

Form 20353

(Rev. 658)

Printed in U. S. A.

LIST OF PARTS



SINGER^{**}

MACHINE No. 245-4

THE SINGER MANUFACTURING COMPANY

INSTRUCTIONS FOR OILING

To insure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold by Singer Sewing Machine Company, should be applied at least four times each day to all oil holes and points of contact marked "OIL", as instructed in Form 19791.

"TYPE D" OIL should be used when an oil is desired which will produce a minimum of stain on fabrics, even after a long period of storage.

Apply a few drops of oil to the bobbin case bearings each time a bobbin case is replaced.

CAUTION: Never oil the sewing hook race through the needle hole in the throat plate. Never flood the hook with oil.

Apply "GEAR LUBRICANT" to upper and lower gear cases every 160 hours of operation, as indicated in Form 19791.

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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
- B—Polished, Nickel Plated and Buffed
- C—Hardened Only
- D—Polished Only
- E—Soft, Not Polished
- F—Hardened and Polished
- G—Bright Rumbled and Nickel Plated
- H—Blued
- J—Nickel Plated Only
- K—Hardened and Nickel Plated
- L—Brass Plated
- M—Oxidized
- R—Phosphate Coating Formed on Surface of Iron or Steel
- S—Cadmium Plated
- T—Copper Plated
- U—Zinc Plated
- V—Silver Plated
- W—Polished and Nickel Plated
- X—Black Oxide for Iron and Steel
- Y—Black Nickel Plated Only
- Z—Chromium Plated
- A.A—Buffed and Chromium Plated
- A.B—Hardened, Polished, Buffed and Chromium Plated
- 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) Color Must be Stated
- A.J—Polished, Nickel Plated and Chromium Plated
- A.K—Hardened, Polished, Nickel Plated and Chromium Plated
- A.L—Heat Treated for Toughness
- A.L.D—Heat Treated for Toughness and Polished
- A.L.X—Heat Treated for Toughness and Black Oxide

INSTRUCTIONS FOR ORDERING

- A.S—Black Moulded Phenolic
- A.T—Beige Moulded Phenolic
- A.U—Brown Moulded Phenolic
- A.W—Hardened then Flame Coated with Tungsten Carbide
- B.A—Chrome Nickel Satin Finish
- B.B—Hardened and Chrome Nickel, Satin Finished
- C.R—Hardened and Phosphate Coating Formed on Surface of Steel
- F.J—Hardened, Polished and Nickel 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
- X.C—Hardened and Black Oxide for Iron and Steel
- 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 142,000 are screw numbers

1501 to 1800 and 51500 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 the factory.

LIST OF PARTS COMPLETE FOR

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MACHINE No. 245-4

FOR SEWING AND TRIMMING LIGHT, MEDIUM AND HEAVY FABRICS. HAS VERTICAL TRIMMER THAT TRIMS FROM 1/16 INCH TO 1/4 INCH, FROM THE LINE OF STITCHING. NEEDLE BAR STROKE: 1-13/64 INCHES. PRESSER BAR LIFT 5/16 INCH. MAXIMUM STITCH: 5 TO THE INCH. SPEED: 3500 DEPENDING ON MATERIALS USED AND OPERATIONS PERFORMED.

No.	Plate	Name
*144835	-----	Arm with 11119, 144752, 144753 and 144754. NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
8582	24030	Arm Dowel Pin (2)
50608R	24030	Arm Hole Plug Screw (back of arm).....
68350	24030	Arm Oil Cup (spring lid) for oiling Arm Shaft (horizontal) Front Bearing.....
56006	24030	Arm Oil Cup (spring lid) Oil Pad
54897	24030	Arm Oil Cup (ball type) for oiling Arm Shaft (horizontal) Back Bearing.....
144752	24030	Arm Oil Tube for oiling Oil Wick Holder complete
144753	24030	Arm Oil Tube for oiling Arm Shaft (upright) Bearing (lower).....
144754	24030	Arm Oil Tube for oiling Rotating Hook Shaft (back) Bearing.....
11119	24030	Arm Oil Tube with 52045, for oiling Needle Bar Crank (eccentric) Sleeve.....
52045	24030	Arm Oil Tube Packing (cotton) for 11119 ..

No.	Plate	Name
140332E	24030	Arm Screw (right) (2).....
868E	24030	Arm Screw (left) (2).....
144836	24030	Arm Shaft (horizontal).....
144885	-----	Arm Shaft (horizontal) 144836 with 144839, 144884 and two 127315
144758	24030	Arm Shaft (horizontal) Bushing (center) with 52263 and 144759
52263	24030	Arm Shaft (horizontal) Bushing (center) Oil Pad (felt)
144759	24030	Arm Shaft (horizontal) Bushing (center) Oil Wick
140296AL	24030	Arm Shaft (horizontal) Bushing (center) Set Screw
127315	24030	Arm Shaft (horizontal) Counterbalance with 858AL (2)
858AL	24030	Arm Shaft (horizontal) Counterbalance Set Screw (2)
144761	24030	Arm Shaft (horizontal) Flanged Bushing (back) with 52289 and 144762
52289	24030	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (felt)
144762	24030	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad Wick
140297AL	24030	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw
144839	24030	Arm Shaft (horizontal) Flanged Bushing (front) with 144833, 144834 and two 52289.
52289	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (felt) (2).....
144834	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad Retainer.....
44833	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Wick.....
140331AL	24030	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.....
144E	24030	Arm Shaft (horizontal) Screw.....
144765	24030	Arm Shaft (upright)
143014	24030	Arm Shaft (upright) Bevel Gear (lower) right hand spiral with two 1259AL.....
1259AL	24030	Arm Shaft (upright) Bevel Gear (lower) Set Screw (2)
143015	24030	Arm Shaft (upright) Bevel Gear (upper) left hand spiral with two 1259AL.....
1259AL	24030	Arm Shaft (upright) Bevel Gear (upper) Set Screw (2)
144767	24030	Arm Shaft (upright) Bushing (lower) with 52280 and 144768.....
52280	24030	Arm Shaft (upright) Bushing (lower) Oil Pad (felt)
144768	24030	Arm Shaft (upright) Bushing (lower) Oil Wick (braided cotton).....
140298AL	24030	Arm Shaft (upright) Bushing (lower) Set Screw.....
144770	24030	Arm Shaft (upright) Bushing (upper) with 52280 and 144768.....

No.	Plate	Name
52280	24030	Arm Shaft (upright) Bushing (upper) Oil Pad (felt).....
144768	24030	Arm Shaft (upright) Bushing (upper) Oil Wick (braided cotton).....
140298AL	24030	Arm Shaft (upright) Bushing (upper) Set Screw.....
144771	24030	Arm Side Cover (front)
50684W	24030	Arm Side Cover Thumb Screw
52239	24032	Arm Spool Pin and Thread Eyelet
8879	24032	Arm Spool Pin Washer (cloth)
144773	24031	Arm Top Cover with 144777 and 144778, for 144779
144775	24031	Arm Top Cover with 144777 and 144778, for 144780
144776	24031	Arm Top Cover Gasket (cork)
144777	24031	Arm Top Cover Oil Tube (long) with 52184 for oiling Feed Lifting Rock Shaft Connecting Rod.....
144778	24031	Arm Top Cover Oil Tube (short) with 52184 for oiling Feed Rock Shaft Connecting Rod
52184	-----	Arm Top Cover Oil Tube Packing (wick) (2)
51369R	24031	Arm Top Cover Screw (2).....
143244	24031	Arm Top Cover Spool Pin with Spool Rest, 3-1/2 in. long for 144780.....
143376	24031	Arm Top Cover Stitch Regulator Plunger...
140317X	24031	Arm Top Cover Stitch Regulator Plunger Hole Plug Screw for plugging the Plunger hole when the Plunger is removed to prevent tampering with the Stitch Set
		NOTE: No. 140317X is not regularly furnished with this Machine.
143377	24031	Arm Top Cover Stitck Regulator Plunger Retainer.....
64519	24031	Arm Top Cover Stitch Regulator Plunger Spring
144779	24031	Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 143376, 143377 and 144773.....
		NOTE: No. 144779 is regularly furnished with this Machine.
144780	24031	Arm Top Cover with Stitch Regulator Plunger complete, when a longer spool Pin is required, Nos. 64519, 143244, 143376, 143377 and 144775.....
*144781	-----	Bed
		NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
12431	24032	Bed Slide
4307	24032	Bed Slide Spring
725X	24032	Bed Slide Spring Screw (2)
12432	24032	Bed Slide complete, Nos. 4307, 12431 and two 725J

No.	Plate	Name
144827	-----	Combination of Feed and Stitch Regulator Parts Nos. 143015, 143036, 143087, 143134, 144785, 144788 and 147126.....
144840	24032	Face Plate
52053	24032	Face Plate Thread Guard (lower).....
226J	24032	Face Plate Thread Guard (lower) Screw...
52170	24032	Face Plate Thread Guard (upper).....
226J	24032	Face Plate Thread Guard (upper) Screw...
144841	24032	Face Plate complete, Nos. 52053, 52170, 144840 and two 226J.....
51714W	24032	Face Plate Thumb Nut (2).....
140373AL	24032	Face Plate Thumb Nut Screw Stud (2)
143030	24035	Feed Bar
NOTE: No. 143030 is regularly furnished with this Machine.		
51220AL	24035	Feed Bar Adjusting Screw (2).....
1607C	24035	Feed Bar Adjusting Screw Lock Nut (2)...
143185	24035	Feed Bar Body with two each 1607C and 51220AL
704C	24035	Feed Bar Body Screw.....
143186	24035	Feed Bar Shank.....
143187	24035	Feed Bar (tilting, adjustable) complete, Nos. 704C, 143185 and 143186
313C	24035	Feed Bar Screw Center (2).....
56813	-----	Feed Bar Screw Center 313C with 1519J (2)
1519J	24035	Feed Bar Screw Center Nut (2)
149025	24032	Feed Dog, 9 teeth (12 teeth to the inch) for 127036 and 127040
50117AL	24032	Feed Dog Screw (2).....
147125	-----	Feed Eccentric
147126	24030	Feed Eccentric 147125 with 143035.....
143035	-----	Feed Eccentric Body with 1375AL and two 1036AL
NOTE: Nos. 143035 and 147125 are not supplied separately, when required order No. 147126.		
1375AL	24030	Feed Eccentric Body Position Screw
1036AL	24030	Feed Eccentric Body Set Screw (2).....
140256AL	24030	Feed Eccentric Stop Screw (7 stitch).....
NOTE: No. 140256AL is regularly furnished with this Machine.		
140257AL	24030	Feed Eccentric Stop Screw (5-1/2 stitch) ..
140258AL	24030	Feed Eccentric Stop Screw (14 stitch).....
143036	24030	Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear (right hand spiral) with 1259AL, 140333AL and 143088
140333AL	24030	Feed Lifting Eccentric Position Screw.....
1259AL	24030	Feed Lifting Eccentric Set Screw
144783	24035	Feed Lifting Rock Shaft
144784	-----	Feed Lifting Rock Shaft complete, Nos. 52265 and 144783
144785	24030	Feed Lifting Rock Shaft Connecting Rod....
140230C	24030	Feed Lifting Rock Shaft Connecting Rod Hinge Screw.....

No.	Plate	Name
1518J	24030	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut.....
52265	24035	Feed Lifting Rock Shaft Crank with 157R and 52267
157R	24035	Feed Lifting Rock Shaft Crank Clamping Screw.....
52266	24035	Feed Lifting Rock Shaft Crank Slide Block..
52267	-----	Feed Lifting Rock Shaft Crank Slide Block 52266 with 125060
125060	24035	Feed Lifting Rock Shaft Crank Slide Block Stud
50191C	24035	Feed Lifting Rock Shaft Screw Center (2) ..
52097	-----	Feed Lifting Rock Shaft Screw Center 50191C with 1513J (2)
1513J	24035	Feed Lifting Rock Shaft Screw Center Nut (2)
144786	24035	Feed Rock Shaft.....
144787	-----	Feed Rock Shaft complete, Nos. 144786 and 144789.....
144788	24030	Feed Rock Shaft Connecting Rod.....
140230C	24030	Feed Rock Shaft Connecting Rod Hinge Screw.....
1518J	24030	Feed Rock Shaft Connecting Rod Hinge Screw Nut
144789	24035	Feed Rock Shaft Crank with 157J.....
157J	24035	Feed Rock Shaft Crank Clamping Screw....
50191C	24035	Feed Rock Shaft Screw Center (2)
52097	-----	Feed Rock Shaft Screw Center 50191C with 1513J (2)
1513J	24035	Feed Rock Shaft Screw Center Nut (2).....
144790	24030	Gear Case (lower) (two pieces) with 140184E, 142005 and three 145E
142005	24030	Gear Case (lower) Alemite Fitting
140184E	24030	Gear Case (lower) Plug Screw.....
145E	24030	Gear Case (lower) Screw (3).....
144791	24030	Gear Case (upper) (two pieces) with 50668E, 50669E, 140184E and 142005.....
142005	24030	Gear Case (upper) Alemite Fitting
140184E	24030	Gear Case (upper) Plug Screw.....
50668E	24030	Gear Case (upper) Screw (long)
50669E	24030	Gear Case (upper) Screw (short)
127026	24033	Knife (narrow).....
127027	24033	Knife (wide)
620AL	24033	Knife Adjusting Screw.....
144842	24033	Knife Bar with 2301.....
24431	24033	Knife Bar Crank with 191C
1162C	24033	Knife Bar Crank Coupling Pin.....
1564J	24033	Knife Bar Crank Coupling Pin Head.....
2297	24033	Knife Bar Crank Coupling Pin Spring
2022	24033	Knife Bar Crank Pin.....
191C	24033	Knife Bar Crank Set Screw
24432	-----	Knife Bar Crank complete, Nos. 1162C, 1564J, 2297 and 24431.....
127028	24033	Knife Bar Driving Crank (forked)
16564	24033	Knife Bar Driving Crank Bracket.....

No.	Plate	Name
127029	24033	Knife Bar Driving Crank Bracket complete, Nos. 2022, 16564, 24432 and 127028,
647C	24033	Knife Bar Driving Crank Bracket Screw (2)
144843	24033	Knife Bar Lifting Spring
144844	24033	Knife Bar Lifting Spring Case
144849	24033	Knife Bar Lifting Spring Guide with 144846 and 144847
144846	24033	Knife Bar Lifting Spring Guide Bracket....
228J	24033	Knife Bar Lifting Spring Guide Bracket Screw
144847	24033	Knife Bar Lifting Spring Guide Pin.....
2301	24033	Knife Bar Stop Pin
144848	-----	Knife Bar complete, Nos. 228J, 24109, 52108, 144842, 144849 and three 50117AL.
52108	24033	Knife Holder with 620AL, 2291 and two 223J
24109	24033	Knife Holder Handle.....
50117AL	24033	Knife Holder Handle Screw.....
50117AL	24033	Knife Holder Screw (2).....
223J	24033	Knife Screw (2)
2291	24033	Knife Screw Washer.....
143363	24031	Machine Pulley (disc power) "V" belt groove (outside diam. of belt groove 2.9") with two 51283AL
51283AL	24031	Machine Pulley Set Screw (2).....
127135	24034	Needle Bar (hollow) with 140239AL
127137	-----	Needle Bar (hollow) 127135 with 127136 ...
127279	24034	Needle Bar Bushing (lower)
1133AL	24034	Needle Bar Bushing (lower) Set Screw....
52111	24034	Needle Bar Bushing (upper)
127231	24034	Needle Bar Connecting Link with 52207
144819	-----	Needle Bar Connecting Link 127231 with 143057
775E	24034	Needle Bar Connecting Link Cap Screw
52207	24034	Needle Bar Connecting Link Lubricating Pad (wood)
143057	24034	Needle Bar Connecting Stud with 140706C.
140706C	24034	Needle Bar Connecting Stud Clamping Screw
143058	24034	Needle Bar Connecting Stud Slide Block....
144883	-----	Needle Bar Crank (eccentric) with 1036AL, 1037AL, 1065AL and 140659AL.....
144884	24030	Needle Bar Crank (eccentric) 144883 with 127032
*127032	-----	Needle Bar Crank (eccentric) Sleeve.....
1065AL	24030	Needle Bar Crank Position Screw.....
140659AL	24030	Needle Bar Crank Position Screw Clamping Screw
127136	24034	Needle Bar Thread Guide
140239AL	24034	Needle Set Screw.....
56015	24030	Oil Tube for 144793
144793	24030	Oil Tube Bracket with 56015, for oiling Arm Shaft (upright) Bearing (upper)
50156AL	24030	Oil Tube Bracket Screw.....
143197	24030	Oil Wick for oiling Thread Take-up Lever, Needle Bar Connecting Link Thread Take-up Link and Thread Take-up Lever Hinge Bearing for 144818 (2)

No.	Plate	Name
144818	24030	Oil Wick Holder complete, Nos. 144796 and two 143197.....
144796	24030	Oil Wick Holder Cap for 144818.....
140232J	24030	Oil Wick Holder Screw.....
12391	24034	Presser Bar (hollow).....
143385	24034	Presser Bar Bushing (lower).....
52338	24034	Presser Bar Guide Bracket with 223C and 453AL.....
453AL	24034	Presser Bar Guide Bracket Set Screw.....
2062	24034	Presser Bar Lifter.....
15486	24034	Presser Bar Lifter Hinge Stud.....
448AL	24034	Presser Bar Lifter Hinge Stud Set Screw ...
12327	24034	Presser Bar Lifting and Releasing Lever Bracket.....
127108	24034	Presser Bar Spring.....
11170	24034	Presser Bar Spring Washer.....
127033	24034	Presser Foot for 1/16" to 11/64" trim, in steps of 1/64".....
NOTE:		No. 127033, 1/8" trim and No. 127034, 3/16" trim, are sent with this machine unless other trims are specified on order.
127034	24034	Presser Foot for 3/16" trim to 1/2" trim, in steps of 1/64".....
140390AL	24034	Presser Foot Screw.....
50373W	24034	Pressure Regulating Thumb Screw.....
144828	24034	Rotating Hook with three 1253AL.....
144829	-----	Rotating Hook 144828 with 270083 and four 1053E.....
144830	-----	Rotating Hook 144829 with 40274, 143346 and three 1367E.....
144832	24034	Rotating Hook 144830 with 52237.....
40264	24034	Rotating Hook Bobbin (3).....
52235	24034	Rotating Hook Bobbin Case.....
52236	-----	Rotating Hook Bobbin Case 52235 with 591F, 1380E and 40394.....
40392	24034	Rotating Hook Bobbin Case Latch.....
125320	24034	Rotating Hook Bobbin Case Latch Lever....
2974	24034	Rotating Hook Bobbin Case Latch Lever Fulcrum Pin.....
2975	24034	Rotating Hook Bobbin Case Latch Spring....
592E	24034	Rotating Hook Bobbin Case Latch Stop Screw..
40393	24034	Rotating Hook Bobbin Case Hinge, Nos. 2974, 40392 and 125320.....
143346	24034	Rotating Hook Bobbin Case Holder.....
52018	24035	Rotating Hook Bobbin Case Holder Position Bracket.....
704J	24035	Rotating Hook Bobbin Case Holder Position Bracket Screw.....
591F	24034	Rotating Hook Bobbin Case Tension Regulating Screw.....
40394	24034	Rotating Hook Bobbin Case Tension Spring..
1380E	24034	Rotating Hook Bobbin Case Tension Spring Screw.....
52237	24034	Rotating Hook Bobbin Case complete, Nos. 592E, 2975, 40393 and 52236.....

No.	Plate	Name
40274	24034	Rotating Hook Section.....
1367E	24034	Rotating Hook Section Screw (3).....
1253AL	24034	Rotating Hook Set Screw (3).....
144797	24035	Rotating Hook Shaft
144798	24035	Rotating Hook Shaft Bevel Gear (left hand spiral) with two 1259AL.....
1259AL	24035	Rotating Hook Shaft Bevel Gear Set Screw (2)
144800	24035	Rotating Hook Shaft Bushing (back) with 52280 and 144801.....
52280	24035	Rotating Hook Shaft Bushing (back) Oil Pad (felt)
144801	24035	Rotating Hook Shaft Bushing (back) Oil Wick (braided cotton).....
140261AL	24035	Rotating Hook Shaft Bushing (back) Set Screw
144803	24035	Rotating Hook Shaft Bushing (front) with 144801 and two 52280.....
52280	24035	Rotating Hook Shaft Bushing (front) Oil Pad (felt) (2)
144801	24035	Rotating Hook Shaft Bushing (front) Oil Wick (braided cotton).....
142008	24035	Rotating Hook Shaft Bushing (front) Oil Cup.
140261AL	24035	Rotating Hook Shaft Bushing (front) Set Screw
270083	24034	Rotating Hook Thread Guard.....
1053E	24034	Rotating Hook Thread Guard Screw (4).....
52115	24034	Slack Thread Regulator.....
223C	24034	Slack Thread Regulator Set Screw.....
143085	24030	Stitch Regulator.....
143134	-----	Stitch Regulator 143085 with 140549E, 143086 and 143378
143086	24030	Stitch Regulator Locking Slide.....
143087	24030	Stitch Regulator Locking Slide Ratchet Wheel
143088	-----	Stitch Regulator Locking Slide Ratchet Wheel Pin.....
143378	24030	Stitch Regulator Locking Slide Spring.....
140549E	24030	Stitch Regulator Locking Slide Spring Screw.
2102	24032	Tension Disc (2)
1560C	24032	Tension Regulating Thumb Nut.....
32572	24032	Tension Releasing Disc.....
43944	24032	Tension Releasing Lever.....
12398	24032	Tension Releasing Lever Hinge Pin
12329	24032	Tension Releasing Lever Spring
32574	24032	Tension Releasing Pin.....
2103	24032	Tension Spring.....
50304C	24032	Tension Stud
52098	-----	Tension Stud 50304C with 1560C
50305C	24032	Tension Stud Set Screw
52397	24032	Tension complete, Nos. 2103, 32572, 32574, 52083, 52098, 52394 and two 2102.....
143135	24032	Thread Guard (side of arm).....
52454	24032	Thread Retainer
624AL	24032	Thread Retainer Set Screw.....

No.	Plate	Name
144852	-----	Thread Take-up complete, Nos. 143097, 144808 and 144853.....
52021	24034	Thread Take-up Crank
144853	-----	Thread Take-up Crank 52021 with 775E, 143058 and 144819.....
1036AL	24030	Thread Take-up Crank Position Screw.....
1037AL	24030	Thread Take-up Crank Set Screw
144807	-----	Thread Take-up Lever with 52130.....
52023	24034	Thread Take-up Lever Hinge Stud.....
143096	24034	Thread Take-up Lever Link.....
143097	24034	Thread Take-up Lever Link Hinge Stud.....
435AL	24034	Thread Take-up Lever Link Hinge Stud Set Screw.....
52130	24034	Thread Take-up Lever Thread Eyelet Bushing.....
144808	-----	Thread Take-up Lever complete, Nos. 52023, 143096 and 144807.....
52394	24032	Thread Take-up Spring
52083	24032	Thread Take-up Spring Regulator with 50305C
443AL	24032	Thread Take-up Spring Regulator Set Screw.
5729	24032	Throat Plate Body.....
142032	24032	Throat Plate Cutting Bar for 1/16" to 1/4" Trimming margin, for 127036.....
NOTE: No. 142032, 3/16" Trimming margin is sent with this Machine unless another margin is specified on order. When ordering state Trimming margin required.		
52131	-----	Throat Plate Cutting Bar for 1/16" to 1/4" Trimming margin, for 127040.....
NOTE: When ordering No. 52131 or 142032, state required distance of trimmed edge from seam. When ordering state Trimming margin required.		
578D	24032	Throat Plate Cutting Bar Screw (2).....
127035	24032	Throat Plate Slide
578D	24032	Throat Plate Slide Adjusting Screw.....
127036	24032	Throat Plate (small needle hole) complete, for 1/16" to 1/4" trim, in steps of 1/64", for 127025, Nos. 5729, 127035, 142032 and three 578D
NOTE: No. 127036, 1/8" Trimming margin is sent with this Machine, unless another margin is specified on order. When ordering state size of trim required.		
127040	-----	Throat Plate (large needle hole) complete for 1/16" to 1/4" trim, in steps of 1/64", for 127025, Nos. 5729, 52131, 127035 and three 578D
NOTE: When ordering No. 127036 or 127040, state required distance of trimmed edge from seam. When ordering state size of trim required.		
691AL	24032	Throat Plate Screw (2).....
144809	24023	Drip Pan with four 1" wire nails.....

ACCESSORIES

No.	Plate	Name
12361	-----	Machine Hinge Connection (2).....
41400	24012	Machine Rest Pin, 4" long (wood).....
120342	24012	Oiler (copper plated) with 120343.....
120343	24012	Oiler Spout, 3-1/2" long.....
26026	24012	Screw Driver (large).....
26485	24012	Screw Driver (small)
8909	24012	Wrench for 1513 and 1518.....
8908	24012	Wrench for 1519

BOBBIN WINDERS

BOBBIN WINDER
(Swinging Automatic, Right Hand)
For V-Belt Drive

No.	Plate	Name
259428	23253	Brake (leather).....
259429	23253	Brake Clamp
200113F	23253	Brake Clamp Screw
259662	23253	Bobbin Winder and Tension Bracket Base...
225453	23253	Frame with 202277 and 259660.....
225454	23253	Frame Hinge Pin.....
202277	23253	Frame Oil Packing (wick).....
259660	23253	Frame Oil Well Washer.....
225455	23253	Frame Spring
225456	23253	Frame Spring Plunger.....
259461	23253	Pulley with 200380C.....
200380C	23253	Pulley Set Screw.....
225381	23253	Spindle
225444	23253	Stop Latch
200056E	23253	Stop Latch Screw.....
225458	23253	Stop Latch Thumb Lever.....
225459	23253	Stop Latch Thumb Lever Hinge Stud.....
225459	23253	Stop Latch Thumb Lever Joint Stud.....
202478	23253	Stop Latch Trip Lever.....
200299X	23253	Stop Latch Trip Lever Hinge Screw
225461	23253	Tension Bracket with 201499X.....
200082D	23253	Tension Bracket Screw
228026	23253	Tension Bracket Screw Washer.....
2102	23253	Tension Disc (2)
13710	23253	Tension Spring.....
201499X	23253	Tension Stud
201572X	23253	Tension Stud Thumb Nut
225462	23253	Tension Bracket complete, Nos. 13710, 201572X, 225461 and two 2102.....

No.	Plate	Name
259462	23253	Bobbin Winder complete, for "V" belt, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225381, 225444, 225453, 225454, 225455, 225456, 225458, 225462, 228026, 259428, 259429, 259461, 259662 and two each 225459 and wood screws 3/4" No. 12 R. H.

BOBBIN WINDER
(For Round Belt)

No.	Plate	Name
259428	23253	Brake (leather)
259429	23253	Brake Clamp
200113F	23253	Brake Clamp Screw
259430	23253	Bobbin Winder and Tension Bracket Base...
225453	23253	Frame with 202277 and 259660
225454	23253	Frame Hinge Pin
202277	23253	Frame Oil Packing (wick)
259660	23253	Frame Oil Well Washer
225455	23253	Frame Spring
225456	23253	Frame Spring Plunger
225368	23253	Pulley with 200380C
200380C	23253	Pulley Set Screw
225381	23253	Spindle
225444	23253	Stop Latch
200056E	23253	Stop Latch Screw
225458	23253	Stop Latch Thumb Lever
225459	23253	Stop Latch Thumb Lever Hinge Stud
225459	23253	Stop Latch Thumb Lever Joint Stud
202478	23253	Stop Latch Trip Lever
200299X	23253	Stop Latch Trip Lever Hinge Screw
225461	23253	Tension Bracket with 201499X
200082D	23253	Tension Bracket Screw
228026	23253	Tension Bracket Screw Washer
2102	23253	Tension Disc (2)
13710	23253	Tension Spring
201499X	23253	Tension Stud
201572X	23253	Tension Stud Thumb Nut
225462	23253	Tension Bracket complete, Nos. 13710, 201572X, 225461 and two 2102
259431	23253	Bobbin Winder complete, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225368, 225381, 225444, 225453, 225454, 225455, 225456, 225458, 225462, 228026, 259428, 259429, 259430 and two each 225459 and wood screws 3/4" No. 12 R. H. B.

FINGER GUARD

No.	Plate	Name
121356	24034	Finger Guard.....

GREASE GUNS

No.	Plate	Name
160907	-----	Grease Gun (5 oz. capacity) for fitting No. 142005.....
121588	24036	Grease Gun (1/2 lb. capacity) for fitting No. 142005

KNEE LIFTER PARTS

KNEE LIFTER
For Power Table

No.	Plate	Name
144810	24035	Bell Crank.....
144811	24035	Bell Crank Bracket
158R	24035	Bell Crank Bracket Screw (2).....
143104	24035	Bell Crank Hinge Pin.....
144812	-----	Bell Crank complete, Nos. 143104, 144810 and 144811
143107	24035	Lifting Lever with 448AL.....
143108	24035	Lifting Lever Connecting Rod
1611J	24035	Lifting Lever Connecting Rod Nut.....
1611J	24035	Lifting Lever Connecting Rod Nut Lock Nut.
143109	24035	Lifting Lever Connecting Rod Swivel
802X	24035	Lifting Lever Hinge Screw.....
12241	24034	Lifting Lever Link.....
766E	24034	Lifting Lever Link Hinge Screw
16586	24035	Lifting Lever Pin.....
448AL	24035	Lifting Lever Pin Set Screw.....
146610	24035	Lifting Lever Spring
2763	22338	Rock Shaft
139633	-----	Rock Shaft 2763 with 2770, 6337 and 139623 .
127312	22338	Rock Shaft Hanger (back) with two wood screws 1" No. 10 F.H.....
12242	22338	Rock Shaft Hanger (front) with two wood screws 1" No. 10 F.H.....
2765	22338	Rock Shaft Knee Arm with 1509E
2766	22338	Rock Shaft Knee Arm Hub with 356C
356C	22338	Rock Shaft Knee Arm Hub Set Screw
1509E	-----	Rock Shaft Knee Arm Lock Nut.....
2768	-----	Rock Shaft Knee Arm complete, Nos. 2765, 2766 and 2767
2767	22338	Rock Shaft Knee Arm Plate with 356C.....

No.	Plate	Name
356C	22338	Rock Shaft Knee Arm Plate Set Screw.....
6337	22338	Rock Shaft Lifting Bracket with two 356C...
139623	22338	Rock Shaft Lifting Bracket Hook
356C	22338	Rock Shaft Lifting Bracket Hook Set Screw .
356C	22338	Rock Shaft Lifting Bracket Set Screw
2770	22338	Rock Shaft Stop Dog with 140219C
140219C	22338	Rock Shaft Stop Dog Set Screw
139624	22338	Rock Shaft complete, Nos. 2768, 12242, 127312 and 139633
144854	-----	Knee Lifter complete, Nos. 766E, 802X, 12241, 16586, 139624, 143107, 143108, 143109, 144812, 146610 and two each 158R and 1611J

KNEE LIFTER

For Foot Power and Individual Motor Stand

No.	Plate	Name
144810	24035	Bell Crank
144811	24035	Bell Crank Bracket
158R	24035	Bell Crank Bracket Screw (2)
143104	24035	Bell Crank Hinge Pin
144812	-----	Bell Crank complete, Nos. 143104, 144810 and 144811
143107	24035	Lifting Lever with 448AL
143108	24035	Lifting Lever Connecting Rod
1611J	24035	Lifting Lever Connecting Rod Nut
1611J	24035	Lifting Lever Connecting Rod Nut Lock Nut.
143109	24035	Lifting Lever Connecting Rod Swivel
802X	24035	Lifting Lever Hinge Screw
12241	24034	Lifting Lever Link
766E	24034	Lifting Lever Link Hinge Screw
16586	24035	Lifting Lever Pin
448AL	24035	Lifting Lever Pin Set Screw
146610	24035	Lifting Lever Spring
2763	22338	Rock Shaft
139633	-----	Rock Shaft 2763 with 2770, 6337 and 139623.
7539	22338	Rock Shaft Hanger with two wood screws 1" No. 10 F.H. (2)
2765	22338	Rock Shaft Knee Arm with 1509E
2766	22338	Rock Shaft Knee Arm Hub with 356C
356C	22338	Rock Shaft Knee Arm Hub Set Screw
1509E	-----	Rock Shaft Knee Arm Lock Nut
2768	-----	Rock Shaft Knee Arm complete, Nos. 2765, 2766 and 2767
2767	22338	Rock Shaft Knee Arm Plate with 356C
356C	22338	Rock Shaft Knee Arm Plate Set Screw
6337	22338	Rock Shaft Lifting Bracket with two 356C...
139623	22338	Rock Shaft Lifting Bracket Hook
356C	22338	Rock Shaft Lifting Bracket Hook Set Screw .
356C	22338	Rock Shaft Lifting Bracket Set Screw
2770	22338	Rock Shaft Stop Dog with 140219C

KNEE LIFTER

No.	Plate	Name
140219C	22338	Rock Shaft Stop Dog Set Screw.....
139625	22338	Rock Shaft complete, Nos. 2768, 139633, and two 7539.....
144855	-----	Knee Lifter complete, Nos. 766E, 802X, 12241, 16586, 139625, 143107, 143108, 143109, 144812, 146610 and two each 158R and 1611J.....

MACHINE BASE

19219	22309	Bed Frame Cushion (leather) (4)
158C	22309	Bed Frame Cushion Screw (8).....
19220	22309	Bed Frame Cushion Spring (4).....
19226	22309	Bed Frame Hinge Connection (2)
19398	-----	Bed Frame Hinge Connection 19226 with 211E and 19397 (2).....
19397	22309	Bed Frame Hinge Connection Cap (2).....
211E	22309	Bed Frame Hinge Connection Cap Screw (2)
16555	22309	Bed Frame Hinge Plate (2).....
14010	22309	Bed Frame Hinge Plate Rivet (6)
20067	22309	Bed Frame with two each 16555, 19398, four each 19219, 19220, six each 14010, wood screws 1-1/4" No. 12 and eight 158C

THREAD UNWINDER

FOR TWO SPOOLS OR TWO LARGE CONES OF THREAD

No.	Plate	Name
228764	24037	Spool Pin (2)
228766	24037	Spool Rest with 201254C.....
150203	24037	Spool Rest Cushion (felt) (2)
228767	24037	Spool Rest Rod
201254C	24037	Spool Rest Set Screw
228768	24037	Spool Stand
228769	24037	Thread Guide (2)
228770	24037	Thread Guide Holder
228774	24037	Thread Guide Rod.....
228776	24037	Thread Unwinder complete, Nos. 228766, 228767, 228768, 228770, 228774, two each 150203, 228764, 228769 and three wood screws 7/8" No. 12.....
27739	24037	Thread Cone (wood) for large cones
225390	24037	Thread Cone Holder for inverted cones.....
NOTE: Nos. 27739 and 225390 are used with but not included in 228776.		

NUMERICAL LIST OF PARTS

No.	Plate.	Name
144E	24030	Arm Shaft (horizontal) Screw.....
145E	24030	Gear Case (lower) Screw for 144790
157R	24035	Feed Lifting Rock Shaft Crank Clamping Screw for 52265
157J	24035	Feed Rock Shaft Crank Clamping Screw for 144789
158C	22309	Machine Base Bed Frame Cushion Screw for 20067.....
158R	24035	Knee Lifter Bell Crank Bracket Screw for 144854 and 144855.....
191C	24033	Knife Bar Crank Set Screw for 24431
211E	22309	Machine Base Bed Frame Hinge Connection Cap Screw for 19398
223J	24033	Knife Screw for 52108
223C	24034	Slack Thread Regulator Set Screw for 52338
226J	24032	Face Plate Thread Guard (lower) Screw for 144841.....
226J	24032	Face Plate Thread Guard (upper) Screw for 144841
228J	24033	Knife Bar Lifting Spring Guide Bracket Screw for 144848.....
313C	24035	Feed Bar Screw Center for 56813
356C	22338	Knee Lifter Rock Shaft Knee Arm Hub Set Screw for 2766.....
356C	22338	Knee Lifter Rock Shaft Knee Arm Plate Set Screw for 2767
356C	22338	Knee Lifter Rock Shaft Lifting Bracket Hook Set Screw for 6337
356C	22338	Knee Lifter Rock Shaft Lifting Bracket Set Screw for 6337
435AL	24034	Thread Take-up Lever Link Hinge Stud Set Screw
443AL	24032	Thread Take-up Spring Regulator Set Screw
448AL	24034	Presser Bar Lifter Hinge Stud Set Screw..
448AL	24035	Knee Lifter Lifting Lever Pin Set Screw for 143107.....
453AL	24034	Presser Bar Guide Bracket Set Screw for 52338.....
578D	24032	Throat Plate Cutting Bar Screw for 127036 and 127040
578D	24032	Throat Plate Slide Adjusting Screw for 127036 and 127040.....
591F	24034	Rotating Hook Bobbin Case Tension Regulating Screw for 52236.....
592E	24034	Rotating Hook Bobbin Case Latch Stop Screw for 52237.....
620AL	24033	Knife Adjusting Screw for 52108
624AL	24032	Thread Retainer Set Screw.....
647C	24033	Knife Bar Driving Crank Bracket Screw ...
691AL	24032	Throat Plate Screw.....
704C	24035	Feed Bar Body Screw for 143187.....

No.	Plate	Name
704J	24035	Rotating Hook Bobbin Case Holder Position Bracket Screw.....
725X	24032	Bed Slide Spring Screw for 12432.....
766E	24034	Knee Lifter Lifting Lever Link Hinge Screw for 144854 and 144855.....
775E	24034	Needle Bar Connecting Link Cap Screw for 144853.....
802X	24035	Knee Lifter Lifting Lever Hinge Screw for 144854 and 144855.....
858AL	24030	Arm Shaft (horizontal) Counterbalance Set Screw for 127315.....
868E	24030	Arm Screw (left).....
1036AL	24030	Feed Eccentric Body Set Screw for 143035..
1036AL	24030	Thread Take-up Crank Position Screw for 144883.....
1037AL	24030	Thread Take-up Crank Set Screw for 144883
1053E	24034	Rotating Hook Thread Guard Screw for 144829.....
1065AL	24030	Needle Bar Crank Position Screw for 144883
1133AL	24034	Needle Bar Bushing (lower) Set Screw.....
1162C	24033	Knife Bar Crank Coupling Pin for 24432....
1253AL	24034	Rotating Hook Set Screw for 144828.....
1259AL	24030	Arm Shaft (upright) Bevel Gear (lower) Set Screw for 143014.....
1259AL	24030	Arm Shaft (upright) Bevel Gear (upper) Set Screw for 143015.....
1259AL	24030	Feed Lifting Eccentric Set Screw for 143036
1259AL	24035	Rotating Hook Shaft Bevel Gear Set Screw for 144798.....
1367E	24034	Rotating Hook Section Screw for 144830....
1375AL	24030	Feed Eccentric Body Position Screw for 143035.....
1380E	24034	Rotating Hook Bobbin Case Tension Spring Screw for 52236.....
1509E	-----	Knee Lifter Rock Shaft Knee Arm Lock Nut for 2765.....
1513J	24035	Feed Lifting Rock Shaft Screw Center Nut for 52097.....
1513J	24035	Feed Rock Shaft Screw Center Nut for 52097
1518J	24030	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut.....
1518J	24030	Feed Rock Shaft Connecting Rod Hinge Screw.....
1519J	24035	Feed Bar Screw Center Nut for 56813.....
1560C	24032	Tension Regulating Thumb Nut for 52098...
1564J	24033	Knife Bar Crank Coupling Pin Head for 24432.....
1607C	24035	Feed Bar Adjusting Screw Lock Nut for 143185.....
1611J	24035	Knee Lifter Lifting Lever Connecting Rod Nut for 144854 and 144855.....
1611J	24035	Knee Lifter Lifting Lever Connecting Rod Nut Lock Nut for 144854 and 144855.....
2022	24033	Knife Bar Crank Pin for 127029.....

No.	Plate	Name
2062	24034	Presser Bar Lifter.....
2102	23253	Bobbin Winder Tension Disc for 225462....
2102	24032	Tension Disc for 52397
2103	24032	Tension Spring for 52397.....
2291	24033	Knife Screw Washer for 52108.....
2297	24033	Knife Bar Crank Coupling Pin Spring for 24432
2301	24033	Knife Bar Stop Pin for 144842
2763	22338	Knee Lifter Rock Shaft for 139633.....
2765	22338	Knee Lifter Rock Shaft Knee Arm with 1509E for 2768.....
2766	22338	Knee Lifter Rock Shaft Knee Arm Hub with 356C, for 2768.....
2767	22338	Knee Lifter Rock Shaft Knee Arm Plate with 356C, for 2768
2768	-----	Knee Lifter Rock Shaft Knee Arm complete, for 139624 and 139625, Nos. 2765, 2766 and 2767
2770	22338	Knee Lifter Rock Shaft Stop Dog with 140219C, for 139633.....
2974	24034	Rotating Hook Bobbin Case Latch Lever Fulcrum Pin for 40393.....
2975	24034	Rotating Hook Bobbin Case Latch Spring for 52237
4307	24032	Bed Slide Spring for 12432
5729	24032	Throat Plate Body for 127036 and 127040 ..
6337	22338	Knee Lifter Rock Shaft Lifting Bracket with two 356C, for 139633
7539	22338	Knee Lifter Rock Shaft Hanger with two wood screws 1" No. 10 F.H., for 139625
8582	24030	Arm Dowel Pin
8879	24032	Arm Spool Pin Washer (cloth)
8908	24012	Wrench for 1519 (accessories)
8909	24012	Wrench for 1513 and 1518 (accessories)...
11119	24030	Arm Oil Tube with 52045, for oiling Needle Bar Crank (eccentric) Sleeve, for 144835
11170	24034	Presser Bar Spring Washer.....
12241	24034	Knee Lifter Lifting Lever Link for 144854 and 144855
12242	22338	Knee Lifter Rock Shaft Hanger (front) with two wood screws 1" No. 10 F.H., for 139624.....
12327	24034	Presser Bar Lifting and Releasing Lever Bracket
12329	24032	Tension Releasing Lever Spring
12361	-----	Machine Hinge Connection (accessories)...
12391	24034	Presser Bar (hollow).....
12398	24032	Tension Releasing Lever Hinge Pin
12431	24032	Bed Slide for 12432.....
12432	24032	Bed Slide complete, Nos. 4307, 12431 and two 725X.....
13710	23253	Bobbin Winder Tension Spring for 225462..
14010	22309	Machine Base Bed Frame Hinge Plate Rivet for 20067

No.	Plate	Name
15486	24034	Presser Bar Lifter Hinge Stud.....
16555	22309	Machine Base Bed Frame Hinge Plate for 20067
16564	24033	Knife Bar Driving Crank Bracket for 127029.
16586	24035	Knee Lifter Lifting Lever Pin for 144854 and 144855
19219	22309	Machine Base Bed Frame Cushion (leather) for 20067
19220	22309	Machine Base Bed Frame Cushion Spring for 20067
19226	22309	Machine Base Bed Frame Hinge Connection for 19398
19397	22309	Machine Base Bed Frame Hinge Connection Cap for 19398
19398	-----	Machine Base Bed Frame Hinge Connection 19226 with 211E and 19397, for 20067
20067	22309	Machine Base Bed Frame with two each 16555, 19398, four each 19219, 19220, six each 14010, wood screws 1-1/4" No. 12 and eight 158C
24109	24033	Knife Holder Handle for 144848
24431	24033	Knife Bar Crank with 191C, for 24432
24432	-----	Knife Bar Crank complete, for 127029, Nos. 1162C, 1564J, 2297 and 24431
26026	24012	Screw Driver (large) accessories
26485	24012	Screw Driver (small) accessories
27739	24037	Thread Unwinder Thread Cone (wood) for large cones
NOTE: No. 27739 is used with but not included in 228776.		
32572	24032	Tension Releasing Disc for 52397
32574	24032	Tension Releasing Pin for 52397
40264	24034	Rotating Hook Bobbin
40274	24034	Rotating Hook Section for 144830
40392	24034	Rotating Hook Bobbin Case Latch for 40393 .
40393	24034	Rotating Hook Bobbin Case Hinge, Nos. 2974, 40392 and 125320, for 52237
40394	24034	Rotating Hook Bobbin Case Tension Spring for 52236
41400	24012	Machine Rest Pin, 4" long (wood) accessories
43944	24032	Tension Releasing Lever
50117AL	24032	Feed Dog Screw
50117AL	24033	Knife Holder Handle Screw for 144848
50117AL	24033	Knife Holder Screw for 144848
50156AL	24030	Oil Tube Bracket Screw
50191C	24035	Feed Lifting Rock Shaft Screw Center for 52097
50191C	24035	Feed Rock Shaft Screw Center for 52097
50304C	24032	Tension Stud for 52098
50305C	24032	Tension Stud Set Screw for 52083
50373W	24034	Pressure Regulating Thumb Screw
50608R	24030	Arm Hole Plug Screw (back of arm)
50668E	24030	Gear Case (upper) Screw (long) for 144791 .

NUMERICAL LIST OF PARTS

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No.	Plate	Name
50669E	24030	Gear Case (upper) Screw (short) for 144791.....
50684W	24030	Arm Side Cover Thumb Screw.....
51220AL	24035	Feed Bar Adjusting Screw for 143185.....
51283AL	24031	Machine Pulley Set Screw for 143363.....
51369R	24031	Arm Top Cover Screw.....
51714W	24032	Face Plate Thumb Nut.....
52018	24035	Rotating Hook Bobbin Case Holder Position Bracket.....
52021	24034	Thread Take-up Crank for 144853.....
52023	24034	Thread Take-up Lever Hinge Stud for 144808.....
52045	24030	Arm Oil Tube Packing (cotton) for 11119...
52053	24032	Face Plate Thread Guard (lower) for 144841.....
52083	24032	Thread Take-up Spring Regulator with 50305C, for 52397.....
52097	-----	Feed Lifting Rock Shaft Screw Center 50191C with 1513J.....
52097	-----	Feed Rock Shaft Screw Center 50191C with 1513J.....
52098	-----	Tension Stud 50304C with 1560C, for 52397..
52108	24033	Knife Holder with 620AL, 2291 and two 223J, for 144848.....
52111	24034	Needle Bar Bushing (upper).....
52115	24034	Slack Thread Regulator.....
52130	24034	Thread Take-up Lever Thread Eyelet Bushing for 144807.....
52131	-----	Throat Plate Cutting Bar for 1/16" to 1/4" Trimming margin, for 127040.....
NOTE: When ordering No. 52131, state required distance of trimmed edge from seam. When ordering state trimming margin required.		
52170	24032	Face Plate Thread Guard (upper) for 144841.....
52184	-----	Arm Top Cover Oil Tube Packing (wick) for 144777 and 144778.....
52207	24034	Needle Bar Connecting Link Lubricating Pad (wood) for 127231.....
52235	24034	Rotating Hook Bobbin Case for 52236.....
52236	-----	Rotating Hook Bobbin Case 52235 with 591F, 1380E and 40394, for 52237.....
52237	24034	Rotating Hook Bobbin Case complete, for 144832, Nos. 592E, 2975, 40393 and 52236.
52239	24032	Arm Spool Pin and Thread Eyelet.....
52263	24030	Arm Shaft (horizontal) Bushing (center) Oil Pad (felt) for 144758.....
52265	24035	Feed Lifting Rock Shaft Crank with 157R and 52267, for 144784.....
52266	24035	Feed Lifting Rock Shaft Crank Slide Block for 52267.....
52267	-----	Feed Lifting Rock Shaft Crank Slide Block 52266 with 125060, for 52265.....
52280	24030	Arm Shaft (upright) Bushing (lower) Oil Pad (felt) for 144767.....
52280	24030	Arm Shaft (upright) Bushing (upper) Oil Pad (felt) for 144770.....

No.	Plate	Name
52280	24035	Rotating Hook Shaft Bushing (back) Oil Pad (felt) for 144800.....
52280	24035	Rotating Hook Shaft Bushing (front) Oil Pad (felt) for 144803
52289	24030	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (felt) for 144761
52289	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (felt) for 144839.....
52338	24034	Presser Bar Guide Bracket with 223C and 453AL
52394	24032	Thread Take-up Spring for 52397.....
52397	24032	Tension complete, Nos. 2103, 32572, 32574, 52083, 52098, 52394 and two 2102
52454	24032	Thread Retainer.....
54897	24030	Arm Oil Cup (ball type) for oiling Arm Shaft (horizontal) Back Bearing.....
56006	24030	Arm Oil Cup (spring lid) Oil Pad.....
56015	24030	Oil Tube for 144793.....
56813	-----	Feed Bar Screw Center 313C with 1519J ...
64519	24031	Arm Top Cover Stitch Regulator Plunger Spring for 144779 and 144780
68350	24030	Arm Oil Cup (spring lid) for oiling Arm Shaft (horizontal) front Bearing.....
120342	24012	Oiler (copper plated) with 120343 Accessories
120343	24012	Oiler Spout, 3-1/2" long for 120342
121356	24034	Finger Guard
121588	24036	Grease Gun (1/2 lb. capacity) for fitting No. 142005
125060	24035	Feed Lifting Rock Shaft Crank Slide Block Stud for 52267
125320	24034	Rotating Hook Bobbin Case Latch Lever for 40393
127026	24033	Knife (narrow)
127027	24033	Knife (wide)
127028	24033	Knife Bar Driving Crank (forked) for 127029
127029	24033	Knife Bar Driving Crank Bracket complete, Nos. 2022, 16564, 24432 and 127028
*127032	-----	Needle Bar Crank (eccentric) Sleeve for 144884
127033	24034	Presser Foot for 1/16" to 11/64" trim, in steps of 1/64"
	NOTE;	No. 127033, 1/8" trim is sent with this machine unless other trims are specified on order.
127034	24034	Presser Foot for 3/16" trim to 1/2" trim, in steps of 1/64"
	NOTE:	No. 127034, 3/16" trim, is sent with this machine unless other trims are specified on order.
127035	24032	Throat Plate Slide for 127036 and 127040...

No.	Plate	Name
127036	24032	Throat Plate (small needle hole) complete, for 1/16" to 1/4" trim, in steps of 1/64" for 127025, Nos. 5729, 127035, 142032 and three 578D.....
		NOTE: No. 127036. 1/8" Trimming margin is sent with this machine unless another margin is specified on order, When ordering state size of trim required and state required distance of trimmed edge from seam.
127040	-----	Throat Plate (large needle hole) complete for 1/16" to 1/4" trim, in steps of 1/64" for 127025, Nos. 5729, 52131, 127035 and three 578D
		NOTE: When ordering No. 127040, state required distance of trimmed edge from seam and state size of trim required.
127108	24034	Presser Bar Spring
127135	24034	Needle Bar (hollow) with 140239AL, for 127137
127136	24034	Needle Bar Thread Guide for 127137
127137	-----	Needle Bar (hollow) 127135 with 127136
127231	24034	Needle Bar Connecting Link with 52207, for 144819
127279	24034	Needle Bar Bushing (lower)
127312	22338	Knee Lifter Rock Shaft Hanger (back) with two wood screws 1" No. 10 F.H., for 139624
127315	24030	Arm Shaft (horizontal) Counterbalance with 858AL, for 144885
139623	22338	Knee Lifter Rock Shaft Lifting Bracket Hook for 139633
139624	22338	Knee Lifter Rock Shaft complete, for 144854, Nos. 2768, 12242, 127312 and 139633
139625	22338	Knee Lifter Rock Shaft complete, for 144855, Nos. 2768, 139633 and two 7539 ..
139633	-----	Knee Lifter Rock Shaft 2763 with 2770, 6337 and 139623, for 139624 and 139625
140184E	24030	Gear Case (lower) Plug Screw for 144790...
140184E	24030	Gear Case (upper) Plug Screw for 144791...
140219C	22338	Knee Lifter Rock Shaft Stop Dog Set Screw for 2770
140230C	24030	Feed Lifting Rock Shaft Connecting Rod Hinge Screw
140230C	24030	Feed Rock Connecting Rod Hinge Screw
140232J	24030	Oil Wick Holder Screw
140239AL	24034	Needle Set Screw for 127135
140256AL	24030	Feed Eccentric Stop Screw (7 stitch)
		NOTE: No. 140256AL is regularly furnished with this machine.
140257AL	24030	Feed Eccentric Stop Screw (5-1/2 stitch) ...
140258AL	24030	Feed Eccentric Stop Screw (14 stitch)
140261AL	24035	Rotating Hook Shaft Bushing (back) Set Screw
140261AL	24035	Rotating Hook Shaft Bushing (front) Set Screw

NUMERICAL LIST OF PARTS

No.	Plate	Name
140296AL	24030	Arm Shaft (horizontal) Bushing (center) Set Screw.....
140297AL	24030	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw
140298AL	24030	Arm Shaft (upright) Bushing (lower) Set Screw.....
140298AL	24030	Arm Shaft (upright) Bushing (upper) Set Screw.....
140317X	24031	Arm Top Cover Stitch Regulator Plunger Hole Plug Screw for plugging the Plunger hole when the Plunger is removed to prevent tampering with the Stitch Set
	NOTE:	No. 140317X is not regularly furnished with this machine.
140331AL	24030	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.....
140332E	24030	Arm Screw (right).....
140333AL	24030	Feed Lifting Eccentric Position Screw for 143036
140373AL	24032	Face Plate Thumb Nut Screw Stud.....
140390AL	24034	Presser Foot Screw
140549E	24030	Stitch Regulator Locking Slide Spring Screw for 143134.....
140659AL	24030	Needle Bar Crank Position Screw Clamping Screw for 144883.....
140706C	24034	Needle Bar Connecting Stud Clamping Screw for 143057.....
142005	24030	Gear Case (lower) Alemite Fitting for 144790
142005	24030	Gear Case (upper) Alemite Fitting for 144791
142008	24035	Rotating Hook Shaft Bushing (front) Oil Cup
142032	24032	Throat Plate Cutting Bar for 1/16" to 1/4" Trimming margin, for 127036
	NOTE:	No. 142032, 3/16" Trimming margin is sent with this Machine unless another margin is specified on order. When ordering state Trimming margin required and state required distance of trimmed edge from seam.
143014	24030	Arm Shaft (upright) Bevel Gear (lower) right hand spiral with two 1259AL.....
143015	24030	Arm Shaft (upright) Bevel Gear (upper) left hand spiral with two 1259AL, for 144827
143030	24035	Feed Bar.....
	NOTE:	No. 143030 is regularly furnished with this Machine.
143035	----	Feed Eccentric Body with 1375AL and two 1036AL, for 147126.....
	NOTE:	No. 147035 is not supplied separately, when required order No. 147126,
143036	24030	Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear (right hand spiral) with 1259AL, 140333AL and 143088, for 144827

No.	Plate	Name
143057	24034	Needle Bar Connecting Stud with 140706C, for 144819.....
143058	24034	Needle Bar Connecting Stud Slide Block for 144853.....
143085	24030	Stitch Regulator for 143134.....
143086	24030	Stitch Regulator Locking Slide for 143134...
143087	24030	Stitch Regulator Locking Slide Ratchet Wheel for 144827.....
143088	-----	Stitch Regulator Locking Slide Ratchet Wheel Pin for 143036.....
143096	24034	Thread Take-up Lever Link for 144808.....
143097	24034	Thread Take-up Lever Link Hinge Stud for 144852.....
143104	24035	Knee Lifter Bell Crank Hinge Pin for 144812
143107	24035	Knee Lifter Lifting Lever with 448AL for 144854 and 144855.....
143108	24035	Knee Lifter Lifting Lever Connecting Rod for 144854 and 144855.....
143109	24035	Knee Lifter Lifting Lever Connecting Rod Swivel for 144854 and 144855.....
143134	-----	Stitch Regulator 143085 with 140549E, 143086 and 143378, for 144827.....
143135	24032	Thread Guard (side of arm).....
143185	24035	Feed Bar Body with two each 1607C and 51220AL, for 143187.....
143186	24035	Feed Bar Shank for 143187.....
143187	24035	Feed Bar (tilting, adjustable) complete, Nos. 704C, 143185 and 143186.....
143197	24030	Oil Wick for oiling Thread Take-up Lever, Needle Bar Connecting Link Thread Take-up Link and Thread Take-up Lever Hinge Bearing for 144818.....
143244	24031	Arm Top Cover Spool Pin with Spool Rest, 3-1/2" long, for 144780.....
143346	24036	Rotating Hook Bobbin Case Holder for 144830.....
143363	24031	Machine Pulley (disc power) "V" belt groove (outside diam. of belt groove 2.9") with two 51283AL.....
143376	24031	Arm Top Cover Stitch Regulator Plunger for 144779 and 144780.....
143377	24031	Arm Top Cover Stitch Regulator Plunger Retainer for 144779 and 144780.....
143378	24030	Stitch Regulator Locking Slide Spring for 143134.....
143385	24034	Presser Bar Bushing (lower).....
144752	24030	Arm Oil Tube for oiling Oil Wick Holder complete for 144835.....
144753	24030	Arm Oil Tube for oiling Arm Shaft (upright) Bearing (lower) for 144835.....
144754	24030	Arm Oil Tube for oiling Rotating Hook Shaft (back) Bearing for 144835.....
144758	24030	Arm Shaft (horizontal) Bushing (center) with 52263 and 144759.....

No.	Plate	Name
144759	24030	Arm Shaft (horizontal) Bushing (center) Oil Wick, for 144758.....
144761	24030	Arm Shaft (horizontal) Flanged Bushing (back) with 52289 and 144762
144762	24030	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad Wick for 144761
144765	24030	Arm Shaft (upright)
144767	24030	Arm Shaft (upright) Bushing (lower) with 52280 and 144768
144768	24030	Arm Shaft (upright) Bushing (lower) Oil Wick (braided cotton) for 144767
144768	24030	Arm Shaft (upright) Bushing (upper) Oil Wick (braided cotton) for 144770
144770	24030	Arm Shaft (upright) Bushing (upper) with 52280 and 144768
144771	24030	Arm Side Cover (front)
144773	24031	Arm Top Cover with 144777 and 144778, for 144779
144775	24031	Arm Top Cover with 144777 and 144778, for 144780
144776	24031	Arm Top Cover Gasket (cork).....
144777	24031	Arm Top Cover Oil Tube (long) with 52184, for oiling Feed Lifting Rock Shaft Connecting Rod for 144773 and 144775 ...
144778	24031	Arm Top Cover Oil Tube (short) with 52184 for oiling Feed Rock Shaft Connect- ing Rod for 144773 and 144775
144779	24031	Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 143376, 143377 and 144773
		NOTE: No. 144779 is regularly furnished with this Machine.
144780	24031	Arm Top cover with Stitch Regulator Plunger complete, when a longer spool pin is required, Nos. 64519, 143244, 143376, 143377 and 144775
*144781	-----	Bed
		NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
144783	24035	Feed Lifting Rock Shaft for 144784
144784	-----	Feed Lifting Rock Shaft complete, Nos. 52265 and 144783
144785	24030	Feed Lifting Rock Shaft Connecting Rod for 144827
144786	24035	Feed Rock Shaft for 144787
144787	-----	Feed Rock Shaft complete, Nos. 144786 and 144789
144788	24030	Feed Rock Shaft Connecting Rod for 144827.
144789	24035	Feed Rock Shaft Crank with 157J, for 144787
144790	24030	Gear Case (lower) (two pieces) with 140184E, 142005 and three 145E

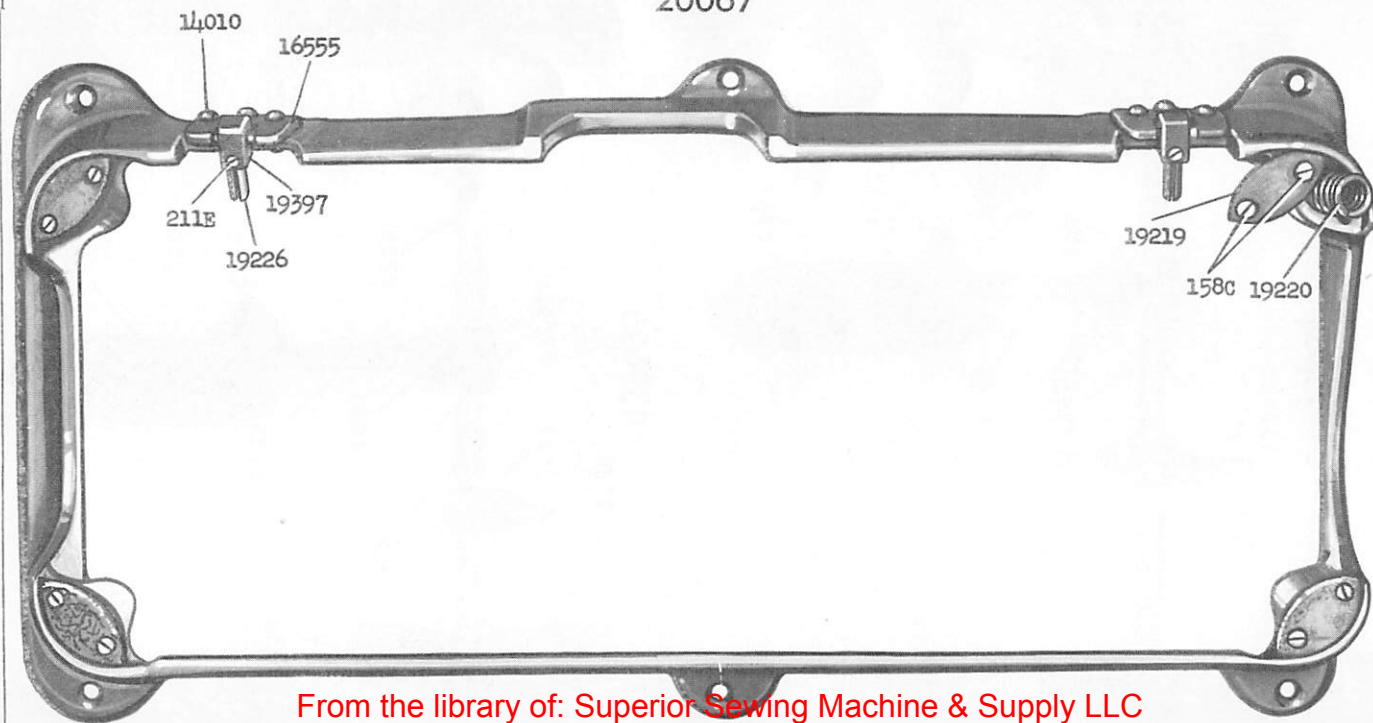
No.	Plate	Name
144791	24030	Gear Case (upper) (two pieces) with 50668E, 50669E, 140184E and 142005.....
144793	24030	Oil Tube Bracket with 56015, for oiling Arm Shaft (upright) Bearing (upper).....
144796	24030	Oil Wick Holder Cap for 144818
144797	24035	Rotating Hook Shaft
144798	24035	Rotating Hook Shaft Bevel Gear (left hand spiral) with two 1259AL.....
144800	24035	Rotating Hook Shaft Bushing (back) with 52280 and 144801
144801	24035	Rotating Hook Shaft Bushing (back) Oil Wick (braided cotton) for 144800
144801	24035	Rotating Hook Shaft Bushing (front) Oil Wick (braided cotton) for 144803
144803	24035	Rotating Hook Shaft Bushing (front) with 144801 and two 52280.....
144807	-----	Thread Take-up Lever with 52130, for 144808.....
144808	-----	Thread Take-up Lever complete, for 144852, Nos. 52023, 143096 and 144807
144809	24023	Drip Pan with four 1" wire nails.....
144810	24035	Knee Lifter Bell Crank for 144812.....
144811	24035	Knee Lifter Bell Crank Bracket for 144812
144812	-----	Knee Lifter Bell Crank complete, for 144854 and 144855, Nos. 143104, 144810 and 144811.....
144818	24030	Oil Wick Holder complete, Nos. 144796 and two 143197
144819	-----	Needle Bar Connecting Link 127231 with 143057, for 144853.....
144827	-----	Combination of Feed and Stitch Regulator Parts Nos. 143015, 143036, 143087, 143134, 144785, 144788 and 147126.....
144828	24034	Rotating Hook with three 1253AL, for 144829.....
144829	-----	Rotating Hook 144828 with 270083 and four 1053E, for 144830
144830	-----	Rotating Hook 144829 with 40274, 143346 and three 1367E, for 144832
144832	24034	Rotating Hook 144830 with 52237.....
144833	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Wick for 144839
144834	24030	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad Retainer for 144839
*144835	-----	Arm with 11119, 144752, 144753 and 144754 . NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
144836	24030	Arm Shaft (horizontal) for 144885
144839	24030	Arm Shaft (horizontal) Flanged Bushing (front) with 144833, 144834 and two 52289, for 144885.....
144840	24032	Face Plate for 144841.....

No.	Plate	Name
144841	24032	Face Plate complete, Nos. 52053, 52170, 144840 and two 226J.....
144842	24033	Knife Bar with 2301, for 144848.....
144843	24033	Knife Bar Lifting Spring
144844	24033	Knife Bar Lifting Spring Case
144846	24033	Knife Bar Lifting Spring Guide Bracket, for 144849.....
144847	24033	Knife Bar Lifting Spring Guide Pin, for 144849.....
144848	-----	Knife Bar complete, Nos. 228J, 24109, 52108, 144842, 144849 and three 50117AL ..
144849	24033	Knife Bar Lifting Spring Guide with 144846 and 144847, for 144848.....
144852	-----	Thread Take-up complete, Nos. 143097, 144808 and 144853
144853	-----	Thread Take-up Crank 52021 with 775E, 143058 and 144819, for 144852
144854	-----	Knee Lifter complete, for Power Table, Nos. 766E, 802X, 12241, 16586, 139624, 143107, 143108, 143109, 144812, 146610 and two each 158R and 1611J.....
144855	-----	Knee Lifter complete, for Foot Power and Individual Motor Stand, Nos. 766E, 802X, 12241, 16586, 139625, 143107, 143108, 143109, 144812, 146610 and two each 158R and 1611J.....
144883	-----	Needle Bar Crank (eccentric) with 1036AL, 1037AL, 1065AL and 140659AL, for 144884
144884	24030	Needle Bar Crank (eccentric) 144883 with 127032, for 144885.....
144885	-----	Arm Shaft (horizontal) 144836 with 144839, 144884 and two 127315.....
146610	24035	Knee Lifter Lifting Lever Spring for 144854 and 144855.....
147125	-----	Feed Eccentric for 147126.....
		NOTE: No. 147125 is not supplied separately, when required order No. 147126.
147126	24030	Feed Eccentric 147125 with 143035, for 144827.....
149025	24032	Feed Dog, 9 teeth (12 teeth to the inch) for 127036 and 127040
150203	24037	Thread Unwinder Spool Rest Cushion (felt) for 228776
160907	-----	Grease Gun (5 oz. capacity) for fitting No. 142005.....
200056E	23253	Bobbin Winder Stop Latch Screw for 259431 and 259462.....
200082D	23253	Bobbin Winder Tension Bracket Screw for 259431 and 259462
200113F	23253	Bobbin Winder Brake Clamp Screw for 259431 and 259462
200299	23253	Bobbin Winder Stop Latch Trip Lever Hinge Screw for 259431 and 259462.....

No.	Plate	Name
200380C	23253	Bobbin Winder Pulley Set Screw for 225368 and 259461.....
201254C	24037	Thread Unwinder Spool Rest Set Screw for 228766.....
201499X	23253	Bobbin Winder Tension Stud for 225461....
201572X	23253	Bobbin Winder Tension Stud Thumb Nut for 225462.....
202277	23253	Bobbin Winder Frame Oil Packing (wick) for 225453.....
202478	23253	Bobbin Winder Stop Latch Trip Lever for 259431 and 259462.....
225368	23253	Bobbin Winder Pulley with 200380C, for 259431.....
225381	23253	Bobbin Winder Spindle for 259431 and 259462.....
225390	24037	Thread Unwinder Thread Cone Holder for inverted cones.....
NOTE: No. 225390 is used with but not included in 228776.		
225444	23253	Bobbin Winder Stop Latch for 259431 and 259462.....
225453	23253	Bobbin Winder Frame with 202277 and 259660, for 259431 and 259462.....
225454	23253	Bobbin Winder Frame Hinge Pin for 259431 and 259462.....
225455	23253	Bobbin Winder Frame Spring for 259431 and 259462.....
225456	23253	Bobbin Winder Frame Spring Plunger for 259431 and 259462.....
225458	23253	Bobbin Winder Stop Latch Thumb Lever for 259431 and 259462.....
225459	23253	Bobbin Winder Stop Latch Thumb Lever Hinge Stud for 259431 and 259462.....
225459	23253	Bobbin Winder Stop Latch Thumb Lever Joint Stud for 259431 and 259462.....
225461	23253	Bobbin Winder Tension Bracket with 201499X, for 225462.....
225462	23253	Bobbin Winder Tension Bracket complete, for 259431 and 259462, Nos. 13710, 201572X, 225461 and two 2102.....
228026	23253	Bobbin Winder Tension Bracket Screw Washer for 259431 and 259462.....
228764	24037	Thread Unwinder Spool Pin for 228776....
228766	24037	Thread Unwinder Spool Rest with 201254C, for 228776.....
228767	24037	Thread Unwinder Spool Rest Rod for 228776.....
228768	24037	Thread Unwinder Spool Stand for 228776...
228769	24037	Thread Unwinder Thread Guide for 228776.
228770	24037	Thread Unwinder Thread Guide Holder for 228776.....
228774	24037	Thread Unwinder Thread Guide Rod for 228776.....

No.	Plate	Name
228776	24037	Thread Unwinder complete for two spools or two large cones of thread, Nos. 228766, 228767, 228768, 228770, 228774, two each 150203, 228764, 228769 and three wood screws 7/8" No. 12.....
259428	23253	Bobbin Winder Brake (leather) for 259431 and 259462.....
259429	23253	Bobbin Winder Brake Clamp for 259431 and 259462
259430	23253	Bobbin Winder and Tension Bracket Base for 259431
259431	23253	Bobbin Winder (swinging automatic, right hand) complete, for round belt, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225368, 225381, 225444, 225453, 225454, 225455, 225456, 225458, 225462, 228026, 259428, 259429, 259430 and two each 225459 and wood screws 3/4" No. 12 R. H. B.
259461	23253	Bobbin Winder Pulley with 200380C, for 259462
259462	23253	Bobbin Winder (swinging automatic, right hand) complete, for power table, for "V" belt, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225381, 225444, 225453, 225454, 225455, 225456, 225458, 225462, 228026, 259428, 259429, 259461, 259662 and two each 225459 and wood screws 3/4" No. 12 R. H.
259660	23253	Bobbin Winder Frame Oil Well Washer for 225453
259662	23253	Bobbin Winder and Tension Bracket Base for 259462.....
270083	24034	Rotating Hook Thread Guard for 144829....

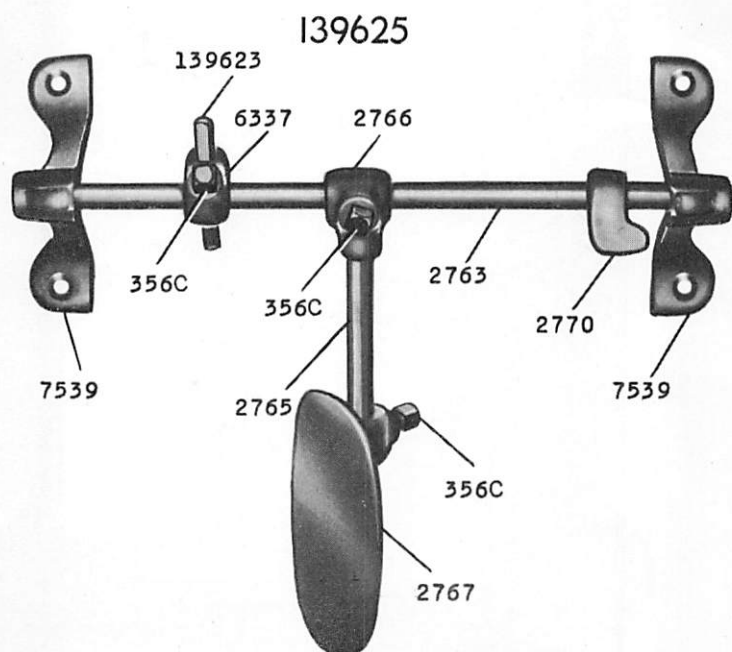
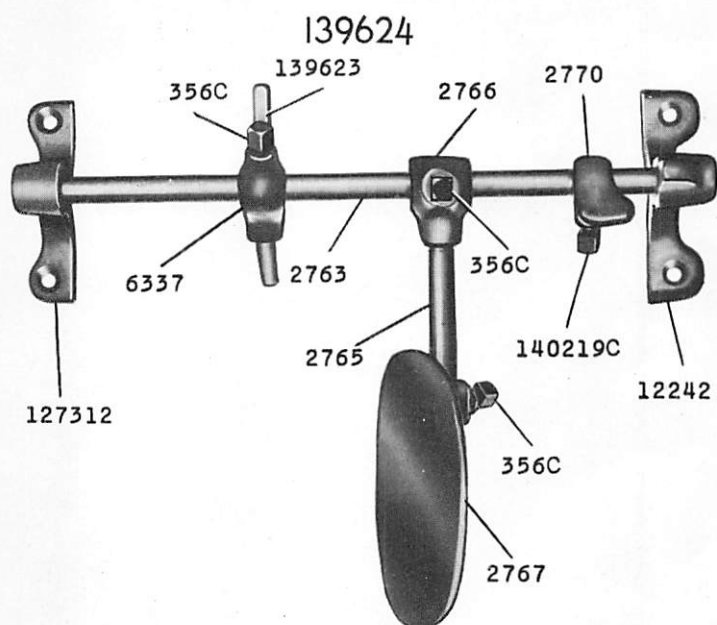
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22338 - 1/3



259431

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202478

225444

200056E

200299B

225381

225454

225458

259429

259428

200113F

225368

202277

200380C

225453

259660

225456

225455

259430

228026

200082D

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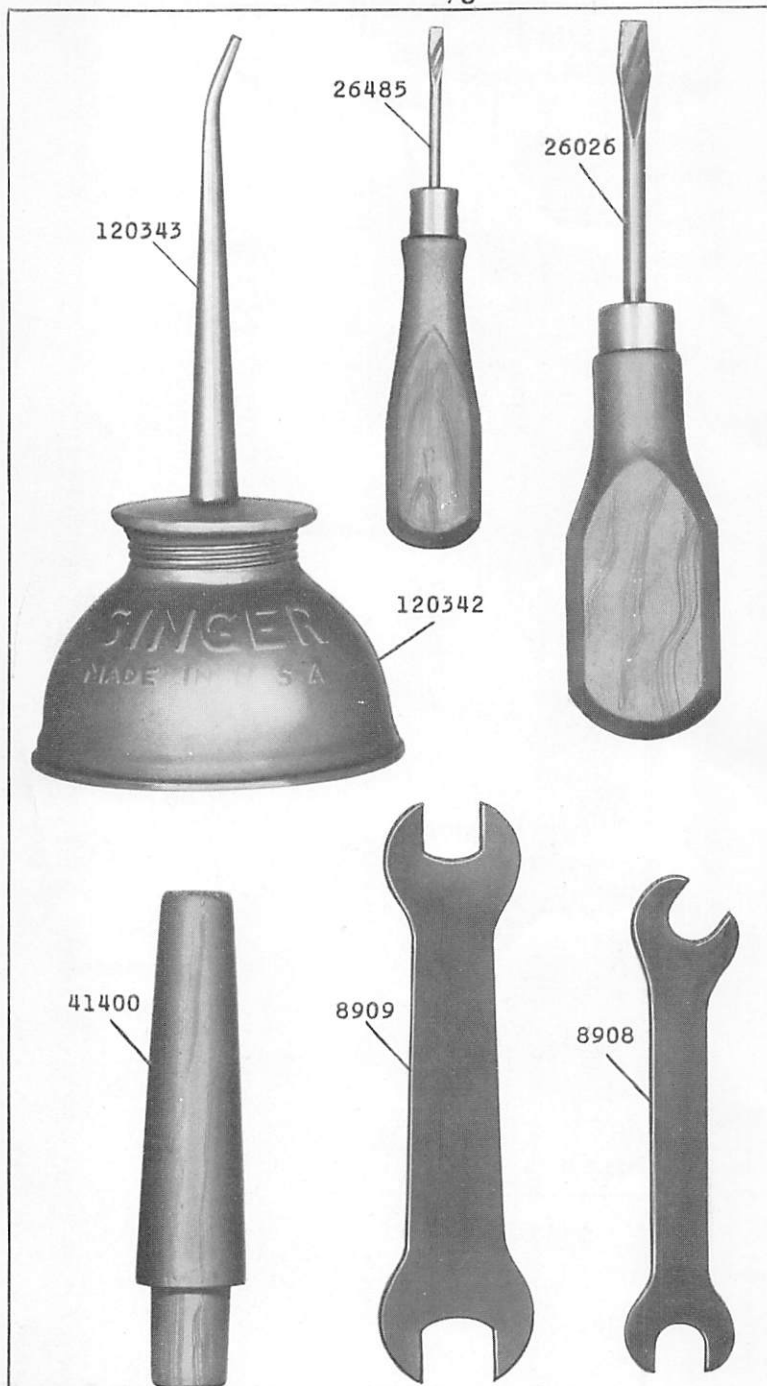
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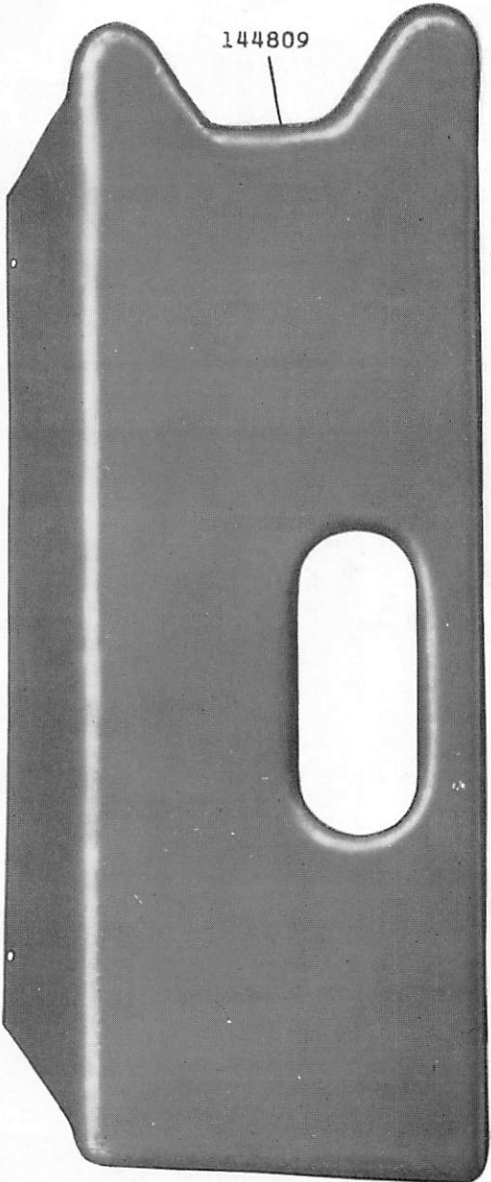
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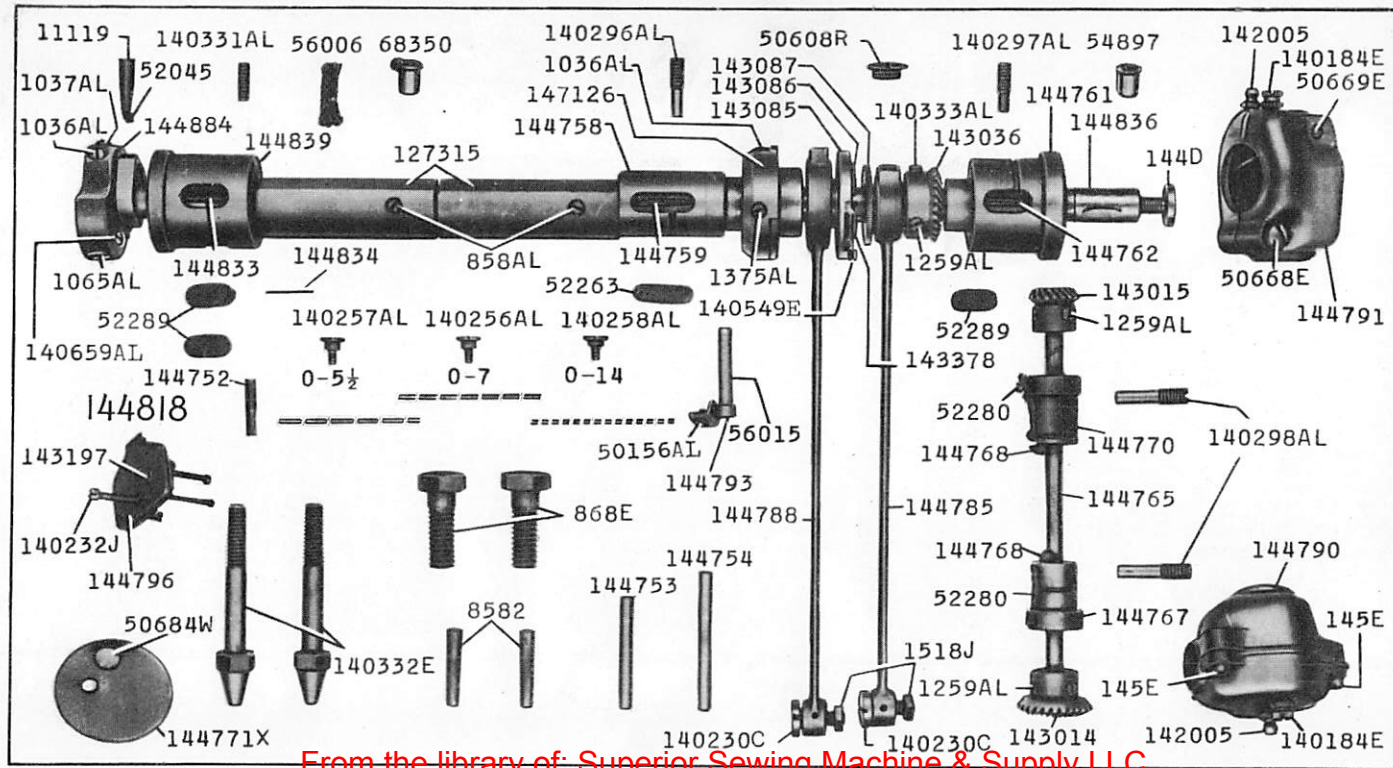
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24023 - 1/3

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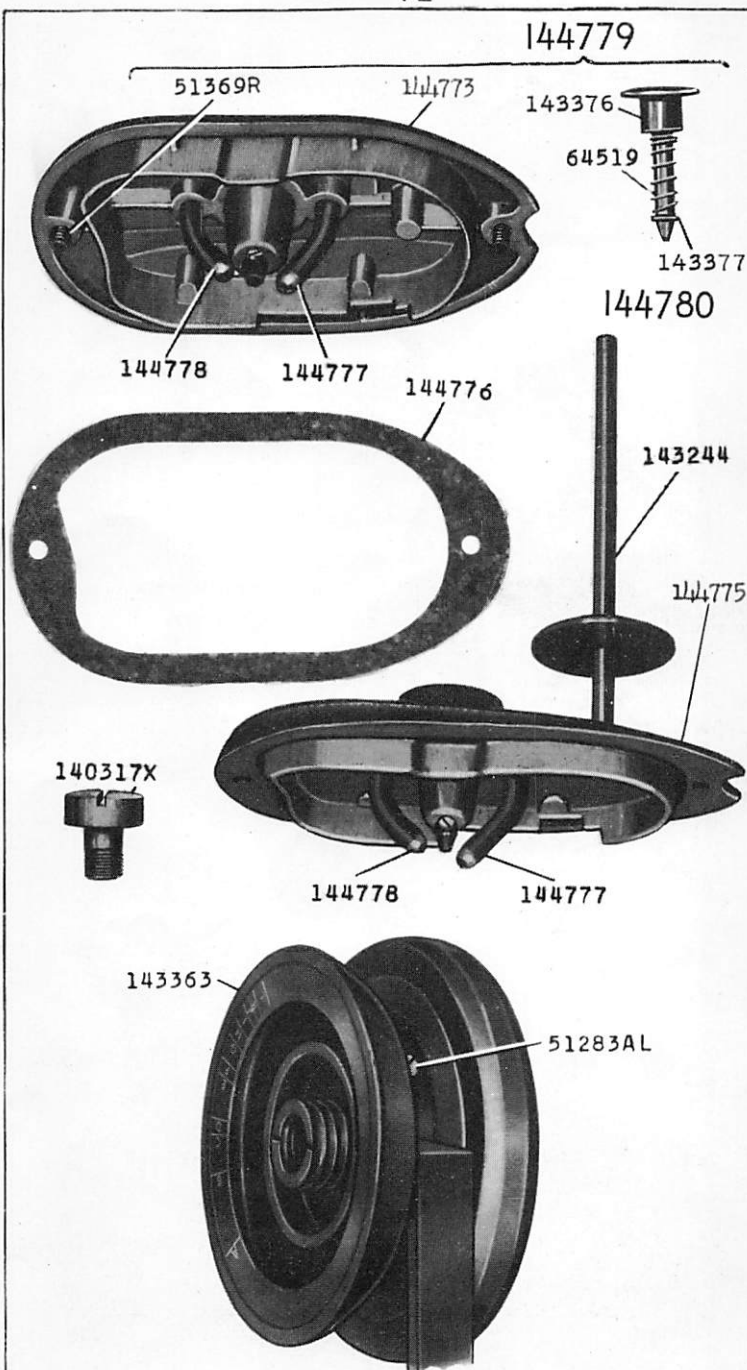


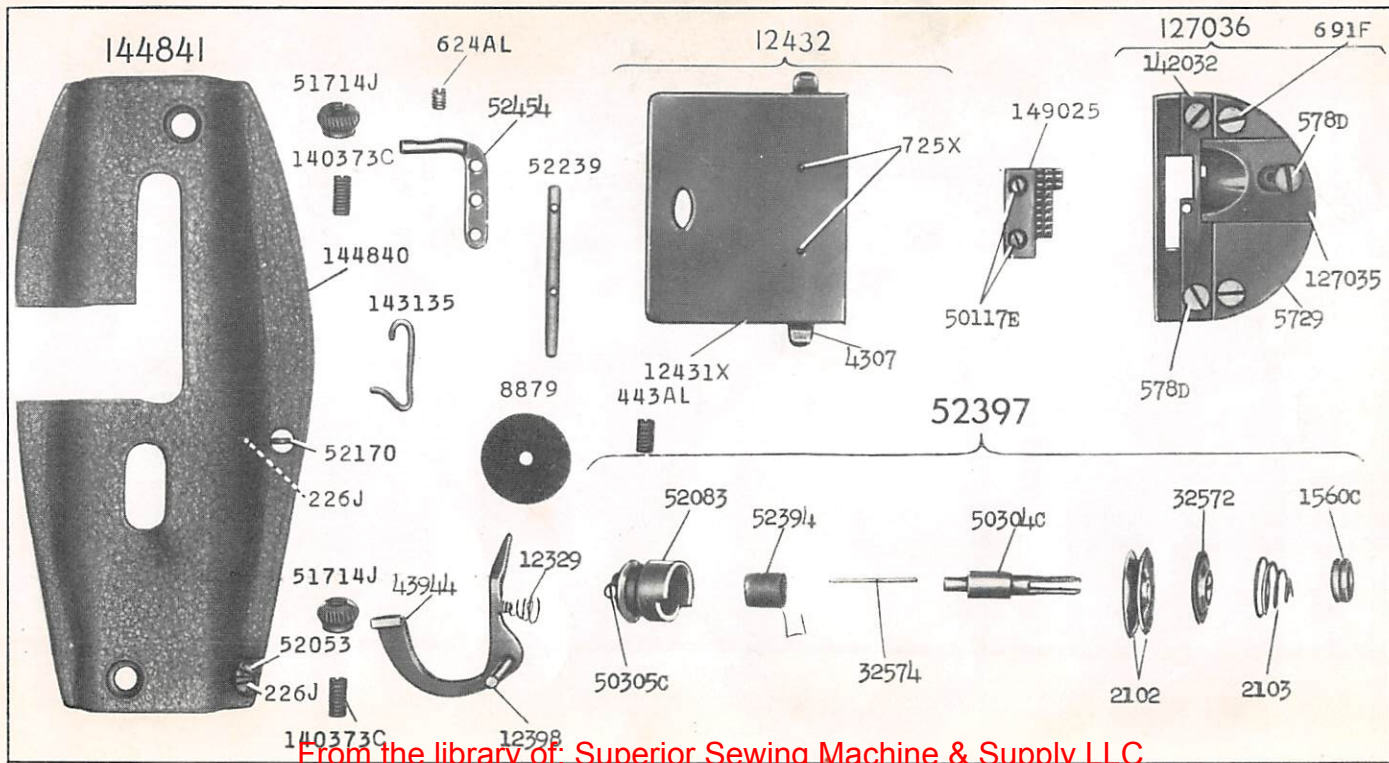


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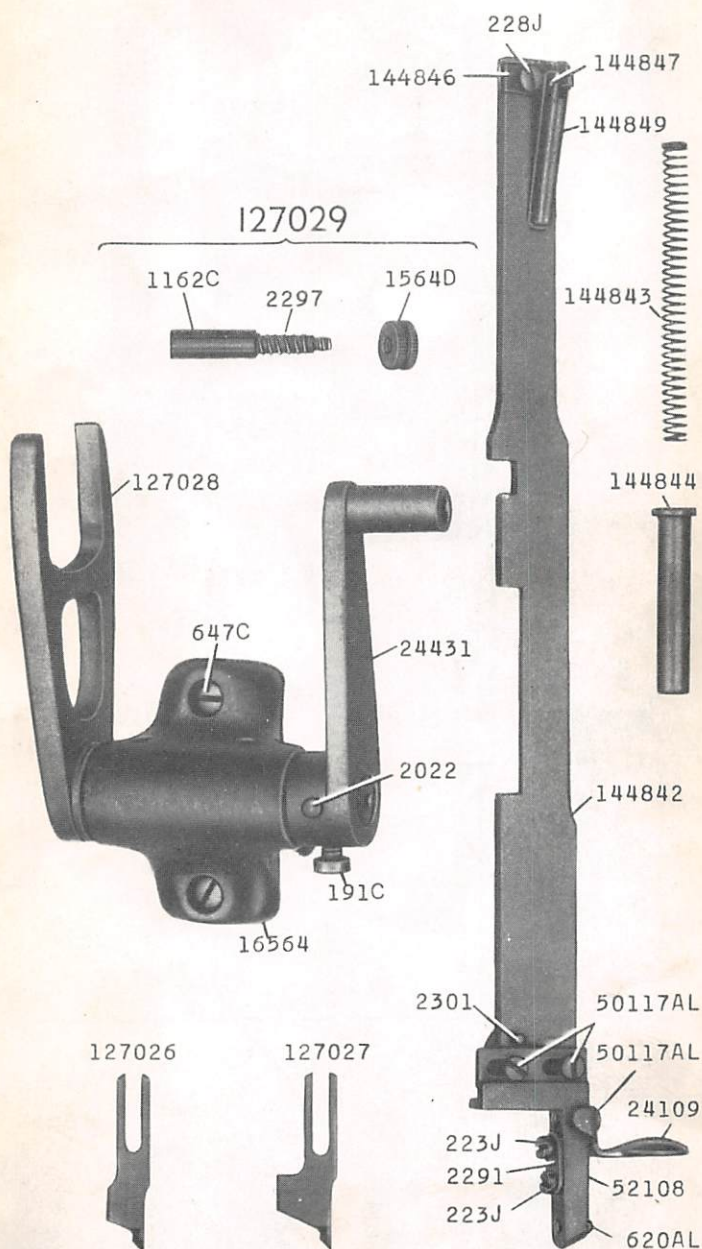




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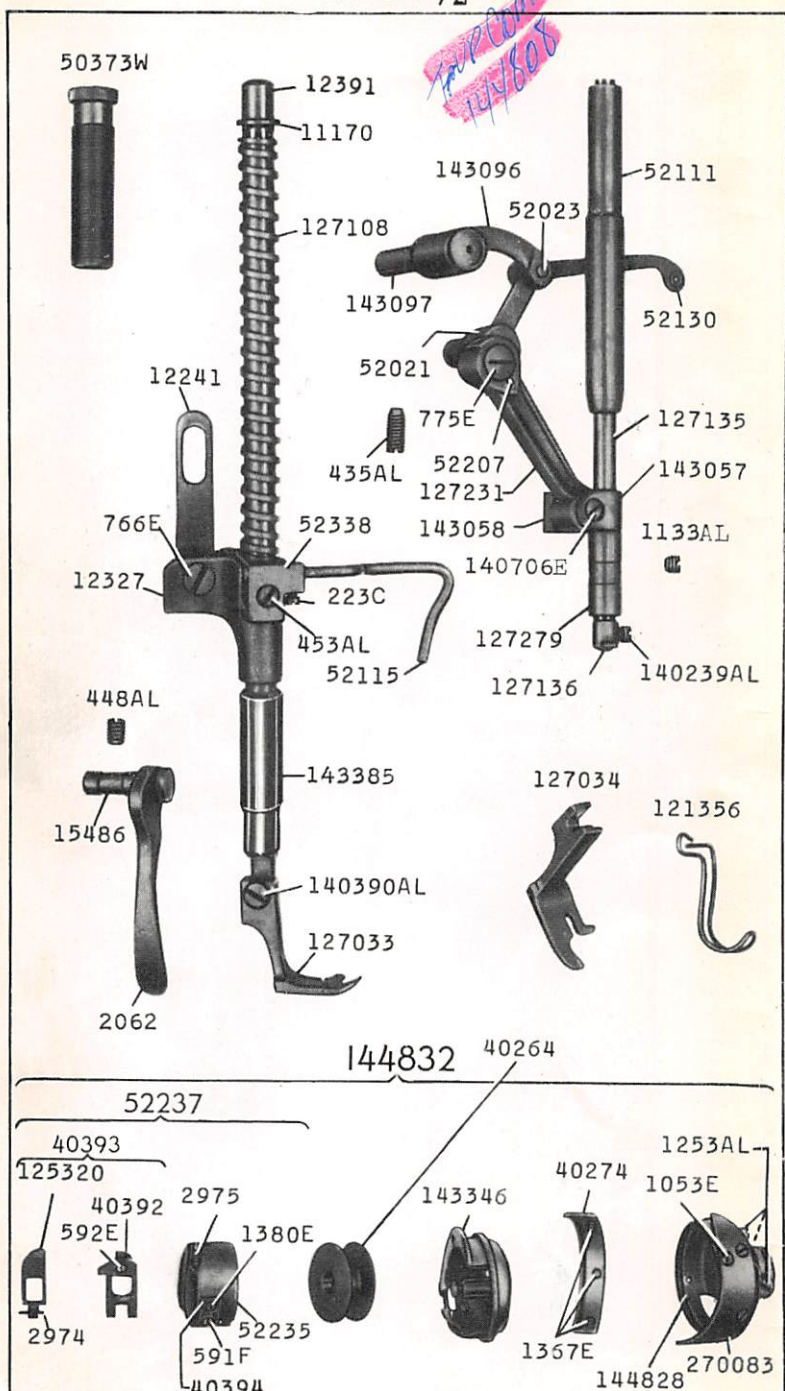
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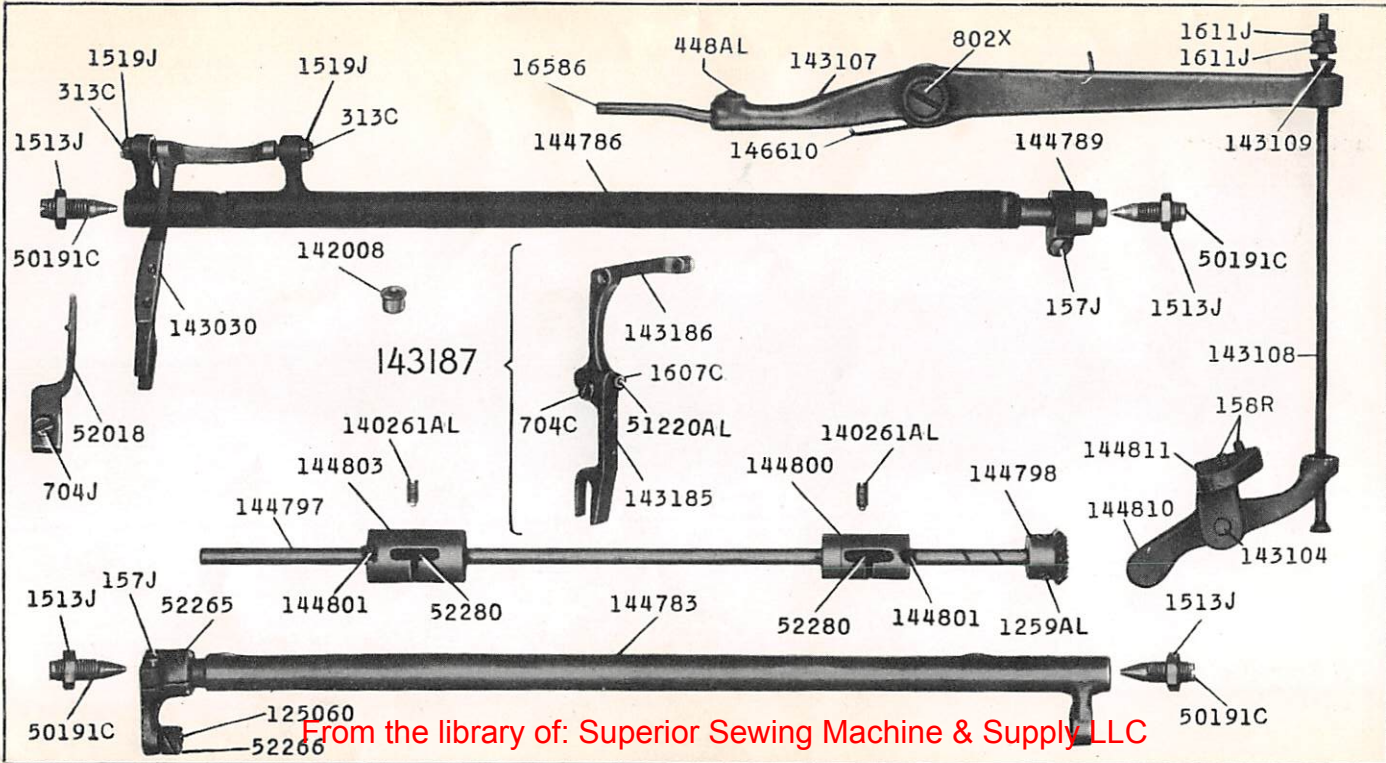
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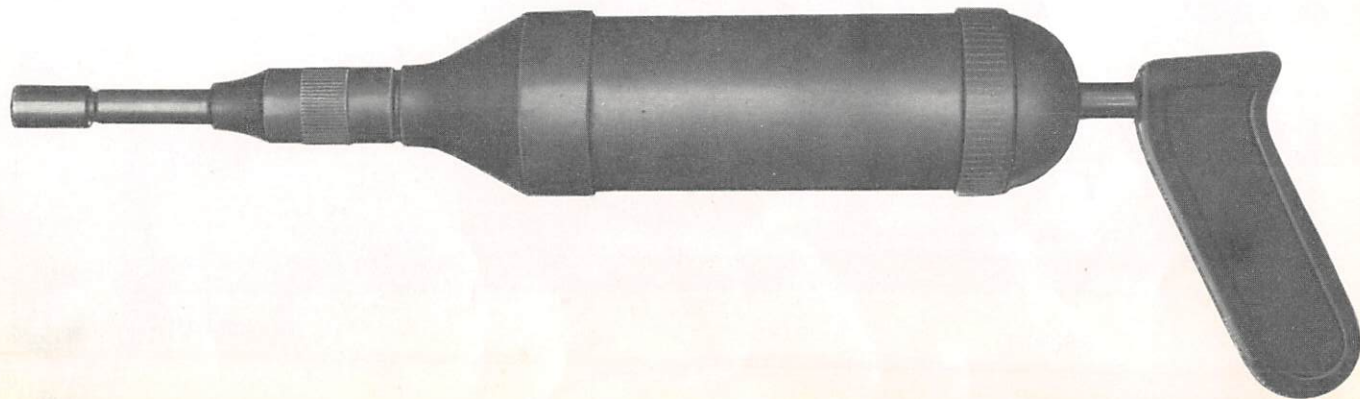
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228776

