

SINGER

147-87

Form 19859

(442)

Printed in U. S. A.

LIST OF PARTS



MACHINE No. 147-87

THE SINGER MANUFACTURING COMPANY

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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.

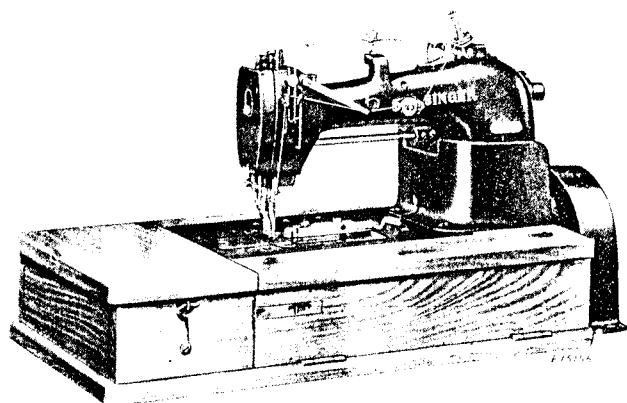
In this series:

- 1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers
- 1501 to 1800 and 51501 to 51800 are Nut Numbers
- 1901 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. 147-87

FOR CLOTH OR LEATHER. STITCHING GLOVES,
CLOSING SHOES; ALSO FOR BINDING LIGHT AND MEDIUM
FABRICS OR LEATHER. ONE NEEDLE, ONE LOOPER.
INDEPENDENT UPPER AND UNDER FEED. ALTERNATING
PRESSERS. BALL BEARING. LENGTH OF STITCH UP TO
5 TO THE INCH. NEEDLE BAR STROKE $1 \frac{5}{16}$ INCHES.
SPEED 3000 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 bear- ing).....
139017	20688	Arm Hole Plug Screw Washer.....
68350	20711	" Oil Cup, for oiling Arm Rock Shaft Front Bearing.....

No.	Plate	Name
389F	20714	Cloth Plate Thread Guard Screw (lower)
50473F	20714	Cloth Plate Thread Guard Screw (upper)
*131471	20712	Crank Connecting Rod with two each 896AL and 1057AL
Note: When No. 131471 is required for repairs, the 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.		
131489	-----	Crank Connecting Rod 131471 with 131486
896AL	20712	Crank Connecting Rod Cap (lower) Screw (2)
1057AL	20712	Crank Connecting Rod Cap (upper) Screw (2)
131735	20713	Face Plate
142W	20713	" Screw (2)
131854	20716	Feed Dog, 14 teeth (14 teeth to the inch) for 54168 and 54215, for glove work
140275J	20716	Feed Dog Screw
460AL	20683	" Stop Screw
131729	20683	" (lower) Bar
131730	20683	" Feed Dog Seat (adjustable) with 460AL
190J	20683	Feed (lower) Bar Feed Dog Seat Screw
22436	20683	Washer
131731	-----	Feed (lower) Bar with Feed Dog Leveling Device complete, Nos. 190J, 22436, 68467, 131729, 131730 and two 207E
131197	20683	Feed (lower) Bar Hinge Pin (eccentric)
59343	20683	" Collar
735AL	20683	Feed (lower) Bar Hinge Pin Collar Set Screw
134258	20683	Feed (lower) Bar Slide Block
134259	20683	" 134258 with 68495 and 134260
68495	20683	Feed (lower) Bar Slide Block Oil Pad (wick)
134260	20683	Feed (lower) Bar Slide Block Oil Pad Retainer
68467	20683	Feed (lower) Bar Wearing Plate
207E	20683	" Screw (2)
131500	20712	Feed (lower) Connecting Rod with 1057AL, 68497, 134260 and two 896AL
131502	-----	Feed (lower) Connecting Rod 131500 with 54025
896AL	20712	Feed (lower) Connecting Rod Cap Screw (2)
1057AL	20712	Feed (lower) Connecting Rod Clamping Screw
68497	20712	Feed (lower) Connecting Rod Oil Pad (wick)
134260	20712	Feed (lower) Connecting Rod Oil Pad Retainer
*54024	-----	Feed (lower) Eccentric with 138306

No.	Plate	Name
*23729	-----	Feed (lower) Eccentric Body
51061AL	20712	" Set Screw (3)
7071	20712	Feed (lower) Eccentric Clamping Washer (2)
217J	20712	Feed (lower) Eccentric Clamping Washer Screw (2)
138306	-----	Feed (lower) Eccentric Lubricating Pad (wood)
54025	20712	Feed (lower) Eccentric (adjustable) complete, Nos. 1103C, 23729, 54024, two each 217J, 7071 and three 51061AL
1103C	20712	Feed (lower) Regulating Screw
131240	20683	" Rocking Frame with two 453AL
131732	-----	Feed (lower) Rocking Frame 131240 with 59343, 131197 and 131731
57234	20683	Feed (lower) Rocking Frame Hinge Pin
57235	20683	Bushing (2)
453AL	20683	Feed (lower) Rocking Frame Hinge Pin Bushing Set Screw (2)
453AL	20683	Feed (lower) Rocking Frame Hinge Pin Set Screw (2)
131613	20713	Feed (upper) Bar for glove work
131691	-----	Feed (upper) Bar 131613 with 1194C, 1749C, 9525, 52595, 54143 to 54145, 54150, 127946, 131615 and six 1423W
131614	-----	Feed (upper) Bar for binding and general work
131692	-----	Feed (upper) Bar 131614 with 1194C, 1749C, 9525, 52595, 54143 to 54145, 54150, 127946, 131615 and six 1423W
1423W	20713	Feed (upper) Bar Cap Screw
131615	20713	" " " Connecting Bracket
54143	20713	" " " Link (lower)
1423W	20713	Feed (upper) Bar Connecting Link (lower) Cap Screw (2)
54145	20713	Feed (upper) Bar Connecting Link (upper)
1423W	20713	Feed (upper) Bar Connecting Link (upper) Cap Screw
54144	20713	Feed (upper) Bell Crank
1423W	20713	" " " Cap Screw
54150	20713	" " " " Connecting Link
1423W	20713	Feed (upper) Bell Crank Connecting Link Cap Screw
1194C	20713	Feed (upper) Bell Crank Connecting Link Hinge Screw
1749C	20713	Feed (upper) Bell Crank Connecting Link Hinge Screw Nut
9525	20713	Feed (upper) Bell Crank Connecting Link Hinge Screw Nut Washer
127946	20713	Feed (upper) Bell Crank Connecting Stud with 50200C
50200C	20713	Feed (upper) Bell Crank Connecting Stud Set Screw
131500	20712	Feed (upper) Connecting Rod with 1057AL, 68497, 134260 and two 896AL

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No.	Plate	Name
131617	-----	Feed (upper) Connecting Rod 131500 with 54456.....
896AL	20712	Feed (upper) Connecting Rod Cap Screw (2).....
1057AL	20712	Feed (upper) Connecting Rod Clamping Screw.....
131618	20683	Feed (upper) Connecting Rod Crank with two 140123AL.....
140123AL	20683	Feed (upper) Connecting Rod Crank Set Screw (2).....
131619	20683	Feed (upper) Connecting Rod Hinge Stud.....
68497	20712	Feed (upper) Connecting Rod Oil Pad (wick).....
134260	20712	Feed (upper) Connecting Rod Oil Pad Retainer.....
*54024	-----	Feed (upper) Eccentric with 138306...
*54455	-----	" " " " Body.....
51061AL	20712	" " " " Set Screw (3).....
7071	20712	Feed (upper) Eccentric Clamping Washer (2).....
217JJ	20712	Feed (upper) Eccentric Clamping Washer Screw (2).....
138306	-----	Feed (upper) Eccentric Lubricating Pad (wood).....
54456	20712	Feed (upper) Eccentric (adjustable) complete, Nos. 1103C, 54024, 54455, two each 217J, 7071 and three 51061AL.....
131736	20713	Feed (upper) Lifting Regulator.....
131737	20713	" " " " Connection with 140123AL.....
140123AL	20713	Feed (upper) Lifting Regulator Connection Clamping Screw.....
131622	20713	Feed (upper) Lifting Regulator Connection Sleeve.....
131738	20711	Feed (upper) Lifting Regulator Connection Sleeve Slide Block.....
131695	20711	Feed (upper) Lifting Regulator Connection Sleeve Slide Block Clamping Washer (2).....
914J	20711	Feed (upper) Lifting Regulator Connection Sleeve Slide Block Clamping Washer Screw (2).....
50391C	20711	Feed (upper) Lifting Regulator Connection Sleeve Slide Block Position Screw.....
1103C	20712	Feed (upper) Regulating Screw.....
54155	20683	" " " " Rock Shaft.....
54369	20683	" " " " Collar with two 465C.....
465C	20683	Feed (upper) Rock Shaft Collar Set Screw (2).....
54156	20683	Feed (upper) Rock Shaft Crank (back) with two 50200C.....
50200C	20683	Feed (upper) Rock Shaft Crank (back) Set Screw (2).....
52595	20713	Feed (upper) Rock Shaft Crank (front) with 1057AL.....
1057AL	20713	Feed (upper) Rock Shaft Crank (front) Clamping Screw.....
131624	20683	Feed (upper) Rock Shaft Pitman.....

No.	Plate	Name
131625	20683	Feed (upper) Rock Shaft Pitman Crank with two 50200C.....
50200C	20683	Feed (upper) Rock Shaft Pitman Crank Set Screw (2).....
131626	20683	Feed (upper) Rock Shaft Pitman Crank Shaft.....
131627	20683	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket.....
120E	20683	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket Screw (3).....
41F	20683	Feed (upper) Rock Shaft Pitman Hinge Screw (2).....
1570J	20683	Feed (upper) Rock Shaft Pitman Hinge Screw Nut (2).....
54158	20716	Feeding Foot Hinge Pin.....
54159	20716	" " " " Plate.....
54160	20716	" " " " Shank.....
54161	20716	Feeding Foot (hinged) complete, for glove work, Nos. 54158 to 54160..
208J	20716	Feeding Foot Screw.....
25618	20716	Guide.....
5124W	20716	" " " " Thumb Screw.....
57255	20717	Lifting Presser Bar.....
131670	20713	" " " " Bushing (lower).....
1133E	20713	" " " " " Set Screw.....
54162	20713	Lifting Presser Bar Bushing (upper).....
1133E	20713	" " " " " Set Screw.....
131670	20713	Lifting Presser Bar Lifting Bracket with 453AL.....
131671	20713	Lifting Presser Bar Lifting Bracket Guide.....
453AL	20713	Lifting Presser Bar Lifting Bracket Guide Set Screw.....
453AL	20713	Lifting Presser Bar Lifting Bracket Set Screw.....
131672	20686	Lifting Presser Bar Lifting Lever.....
68184	20686	" " " " " Extension.....
161J	20686	Lifting Presser Bar Lifting Lever Extension Screw (2).....
802D	20686	Lifting Presser Bar Lifting Lever Hinge Screw.....
131749	20688	Lifting Presser Bar Spring.....
131750	20688	" " " " " (auxiliary).....
131751	20688	" " " " " Screw Stud.....
1637J	20688	" " " " " Lock Nut.....
38468	20688	Lifting Presser Bar Spring Stud.....
131830	20688	Lifting Presser Bar Spring complete, Nos. 1637J, 51697W and 131749 to 131752.....
131851	20688	Lifting Presser Bar Spring (less auxiliary spring) complete, Nos. 1637J, 42290K, 51697W, 131749 and 131751.....
54204	20716	Lifting Presser Foot (raised toe) for glove work.....
190J	20716	Lifting Presser Foot Screw.....
131939	20716	Looper.....
131940	20716	" " " " " with 229E and 131135... ..
54027	20719	" " " " " Carrier with two 175E.....
175E	20719	" " " " " Adjusting Screw (2)....

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No.	Plate	Name
54227	20719	Looper Carrier Connection.....
54228	20719	" " " Shaft.....
128419	20719	" " " " 011
		Pad (braided cotton).....
68478	20719	Looper Carrier Connection Shaft
		Sleeve (eccentric).....
51263D	20719	Looper Carrier Connection Shaft
		Sleeve Cap Screw.....
68479	20719	Looper Carrier Driver with four 175E.
175E	20719	" " " Cap Screw (4)..
*131110	20719	" Driving Shaft and Feed Lifting
		Eccentric.....
Note: When No. 131110 is required for repairs, the Arm Rotary Shaft must be returned to the factory to be adjusted to the new part.		
*131111	-----	Looper Driving Shaft and Feed Lifting
		Eccentric 131110 with 54027,54227, 54228 and 68479.....
*68483	-----	Looper Driving Shaft and Feed Lifting
		Eccentric Bracket with 761E.....
948J	20712	Looper Driving Shaft and Feed Lifting
		Eccentric Bracket Screw.....
68484	20719	Looper Driving Shaft and Feed Lifting
		Eccentric Bushing.....
131028	20719	Looper Driving Shaft and Feed Lifting
		Eccentric Bushing Oil Plug.....
761E	20712	Looper Driving Shaft and Feed Lifting
		Eccentric Bushing Position Screw.
68497	-----	Looper Driving Shaft and Feed Lifting
		Eccentric Front Bearing Oil Pad
		(wick).....
640E	20712	Looper Driving Shaft and Feed Lifting
		Eccentric Screw.....
131504	20719	Looper Holder with 1120AL.....
51119J	20719	" " " Screw.....
131135	20716	" Needle Guard with 46105.....
46105	20716	" " " Pin.....
229E	20716	" " " Screw.....
1120AL	20719	" Set Screw.....
68485	20719	" Throw-out Handle with two
		443AL.....
68486	20719	Looper Throw-out Handle Plunger.....
43503	20719	" " " Spring
443AL	20719	" " " Set Screw (2)
131739	20713	Needle Bar (hollow) with 857AL.....
131291	20713	" " Bushing (lower).....
1133E	20713	" " " Set Screw.
68187	20713	" " " (upper).....
1133E	20713	" " " Set Screw..
68488	20713	" " Connecting Link and Thread
		(upper) Controller.....
131399	-----	Needle Bar Connecting Link and Thread
		(upper) Controller 68488 with
		68489 and 131400.....
68489	20713	Needle Bar Connecting Link Hinge Stud
		(hollow).....
1520J	20713	Needle Bar Connecting Link Hinge Stud
		Nut.....
131270	20713	Needle Bar Connecting Link Hinge Stud
		Oil Pad (wick).....
861F	20713	Needle Bar Connecting Link Hinge Stud
		Oil Plug Screw.....
853AL	20711	Needle Bar Connecting Link Hinge Stud
		Set Screw.....

No.	Plate	Name
131400	20713	Needle Bar Connecting Stud with 211F
		and 1492E.....
1492E	20713	Needle Bar Connecting Stud Clamping
		Screw.....
131316	20683	Needle Guard (movable).....
68123	20683	" " " Clamp.....
857AL	20713	" Set Screw.....
131636	20684	Oil Pipe (back of arm) with 68497,
		for oiling Feed (lower) Rocking
		Frame Hinge Pin Front Bearing....
68493	20684	Oil Pipe (back of arm) Clamp.....
176E	20684	" " " " " Screw...
68494	20684	" " " " " Connection
		with 68495 and two 198E, for oil-
		ing Feed (lower) Rocking Frame
		Hinge Pin Back Bearing.....
68494	20684	Oil Pipe (back of arm) Connection
		with 68495 and two 198E for oil-
		ing Feed (upper) Rock Shaft Pit-
		man Crank Shaft.....
		198E
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.....
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 Con-
		necting Rod.....
131113	20684	Oil Pipe (front of arm) with 68497
		and 131003, for oiling Feed
		(upper) Connecting Rod.....
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.....
		198E
198E	20684	Oil Pipe (front of arm) Connection
		Cap Screw (10).....
131004	20684	Oil Pipe (front of arm) Coupling
		(center).....
131004	20684	Oil Pipe (front of arm) Coupling
		(left).....
131087	20684	Oil Pipe (front of arm) Coupling
		(right) with Oil Lead.....
		1733
1733	20684	Oil Pipe (front of arm) Coupling Nut
		(brass) (3).....

No.	Plate	Name
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).....
51697W	20688	Pressure Regulating Thumb Nut.....
131752	20688	" " Washer for 131830.....
42290K	20688	Pressure Regulating Thumb Nut Washer for 131851.....
131025	20715	Slack Thread Controller.....
54242	20715	" " " " Clamp.....
190J	20715	" " " " Screw..
131896	20715	" " " " Regulator.....
131404	20715	" " " " Holder.....
131405	20715	" " " " Crank with 171AL.....
1423J	20715	Slack Thread Regulator Holder Crank Cap Screw.....
171AL	20715	Slack Thread Regulator Holder Crank Clamping Screw.....
131639	20715	Slack Thread Regulator Holder Crank Connecting Link.....
217J	20715	Slack Thread Regulator Screw.....
131012	20686	Tension (under thread) Bracket.....
691F	20686	" " " " Screw.....
2102	20686	" " " " Disc (2).....
51570C	20686	" " " " Regulating Thumb Nut.....
50326C	20686	Tension (under thread) Screw Stud.....
59539	-----	50326C with 51570C.....
131740	20686	Tension (under thread) Spring.....
59537	20686	" " " " Bushing (large).....
59538	20686	Tension (under thread) Spring Bushing (small).....
131696	20686	Tension (under thread) Thread Guide..
54045	20686	" (upper thread) Bracket.....
376J	20686	" " " " Screw.....
2102	20686	" " " " Disc (2).....
51570C	20686	" " " " Regulating Thumb Nut.....
32572	20686	Tension (upper thread) Releasing Disc.....
54988	20686	" " " " Pin.....
54046	20686	" " " " Shaft.....
54047	20686	" " " " " Crank with 624AL.....
54048	20686	Tension (upper thread) Releasing Shaft Crank Link.....
624AL	20686	Tension (upper thread) Releasing Shaft Crank Set Screw.....
68261	20686	Tension (upper thread) Releasing Shaft Spring.....
131011	20686	Tension (upper thread) Releasing Shaft Spring Position Plate.....
316C	20686	Tension (upper thread) Releasing Shaft Stop Screw.....
1547J	20686	Tension (upper thread) Releasing Shaft Stop Screw Nut.....
50326C	20686	Tension (upper thread) Screw Stud.....
59539	-----	50326C with 51570C.....
131741	20686	Tension (upper thread) Spring.....

No.	Plate	Name
59537	20686	Tension (upper thread) Spring Bushing (large).....
59538	20686	Tension (upper thread) Spring Bushing (small).....
131696	20686	Tension (upper thread) Thread Guide..
53225	20686	Thread (under) Eyelet (back).....
190J	20686	" " " " Screw... Take-up with 1258AL...
131407	20712	" " " " " Oil Guard.....
131408	20717	" " " " " Screw
50438J	20717	" " " " " Set Screw.....
1258AL	20712	" " " " " Stripper.....
131824	20717	" " " " " Clamp
54242	20717	" " " " " Screw.....
190J	20717	Thread (under) Take-up Stripper Plate
131825	20717	Bracket.....
131411	20717	Thread (under) Take-up Stripper Plate Bracket 131411 with 32062, 50438J, 54242, 131408, 131413, 131421, 131422, 131824, 131825, two each 207J, 707L, 50470J and four 190J...
965D	20717	Thread (under) Take-up Stripper Plate Bracket Screw.....
190J	20717	Thread (under) Take-up Stripper Plate Screw (3).....
32062	20717	Thread (under) Take-up Stripper Washer.....
131413	20717	Thread (under) Take-up Thread Guard (fibre).....
50470J	20717	Thread (under) Take-up Thread Guard Screw (2).....
131421	20717	Thread (under) Take-up Thread Guide (left).....
207J	20717	Thread (under) Take-up Thread Guide (left) Screw.....
7071	20717	Thread (under) Take-up Thread Guide (left) Screw Washer.....
131422	20717	Thread (under) Take-up Thread Guide (right).....
207J	20717	Thread (under) Take-up Thread Guide (right) Screw.....
7071	20717	Thread (under) Take-up Thread Guide (right) Screw Washer.....
68129	20715	Thread (upper) Nipper Body.....
1149AL	20715	" " " " Set Screw..
68130	20715	" " " " Disc (inside)...
68131	20715	" " " " " Washer (fibre).....
68132	20715	Thread (upper) Nipper Disc (outside).....
1698R	20715	Nut.....
59456	20715	Thread (upper) Nipper Disc (outside) Nut Washer.....
68133	-----	Thread (upper) Nipper Roller.....
68134	-----	" " " " Hinge Pin.....
68135	-----	Thread (upper) Nipper Stud.....
68136	20715	" " " " 68135 with 68133 and 68134.....
13218	20715	Thread (upper) Nipper Stud Spring...
68137	20715	Thread (upper) Nipper complete, Nos. 1698R, 13218, 59456, 68129 to 68132 and 68136.....

BENCH STAND

No.	Plate	Name
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.....

EDGE GUIDE (Roller)

FOR GLOVE WORK

No.	Plate	Name
226261	20717	Edge Guide with 201849.....
226259	20717	" " Bed with 226264.....
226262	20717	" " Lever.....
226264	20717	" " Cushion (leather).....
200297B	20717	" " Hinge Screw.....
201836	-----	" " Roller.....
201849	20717	" " 201836 with 206521.....
206521	-----	" " Stud.....
226263	20717	" " Spring.....
120421	20717	Edge Guide (roller) complete, Nos. 200297B, 226259, 226261 to 226263 and two 50152J.....
50152J	20717	Edge Guide Screw (2).....

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	" Hook (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	" Hook (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.....

KNEE LIFTER PARTS

No.	Plate	Name
356C	20633	Rock Shaft Knee Plate 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	" " Stop Dog with 140219C.....
140219C	20633	" " " Set Screw.....
23767	20633	Rock Shaft complete, Nos. 2763, 2770, 6336, 6337, 7125 and two 12242....

MACHINE BASE

MACHINE BASE NO. 131264

WHEN MACHINE IS MOUNTED ON TOP OF TABLE

FOR USE WITH BENCH STAND NO. 79772

No.	Plate	Name
131264	21038	Machine Base.....
54477	21038	" Screw Stud, to fasten base to table (3).....
131205	21038	Machine Base Screw Stud, to position machine on base (4).....
51576E	21038	Machine Base Screw Stud Nut (3).....
9842	21038	Machine Base Screw Stud Nut Washer (3).....
131022	21038	Machine Base Screw Stud Bushing (rubber) (4).....
131279	21038	Machine Cushion (felt) (4).....
131264	21038	Machine Base complete, Nos. 131264, three each 9842, 51576E, 54477 and four each 131205 and 131279..
131328	21038	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. 1315115

No.	Plate	Name
131918	20718	Machine Base.....
51428R	20718	" Bolt with 1778R (4).....
1778R	20718	" " " Nut (4).....
126150	20718	" " " Lock Washer (4).....
69353	20718	Machine Base Bolt complete, to fasten base to table, Nos. 51428R and 126150 (4).....
131205	20718	Machine Base Screw Stud, to position machine on base (4).....
131022	21038	Machine Base Screw Stud Bushing (rubber) (4).....
131279	20718	Machine Cushion (felt) (4).....
131919	20718	Machine Base complete, Nos. 131918 and four each 69353, 131205 and 131279.....

MACHINE BASE

No.	Plate	Name
131920	20718	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
131185	21038	Jar (glass).....
131191	21038	" Cap.....
131188	21038	" Clamp.....
131217	-----	" " 131188 with 131189.....
131189	21038	" " Lever.....
1247C	21038	" " Hinge Screw (2).....
131265	21038	Nipple (long) (2).....
131266	21038	" (short).....
131267	21038	" Elbow (2).....
131268	21038	Machine Base Oil Drain Jar (swinging type) complete, Nos. 131185, 131191, 131217, 131266 and two each 1247C, 131265 and 131267.....

THREAD UNWINDER

(FOR TWO SPOOLS)

No.	Plate	Name
225257	20692	Spool Rest (for two spools) with 201018C.....
150203	20692	Spool Rest Cushion (felt) (2).....
225388	20692	" " Rod.....
200383C	20692	" " Set Screw.....
201018C	20692	" " Set Screw.....
202490	20692	" Stand with 200383C.....
225391	20692	Thread Guide (2).....
201696J	20692	" " Lock Nut.....
225326	20692	" " Position Cup.....
225324	20692	" " Rod with 208AL and 225322.....
208AL	20692	Thread Guide Rod Screw.....
225322	20692	" " Washer.....
150086	20692	Thread Separator.....
150060	20692	" " Bracket Arm with 164J and 9525.....
164J	20692	Thread Separator Bracket Arm Clamping Screw.....
9525	20692	Thread Separator Bracket Arm Clamping Screw Washer.....
164J	20692	Thread Separator Bracket Arm Screw... " " " "
9525	20692	" " " " Washer.....
150087	-----	Thread Separator complete, Nos. 164J, 9525, 150060 and 150086.....
150088	20692	Thread Unwinder complete, Nos. 150087, 201696J, 202490, 225257, 225324, 225326, 225388, two each 150203, 225391 and three wood screws 7/8 in. No. 12.....
27739	20692	Thread Cone (wood) for large cones...
225390	20692	" " Holder, for inverted cones.....

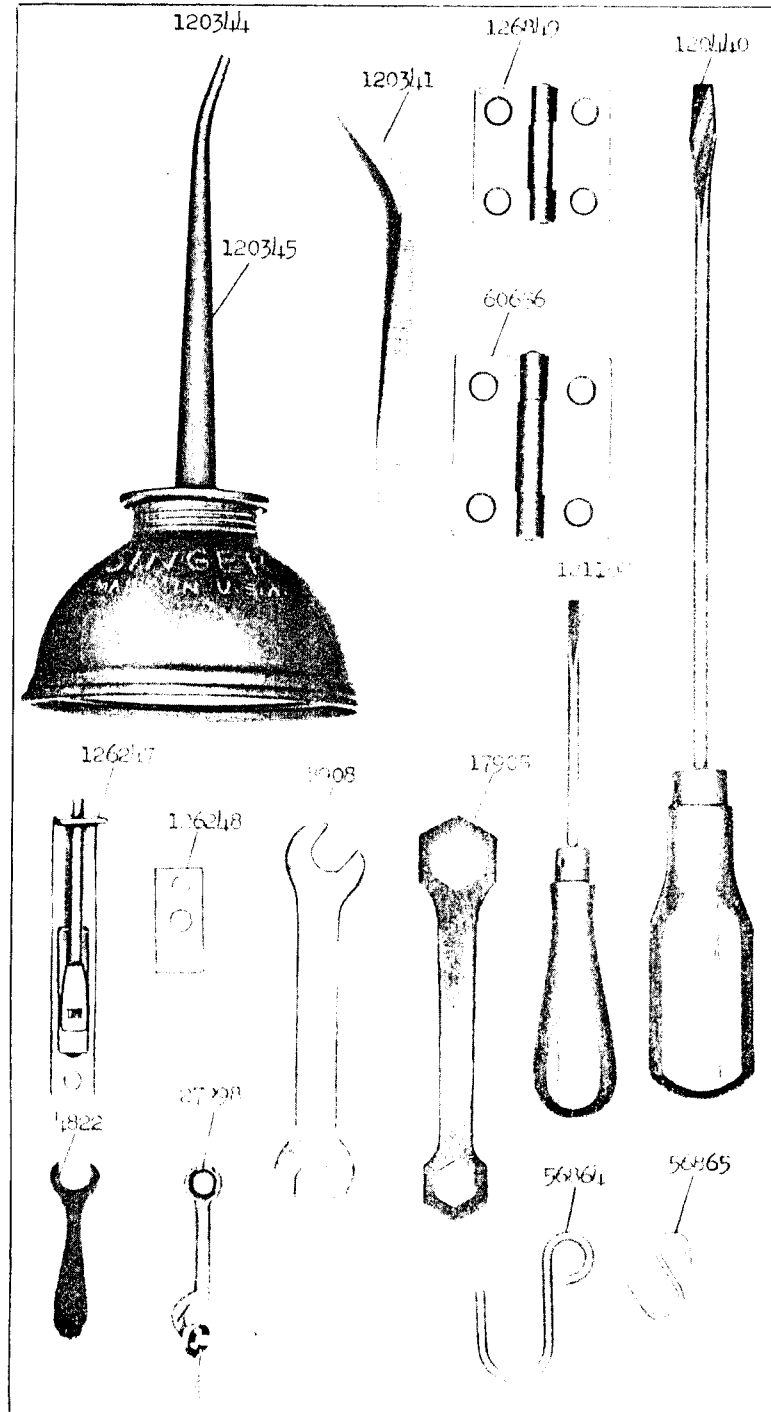
Note: Nos. 27739 and 225390 are used with, but
not included in 150088.

NUMERICAL LIST OF PARTS

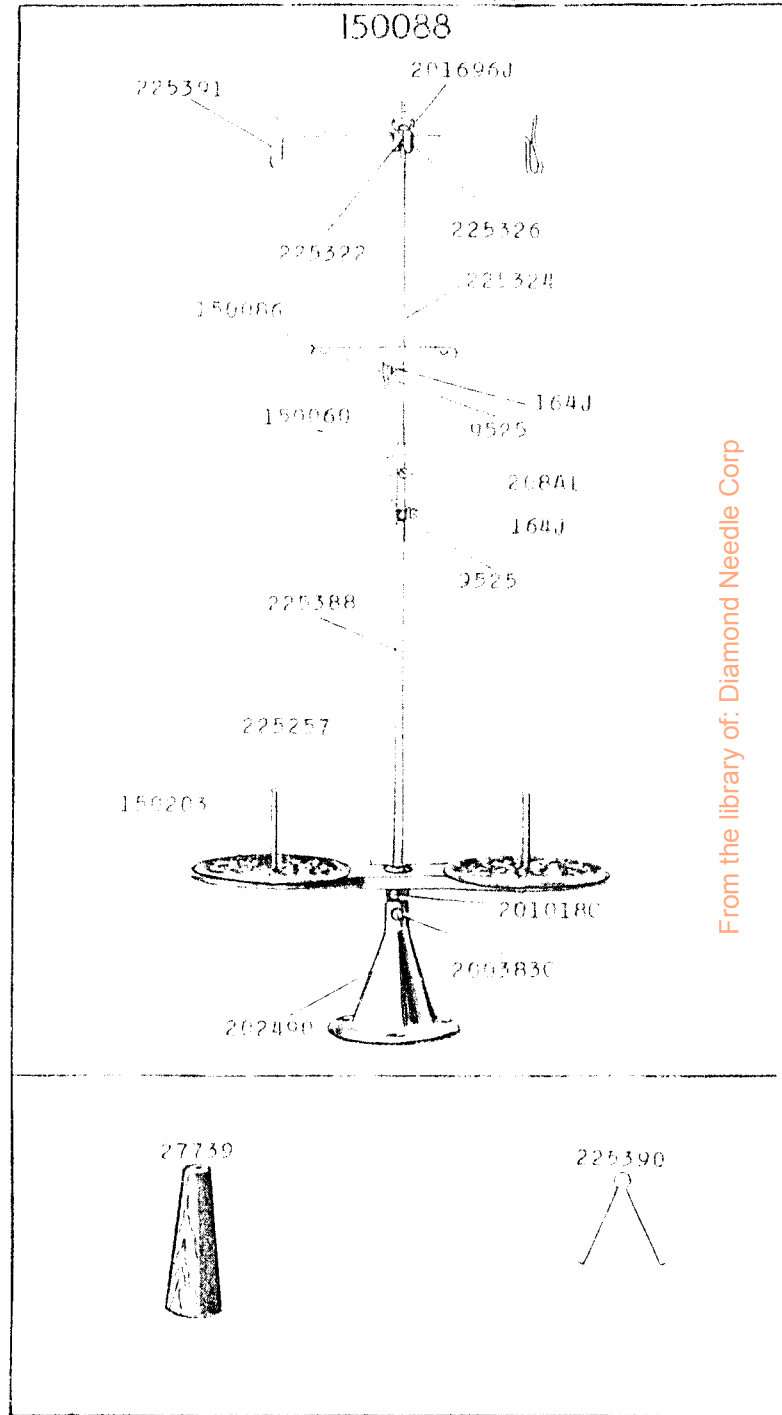
NUMERICAL
LIST
OF PARTS

No.	Plate	Name
41F	20683	Feed (upper) Rock Shaft Pitman Hinge Screw (2).....
129E	20683	Feed (upper) Rock Shaft Pitman Crank Shaft Bracket Screw (3).....
142W	20713	Face Plate Screw (2).....
144D	20712	Arm Rotary Shaft Screw.....
161J	20686	Lifting Presser Bar Lifting Lever Extension Screw (2).....
164J	20692	Thread Unwinder Thread Separator Bracket Arm Clamping Screw for 150060.....
164J	20692	Thread Unwinder Thread Separator Bracket Arm Screw for 150087.....
171AL	20715	Slack Thread Regulator Holder Crank Clamping Screw for 131405.....
175E	20719	Looper Carrier Adjusting Screw for 54027 (2).....
175E	20719	Looper Carrier Driver Cap Screw for 68479 (4).....
176E	20684	Oil Pipe (back of arm) Clamp Screw...
190J	20683	Feed (lower) Bar Feed Dog Seat Screw for 131731.....
190J	20716	Lifting Presser Foot Screw.....
190J	20715	Slack Thread Controller Clamp Screw...
190J	20686	Thread (under) Eyelet (back) Screw...
190J	20717	Thread (under) Take-up Stripper Clamp Screw for 131826.....
190J	20717	Thread (under) Take-up Stripper Plate Screw for 131826 (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).....
203J	20716	Feeding Foot Screw.....
205C	20712	Arm Rotary Shaft Ball Bearing (back) Case Cap Screw for 31479 (3).....
207E	20683	Feed (lower) Bar Weaving Plate Screw for 131731 (2).....
207J	20717	Thread (under) Take-up Thread Guide (left) Screw for 131826.....
207J	20717	Thread (under) Take-up Thread Guide (right) Screw for 131826.....
207J	20715	Thread (upper) Nipper Thread Guide Screw.....
208AL	20692	Thread Unwinder Thread Guide Rod Screw for 225324.....
211F	20713	Thread (upper) Take-up Set Screw for 131400.....
217J	20712	Feed (lower) Eccentric Clamping Washer Screw for 54025 (2).....
217J	20712	Feed (upper) Eccentric Clamping Washer Screw for 54456 (2).....
217J	20715	Slack Thread Regulator Screw.....
229E	20716	Looper Needle Guard Screw for 131940.
316C	20686	Tension (upper thread) Releasing Shaft Stop Screw.....
356C	20633	Rock Shaft Knee Arm Hub Set Screw for 2766.....
356C	20633	Rock Shaft Knee Plate Set Screw for 2767.....

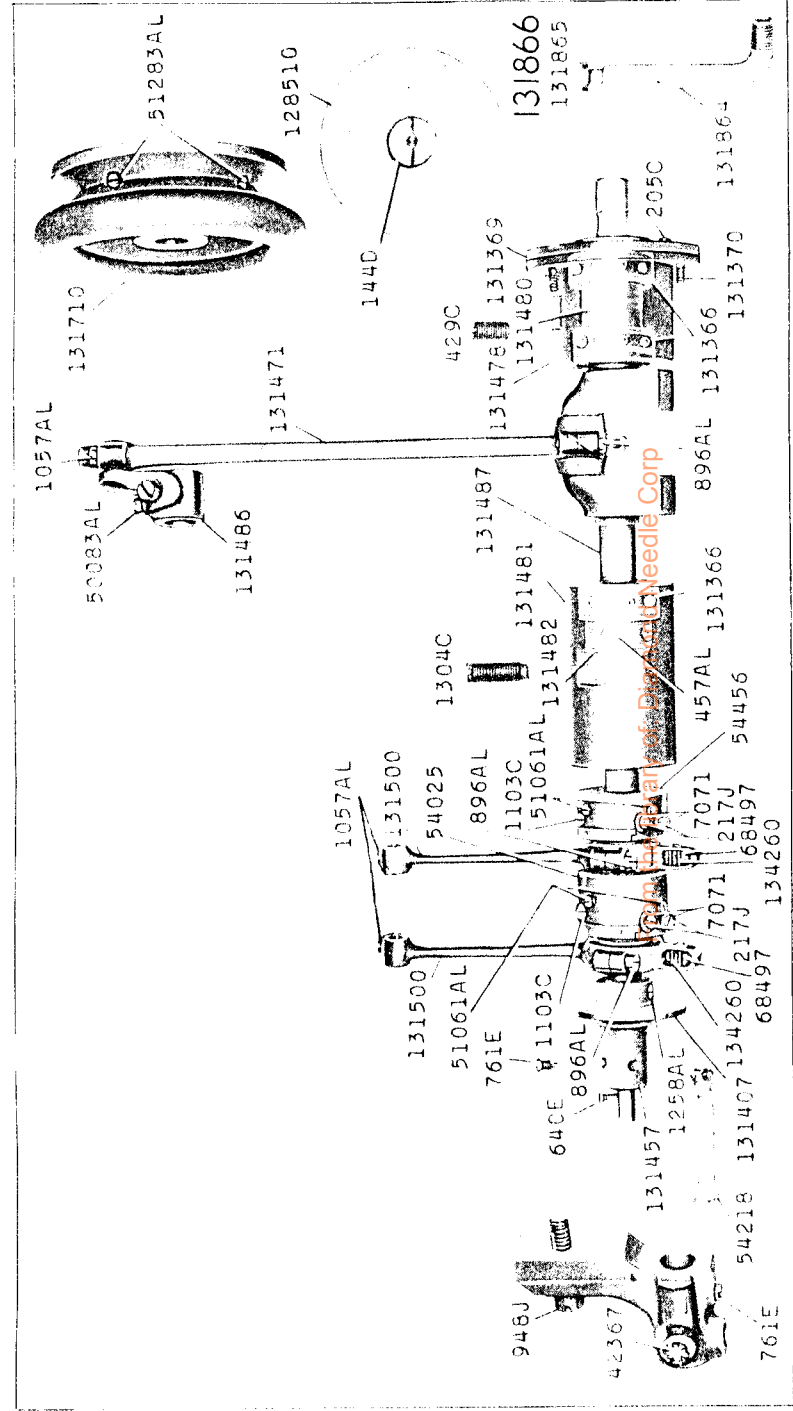
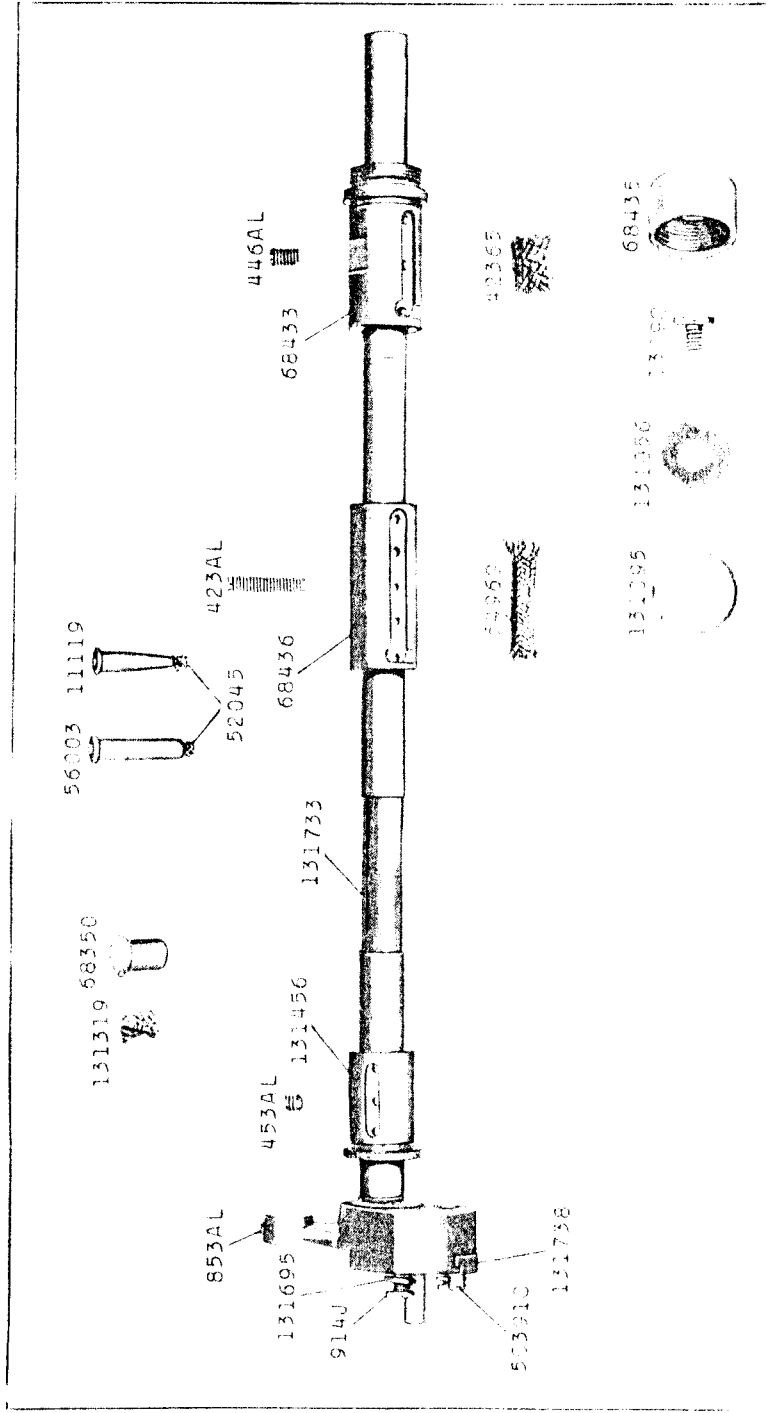
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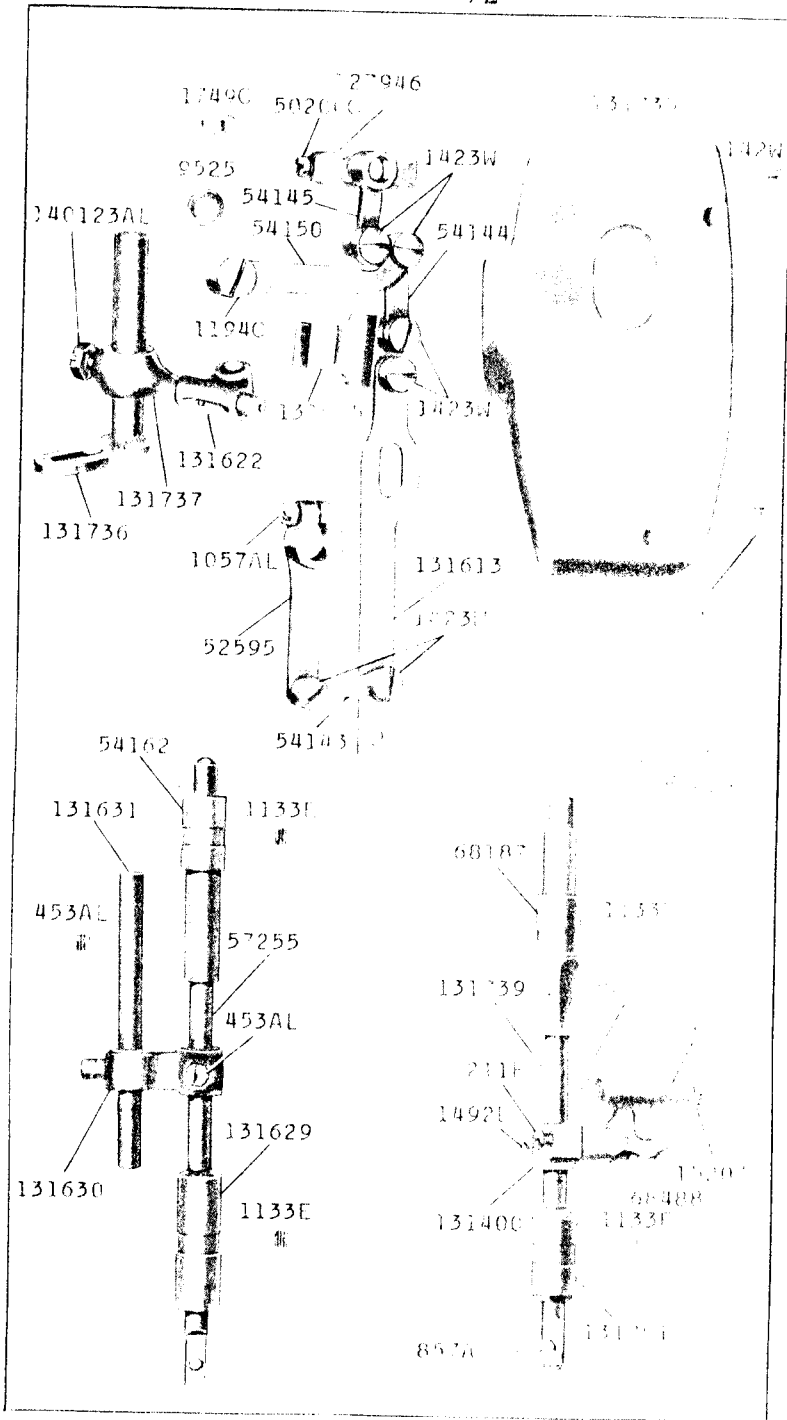
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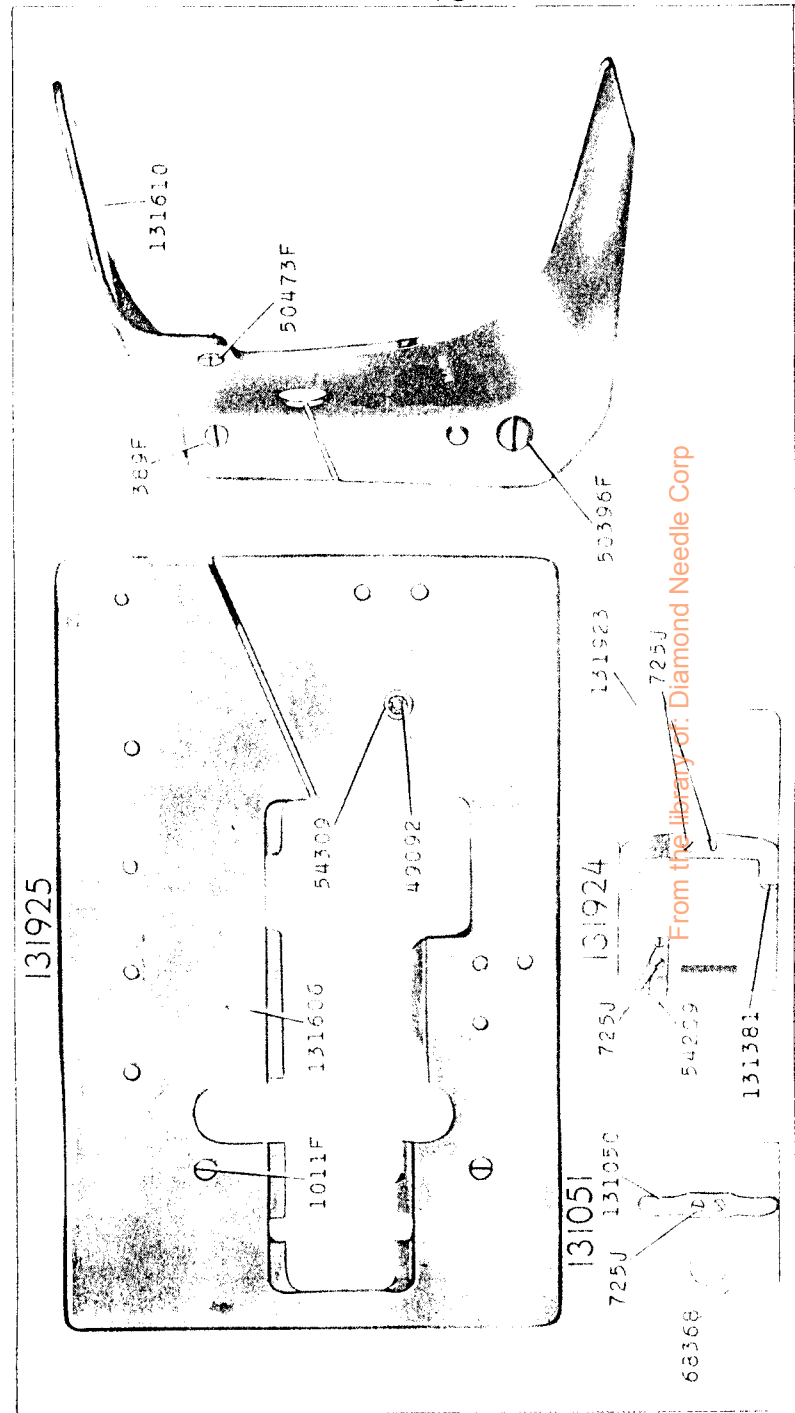
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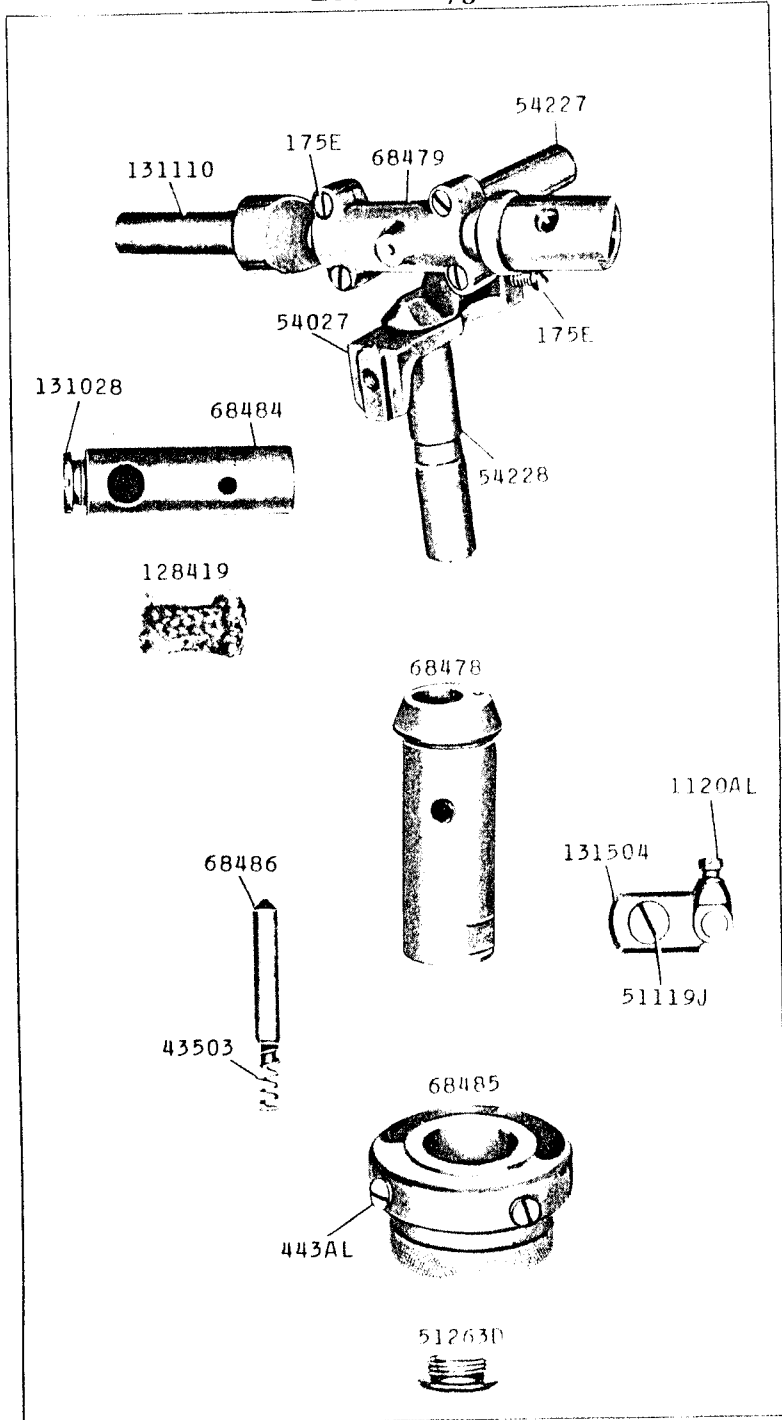
20713 - 1/2



20714 - 1/3



20719 - 2/3



21038 - 1/4

