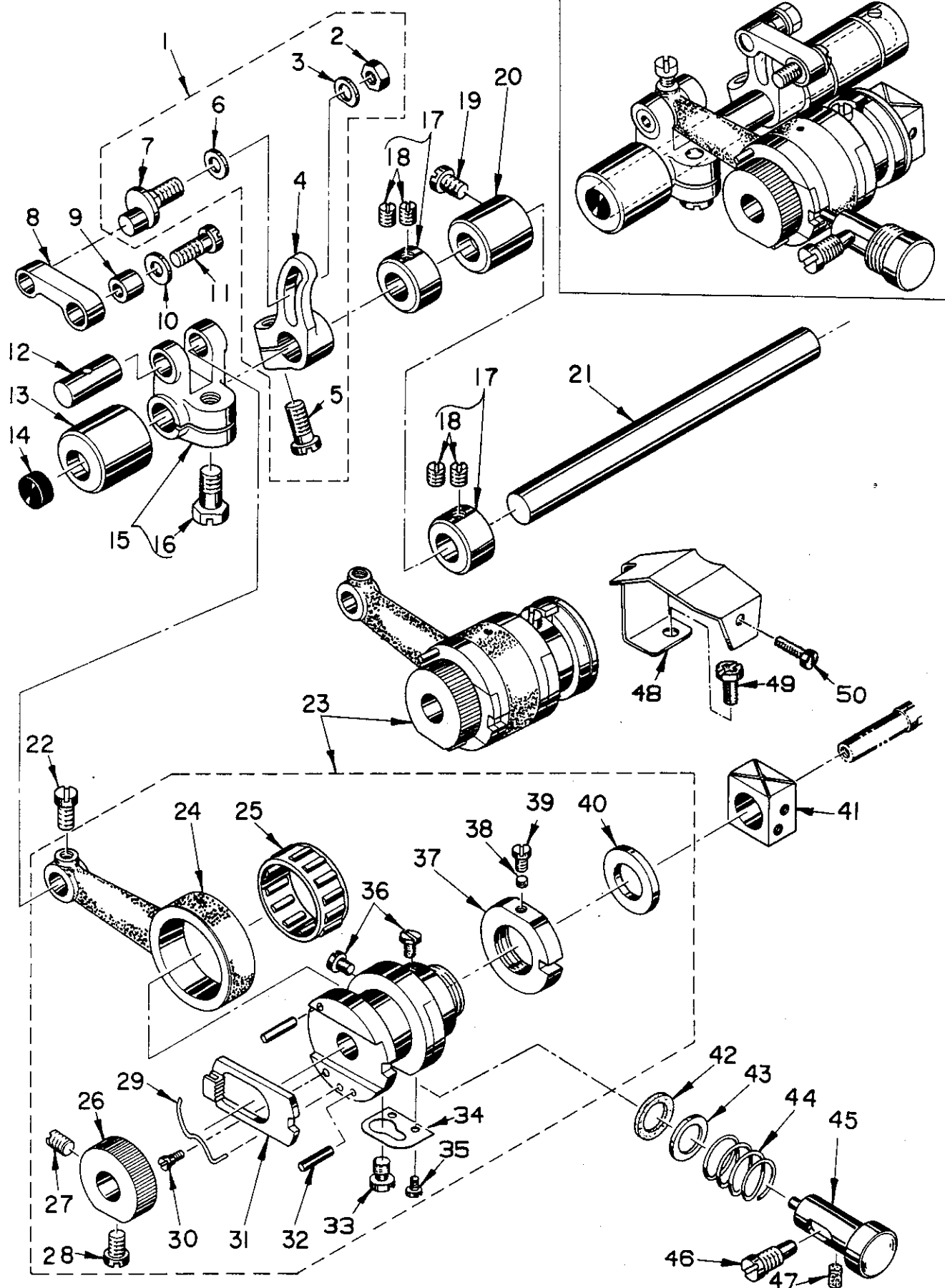
CRANKSHAFT MECHANISM & BUSHINGS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94190	Crankshaft Bushing, Style 904, 914	1
2	U94185AB	Screw, for crankshaft bushing, Style 904, 914	3
3	U94185AC	Screw, for crankshaft bushing, Style 904, 914	3
4	U94190A	Crankshaft Bushing, Style 916	1
5	U94184F	Gasket	1
6	U94190B	Ball Bearing, Style 904, 914	1
7	U94190C	Ball Bearing, Style 916	1
8	U94169F	Rubber Cap, Style 904, 914	1
9	U94190D	Crankshaft Bushing	1
10	U94122	Crankshaft	1
11	U94173	Knife Drive Connecting Rod Assembly	1
12	U94185AD	Screw	1
13	U94185AE	Shoulder Screw	2
14	U94152D	Connecting Rod Assembly	1
15	U94185AF	Screw	1
16	U94185AE	Shoulder Screw	2
17	U94169G	Retaining Ring	1
18	U94190E	Ball Bearing	2
19	U94143AJ	Lower Looper Drive Connecting Rod Assembly	1
20	U94185AE	Shoulder Screw	4
21	U94143A	Ball Joint Guide Fork	2
22	U94185AF	Screw	2
23	U94185W	Screw	2
24	U94143B	Looper Drive Connecting Rod Assembly, Style 916	1
25	U94185AE	Shoulder Screw	4
26	U94143A	Ball Joint Guide Fork	1
27	U94185AF	Screw	2
28	U94143C	Upper Looper Drive Connecting Rod Assembly	1
29	U94185AE	Shoulder Screw	4
30	U94143D	Ball Joint Guide Fork	1
31	U94185AF	Screw	2
32	U94185W	Screw	2
33	U94139	Worm Gear	1
34	U94190E	Ball Bearing	1
35	U94188F	Washer	1
36	U94188G	Wave Washer	1
37	U94169H	Rubber "O" Ring	1
38	U94190G	Retaining Plate	1
39	U94185L	Screw, for retaining plate	3
40	U94193F	Oil Shield	1
41	U94121B	Pulley	1
42	U94185AG	Screw, for pulley	2
43	U94188H	Washer	1
44	U94185AH	Screw, for crankshaft	1
45	U94121	Handwheel	1
46	U94188J	Spring Washer	3
47	U94185AJ	Screw, for handwheel	3



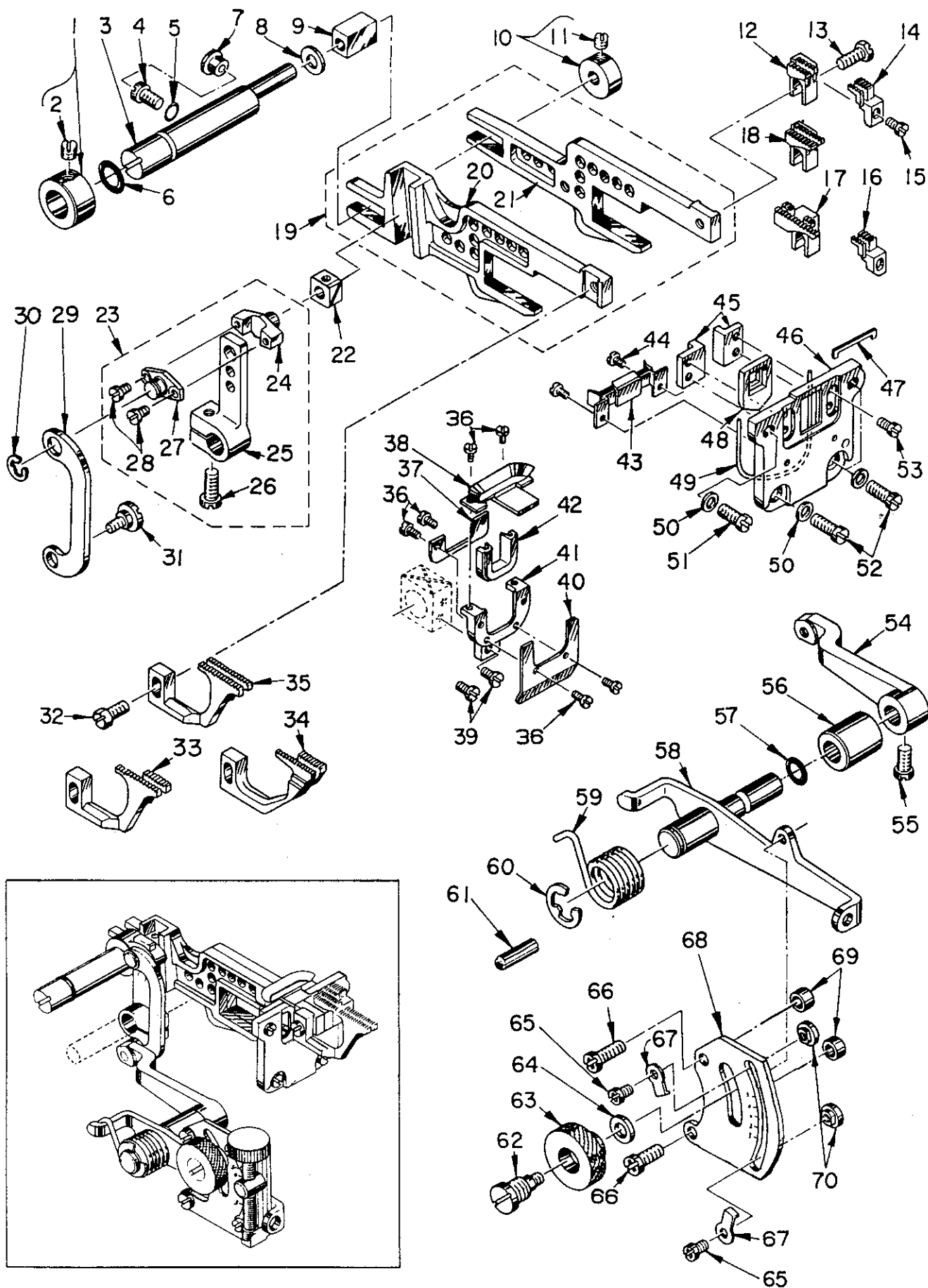
NEEDLE DRIVE, NEEDLE HEAD, EYELET & TAKE-UP PARTS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94152	Needle Drive Lever Shaft	1
2	U94193U	Oil Wick	1
3	U94190L	Bushing	1
4	U94185AK	Screw, for bushing	1
5	U94152C	Thrust Collar	1
6	U94185BG	Screw, for thrust collar	2
7	U94152G	Needle Drive Lever Assembly	1
8	U94193L	Oil Shield	1
9	U94152H	Connecting Pin	1
10	U94193U	Oil Wick	1
11	U94193P	Plug	2
12	U94193N	Outer Sleeve	1
13	U94185BF	Screw	1
14	U94185AM	Screw, for needle thread presser	2
15	U94152B	Needle Thread Presser	2
16	U94185J	Screw, for needle drive shaft cover	2
17	U94182V	Cover, for needle drive shaft	2
18	U94190K	Bearing	4
19	U94152E	Needle Drive Shaft	1
20	U94193G	Oil Wick	1
21	U94193H	Oil Cap	1
22	U94193K	Oil Felt	3
23	U94169J	Plug Cap, for needle cooler	1
24	U94193J	Oil Felt	1
25	U94193M	Oil Seal.....	1
26	U94190H	Bushing, front.....	1
27	U94152A	Thrust Collar.....	1
28	U94185AL	Screw.....	2
29	U94152F	Forked Crank Assembly.....	1
30	U94185W	Screw, for forked crank.....	1
31	U94152K	Crank Pin.....	1
32	U94190J	Bushing, rear.....	1
33	U94185AK	Screw, for front bushing.....	1
34	U94185AP	Screw, for needle clamp guide shaft base.....	2
35	U94188B	Washer.....	2
36	U94151A	Base, for needle clamp guide shaft.....	1
37	U94185AN	Screw, for needle clamp guide shaft.....	2
38	U94193V	Oil Tube Assembly.....	1
39	U94193U	Oil Wick.....	1
40	U94193T	Oil Wick Cover Bushing.....	1
41	U94162D	Oil Reservoir Bracket.....	1
42	U94185AT	Screw, for oil reservoir bracket.....	2
43	U94185AU	Screw.....	1
44	U94118	Needle Head, Style 904.....	1
45	U94185AV	Screw, for clamping needle.....	1
46	U94118A	Needle Head, Style 912, 914.....	1
47	U94185AV	Screw, for clamping needle.....	2
48	U94118B	Needle Head, Style 916.....	1
49	U94185AV	Screw, for clamping needle.....	2
50	U94185AM	Screw.....	2
51	U94158E	Needle Thread Eyelet, Style 916.....	1
52	U94158D	Needle Thread Eyelet, Style 904, 912, 914.....	1
53	U94158C	Needle Thread Nipper Spring.....	1
54	U94158F	Needle Thread Take-up, Style 912, 914.....	1
55	U94158B	Needle Thread Take-up, Style 904, 916.....	1
56	U94185T	Screw.....	1
57	U94151	Needle Head Holder.....	1
58	U94193S	Oil Wick.....	1
59	U94193R	Needle Clamp Oil Felt.....	1
60	U94152L	Needle Clamp Guide Shaft.....	1
61	U94158A	Needle Thread Take-up Guide.....	1
62	U94185R	Screw, for take-up guide.....	1
63	U94185AR	Screw, for needle thread guide.....	1
64	U94158	Needle Thread Guide.....	1



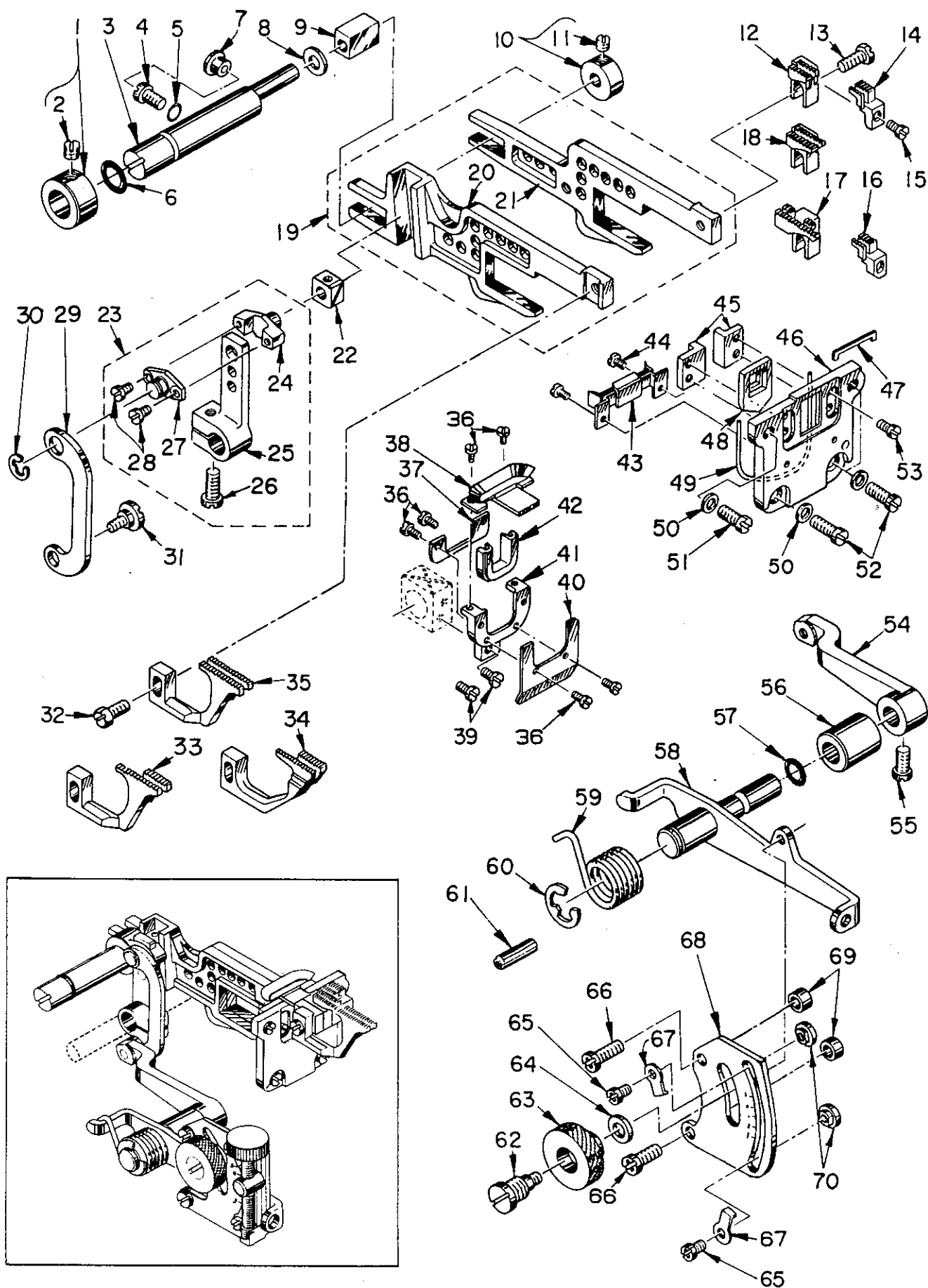
FEED ROCKER & ADJUSTABLE FEED REGULATOR PARTS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94136	Feed Rocker Assembly.....	1
2	U94187C	Nut.....	1
3	U94188M	Washer.....	1
4	U94136A	Main Feed Rocker.....	1
5	U94185AW	Screw, for main feed rocker.....	1
6	U94188L	Washer.....	1
7	U94136B	Feed Drive Eccentric Pin.....	1
8	U94136C	Main Feed Link.....	1
9	U94169M	Collar.....	1
10	U94188N	Washer.....	1
11	U94185AW	Screw.....	1
12	U94136D	Crank Pin.....	1
13	U94190M	Feed Rocker Shaft Bushing.....	1
14	U94169K	Rubber Plug.....	1
15	U94152J	Needle Drive Crank.....	1
16	U94185W	Screw.....	1
17	U94169N	Thrust Collar.....	2
18	U94185AU	Screw.....	4
19	U94185AX	Screw.....	1
20	U94190N	Feed Rocker Shaft Bushing.....	1
21	U94122A	Rocker Shaft.....	1
22	U94185AF	Screw, for connecting rod.....	1
23	U94136E	Adjustable Feed Regulator Assembly.....	1
24	U94136F	Connecting Rod.....	1
25	U94190P	Needle Bearing.....	1
26	U94136G	Ratchet Gear.....	1
27	U94185AY	Screw.....	1
28	U94185BA	Screw.....	1
29	U94136H	Ratchet Pawl Spring.....	1
30	U94185BB	Screw.....	1
31	U94136J	Ratchet Pawl.....	1
32	U94136K	Spring Pin.....	2
33	U94185BC	Screw.....	1
34	U94136N	Bracket.....	1
35	U94185BJ	Screw.....	2
36	U94185BD	Screw.....	2
37	U94187D	Nut.....	1
38	U94169L	Plug.....	1
39	U94185BE	Screw.....	1
40	U94188P	Washer.....	1
41	U94134	Slide Block.....	1
42	U94188S	Felt Washer.....	1
43	U94188R	Washer.....	1
44	U94136L	Spring.....	1
45	U94136M	Stitch Length Regulator Plunger.....	1
46	U94185BH	Screw.....	1
47	U94193W	Oil Wick.....	1
48	U94193Y	Oil Shield Plate.....	1
49	U94185E	Screw.....	1
50	U94185D	Screw.....	1



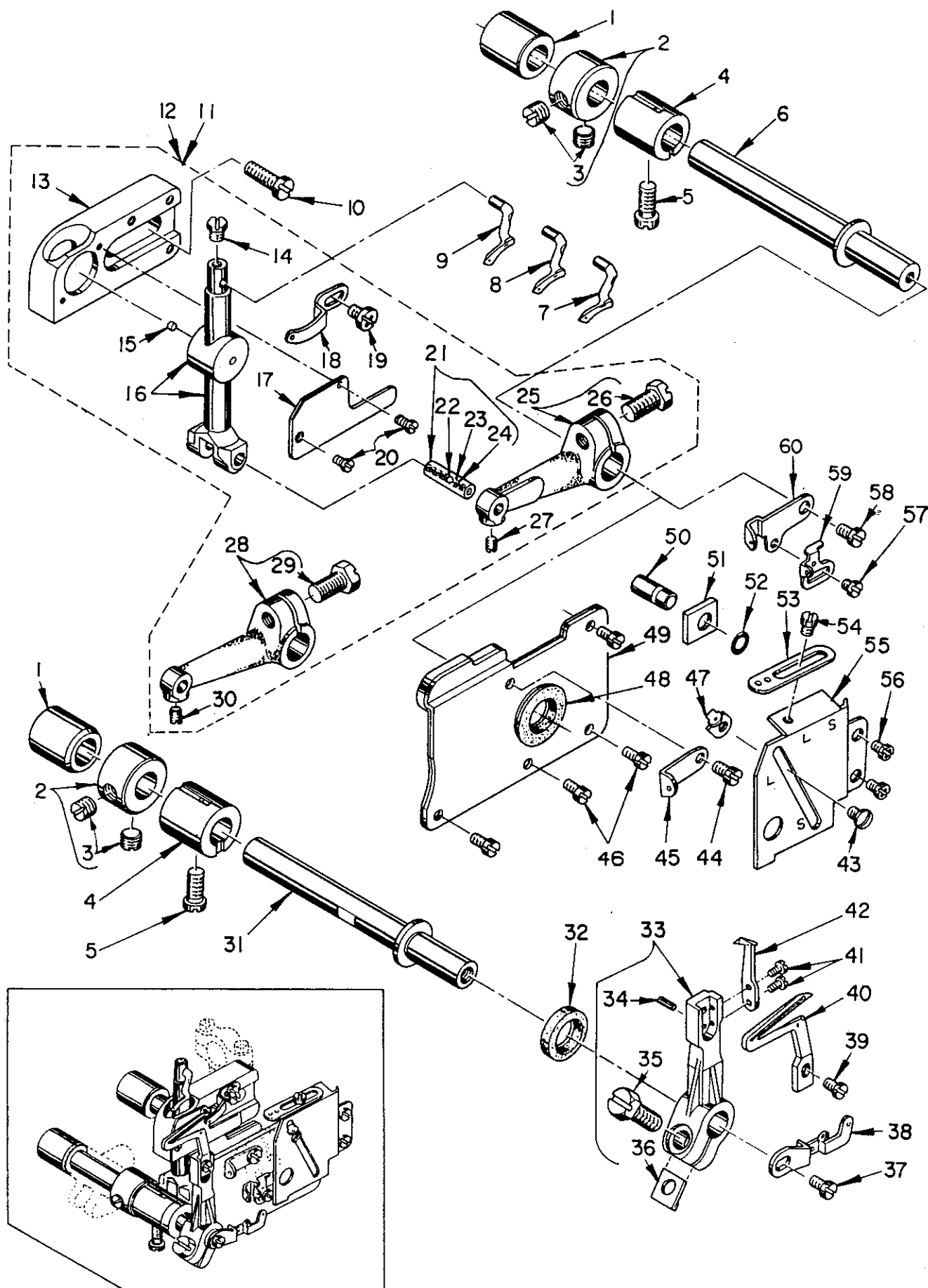
FEED DOGS, FEED BAR & DIFFERENTIAL FEED PARTS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94169T	Collar.....	1
2	U94185BL	Screw, for collar.....	1
3	U94122B	Feed Bar Shaft.....	1
4	U94185BK	Screw.....	1
5	U94169P	Rubber "O" Ring.....	1
6	U94169S	Rubber "O" Ring.....	1
7	U94169R	Rubber Plug.....	1
8	U94188T	Washer.....	1
9	U94134A	Slide Block.....	1
10	U94169U	Collar.....	1
11	U94185AU	Screw, for collar.....	1
12	U94105	Main Feed Dog, Style 904.....	1
13	U94185BM	Screw, for main feed dog.....	1
14	U94105C	Chaining Feed Dog, Style 904, 914.....	1
15	U94185BN	Screw, for chaining feed dog.....	1
16	U94105D	Chaining Feed Dog, Style 916.....	1
17	U94105B	Main Feed Dog, Style 916.....	1
18	U94105A	Main Feed Dog, Style 914.....	1
19	U94134K	Feed Bar Assembly	1
20	U94134B	Differential Feed Bar.....	1
21	U94134C	Main Feed Bar.....	1
22	U94134H	Slide Block, for differential feed.....	1
23	U94134D	Differential Feed Rocker Assembly.....	1
24	U94134E	Differential Feed Rocker Pin, inner.....	1
25	U94134G	Differential Feed Rocker.....	1
26	U94185AW	Screw.....	1
27	U94134F	Differential Feed Rocker Pin, outer.....	1
28	U94185AM	Screw.....	2
29	U94136P	Link.....	1
30	U94169V	Snap Ring.....	1
31	U94185BP	Shoulder Screw.....	1
32	U94185CX	Screw, for differential feed dog.....	1
33	U94126A	Differential Feed Dog, Style 914.....	1
34	U94126B	Differential Feed Dog, Style 916.....	1
35	U94126	Differential Feed Dog, Style 904.....	1
36	U94185BR	Screw.....	6
37	U94134M	Oil Seal Retainer.....	1
38	U94134L	Rubber Presser Plate.....	1
39	U94185BS	Screw.....	2
40	U94134R	Base Plate.....	1
41	U94134P	Oil Seal Holder.....	1
42	U94134N	Oil Seal.....	1
43	U94134S	Oil Shield.....	1
44	U94185BT	Screw, for oil shield.....	2
45	U94134T	Feed Bar Guides.....	2
46	U94134J	Feed Bar Guide Mounting Plate.....	1
47	U94134V	Rubber Seal.....	1
48	U94134U	Rubber Seal.....	1
49	U94134W	Rubber Seal.....	1
50	U94188U	Washer.....	4
51	U94185BN	Screw.....	1
52	U94185BU	Screw.....	3
53	U94185BV	Screw.....	4
54 thru 70		See following page	



FEED DOGS, FEED BAR & DIFFERENTIAL FEED PARTS

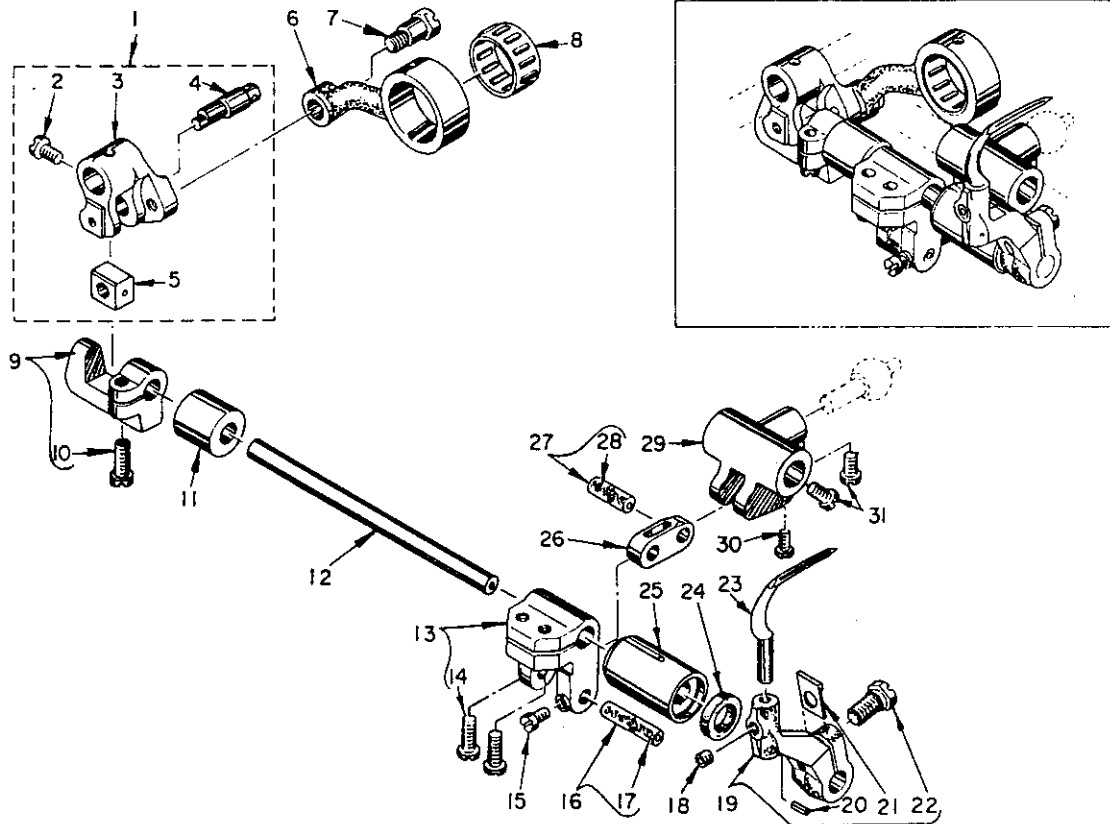
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1 thru 53		See preceding page	
54	U94137	Differential Feed Lever.....	1
55	U94185BK	Screw, for differential feed lever.....	1
56	U94190BR	Bushing.....	1
57	U94169W	Rubber "O" Ring.....	1
58	U94137B	Differential Feed Lever.....	1
59	U94137A	Spring.....	1
60	U94169X	Snap Ring.....	1
61	U94137C	Pin.....	1
62	U94137G	Differential Locking Screw.....	1
63	U94137F	Differential Locking Nut.....	1
64	U94188X	Washer.....	1
65	U94185BX	Screw, for stop nut.....	2
66	U94185BW	Screw.....	2
67	U94188W	Washer.....	2
68	U94137L	Differential Feed Indicator Plate	2
69	U94188V	Washer.....	2
70	U94137K	Stop Nut.....	2



UPPER & LOWER LOOPER ASSEMBLIES & TAKE-UP PARTS

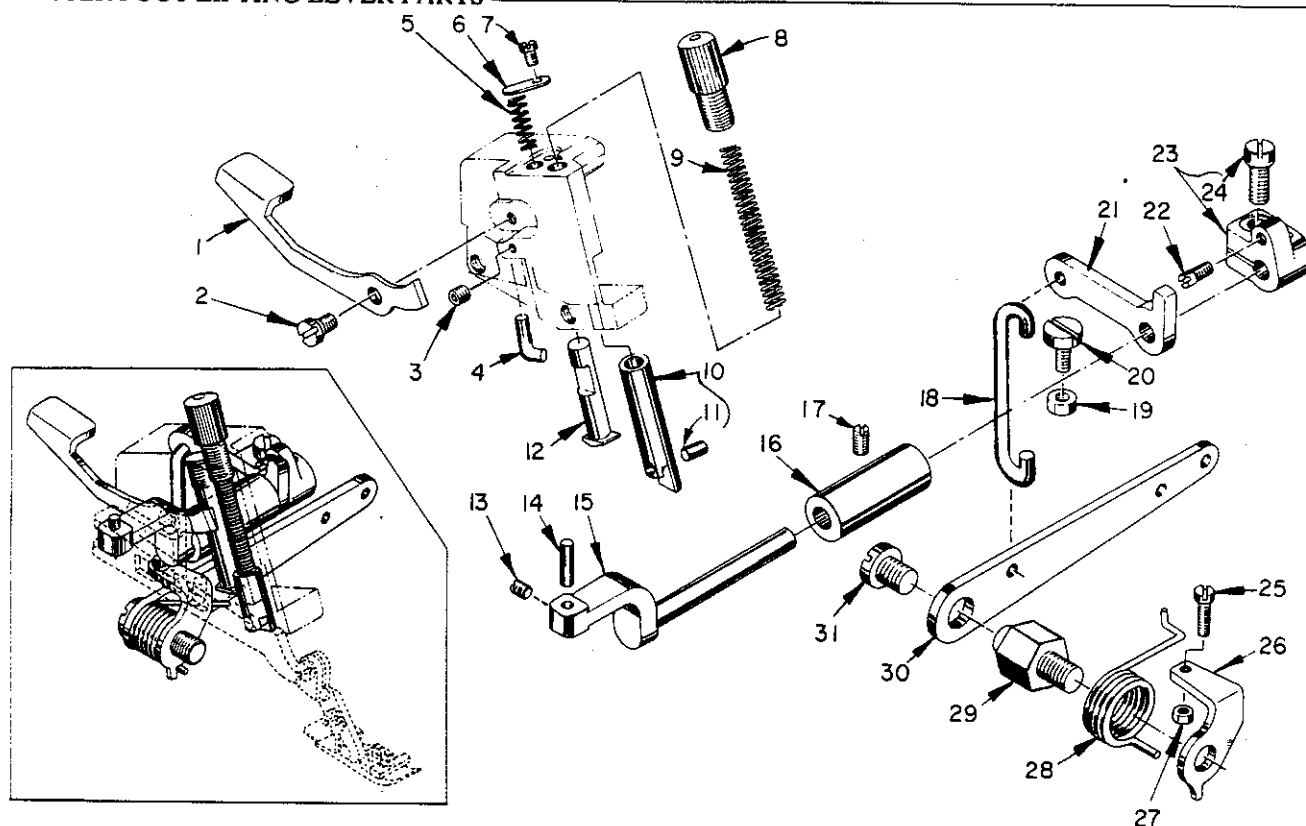
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94190S	Bushing, rear.....	2
2	U94143N	Collar.....	2
3	U94185BY	Screw.....	4
4	U94190T	Bushing, front.....	2
5	U94185AX	Screw.....	2
6	U94143M	Upper Looper Shaft.....	1
7	U94108-92	Upper Looper, Style 904, 914, 916.....	1
8	U94108-81	Upper Looper, Style 904, 914, 916.....	1
9	U94108-80	Upper Looper, Style 904, 916.....	1
10	U94185CA	Screw, for upper looper guide support.....	2
11	U94143F	Upper Looper Assembly, Style 914.....	1
12	U94143E	Upper Looper Assembly, Style 904, 916.....	1
13	U94143G	Upper Looper Guide Support.....	1
14	U94185CB	Screw, for clamping looper.....	1
15	U94193BR	Oil Felt.....	1
16	U94148	Looper Holder.....	1
17	U94143H	Guide Support Plate.....	1
18	U94168	Looper Eyelet.....	1
19	U94185CS	Screw, for looper eyelet.....	1
20	U94185CC	Screw, for guide support plate.....	2
21	U94143J	Pin Assembly.....	1
22	U94193AA	Oil Wick Stopper Ball.....	1
23	U94193U	Oil Wick.....	1
24	U94193AC	Oil Wick.....	1
25	U94143K	Looper Drive Lever, Style 904, 916.....	1
26	U94185W	Screw.....	1
27	U94185T	Screw.....	1
28	U94143L	Looper Drive Lever, Style 914.....	1
29	U94185W	Screw.....	1
30	U94185T	Screw.....	1
31	U94143T	Lower Looper Shaft.....	1
32	U94193AF	Oil Seal.....	1
33	U94143S	Lower Looper Drive Assembly.....	1
34	U94169AB	Roll Pin.....	1
35	U94185W	Screw.....	1
36	U94188AA	Washer.....	1
37	U94185P	Screw, for take-up.....	1
38	U94168G	Looper Thread Take-up.....	1
39	U94185CH	Screw, for lower looper.....	1
40	U94108-993	Lower Looper.....	1
41	U94185CG	Screw, for moving needle guard.....	2
42	U94125F	Moving Needle Guard, rear, all styles.....	1
43	U94185K	Screw, for lower looper eyelet.....	1
44	U94185CF	Screw, for eyelet.....	1
45	U94168F	Looper Thread Eyelet.....	1
46	U94185CE	Screw, for oil shield plate.....	1
47	U94168E	Lower Looper Thread Eyelet.....	1
48	U94193AE	Oil Seal.....	1
49	U94193AD	Oil Shield Plate.....	1
50	U94143P	Looper Gauge Pin.....	1
51	U94143R	Positioning Gauge.....	1
52	U94169P	Rubber "O" Ring.....	1
53	U94168C	Looper Thread Eyelet.....	1
54	U94185K	Screw, for eyelet.....	1
55	U94168D	Take-up Plate.....	1
56	U94185C	Screw, for take-up plate.....	2
57	U94185AM	Screw, for looper thread take-up.....	1
58	U94185P	Screw, for looper thread take-up.....	1
59	U94168B	Lower Looper Thread Take-up.....	1
60	U94168A	Looper Thread Take-up.....	1

SAFETY STITCH LOOPER DRIVE PARTS

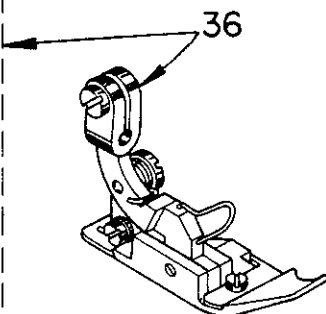
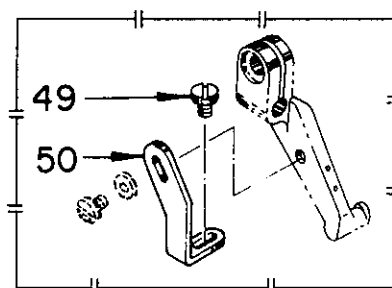
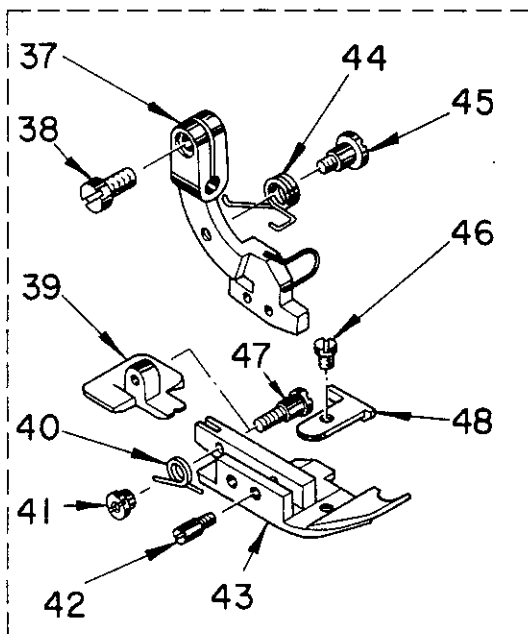
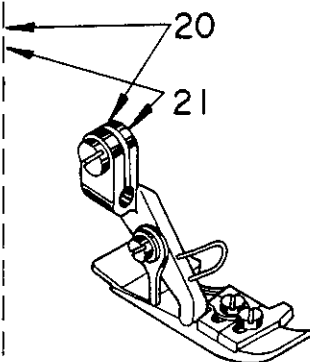
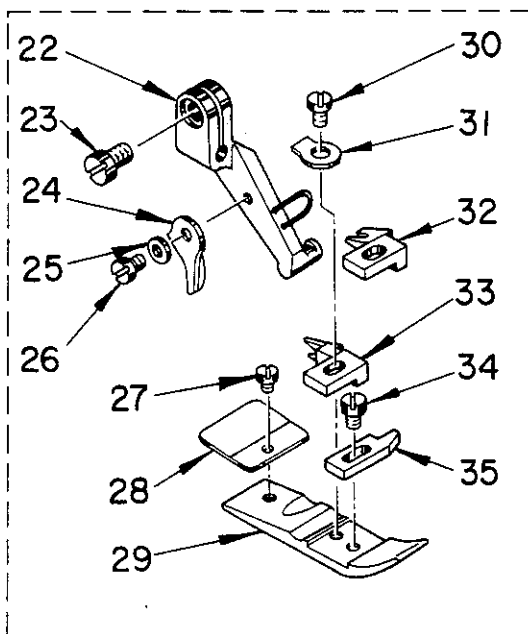
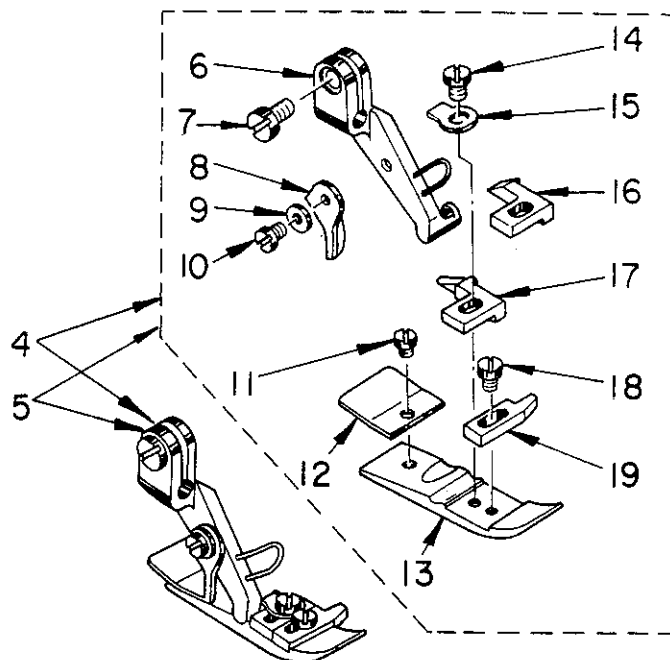
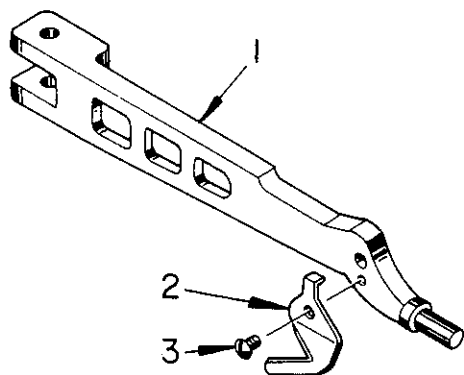


REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94143U	Slide Arm Assembly, Style 916.....	1
2	U94185CJ	Screw.....	1
3	U94143V	Slide Arm.....	1
4	U94143W	Slide Block Pin.....	1
5	U94143X	Slide Block.....	1
6	U94143Y	Connecting Rod.....	1
7	U94185EK	Shoulder Screw, for connecting rod.....	1
8	U94190V	Needle Bearing.....	1
9	U94143AA	Bracket Assembly.....	1
10	U94185AW	Screw.....	1
11	U94190W	Bushing, rear.....	1
12	U94143AB	Looper Shaft.....	1
13	U94143AC	Looper Shaft Driving Arm Assembly.....	1
14	U94185AW	Screw.....	2
15	U94185BN	Screw.....	1
16	U94143AD	Pin.....	1
17	U94193U	Oil Wick.....	1
18	U94185	Screw, for looper.....	1
19	U94143AH	Looper Drive Arm.....	1
20	U94169AB	Roll Pin.....	1
21	U94188AA	Washer.....	1
22	U94185W	Screw.....	1
23	U94109-294	Looper, safety stitch, Style 916.....	1
24	U94193AG	Oil Seal.....	1
25	U94190U	Bushing, front.....	1
26	U94143AE	Looper Shaft Driving Link.....	1
27	U94143AF	Pin.....	1
28	U94193U	Oil Wick.....	1
29	U94143AG	Ball Arm Driving Bracket.....	1
30	U94185BN	Screw, for driving bracket.....	1
31	U94185BA	Screw, for driving bracket.....	3

PRESSER FOOT LIFTING LEVER PARTS

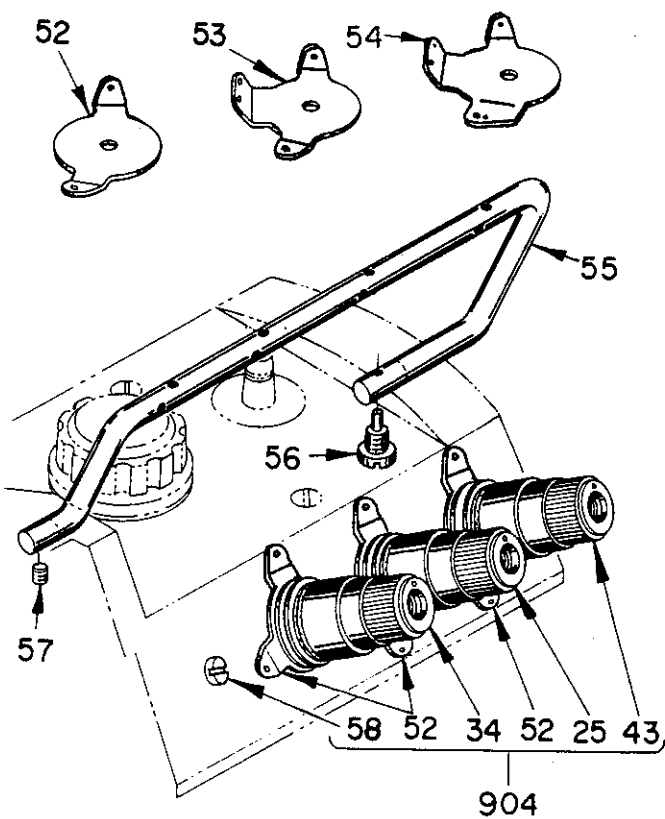
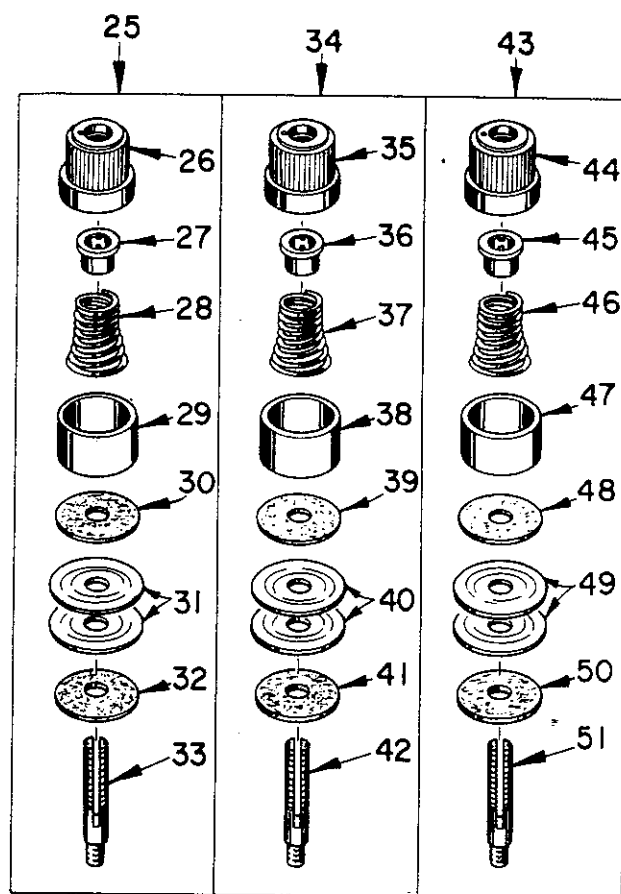
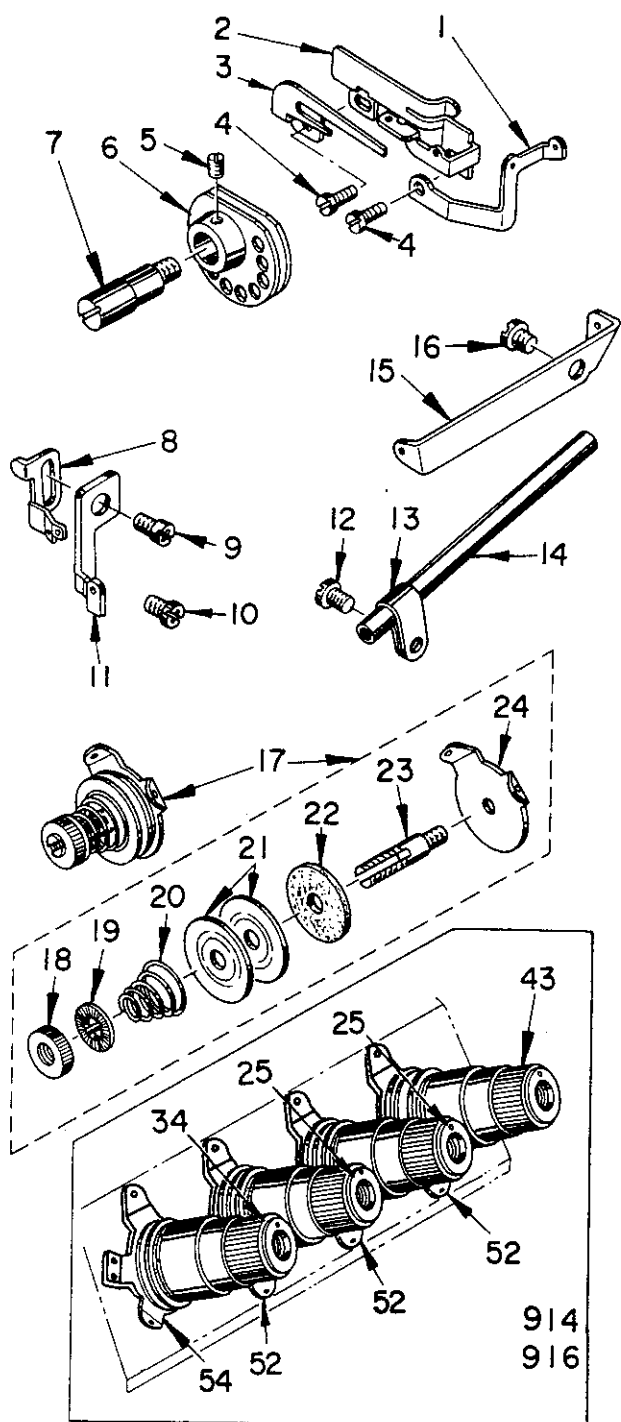


REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94155	Presser Foot Lift Lever.....	1
2	U94185CK	Screw, for lift lever.....	1
3	U94185C	Screw.....	1
4	U94155A	Stop.....	1
5	U94155B	Spring.....	1
6	U94188AB	Washer.....	1
7	U94185CL	Screw.....	1
8	U94155F	Presser Spring Regulator.....	1
9	U94157	Presser Spring.....	1
10	U94155D	Presser Bar.....	1
11	U94155S	Plastic Plug.....	1
12	U94155C	Presser Foot Lifting Bar.....	1
13	U94185CM	Screw.....	1
14	U94155G	Pin.....	1
15	U94155H	Presser Foot Shaft.....	1
16	U94190F	Bushing.....	1
17	U94185AK	Screw, for bushing.....	1
18	U94155J	Lifting Hook.....	1
19	U94187E	Nut.....	1
20	U94185CN	Screw.....	1
21	U94155K	Lifting Arm.....	1
22	U94155L	Pin.....	1
23	U94155M	Presser Arm Thrust Arm Assembly.....	1
24	U94185W	Screw.....	1
25	U94185EJ	Screw, for lever stop.....	1
26	U94155E	Lever Stop.....	1
27	U94187F	Nut.....	1
28	U94155P	Lifting Lever Spring.....	1
29	U94155N	Screw, for lifting lever.....	1
30	U94155R	Lifting Lever.....	1
31	U94185CP	Screw.....	1



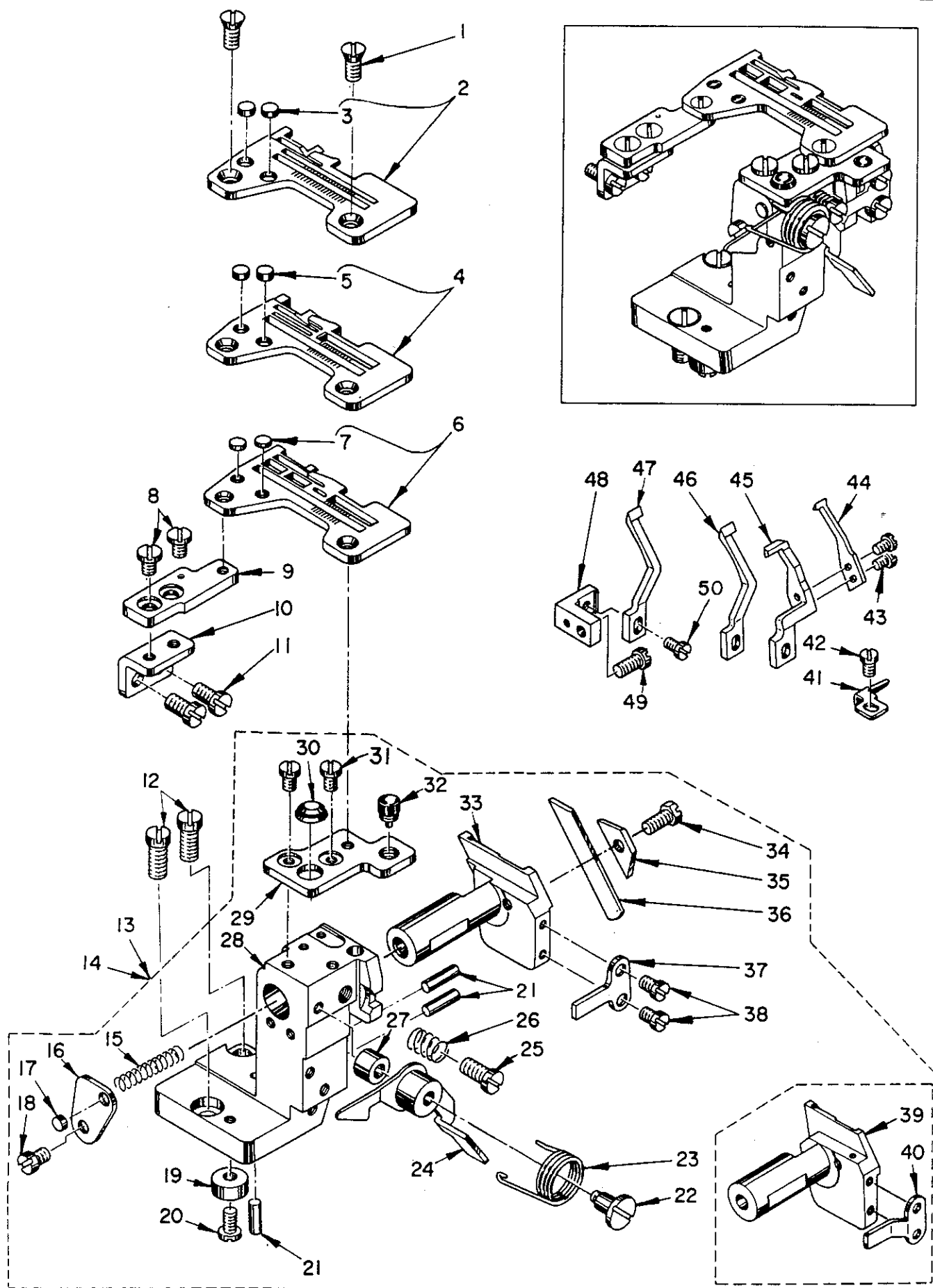
PRESSER FOOT PARTS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94156	Presser Foot Arm.....	1
2	U94156A	Chain Knife.....	1
3	U94185CR	Screw, for chain knife.....	1
4	U94120B	Presser Foot Assembly, Style 904.....	1
5	U94120C	Presser Foot Assembly, Style 904.....	1
6	U94130	Presser Foot Shank.....	1
7	U94185BV	Screw, for shank.....	1
8	U94130A	Presser Foot Stop.....	1
9	U94188AC	Washer.....	1
10	U94185CC	Screw, for presser foot stop.....	1
11	U94185CS	Screw, for chain shield.....	1
12	U94130B	Presser Foot Chain Shield.....	1
13	U94130C	Presser Foot.....	1
14	U94185CT	Screw, for spring.....	1
15	U94130D	Spring.....	1
16	U94197	Stitch Tongue	1
17	U94197A	Stitch Tongue.....	1
18	U94185CU	Screw.....	1
19	U94130E	Chip Guard.....	1
20	U94120F	Presser Foot Assembly, Style 914.....	1
21	U94120G	Presser Foot Assembly, Style 914.....	1
22	U94130	Presser Foot Shank.....	1
23	U94185BV	Screw, for shank.....	1
24	U94130A	Presser Foot Stop.....	1
25	U94188AC	Washer.....	1
26	U94185CC	Screw, for presser foot stop.....	1
27	U94185CS	Screw, for chain shield.....	1
28	U94130F	Presser Foot Chain Shield	1
29	U94130G	Presser Foot.....	1
30	U94185CT	Screw, for spring.....	1
31	U94130D	Spring.....	1
32	U94197B	Stitch Tongue.....	1
33	U94197C	Stitch Tongue.....	1
34	U94185CU	Screw, for chip guard.....	1
35	U94130E	Chip Guard.....	1
36	U94120J	Presser Foot Assembly, Style 916.....	1
37	U94130H	Presser Foot Shank.....	1
38	U94185BV	Screw, for shank.....	1
39	U94130J	Yielding Section.....	1
40	U94130K	Spring, for yielding section.....	1
41	U94187J	Nut.....	1
42	U94130L	Hinge Pin.....	1
43	U94130M	Presser Foot Bottom.....	1
44	U94130N	Presser Shank Spring.....	1
45	U94185CV	Shoulder Screw, for spring.....	1
46	U94185BJ	Screw, for chip guard.....	1
47	U94185CW	Shoulder Screw, for yielding section.....	1
48	U94130P	Chip Guard.....	1
49	U94185CU	Screw, for hold down plate.....	1
50	U94130R	Presser Foot Hold Down Plate.....	1



THREAD TENSION PARTS

REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94168J	Thread Eyelet, Style 916.....	1
2	U94168H	Looper Thread Guide, Style 916.....	1
3	U94168N	Thread Guide Hook, Style 916.....	1
4	U94185CD	Screw.....	2
5	U94185AU	Screw.....	1
6	U94123	Looper Take-up, Style 916.....	1
7	U94123A	Take-up Shaft, Style 916.....	1
8	U94158G	Needle Thread Eyelet.....	1
9	U94185C	Screw, for eyelet.....	1
10	U94185C	Screw, Style 916.....	1
11	U94158H	Needle Thread Eyelet, Style 916.....	1
12	U94185E	Screw, for thread tube.....	1
13	U94168M	Mounting Bracket, Style 916.....	1
14	U94168L	Looper Thread Guide Tube, Style 916.....	1
15	U94168K	Looper Thread Eyelet, Style 916.....	1
16	U94185CY	Screw, for eyelet.....	1
17	U94192	Tension Assembly, Style 916.....	1
18	U94192A	Tension Post Nut.....	1
19	U94192B	Tension Spring Ferrule.....	1
20	U94192C	Tension Spring.....	1
21	U94192D	Tension Disc.....	2
22	U94192E	Tension Disc Felt.....	1
23	U94192F	Thread Tension Post.....	1
24	U94158J	Tension Post Eyelet.....	1
25	U94192H	Tension Control Assembly, yellow.....	1
26	U94192J	Thread Tension Knob, yellow.....	1
27	U94192K	Tension Spring Bushing.....	1
28	U94192L	Tension Spring, for ref. no. 25.....	1
29	U94192M	Tension Spring Shield.....	1
30	U94192N	Tension Disc Felt.....	1
31	U94192D	Tension Disc.....	2
32	U94192E	Tension Disc Felt.....	1
33	U94192P	Tension Post.....	1
34	U94192R	Tension Control Assembly, red.....	1
35	U94192S	Thread Tension Knob, red.....	1
36	U94192K	Tension Spring Bushing.....	1
37	U94192T	Tension Spring, for ref. no. 34.....	1
38	U94192M	Tension Spring Shield.....	1
39	U94192N	Tension Disc Felt.....	1
40	U94192D	Tension Disc.....	2
41	U94192E	Tension Disc Felt.....	1
42	U94192P	Tension Post.....	1
43	U94192U	Tension Control Assembly, blue.....	1
44	U94192V	Thread Tension Knob, blue.....	1
45	U94192K	Tension Spring Bushing.....	1
46	U94192W	Tension Spring, for ref. no. 43.....	1
47	U94192M	Tension Spring Shield.....	1
48	U94192N	Tension Disc Felt.....	1
49	U94192D	Tension Disc.....	2
50	U94192E	Tension Disc Felt.....	1
51	U94192P	Tension Post.....	1
52	U94158T	Tension Post Eyelet.....	1
53	U94158R	Tension Post Eyelet.....	1
54	U94158S	Tension Post Eyelet.....	1
55	U94158N	Thread Eyelet Bar.....	1
56	U94185DA	Screw, for eyelet bar.....	1
57	U94185	Screw, for eyelet bar.....	1
58	U94185DC	Screw, Style 904, for eyelet plate	1

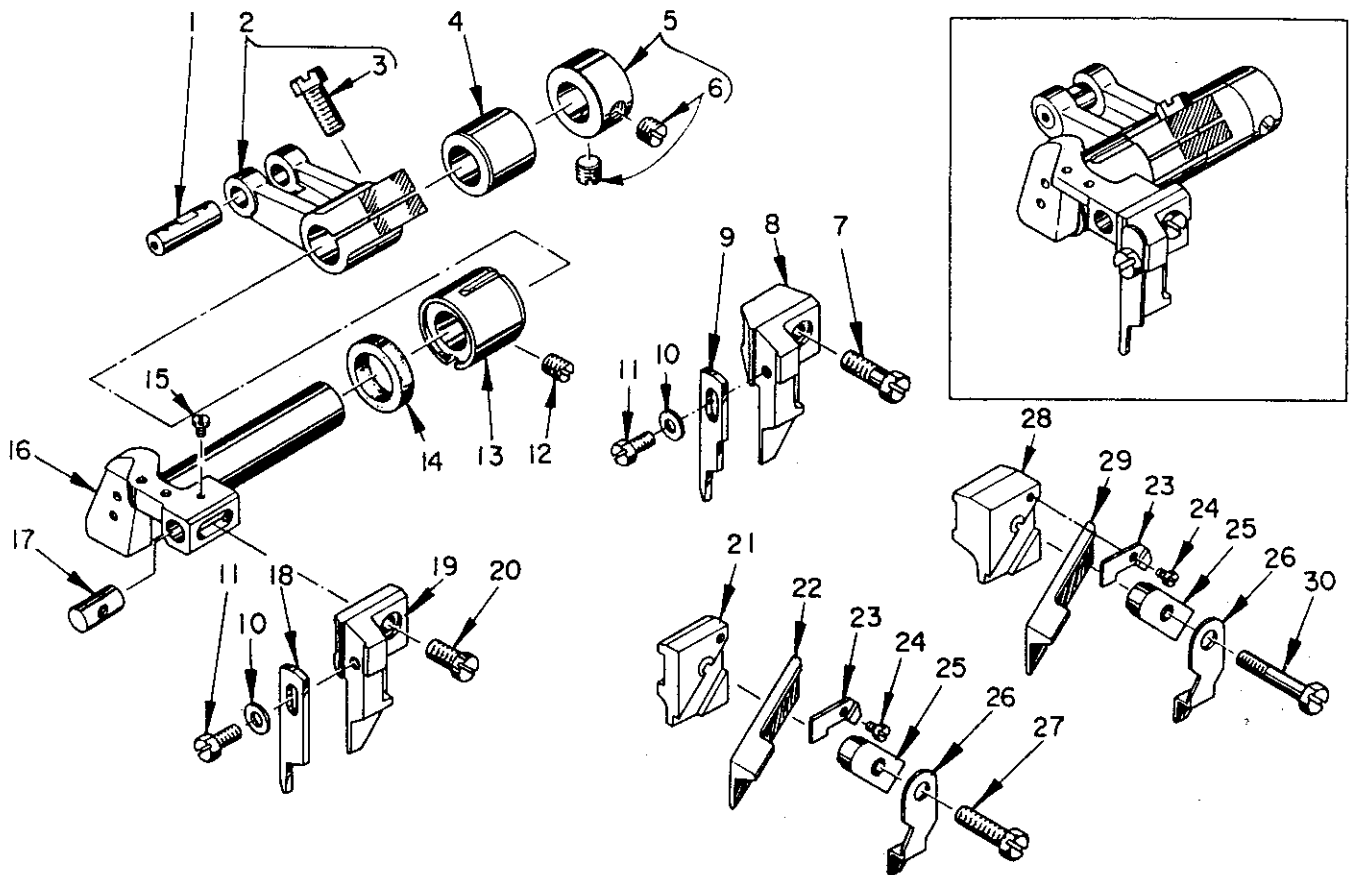


THROAT PLATE SUPPORT, LOWER KNIFE & NEEDLE GUARD PARTS

THREAD TENSION PARTS

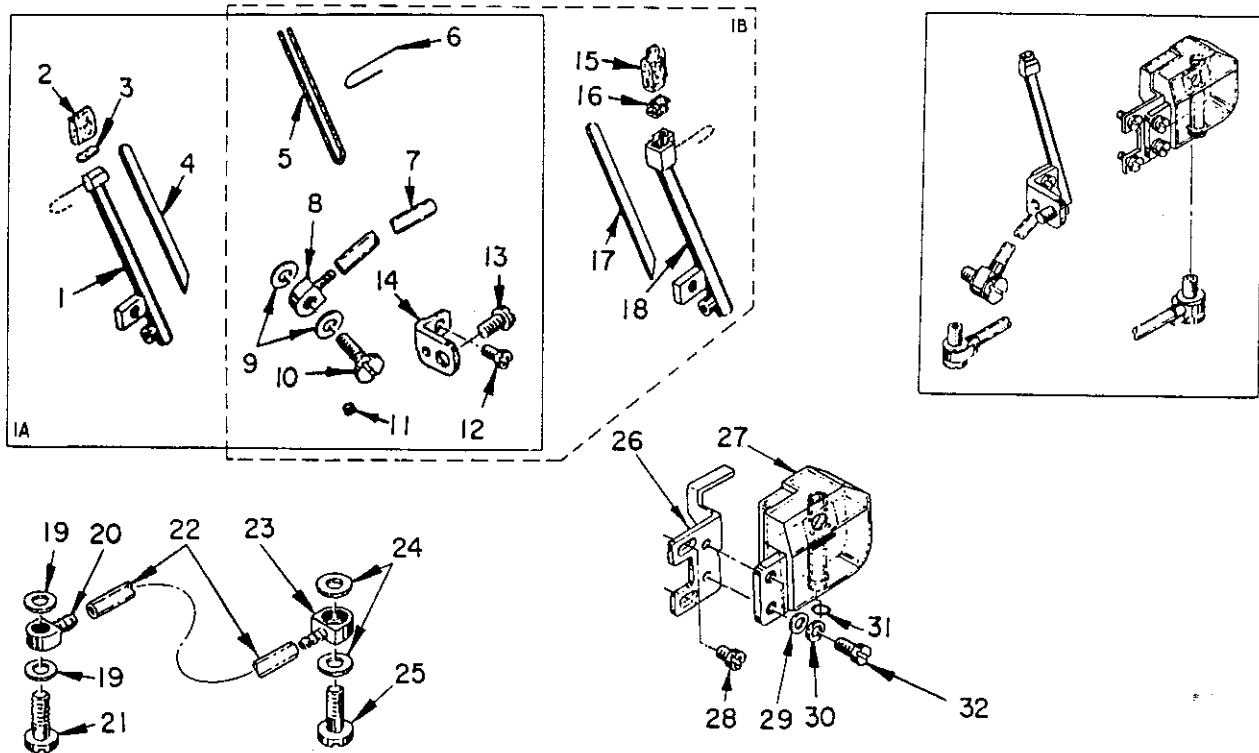
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94185DE	Screw, for throat plate.....	2
2	U94124A	Throat Plate Assembly, Style 904.....	1
3	U94169AC	Plug.....	2
4	U94124B	Throat Plate Assembly, Style 914.....	1
5	U94169AC	Plug.....	2
6	U94124C	Throat Plate Assembly, Style 916.....	1
7	U94169AC	Plug.....	2
8	U94185CL	Screw, for throat plate base.....	2
9	U94180	Throat Plate Base, rear.....	1
10	U94180A	Rear Throat Plate Base Retainer.....	1
11	U94185DF	Screw, for rear base retainer.....	2
12	U94185DJ	Screw, for block.....	2
13	U94150	Lower Knife Base Assembly, Style 916.....	1
14	U94150A	Lower Knife Base Assembly, Style 904, 914.....	1
15	U94150C	Spring.....	1
16	U94150B	Spring Retainer.....	1
17	U94169AC	Plug.....	1
18	U94185H	Screw, for spring retainer.....	1
19	U94188AD	Washer.....	1
20	U94185P	Screw.....	1
21	U94150J	Pin.....	3
22	U94185DH	Shoulder Screw.....	1
23	U94101J	Spring.....	1
24	U94101G	Cloth Plate Latch.....	1
25	U94185DG	Spring.....	1
26	U94150K	Spring.....	1
27	U94101H	Rubber Bushing.....	1
28	U94150D	Lower Knife Block.....	1
29	U94180B	Front Throat Plate Base.....	1
30	U94169AD	Rubber Plug.....	1
31	U94185CL	Screw, for front throat plate base.....	2
32	U94169AE	Rubber Plug.....	1
33	U94150L	Lower Knife Holder.....	1
34	U94185BN	Screw, for lower knife clamp.....	1
35	U94150E	Lower Knife Clamp.....	1
36	U94149	Lower Knife.....	1
37	U94150F	Positioner.....	1
38	U94185DD	Screw, for knife positioner.....	2
39	U94150G	Lower Knife Holder, Style 916.....	1
40	U94150H	Knife Positioner, Style 916.....	1
41	U94125E	Needle Guard, Style 916.....	1
42	U94185S	Screw for ref. no. 41.....	1
43	U94185BT	Screw, for front needle guard, Style 916.....	3
44	U94125D	Needle Guard, Style 916.....	1
45	U94125C	Needle Guard, rear, Style 916.....	1
46	U94125B	Needle Guard, front, Style 914.....	1
47	U94125A	Needle Guard, front, Style 904.....	1
48	U94125	Needle Guard Holder.....	1
49	U94185P	Screw, for needle guard holder.....	1
50	U94185DK	Screw, for front needle guard.....	1

UPPER KNIFE DRIVING PARTS

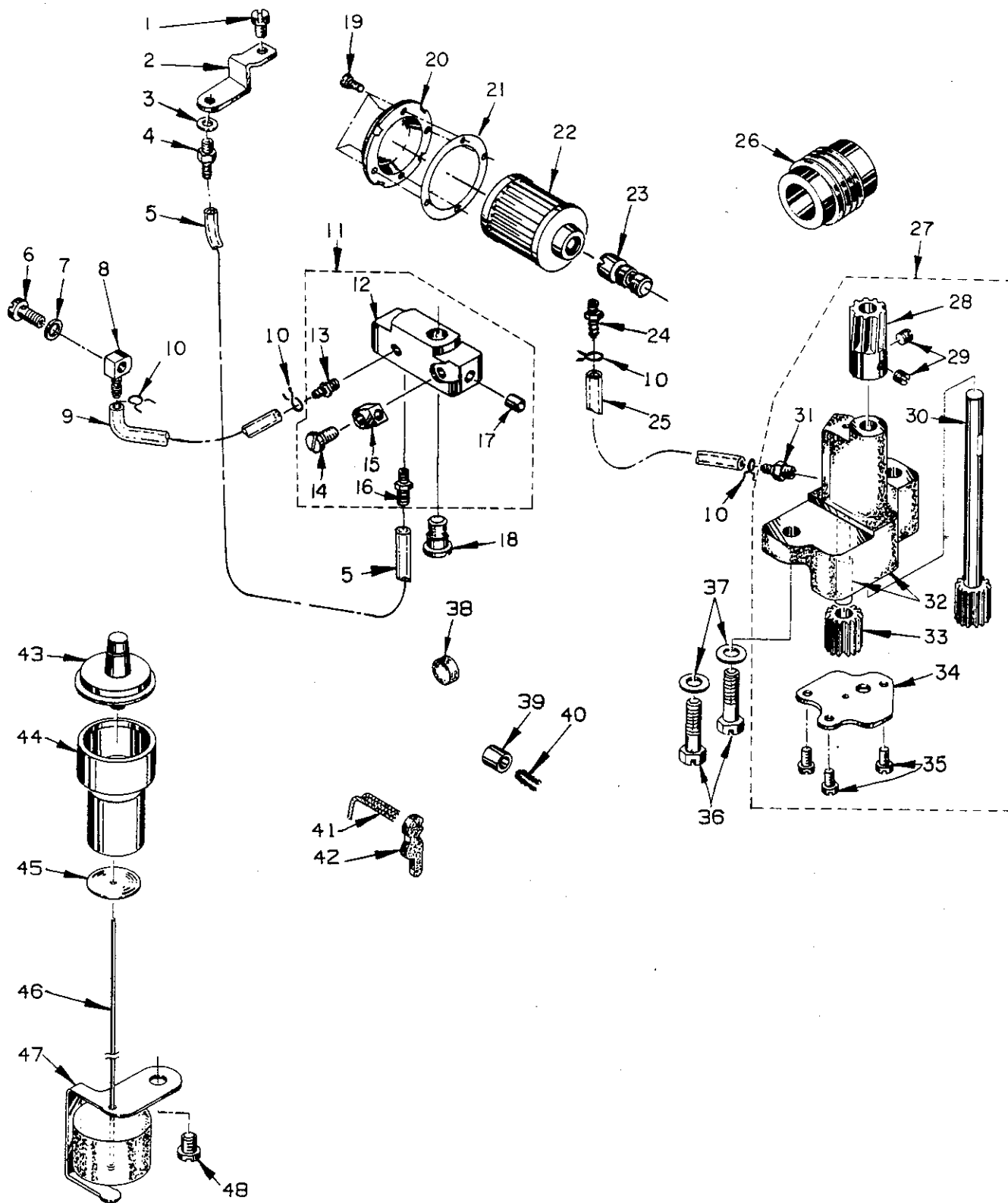


REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94173B	Pin.....	1
2	U94173A	Upper Knife Driving Lever.....	1
3	U94185DL	Screw.....	1
4	U94190X	Bushing, rear.....	1
5	U94173C	Thrust Collar Assembly.....	1
6	U94185BL	Screw.....	2
7	U94185DR	Screw, for ref. no. 8.....	1
8	U94172A	Upper Knife Holder, Style 916.....	1
9	U94170A	Upper Knife, Style 916.....	1
10	U94188E	Washer, for ref. no. 11.....	1
11	U94185DN	Screw, for ref. no. 9, 18.....	1
12	U94185AK	Screw, for front bushing.....	1
13	U94190Y	Front Bushing.....	1
14	U94193X	Oil Seal.....	1
15	U94185EL	Screw, for upper knife guide pin.....	1
16	U94173E	Knife Driving Arm.....	1
17	U94173D	Upper Knife Guide Pin.....	1
18	U94170	Upper Knife, Style 904, 914.....	1
19	U94172	Upper Knife Holder, Style 904, 914.....	1
20	U94185DP	Screw, for ref. no. 19.....	1
21	U94172B	Upper Knife Holder, Style 904, 914.....	1
22	U94170B	Upper Knife, Style 904, 914.....	1
23	U94188AE	Washer.....	1
24	U94185DM	Screw.....	1
25	U94171	Upper Knife Clamp.....	1
26	U94171A	Upper Knife Cover.....	1
27	U94185DS	Screw, for ref. no. 21.....	1
28	U94172C	Upper Knife Holder, Style 916.....	1
29	U94170C	Upper Knife, Style 916.....	1
30	U94185DT	Screw, for ref. no. 28.....	1

NEEDLE COOLER PARTS



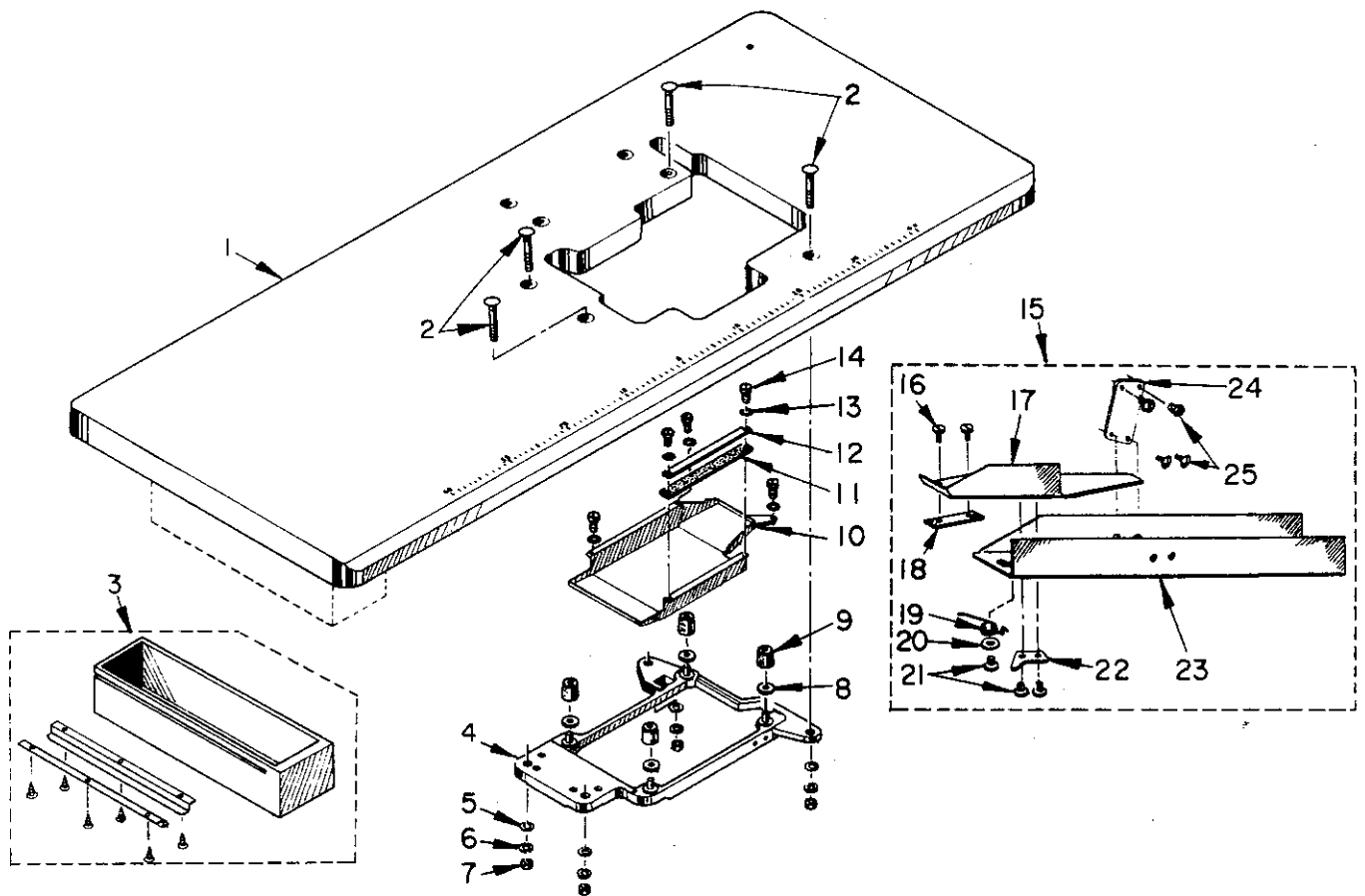
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1A	U21237	Needle Cooler Assembly, Style 904, 914, ref. no. 1 thru 14.....	1
1	U21237A	Needle Cooler.....	1
2	U94169AK	Felt.....	1
3	U94193BM	Sponge.....	1
4	U21237D	Plate.....	1
5	U94193AC	Oil Wick.....	1
6	U21237C	Wire.....	1
7	U94193AJ	White Vinyl Tube.....	1
8	U94193BK	Oil Connector.....	2
9	U94184J	Gasket.....	2
10	U94185EA	Screw, for oil connector.....	1
11	U94169AL	Plug.....	2
12	U94185CD	Screw.....	1
13	U94185P	Screw.....	1
14	U21237B	Support Bracket.....	1
1B	U21237E	Needle Cooler Assembly, Style 916, ref. no. 5 thru 18.....	1
15	U94193BN	Felt.....	1
16	U94193BP	Sponge.....	1
17	U21237F	Plate.....	1
18	U21237G	Needle Cooler.....	1
19	U94184G	Gasket.....	2
20	U94193AH	Oil Connector.....	1
21	U94185DY	Screw, for oil connector.....	1
22	U94193AJ	White Vinyl Tube.....	1
23	U94193BK	Oil Connector.....	1
24	U94184J	Gasket.....	2
25	U94185EA	Screw.....	1
26	U94162A	Silicon Tank Bracket.....	1
27	U94162	Silicon Oil Tank.....	1
28	U94185CD	Screw, for bracket.....	2
29	U94188E	Washer.....	2
30	U94188AF	Lock Washer.....	2
31	U94169AA	Rubber "O" Ring.....	1
32	U94185DU	Screw.....	2



OIL PUMP PARTS

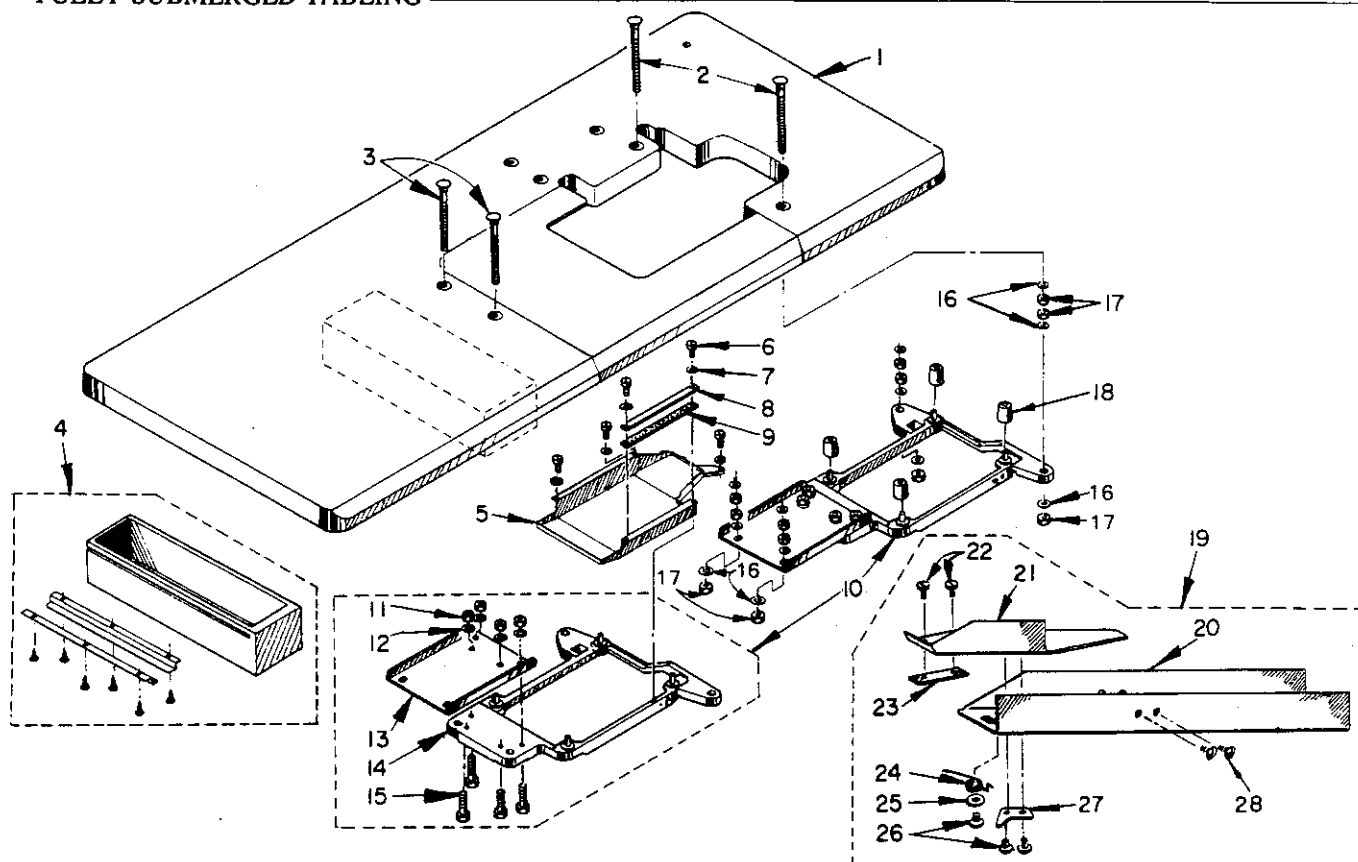
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	U94185CL	Screw.....	1
2	U94193AN	Oil Exhaust Holding Bracket.....	1
3	U94188U	Washer.....	1
4	U94193AP	Oil Exhaust Fitting.....	1
5	U94193AJ	Oil Tube.....	1
6	U94185DY	Screw, for oil connector.....	1
7	U94188AG	Washer.....	1
8	U94193AM	Oil Connector.....	1
9	U94193AJ	Oil Tube.....	1
10	U94193AW	Oil Tube Clamp.....	4
11	U94193BG	Oil Distributor Block Assembly.....	1
12	U94193BH	Oil Distributor Block.....	1
13	U94193AB	Oil Fitting.....	1
14	U94185DY	Screw, for worm joint.....	1
15	U94193BL	Worm Joint.....	1
16	U94193BA	Oil Fitting.....	1
17	U94169AJ	Plug.....	1
18	U94185EB	Screw, for distributor block.....	1
19	U94185DV	Screw, for filter cover.....	4
20	U94193	Filter Cover.....	1
21	U94184H	Filter Gasket.....	1
22	U94193BE	Oil Filter.....	1
23	U94193BF	Filter Guide.....	1
24	U94193BJ	Oil Fitting.....	1
25	U94193AJ	Oil Tube.....	1
26	U94139	Worm Gear.....	1
27	U94193BS	Oil Pump Assembly.....	1
28	U94139A	Worm Gear, driven.....	1
29	U94185AU	Screw.....	2
30	U94193AY	Oil Pump Shaft.....	1
31	U94193BA	Oil Fitting.....	1
32	U94193BB	Oil Pump.....	1
33	U94193BC	Oil Pump Pinion.....	1
34	U94193BD	Pump End Plate.....	1
35	U94185BV	Screw.....	3
36	U94193DX	Screw, for oil Pump.....	2
37	U94188K	Washer.....	2
38	U94193AL	Filter.....	1
39	U94190AA	Bushing.....	1
40	U94193U	Oil Wick	1
41	U94193U	Oil Wick.....	1
42	U94193AR	Upper Looper Guide Oil Felt.....	1
43	U94193AS	Oil Sight Gauge.....	1
44	U94193AT	Oil Sight Gauge Holder.....	1
45	U94188AH	Washer.....	1
46	U94193AU	Oil Float Assembly.....	1
47	U94193AV	Oil Float Assembly.....	1
48	U94185DW	Screw, for oil float support.....	1

SEMI-SUBMERGED TABLING

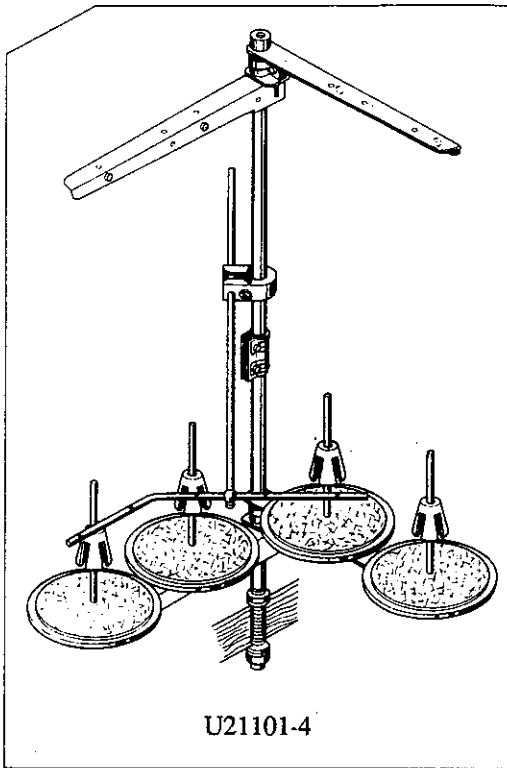


REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	21374CD-48	Table Board, semi-submerged.....	1
2	U94185EC	Bolt.....	4
3	21374Q	Drawer Assembly.....	1
4	U94195	Machine Support Plate.....	1
5	U94188AK	Washer.....	4
6	U94188AL	Lock Washer.....	4
7	U94187G	Nut.....	4
8	U94188AJ	Spacer.....	4
9	U94195B	Isolator.....	4
10	U94175D	Cooling Fan Case.....	1
11	U94175C	Sponge.....	1
12	U94175B	Sponge Retaining Plate.....	1
13	U94188E	Washer.....	5
14	U94185CE	Screw.....	5
15	U94178M	Chip Chute Assembly.....	1
16	U94185AT	Screw, for upper chip chute.....	2
17	U94178G	Chip Chute, upper.....	1
18	U94178H	Damper.....	1
19	U94178J	Spring.....	1
20	U94188E	Washer.....	1
21	U94185X	Screw.....	3
22	U94178F	Chip Chute Inlet Lever.....	1
23	U94178E	Chip Chute, lower.....	1
24	U94178N	Mounting Bracket.....	1
25	U94185AS	Screw.....	4

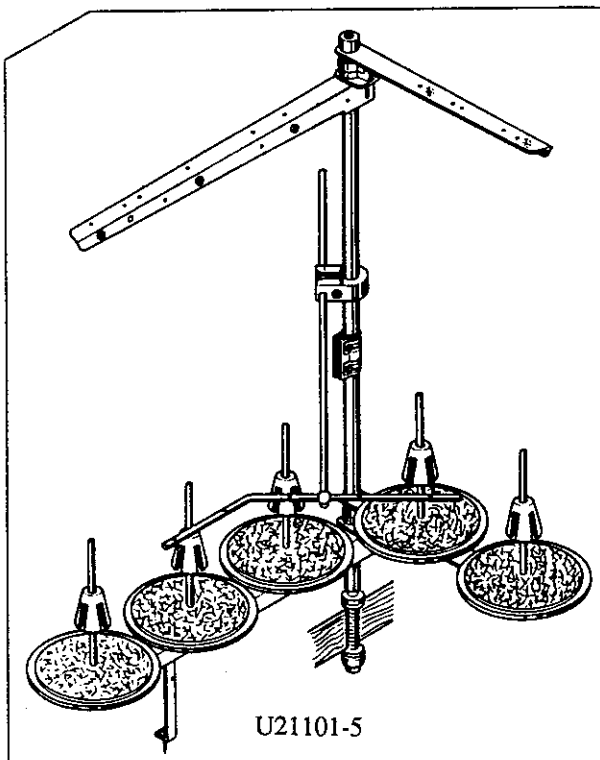
FULLY-SUBMERGED TABLING



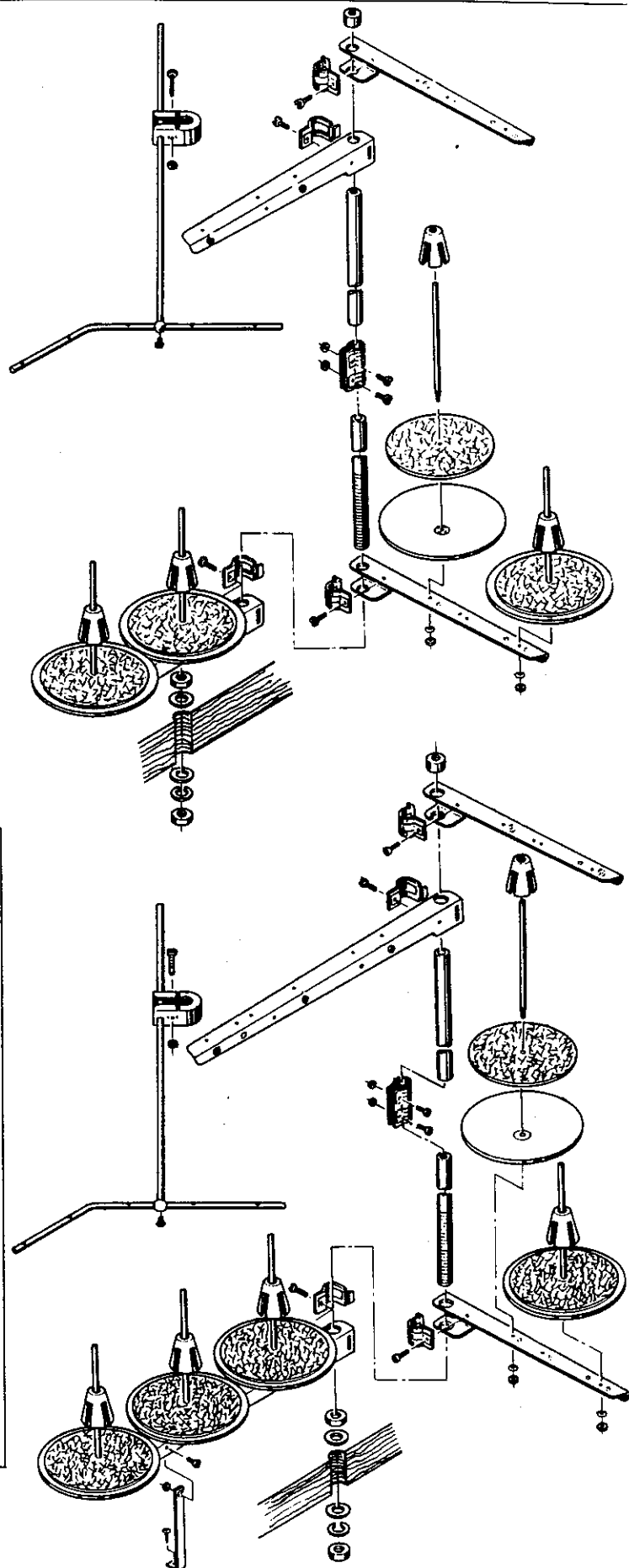
REF. NO.	PART NO.	DESCRIPTION	AMT. REQ.
1	21374CE-48	Table Board, fully submerged.....	1
2	U94185EF	Bolt, right side.....	2
3	U94185EE	Bolt, left side.....	2
4	21374Q	Drawer Assembly.....	1
5	U94175D	Cooling Fan Case.....	1
6	U94185CE	Screw.....	5
7	U94188E	Washer.....	5
8	U94175B	Sponge Retaining Plate.....	1
9	U94175C	Sponge.....	1
10	U94195A	Machine Support Plate.....	1
11	U94187H	Nut.....	4
12	U94188AM	Washer.....	4
13	U94195C	Auxiliary Machine Support Plate.....	1
14	U94195	Machine Support Plate.....	1
15	U94185EG	Screw.....	4
16	U94188AK	Washer.....	12
17	U94187G	Nut.....	12
18	U94195B	Isolator.....	4
19	U94178D	Chip Chute Assembly.....	1
20	U94178E	Chip Chute, lower.....	1
21	U94178G	Chip Chute Inlet.....	1
22	U94185AT	Screw.....	2
23	U94178H	Dampener.....	1
24	U94178J	Spring.....	1
25	U94188E	Washer.....	1
26	U94185X	Screw.....	3
27	U94178F	Chip Chute Inlet Lever.....	1
28	U94185AS	Screw, for chip chute.....	2



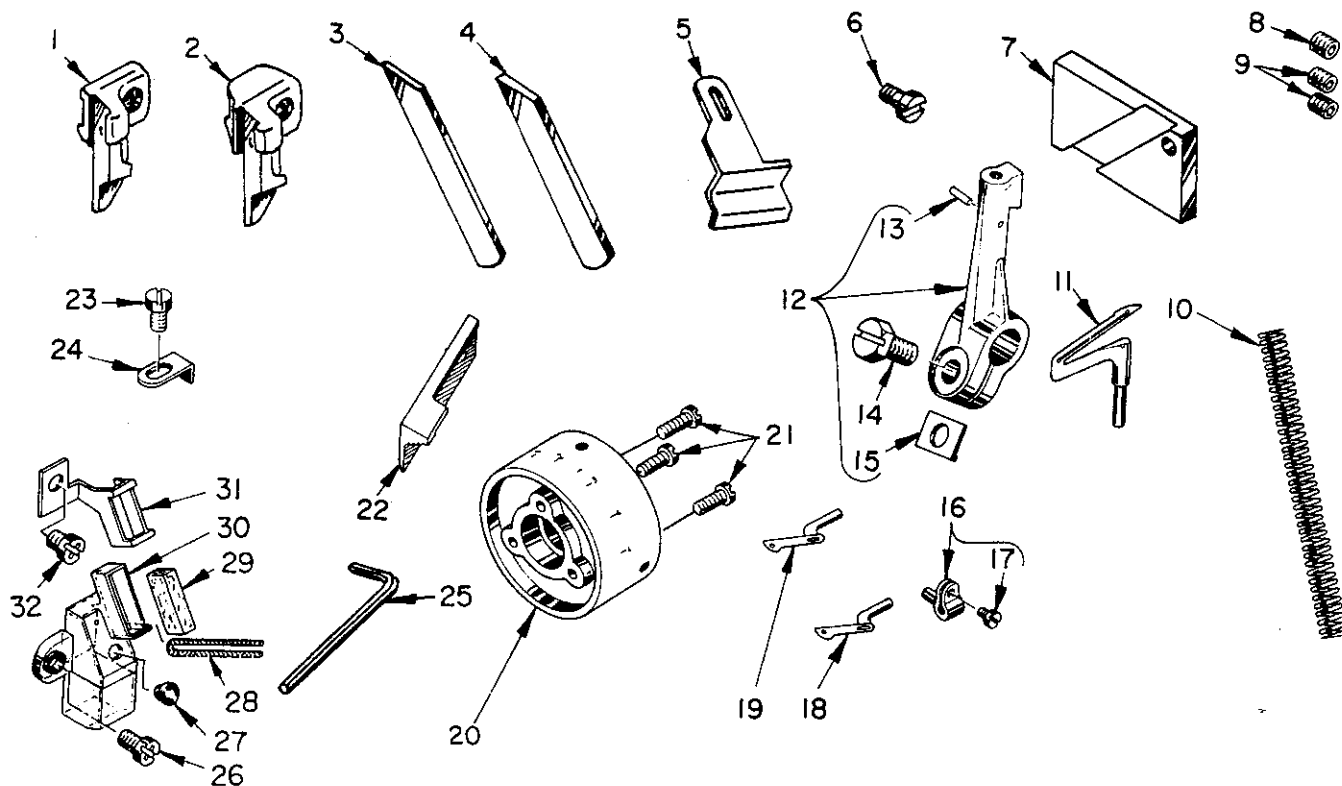
Three/Four Spool Thread Stand Assembly



Five Spool Thread Stand Assembly

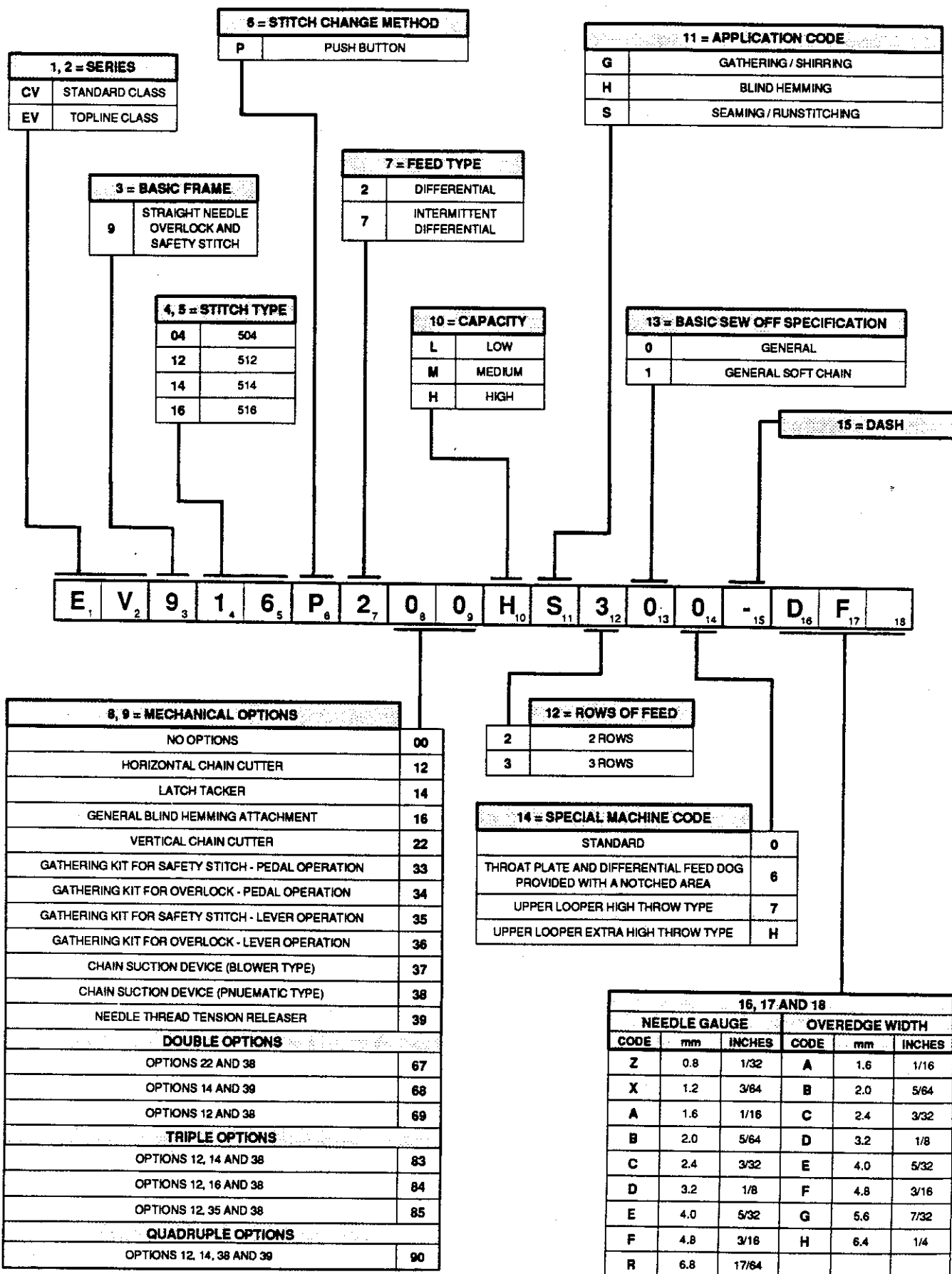


MISCELLANEOUS PARTS



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1	U94172D	Upper Knife Holder, Style 904, 914.....	1
2	U94172E	Upper Knife Holder, Style 916.....	1
3	U94149A	Lower Knife, carbide.....	1
4	U94149B	Lower Knife.....	1
5	U94171B	Upper Knife Chain Guard.....	1
6	U94185BT	Screw.....	1
7	U21227	Gauge, for setting angle on lower knife	1
8	U94185A	Screw, Style 904, for needle set	1
9	U94185A	Screw, Style 914, 916, for needle set	2
10	U94157A	Spring, for light-weight materials	1
11	U94108-K804	Lower Looper, for wide width.....	1
12	U94143AK	Lower Looper Drive Arm Assembly, for wide width	1
13	U94169AB	Roll Pin.....	1
14	U94185W	Screw.....	1
15	U94188AA	Washer.....	1
16	U94148A	Upper Looper Holder.....	1
17	U94185AM	Screw.....	1
18	U94108-J040	Upper Looper, Style 904, 916.....	1
19	U94108-J140	Upper Looper, Style 914.....	1
20	U94121A	Handwheel, for synchronizer.....	1
21	U94185EJ	Screw, for handwheel.....	3
22	U94170D	Upper Knife, serrated, for heavy-weight materials.....	1
23	U94185EH	Screw, for ref. no. 24.....	1
24	U94130S	Presser Foot Chip Guard.....	1
25	WR65	Allen Wrench	1
26	U94185DV	Screw	1
27	U94169AH	Rubber Plug	1
28	U94193C	Oil Wick	1
29	U94193AK	Felt	1
30	U94162C	Silicon Oil Tank	1
31	U94162B	Felt Retainer	1
32	U94185C	Screw, for felt retainer	1

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