

Form 20448

(151)

Printed in U. S. A.

LIST OF PARTS



MACHINE No. 246-5

**** A TRADE MARK OF**

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, the oil gauge should be checked daily. The oil level should be maintained at the midpoint of the gauge.

To oil the machine, apply "TYPE A" OIL, sold only by Singer Sewing Machine Company, to the oil filler cup on top of the machine, as instructed in Form 20182.

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INDEX

	Page
Accessories.....	20
Belt Guard (Adjustable).....	20
Chip Chute.....	20
Fittings Complete No. 164391.....	19
Foot Lifter Parts.....	21
Machine Base.....	21
Machine No. 246-5.....	7
Numerical List of Parts.....	23
Thread Unwinder No. 151031.....	21

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.

INSTRUCTIONS FOR ORDERING - Continued

- 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.
- 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 and 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.

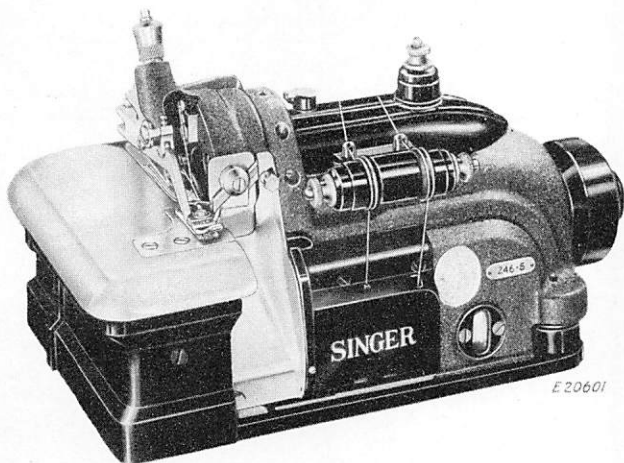
The figures in the second column refer only to the plates, illustrating the parts, and are **NOT TO BE USED** in ordering.

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

SINGER Needles should be used
in SINGER Machines.
These Needles and their Containers
are marked with the
Company's Trade Mark "SIMANCO.**" 1

Needles in Containers marked
"FOR SINGER MACHINES"
are NOT **SINGER** made needles. 2

LIST OF PARTS COMPLETE FOR



E20601

MACHINE No. 246-5

FOR TRIMMING AND OVEREDGING MEDIUM
HEAVY AND HEAVY WEIGHT FABRICS.

ONE NEEDLE. TWO LOOPERS.

GATHERING FEED. TRIMMER.

SPEED UP TO 5000 R. P. M., DEPENDING ON MATERIALS

USED AND OPERATIONS PERFORMED.

No.	Plate	Name
164001	24767	Chip Guard.....
1209J	24767	" " Screw (lower).....
140509J	24767	" " " (upper).....
164107	24767	Cloth Plate.....
164002	24767	" " Extension.....
914J	24767	" " " Screw (2)...
1700J	24767	" " " Nut...
164205	24767	" " Lock Spring.....
1700J	24767	" " " Nut.....
1250AL	24767	" " " Screw Stud
164104	24767	" " Plunger.....
164105	24767	" " " Spring.....

No.	Plate	Name
624AL	24767	Cloth Plate Plunger Set Screw.....
164106	24767	" " Position Collar with two 624AL.....
624AL	24767	Cloth Plate Position Collar Set Screw (2).....
164108	24767	Cloth Plate with Extension com- plete, Nos. 164002, 164107, 164205 and two each 914J and 1700J.....
164003	24789	Feed Bar Hinge Pin (eccentric)....
1389C	24789	" " " " Set Screw.....
164004	24789	" " Slide Block (back) (2)...
1628C	24789	" " " " " Nut...
17022	24789	" " " " " "
		Washer.....
164366	24789	Feed Bar Slide Block (front).....
164016	24789	" (back) Bar with 164010.....
164017	24789	" " " " Connection.....
164008	24789	" " " " Bearing
164009	24789	" " " " Hinge
		Screw Stud.....
1671C	24789	Feed (back) Bar Connection Hinge Screw Stud Nut.....
164010	24789	Feed (back) Bar Connection Hinge Screw Stud Nut Position Pin...
164367	24794	Feed (back) Dog Section (left)....
164223	24794	" " " " (right)...
1100AL	24794	" " " " "
		Screw.....
164369	24794	Feed (back) Dog complete, Nos. 1100AL, 164223 and 164367.....
1454F	24794	Feed (back) Dog Screw.....
164020	24789	" " Eccentric.....
		Note: Feed (back) Eccentric No. 164020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 164020 (14 stitches to the inch) is supplied regularly.
164006	24789	Feed (front) Bar with 164010.....
164007	24789	" " " " Connection.....
164018	24789	" " " " Bear-
		ing.....
164009	24789	Feed (front) Bar Connection Hinge Screw Stud.....
1671C	24789	Feed (front) Bar Connection Hinge Screw Stud Nut.....
164010	24789	Feed (front) Bar Connection Hinge Screw Stud Nut Position Pin...
164370	-----	Feed (back) and (front) Bars com- plete, Nos. 164006, 164007, 164008, 164016, 164017, 164018, 164366 and two each 1671C, 164004 and 164009.....
164371	24794	Feed (front) Dog.....
1454F	24794	" " " " Screw.....

No.	Plate	Name
164020	24789	Feed (front) Eccentric.....
	Note:	Feed (front) Eccentric No. 164020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 164020 (14 stitches to the inch) is supplied regularly.
164398	24789	Feed Eccentric Cover.....
164399	24789	" " " Bracket.....
157C	24789	" " " " Screw
629K	24789	" " " Hinge Screw..
164401	24789	" " " Latch Spring.
227J	24789	" " " " "
		Screw (2).....
164402	24789	Feed Eccentric Cover complete, Nos. 629K, 164023, 164398, 164399, 164401 and two 227J...
164023	24789	Feed Eccentric Oil Wick.....
164372	24790	" Lifting and Knife (movable) Lever Eccentric.....
164455	24793	Finger Guard.....
164456	24793	" " Adaptor.....
1259AL	24793	" " " Screw.....
1423J	24793	" " " Screw.....
164308	24791	Knife (movable) (2).....
164027	24791	" " " Clamp.....
140050C	24791	" " " " Screw.....
164028	24791	" " " Guard (lower).....
164458	24791	" " " (upper).....
164029	24791	" " " Holder.....
198J	24791	" " " " Screw.....
164030	24791	" " " " " Bearing.....
164031	24791	Knife (movable) Lever with 620AL..
164211	-----	" " " " 164031 with 132583, 164035, 164136 and 164153.....
164032	24791	Knife (movable) Lever Bearing.....
50421AL	24791	" " " " " Set Screw (long).....
624AL	24791	Knife (movable) Lever Bearing Set Screw (short).....
164373	24793	Knife (movable) Lever Cover and Presser Bar (upright) Housing with 1259AL.....
50073J	24793	Knife (movable) Lever Cover and Presser Bar (upright) Housing Screw (2).....
164374	-----	Knife (movable) Lever Cover and Presser Bar (upright) Housing complete, Nos. 50060K, 164137, 164138, 164139, 164142, 164143, 164144, 164194 and 164373.....
164180	24791	Knife (movable) Lever Guide.....
164181	24791	" " " " " Holder with two 140239AL.....

No.	Plate	Name
164210	24791	Knife (movable) Lever Guide Holder 164181 with 197J, 164177, 164180 and 164182.....
140239AL	24791	Knife (movable) Lever Guide Holder Set Screw (2).....
164182	24791	Knife (movable) Lever Guide Holder Thread Tube.....
50421AL	24791	Knife (movable) Lever Guide Holder Thread Tube Set Screw.....
197J	24791	Knife (movable) Lever Guide Screw.
132583	24791	" " " Hinge Pin with 132584.....
132584	24791	Knife (movable) Lever Hinge Pin Oil Wick.....
620AL	24791	Knife (movable) Lever Hinge Pin Set Screw.....
164034	24791	Knife (movable) Lever Hinge Stud..
164035	-----	" " " " "
		164034 with 164036 and 164269.
164036	24791	Knife (movable) Lever Hinge Stud Oil Wick (long).....
164269	-----	Knife (movable) Lever Hinge Stud Oil Wick (short).....
50421AL	24791	Knife (movable) Lever Hinge Stud Set Screw (back).....
1143AL	24791	Knife (movable) Lever Hinge Stud Set Screw (top).....
164233	24791	Knife (stationary) (2).....
164038	24791	" " " Clamping Stud..
51715AL	24791	" " " "
		Nut.....
164039	24791	Knife (stationary) Holder.....
164040	24791	" " " Adjust- ing Stud.....
1454E	24791	Knife (stationary) Holder Adjust- ing Stud Cap Screw.....
39541	24791	Knife (stationary) Holder Adjust- ing Stud Cap Screw Washer.....
164041	24791	Knife (stationary) Holder Cap.....
164042	24791	" " " Sleeve..
140088R	24791	" " " "
		Screw.....
59456	24791	Knife (stationary) Holder Sleeve Screw Washer.....
164043	24791	Knife (stationary) Holder Spring..
164044	24791	" " " "
		Retainer.....
1454J	24791	Knife (stationary) Holder Spring Retainer Screw.....
164462	24791	Lint Stripper with 735AL.....
735AL	24791	" " Set Screw.....
164045	24792	Looper (left hand).....
164046	24792	" " " Carrier with 460AL, 50379F and 164202.....
164047	24792	Looper (left hand) Carrier Holder with two 140393AL.....

No.	Plate	Name
164212	-----	Looper (left hand) Carrier Holder 164047 with 1324C, 59456 and 164046.....
140393AL	24792	Looper (left hand) Carrier Holder Set Screw (2).....
1324C	24792	Looper (left hand) Carrier Screw..
460AL	24792	" " " " "
		Set Screw.....
59456	24792	Looper (left hand) Carrier Screw Washer.....
164048	24792	Looper (left hand) Driving Shaft..
164049	24792	" " " " "
		Bushing (back).....
140394E	24792	Looper (left hand) Driving Shaft Bushing (back) Cap Screw.....
164293	24792	Looper (left hand) Driving Shaft Bushing (back) Cap Screw Wash- er.....
164050	24792	Looper (left hand) Driving Shaft Bushing (front).....
164051	24792	Looper (left hand) Driving Shaft Crank with 1083C.....
164215	-----	Looper (left hand) Driving Shaft Crank 164051 with 164052.....
1083C	24792	Looper (left hand) Driving Shaft Crank Clamping Screw.....
164052	24790	Looper (left hand) Driving Shaft Crank Connection with two each 171AL and 140159AL.....
171AL	24790	Looper (left hand) Driving Shaft Crank Connection Cap (lower) Screw (2).....
140159AL	24790	Looper (left hand) Driving Shaft Crank Connection Cap (upper) Screw (2).....
164067	24792	Looper (left hand) Driving Shaft Crank Key.....
1324C	24792	Looper (left hand) Driving Shaft Crank Key Screw.....
45057	24792	Looper (left hand) Driving Shaft Crank Key Screw Washer.....
164053	24792	Looper (left hand) Driving Shaft Crank Thrust Bearing.....
50379F	24792	Looper (left hand) Set Screw.....
164202	24792	" " " Stop Pin.....
164054	24794	" " " Thread Tube....
853AL	24794	" " " " " Set Screw.....
164375	24792	Looper (right hand).....
164056	24792	" " " Carrier with 50370E.....
164057	24792	Looper (right hand) Carrier Con- nection.....
164058	24792	Looper (right hand) Carrier Con- nection Guide Bar with 624AL and 168215.....

No.	Plate	Name
168215	-----	Looper (right hand) Carrier Connection Guide Bar Oil Wick....
624AL	24792	Looper (right hand) Carrier Connection Guide Bar Plug Screw..
164463	24792	Looper (right hand) Carrier Connection Guide Bar Bracket with 164060 and two 462AL.....
164060	24792	Looper (right hand) Carrier Connection Guide Bar Bracket Oil Pad.....
914C	24792	Looper (right hand) Carrier Connection Guide Bar Bracket Screw (left).....
1057AL	24792	Looper (right hand) Carrier Connection Guide Bar Bracket Screw (right).....
462AL	24792	Looper (right hand) Carrier Connection Guide Bar Set Screw (2).....
164061	24792	Looper (right hand) Carrier Connection Hinge Stud with 1019AL
1443J	24792	Looper (right hand) Carrier Connection Hinge Stud Cap Screw..
164397	24792	Looper (right hand) Carrier Connection Hinge Stud Adjusting Pin.....
1019AL	24792	Looper (right hand) Carrier Connection Hinge Stud Adjusting Pin Set Screw.....
132565	24792	Looper (right hand) Carrier Hinge Pin.....
50370E	24792	Looper (right hand) Carrier Hinge Pin Set Screw.....
164062	24792	Looper (right hand) Driving Lever with 1083C and two 140393AL...
164464	-----	Looper (right hand) Driving Lever 164062 with 1443J, 1700J, 132565, 164056, 164057, 164058, 164061, 164068, 164397 and 164463.....
1083C	24792	Looper (right hand) Driving Lever Clamping Screw.....
140393AL	24792	Looper (right hand) Driving Lever Set Screw (2).....
164063	24792	Looper (right hand) Driving Shaft.
164049	24792	" " " " "
		Bushing (back).....
140394E	24792	Looper (right hand) Driving Shaft Bushing (back) Cap Screw.....
164293	24792	Looper (right hand) Driving Shaft Bushing (back) Cap Screw Washer (fiber).....
164065	24792	Looper (right hand) Driving Shaft Bushing (front).....
164066	24792	Looper (right hand) Driving Shaft Crank with 1083C.....

No.	Plate	Name
164216	-----	Looper (right hand) Driving Shaft Crank 164066 with 164052.....
1083C	24792	Looper (right hand) Driving Shaft Crank Clamping Screw.....
164052	24790	Looper (right hand) Driving Shaft Crank Connection with two each 171AL and 140159AL.....
171AL	24790	Looper (right hand) Driving Shaft Crank Connection Cap (lower) Screw (2).....
140159AL	24790	Looper (right hand) Driving Shaft Crank Connection Cap (upper) Screw (2).....
164067	24792	Looper (right hand) Driving Shaft Crank Key.....
1324C	24792	Looper (right hand) Driving Shaft Crank Key Screw.....
45057	24792	Looper (right hand) Driving Shaft Crank Key Screw Washer.....
164053	24792	Looper (right hand) Driving Shaft Crank Thrust Bearing.....
164068	24792	Looper (right hand) Locking Screw Stud.....
1700J	24792	Looper (right hand) Locking Screw Stud Nut.....
164219	24792	Looper (right hand) Position Col- lar with 904E.....
904E	24792	Looper (right hand) Position Col- lar Set Screw.....
*164072	-----	Machine Frame.....
*164073	-----	Machine Frame complete, Nos. 45773, 140396E, 164072, 164077, 164218, two 15405 and three 140395C.....
164074	24756	Machine Frame Bottom Cover.....
164075	24756	" " " " Gasket.
914C	24756	" " " " Screw (13).....
*164076	-----	Machine Frame Bracket.....
*164218	-----	" " " " 164076 with 164207 and two 187E.....
164207	24759	Machine Frame Bracket Key.....
187E	24759	" " " " Screw (2).....
140396E	24759	Machine Frame Bracket Screw (large).....
164077	24759	Machine Frame Bracket Screw (large) Washer (fiber).....
164229	24759	Machine Frame Bracket Screw (large) Washer (felt).....
140395C	24759	Machine Frame Bracket Screw (small) (3).....
164078	24756	Machine Frame Cover (back).....
50571J	24756	" " " " Screw (long) (2).....
914J	24756	Machine Frame Cover (back) Screw (short).....

No.	Plate	Name
164079	24756	Machine Frame Cover (back) Slide..
140200J	24756	" " " " "
		Position Screw.....
238J	24756	Machine Frame Cover (back) Slide
		Stop Screw.....
164080	24756	Machine Frame Cover (back) com- plete, Nos. 238J, 1637K, 140200J, 140228C, 164078 and 164079.....
164081	24759	Machine Frame Oil Lead.....
140088R	24759	" " " " Screw.....
1698J	24759	" " " " " Nut..
164082	24759	" " " Plug Bracket....
1036AL	24759	" " " " " Set Screw.....
51285E	24759	Machine Frame Oil Plug Screw.....
164313	24759	" " " " " Wash- er (steel).....
164314	24759	Machine Frame Oil Plug Screw Wash- er (cork).....
164083	24759	Machine Frame Oil Screen.....
206J	24759	" " " " " Screw (3)
164084	24759	" " " Splash Guard (internal).....
164085	24793	Machine Frame Oil Splash Guard (top).....
51023W	24793	Machine Frame Oil Splash Guard (top) Screw (2).....
164086	24759	Machine Frame Oil Tube with 164087
50421AL	24759	" " " " " Set Screw..
164087	24759	" " " " " Wick.....
164461	-----	" " " " " Re- tainer.....
164088	24790	Machine Frame Plug.....
164376	24790	" " Rotary Shaft.....
164377	-----	" " " " " 164376 with 164097, 164215, 164216, 164217 and two each 164093 and 164232.....
139026	24790	Machine Frame Rotary Shaft Ball Bearing.....
164092	24790	Machine Frame Rotary Shaft Ball Bearing Housing.....
51369C	24790	Machine Frame Rotary Shaft Ball Bearing Housing Screw (3).....
164093	24790	Machine Frame Rotary Shaft Ball Sleeve (two pieces) (2).....
164232	24790	Machine Frame Rotary Shaft Ball Sleeve Guide (2).....
164094	24790	Machine Frame Rotary Shaft Bushing (front).....
1036AL	24790	Machine Frame Rotary Shaft Bushing (front) Set Screw.....
164095	24790	Machine Frame Rotary Shaft Bushing (intermediate).....
51332C	24790	Machine Frame Rotary Shaft Bushing (intermediate) Set Screw.....

No.	Plate	Name
164096	24790	Machine Frame Rotary Shaft Counterbalance with 1036AL.....
1036AL	24790	Machine Frame Rotary Shaft Counterbalance Set Screw.....
164097	24790	Machine Frame Rotary Shaft Key....
51649C	24790	" " " " Nut....
131056	24790	" " " " Washer.....
164098	24790	Machine Frame Rotary Shaft Oil and Ball Bearing Grease Retainer..
164099	24790	Machine Frame Rotary Shaft Screw Stud.....
164100	24790	Machine Frame Rotary Shaft Thrust Bearing.....
164101	24772	Machine Frame Top Cover.....
164214	-----	" " " " 164101 with 330J, 164103 and two 164418.....
164102	24772	Machine Frame Top Cover Gasket....
164103	24772	" " " " Oil Lead..
330J	24772	" " " " " "
		Screw.....
51369J	24772	Machine Frame Top Cover Screw (3).
164231	24790	" Pulley (round and "v" belt) with two 448AL.....
164071	24790	Machine Pulley Cap.....
140416X	24790	" " " Screw.....
448AL	24790	" " Set Screw (2).....
164109	24793	Needle Clamp.....
51720C	24793	" Clamping Nut.....
164110	24793	" Driving Shaft with 164118..
164275	-----	" " " 164110 with 51720C, 164109 and 164117.....
164111	24793	Needle Driving Shaft Bushing.....
164112	24793	" " " " Cap..
164113	24793	" " " " Oil Lead.....
452C	24793	Needle Driving Shaft Bushing Oil Lead Hole Plug Screw.....
164114	24793	Needle Driving Shaft Crank with 1083C and two 140393AL.....
164115	24793	Needle Driving Shaft Crank Ball...
1083C	24793	" " " " Clamping Screw.....
164116	24790	Needle Driving Shaft Crank Connection with two each 171AL and 140159AL.....
164217	-----	Needle Driving Shaft Crank Connection 164116 with 164115.....
140159AL	24790	Needle Driving Shaft Crank Connection Cap (lower) Screw (2)....
171AL	24790	Needle Driving Shaft Crank Connection Cap (upper) Screw (2)....
140393AL	24793	Needle Driving Shaft Crank Set Screw (2).....
164117	24793	Needle Holder.....

No.	Plate	Name
164118	24793	Needle Stop Pin.....
164119	24790	Oil Agitator.....
164120	24759	" Cooler with two 164125.....
164121	24759	" " Cover.....
164123	24759	" " " 164121 with 164135.....
164122	24759	Oil Cooler Cover Gasket.....
145J	24759	" " " Screw.....
164124	24759	" " Gasket.....
164125	24759	" " Oil Pipe (outlet) (2)..
164126	24759	" " " Tube with 138269 and 164128.....
164127	24759	Oil Cooler Oil Tube Coupling.....
51630	24759	" " " " Lock Nut.....
138269	24759	" " " " Sleeve.....
164128	24759	" " " " Wick.....
51139J	24759	" " Screw (long) (2).....
1324J	24759	" " " (short).....
164131	24759	" Sight Gauge Background Disc...
164132	24759	" " " " " "
		Gasket.....
164133	24759	Oil Sight Gauge Window.....
164132	24759	" " " " Gasket.....
164134	24759	" " " " Retainer...
164132	24759	" " " " "
		Gasket.....
1485J	24759	Oil Sight Gauge Window Retainer Screw (2).....
164135	24759	Oil Cup for filling machine.....
164136	24791	Presser Bar Bracket.....
164137	24793	" " Lifting Bracket with 462AL, 624AL and 51846.....
51846	24793	Presser Bar Lifting Bracket Roller and Stud.....
624AL	24793	Presser Bar Lifting Bracket Set Screw (long).....
462AL	24793	Presser Bar Lifting Bracket Set Screw (short).....
164138	24793	Presser Bar Lifting Lever.....
164139	24793	" " " " Spring..
140228C	24756	" " " " Stop Screw.....
1637K	24756	Presser Bar Lifting Lever Stop Screw Nut.....
164350	24791	Presser Bar (swing-out).....
164141	24791	" " " Lifting Screw Stud.....
1700J	24791	Presser Bar (swing-out) Lifting Screw Stud Nut.....
164142	24793	Presser Bar (swing-out) Opening Lever.....
50060K	24793	Presser Bar (swing-out) Opening Lever Hinge Screw.....
140510C	24791	Presser Bar (swing-out) Pivot Screw.....
164351	24791	Presser Bar (swing-out) Pivot Screw Lock Washer.....

No.	Plate	Name
51362AL	24791	Presser Bar (swing-out) Pivot Screw Lock Washer Screw.....
164143	24793	Presser Bar (upright).....
164144	24793	" " " Spring.....
164378	24794	" Foot Body.....
164379	24794	" " Chaining-off Finger..
164147	24794	" " Clamping Plate.....
50225J	24794	" " " " Screw.
164360	24794	" " Guide.....
50169J	24794	" " " " Screw.....
164380	24794	Presser Foot complete, Nos. 50169J, 50225J, 164147, 164360, 164378 and 164379.....
164194	24793	Pressure Regulating Thumb Screw...
2102	24772	Tension (heavy) Disc (4).....
164155	24772	" " Regulating Thumb Nut (2).....
50133C	24772	Tension (heavy) Screw Stud (2)....
164156	-----	" " " " 50133C with 164155 (2).....
164161	24772	Tension (heavy) Spring (2).....
59537	24772	" " " Bushing (2)
164158	24772	" " " Cover (2).. Tension (heavy) complete, Nos. 59537, 164156, 164158, 164161 and two 2102 (2).....
2102	24772	Tension (light) Disc (2).....
164155	24772	" " Regulating Thumb Nut.....
50133C	24772	Tension (light) Screw Stud.....
164156	-----	" " " " 50133C with 164155.....
164157	24772	Tension (light) Spring.....
59537	24772	" " " Bushing....
164158	24772	" " " Cover.....
164160	24772	Tension (light) complete, Nos. 59537, 164156, 164157, 164158 and two 2102.....
164285	24772	Tension (looper thread) Thread Guide (left).....
164286	24772	Tension (looper thread) Thread Guide (right).....
164159	24772	Tension (needle thread) Thread Guide.....
164418	24772	Tension Thread Eyelet (2).....
164091	24792	Thread (looper, right hand) Strip- per and Take-up.....
164163	24761	Thread (looper, right hand) Strip- per and Take-up Eyelet (adjustable).....
1443J	24761	Thread (looper, right hand) Strip- per and Take-up Eyelet (adjustable) Screw.....
187E	24792	Thread (looper, right hand) Strip- per and Take-up Screw.....
17022	24792	Thread (looper, right hand) Strip- per and Take-up Screw Washer..

No.	Plate	Name
164164	24761	Thread (looper, right hand) Thread Eyelet (movable).....
1423J	24761	Thread (looper, right hand) Thread Eyelet Screw.....
164165	24761	Thread (looper, right hand) Thread Eyelet (stationary).....
1607J	24761	Thread (looper, right hand) Thread Eyelet (stationary) Nut.....
164166	24761	Thread (looper, right hand) Tube..
624AL	24761	" " " " "
		Set Screw.....
164167	24761	Thread (looper) Plate with 624AL..
164168	24761	" " " Cover.....
164206	-----	" " " " 164168
		with 164169 and 164170.....
164169	24761	Thread (looper) Plate Cover Hinge.
164170	24761	" " " " "
		Pin.....
164171	24761	Thread (looper) Plate Cover Spring (2).....
332J	24761	Thread (looper) Plate Cover Spring Screw (2).....
896AL	24761	Thread (looper) Plate Cover Spring Thread Bushing Screw (2).....
164173	24761	Thread (looper) Plate Thread Bush- ing.....
50318W	24761	Thread (looper) Plate Thread Bush- ing Screw.....
164174	-----	Thread (looper) Plate complete, Nos. 1423J, 1443J, 1607J, 50318W, 164163, 164164, 164165, 164166, 164167, 164173, 164206 and two each 332J and 164171.....
164175	24792	Thread (looper) Take-up.....
164176	24792	" " " Plate.....
176E	24792	" " " Screw
		(lower).....
1443W	24792	Thread (looper) Take-up Screw (upper).....
164151	24791	Thread (needle) Controller.....
164153	24791	" " " Lever..
1443B	24791	" " " Screw
		(2).....
164177	24791	Thread Eyelet (needle thread)....
140239AL	24791	" " " " Set
		Screw.....
164227	24794	Throat Plate.....
164179	24794	" " Guide with 853AL.....
1454E	24794	" " Screw.....
1094F	24794	" " Screw (2).....
*45773	-----	Trade Mark.....
15405	-----	" " Rivet (2).....

SET OF FITTINGS COMPLETE

No. 164391 FOR SWEATER MATERIAL

FOR THREE-THREAD STITCH

NOTE: SET OF FITTINGS No. 164391 IS REGULAR TO
MACHINE, UNLESS OTHERWISE STATED
ON MACHINE ORDER.

No.	Plate	Name
164367	24795	Feed (back) Dog Section (left)....
164223	24795	" " " " (right)...
1100AL	24795	" " " " " "
		Screw.....
164369	24795	Feed (back) Dog complete, Nos. 1100AL, 164223 and 164367.....
164371	24795	Feed (front) Dog.....
164308	24795	Knife (movable).....
164375	24795	Looper (right hand).....
164350	24795	Presser Bar (swing-out).....
164378	24795	" Foot Body.....
164379	24795	" " Chaining-off Finger..
164147	24795	" " Clamping Plate.....
50225J	24795	" " " " Screw.
164360	24795	" " Guide.....
50169J	24795	" " " Screw.....
164380	24795	Presser Foot complete, Nos. 50169J, 50225J, 164147, 164360, 164378 and 164379.....
164175	24795	Thread (looper) Take-up (left)....
164091	24795	" " " (right)...
164151	24795	" (needle) Controller.....
164227	24795	Throat Plate.....
164179	24795	" " Guide with 853AL.....
164391	24795	Set of Fittings complete, Nos. 164091, 164151, 164175, 164179, 164227, 164308, 164350, 164369, 164371, 164375 and 164380.....

ACCESSORIES

No.	Plate	Name
160577	24796	Container of Oil (15 ozs.).....
164203	24796	Feed Eccentric Extractor (not regularly furnished).....
164460	24796	Gauge.....
120344	24796	Oiler (copper plated) with 120345.
120345	24796	" Spout, 4 1/2 in. long.....
164198	24796	Presser Bar Lifting Chain Spring (under table).....
26026	24796	Screw Driver.....
164196	24796	Threader (6).....
164204	24796	Tweezers.....
164197	24796	Wrench (socket).....
8908	24796	" (flat).....

BELT GUARD (Adjustable)

No.	Plate	Name
164183	24763	Belt Guard.....
164199	24763	" " Bracket (back).....
164200	24763	" " " (front).....
51326J	24763	" " Screw (2).....
164201	24763	Belt Guard (adjustable) complete, Nos. 164183, 164199, 164200 and two each 51326J and wood screws 3/4 in. No. 7 F.H.....

CHIP CHUTE

No.	Plate	Name
168198	24763	Chip Chute with four wood screws 3/8 in. No. 6 R.H. blacked....

FOOT LIFTER PARTS

No.	Plate	Name
6439	24763	Chain, 36 in. to 45 in. with 56864 and 56865.....
	Note:	When ordering No. 6439, give length required.
4879	24763	Chain Connecting Link.....
56864	24763	" Hook (large).....
56865	24763	" " (small).....
4881	24763	Treadle.....
4882	24763	" Shaft.....
4883	-----	" Spring.....
4884	24763	" Stand.....
4885	24763	Treadle complete, Nos. 4879, 4881, 4882, 4883, 4884 and two wood screws 1 in. No. 16 F.H.....

MACHINE BASE

No.	Plate	Name
164184	24763	Machine Base with 50608R, 139017 and two each wood screws 3/4 in. No. 8 R.H. and 1 1/4 in. No. 6 F.H.....
50608R	24763	Machine Base Plug Screw.....
139017	24763	" " " Washer....
164188	24763	" Cushion (large) (2).....
164189	24763	" " (small) (2).....
164190	24763	" Pad (felt).....
140418E	24790	" Screw Stud (back).....
657E	24790	" " " (front).....

THREAD UNWINDER No. 151031

FOR

THREE SPOOLS

No.	Plate	Name
151023	24764	Spool Rest with 858AL.....
150203	24764	" " Cushion (felt) (3).....
858AL	24764	" " Hub Set Screw.....
151024	24764	" " Rod.....
1122C	24764	" " " Set Screw (2).....

THREAD UNWINDER

No.	Plate	Name
151025	24764	Spool Rest Stand with two 1122C and three wood screws 1 in. No. 12 F.H.....
151026	24764	Thread Guide (lower).....
50311C	24764	" " " Holder Set Screw.....
151027	24764	Thread Guide (lower) Support with 50311C.....
151028	24764	Thread Guide (upper) (2).....
151029	24764	" " " Holder with four 453AL.....
453AL	24764	Thread Guide Set Screw (3).....
151030	24764	" " Rod.....
453AL	24764	" " " Set Screw.....
151031	24764	Thread Unwinder complete, Nos. 151023, 151024, 151025, 151026, 151027, 151029, 151030, two 151028 and three 150203.....

SINGER Needles should be used
in **SINGER** Machines.
These Needles and their Containers
are marked with the
Company's Trade Mark "SIMANCO.**" 1

Needles in Containers marked
"FOR SINGER MACHINES"
are NOT **SINGER** made needles. 2

**NUMERICAL
LIST
OF PARTS**

NUMERICAL LIST OF PARTS

No.	Plate	Name
145J	24759	Oil Cooler Cover Screw.....
157C	24789	Feed Eccentric Cover Bracket Screw
171AL	24790	Looper (left hand) Driving Shaft Crank Connection Cap (lower) Screw for 164052 (2).....
171AL	24790	Looper (right hand) Driving Shaft Crank Connection Cap (lower) Screw for 164052 (2).....
171AL	24790	Needle Driving Shaft Crank Connection Cap (upper) Screw for 164116 (2).....
176E	24792	Thread (looper) Take-up Screw (lower).....
187E	24759	Machine Frame Bracket Key Screw for 164218 (2).....
187E	24792	Thread (looper, right hand) Strip- per and Take-up Screw.....
197J	24791	Knife (movable) Lever Guide Screw for 164210.....
198J	24791	Knife (movable) Holder Screw.....
206J	24759	Machine Frame Oil Screen Screw (3)
227J	24789	Feed Eccentric Cover Latch Spring Screw for 164402 (2).....
238J	24756	Machine Frame Cover (back) Slide Stop Screw for 164080.....
330J	24772	Machine Frame Top Cover Oil Lead Screw for 164214.....
332J	24761	Thread (looper) Plate Cover Spring Screw for 164174 (2).....
448AL	24790	Machine Pulley Set Screw for 164231 (2).....
452C	24793	Needle Driving Shaft Bushing Oil Lead Hole Plug Screw.....
453AL	24764	Thread Unwinder Thread Guide Set Screw for 151029 (3).....
453AL	24764	Thread Unwinder Thread Guide Rod Set Screw for 151029.....
460AL	24792	Looper (left hand) Carrier Screw Set Screw for 164046.....
462AL	24792	Looper (right hand) Carrier Con- nection Guide Bar Set Screw for 164463 (2).....
462AL	24793	Presser Bar Lifting Bracket Set Screw (short) for 164137.....
620AL	24791	Knife (movable) Lever Hinge Pin Set Screw for 164031.....
624AL	24767	Cloth Plate Plunger Set Screw.....
624AL	24767	" " Position Collar Set Screw for 164106 (2).....
624AL	24791	Knife (movable) Lever Bearing Set Screw (short).....

NUMERICAL LIST OF PARTS

No.	Plate	Name
624AL	24792	Looper (right hand) Carrier Connection Guide Bar Plug Screw for 164058.....
624AL	24793	Presser Bar Lifting Bracket Set Screw (long) for 164137.....
624AL	24761	Thread (looper, right hand) Tube Set Screw for 164167.....
629K	24789	Feed Eccentric Cover Hinge Screw for 164402.....
657E	24790	Machine Screw Stud (front).....
735AL	24791	Lint Stripper Set Screw for 164462
853AL	24794	Looper (left hand) Thread Tube Set Screw for 164179.....
859AL	24764	Thread Unwinder Spool Rest Hub Set Screw for 151023.....
896AL	24761	Thread (looper) Plate Cover Spring Thread Bushing Screw (2).....
904E	24792	Looper (right hand) Position Collar Set Screw for 164219.....
914J	24767	Cloth Plate Extension Screw for 164108 (2).....
914C	24792	Looper (right hand) Carrier Connection Guide Bar Bracket Screw (left).....
914C	24756	Machine Frame Bottom Cover Screw (13).....
914J	24756	Machine Frame Cover (back) Screw (short).....
1019AL	24792	Looper (right hand) Carrier Connection Hinge Stud Adjusting Pin Set Screw for 164061.....
1036AL	24759	Machine Frame Oil Plug Bracket Set Screw.....
1036AL	24790	Machine Frame Rotary Shaft Bushing (front) Set Screw.....
1036AL	24790	Machine Frame Rotary Shaft Counterbalance Set Screw for 164096.....
1057AL	24792	Looper (right hand) Carrier Connection Guide Bar Bracket Screw (right).....
1083C	24792	Looper (left hand) Driving Shaft Clamping Screw for 164051.....
1083C	24792	Looper (right hand) Driving Lever Clamping Screw for 164062.....
1083C	24792	Looper (right hand) Driving Shaft Crank Clamping Screw for 164066.....
1083C	24793	Needle Driving Shaft Crank Clamping Screw for 164114.....
1094F	24794	Throat Plate Screw (2).....
1100AL	24794	Feed (back) Dog Section (right) Screw for 164369.....
1122C	24764	Thread Unwinder Spool Rest Rod Set Screw for 151025 (2).....
1143AL	24791	Knife (movable) Lever Hinge Stud Set Screw (top).....

No.	Plate	Name
1209J	24767	Chip Guard Screw (lower).....
1250AL	24767	Cloth Plate Lock Spring Screw Stud
1259AL	24793	Finger Guard Adaptor Screw for 164373.....
1324C	24792	Looper (left hand) Carrier Screw for 164212.....
1324C	24792	Looper (left hand) Driving Shaft Crank Key Screw.....
1324C	24792	Looper (right hand) Driving Shaft Crank Key Screw.....
1324J	24759	Oil Cooler Screw (short).....
1389C	24789	Feed Bar Hinge Pin Set Screw.....
1423J	24793	Finger Guard Screw.....
1423J	24761	Thread (looper, right hand) Thread Eyelet Screw for 164174.....
1443J	24792	Looper (right hand) Carrier Con- nection Hinge Stud Cap Screw for 164464.....
1443J	24761	Thread (looper, right hand) Strip- per and Take-up Eyelet Adjust- able Screw for 164174.....
1443W	24792	Thread (looper) Take-up Screw (upper).....
1443B	24791	Thread (needle) Controller Screw (2).....
1454F	24794	Feed (back) Dog Screw.....
1454F	24794	" (front) Dog Screw.....
1454E	24791	Knife (stationary) Holder Adjust- ing Stud Cap Screw.....
1454J	24791	Knife (stationary) Holder Spring Retainer Screw.....
1454E	24794	Throat Plate Guide Screw.....
1485J	24759	Oil Sight Gauge Window Retainer Screw (2).....
1607J	24761	Thread (looper, right hand) Thread Eyelet (stationary) Nut for 164174.....
1628C	24789	Feed Bar Slide Block (back) Nut...
1637K	24756	Presser Bar Lifting Lever Stop Screw Nut for 164080.....
1671C	24789	Feed (back) Bar Connection Hinge Screw Stud Nut for 164370.....
1671C	24789	Feed (front) Bar Connection Hinge Screw Stud Nut for 164370.....
1698J	24759	Machine Frame Oil Lead Screw Nut..
1700J	24767	Cloth Plate Extension Screw Nut for 164108.....
1700J	24767	Cloth Plate Lock Spring Nut for 164108.....
1700J	24792	Looper (right hand) Locking Screw Stud Nut for 164464.....
1700J	24791	Presser Bar (swing-out) Lifting Screw Stud Nut.....
2102	24772	Tension (heavy) Disc for 164162 (4).....
2102	24772	Tension (light) Disc for 164160 (2).....

NUMERICAL LIST OF PARTS

No.	Plate	Name
4879	24763	Foot Lifter Chain Connecting Link for 4885.....
4881	24763	Foot Lifter Treadle for 4885.....
4882	24763	" " " Shaft for 4885
4883	-----	" " " Spring for 4885.....
4884	24763	Foot Lifter Treadle Stand for 4885
4885	24763	Foot Lifter Treadle complete, Nos. 4879, 4881, 4882, 4883, 4884 and two wood screws 1 in. No. 16 F.H.....
6439	24763	Foot Lifter Chain, 36 in. to 45 in. with 56864 and 56865.....
	Note:	When ordering No. 6439 give length required.
8908	24796	Wrench (flat) Accessories.....
15405	-----	Trade Mark Rivet for 164073 (2)...
17022	24789	Feed Bar Slide Block (back) Nut Washer.....
17022	24792	Thread (looper, right hand) Strip- per and Take-up Screw Washer..
26026	24796	Screw Driver (Accessories).....
39541	24791	Knife (stationary) Holder Adjust- ing Stud Cap Screw Washer.....
45057	24792	Looper (left hand) Driving Shaft Crank Key Screw Washer.....
45057	24792	Looper (right hand) Driving Shaft Crank Key Screw Washer.....
*45773	-----	Trade Mark for 164073.....
50060K	24793	Presser Bar (swing-out) Opening Lever Hinge Screw for 164374..
50073J	24793	Knife (movable) Lever Cover and Presser Bar (upright) Housing Screw (2).....
50133C	24772	Tension (heavy) Screw Stud for 164156 (2).....
50133C	24772	Tension (light) Screw Stud for 164156.....
50169J	24794	Presser Foot Guide Screw for 164380.....
50225J	24794	Presser Foot Clamping Plate Screw for 164380.....
50311C	24764	Thread Unwinder Thread Guide (lower) Holder Set Screw for 151027.....
50318W	24761	Thread (looper) Plate Thread Bush- ing Screw for 164174.....
50370E	24792	Looper (right hand) Carrier Hinge Pin Set Screw for 164056.....
50379F	24792	Looper (left hand) Set Screw for 164046.....
50421AL	24791	Knife (movable) Lever Bearing Set Screw (long).....
50421AL	24791	Knife (movable) Lever Guide Holder Thread Tube Set Screw.....
50421AL	24791	Knife (movable) Lever Hinge Stud Set Screw (back).....

NUMERICAL LIST OF PARTS

27

No.	Plate	Name
50421AL	24759	Machine Frame Oil Tube Set Screw..
50571J	24756	" " Cover (back) Screw (long) (2).....
50608R	24763	Machine Base Plug Screw for 164184
51023W	24793	" Frame Oil Splash Guard Top Screw (2).....
51139J	24759	Oil Cooler Screw (long) (2).....
51285E	24759	Machine Frame Oil Plug Screw.....
51326J	24763	Belt Guard Screw for 164201 (2)...
51332C	24790	Machine Frame Rotary Shaft Bushing (intermediate) Set Screw.....
51362AL	24791	Presser Bar (swing-out) Pivot Screw Lock Washer Screw.....
51369C	24790	Machine Frame Rotary Shaft Ball Bearing Housing Screw (3).....
51369J	24772	Machine Frame Top Cover Screw (3).
51630	24759	Oil Cooler Oil Tube Lock Nut.....
51649C	24790	Machine Frame Rotary Shaft Nut....
51715AL	24791	Knife (stationary) Clamping Stud Nut.....
51720C	24793	Needle Clamping Nut for 164275....
51846	24793	Presser Bar Lifting Bracket Roller and Stud for 164137.....
56864	24763	Foot Lifter Chain Hook (large) for 6439.....
56865	24763	Foot Lifter Chain Hook (small) for 6439.....
59456	24791	Knife (stationary) Holder Sleeve Screw Washer.....
59456	24792	Looper (left hand) Carrier Screw Washer for 164212.....
59537	24772	Tension (heavy) Spring Bushing for 164162 (2).....
59537	24772	Tension (light) Spring Bushing for 164160.....
120344	24796	Oiler (copper plated) with 120345 (Accessories).....
120345	24796	Oiler Spout, 4 1/2 in. long for 120344.....
131056	24790	Machine Frame Rotary Shaft Nut Washer.....
132565	24792	Looper (right hand) Carrier Hinge Pin for 164464.....
132583	24791	Knife (movable) Lever Hinge Pin with 132584, for 164211.....
132584	24791	Knife (movable) Lever Hinge Pin Oil Wick for 132583.....
138269	24759	Oil Cooler Oil Tube Sleeve for 164126.....
139017	24763	Machine Base Plug Screw Washer for 164184.....
139026	24790	Machine Frame Rotary Shaft Ball Bearing.....
140050C	24791	Knife (movable) Clamp Screw.....
140088R	24791	" (stationary) Holder Sleeve Screw.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
140088R	24759	Machine Frame Oil Lead Screw.....
140159AL	24790	Looper (left hand) Driving Shaft Crank Connection Cap (upper) Screw for 164052 (2).....
140159AL	24790	Looper (right hand) Driving Shaft Crank Connection Cap (upper) Screw for 164052 (2).....
140159AL	24790	Needle Driving Shaft Crank Connection Cap (lower) Screw for 164116 (2).....
140200J	24756	Machine Frame Cover (back) Slide Position Screw for 164080.....
140228C	24756	Presser Bar Lifting Lever Stop Screw for 164080.....
140239AL	24791	Knife (movable) Lever Guide Holder Set Screw for 164181 (2).....
140239AL	24791	Thread Eyelet (needle thread) Set Screw.....
140393AL	24792	Looper (left hand) Carrier Holder Set Screw for 164047 (2).....
140393AL	24792	Looper (right hand) Driving Lever Set Screw for 164062 (2).....
140393AL	24793	Needle Driving Shaft Crank Set Screw for 164114 (2).....
140394E	24792	Looper (left hand) Driving Shaft Bushing (back) Cap Screw.....
140394E	24792	Looper (right hand) Driving Shaft Bushing (back) Cap Screw.....
140395C	24759	Machine Frame Bracket Screw (small) for 164073 (3).....
140396E	24759	Machine Frame Bracket Screw (large) for 164073.....
140416X	24790	Machine Pulley Cap Screw.....
140418E	24790	" Screw Stud (back).....
140509J	24767	Chip Guard Screw (upper).....
140510C	24791	Presser Bar (swing-out) Pivot Screw.....
150203	24764	Thread Unwinder Spool Rest Cushion (felt) for 151031 (3).....
151023	24764	Thread Unwinder Spool Rest with 858AL, for 151031.....
151024	24764	Thread Unwinder Spool Rest Rod for 151031.....
151025	24764	Thread Unwinder Spool Rest Stand with two 1122C and three wood screws 1 in. No. 12 F.H. for 151031.....
151026	24764	Thread Unwinder Thread Guide (lower) for 151031.....
151027	24764	Thread Unwinder Thread Guide (lower) Support with 50311C, for 151031.....
151028	24764	Thread Unwinder Thread Guide (upper) for 151031 (2).....
151029	24764	Thread Unwinder Thread Guide (upper) Holder with four 453AL, for 151031.....

No.	Plate	Name
151030	24764	Thread Unwinder Thread Guide Rod for 151031.....
151031	24764	Thread Unwinder complete for three Spools, Nos. 151023, 151024, 151025, 151026, 151027, 151029, 151030, two 151028 and three 150203.....
160577	24796	Container of Oil (15 ozs.) Acces- sories.....
164001	24767	Chip Guard.....
164002	24767	Cloth Plate Extension for 164108..
164003	24789	Feed Bar Hinge Pin (eccentric)....
164004	24789	" " Slide Block (back) for 164370 (2).....
164006	24789	Feed (front) Bar with 164010, for 164370.....
164007	24789	Feed (front) Bar Connection for 164370.....
164008	24789	Feed (back) Bar Connection Bearing for 164370.....
164009	24789	Feed (back) Bar Connection Hinge Screw Stud for 164370.....
164009	24789	Feed (front) Bar Connection Hinge Screw Stud for 164370.....
164010	24789	Feed (back) Bar Connection Hinge Screw Stud Nut Position Pin for 164016.....
164010	24789	Feed (front) Bar Connection Hinge Screw Stud Nut Position Pin for 164006.....
164016	24789	Feed (back) Bar with 164010, for 164370.....
164017	24789	Feed (back) Bar Connection for 164370.....
164018	24789	Feed (front) Bar Connection Bear- ing for 164370.....
164020	24789	Feed (back) Eccentric.....
	Note:	Feed (back) Eccentric No. 164020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 164020 (14 stitches to the inch) is supplied regularly.
164020	24789	Feed (front) Eccentric.....
	Note:	Feed (front) Eccentric No. 164020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 164020 (14 stitches to the inch) is supplied regularly.
164023	24789	Feed Eccentric Oil Wick for 164402
164027	24791	Knife (movable) Clamp.....
164028	24791	" " Guard (lower)....
164029	24791	" " Holder.....
164030	24791	" " " Screw Bear- ing.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
164031	24791	Knife (movable) Lever with 620AL, for 164211.....
164032	24791	Knife (movable) Lever Bearing....
164034	24791	" " " Hinge Stud for 164035.....
164035	-----	Knife (movable) Lever Hinge Stud 164034 with 164036 and 164269, for 164211.....
164036	24791	Knife (movable) Lever Hinge Stud Oil Wick (long) for 164035....
164038	24791	Knife (stationary) Clamping Stud..
164039	24791	" " " Holder.....
164040	24791	" " " Adjust- ing Stud.....
164041	24791	Knife (stationary) Holder Cap....
164042	24791	" " " Sleeve..
164043	24791	" " " Spring..
164044	24791	" " " " Retainer.....
164045	24792	Looper (left hand).....
164046	24792	" " " Carrier with 460AL, 50379F and 164202, for 164212.....
164047	24792	Looper (left hand) Carrier Holder with two 140393AL, for 164212.
164048	24792	Looper (left hand) Driving Shaft..
164049	24792	" " " " " " Bushing (back).....
164049	24792	Looper (right hand) Driving Shaft Bushing (back).....
164050	24792	Looper (left hand) Driving Shaft Bushing (front).....
164051	24792	Looper (left hand) Driving Shaft Crank with 1083C, for 164215..
164052	24790	Looper (left hand) Driving Shaft Crank Connection with two each 171AL and 140159AL, for 164215
164052	24790	Looper (right hand) Driving Shaft Crank Connection with two each 171AL and 140159AL, for 164216
164053	24792	Looper (left hand) Driving Shaft Crank Thrust Bearing.....
164053	24792	Looper (right hand) Driving Shaft Crank Thrust Bearing.....
164054	24794	Looper (left hand) Thread Tube....
164056	24792	" (right hand) Carrier with 50370E, for 164464.....
164057	24792	Looper (right hand) Carrier Con- nection for 164464.....
164058	24792	Looper (right hand) Carrier Con- nection Guide Bar with 624AL and 168215, for 164464.....
164060	24792	Looper (right hand) Carrier Con- nection Guide Bar Bracket Oil Pad for 164463.....

No.	Plate	Name
164061	24792	Looper (right hand) Carrier Connection Hinge Stud with 1019AL, for 164464.....
164062	24792	Looper (right hand) Driving Lever with 1083C and two 140393AL, for 164464.....
164063	24792	Looper (right hand) Driving Shaft.
164065	24792	" " " " "
		Bushing (front).....
164066	24792	Looper (right hand) Driving Shaft Crank with 1083C, for 164216..
164067	24792	Looper (left hand) Driving Shaft Crank Key.....
164067	24792	Looper (right hand) Driving Shaft Crank Key.....
164068	24792	Looper (right hand) Locking Screw Stud for 164464.....
164071	24790	Machine Pulley Cap.....
*164072	-----	" Frame for 164073.....
*164073	-----	Machine Frame complete, Nos. 45773, 140396E, 164072, 164077, 164218, two 15405 and three 140395C.....
164074	24756	Machine Frame Bottom Cover.....
164075	24756	" " " " Gasket.
*164076	-----	" " Bracket for 164218..
164077	24759	" " " Screw (large) Washer (fiber) for 164073.....
164078	24756	Machine Frame Cover (back) for 164080.....
164079	24756	Machine Frame Cover (back) Slide for 164080.....
164080	24756	Machine Frame Cover (back) complete, Nos. 238J, 1637K, 140200J, 140228C, 164078 and 164079.....
164081	24759	Machine Frame Oil Lead.....
164082	24759	" " " Plug Bracket....
164083	24759	" " " Screen.....
164084	24759	" " " Splash Guard (internal).....
164085	24793	Machine Frame Oil Splash Guard (top).....
164086	24759	Machine Frame Oil Tube with 164087
164087	24759	" " " " Wick for 164086.....
164088	24790	Machine Frame Plug.....
164091	24792	Thread (looper, right hand) Stripper and Take-up for 164391....
164092	24790	Machine Frame Rotary Shaft Ball Bearing Housing.....
164093	24790	Machine Frame Rotary Shaft Ball Sleeve (two pieces) for 164377 (2).....
164094	24790	Machine Frame Rotary Shaft Bushing (front).....

NUMERICAL LIST OF PARTS

No.	Plate	Name
164095	24790	Machine Frame Rotary Shaft Bushing (intermediate).....
164096	24790	Machine Frame Rotary Shaft Counterbalance with 1036AL.....
164097	24790	Machine Frame Rotary Shaft Key for 164377.....
164098	24790	Machine Frame Rotary Shaft Oil and Ball Bearing Grease Retainer..
164099	24790	Machine Frame Rotary Shaft Screw Stud.....
164100	24790	Machine Frame Rotary Shaft Thrust Bearing.....
164101	24772	Machine Frame Top Cover for 164214
164102	24772	" " " " Gasket....
164103	24772	" " " " Oil Lead for 164214.....
164104	24767	Cloth Plate Plunger.....
164105	24767	" " " Spring.....
164106	24767	" " Position Collar with two 624AL.....
164107	24767	Cloth Plate for 164108.....
164108	24767	Cloth Plate with Extension complete, Nos. 164002, 164107, 164205 and two each 914J and 1700J.....
164109	24793	Needle Clamp for 164275.....
164110	24793	" Driving Shaft with 164118, for 164275.....
164111	24793	Needle Driving Shaft Bushing.....
164112	24793	" " " " Cap..
164113	24793	" " " " Oil Lead.....
164114	24793	Needle Driving Shaft Crank with 1083C and two 140393AL.....
164115	24793	Needle Driving Shaft Crank Ball for 164217.....
164116	24790	Needle Driving Shaft Crank Connection with two each 171AL and 140159AL, for 164217.....
164117	24793	Needle Holder for 164275.....
164118	24793	" Stop Pin for 164110.....
164119	24790	Oil Agitator.....
164120	24759	" Cooler with two 164125.....
164121	24759	" " Cover for 164123.....
164122	24759	" " " Gasket.....
164123	24759	" " " 164121 with 164135.....
164124	24759	Oil Cooler Gasket.....
164125	24759	" " Oil Pipe (outlet) for 164120 (2).....
164126	24759	Oil Cooler Oil Tube with 138269 and 164128.....
164127	24759	Oil Cooler Oil Tube Coupling.....
164128	24759	" " " " Wick for 164126.....
164131	24759	Oil Sight Gauge Background Disc...

No.	Plate	Name
164132	24759	011 Sight Gauge Background Disc Gasket.....
164132	24759	011 Sight Gauge Window Gasket.....
164132	24759	" " " " Retainer Gasket.....
164133	24759	011 Sight Gauge Window.....
164134	24759	" " " " Retainer...
164135	24759	" Cup for filling machine, for 164123.....
164136	24791	Presser Bar Bracket for 164211....
164137	24793	" " Lifting Bracket with 462AL, 624AL and 51846, for 164374.....
164138	24793	Presser Bar Lifting Lever for 164374.....
164139	24793	Presser Bar Lifting Lever Spring for 164374.....
164141	24791	Presser Bar (swing-out) Lifting Screw Stud.....
164142	24793	Presser Bar (swing-out) Opening Lever for 164374.....
164143	24793	Presser Bar (upright) for 164374..
164144	24793	" " " Spring for 164374.....
164147	24794	Presser Foot Clamping Plate for 164380.....
164151	24791	Thread (needle) Controller for 164391.....
164153	24791	Thread (needle) Controller Lever for 164211.....
164155	24772	Tension (heavy) Regulating Thumb Nut for 164156 (2).....
164155	24772	Tension (light) Regulating Thumb Nut for 164156.....
164156	-----	Tension (heavy) Screw Stud 50133C with 164155, for 164162 (2)...
164156	-----	Tension (light) Screw Stud 50133C with 164155, for 164160.....
164157	24772	Tension (light) Spring for 164160.
164158	24772	" (heavy) Spring Cover for 164162 (2).....
164158	24772	Tension (light) Spring Cover for 164160.....
164159	24772	Tension (needle thread) Thread Guide.....
164160	24772	Tension (light) complete, Nos. 59537, 164156, 164157, 164158 and two 2102.....
164161	24772	Tension (heavy) Spring for 164162 (2).....
164162	24772	Tension (heavy) complete, Nos. 59537, 164156, 164158, 164161 and two 2102 (2).....
164163	24761	Thread (looper, right hand) Strip- per and Take-up Eyelet (adjustable) for 164174.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
164164	24761	Thread (looper, right hand) Thread Eyelet (movable) for 164174...
164165	24761	Thread (looper, right hand) Thread Eyelet (stationary) for 164174
164166	24761	Thread (looper, right hand) Tube for 164174.....
164167	24761	Thread (looper) Plate with 624AL, for 164174.....
164168	24761	Thread (looper) Plate Cover for 164206.....
164169	24761	Thread (looper) Plate Cover Hinge for 164206.....
164170	24761	Thread (looper) Plate Cover Hinge Pin for 164206.....
164171	24761	Thread (looper) Plate Cover Spring for 164174 (2).....
164173	24761	Thread (looper) Plate Thread Bushing for 164174.....
164174	-----	Thread (looper) Plate complete, Nos. 1423J, 1443J, 1607J, 50318W, 164163, 164164, 164165, 164166, 164167, 164173, 164206 and two each 332J and 164171.....
164175	24792	Thread (looper) Take-up for 164391
164176	24792	" " " Plate.....
164177	24791	" Eyelet (needle thread) for 164210.....
164179	24794	Throat Plate Guide with 853AL, for 164391.....
164180	24791	Knife (movable) Lever Guide for 164210.....
164181	24791	Knife (movable) Lever Guide Holder with two 140239AL, for 164210.
164182	24791	Knife (movable) Lever Guide Holder Thread Tube for 164210.....
164183	24763	Belt Guard for 164201.....
164184	24763	Machine Base with 50608R, 139017 and two each wood screws 3/4 in. No. 8 R.H. and 1 1/4 in. No. 6 F.H.....
164188	24763	Machine Cushion (large) (2).....
164189	24763	" " (small) (2).....
164190	24763	" Pad (felt).....
164194	24793	Pressure Regulating Thumb Screw...
164196	24796	Threader (Accessories) (6).....
164197	24796	Wrench (socket) Accessories.....
164198	24796	Presser Bar Lifting Chain Spring (under table) Accessories.....
164199	24763	Belt Guard Bracket (back) for 164201.....
164200	24763	Belt Guard Bracket (front) for 164201.....
164201	24763	Belt Guard (adjustable) complete, Nos. 164183, 164199, 164200 and two each 51326J and wood screws 3/4 in. No. 7 F.H.....

No.	Plate	Name
164202	24792	Looper (left hand) Stop Pin for 164046.....
164203	24796	Feed Eccentric Extractor (not reg- ularly furnished).....
164204	24796	Tweezers (Accessories).....
164205	24767	Cloth Plate Lock Spring for 164108
164206	-----	Thread (looper) Plate Cover 164168 with 164169 and 164170, for 164174.....
164207	24759	Machine Frame Bracket Key for 164218.....
164210	24791	Knife (movable) Lever Guide Holder 164181 with 197J, 164177, 164180 and 164182.....
164211	-----	Knife (movable) Lever 164031 with 132583, 164035, 164136 and 164153.....
164212	-----	Looper (left hand) Carrier Holder 164047 with 1324C, 59456 and 164046.....
164214	-----	Machine Frame Top Cover 164101 with 330J, 164103 and two 164418.....
164215	-----	Looper (left hand) Driving Shaft Crank 164051 with 164052, for 164377.....
164216	-----	Looper (right hand) Driving Shaft Crank 164066 with 164052, for 164377.....
164217	-----	Needle Driving Shaft Crank Connec- tion 164116 with 164115, for 164377.....
*164218	-----	Machine Frame Bracket 164076 with 164207 and two 187E, for 164073.....
164219	24792	Looper (right hand) Position Col- lar with 904E.....
164223	24794	Feed (back) Dog Section (right) for 164369.....
164227	24794	Throat Plate for 164391.....
164229	24759	Machine Frame Bracket Screw (large) Washer (felt).....
164231	24790	Machine Pulley (round and "v" belt) with two 448AL.....
164232	24790	Machine Frame Rotary Shaft Ball Sleeve Guide for 164377 (2)...
164233	24791	Knife (stationary) (2).....
164269	-----	" (movable) Lever Hinge Stud Oil Wick (short) for 164035...
164275	-----	Needle Driving Shaft 164110 with 51720C, 164109 and 164117.....
164285	24772	Tension (looper thread) Thread Guide (left).....
164286	24772	Tension (looper thread) Thread Guide (right).....
164293	24792	Looper (left hand) Driving Shaft Bushing (back) Cap Screw Wash- er.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
164293	24792	Looper (right hand) Driving Shaft Bushings (back) Cap. Screw Wash- er (fiber).....
164308	24791	Knife (movable) for 164391.....
164313	24759	Machine Frame Oil Plug Screw Wash- er (steel).....
164314	24759	Machine Frame Oil Plug Screw Wash- er (cork).....
164350	24791	Presser Bar (swing-out) for 164391
164351	24791	" " " Pivot Screw Lock Washer.....
164360	24794	Presser Foot Guide for 164380.....
164366	24789	Feed Bar Slide Block (front) for 164370.....
164367	24794	Feed (back) Dog Section (left) for 164369.....
164369	24794	Feed (back) Dog complete for 164391, Nos. 1100AL, 164223 and 164367.....
164370	-----	Feed (back) and (front) Bars com- plete, Nos. 164006, 164007, 164008, 164016, 164017, 164018, 164366 and two each 1671C, 164004 and 164009.....
164371	24794	Feed (front) Dog for 164391.....
164372	24790	" Lifting and Knife (movable) Lever Eccentric.....
164373	24793	Knife (movable) Lever Cover and Presser Bar (upright) Housing with 1259AL, for 164374.....
164374	-----	Knife (movable) Lever Cover and Presser Bar (upright) Housing complete, Nos. 50060K, 164137, 164138, 164139, 164142, 164143, 164144, 164194 and 164373.....
164375	24792	Looper (right hand) for 164391.....
164376	24790	Machine Frame Rotary Shaft for 164377.....
164377	-----	Machine Frame Rotary Shaft 164376 with 164097, 164215, 164216, 164217 and two each 164093 and 164232.....
164378	24794	Presser Foot Body for 164380.....
164379	24794	" " Chaining-off Finger for 164380.....
164380	24794	Presser Foot complete for 164391, Nos. 50169J, 50225J, 164147, 164360, 164378 and 164379.....
164391	24795	Set of Fittings complete for Sweater Material, for Three- Thread Stitch, Nos. 164091, 164151, 164175, 164179, 164227, 164308, 164350, 164369, 164371, 164375 and 164380.....

Note: Set of Fittings No. 164391 is regular
to machine, unless otherwise stated
on machine order.

NUMERICAL LIST OF PARTS

37

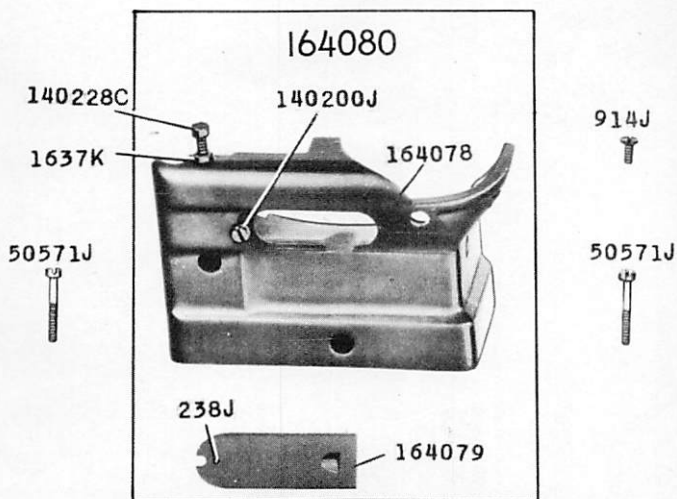
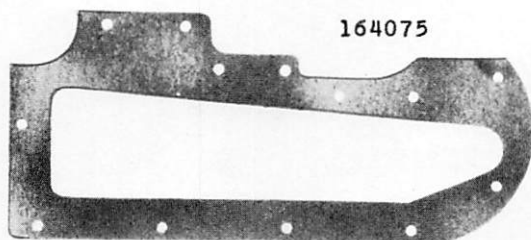
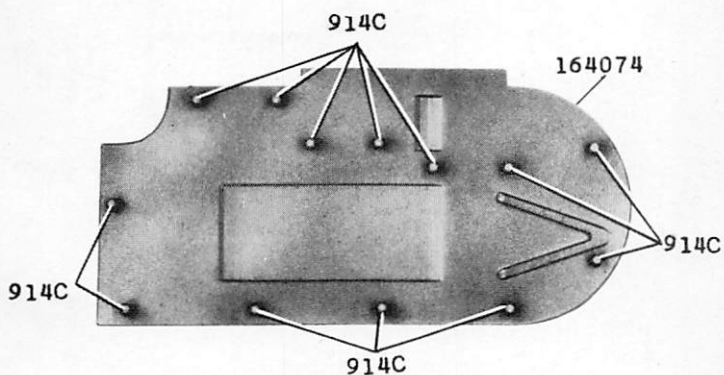
No.	Plate	Name
164397	24792	Looper (right hand) Carrier Connection Hinge Stud Adjusting Pin for 164464.....
164398	24789	Feed Eccentric Cover for 164402...
164399	24789	" " " Bracket for 164402.....
164401	24789	Feed Eccentric Cover Latch Spring for 164402.....
164402	24789	Feed Eccentric Cover complete, Nos. 629K, 164023, 164398, 164399, 164401 and two 227J...
164418	24772	Tension Thread Eyelet for 164214 (2).....
164455	24793	Finger Guard.....
164456	24793	" " Adaptor.....
164458	24791	Knife (movable) Guard (upper)....
164460	24796	Gauge (Accessories).....
164461	-----	Machine Frame Oil Tube Wick Retainer.....
164462	24791	Lint Stripper with 735AL.....
164463	24792	Looper (right hand) Carrier Connection Guide Bar Bracket with 164060 and two 462AL, for 164464.....
164464	-----	Looper (right hand) Driving Lever 164062 with 1443J, 1700J, 132565, 164056, 164057, 164058, 164061, 164068, 164397 and 164463.....
168198	24763	Chip Chute with four wood screws 3/8 in. No. 6 R.H. blacked....
168215	-----	Looper (right hand) Carrier Connection Guide Bar Oil Wick for 164058.....

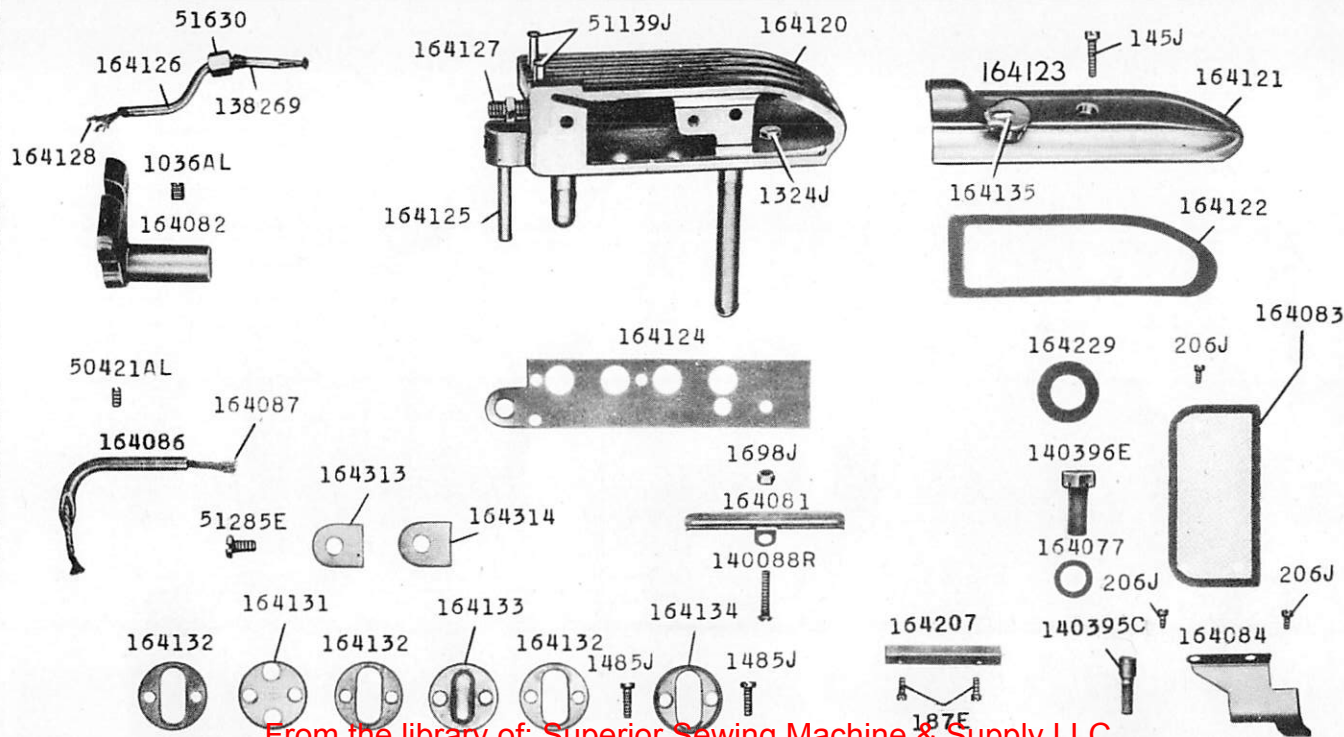
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in SINGER Machines.
These Needles and their Containers
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Company's Trade Mark "SIMANCO.**" 1

Needles in Containers marked
"FOR SINGER MACHINES"
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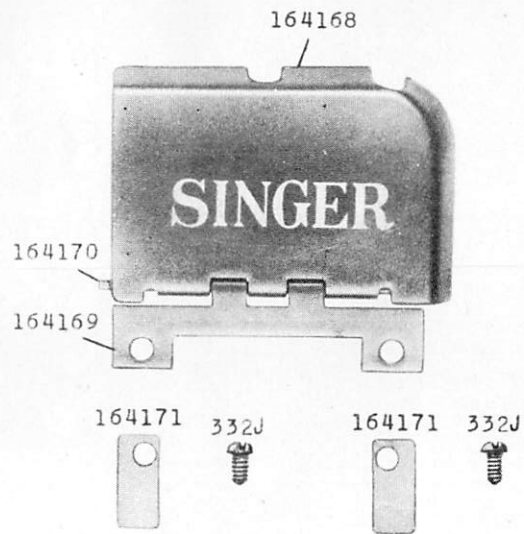
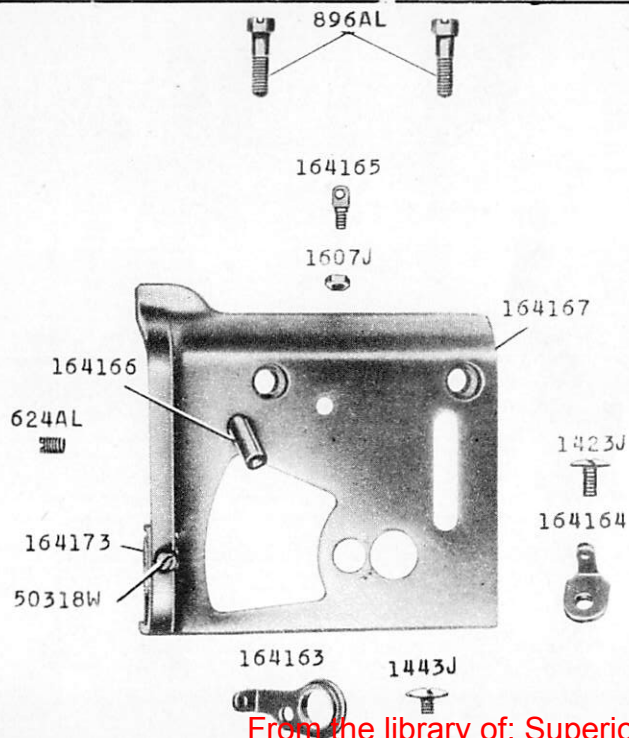
**ILLUSTRATIONS
OF
PARTS**

24756 - 1/3





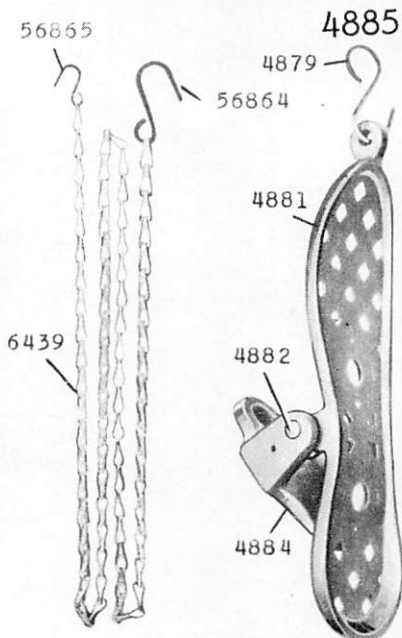
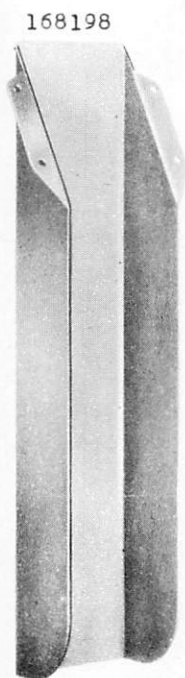
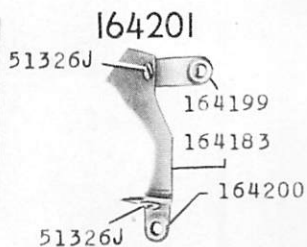
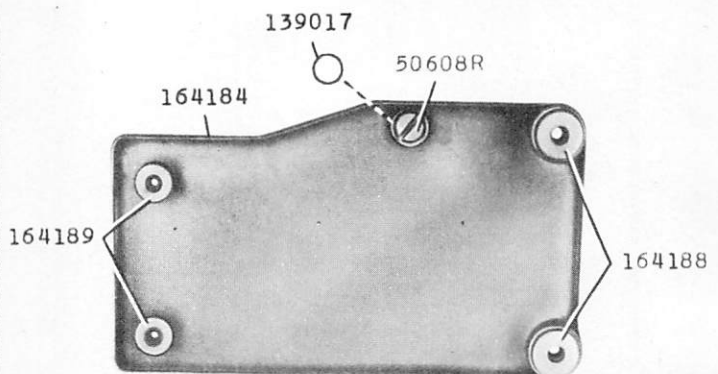
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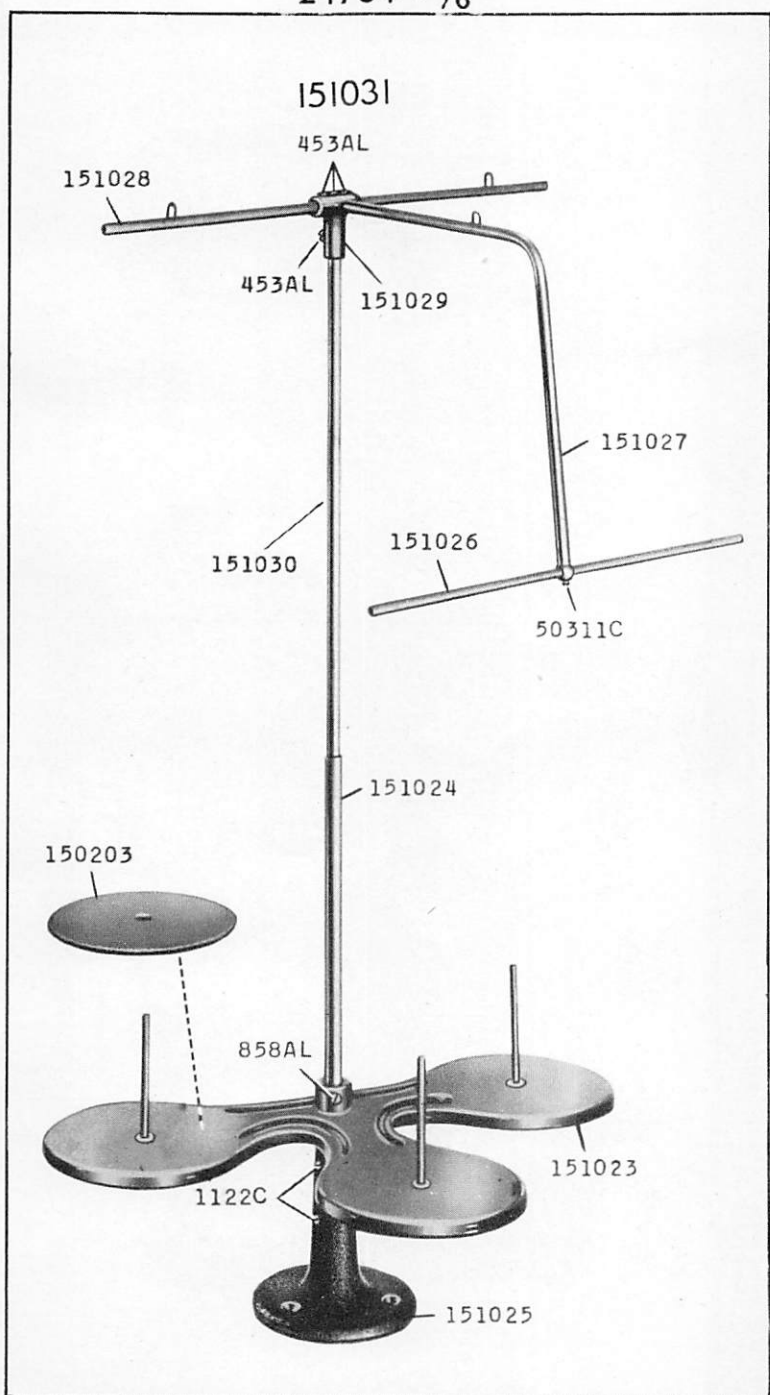
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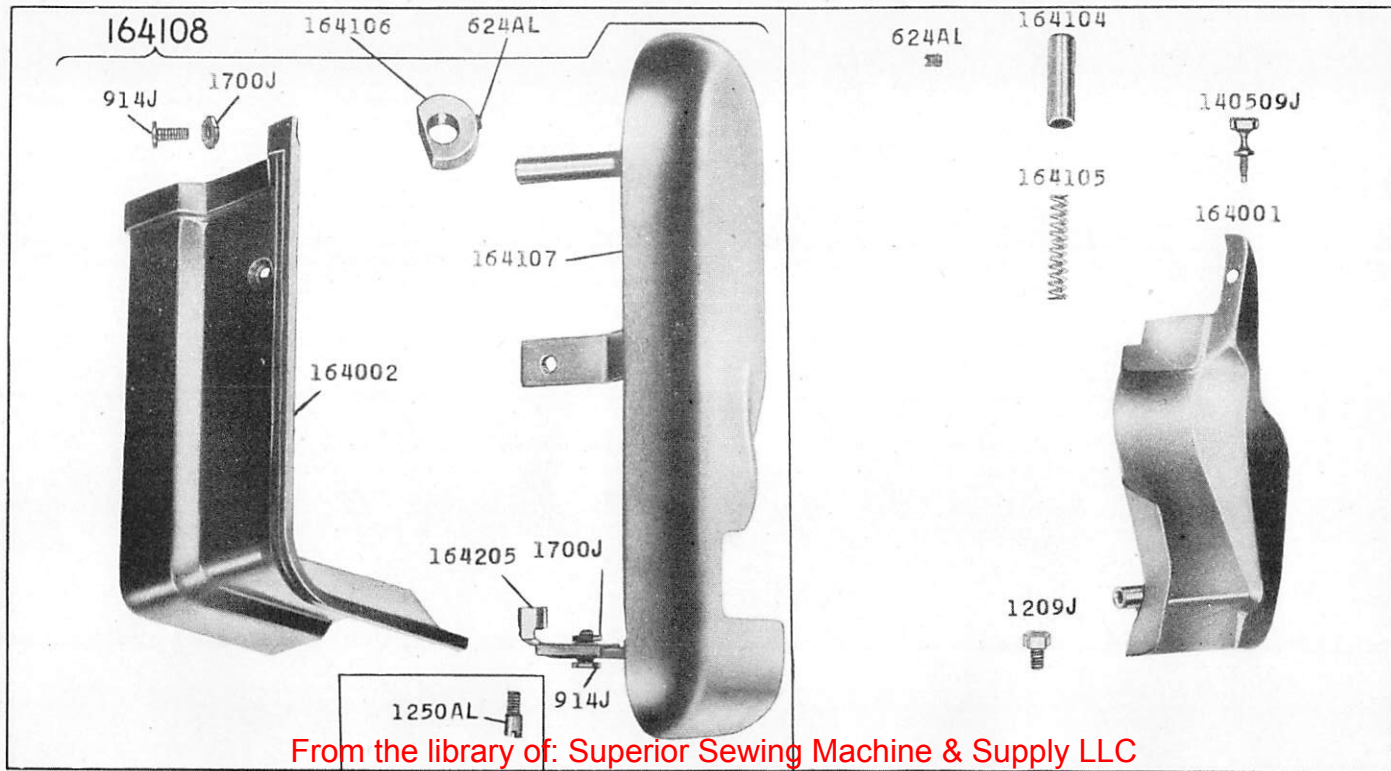
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24763 - 1/4

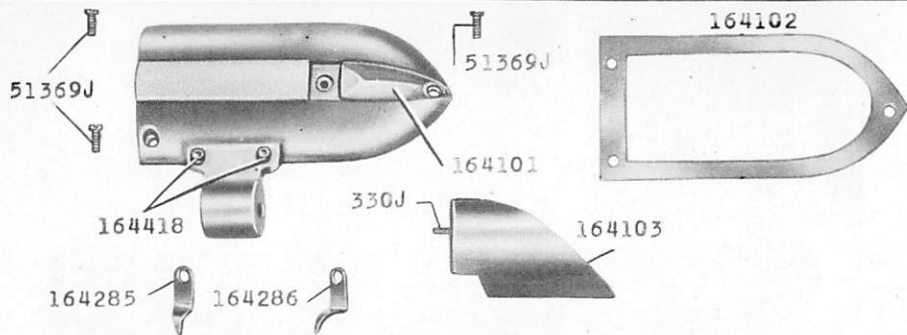


24764 - 1/6

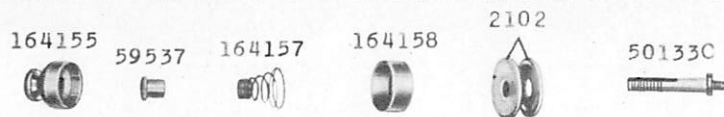




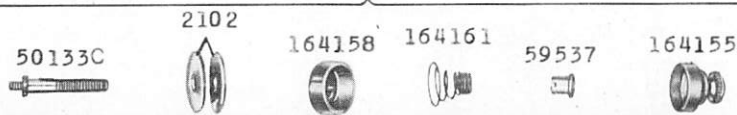
24767 - 1/2



164160



164162



164155



59537



164161



164158



2102



50133C



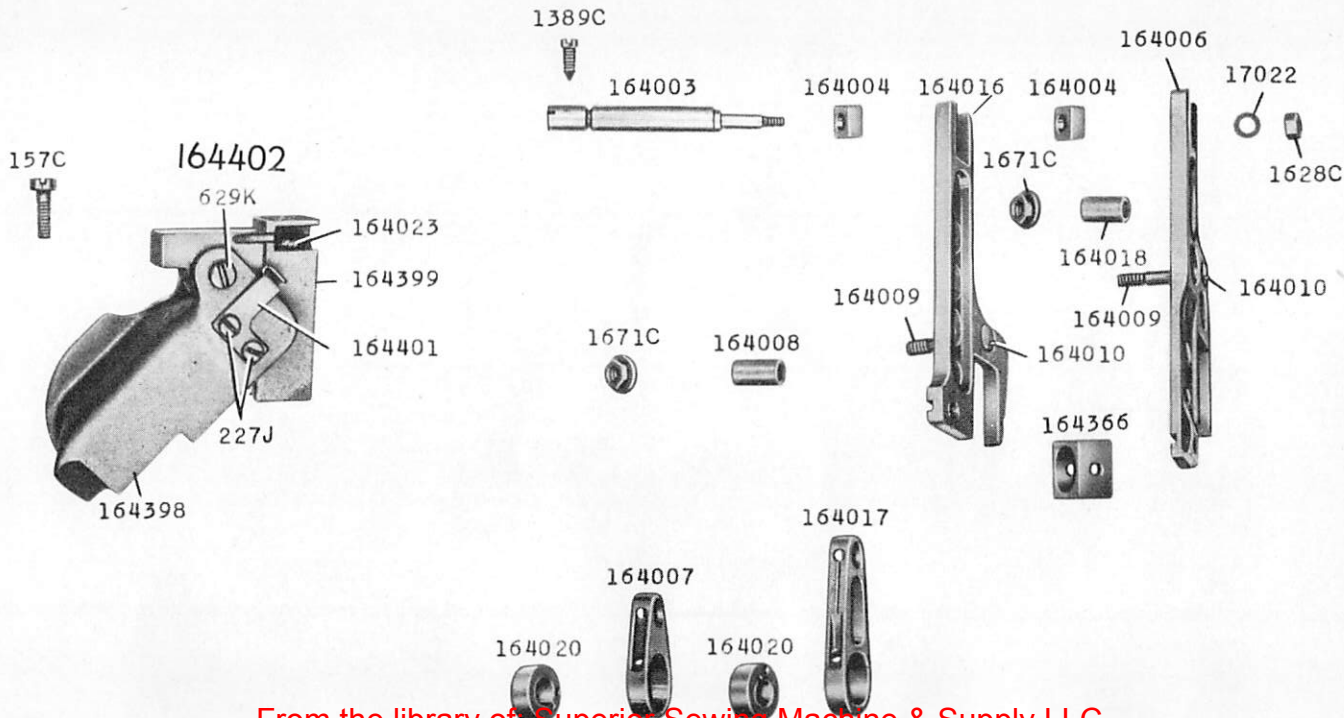
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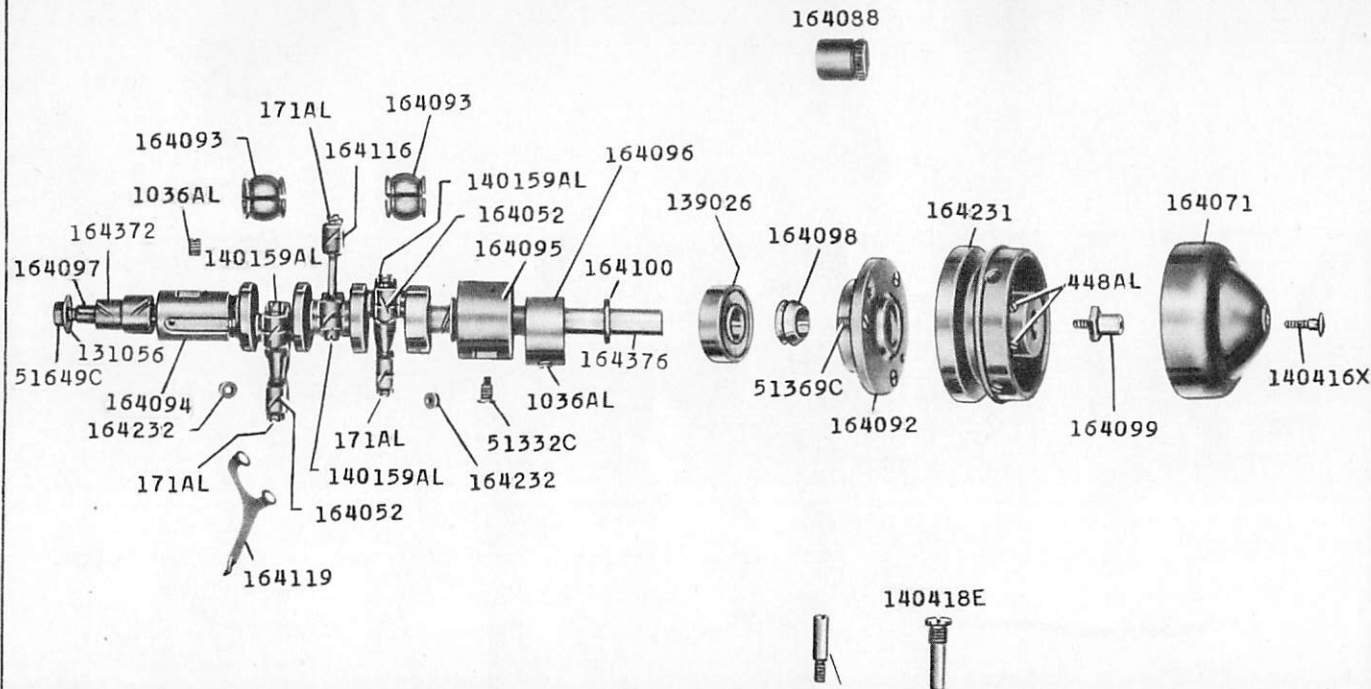
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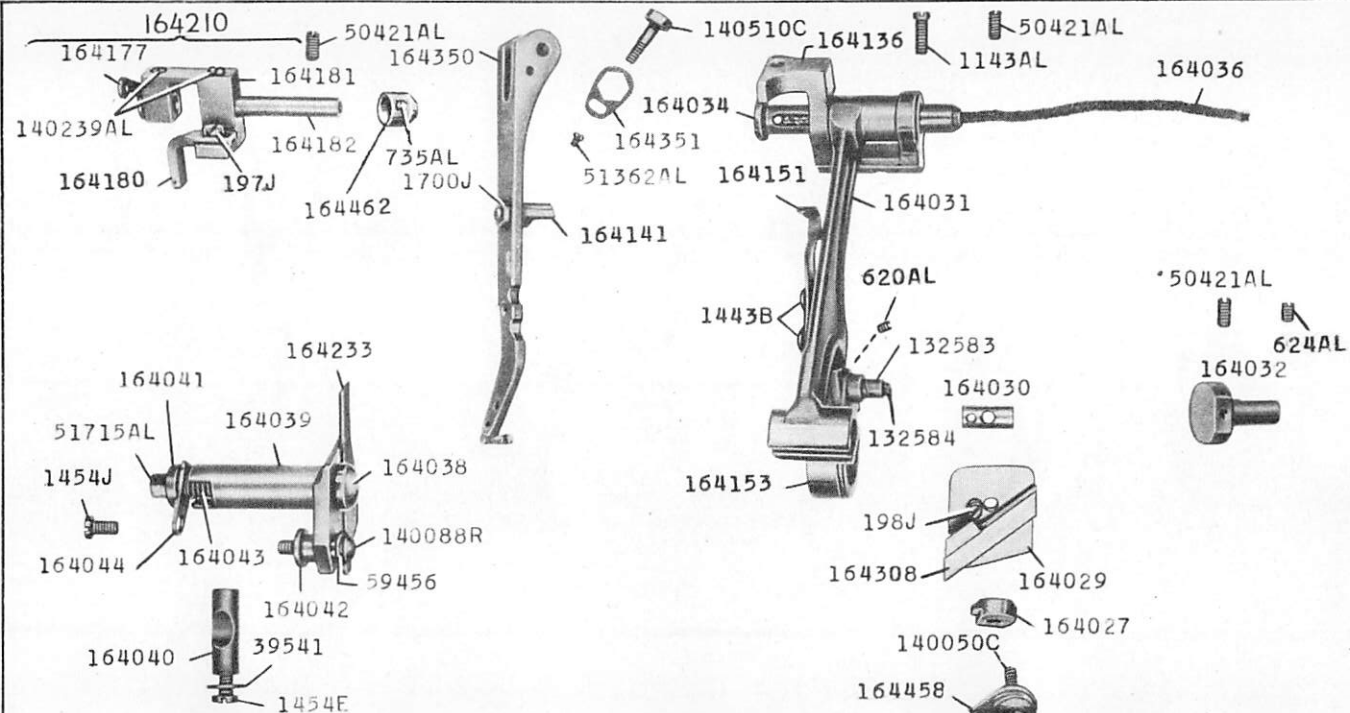
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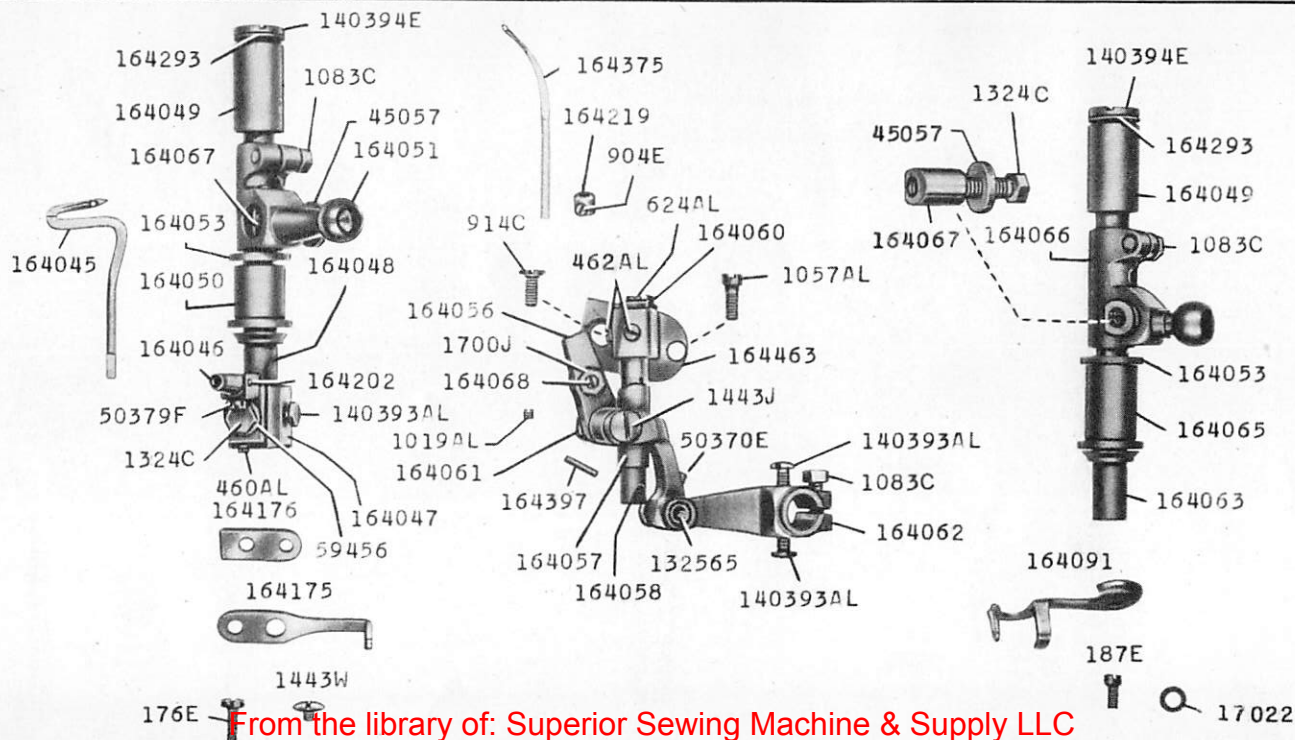


24790 - 1/3

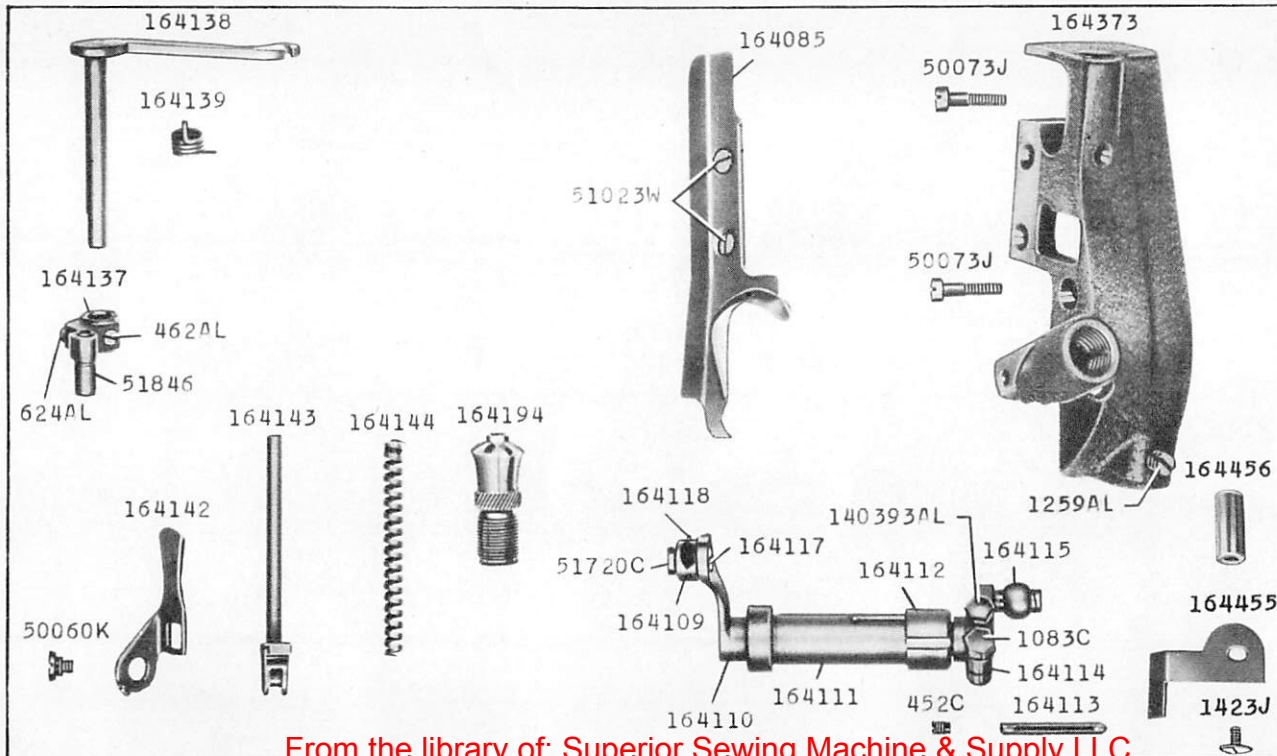
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1454F



164369



1100AL

164367

164223

164371



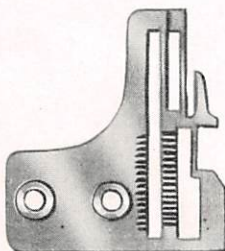
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164227



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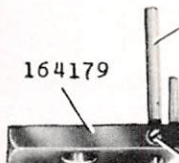
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50225J

50169J

164360

164179



164054

853AL

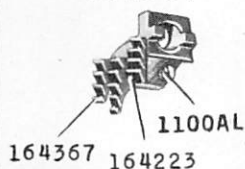
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24795 - 2/3

164391

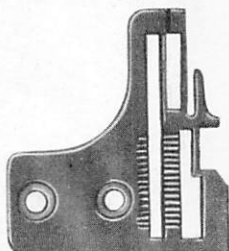
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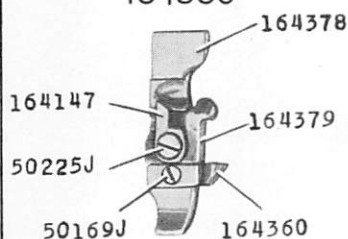
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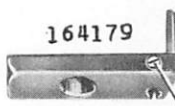
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164380



164179



164308



853AL

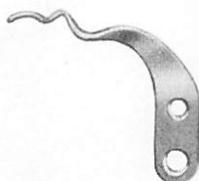
164350



164375



164151



164175



164091



24796 - 1/2



