

Form 20124

(347)

Printed in U. S. A.

LIST OF PARTS



MACHINES

Nos. 147-110 and 147-111

* * REG. U. S. PAT. OFF. BY

THE SINGER MANUFACTURING COMPANY

INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold only by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 19407.

"TYPE D" OIL is stainless.

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INDEX

	Page
Accessories.....	25
Belt Guard.....	25
Bench Stand No. 79772.....	25
Bench Stand No. 135115.....	26
Fittings for Machine No. 147-110.....	22 to 24
Foot Lifter Parts.....	26
Knee Lifter Parts.....	27
Lap Seam Feller.....	27
Machine Bases.....	28
Machine Base Oil Drain Jar.....	29
Machine No. 147-110.....	7
Machine No. 147-111.....	21
Numerical List of Parts.....	31
Thread Unwinder.....	29

INSTRUCTIONS FOR ORDERING

In ordering from this list, use ONLY the part NUMBER in the FIRST column.

The number stamped on a Sewing Machine Part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the SAME PART in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A-Hardened, Polished, Nickel Plated and Buffed
- A.A-Buffed and Chromium Plated
- A.B-Hardened, Polished, Buffed and Chromium Plated
- A.C-Brown Baking Enamel Finish
- A.D-Gray Baking Enamel Finish
- A.E-Hardened, Bright Rumbled and Nickel Plated
- A.F-Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- A.G-Alumilite, Plain
- A.H-Alumilite, Dyed
- A.J-Polished, Nickel Plated and Chromium Plated
- A.K-Hardened, Polished, Nickel Plated and Chromium Plated
- A.L-Heat Treated for Toughness
- B-Polished, Nickel Plated and Buffed
- C-Hardened Only
- C.R-Hardened and Merlized
- D-Polished Only
- E-Soft, Not Polished
- F-Hardened and Polished
- F.J-Hardened, Polished and Nickel Plated
- G-Bright Rumbled and Nickel Plated
- H-Blued
- J-Nickel Plated Only
- K-Hardened and Nickel Plated
- L-Brass Plated
- M-Oxidized
- N-Japanned, Dull
- P-Japanned, Bright
- P.P-Wrinkle Finish
- R-Merlized
- S-Cadmium Plated
- T-Copper Plated
- T.A-Hardened, Polished, Copper and Nickel Plated and Buffed
- T.B-Copper and Nickel Plated and Polished
- T.J-Copper and Nickel Plated Only
- T.K-Hardened, Copper and Nickel Plated
- T.L-Copper and Brass Plated
- T.M-Copper Plated and Oxidized

INSTRUCTIONS FOR ORDERING - Continued

U-Zinc Plated
V-Silver Plated
W-Polished and Nickel Plated
X-Black Oxide, for Iron and Steel
X.C-Hardened and Black Oxide, for Iron or Steel
Y-Black Nickel Plated Only
Z-Chromium Plated
Z.A-Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
Z.B-Polished, Nickel Plated, Buffed and Chromium Plated
Z.C-Hardened and Chromium Plated
Z.D-Polished and Chromium Plated
Z.G-Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
Z.J-Nickel and Chromium Plated
Z.T-Copper and Chromium Plated

These letters MUST BE USED when they appear in the list;
and AFTER the number as in the list.

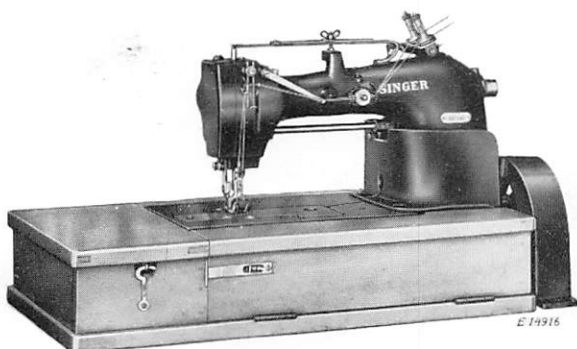
In this series:

1 to 1500, 50001 to 51500 and 140001 to 142000
are Screw Numbers
1501 to 1800 and 51501 to 51800 are Nut Numbers
1801 to 2000 and 51801 to 52000 are Roller Numbers
2001 to 50000 and 52001 to 140000 and 142001 to
190000 are Sewing Machine Parts, 190001 and upward
are numbers of Electrical Parts.

The figures in the second column refer only to the plates,
illustrating the parts, and are NOT TO BE USED in ordering.

Parts marked with an asterisk (*) are furnished only when
repairs are made at factory.

LIST OF PARTS COMPLETE FOR



MACHINE No. 147-110

For Seaming Trousers and Similar Fabrics. Independent Upper and Under Feed. Two needles, two loopers. Gauges from $\frac{3}{32}$ in. to $\frac{3}{8}$ in., in steps of $\frac{1}{32}$ in. Standard gauges are $\frac{3}{16}$ in. and $\frac{1}{4}$ in. Length of stitches up to 5 to the inch. Needle bar stroke $1\frac{5}{16}$ in. Speed 3800 R. P. M.

No.	Plate	Name
*131601	-----	Arm, upper and lower (solid) with 948J, 15404, 68483, two 131676 and four 131022.....
68428	20688	Arm Bottom Cover.....
68429	20688	" " " Gasket (cork).....
1057AL	20688	" " " Screw (4).....
50608R	20688	" Hole Plug Screw, for access to Crank Connecting Rod (upper bearing).....
139017	20688	Arm Hole Plug Screw Washer.....
68350	20679	" Oil Cup, for oiling Arm Rock Shaft Front Bearing.....
131864	20743	Arm Oil Cup for 131866.....
131865	20743	" " " Oil Gauge.....
131866	20743	Arm Oil Cup with Oil Gauge complete, for filling oil reservoir, Nos. 131864 and 131865.....

No.	Plate	Name
131319	20679	Arm Oil Cup Oil Pad (braided cotton) for 68350.....
11119	20679	Arm Oil Tube with 52045, for oiling Thread (upper) Nipper.....
56003	20679	Arm Oil Tube with 52045, for oiling Feed (upper) Bell Crank Connection Sleeve.....
52045	20679	Arm Oil Tube Packing (wick) (2).....
131693	20679	" Rock Shaft and Front Crank with 853AL.....
131694	-----	Arm Rock Shaft 131693 with 50328C, 131623 and two each 914J and 131695.....
1309C	20679	Arm Rock Shaft Adjusting Screw.....
131056	20679	" " " " " Washer.....
68433	20679	Arm Rock Shaft Bushing (back).....
68435	20679	" " " " " Cap...
131095	20679	" " " " " Washer (fibre).....
446AL	20679	Arm Rock Shaft Bushing (back) Set Screw.....
68436	20679	Arm Rock Shaft Bushing (intermediate).....
423AL	20679	Arm Rock Shaft Bushing (intermediate) Set Screw.....
131486	20743	Arm Rock Shaft Crank, back (ball bearing, solid) with two 50083AL
50083AL	20743	Arm Rock Shaft Crank, (back) Set Screw (2).....
131456	20679	Arm Rock Shaft Flanged Bushing (front).....
453AL	20679	Arm Rock Shaft Flanged Bushing (front) Set Screw.....
42365	20679	Arm Rock Shaft Oil Pad (braided cotton) for oiling Back Bearing.
54969	20679	Arm Rock Shaft Oil Pad (braided cotton) for oiling Intermediate Bearing.....
131487	20743	Arm Rotary Shaft.....
131604	-----	" " " 131487 with 640E, 131111, 131502, 131617 and 131931.....
131366	20743	Arm Rotary Shaft Ball Bearing (back) (2).....
131478	20743	Arm Rotary Shaft Ball Bearing (back) Case.....
131479	-----	Arm Rotary Shaft Ball Bearing (back) Case 131478 with 131369 and three 205C.....
131526	-----	Arm Rotary Shaft Ball Bearing (back) Case with Ball Bearings complete, Nos. 131479, 131480 and two 131366.....

No.	Plate	Name
131369	20743	Arm Rotary Shaft Ball Bearing (back) Case Cap.....
205C	20743	Arm Rotary Shaft Ball Bearing (back) Case Cap Screw (3).....
131370	20743	Arm Rotary Shaft Ball Bearing (back) Case Position Stud (3).....
429C	20743	Arm Rotary Shaft Ball Bearing (back) Case Set Screw.....
131480	20743	Arm Rotary Shaft Ball Bearing (back) Spacing Collar.....
131366	20743	Arm Rotary Shaft Ball Bearing (intermediate).....
131481	20743	Arm Rotary Shaft Ball Bearing (intermediate) Case.....
1304C	20743	Arm Rotary Shaft Ball Bearing (intermediate) Case Set Screw...
131482	20743	Arm Rotary Shaft Ball Bearing (intermediate) Collar with two 457AL.....
457AL	20743	Arm Rotary Shaft Ball Bearing (intermediate) Collar Set Screw (2).....
131457	20743	Arm Rotary Shaft Bushing (front)....
761E	20743	" " " " " Set Screw.....
42367	20743	Arm Rotary Shaft Front Bearing Oil Pad, lower (braided cotton)....
54218	20743	Arm Rotary Shaft Front Bearing Oil Pad, upper (braided cotton)....
144D	20743	Arm Rotary Shaft Screw.....
131276	20688	" Side Cover (oil vent).....
131909	20688	" " " Cap.....
131280	20688	" " " " Position Pin.....
1289X	20688	" " " " Screw.....
131910	20688	" " " " Spring.....
131911	20688	Arm Side Cover (oil vent) complete, Nos. 1289X, 131276, 131280, 131909 and 131910.....
68448	20688	Arm Side Cover Gasket.....
1057AL	20688	" " " Screw (4).....
131915	20743	Balance Wheel, 2 5/8 in. pulley, with two 51283AL.....
51283AL	20743	Balance Wheel Set Screw (2).....
131606	20685	Cloth Plate with 54309.....
54309	20685	" " Oil Tube with 49092.....
49092	20685	" " " " Packing (felt).....
68368	20685	" " Slide (left).....
131050	20685	" " " " Spring.....
725J	20685	" " " " " " Screw (2).....
131051	20685	Cloth Plate Slide (left) complete, Nos. 68368, 131050 and two 725J.
131607	20685	Cloth Plate Slide (right).....
131381	20685	" " " " Spring
725J	20685	" " " " " Screw (2).....

No.	Plate	Name
131608	20685	Cloth Plate Slide (right) complete, Nos. 131381, 131607 and two 725J
131609	20685	Cloth Plate complete, Nos: 131051, 131606 and 131608.....
1011F	20685	Cloth Plate Screw (left) (2).....
50396F	20685	" " " (right).....
131610	20685	" " Thread Guard.....
389F	20685	" " " " Screw (lower).....
50473F	20685	Cloth Plate Thread Guard Screw (upper).....
*131926	20743	Crank Connecting Rod with two each 1057AL, 51715AL, 131927 and 131928.....
Note: When No. 131926 is required for re- pairs, Connecting Rod and Arm Rock Shaft Crank (back) fitted together will be furnished. All Agency orders for this part must state the Machine Number for which it is required in order to obtain correct Needle Bar Stroke.....		
131931	-----	Crank Connecting Rod 131926 with 131486.....
131927	20743	Crank Connecting Rod Cap (lower) Screw Stud (2).....
51715AL	20743	Crank Connecting Rod Cap (lower) Screw Stud Nut (2).....
131928	20743	Crank Connecting Rod Cap (lower) Screw Stud Nut Lock Washer (2)..
1057AL	20743	Crank Connecting Rod Cap (upper) Screw (2).....
131645	20744	Face Plate with 12454 and 13862.....
12454	20744	" " Oil Tube (long) with 132590, for oiling Feed (upper) Bar Connecting Link (upper)....
13862	20744	Face Plate Oil Tube (short) with 52045, for oiling Feed (upper) Bar Connecting Link (upper)....
52045	20744	Face Plate Oil Tube Packing (wick)..
132590	20744	" " " " " (wick)..
142W	20744	" " Screw (2).....
68354	24401	Feed Dog, 17 teeth (16 teeth to the inch) for 3/32 in. to 5/32 in. gauges, for 52542.....
131849	24402	Feed Dog, 14 teeth (10 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 131850.....
131855	24402	Feed Dog, 14 teeth (10 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 131856.....
Note: When ordering Feed Dog state gauge re- quired.....		
140275J	24401	Feed Dog Screw.....
460AL	20746	" " Stop Screw.....

No.	Plate	Name
131941	20746	Feed (lower) Bar.....
131730	20746	" " " Feed Dog Seat (ad-justable) with 460AL.....
190J	20746	Feed (lower) Bar Feed Dog Seat Screw
22436	20746	" " " " " " Washer.....
131942	-----	Feed (lower) Bar with Feed Dog Leveling Device complete, Nos. 190E, 22436, 68467, 131730, 131941 and two 207E.....
131197	20746	Feed (lower) Bar Hinge Pin (eccentric).....
59343	20746	Feed (lower) Bar Hinge Pin Collar with 735AL.....
735AL	20746	Feed (lower) Bar Hinge Pin Collar Set Screw.....
131943	20746	Feed (lower) Bar Slide Block.....
131944	20746	" " " " " 131943 with 68495 and 134260.....
68495	20746	Feed (lower) Bar Slide Block Oil Pad (wick).....
134260	20746	Feed (lower) Bar Slide Block Oil Pad Retainer.....
68467	20746	Feed (lower) Bar Wearing Plate.....
207E	20746	" " " " " Screw (2).....
131500	20743	Feed (lower) Connecting Rod with 1057AL, 68497, 134260 and two 896AL.....
131502	-----	Feed (lower) Connecting Rod 131500 with 54025.....
896AL	20743	Feed (lower) Connecting Rod Cap Screw (2).....
1057AL	20743	Feed (lower) Connecting Rod Clamping Screw.....
68497	20743	Feed (lower) Connecting Rod Oil Pad (wick).....
134260	20743	Feed (lower) Connecting Rod Oil Pad Retainer.....
*54024	-----	Feed (lower) Eccentric with 138306..
*23729	-----	" " " Body.....
51061AL	20743	" " " " Set Screw (3).....
7071	20743	Feed (lower) Eccentric Clamping Washer (2).....
217J	20743	Feed (lower) Eccentric Clamping Washer Screw (2).....
138306	-----	Feed (lower) Eccentric Lubricating Pad (wood).....
54025	20743	Feed (lower) Eccentric (adjustable) complete, Nos. 1103C, 23729, 54024, two each 217J, 7071 and three 51061AL.....
1103C	20743	Feed (lower) Regulating Screw.....

PARTS FOR MACHINE No. 147-110

No.	Plate	Name
131240	20746	Feed (lower) Rocking Frame with two 453AL.....
131945	-----	Feed (lower) Rocking Frame 131240 with 59343, 131197 and 131942...
57234	20746	Feed (lower) Rocking Frame Hinge Pin (2).....
57235	20746	Feed (lower) Rocking Frame Hinge Pin Bushing (2).....
453AL	20746	Feed (lower) Rocking Frame Hinge Pin Bushing Set Screw (2).....
453AL	20746	Feed (lower) Rocking Frame Hinge Pin Set Screw (2).....
131646	20744	Feed (upper) Bar.....
131689	-----	" " " 131646 with 199D, 52595, 54143, 131647, 131690 and three 1423W.....
54143	20744	Feed (upper) Bar Connecting Link (lower).....
1423W	20744	Feed (upper) Bar Connecting Link (lower) Cap Screw (2).....
131647	20744	Feed (upper) Bar Connecting Link (upper).....
199D	20744	Feed (upper) Bar Connecting Link (upper) Cap Screw (large).....
1423W	20744	Feed (upper) Bar Connecting Link (upper) Cap Screw (small).....
131648	20744	Feed (upper) Bar Connecting Link (upper) Cushion (textolite)....
131649	20744	Feed (upper) Bar Lifting Bracket with 1250AL.....
1250AL	20744	Feed (upper) Bar Lifting Bracket Position Screw.....
192274	20744	Feed (upper) Bar Spring.....
140173C	20744	" " " " Cap Screw...
131650	20744	" " " " Thimble.....
131651	20744	" " Bell Crank.....
131690	-----	" " " " 131651 with 131648, 131650, 140173C and 192274.....
131621	20744	Feed (upper) Bell Crank Connection with 140268AL.....
140268AL	20744	Feed (upper) Bell Crank Connection Clamping Screw.....
131622	20744	Feed (upper) Bell Crank Connection Sleeve.....
131623	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block.....
131695	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Clamping Washer (2).....
914J	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Clamping Washer Screw (2).....

No.	Plate	Name
50328C	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Regulating Screw.....
131500	20743	Feed (upper) Connecting Rod with 1057AL, 68497, 134260 and two 896AL.....
131617	-----	Feed (upper) Connecting Rod 131500 with 54456.....
896AL	20743	Feed (upper) Connecting Rod Cap Screw (2).....
1057AL	20743	Feed (upper) Connecting Rod Clamping Screw.....
131618	20746	Feed (upper) Connecting Rod Crank with two 140123AL.....
140123AL	20746	Feed (upper) Connecting Rod Crank Set Screw (2).....
131619	20746	Feed (upper) Connecting Rod Hinge Stud.....
68497	20743	Feed (upper) Connecting Rod Oil Pad (wick).....
134260	20743	Feed (upper) Connecting Rod Oil Pad Retainer.....
*54024	-----	Feed (upper) Eccentric with 138306..
*54455	-----	" " " Body.....
51061AL	20743	" " " " Set Screw (3).....
7071	20743	Feed (upper) Eccentric Clamping Washer (2).....
217J	20743	Feed (upper) Eccentric Clamping Washer Screw (2).....
138306	-----	Feed (upper) Eccentric Lubricating Pad (wood).....
54456	20743	Feed (upper) Eccentric (adjustable) complete, Nos. 11030, 54024, 54455 and two each 217J, 7071 and three 51061AL.....
11030	20743	Feed (upper) Regulating Screw.....
54155	20746	" " Rock Shaft.....
54369	20746	" " " " Collar with two 465C.....
465C	20746	Feed (upper) Rock Shaft Collar Set Screw (2).....
54156	20746	Feed (upper) Rock Shaft Crank (back) with two 50200C.....
50200C	20746	Feed (upper) Rock Shaft Crank (back) Set Screw (2).....
52595	20744	Feed (upper) Rock Shaft Crank (front) with 1057AL.....
1057AL	20744	Feed (upper) Rock Shaft Crank (front) Clamping Screw.....
131624	20746	Feed (upper) Rock Shaft Pitman.....
131625	20746	" " " " " Crank with two 50200C.....
50200C	20746	Feed (upper) Rock Shaft Pitman Crank Set Screw (2).....

PARTS FOR MACHINE No. 147-110

No.	Plate	Name
131626	20746	Feed (upper) Rock Shaft Pitman Crank Shaft.....
131627	20746	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket.....
129E	20746	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket Screw (3).....
41F	20746	Feed (upper) Rock Shaft Pitman Hinge Screw (2).....
1520J	20746	Feed (upper) Rock Shaft Pitman Hinge Screw Nut (2).....
68195	24402	Feeding Foot for Lap Seam Felling...
54158	24401	" " Hinge Pin.....
54170	24401	" " Plate.....
203J	24401	" " Screw.....
54171	24401	" " Shank.....
54172	24401	Feeding Foot (hinged) complete, for plain stitching Nos. 54158, 54170 and 54171.....
Note: When ordering Nos. 54172 and 68195 state gauge required.....		
131458	24402	Looper (back) closed eye, for lap seam felling.....
131131	24401	Looper (back) closed eye, for general work.....
Note: When ordering No. 131131 or No. 131458, state gauge required.....		
452C	20747	Looper (back) Set Screw
131459	24402	" (front) closed eye, for lap seam felling.....
131132	24401	Looper (front) closed eye, for general work.....
Note: When ordering No. 131132 or No. 131459, state gauge required.....		
1120AL	20747	Looper (front) Set Screw.....
54027	20747	" Carrier with two 175E.....
175E	20747	" " Adjusting Screw (2)..
54227	20747	" " Connection.....
54228	20747	" " " Shaft.....
128419	20747	" " " Oil
Pad (braided cotton).....		
68478	20747	Looper Carrier Connection Shaft Sleeve (eccentric).....
51263D	20747	Looper Carrier Connection Shaft Sleeve Cap Screw.....
68479	20747	Looper Carrier Driver with four 175E
175E	20747	" " " Cap Screw (4).
131958	20747	" Driving Shaft and Feed Lifting Eccentric.....
*131111	-----	Looper Driving Shaft and Feed Lifting Eccentric 131958 with 54027, 54227, 54228 and 68479.....
*68483	-----	Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E.
948J	20743	Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw.....

No.	Plate	Name
131959	20747	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing.....
131028	20747	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing Oil Screw Plug.....
761E	20743	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing Position Screw.....
68497	-----	Looper Driving Shaft and Feed Lift- ing Eccentric Front Bearing Oil Pad (wick).....
640E	20743	Looper Driving Shaft and Feed Lift- ing Eccentric Screw.....
131052	20747	Looper Holder with 452C and 1120AL..
51119J	20747	" " Screw.....
68485	20747	" Throw-out Handle with two 443AL.....
68486	20747	Looper Throw-out Handle Plunger....
43503	20747	" " " "
		Spring.....
443AL	20747	Looper Throw-out Handle Set Screw (2).....
64319	20744	Needle Bar (hollow).....
131045	-----	Needle Bar complete, Nos. 64319 and 131044.....
131291	20744	Needle Bar Bushing (lower).....
1133E	20744	" " " " Set Screw
64320	20744	" " " (upper).....
1133E	20744	" " " " Set Screw
68488	20744	" " Connecting Link and Thread (upper) Controller.....
131399	-----	Needle Bar Connecting Link and Thread (upper) Controller 68488 with 68489 and 131400.....
68489	20744	Needle Bar Connecting Link Hinge Stud (hollow).....
1520J	20744	Needle Bar Connecting Link Hinge Stud Nut.....
131270	20744	Needle Bar Connecting Link Hinge Stud Oil Pad (wick).....
861F	20744	Needle Bar Connecting Link Hinge Stud Oil Plug Screw.....
853AL	20679	Needle Bar Connecting Link Hinge Stud Set Screw.....
131400	20744	Needle Bar Connecting Stud with 211F and 1492E.....
1492E	20744	Needle Bar Connecting Stud Clamping Screw.....
131044	20744	Needle Clamp with two 1498F.....
	Note:	When ordering No. 131044 state gauge required.....
54067	24401	Needle Guard (stationary) for 3/32 in. to 5/32 in. gauges.....
54068	24402	Needle Guard (stationary) for 3/16 in. to 9/32 in. gauges.....

No.	Plate	Name
54069	24402	Needle Guard (stationary) for 5/16 in. to 3/8 in. gauges.....
	Note:	When ordering Needle Guards state gauge required.....
54038	24401	Needle Guard (stationary) Holder....
176J	24401	" " " "
		Screw.....
217C	24401	Needle Guard (stationary) Screw.....
1498F	20744	" Set Screw (2).....
131636	20684	Oil Pipe (back of arm) with 68497, for oiling Feed (lower) Rocking Frame Hinge Pin Front Bearing...
58493	20684	Oil Pipe (back of arm) Clamp.....
176E	20684	" " " " " " Screw..
68494	20684	" " " " " " Connection with 68495 and two 198E, for oiling Feed (lower) Rocking Frame Hinge Pin Back Bearing and for oiling Feed (upper) Rock Shaft Pitman Crank Shaft (2)....
198E	20684	Oil Pipe (back of arm) Connection Cap Screw (4).....
68495	20684	Oil Pipe (back of arm) Connection Oil Pad (wick) (2).....
68496	20684	Oil Pipe (back of arm) Coupling (brass).....
1733	20684	Oil Pipe (back of arm) Coupling Nut (brass).....
68497	20684	Oil Pipe (back of arm) Oil Pad (wick).....
131637	20684	Oil Pipe (front of arm) with 131089 and two 1733, for oiling Looper Driving Shaft and Feed Lifting Eccentric Front Bearing.....
131112	20684	Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Bar Slide Block.....
68500	20684	Oil Pipe (front of arm) with 1733, 131084 and 131089, for oiling Arm Rotary Shaft Front Bearing..
131113	20684	Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Connecting Rod and Feed (upper) Connecting Rod (2).....
131638	-----	Oil Pipe (front of arm) complete, Nos. 68500, 131112, 131637 and two 131113.....
131002	20684	Oil Pipe (front of arm) Connection with two 198E, for oiling Looper Throw-out Device.....
131003	20684	Oil Pipe (front of arm) Connection with two 198E, for 131112 and 131113 (3).....
131084	20684	Oil Pipe (front of arm) Connection with two 198E, for 68500.....

No.	Plate	Name
198E	20684	Oil Pipe (front of arm) Connection Cap Screw (10).....
131004	20684	Oil Pipe (front of arm) Coupling (center) (brass).....
131004	20684	Oil Pipe (front of arm) Coupling (left) (brass).....
131087	20684	Oil Pipe (front of arm) Coupling (right).....
1733	20684	Oil Pipe (front of arm) Coupling Nut (brass) (3).....
131089	20684	Oil Pipe (front of arm) Oil Pad (wick) for 68500 and 131637 (2).
68497	20684	Oil Pipe (front of arm) Oil Pad (wick) for 131112 and 131113 (3)
57255	20744	Presser Bar.....
131629	20744	" " Bushing (lower).....
1133E	20744	" " " " Set Screw.....
38456	20744	Presser Bar Bushing (upper).....
1133E	20744	" " " " Set Screw.....
131630	20744	Presser Bar Lifting Bracket with 453AL.....
11173	20744	Presser Bar Lifting Bracket Guide...
453AL	20744	" " " " " " Set Screw.....
453AL	20744	Presser Bar Lifting Bracket Set Screw.....
131632	20748	Presser Bar Lifting Lever.....
68184	20748	" " " " Extension.
161J	20748	" " " " " " Screw (2).....
802D	20748	Presser Bar Lifting Lever Hinge Screw.....
131749	20688	Presser Bar Spring.....
131750	20688	" " " (auxiliary).....
131751	20688	" " " Screw Stud.....
1637J	20688	" " " " " Lock Nut.....
38468	20688	Presser Bar Spring Stud.....
131830	20688	Presser Bar Spring complete, Nos. 1637J, 51697W and 131749 to 131752.....
131851	20688	Presser Bar Spring (less auxiliary spring) complete, Nos. 1637J, 42290K, 51697W, 131749 and 131751.....
68196	24402	Presser Foot for lap seam felling...
52535	24401	" " for plain stitching....
	Note:	When ordering Nos. 52535 and 68196 state gauge required.....
190J	24401	Presser Foot Screw.....
51697W	20688	Pressure Regulating Thumb Nut.....
131752	20688	" " " " Washer for 131830.....

No.	Plate	Name
42290K	20688	Pressure Regulating Thumb Nut Washer for 131851.....
131025	20749	Slack Thread Controller.....
54242	20749	" " " Clamp.....
190J	20749	" " " " Screw.
131403	20749	" " Regulator.....
131404	20749	" " " Holder.....
131405	20749	" " " " Crank with 171AL.....
1423J	20749	Slack Thread Regulator Holder Crank Cap Screw.....
171AL	20749	Slack Thread Regulator Holder Crank Clamping Screw.....
131406	20749	Slack Thread Regulator Holder Crank Connecting Link.....
217J	20749	Slack Thread Regulator Screw.....
131012	20748	Tension (under thread) Bracket.....
691F	20748	" " " " Screw (2).....
2102	20748	Tension (under thread) Disc (4).....
51570C	20748	" " " Regulating Thumb Nut (2).....
50326C	20748	Tension (under thread) Screw Stud (2).....
59539	-----	Tension (under thread) Screw Stud 50326C with 51570C (2).....
131740	20748	Tension (under thread) Spring (2)...
59537	20748	" " " " Bush- ing (large) (2).....
59538	20748	Tension (under thread) Spring Bush- ing (small) (2).....
131696	20748	Tension (under thread) Thread Guide (2).....
54070	20748	Tension (upper thread) Bracket.....
376J	20748	" " " " Screw
2102	20748	" " " Disc (4).....
51570C	20748	" " " Regulating Thumb Nut (2).....
32572	20748	Tension (upper thread) Releasing Disc (2).....
54988	20748	Tension (upper thread) Releasing Pin (2).....
54071	20748	Tension (upper thread) Releasing Shaft.....
54047	20748	Tension (upper thread) Releasing Shaft Crank with 624AL.....
54048	20748	Tension (upper thread) Releasing Shaft Crank Link.....
624AL	20748	Tension (upper thread) Releasing Shaft Crank Set Screw.....
68261	20748	Tension (upper thread) Releasing Shaft Spring.....
131011	20748	Tension (upper thread) Releasing Shaft Spring Position Plate.....

No.	Plate	Name
316C	20748	Tension (upper thread) Releasing Shaft Stop Screw.....
1547J	20748	Tension (upper thread) Releasing Shaft Stop Screw Nut.....
50326C	20748	Tension (upper thread) Screw Stud (2).....
59539	-----	Tension (upper thread) Screw Stud 50326C with 51570C (2).....
131741	20748	Tension (upper thread) Spring (2)...
59537	20748	" " " " Bush- ing (large) (2).....
59538	20748	Tension (upper thread) Spring Bush- ing (small) (2).....
131696	20748	Tension (upper thread) Thread Guide (2).....
53225	20748	Thread (under) Eyelet (back).....
190J	20748	" " " " Screw..
131407	20743	" " Take-up with 1258AL..
131408	20750	" " " Oil Guard....
50438J	20750	" " " " " "
		Screw.....
1258AL	20743	Thread (under) Take-up Set Screw....
131824	20750	" " " Stripper.....
54242	20750	" " " " "
		Clamp.....
190J	20750	Thread (under) Take-up Stripper Clamp Screw.....
131825	20750	Thread (under) Take-up Stripper Plate.....
131411	20750	Thread (under) Take-up Stripper Plate Bracket.....
131934	20750	Thread (under) Take-up Stripper Plate Bracket 131411 with 32062, 50438J, 54242, 131408, 131413 to 131415, 131824, 131825, two each 207J, 7071, 50470J and four 190J
965D	20750	Thread (under) Take-up Stripper Plate Bracket Screw.....
190J	20750	Thread (under) Take-up Stripper Plate Screw (3).....
32062	20750	Thread (under) Take-up Stripper Washer.....
131413	20750	Thread (under) Take-up Thread Guard (fibre).....
50470J	20750	Thread (under) Take-up Thread Guard Screw (2).....
131414	20750	Thread (under) Take-up Thread Guide (left).....
207J	20750	Thread (under) Take-up Thread Guide (left) Screw.....
7071	20750	Thread (under) Take-up Thread Guide (left) Screw Washer.....
131415	20750	Thread (under) Take-up Thread Guide (right).....

No.	Plate	Name
207J	20750	Thread (under) Take-up Thread Guide (right) Screw.....
7071	20750	Thread (under) Take-up Thread Guide (right) Screw Washer.....
68129	20749	Thread (upper) Nipper Body.....
1149AL	20749	" " " " Set Screw
68130	20749	" " " " Disc (inside),
68131	20749	" " " " " "
		Washer (fibre).....
68132	20749	Thread (upper) Nipper Disc (outside)
1698R	20749	" " " " " "
		Nut.....
59456	20749	Thread (upper) Nipper Disc (outside)
		Nut Washer.....
68133	-----	Thread (upper) Nipper Roller.....
68134	-----	" " " " Hinge
		Pin.....
68135	-----	Thread (upper) Nipper Stud.....
68136	20749	" " " " 68135
		with 68133 and 68134.....
13218	20749	Thread (upper) Nipper Stud Spring...
68137	20749	Thread (upper) Nipper complete, Nos. 1698R, 13218, 59456, 68129 to 68132 and 68136.....
68138	20749	Thread (upper) Nipper Thread Guide..
207J	20749	" " " " " "
		Screw.....
131334	20749	Thread (upper) Take-up.....
54095	20749	" " " " Plate.....
68164	20749	" " " " Spring.
1449J	20749	" " " " " "
		Screw.....
131335	20749	Thread (upper) Take-up complete, Nos. 1449J, 54095, 68164 and 131334.....
211F	20744	Thread (upper) Take-up Set Screw....
52542	24401	Throat Plate, for 3/32 in. to 5/32 in. gauges, for 68354 for plain stitching.....
131850	24402	Throat Plate, for 1/4 in. to 3/8 in. gauges, for 131849, for lap seam felling.....
131856	24402	Throat Plate, for 1/4 in. to 3/8 in. gauges, for 131855, for lap seam felling.....
		Note: When ordering Throat Plates state gauge required.....
742F	24401	Throat Plate Screw (2).....
*15404	-----	Trade Mark
131676	-----	Trade Mark Rivet (2).....

MACHINE No. 147-III

FOR GLOVES

This machine is the same as the 147-110 Machine except the needles are in reverse position.

PARTS ARE THE SAME WITH THE FOLLOWING EXCEPTIONS:

No.	Plate	Name
68354	24403	Feed Dog 17 teeth (16 teeth to the inch) for 3/32 in. to 5/32 in. gauges for 131657.....
131652	24403	Feeding Foot, in place of No. 54172
131653	24403	Looper (back) closed eye, for general work, in place of No. 131131.....
131654	24403	Looper (front) closed eye, for general work, in place of No. 131132.....
131590	-----	Needle Bar complete, Nos. 64319 and 131589, in place of No. 131045.
131589	20745	Needle Clamp with two 1498F, in place of No. 131044.....
54320	24403	Needle Guard (stationary) for 3/32 in. to 5/32 in. gauges, in place of No. 54067.....
131655	24403	Presser Foot, with Edge Guide on right hand side, in place of No. 52535.....
131657	24403	Throat Plate, for 3/32 in. to 5/32 in. gauges, for 68354, for plain stitching, in place of No. 52542.....
Note: When ordering the above parts state gauge required.....		

FITTINGS FOR No. 147-110 MACHINE

LAP SEAM FELLING

$\frac{5}{32}$ IN. TO $\frac{11}{32}$ IN. GAUGES

No.	Plate	Name
131321	24405	Feed Dog, 16 teeth (16 teeth to the inch) for 131527.....
131938	24405	Feed Dog, 14 teeth (14 teeth to the inch) for 131527.....
68195	24405	Feeding Foot.....
68196	24405	Presser Foot.....
131527	24405	Throat Plate for 131321.....
Note: When ordering above parts state gauge required.....		

LAP SEAM FELLING

$\frac{3}{16}$ IN. TO $\frac{3}{8}$ IN. GAUGES

68194	24404	Feed Dog, 14 teeth (10 teeth to the inch) for 68198.....
68195	24404	Feeding Foot.....
68196	24404	Presser Foot.....
68198	24404	Throat Plate for 68194.....
Note: When ordering above parts state gauge required.....		

FOR SEAM STAYING

FOR AUTOMOBILE UPHOLSTERY, Etc.

FOR $\frac{3}{16}$ IN. TO $\frac{3}{8}$ IN. GAUGES

131948	24406	Feed Dog, 17 teeth (12 teeth to the inch) for 131951.....
131949	24406	Feeding Foot.....
131950	24406	Presser Foot.....
131951	24406	Throat Plate for 131948.....
Note: When ordering above parts state gauge required.....		

FOR LAP SEAM FELLING

FOR 1/4 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
131849	24407	Feed Dog, 14 teeth (10 teeth to the inch) for 131850 and 131956....
131952	24407	Feeding Foot.....
131953	24407	Presser Foot Plate.....
59652	24407	" " " Hinge Stud (2)..
665J	24407	" " " " " Po- sition Screw (2).....
131954	24407	Presser Foot Shank.....
131955	24407	Presser Foot (hinged) complete, Nos. 131953, 131954 and two each 665J and 59652.....
131956	24407	Throat Plate for size No. 23 Needle, for 131849.....
131850	24407	Throat Plate for size No. 19 Needle, for 131849.....
Note: When ordering Nos. 131849, 131850, 131952, 131955 and 131956 state gauge required.....		

FOR LAP SEAM FELLING

FOR 1/4 IN. TO 3/8 IN. GAUGES

131849	24408	Feed Dog, 14 teeth (10 teeth to the inch) for 131850.....
131855	24408	Feed Dog, 14 teeth (10 teeth to the inch) for 131856.....
131468	24408	Feeding Foot Plate.....
513070	24408	" " " Hinge Screw (2).
8282	24408	" " " Spring.....
131469	24408	" " Shank.....
131470	24408	Feeding Foot (spring hinged) com- plete, Nos. 8282, 131468, 131469 and two 513070.....
62527	24408	Presser Foot Hinge Pin.....
54418	24408	" " Plate.....
54419	24408	" " Shank.....
54420	24408	Presser Foot (hinged) complete, Nos. 54418, 54419, and 62527...
131850	24408	Throat Plate for 131849.....
131856	24408	" " " 131855.....
Note: When ordering Nos. 54420, 131470, 131849, 131850, 131855 and 131856, state gauge required.....		

FOR PLAIN STITCHING
FOR $\frac{3}{32}$ IN. TO $\frac{5}{32}$ IN. GAUGES

No.	Plate	Name
68354	24401	Feed Dog, 17 teeth (16 teeth to the inch) for 52542.....
54158	24401	Feeding Foot Hinge Pin.....
54170	24401	" " Plate.....
54171	24401	" " Shank.....
54172	24401	Feeding Foot (hinged) complete, Nos. 54158, 54170 and 54171....
52535	24401	Presser Foot.....
52542	24401	Throat Plate for 68354.....
Note: When ordering Nos. 52535, 52542, 54172 and 68354, state gauge required.		

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ACCESSORIES

No.	Plate	Name
120344	20691	Oiler (copper plated) with 120345..
120345	20691	" Spout, 4 1/2 in. long.....
120440	20691	Screw Driver (large).....
121108	20691	" " (small).....
120341	20691	Tweezers (curved).....
4822	20691	Wrench for 1547.....
8908	20691	" " 1520.....
17905	20691	" " 140123.....
164197	20691	" " 51715 (not regularly furnished).....

BELT GUARD

No.	Plate	Name
68222	20633	Belt Guard with two wood screws 1 in. No. 12.....

BENCH STANDS

BENCH STAND No. 79772

FOR MACHINE BASE No. 131264

WHEN MACHINE IS MOUNTED ON TOP OF TABLE

No.	Plate	Name
79772	-----	Bench Stand with 27998, two each 41538, 126849, three wood screws 1 1/4 in. No. 12, four each 60856, wood screws 1 1/4 in. No. 10, eight wood screws 5/8 in. No. 6 and sixteen wood screws 5/8 in. No. 7.....
126849	20691	Flap Hinge with four wood screws 3/4 in. No. 7 (2).....
27998	20691	Flap Hook and Eye (large) with wood screw 1/2 in. No. 5.....
126247	20691	Flush Bolt (2).....
126248	20691	Flush Bolt Plate (2).....

BENCH STANDS

No.	Plate	Name
41538	-----	Flush Bolt with Plate complete, Nos. 126247, 126248 and four brass wood screws 5/8 in. No. 4 (2).....
60656	20691	Hinge (4).....

BENCH STAND No. 135115

FOR MACHINE BASE No. 131919

WHEN MACHINE IS MOUNTED SEMI-SUBMERGED

No.	Plate	Name
135115	-----	Bench Stand with 27998, 60220 and four each 126849 with wood screws 5/8 in. No. 7 F.H. (in place of wood screws 3/4 in. No. 7 F.H.) and wood screws 1 1/2 in. No. 10 F.H.....
126849	20691	Flap Hinge with four wood screws 5/8 in. No. 7 F.H. (4).....
27998	20691	Flap Hook and Eye (large) with wood screw 1/2 in. No. 5.....
60220	-----	Flap Hook and Eye (small) with wood screw 5/8 in. No. 4.....

FOOT LIFTER PARTS

No.	Plate	Name
6439	-----	Chain, 36 in. to 45 in., with 56864 and 56865.....
Note: When ordering No. 6439, state length required.....		
4879	20633	Chain Connecting Link.....
56864	20691	" Hook (large).....
56865	20691	" " (small).....
126249	20633	Treadle.....
4882	20633	" Shaft.....
126250	20633	" Spring.....
150451	20633	" Stand.....
150452	20633	Treadle complete, Nos. 4879, 4882, 126249, 126250, 150451 and two wood screws 1 in. No. 16 F.H...

KNEE LIFTER PARTS

FOR USE WHEN MACHINE IS MOUNTED ON TOP OF TABLE

No.	Plate	Name
37563	-----	Chain, length 15 in., with 56864 and 56865.....
56864	20691	Chain Hook (large).....
56865	20691	" " (small).....
2763	20633	Rock Shaft.....
12242	20633	" " Hanger with two wood screws 1 in. No. 10 (2).....
6335	20633	Rock Shaft Knee Arm.....
6336	-----	Rock Shaft Knee Arm complete, Nos. 2766, 2767 and 6335.....
2766	20633	Rock Shaft Knee Arm Hub with 356C..
356C	20633	" " " " " Set Screw..
2767	20633	" " " Plate with 356C....
356C	20633	" " " " Set Screw....
6337	20633	" " Lifting Bracket with two 356C.....
7125	20633	Rock Shaft Lifting Bracket Hook....
356C	20633	" " " " " Set Screw.....
356C	20633	Rock Shaft Lifting Bracket Set Screw.....
2770	20633	Rock Shaft Stop Dog with 140219C...
140219C	20633	" " " " Set Screw.....
23767	20633	Rock Shaft complete, Nos. 2763, 2770, 6336, 6337, 7125 and two 12242.....

LAP SEAM FELLER

121440	20750	Lap Seam Feller (adjustable) on Shank, for medium heavy and heavy-weight material, for 147-110 machine.....
1499J	20750	Lap Seam Feller Screw (2).....

MACHINE BASES

MACHINE BASE No. 131264

WHEN MACHINE IS MOUNTED ON TOP OF TABLE

FOR USE WITH BENCH STAND No. 79772

No.	Plate	Name
131263	24409	Machine Base.....
54477	24409	" " Screw Stud, to fasten base to table (3).....
131205	24409	Machine Base Screw Stud, to po- sition machine on base (4).....
51576E	24409	Machine Base Screw Stud Nut (3)....
9842	24409	" " " " Washer (3).....
131022	24409	Machine Base Screw Stud Bushing (rubber) (4).....
131279	24409	Machine Cushion (felt) (4).....
131264	24409	Machine Base complete, Nos. 131263, three each 9842, 51576E, 54477 and four each 131205 and 131279
131328	24409	Machine Base and Oil Drain Jar (swinging type) complete, Nos. 131264 and 131268.....

MACHINE BASE No. 131919

WHEN MACHINE IS MOUNTED SEMI-SUBMERGED

FOR USE WITH BENCH STAND No. 135115

No.	Plate	Name
131918	24410	Machine Base.....
51428R	24410	" " Bolt with 1778R (4)...
1778R	24410	" " " Nut (4).....
126150	24410	" " " " Lock Washer (4).....
69353	24410	Machine Base Bolt complete, to fasten base to table, Nos. 51428R and 126150 (4).....
131205	24410	Machine Base Screw Stud, to po- sition machine on base (4).....
131022	24409	Machine Base Screw Stud Bushing (rubber) (4).....
131279	24410	Machine Cushion (felt) (4).....
131919	24410	Machine Base complete, Nos. 131918 and four each 69353, 131205 and 131279.....

No.	Plate	Name
131920	24410	Machine Base and Oil Drain Jar (swinging type) complete, for semi-submerged mounting, Nos. 131268 and 131919.....

MACHINE BASE OIL DRAIN JAR

(SWINGING TYPE)

No.	Plate	Name
131961	24409	Jar (glass).....
131962	24409	" Cap.....
131188	24409	" Clamp.....
131217	-----	" " 131188 with 131189.....
131189	24409	" " Lever.....
1247C	24409	" " " Hinge Screw (2)....
131265	24409	Nipple (long) (2).....
131266	24409	" (short).....
131267	24409	" Elbow (2).....
131268	24409	Machine Base Oil Drain Jar (swing- ing type) complete, Nos. 131217, 131266, 131961, 131962 and two each 1247C, 131265 and 131267.....

THREAD UNWINDER

(FOR FOUR SPOOLS)

No.	Plate	Name
225257	24411	Spool Rest (for two spools) with 201018C (2).....
150203	24411	Spool Rest Cushion (felt) (4).....
225388	24411	" " Rod.....
200383C	24411	" " Set Screw.....
201018C	24411	" " Set Screw (2).....
259658	24411	" Stand with 200383C.....
225391	24411	Thread Guide (4).....
201696J	24411	" " Lock Nut.....
225326	24411	" " Position Cup.....
225324	24411	" " Rod with 208AL and 225322.....
208AL	24411	Thread Guide Rod Screw.....
225322	24411	" " " Washer.....
150058	24411	" Separator.....
150060	24411	" " Bracket Arm with 164J and 9525.....
164J	24411	Thread Separator Bracket Arm Clamp- ing Screw.....
9525	24411	Thread Separator Bracket Arm Clamp- ing Screw Washer.....
164J	24411	Thread Separator Bracket Arm Screw.

THREAD UNWINDER

No.	Plate	Name
9525	24411	Thread Separator Bracket Arm Screw Washer.....
150061	-----	Thread Separator complete, Nos. 164J, 9525, 150058 and 150060..
150062	24411	Thread Unwinder complete, Nos. 150061, 201696J, 225324, 225326, 225388, 259658, two 225257, three wood screws 7/8 in. No. 12 and four each 150203 and 225391.....
27739	24411	Thread Cone (wood) for large cones.
225390	24411	" " Holder, for inverted cones.....
Note: Nos. 27739 and 225390 are used with, but not included in 150062.....		

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NUMERICAL
LIST
OF PARTS

NUMERICAL LIST OF PARTS

No.	Plate	Name
41F	20746	Feed (upper) Rock Shaft Pitman Hinge Screw (2).....
129E	20746	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket Screw (3)..
142W	20744	Face Plate Screw (2).....
144D	20743	Arm Rotary Shaft Screw.....
161J	20748	Presser Bar Lifting Lever Extension Screw (2).....
164J	24411	Thread Unwinder Thread Separator Bracket Arm Clamping Screw for 150060.....
164J	24411	Thread Unwinder Thread Separator Bracket Arm Screw for 150061...
171AL	20749	Slack Thread Regulator Holder Crank Clamping Screw for 131405.....
175E	20747	Looper Carrier Adjusting Screw for 54027 (2).....
175E	20747	Looper Carrier Driver Cap Screw for 68479 (4).....
176E	24401	Needle Guard (stationary) Holder Screw.....
176E	20684	Oil Pipe (back of arm) Clamp Screw.
190E	20746	Feed (lower) Bar Feed Dog Seat Screw for 131942.....
190J	24401	Presser Foot Screw.....
190J	20749	Slack Thread Controller Clamp Screw
190J	20748	Thread (under) Eyelet (back) Screw.
190J	20750	" " Take-up Stripper Clamp Screw for 131934.....
190J	20750	Thread (under) Take-up Stripper Plate Screw for 131934 (3).....
198E	20684	Oil Pipe (back of arm) Connection Cap Screw for 68494 (4).....
198E	20684	Oil Pipe (front of arm) Connection Cap Screw for 131002, 131003 and 131084 (10).....
199D	20744	Feed (upper) Bar Connecting Link (upper) Cap Screw (large) for 131689.....
203J	24401	Feeding Foot Screw.....
205C	20743	Arm Rotary Shaft Ball Bearing (back) Case Cap Screw for 131479 (3).....
207E	20746	Feed (lower) Bar Wearing Plate Screw for 131942 (2).....
207J	20750	Thread (under) Take-up Thread Guide (left) Screw for 131934.....
207J	20750	Thread (under) Take-up Thread Guide (right) Screw for 131934.....
207J	20749	Thread (upper) Nipper Thread Guide Screw.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
208AL	24411	Thread Unwinder Thread Guide Rod Screw for 225324.....
211F	20744	Thread (upper) Take-up Set Screw for 131400.....
217J	20743	Feed (lower) Eccentric Clamping Washer Screw for 54025 (2)....
217J	20743	Feed (upper) Eccentric Clamping Washer Screw for 54456 (2)....
217C	24401	Needle Guard (stationary) Screw....
217J	20749	Slack Thread Regulator Screw.....
316C	20748	Tension (upper thread) Releasing Shaft Stop Screw.....
356C	20633	Knee Lifter Rock Shaft Knee Arm Hub Set Screw for 2766.....
356C	20633	Knee Lifter Rock Shaft Knee Plate Set Screw for 2767.....
356C	20633	Knee Lifter Rock Shaft Lifting Bracket Hook Set Screw for 6337
356C	20633	Knee Lifter Rock Shaft Lifting Bracket Set Screw for 6337.....
376J	20748	Tension (upper thread) Bracket Screw.....
389F	20685	Cloth Plate Thread Guard Screw (lower).....
423AL	20679	Arm Rock Shaft Bushing (inter- mediate) Set Screw.....
429C	20743	Arm Rotary Shaft Ball Bearing (back) Case Set Screw.....
443AL	20747	Looper Throw-out Handle Set Screw for 68485 (2).....
446AL	20679	Arm Rock Shaft Bushing (back) Set Screw.....
452C	20747	Looper (back) Set Screw for 131052.
453AL	20679	Arm Rock Shaft Flanged Bushing (front) Set Screw.....
453AL	20746	Feed (lower) Rocking Frame Hinge Pin Bushing Set Screw (2).....
453AL	20746	Feed (lower) Rocking Frame Hinge Pin Set Screw for 131240 (2)...
453AL	20744	Presser Bar Lifting Bracket Guide Set Screw.....
453AL	20744	Presser Bar Lifting Bracket Set Screw for 131630.....
457AL	20743	Arm Rotary Shaft Ball Bearing (in- termediate) Collar Set Screw for 131482 (2).....
460AL	20746	Feed Dog Stop Screw for 131730....
465C	20746	" (upper) Rock Shaft Collar Set Screw for 54369 (2).....
624AL	20748	Tension (upper thread) Releasing Shaft Crank Set Screw for 54047
640E	20743	Looper Driving Shaft and Feed Lift- ing Eccentric Screw for 131604.
665J	24407	Presser Foot Plate Hinge Stud Po- sition Screw for 131955 (2)....

No.	Plate	Name
691F	20748	Tension (under thread) Bracket Screw (2).....
725J	20685	Cloth Plate Slide (left) Spring Screw for 131051 (2).....
725J	20685	Cloth Plate Slide (right) Spring Screw for 131608 (2).....
735AL	20746	Feed (lower) Bar Hinge Pin Collar Set Screw for 59343.....
742F	24401	Throat Plate Screw (2).....
761E	20743	Arm Rotary Shaft Bushing (front) Set Screw.....
761E	20743	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing Position Screw for 68483.....
802D	20748	Presser Bar Lifting Lever Hinge Screw.....
853AL	20679	Needle Bar Connecting Link Hinge Stud Set Screw for 131693.....
861F	20744	Needle Bar Connecting Link Hinge Stud Oil Plug Screw.....
896AL	20743	Feed (lower) Connecting Rod Cap Screw for 131500 (2).....
896AL	20743	Feed (upper) Connecting Rod Cap Screw for 131500 (2).....
914J	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Clamping Washer Screw for 131694 (2)....
948J	20743	Looper Driving Shaft and Feed Lift- ing Eccentric Bracket Screw for 131601.....
965D	20750	Thread (under) Take-up Stripper Plate Bracket Screw.....
1011F	20685	Cloth Plate Screw (left) (2).....
1057AL	20688	Arm Bottom Cover Screw (4).....
1057AL	20688	" Side Cover Screw (4).....
1057AL	20743	Crank Connecting Rod Cap (upper) Screw for 131926 (2).....
1057AL	20743	Feed (lower) Connecting Rod Clamp- ing Screw for 131500.....
1057AL	20743	Feed (upper) Connecting Rod Clamp- ing Screw for 131500.....
1057AL	20744	Feed (upper) Rock Shaft Crank (front) Clamping Screw for 52595.....
1103C	20743	Feed (lower) Regulating Screw for 54025.....
1103C	20743	Feed (upper) Regulating Screw for 54456.....
1120AL	20747	Looper (front) Set Screw for 131052
1133E	20744	Needle Bar Bushing (lower) Set Screw.....
1133E	20744	Needle Bar Bushing (upper) Set Screw.....
1133E	20744	Presser Bar Bushing (lower) Set Screw.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
1133E	20744	Presser Bar Bushing (upper) Set Screw.....
1149AL	20749	Thread (upper) Nipper Body Set Screw.....
1247C	24409	Machine Base Oil Drain Jar Clamp Lever Hinge Screw for 131268 (2).....
1250AL	20744	Feed (upper) Bar Lifting Bracket Position Screw for 131649.....
1258AL	20743	Thread (under) Take-up Set Screw for 131407.....
1289X	20688	Arm Side Cover Cap Screw for 131911
1304C	20743	Arm Rotary Shaft Ball Bearing (in- termediate) Case Set Screw.....
1309C	20679	Arm Rock Shaft Adjusting Screw.....
1423W	20744	Feed (upper) Bar Connecting Link (lower) Cap Screw for 131689 (2).....
1423W	20744	Feed (upper) Bar Connecting Link (upper) Cap Screw (small) for 131689.....
1423J	20749	Slack Thread Regulator Holder Crank Cap Screw.....
1449J	20749	Thread (upper) Take-up Plate Spring Screw for 131335.....
1492E	20744	Needle Bar Connecting Stud Clamping Screw for 131400.....
1498F	20744	Needle Set Screw for 131044 and 131589 (2).....
1499J	20750	Lap Seam Feller Screw (2).....
1520J	20746	Feed (upper) Rock Shaft Pitman Hinge Screw Nut (2).....
1520J	20744	Needle Bar Connecting Link Hinge Stud Nut.....
1547J	20748	Tension (upper thread) Releasing Shaft Stop Screw Nut.....
1637J	20688	Presser Bar Spring Screw Stud Lock Nut for 131830 and 131851.....
1698R	20749	Thread (upper) Nipper Disc (out- side) Nut for 68137.....
1733	20684	Oil Pipe (back of arm) Coupling Nut (brass).....
1733	20684	Oil Pipe (front of arm) Coupling Nut (brass) for 68500 and 131637 (3).....
1778R	24410	Machine Base Bolt Nut for 51428R (4).....
2102	20748	Tension (under thread) Disc (4).....
2102	20748	" (upper thread) Disc (4).....
2763	20633	Knee Lifter Rock Shaft for 23767...
2766	20633	" " " " Knee Arm Hub with 356C for 6336.....
2767	20633	Knee Lifter Rock Shaft Knee Plate with 356C for 6336.....

NUMERICAL LIST OF PARTS

35

No.	Plate	Name
2770	20633	Knee Lifter Rock Shaft Stop Dog with 140219C for 23767.....
4822	20691	Wrench for 1547 (Accessories).....
4879	20633	Foot Lifter Chain Connecting Link for 150452.....
4882	20633	Foot Lifter Treadle Shaft for 150452.....
6335	20633	Knee Lifter Rock Shaft Knee Arm for 6336.....
6336	-----	Knee Lifter Rock Shaft Knee Arm complete, for 23767 Nos. 2766, 2767 and 6335.....
6337	20633	Knee Lifter Rock Shaft Lifting Bracket with two 356C for 23767
6439	-----	Foot Lifter Chain, 36 in. to 45 in., with 56864 and 56865.....
	Note:	When ordering No. 6439, state length required.....
7071	20743	Feed (lower) Eccentric Clamping Washer for 54025 (2).....
7071	20743	Feed (upper) Eccentric Clamping Washer for 54456 (2).....
7071	20750	Thread (under) Take-up Thread Guide (left) Screw Washer for 131934.
7071	20750	Thread (under) Take-up Thread Guide (right) Screw Washer for 131934
7125	20633	Knee Lifter Rock Shaft Lifting Bracket Hook for 23767.....
8282	24408	Feeding Foot Plate Spring for 131470.....
8908	20691	Wrench for 1520 (Accessories).....
9525	24411	Thread Unwinder Thread Separator Bracket Arm Clamping Screw Washer for 150060.....
9525	24411	Thread Unwinder Thread Separator Bracket Arm Screw Washer for 150061.....
9842	24409	Machine Base Screw Stud Nut Washer for 131264 (3).....
11119	20679	Arm Oil Tube with 52045, for oiling Thread (upper) Nipper.....
11173	20744	Presser Bar Lifting Bracket Guide..
12242	20633	Knee Lifter Rock Shaft Hanger with two wood screws 1 in. No. 10 for 23767 (2).....
12454	20744	Face Plate Oil Tube (long) with 132590, for oiling Feed (upper) Bar Connecting Link (upper) for 131645.....
13218	20749	Thread (upper) Nipper Stud Spring for 68137.....
13862	20744	Face Plate Oil Tube (short) with 52045, for oiling Feed (upper) Bar Connecting Link (upper) for 131645.....
*15404	-----	Trade Mark for 131601.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
17905	20691	Wrench for 140123 (Accessories)....
22436	20746	Feed (lower) Bar Feed Dog Seat Screw Washer for 131942.....
*23729	-----	Feed (lower) Eccentric Body for 54025.....
23767	20633	Knee Lifter Rock Shaft complete, Nos. 2763, 2770, 6336, 6337, 7125 and two 12242.....
27739	24411	Thread Unwinder Thread Cone (wood) for large cones for 150062.....
Note: No. 27739 is used with, but not in- cluded in 150062.....		
27998	20691	Bench Stand Flap Hook and Eye (large) with wood screw 1/2 in. No. 5 for 79772 and 135115.....
32062	20750	Thread (under) Take-up Stripper Washer for 131934.....
32572	20748	Tension (upper thread) Releasing Disc (2).....
37563	-----	Knee Lifter Chain, length 15 in. with 56864 and 56865.....
38456	20744	Presser Bar Bushing (upper).....
38468	20688	" " Spring Stud.....
41538	-----	Bench Stand Flush Bolt with Plate complete, for 79772 Nos. 126247, 126248 and four brass wood screws 5/8 in. No. 4 (2)..
42290K	20688	Pressure Regulating Thumb Nut Washer for 131851.....
42365	20679	Arm Rock Shaft Oil Pad (braided cotton) for oiling Back Bearing
42367	20743	Arm Rotary Shaft Front Bearing Oil Pad, lower (braided cotton)....
43503	20747	Looper Throw-out Handle Plunger Spring.....
49092	20685	Cloth Plate Oil Tube Packing (felt) for 54309.....
50083AL	20743	Arm Rock Shaft Crank (back) Set Screw for 131486 (2).....
50200C	20746	Feed (upper) Rock Shaft Crank (back) Set Screw for 54156 (2).
50200C	20746	Feed (upper) Rock Shaft Pitman Crank Set Screw for 131625 (2).
50326C	20748	Tension (under thread) Screw Stud for 59539 (2).....
50326C	20748	Tension (upper thread) Screw Stud for 59539 (2).....
50328C	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Regulating Screw for 131694.....
50396F	20685	Cloth Plate Screw (right).....
50438J	20750	Thread (under) Take-up Oil Guard Screw for 131934.....
50470J	20750	Thread (under) Take-up Thread Guard Screw for 131934 (2).....

NUMERICAL LIST OF PARTS

37

No.	Plate	Name
50473F	20685	Cloth Plate Thread Guard Screw (upper).....
50608R	20688	Arm Hole Plug Screw, for access to Crank Connecting Rod (upper bearing).....
51061AL	20743	Feed (lower) Eccentric Body Set Screw for 54025 (3).....
51061AL	20743	Feed (upper) Eccentric Body Set Screw for 54456 (3).....
51119J	20747	Looper Holder Screw.....
51263D	20747	Looper Carrier Connection Shaft Sleeve Cap Screw.....
51283AL	20743	Balance Wheel Set Screw for 131915 (2).....
51307C	24408	Feeding Foot Plate Hinge Screw for 131470 (2).....
51428R	24410	Machine Base Bolt with 1778R for 69353 (4).....
51570C	20748	Tension (under thread) Regulating Thumb Nut for 59539 (2).....
51570C	20748	Tension (upper thread) Regulating Thumb Nut for 59539 (2).....
51576E	24409	Machine Base Screw Stud Nut for 131264 (3).....
51697W	20688	Pressure Regulating Thumb Nut for 131830 and 131851.....
51715AL	20743	Crank Connecting Rod Cap (lower) Screw Stud Nut for 131926 (2)..
52045	20679	Arm Oil Tube Packing (wick) for 11119 and 56003 (2).....
52045	20744	Face Plate Oil Tube Packing (wick) for 13862.....
52535	24401	Presser Foot for 3/32 in. to 5/32 in. gauges, for plain stitching for 147-110 Machine.....
	Note:	When ordering No. 52535 state gauge required.....
52542	24401	Throat Plate, for 3/32 in. to 5/32 in. gauges, for 68354 for plain stitching for 147-110 Machine..
	Note:	When ordering No. 52542 state gauge required.....
52595	20744	Feed (upper) Rock Shaft Crank (front) with 1057AL for 131689.
53225	20748	Thread (under) Eyelet (back).....
*54024	-----	Feed (lower) Eccentric with 138306, for 54025.....
*54024	-----	Feed (upper) Eccentric with 138306, for 54456.....
54025	20743	Feed (lower) Eccentric (adjustable) complete, for 131502 Nos. 1103C, 23729, 54024, two each 217J, 7071 and three 51061AL...
54027	20747	Looper Carrier with two 175E for 131111.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
54038	24401	Needle Guard (stationary) Holder...
54047	20748	Tension (upper thread) Releasing Shaft Crank with 624AL.....
54048	20748	Tension (upper thread) Releasing Shaft Crank Link.....
54067	24401	Needle Guard (stationary) for 3/32 in. to 5/32 in. gauges for 147-110 Machine.....
54068	24402	Needle Guard (stationary) for 3/16 in. to 9/32 in. gauges.....
54069	24402	Needle Guard (stationary) for 5/16 in. to 3/8 in. gauges.....
	Note:	When ordering Needle Guard state gauge required.....
54070	20748	Tension (upper thread) Bracket.....
54071	20748	" " " Releasing Shaft.....
54095	20749	Thread (upper) Take-up Plate for 131335.....
54143	20744	Feed (upper) Bar Connecting Link (lower) for 131689.....
54155	20746	Feed (upper) Rock Shaft.....
54156	20746	" " " Crank (back) with two 50200C.....
54158	24401	Feeding Foot Hinge Pin for 54172...
54170	24401	" " Plate for 54172.....
54171	24401	" " Shank for 54172.....
54172	24401	" " (hinged) complete, for 3/32 in. to 5/32 in. gauges for plain stitching, for 147-110 Machine Nos. 54158, 54170 and 54171.....
	Note:	When ordering No. 54172 state gauge required.....
54218	20743	Arm Rotary Shaft Front Bearing Oil Pad upper (braided cotton).....
54227	20747	Looper Carrier Connection for 131111.....
54228	20747	Looper Carrier Connection Shaft for 131111.....
54242	20749	Slack Thread Controller Clamp.....
54242	20750	Thread (under) Take-up Stripper Clamp for 131934.....
54309	20685	Cloth Plate Oil Tube with 49092 for 131606.....
54320	24403	Needle Guard (stationary) for 3/32 in. to 5/32 gauges for 147-111 Machine
	Note:	When ordering No. 54320 state gauge required.....
54369	20746	Feed (upper) Rock Shaft Collar with two 465C.....
54418	24408	Presser Foot Plate for 54420.....
54419	24408	" " Shank for 54420.....

NUMERICAL LIST OF PARTS

39

No.	Plate	Name
54420	24408	Presser Foot (hinged) complete, for 1/4 in. to 3/8 in. gauges, for Lap Seam Felling, for 147-110 Machine Nos. 54418, 54419 and 62527.....
		Note: When ordering No. 54420 state gauge required.....
*54455	-----	Feed (upper) Eccentric Body for 54456.....
54456	20743	Feed (upper) Eccentric (adjustable) complete, for 131617 Nos. 11030, 54024, 54455 and two each 217J, 7071 and three 51061AL.....
54477	24409	Machine Base Screw Stud, to fasten base to table for 131264 (3)...
54969	20679	Arm Rock Shaft Oil Pad (braided cotton) for oiling intermediate bearing.....
54988	20748	Tension (upper thread) Releasing Pin (2).....
56003	20679	Arm Oil Tube with 52045, for oiling Feed (upper) Bell Crank Con- nection Sleeve.....
56864	20691	Chain Hook (large) for 6439 and 37563.....
56865	20691	Chain Hook (small) for 6439 and 37563.....
57234	20746	Feed (lower) Rocking Frame Hinge Pin (2).....
57235	20746	Feed (lower) Rocking Frame Hinge Pin Bushing (2).....
57255	20744	Presser Bar.....
59343	20746	Feed (lower) Bar Hinge Pin Collar with 735AL for 131945.....
59456	20749	Thread (upper) Nipper Disc (out- side) Nut Washer for 68137.....
59537	20748	Tension (under thread) Spring Bush- ing (large) (2).....
59537	20748	Tension (upper thread) Spring Bush- ing (large) (2).....
59538	20748	Tension (under thread) Spring Bush- ing (small) (2).....
59538	20748	Tension (upper thread) Spring Bush- ing (small) (2).....
59539	-----	Tension (under thread) Screw Stud 50326C with 51570C (2).....
59539	-----	Tension (upper thread) Screw Stud 50326C with 51570C (2).....
59652	24407	Presser Foot Plate Hinge Stud for 131955 (2).....
60220	-----	Bench Stand Flap Hook and Eye (small) with wood screw 5/8 in. No. 4 for 135115.....
60656	20691	Bench Stand Hinge for 79772 (4)....
62527	24408	Presser Foot Hinge Pin for 54420...

NUMERICAL LIST OF PARTS

No.	Plate	Name
64319	20744	Needle Bar (hollow) for 131045 and 131590.....
64320	20744	Needle Bar Bushing (upper).....
68129	20749	Thread (upper) Nipper Body for 68137.....
68130	20749	Thread (upper) Nipper Disc (inside) for 68137.....
68131	20749	Thread (upper) Nipper Disc (inside) Washer (fibre) for 68137.....
68132	20749	Thread (upper) Nipper Disc (outside) for 68137.....
68133	-----	Thread (upper) Nipper Roller for 68136.....
68134	-----	Thread (upper) Nipper Roller Hinge Pin for 68136.....
68135	-----	Thread (upper) Nipper Stud for 68136.....
68136	20749	Thread (upper) Nipper Stud 68135 with 68133 and 68134 for 68137.
68137	20749	Thread (upper) Nipper complete, Nos. 1698R, 13218, 59456, 68129 to 68132 and 68136.....
68138	20749	Thread (upper) Nipper Thread Guide.
68164	20749	" " Take-up Plate Spring for 131335.....
68184	20748	Presser Bar Lifting Lever Extension
68194	24404	Feed Dog, 14 teeth (10 teeth to the inch) for 3/16 in. to 3/8 in. gauges for 68198 for 147-110 Machine.....
68195	24402	Feeding Foot for 5/32 in. to 3/8 in. gauges, for Lap Seam Felling for 147-110 Machine....
68196	24402	Presser Foot for 5/32 in. to 3/8 in. gauges, for Lap Seam Felling, for 147-110 Machine...
68198	24404	Throat Plate for 3/16 in. to 3/8 in. gauges, for 68194, for Lap Seam Felling, for 147-110 machine.....
	Note:	When ordering Nos. 68194 to 68196 and 68198 state gauge required.....
68222	20633	Belt Guard with two wood screws 1 in. No. 12.....
68261	20748	Tension (upper thread) Releasing Shaft Spring.....
68350	20679	Arm Oil Cup, for oiling Arm Rock Shaft Front Bearing.....
68354	24401	Feed Dog, 17 teeth (16 teeth to the inch) for 3/32 in. to 5/32 in. gauges, for 52542 and 131657...
	Note:	When ordering No. 68354 state gauge required.....
68368	20685	Cloth Plate Slide (left) for 131051
68428	20688	Arm Bottom Cover.....
68429	20688	" " " Gasket (cork).....

NUMERICAL LIST OF PARTS

41

No.	Plate	Name
68433	20679	Arm Rock Shaft Bushing (back).....
68435	20679	" " " " " Cap..
68436	20679	" " " " (inter- mediate).....
68448	20688	Arm Side Cover Gasket.....
68467	20746	Feed (lower) Bar Wearing Plate for 131942.....
68478	20747	Looper Carrier Connection Shaft Sleeve (eccentric).....
68479	20747	Looper Carrier Driver with four 175E, for 131111.....
*68483	-----	Looper Driving Shaft and Feed Lift- ing Eccentric Bracket with 761E, for 131601.....
68485	20747	Looper Throw-out Handle with two 443AL.....
68486	20747	Looper Throw-out Handle Plunger....
68488	20744	Needle Bar Connecting Link and Thread (upper) Controller for 131399.....
68489	20744	Needle Bar Connecting Link Hinge Stud (hollow) for 131399.....
68493	20684	Oil Pipe (back of arm) Clamp.....
68494	20684	" " " " " Connection with 68495 and two 198E, for oiling Feed (lower) Rocking Frame Hinge Pin Back Bearing and for oiling Feed (upper) Rock Shaft Pitman Crank Shaft (2).....
68495	20746	Feed (lower) Bar Slide Block Oil Pad (wick) for 131944.....
68495	20684	Oil Pipe (back of arm) Connection Oil Pad (wick) for 68494 (2)...
68496	20684	Oil Pipe (back of arm) Coupling (brass).....
68497	20743	Feed (lower) Connecting Rod Oil Pad (wick) for 131500.....
68497	20743	Feed (upper) Connecting Rod Oil Pad (wick) for 131500.....
68497	-----	Looper Driving Shaft and Feed Lift- ing Eccentric Front Bearing Oil Pad (wick).....
68497	20684	Oil Pipe (back of arm) Oil Pad (wick) for 131636.....
68497	20684	Oil Pipe (front of arm) Oil Pad (wick) for 131112 and 131113 (3).....
68500	20684	Oil Pipe (front of arm) with 1733, 131084 and 131089, for oiling Arm Rotary Shaft Front Bearing, for 131638.....
69353	24410	Machine Base Bolt complete, to fasten base to table for 131919, Nos. 51428R and 126150 (4).....

NUMERICAL LIST OF PARTS

No.	Plate	Name
79772	-----	Bench Stand with 27998, two each 41538, 126849, three wood screws 1 1/4 in. No. 12, four each 60656, wood screws 1 1/4 in. No. 10, eight wood screws 5/8 in. No. 6 and sixteen wood screws 5/8 in. No. 7 for Ma- chine Base No. 131264 when ma- chine is mounted on top of table.....
120341	20691	Tweezers (carved) (Accessories)....
120344	20691	Oiler (copper plated) with 120345 (Accessories).....
120345	20691	Oiler Spout, 4 1/2 in. long for 120344.....
120440	20691	Screw Driver (large) (Accessories).
121108	20691	" " (small) (Accessories).
121440	20750	Lap Seam Feller (adjustable) on Shank, for medium heavy and heavy weight material, for 147-110 Machine.....
126150	24410	Machine Base Bolt Nut Lock Washer for 69353 (4).....
126247	20691	Bench Stand Flush Bolt for 41538 (2).....
126248	20691	Bench Stand Flush Bolt Plate for 41538 (2).....
126249	20633	Foot Lifter Treadle for 150452.....
126250	20633	" " " Spring for 150452.....
126849	20691	Bench Stand Flap Hinge with four wood screws 3/4 in. No. 7, for 79772 (2).....
126849	20691	Bench Stand Flap Hinge with four wood screws 5/8 in. No. 7 F.H., for 135115 (4).....
128419	20747	Looper Carrier Connection Shaft Oil Pad (braided cotton).....
131002	20684	Oil Pipe (front of arm) Connection with two 198E, for oiling Looper Throw-out Device.....
131003	20684	Oil Pipe (front of arm) Connection with two 198E, for 131112 and 131113 (3).....
131004	20684	Oil Pipe (front of arm) Coupling (center) (brass).....
131004	20684	Oil Pipe (front of arm) Coupling (left) (brass).....
131011	20748	Tension (upper thread) Releasing Shaft Spring Position Plate....
131012	20748	Tension (under thread) Bracket....
131022	24409	Machine Base Screw Stud Bushing (rubber) for 131601 (4).....
131025	20749	Slack Thread Controller.....

No.	Plate	Name
131028	20747	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing Oil Screw Plug.....
131044	20744	Needle Clamp with two 1498F, for 131045.....
	Note:	When ordering No. 131044 state gauge required.....
131045	-----	Needle Bar complete, for 147-110 Machine, Nos. 64319 and 131044.
131050	20685	Cloth Plate Slide (left) Spring for 131051.....
131051	20685	Cloth Plate Slide (left) complete, for 131609, Nos. 68368, 131050 and two 725J.....
131052	20747	Looper Holder with 452C and 1120AL.
131056	20679	Arm Rock Shaft Adjusting Screw Washer.....
131084	20684	Oil Pipe (front of arm) Connection with two 198E, for 68500.....
131087	20684	Oil Pipe (front of arm) Coupling (right).....
131089	20684	Oil Pipe (front of arm) Oil Pad (wick) for 68500 and 131637 (2)
131095	20679	Arm Rock Shaft Bushing (back) Cap Washer (fibre).....
*131111	-----	Looper Driving Shaft and Feed Lift- ing Eccentric 131958 with 54027, 54227, 54228 and 68479, for 131604.....
131112	20684	Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Bar Slide Block, for 131638.....
131113	20684	Oil Pipe (front of arm) with 68497 and 131003, for oiling Feed Connecting Rod and Feed (upper) Connecting Rod, for 131638 (2).
131131	24401	Looper (back) close eye, for gener- al work, for 147-110 Machine...
131132	24401	Looper (front) closed eye, for general work, for 147-110 Ma- chine.....
	Note:	When ordering Nos. 131131 and 131132 state gauge required.....
131188	24409	Machine Base Oil Drain Jar Clamp for 131217.....
131189	24409	Machine Base Oil Drain Jar Clamp Lever for 131217.....
131197	20746	Feed (lower) Bar Hinge Pin (ec- centric) for 131945.....
131205	24409	Machine Base Screw Stud to position machine on base for 131264 and 131919 (4).....
131217	-----	Machine Base Oil Drain Jar Clamp 131188 with 131189, for 131268.

NUMERICAL LIST OF PARTS

No.	Plate	Name
131240	20746	Feed (lower) Rocking Frame with two 453AL, for 131945.....
131263	24409	Machine Base for 131264.....
131264	24409	Machine Base complete, for 131328, Nos. 131263, three each 9842, 51576E, 54477 and four each 131205 and 131279.....
131265	24409	Machine Base Oil Drain Jar Nipple (long) for 131268 (2).....
131266	24409	Machine Base Oil Drain Jar Nipple (short) for 131268.....
131267	24409	Machine Base Oil Drain Jar Nipple Elbow for 131268 (2).....
131268	24409	Machine Base Oil Drain Jar (swing- ing type) complete, for 131328 and 131920, Nos. 131217, 131266, 131961, 131962 and two each 1247C, 131265 and 131267..
131270	20744	Needle Bar Connecting Link Hinge Stud Oil Pad (wick).....
131276	20688	Arm Side Cover (oil vent) for 131911.....
131279	24409	Machine Cushion (felt) for 131264 and 131919 (4).....
131280	20688	Arm Side Cover Cap Position Pin for 131911.....
131291	20744	Needle Bar Bushing (lower).....
131319	20679	Arm Oil Cup Oil Pad (braided cotton) for 68350.....
131321	24405	Feed Dog, 16 teeth (16 teeth to the inch) for 5/32 in. to 11/32 in. gauges, for 131527, for 147-110 Machine.....
	Note:	When ordering No. 131321 state gauge required.....
131328	24409	Machine Base and Oil Drain Jar (swinging type) complete, for use when machine is mounted on top of table, for use with Bench Stand 79772, Nos. 131264 and 131268.....
131334	20749	Thread (upper) Take-up for 131335..
131335	20749	" " " complete, Nos. 1449J, 54095, 68164 and 131334.....
131366	20743	Arm Rotary Shaft Ball Bearing (back) for 131526 (2).....
131366	20743	Arm Rotary Shaft Ball Bearing (in- termediate).....
131369	20743	Arm Rotary Shaft Ball Bearing (back) Case Cap for 131479.....
131370	20743	Arm Rotary Shaft Ball Bearing (back) Case Position Stud (3)..
131381	20685	Cloth Plate Slide (right) Spring for 131608.....

NUMERICAL LIST OF PARTS

45

No.	Plate	Name
131399	-----	Needle Bar Connecting Link and Thread (upper) Controller 68488 with 68489 and 131400.....
131400	20744	Needle Bar Connecting Stud with 211F and 1492E, for 131399.....
131403	20749	Slack Thread Regulator.....
131404	20749	" " " Holder
131405	20749	" " " " Crank with 171AL.....
131406	20749	Slack Thread Regulator Holder Crank Connecting Link.....
131407	20743	Thread (under) Take-up with 1258AL.
131408	20750	" " " Oil Guard for 131934.....
131411	20750	Thread (under) Take-up Stripper Plate Bracket for 131934.....
131413	20750	Thread (under) Take-up Thread Guard (fibre) for 131934.....
131414	20750	Thread (under) Take-up Thread Guide (left) for 131934.....
131415	20750	Thread (under) Take-up Thread Guide (right) for 131934.....
131456	20679	Arm Rock Shaft Flanged Bushing (front).....
131457	20743	Arm Rotary Shaft Bushing (front)...
131458	24402	Looper (back) closed eye, for lap seam felling for 147-110 Machine.....
131459	24402	Looper (front) closed eye, for lap seam felling for 147-110 Machine.....
	Note:	When ordering Nos. 131458 and 131459 state gauge required.....
131468	24408	Feeding Foot Plate for 131470.....
131469	24408	Feeding Foot Shank for 131470.....
131470	24408	Feeding Foot (Spring hinged) complete, for 1/4 in. to 3/8 in. gauges, for lap Seam Felling, for 147-110 Machine, Nos. 8282, 131468, 131469 and two 51307C..
	Note:	When ordering No. 131470 state gauge required.....
131478	20743	Arm Rotary Shaft Ball Bearing (back) Case for 131479.....
131479	-----	Arm Rotary Shaft Ball Bearing (back) Case 131478 with 131369 and three 205C, for 131526.....
131480	20743	Arm Rotary Shaft Ball Bearing (back) Spacing Collar for 131526.....
131481	20743	Arm Rotary Shaft Ball Bearing (intermediate) Case.....
131482	20743	Arm Rotary Shaft Ball Bearing (intermediate) Collar with two 457AL.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
131486	20743	Arm Rock Shaft Crank, back (ball bearing, solid) with two 50083AL, for 131931.....
131487	20743	Arm Rotary Shaft for 131604.....
131500	20743	Feed (lower) Connecting Rod with 1057AL, 68497, 134260 and two 896AL, for 131502.....
131500	20743	Feed (upper) Connecting Rod with 1057AL, 68497, 134260 and two 896AL, for 131617.....
131502	-----	Feed (lower) Connecting Rod 131500 with 54025, for 131604.....
131526	-----	Arm Rotary Shaft Ball Bearing (back) Case with Ball Bearings complete, Nos. 131479, 131480 and two 131366.....
131527	24405	Throat Plate for 5/32 in. to 11/32 in. gauges, for 131321, for Lap Seam Felling for 147-110 Machine.....
131589	20745	Needle Clamp with two 1498F, for 131590.....
	Note:	When ordering Nos. 131527 and 131589 state gauge required.....
131590	-----	Needle Bar complete, for 147-111 Machine, Nos. 64319 and 131589.
*131601	-----	Arm, upper and lower (solid) with 948J, 15404, 68483, two 131676 and four 131022.....
131604	-----	Arm Rotary Shaft 131487 with 640E, 131111, 131502, 131617 and 131931.....
131606	20685	Cloth Plate with 54309, for 131609.
131607	20685	" " Slide (right) for 131608.....
131608	20685	Cloth Plate Slide (right) complete, for 131609, Nos. 131381, 131607, and two 725J.....
131609	20685	Cloth Plate complete, Nos. 131051, 131606 and 131608.....
131610	20685	Cloth Plate Thread Guard.....
131617	-----	Feed (upper) Connecting Rod 131500 with 54456, for 131604.....
131618	20746	Feed (upper) Connecting Rod Crank with two 140123AL.....
131619	20746	Feed (upper) Connecting Rod Hinge Stud.....
131621	20744	Feed (upper) Bell Crank Connection with 140268AL.....
131622	20744	Feed (upper) Bell Crank Connection Sleeve.....
131623	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block for 131694..
131624	20746	Feed (upper) Rock Shaft Pitman.....
131625	20746	" " " " " "
		Crank with two 50200C.....

NUMERICAL LIST OF PARTS

47

No.	Plate	Name
131626	20746	Feed (upper) Rock Shaft Pitman Crank Shaft.....
131627	20746	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket.....
131629	20744	Presser Bar Bushing (lower).....
131630	20744	Presser Bar Lifting Bracket with 453AL.....
131632	20748	Presser Bar Lifting Lever.....
131636	20684	Oil Pipe (back of arm) with 68497, for oiling Feed (lower) Rocking Frame Hinge Pin Front Bearing..
131637	20684	Oil Pipe (front of arm) with 131089 and two 1733, for oiling Looper Driving Shaft and Feed Lifting Eccentric Front Bearing, for 131638.....
131638	-----	Oil Pipe (front of arm) complete, Nos. 68500, 131112, 131637 and two 131113.....
131645	20744	Face Plate with 12454 and 13862....
131646	20744	Feed (upper) Bar for 131689.....
131647	20744	" " " Connecting Link (upper) for 131689.....
131648	20744	Feed (upper) Bar Connecting Link (upper) Cushion (textolite) for 131690.....
131649	20744	Feed (upper) Bar Lifting Bracket with 1250AL.....
131650	20744	Feed (upper) Bar Spring Thimble for 131690.....
131651	20744	Feed (upper) Bell Crank for 131690.
131652	24403	Feeding Foot for 3/32 in. to 5/32 in. gauges, for 147-111 Machine
131653	24403	Looper (back) closed eye, for general work, for 147-111 Ma- chine.....
131654	24403	Looper (front) closed eye, for general work, for 147-111 Ma- chine.....
131655	24403	Presser Foot with Edge Guide on right hand side 3/32 in. to 5/32 in. gauges, for 147-111 Machine.....
131657	24403	Throat Plate for 3/32 in. to 5/32 in. gauges, for 68354, for 147-111 Machine for plain stitching.....
	Note:	When ordering Nos. 131652 to 131655 and 131657 state gauge required.....
131676	-----	Trade Mark Rivet for 131601 (2)....
131689	-----	Feed (upper) Bar 131646 with 199D, 52595, 54143, 131647, 131690 and three 1423W.....
131690	-----	Feed (upper) Bell Crank 131651 with 131648, 131650, 140173C and 192274, for 131689.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
131693	20679	Arm Rock Shaft and Front Crank with 853AL, for 131694.....
131694	-----	Arm Rock Shaft 131693 with 50328C, 131623 and two each 914J and 131695.....
131695	20679	Feed (upper) Bell Crank Connection Sleeve Slide Block Clamping Washer for 131694 (2).....
131696	20748	Tension (under thread) Thread Guide (2).....
131696	20748	Tension (upper thread) Thread Guide (2).....
131730	20746	Feed (lower) Bar Feed Dog Seat (adjustable) with 460AL, for 131942.....
131740	20748	Tension (under thread) Spring (2).. " (upper thread) Spring (2).. Presser Bar Spring for 131830 and 131851.....
131741	20748	
131749	20688	
131750	20688	Presser Bar Spring (auxiliary) for 131830.....
131751	20688	Presser Bar Spring Screw Stud for 131830 and 131851.....
131752	20688	Pressure Regulating Thumb Nut Washer for 131830.....
131824	20750	Thread (under) Take-up Stripper for 131934.....
131825	20750	Thread (under) Take-up Stripper Plate for 131934.....
131830	20688	Presser Bar Spring complete, Nos. 1637J, 51697W, and 131749 to 131752.....
131849	24402	Feed Dog, 14 teeth (10 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 131850 and 131956, for 147-110 Machine.....
131850	24402	Throat Plate, for 1/4 in. to 3/8 in. gauges, for 131849, for lap seam felling for 147-110 Machine.....
	Note:	When ordering No. 131849 and 131850 state gauge required.....
131851	20688	Presser Bar Spring (less auxiliary spring) complete, Nos. 1637J, 42290K, 51697W, 131749 and 131751.....
131855	24402	Feed Dog, 14 teeth (10 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 131856, for 147-110 Machine.....
	Note:	When ordering No. 131855 state gauge required.....
131856	24402	Throat Plate for 1/4 in. to 3/8 in. gauges, for 131855, for lap seam felling for 147-110 Machine.....
	Note:	When ordering No. 131856 state gauge required.....

NUMERICAL LIST OF PARTS

49

No.	Plate	Name
131864	20743	Arm Oil Cup for 131866.....
131865	20743	" " " Oil Gauge for 131866...
131866	20743	Arm Oil Cup with Oil Gauge complete, for filling oil reservoir, Nos. 131864 and 131865...
131909	20688	Arm Side Cover Cap for 131911.....
131910	20688	" " " " Spring for 131911.....
131911	20688	Arm Side Cover (oil vent) complete, Nos. 1289X, 131276, 131280, 131909 and 131910.....
131915	20743	Balance Wheel, 2 5/8 in. pulley, with two 51283AL.....
131918	24410	Machine Base for 131919.....
131919	24410	Machine Base complete, for 131920, Nos. 131918 and four each 69353, 131205 and 131279.....
131920	24410	Machine Base and Oil Drain Jar (swinging type) complete, for use when machine is mounted semi-submerged for use with Bench Stand, No. 135115 Nos. 131268 and 131919.....
*131926	20743	Crank Connecting Rod with two each 1057AL, 51715AL, 131927 and 131928, for 131931.....
	Note:	When No. 131926 is required for repairs, Connecting Rod and Arm Rock Shaft Crank (back) fitted together will be furnished. All Agency orders for this part must state the Machine Number for which it is required in order to obtain correct Needle Bar Stroke.....
131927	20743	Crank Connecting Rod Cap (lower) Screw Stud for 131926 (2).....
131928	20743	Crank Connecting Rod Cap (lower) Screw Stud Nut Lock Washer for 131926 (2).....
131931	-----	Crank Connecting Rod 131926 with 131486, for 131604.....
131934	20750	Thread (under) Take-up Stripper Plate Bracket 131411 with 32062, 50438J, 54242, 131408, 131413 to 131415, 131824, 131825, two each 207J, 7071, 50470J and four 190J.....
131938	24405	Feed Dog, 14 teeth (14 teeth to the inch) for 5/32 in. to 11/32 in. gauges, for 131527, for 147-110 Machine.....
	Note:	When ordering No. 131938 state gauge required.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
131941	20746	Feed (lower) Bar for 131942.....
131942	-----	Feed (lower) Bar with Feed Dog Leveling Device complete, for 131945, Nos. 190E, 22436, 68467, 131730, 131941, and two 207E.....
131943	20746	Feed (lower) Bar Slide Block for 131944.....
131944	20746	Feed (lower) Bar Slide Block 131943 with 68495 and 134260.....
131945	-----	Feed (lower) Rocking Frame 131240 with 59343, 131197 and 131942..
131948	24406	Feed Dog, 17 teeth (12 teeth to the inch) for 3/16 in. to 3/8 in. gauges, for 131951, for 147-110 Machine.....
131949	24406	Feeding Foot for 3/16 in. to 3/8 in. gauges, for Seam Staying, for Automobile Upholstery, etc., for 147-110 Machine.....
131950	24406	Presser Foot for 3/16 in. to 3/8 in. gauges, for Seam Staying, for Automobile Upholstery, etc., for 147-110 Machine.....
131951	24406	Throat Plate for 3/16 in. to 3/8 in. gauges, for 131948, for Seam Staying, for Automobile Upholstery, etc., for 147-110 Machine.....
131952	24407	Feeding Foot for 1/4 in. to 3/8 in. gauges, for Lap Seam Felling, for 147-110 Machine.....
	Note:	When ordering Nos. 131948 to 131952 state gauge required.....
131953	24407	Presser Foot Plate for 131955.....
131954	24407	" " Shank for 131955.....
131955	24407	Presser Foot (hinged) complete, for 1/4 in. to 3/8 in. gauges, for Lap Seam Felling, for 147-110 Machine Nos. 131953, 131954 and two each 665J and 59652.....
131956	24407	Throat Plate for size No. 23 needle, for 1/4 in. to 3/8 in. gauges, for 131849, for Lap Seam Felling, for 147-110 Ma- chine.....
	Note:	When ordering Nos. 131955 and 131956 state gauge required.....
131958	20747	Looper Driving Shaft and Feed Lift- ing Eccentric for 131111.....
131959	20747	Looper Driving Shaft and Feed Lift- ing Eccentric Bushing.....
131961	24409	Machine Base Oil Drain Jar (glass) for 131268.....
131962	24409	Machine Base Oil Drain Jar Cap for 131268.....

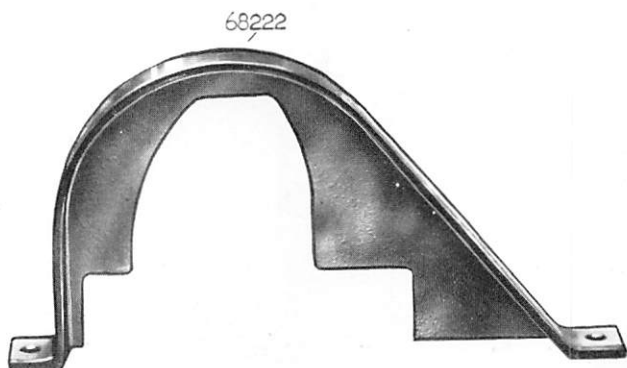
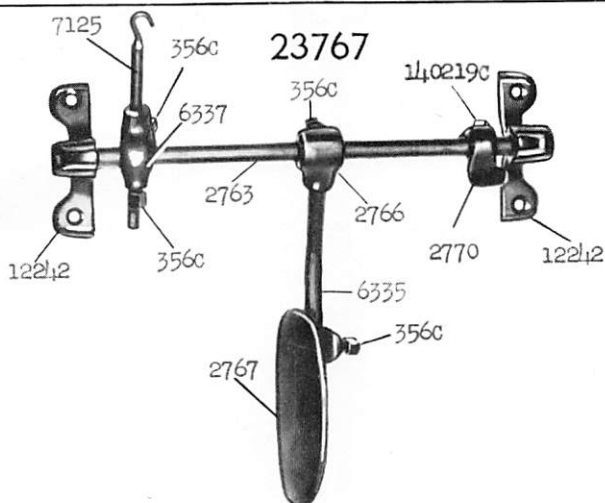
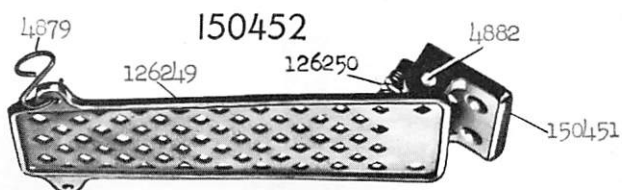
No.	Plate	Name
132590	20744	Face Plate Oil Tube Packing (wick) for 12454.....
134260	20746	Feed (lower) Bar Slide Block Oil Pad Retainer for 131944.....
134260	20743	Feed (lower) Connecting Rod Oil Pad Retainer for 131500.....
134260	20743	Feed (upper) Connecting Rod Oil Pad Retainer for 131500.....
135115	-----	Bench Stand with 27998, 60220 and four each 126849 with wood screws 5/8 in. No. 7 F.H. (in place of wood screws 3/4 in. No. 7 F.H.) and wood screws 1 1/2 in. No. 10 F.H. for use with machine base No. 131919 when machine is mounted semi- submerged.....
138306	-----	Feed (lower) Eccentric Lubricating Pad (wood) for 54024.....
138306	-----	Feed (upper) Eccentric Lubricating Pad (wood) for 54024.....
139017	20688	Arm Hole Plug Screw Washer.....
140123AL	20746	Feed (upper) Connecting Rod Crank Set Screw for 131618 (2).....
140173C	20744	Feed (upper) Bar Spring Cap Screw for 131690.....
140219C	20633	Knee Lifter Rock Shaft Stop Dog Set Screw for 2770.....
140268AL	20744	Feed (upper) Bell Crank Connection Clamping Screw, for 131621.....
140275J	24401	Feed Dog Screw.....
150058	24411	Thread Unwinder Thread Separator for 150061.....
150060	24411	Thread Unwinder Thread Separator Bracket Arm with 164J and 9525, for 150061.....
150061	24411	Thread Unwinder Thread Separator complete, for 150062, Nos. 164J, 9525, 150058 and 150060..
150062	24411	Thread Unwinder complete, for four spools) Nos. 150061, 201696J, 225324, 225326, 225388, 259658, two 225257, three wood screws 7/8 in. No. 12 and four each 150203 and 225391.....
150203	24411	Thread Unwinder Spool Rest Cushion (felt) for 150062 (4).....
150451	20633	Foot Lifter Treadle Stand for 150452.....
150452	20633	Foot Lifter Treadle complete, Nos. 4879, 4882, 126249, 126250, 150451 and two wood screws 1 in. No. 16 F.H.....
164197	20691	Wrench for 51715 (not regularly furnished) Accessories.....

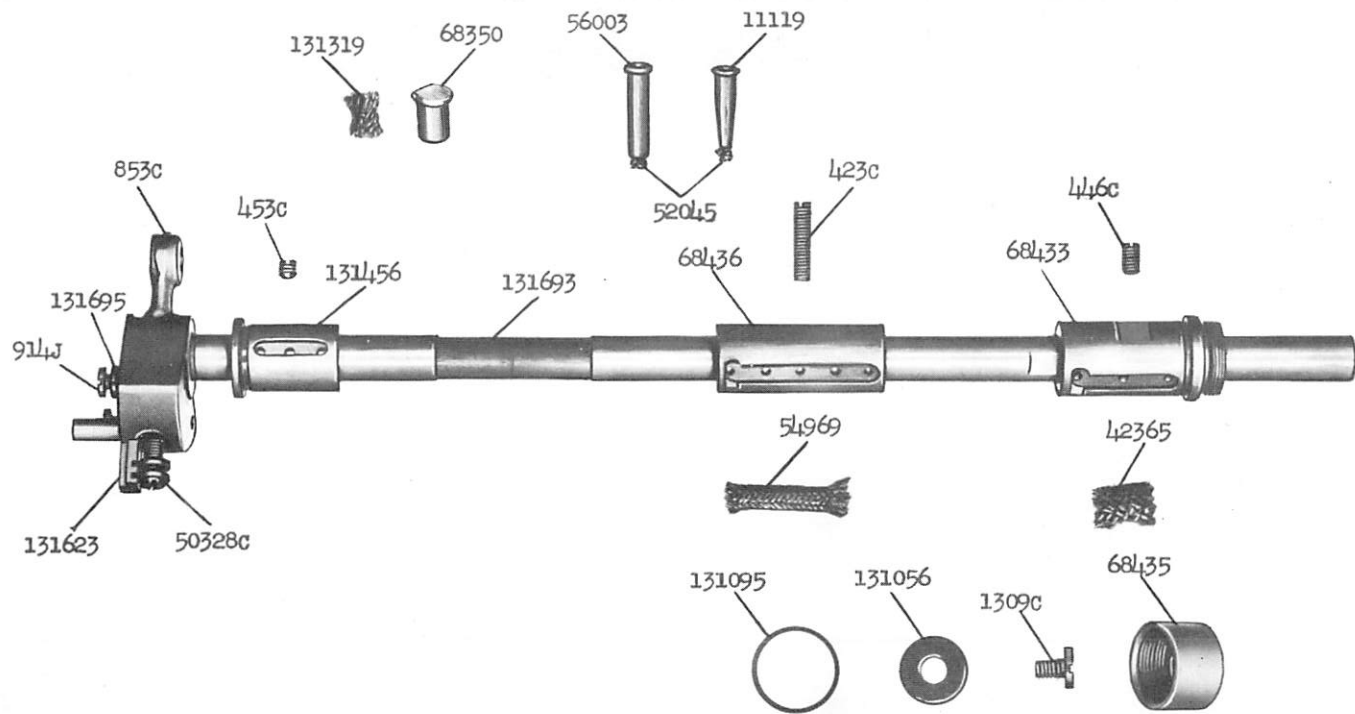
NUMERICAL LIST OF PARTS

No.	Plate	Name
192274	20744	Feed (upper) Bar Spring for 131690.
200383C	24411	Thread Unwinder Spool Rest Rod Set Screw for 259658.....
201018C	24411	Thread Unwinder Spool Rest Set Screw for 225257 (2).....
201696J	24411	Thread Unwinder Thread Guide Lock Nut for 150062.....
225257	24411	Thread Unwinder Spool Rest (for two spools) with 201018C, for 150062 (2).....
225322	24411	Thread Unwinder Thread Guide Rod Washer for 225324.....
225324	24411	Thread Unwinder Thread Guide Rod with 208AL, and 225322, for 150062.....
225326	24411	Thread Unwinder Thread Guide Po- sition Cup for 150062.....
225388	24411	Thread Unwinder Spool Rest Rod for 150062.....
225390	24411	Thread Unwinder Thread Cone Holder, for inverted cones, for 150062. Note: No. 225390 is used with, but not in- cluded in 150062.....
225391	24411	Thread Unwinder Thread Guide for 150062 (4).....
259658	24411	Thread Unwinder Spool Stand with 200383C, for 150062.....

ILLUSTRATIONS
OF
PARTS

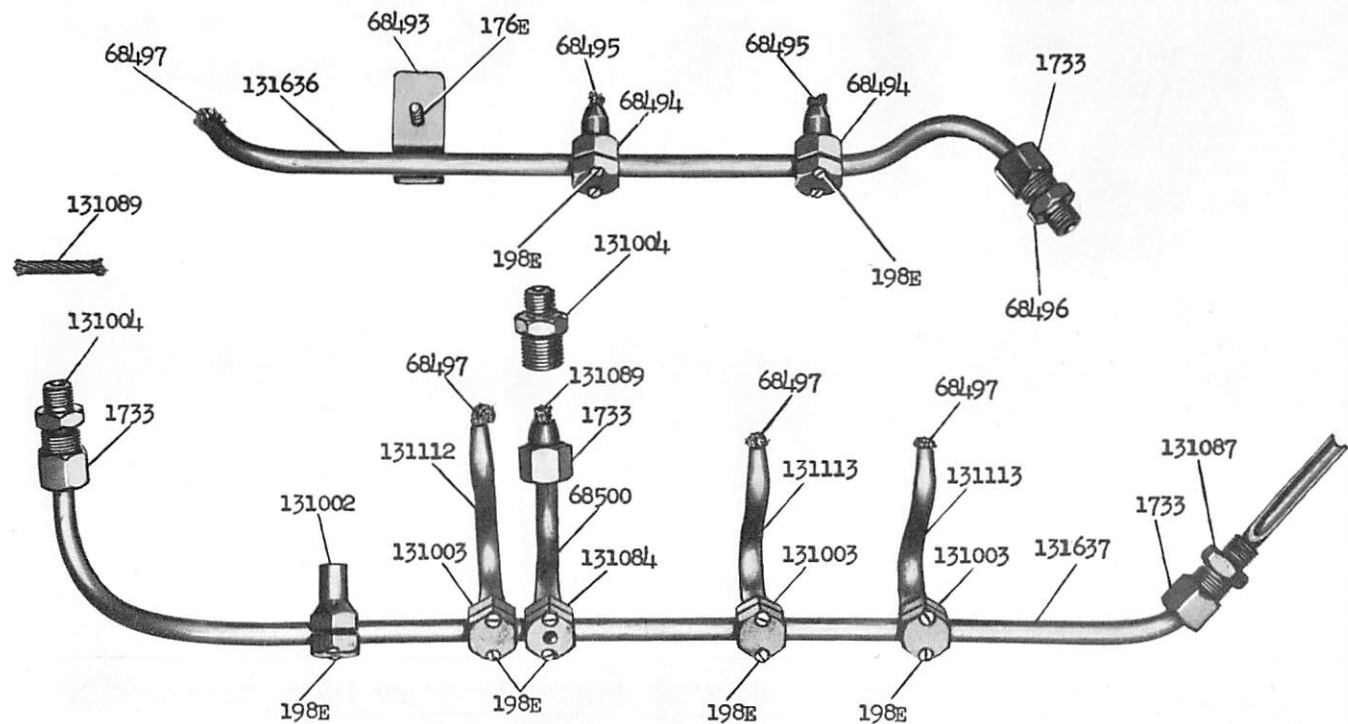
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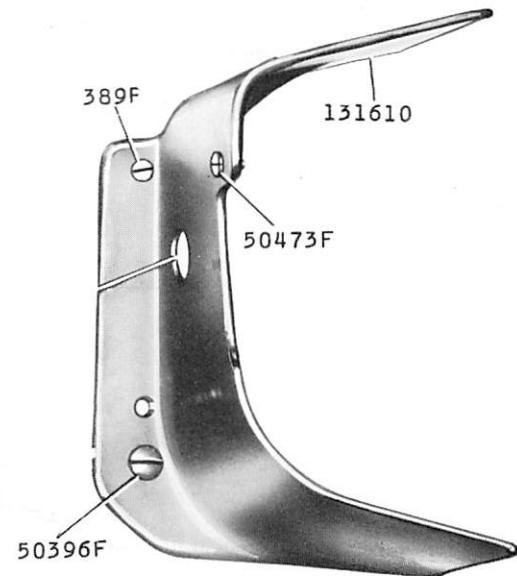
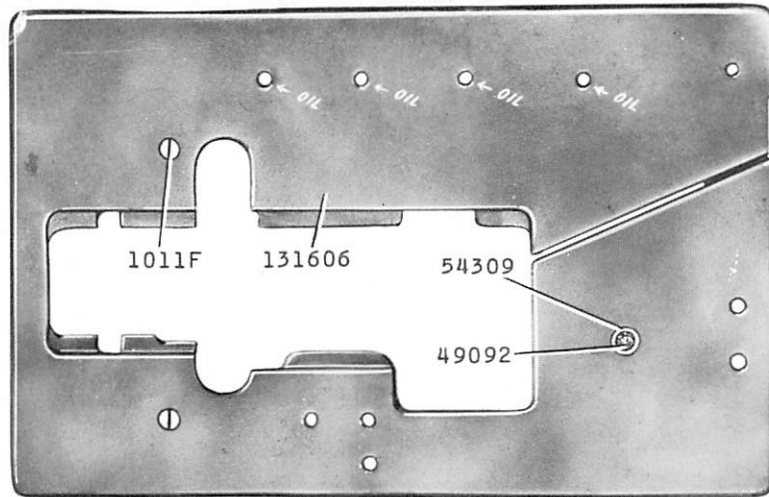
20679 - 1/2

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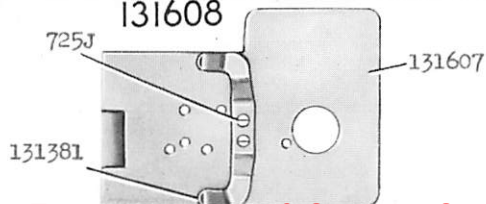
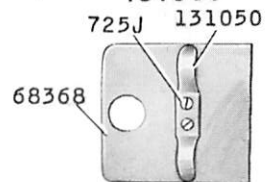
20684 - 1/2

131609



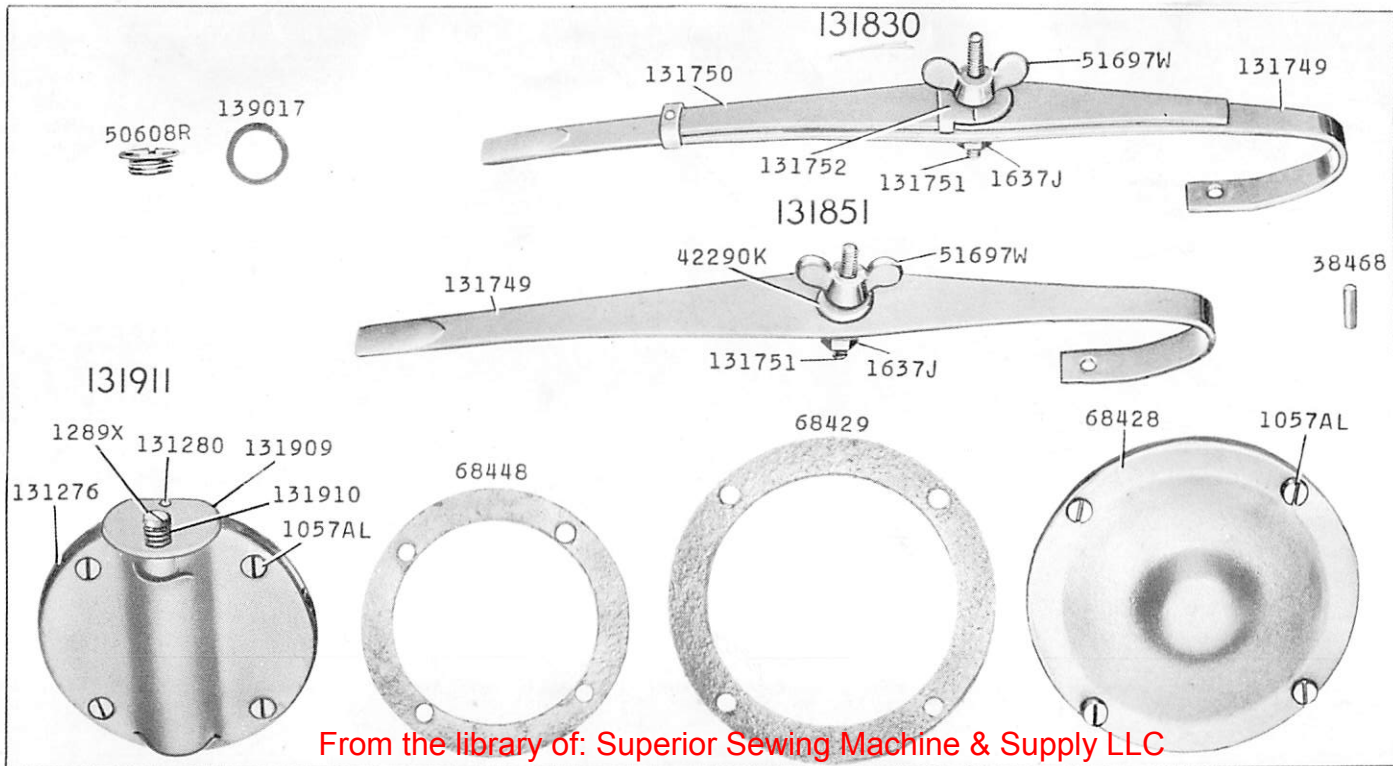
131051

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20685 - 1/3

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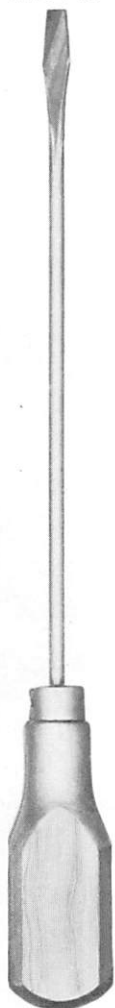


20688 - 1/2

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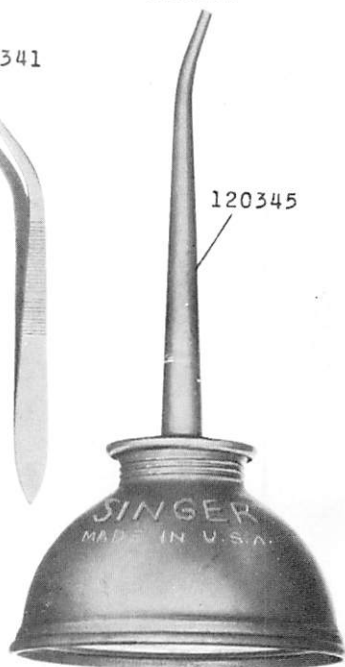
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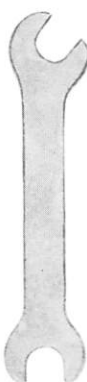
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8908



17905



164197



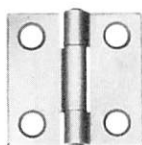
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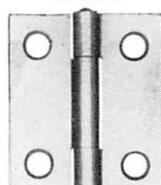
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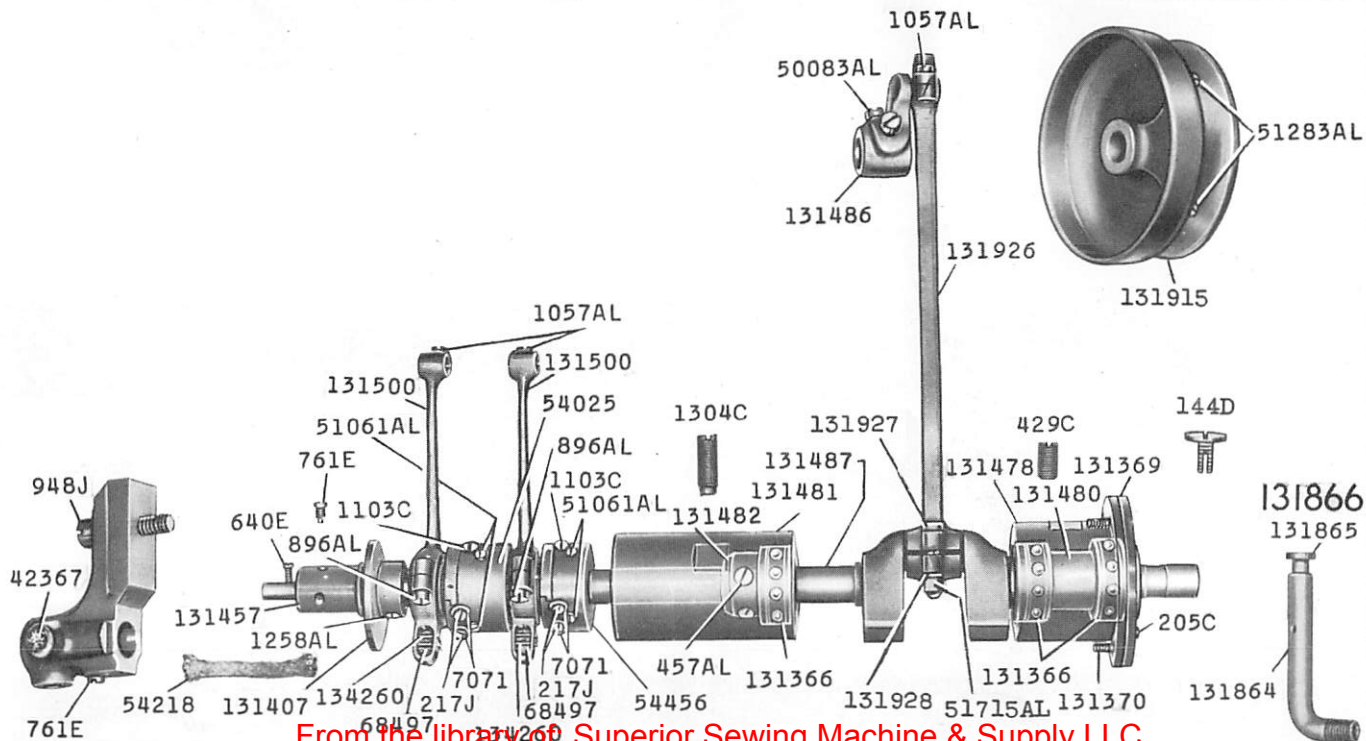


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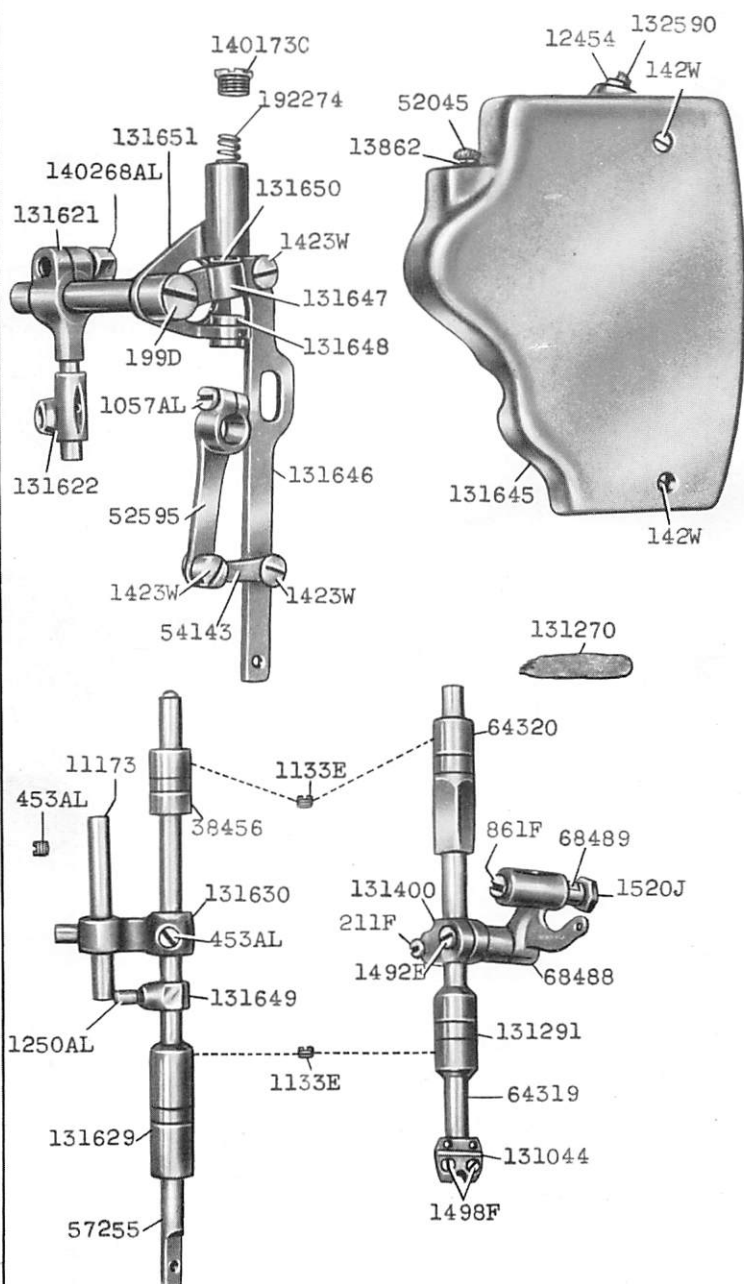




20743 - 1/3

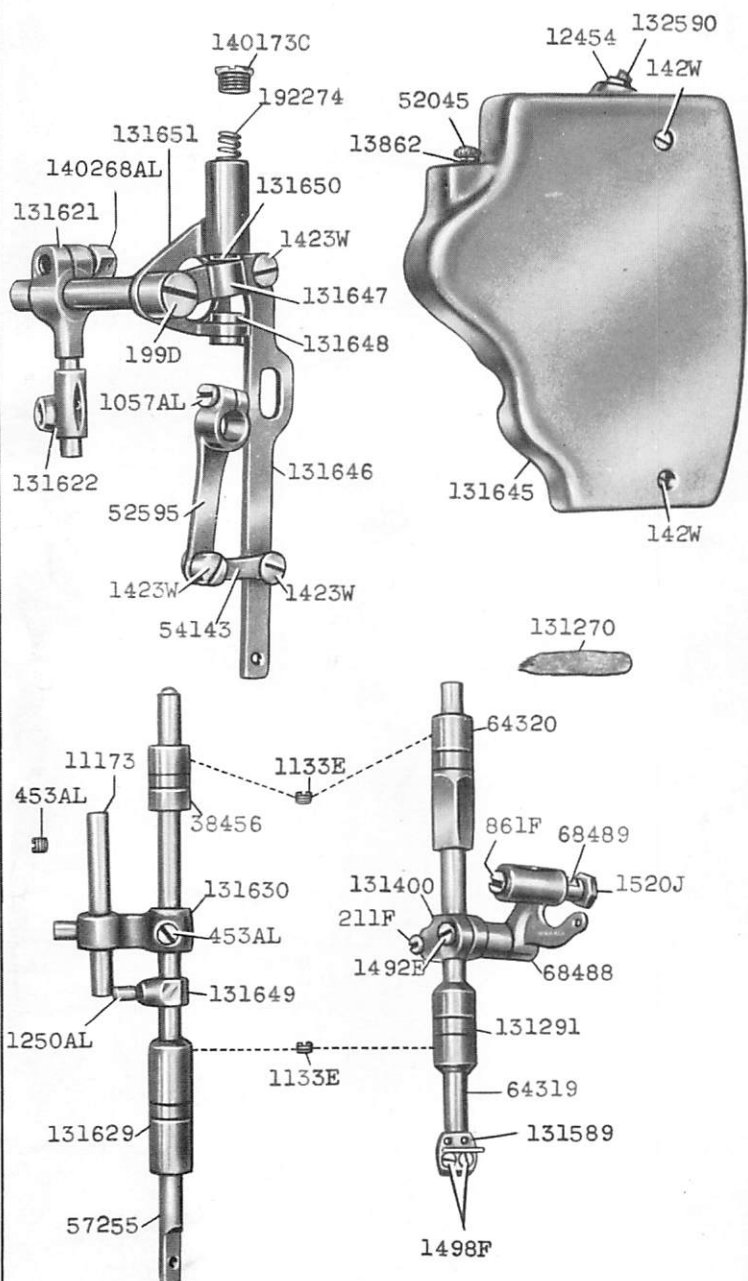
20744 - 1/2

147-110

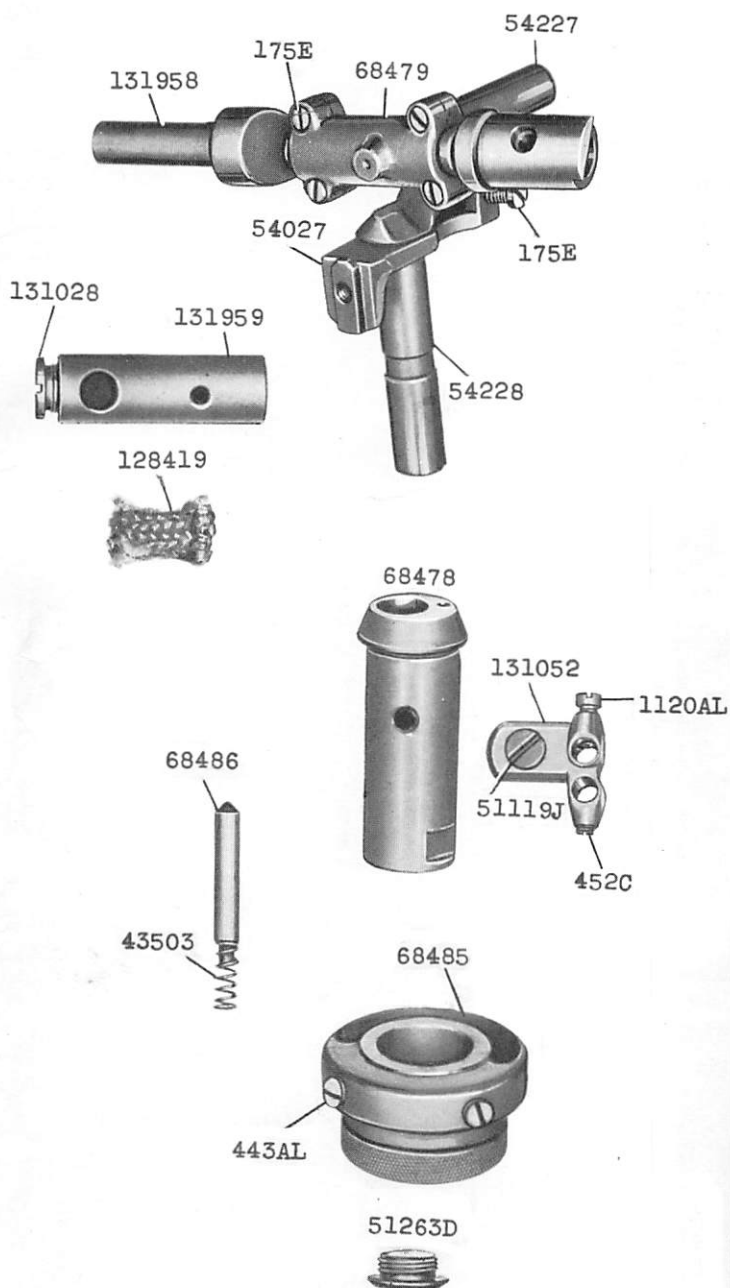


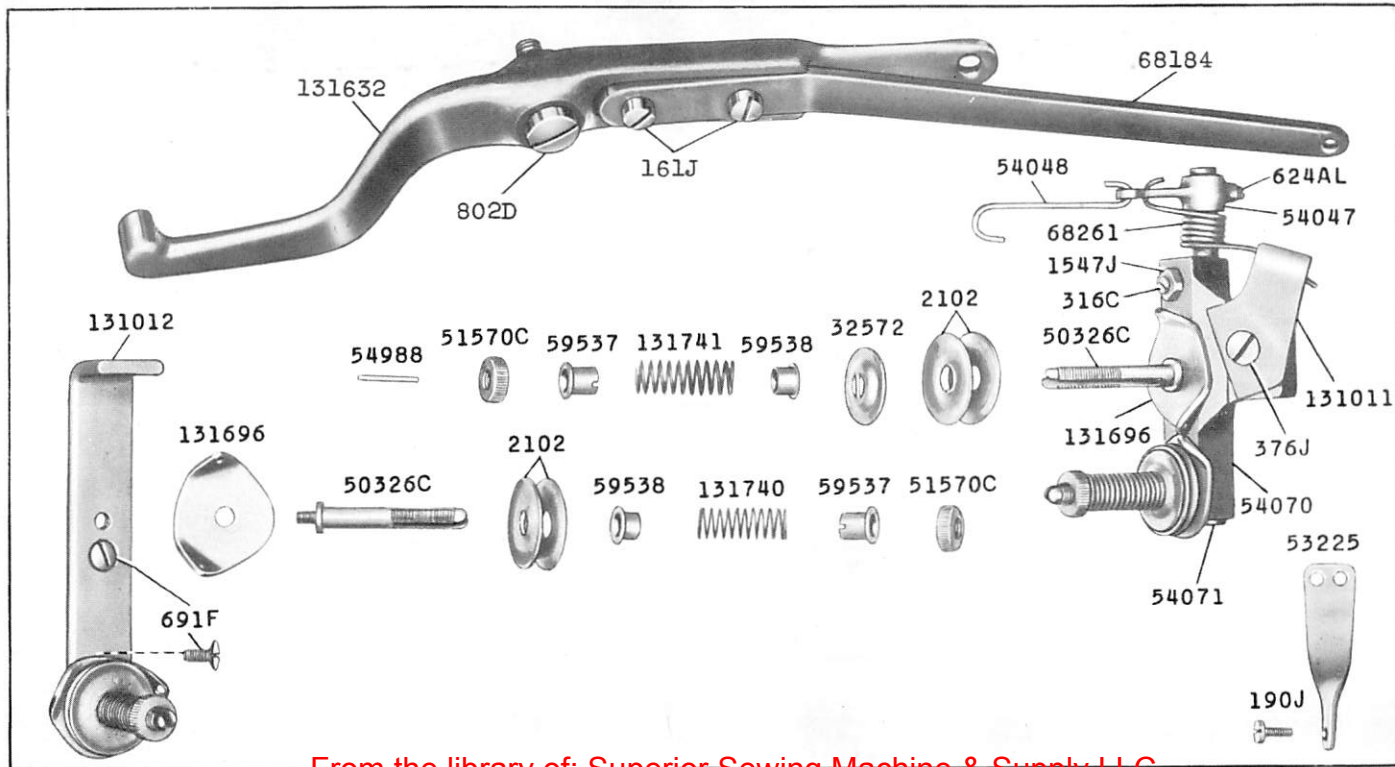
20745 - 1/2

147-III

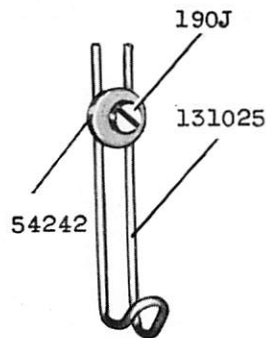
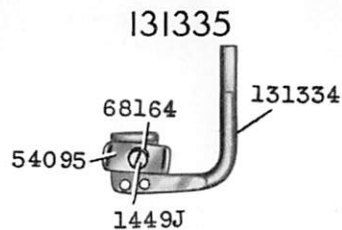
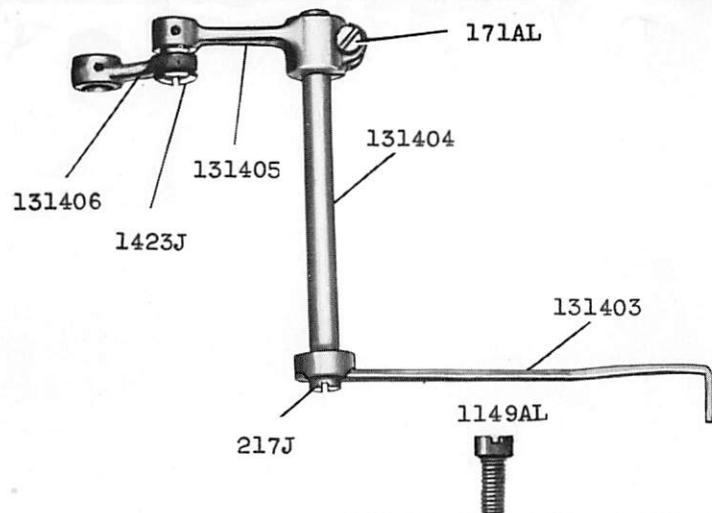


20747 - 2/3

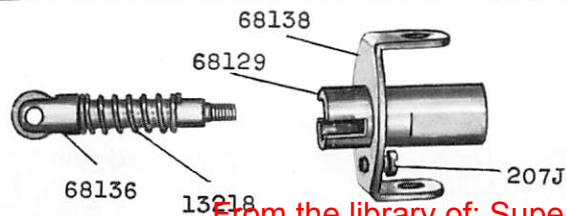




20748 - 1/2



68137



68131

68130

68132

59456

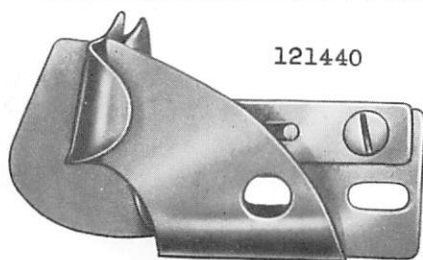
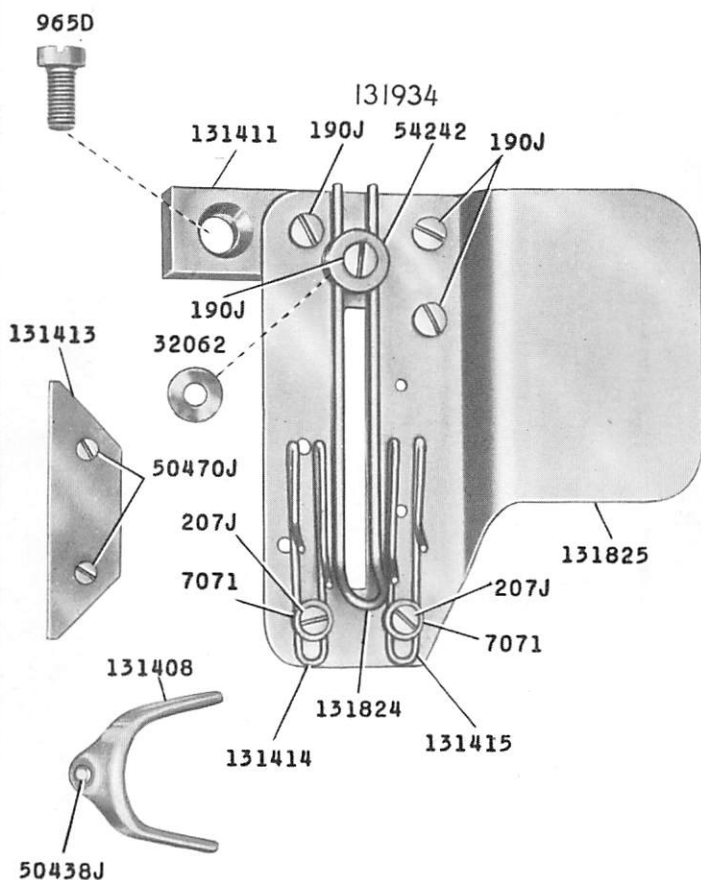
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20749 - 2/3

20750 - 2/3

147-110



1499J



1499J



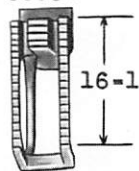
2440I - 2/3

147-110

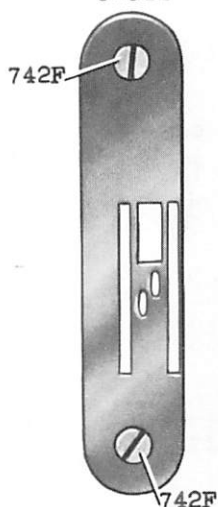
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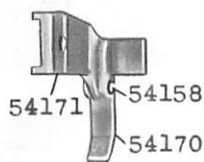
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54172



203J



52535



190J



54038



176J



131131



131132



217C



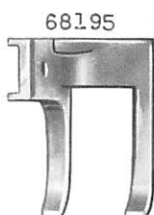
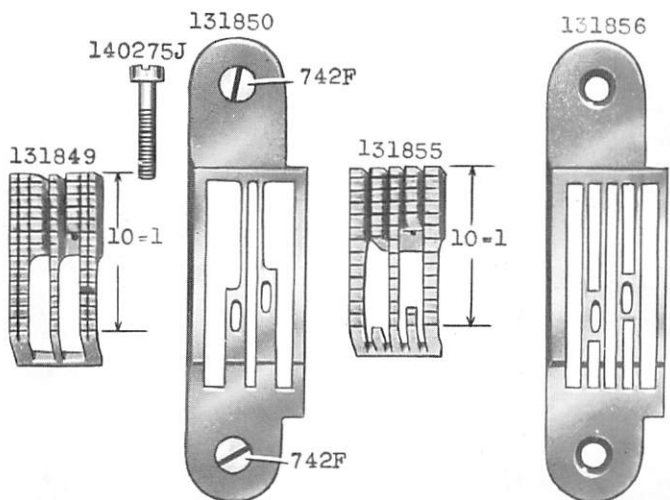
54067



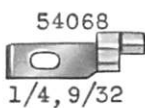
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24402 - $\frac{2}{3}$

147-110



54038



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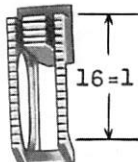
24403 - 2/3

147-III

140275J



68354



16=1

131657

742F



742F

203J



131652



190J



131655



54038



176J



131653



131654



217C



54320

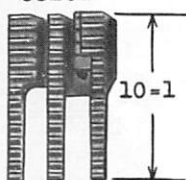


3/32, 1/8, 5/32

24404 - $\frac{2}{3}$

147-110

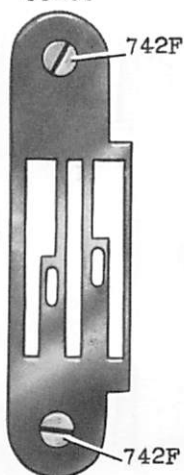
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140275J



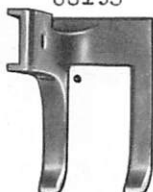
68198



203J



68195



190J



68196



131458



131459



54038



176J



54068



$\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$

54069



$\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$

217C



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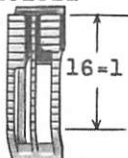
24405 - 2/3

147-110

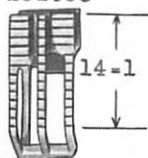
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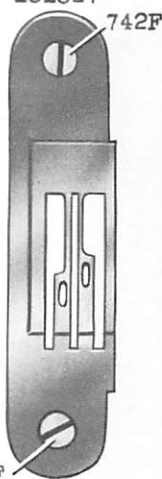
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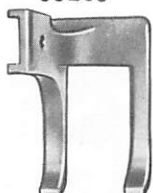
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203J



68195



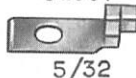
190J



68196



54067



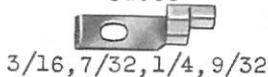
54038



176J



54068



54069



217C



131458



131459



5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32

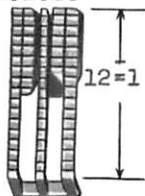
24406 - 2/3

147-110

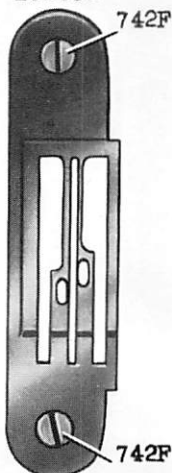
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131948



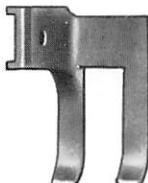
131951



203J



131949



190J



131950



131458



131459



54038



176J



217C



54068



3/16, 7/32, 1/4, 9/32

54069



5/16, 11/32, 3/8

3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8

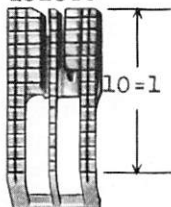
24407 - 2/3

147-110

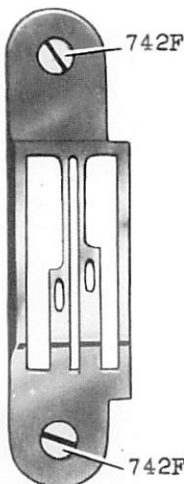
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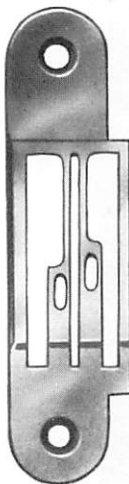
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131850



131956



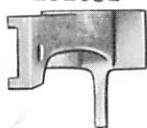
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131459



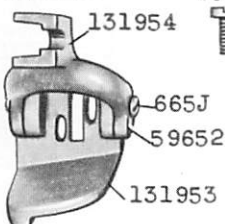
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203J



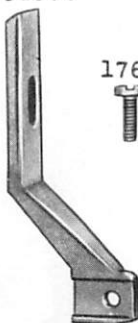
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190J



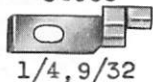
54038



176J



54068



54069



217C

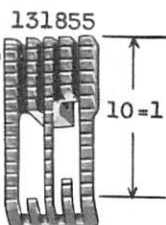
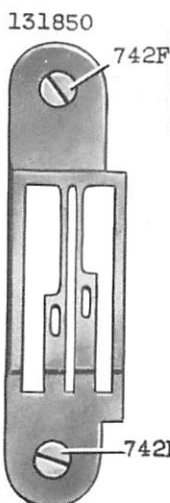
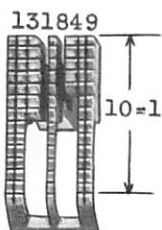


5/16, 11/32, 3/8

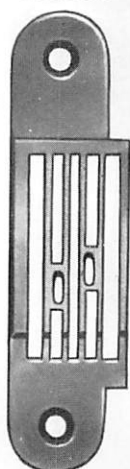
1/4, 9/32, 5/16, 11/32, 3/8

24408 - 2/3

147-110



131856



140275J

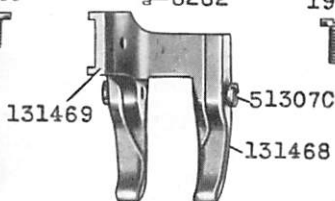


203J



131470

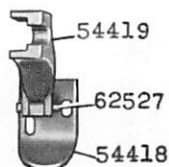
8282



190J



54420



54038



176J



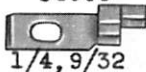
131458



131459



54068



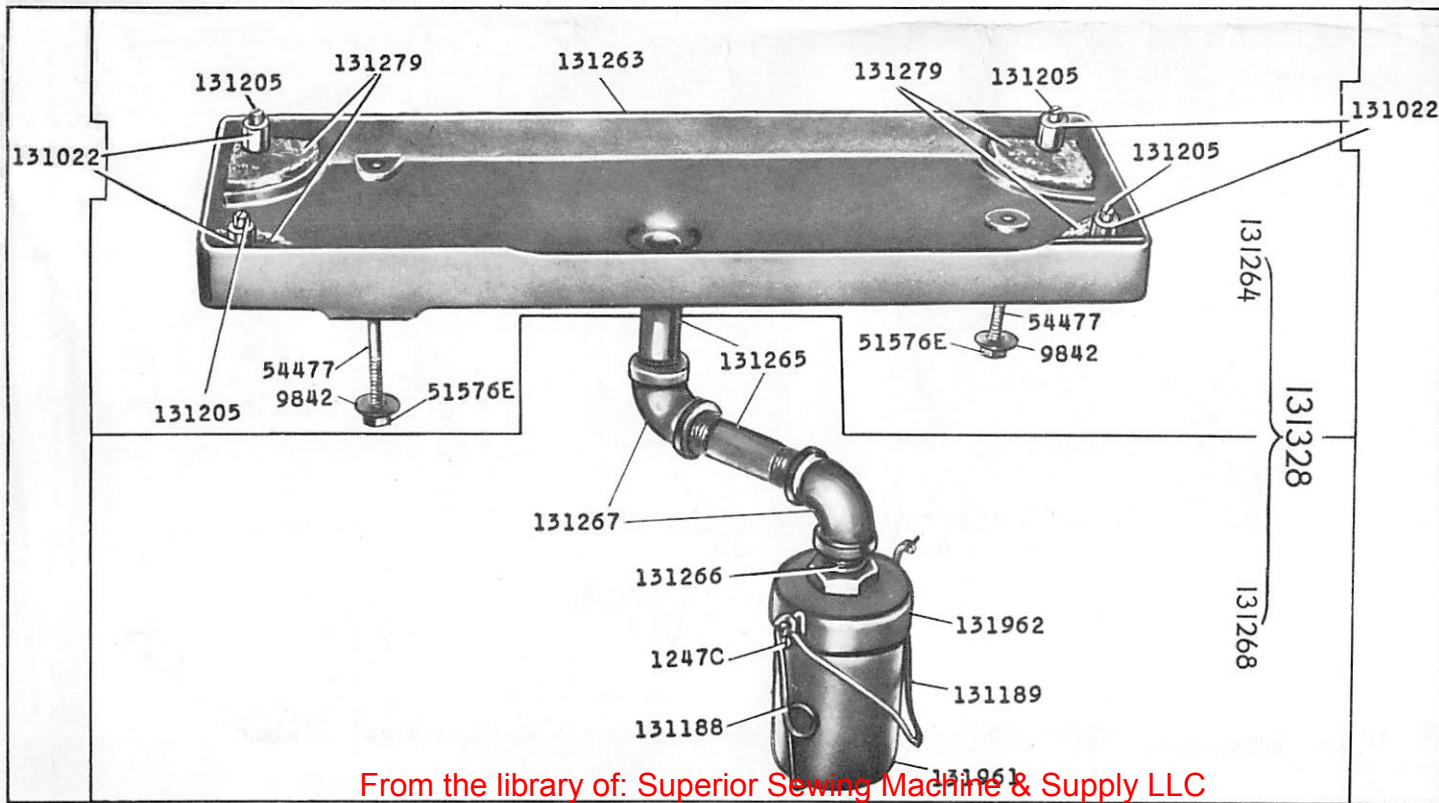
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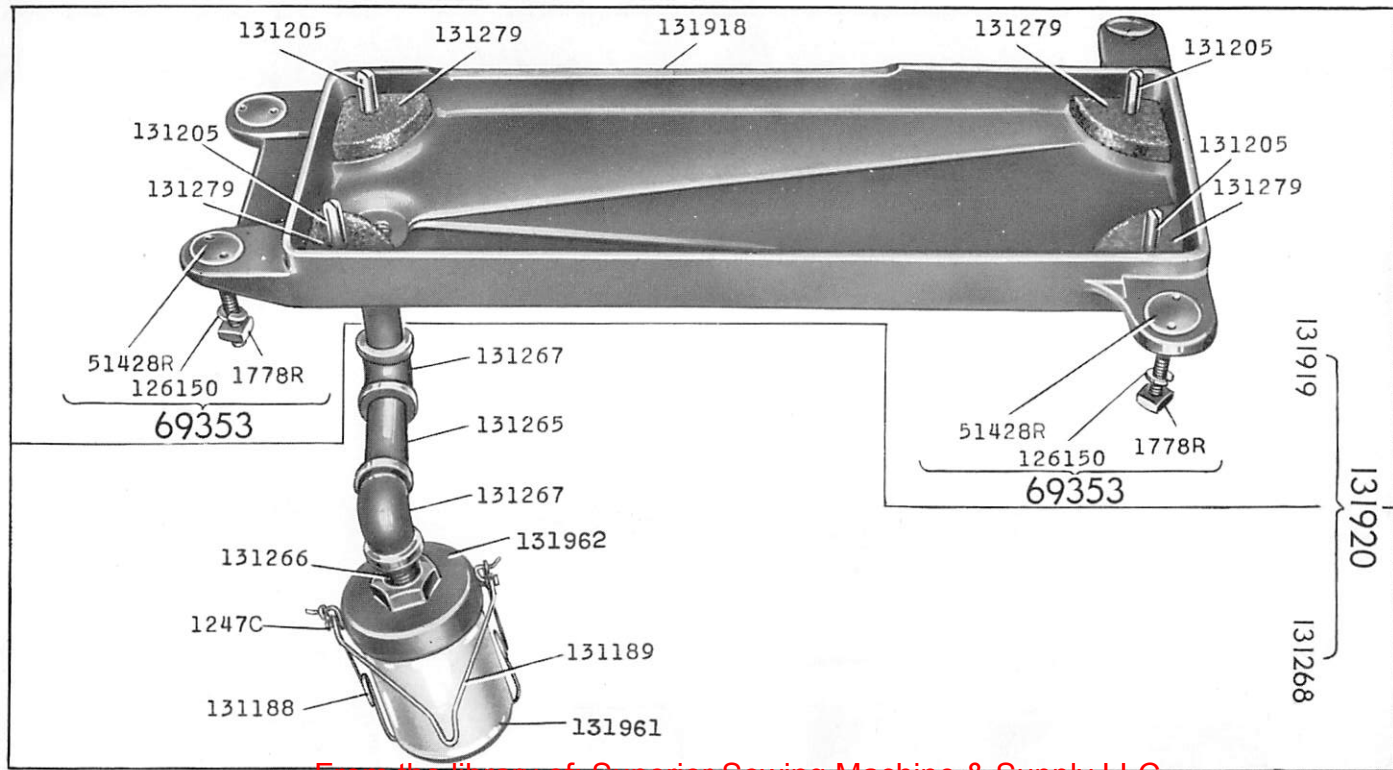
217C



1/4, 9/32, 5/16, 11/32, 3/8

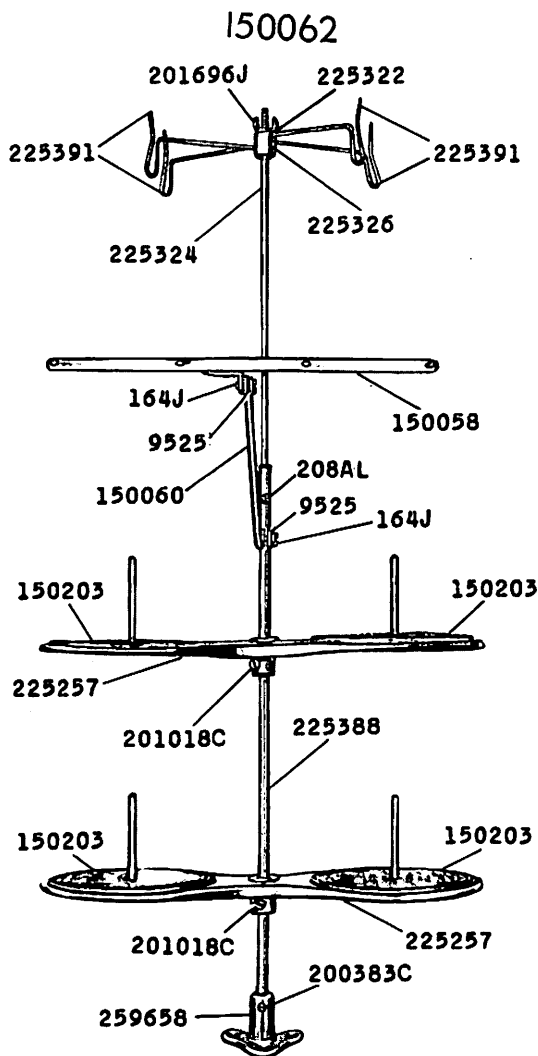


24409 - 1/4



24410 - 1/4

24411 - 1/6



27739



225390



24412 - 2/3

147-III

