

# LIST OF PARTS



MACHINES  
Nos. 96-81 and 96-84

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THE SINGER MANUFACTURING COMPANY

## INSTRUCTIONS FOR OILING

Use only Singer "Oil For High Speed Sewing Machines (Cloth and Leather)" for general use, or "Stainless Oil For High Speed Sewing Machines" where a stainless oil is desired.

Oil should be applied to all oil holes and bearings of the machine at least four times a day. Keep all wicking saturated with oil.

The upper and lower gears of the upright arm shaft should be greased with Singer Gear Lubricant every 160 hours of operation, using an Alemite-Zerk grease gun.

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# INSTRUCTIONS FOR ORDERING

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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
- B-Polished, Nickel Plated and Buffed
- C-Hardened Only
- C.R-Hardened and Merlized
- D-Polished Only
- E-Soft, Not Polished
- F-Hardened and Polished
- F.J-Hardened, Polished and Nickel Plated
- G-Bright Rumbled and Nickel Plated
- H-Blued
- J-Nickel Plated Only
- K-Hardened and Nickel Plated
- L-Brass Plated
- M-Oxidized
- N-Japanned, Dull
- P-Japanned, Bright
- P.P-Wrinkle Finish
- R-Merlized
- S-Cadmium Plated
- T-Copper Plated
- T.A-Hardened, Polished, Copper and Nickel Plated and Buffed
- T.B-Copper and Nickel Plated and Polished
- T.J-Copper and Nickel Plated Only
- T.K-Hardened, Copper and Nickel Plated
- T.L-Copper and Brass Plated
- T.M-Copper Plated and Oxidized
- U-Zinc Plated
- V-Silver Plated
- W-Polished and Nickel Plated
- X-Black Oxide, for Iron and Steel
- X.C-Hardened and Black Oxide, for Iron or Steel
- Y-Black Nickel Plated Only
- Z-Chromium Plated
- Z.A-Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
- Z.B-Polished, Nickel Plated, Buffed and Chromium Plated
- Z.C-Hardened and Chromium Plated
- Z.D-Polished and Chromium Plated
- Z.G-Bright Rumbled, Bright Rumbled and Chromium Plated
- Z.J-Nickel and Chromium Plated
- Z.T-Copper and Chromium Plated

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

In this series:

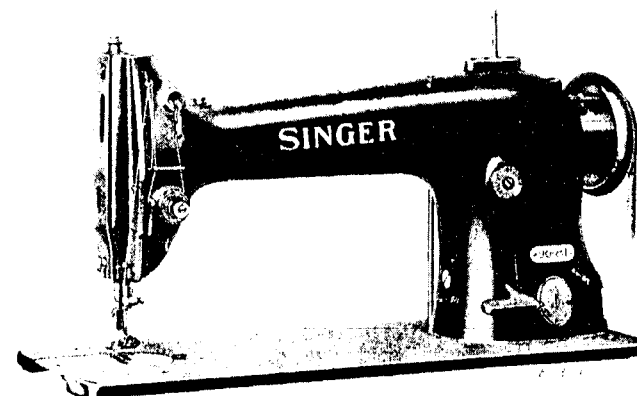
- 1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers
- 1501 to 1800 and 51501 to 51800 are Nut Numbers
- 1801 to 2000 and 51801 to 52000 are Roller Numbers
- 2001 to 50000 and 52001 to 140000 and 142001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

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

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

## LIST OF PARTS COMPLETE

FOR



## MACHINE No. 96-81

For Medium and Heavy Weight Clothing and Other Work in Cloth. Has reversible feed mechanism. Maximum stitch  $5 \frac{1}{2}$  to the inch. Drop feed. Presser bar lift  $\frac{5}{16}$  inch. The Machine is fitted with heavy gear shafts and three plain bearings for the arm shaft. The gears are lubricated with grease instead of oil. The grease is applied with a Alemite Zerk hand pressure gun. Speed up to 3500 R. P. M., according to the material being stitched.

| No.                                                                                                                                                 | Plate | Name                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|
| *127275                                                                                                                                             | ----- | Arm with 15404 and two each 15405 and 56015.....        |
| 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. |       |                                                         |
| 16532                                                                                                                                               | 22249 | Arm Dowel Pin.....                                      |
| 52183                                                                                                                                               | 22249 | " Oil Tube with 52184, for oiling 52024 and 127156..... |
| 52180                                                                                                                                               | 22249 | Arm Oil Tube (long) with 52184, for oiling 52022.....   |
| 52185                                                                                                                                               | 22249 | Arm Oil Tube (short) with 42367, for oiling 52022.....  |

| No.     | Plate | Name                                                                                     |
|---------|-------|------------------------------------------------------------------------------------------|
| 52182   | 22249 | Arm Oil Tube with 52184, for oiling 127231.....                                          |
| 127187  | 22249 | Arm Oil Tube (bent) with 42367, for oiling 127152.....                                   |
| 52254   | 22249 | Arm Oil Tube for oiling 52262.....                                                       |
| 56015   | 22249 | " " " " " 142006.....                                                                    |
| 42367   | 22249 | " " " Packing (braided cotton) for 52185 and 127187.....                                 |
| 52184   | 22249 | Arm Oil Tube Packing (wick) for 52180, 52182 and 52183.....                              |
| 52290   | 22249 | Arm Oil Tube Plug.....                                                                   |
| 116E    | 22249 | " Screw (back).....                                                                      |
| 854E    | 22249 | " " (front).....                                                                         |
| 127265  | 22250 | " Shaft (horizontal).....                                                                |
| 127266  | ----- | " " " 127265 with 52196 and 127253.....                                                  |
| 54897   | 22249 | Arm Shaft (horizontal) Back Bearing Oil Cup.....                                         |
| 127072  | 22250 | Arm Shaft (horizontal) Bevel Gear with two 1036C.....                                    |
| 142003  | 22250 | Arm Shaft (horizontal) Bevel Gear Case (two pieces) with 51068R, 140184E and 142005..... |
| 142005  | 22250 | Arm Shaft (horizontal) Bevel Gear Case Alemite Fitting.....                              |
| 140184E | 22250 | Arm Shaft (horizontal) Bevel Gear Case Plug Screw.....                                   |
| 51068R  | 22250 | Arm Shaft (horizontal) Bevel Gear Case Screw.....                                        |
| 1036C   | 22250 | Arm Shaft (horizontal) Bevel Gear Set Screw.....                                         |
| 52260   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) with 52193 and 52289.....                  |
| 52193   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (inside) braided cotton.....       |
| 52289   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (outside) felt.....                |
| 448C    | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Set Screw.....                             |
| 52196   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) with 52193 and 52198.....                 |
| 52193   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (inside) braided cotton.....      |
| 52198   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (outside) felt.....               |
| 435C    | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.....                            |
| 68350   | 22249 | Arm Shaft (horizontal) Front Bearing Oil Cup.....                                        |

| No.     | Plate | Name                                                                             |
|---------|-------|----------------------------------------------------------------------------------|
| 52262   | 22250 | Arm Shaft (horizontal) Intermediate Bushing with 52193 and 52263.....            |
| 52193   | 22250 | Arm Shaft (horizontal) Intermediate Bushing Oil Pad (inside) braided cotton..... |
| 52263   | 22250 | Arm Shaft (horizontal) Intermediate Bushing Oil Pad (outside) felt.....          |
| 423C    | 22250 | Arm Shaft (horizontal) Intermediate Bushing Set Screw.....                       |
| 144D    | 22250 | Arm Shaft (horizontal) Screw.....                                                |
| 142006  | 22250 | " " (upright).....                                                               |
| 52281   | 22250 | " " " Bevel Gear (lower) with two 1259C.....                                     |
| 1259C   | 22250 | Arm Shaft (upright) Bevel Gear (lower) Set Screw.....                            |
| 52282   | 22250 | Arm Shaft (upright) Bevel Gear (upper) with two 1259C.....                       |
| 1259C   | 22250 | Arm Shaft (upright) Bevel Gear (upper) Set Screw.....                            |
| 52276   | 22250 | Arm Shaft (upright) Bushing (lower) with 52279 and 52280.....                    |
| 433C    | 22250 | Arm Shaft (upright) Bushing (lower) Set Screw.....                               |
| 52278   | 22250 | Arm Shaft (upright) Bushing (upper) with 52279 and 52280.....                    |
| 443C    | 22250 | Arm Shaft (upright) Bushing (upper) Set Screw.....                               |
| 52280   | 22250 | Arm Shaft (upright) Bushing Oil Pad (outside) felt.....                          |
| 52279   | 22250 | Arm Shaft (upright) Bushing Oil Wick (inside) braided cotton.....                |
| 127146  | 22979 | Arm Side Cap.....                                                                |
| 219J    | 22979 | " " " Screw.....                                                                 |
| 127079  | 22249 | " " Cover.....                                                                   |
| 50053J  | 22249 | " " " Thumb Screw.....                                                           |
| 52239   | 22249 | " Spool Pin and Thread Eyelet.....                                               |
| 8879    | 22249 | " " " Washer (cloth).....                                                        |
| 127192  | 22249 | " Top Cover.....                                                                 |
| 127193  | ----- | " " " 127192 with 52183, 52239, 127187 and 127255.....                           |
| 127255  | 22249 | Arm Top Cover Positioning Disc.....                                              |
| 158J    | 22249 | " " " Screw.....                                                                 |
| 52176   | 22250 | Balance Wheel (power, disc) 2 3/16 in. pulley, with two 448C.....                |
| 448C    | 22250 | Balance Wheel Set Screw.....                                                     |
| *127270 | ----- | 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.

| No.                                                                                            | Plate | Name                                                                        |
|------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------|
| 12431                                                                                          | 22976 | Bed Slide.....                                                              |
| 4307                                                                                           | 22976 | " " Spring.....                                                             |
| 725J                                                                                           | 22976 | " " " Screw.....                                                            |
| 12432                                                                                          | 22976 | Bed Slide complete, Nos. 4307, 12431 and two 725J.....                      |
| 52051                                                                                          | 22976 | Face Plate.....                                                             |
| 176J                                                                                           | 22976 | " " Screw.....                                                              |
| 52053                                                                                          | 22976 | " " Thread Guard (lower).....                                               |
| 226J                                                                                           | 22976 | " " " " " Screw...                                                          |
| 52170                                                                                          | 22976 | " " " " " (upper).....                                                      |
| 226J                                                                                           | 22976 | " " " " " Screw...                                                          |
| 52052                                                                                          | ----- | Face Plate complete, Nos. 52051, 52053, 52170 and two 226J.....             |
| 50190W                                                                                         | 22976 | Face Plate Thumb Screw.....                                                 |
| 52452                                                                                          | 22979 | Feed Bar.....                                                               |
| 313C                                                                                           | 22979 | " " Screw Center.....                                                       |
| 56813                                                                                          | ----- | " " " " " 313C with 1519J...                                                |
| 1519J                                                                                          | 22979 | " " " " " Nut.....                                                          |
| 52165                                                                                          | 22250 | " Connecting Link.....                                                      |
| 375C                                                                                           | 22250 | " " " " " Hinge Screw.....                                                  |
| 1518J                                                                                          | 22250 | " " " " " Nut....                                                           |
| 52073                                                                                          | 22250 | " " " " " Stud.....                                                         |
| 50083C                                                                                         | 22250 | " " " " " Set Screw                                                         |
| 26603                                                                                          | ----- | " Dog, 20 teeth (16 teeth to the inch) for 20356 and 20357.....             |
| 28360                                                                                          | ----- | Feed Dog, 15 conical teeth (12 teeth to the inch) for 20356 and 20357.....  |
| 121446                                                                                         | 22976 | Feed Dog, 13 spiked teeth (10 teeth to the inch) for 127306 and 127307..... |
| Note: Feed Dog 121446 is sent with this machine unless another Feed Dog is specified on order. |       |                                                                             |
| 50117E                                                                                         | 22976 | Feed Dog Screw.....                                                         |
| 127247                                                                                         | 22250 | Feed and Feed Lifting Eccentric with 448C, 1299C, 52210 and 52211.....      |
| 127248                                                                                         | ----- | Feed and Feed Lifting Eccentric 127247 with 127152.....                     |
| 52210                                                                                          | ----- | Feed and Feed Lifting Eccentric Lubricating Pad (long) wood.....            |
| 52211                                                                                          | ----- | Feed and Feed Lifting Eccentric Lubricating Pad (short) wood.....           |
| 1299C                                                                                          | 22250 | Feed and Feed Lifting Eccentric Position Screw.....                         |
| 448C                                                                                           | 22250 | Feed and Feed Lifting Eccentric Set Screw.....                              |
| 127152                                                                                         | 22250 | Feed and Feed Lifting Eccentric Sleeve..                                    |
| 52407                                                                                          | 22250 | " Forked Connection.....                                                    |
| 52451                                                                                          | ----- | " " " " " 52407 with 375C, 1518J and 52165.....                             |
| 375C                                                                                           | 22250 | Feed Forked Connection Hinge Screw.....                                     |
| 1518J                                                                                          | 22250 | " " " " " Nut..                                                             |

| No.    | Plate | Name                                                        |
|--------|-------|-------------------------------------------------------------|
| 52384  | 22979 | Feed Lifting Rock Shaft.....                                |
| 127269 | ----- | Feed Lifting Rock Shaft complete, Nos. 52265 and 52384..... |
| 127156 | 22250 | Feed Lifting Rock Shaft Connecting Rod with two 966E.....   |
| 966E   | 22250 | Feed Lifting Rock Shaft Connecting Rod Cap Screw.....       |
| 375C   | 22250 | Feed Lifting Rock Shaft Connecting Rod Hinge Screw.....     |
| 1518J  | 22250 | Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut..... |
| 52265  | 22979 | Feed Lifting Rock Shaft Crank with 157J and 52267.....      |
| 157J   | 22979 | Feed Lifting Rock Shaft Crank Clamping Screw.....           |
| 52267  | 22979 | Feed Lifting Rock Shaft Crank Slide Block.....              |
| 50191C | 22979 | Feed Lifting Rock Shaft Screw Center....                    |
| 52097  | ----- | " " " " " " 50191C with 1513J.....                          |
| 1513J  | 22979 | Feed Lifting Rock Shaft Screw Center Nut                    |
| 50338E | 22250 | " Regulating Stud.....                                      |
| 56032  | 22250 | " " " " Head with 56033....                                 |
| 50193J | 22250 | " " " " Cap Screw.....                                      |
| 56033  | 22250 | " " " " Stop Pin.....                                       |
| 56034  | 22250 | " " " " Lock Pin.....                                       |
| 56035  | 22250 | " " " " " Spring....                                        |
| 52408  | 22250 | " Regulator with 50083C.....                                |
| 52411  | ----- | " " 52408 with 52073.....                                   |
| 1128E  | 22250 | " " Hinge Screw.....                                        |
| 52409  | 22250 | " Reverse Lever with 158J and 51846..                       |
| 50339D | 22250 | " " " " Hinge Screw.....                                    |
| 158J   | 22250 | " " " " " Clamping Screw.....                               |
| 52410  | 22250 | Feed Reverse Lever Hinge Screw Friction Washer.....         |
| 51846  | 22250 | Feed Reverse Lever Roller and Stud.....                     |
| 52386  | 22979 | " Rock Shaft.....                                           |
| 29633  | 22979 | " " " Crank with 157J.....                                  |
| 157J   | 22979 | " " " " Clamping Screw....                                  |
| 52387  | ----- | Feed Rock Shaft complete, Nos. 29633 and 52386.....         |
| 50191C | 22979 | Feed Rock Shaft Screw Center.....                           |
| 52097  | ----- | " " " " " 50191C with 1513J.....                            |
| 1513J  | 22979 | Feed Rock Shaft Screw Center Nut.....                       |
| 25866  | 22249 | Guide.....                                                  |
| 50190W | 22249 | " Thumb Screw.....                                          |
| 127088 | 22977 | Needle Bar (hollow).....                                    |
| 127116 | ----- | " " 127088 with 229J, 52306 and 52307.....                  |

| No.     | Plate | Name                                                                           |
|---------|-------|--------------------------------------------------------------------------------|
| 127230  | 22977 | Needle Bar Bushing (lower).....                                                |
| 1133E   | 22977 | " " " " Set Screw....                                                          |
| 52014   | 22977 | " " " " (upper).....                                                           |
| 1133E   | 22977 | " " " " Set Screw....                                                          |
| 127231  | 22977 | " " Connecting Link with 52207...                                              |
| 127232  | ----- | " " " " 127231 with<br>24041.....                                              |
| 775E    | 22977 | Needle Bar Connecting Link Cap Screw....                                       |
| 52207   | ----- | " " " " Lubricating<br>Pad (wood).....                                         |
| 24041   | 22977 | Needle Bar Connecting Stud with 207E....                                       |
| 207E    | 22977 | " " " " Clamping Screw                                                         |
| 127253  | 22250 | " " Crank with 1036C, 1037C and<br>1065C.....                                  |
| 1065C   | 22250 | Needle Bar Crank Position Screw.....                                           |
| 52306   | 22977 | " " Thread Guard.....                                                          |
| 229J    | 22977 | " " " " Screw.....                                                             |
| 52307   | 22977 | " " Clamp with 51460F.....                                                     |
| 51460F  | 22977 | " " " " Screw.....                                                             |
| 127191  | 22249 | Oil Tube with 52184.....                                                       |
| 127091  | 22249 | " " Bracket.....                                                               |
| 127092  | 22249 | " " " " 127091 with 127191, for<br>oiling 52165.....                           |
| 52184   | 22249 | Oil Tube Packing (wick).....                                                   |
| 12391   | 22977 | Presser Bar (hollow).....                                                      |
| 52338   | 22977 | " " Guide Bracket with 223C and<br>453C.....                                   |
| 453C    | 22977 | Presser Bar Guide Bracket Set Screw....                                        |
| 52016   | 22977 | " " Lifter.....                                                                |
| 689C    | 22977 | " " " " Hinge Screw.....                                                       |
| 1520J   | 22977 | " " " " " " Nut.....                                                           |
| 12327   | 22977 | " " " " Lifting and Releasing Lever<br>Bracket.....                            |
| 127108  | 22977 | Presser Bar Spring.....                                                        |
| 11170   | 22977 | " " " " Washer.....                                                            |
| 62527   | 22977 | " " Foot Hinge Pin.....                                                        |
| 52426   | 22977 | " " Plate.....                                                                 |
| 52390   | 22977 | " " Shank.....                                                                 |
| 26231   | 22977 | " " Spring.....                                                                |
| 52427   | 22977 | Presser Foot (spring hinged) complete,<br>Nos. 26231, 52390, 52426 and 62527.. |
| 176J    | 22977 | Presser Foot Screw.....                                                        |
| 686W    | 22977 | Pressure Regulating Thumb Screw.....                                           |
| 127095  | 22977 | Rotating Hook with three 1253C.....                                            |
| 127096  | 22977 | " " 127095 with 127102 and<br>four 1053E.....                                  |
| *127239 | ----- | Rotating Hook 127096 with 40274, 127242<br>and three 1367E.....                |
| 127097  | ----- | Rotating Hook 127096 with 40274 and<br>three 1367E (For agents only).....      |

| No.     | Plate | Name                                                                                        |
|---------|-------|---------------------------------------------------------------------------------------------|
| 127240  | 22977 | Rotating Hook 127239 with 52237.....                                                        |
| 40264   | 22977 | " " Bobbin.....                                                                             |
| 52235   | 22977 | " " " " Case.....                                                                           |
| 52236   | ----- | " " " " 52235 with 591F,<br>1380E and 40394.....                                            |
| 40393   | ----- | Rotating Hook Bobbin Case Hinge, Nos.<br>2974, 40392 and 125320.....                        |
| 40392   | 22977 | Rotating Hook Bobbin Case Latch.....                                                        |
| 125320  | 22977 | " " " " " " Lever...                                                                        |
| 2974    | 22977 | " " " " " " " " Ful-<br>crum Pin.....                                                       |
| 2975    | 22977 | Rotating Hook Bobbin Case Latch Spring..                                                    |
| 592E    | 22977 | " " " " " " Stop Screw                                                                      |
| 591F    | 22977 | " " " " " " Tension Regu-<br>lating Screw.....                                              |
| 40394   | 22977 | Rotating Hook Bobbin Case Tension Spring                                                    |
| 1380E   | 22977 | " " " " " " " "                                                                             |
| 52237   | 22977 | Screw.....                                                                                  |
| 127241  | ----- | Rotating Hook Bobbin Case complete, Nos.<br>592E, 2975, 40393 and 52236.....                |
| 127242  | 22977 | Rotating Hook Bobbin Case 52237 with<br>127242.....                                         |
| 52018   | 22979 | Rotating Hook Bobbin Case Holder.....                                                       |
| 704J    | 22979 | " " " " " " Position<br>Bracket.....                                                        |
| 40274   | 22977 | Rotating Hook Bobbin Case Holder Posi-<br>tion Bracket Screw.....                           |
| 1367E   | 22977 | Rotating Hook Section.....                                                                  |
| 1253C   | 22977 | " " " " Screw.....                                                                          |
| 127292  | 22979 | " " " " Set Screw.....                                                                      |
| 127073  | 22979 | " " " " Shaft.....                                                                          |
| 142004  | 22979 | " " " " Bevel Gear with two<br>1259C.....                                                   |
| 142005  | 22979 | Rotating Hook Shaft Bevel Gear Case (two<br>pieces) with 51068R, 140184E and<br>142005..... |
| 140184E | 22979 | Rotating Hook Shaft Bevel Gear Case Ale-<br>mite Fitting.....                               |
| 51068R  | 22979 | Rotating Hook Shaft Bevel Gear Case Plug<br>Screw.....                                      |
| 1259C   | 22979 | Rotating Hook Shaft Bevel Gear Case<br>Screw.....                                           |
| 52285   | 22979 | Rotating Hook Shaft Bevel Gear Set Screw                                                    |
| 52286   | ----- | " " " " " " Bushing (back).....                                                             |
| 1143C   | 22979 | " " " " " " " " 52285<br>with 52279 and 52280.....                                          |
| 52287   | 22979 | Rotating Hook Shaft Bushing (back) Set<br>Screw.....                                        |
| 52288   | ----- | Rotating Hook Shaft Bushing (front).....                                                    |
|         |       | " " " " " " " " 52287<br>with 52279 and 52280.....                                          |

| No.    | Plate | Name                                                                            |
|--------|-------|---------------------------------------------------------------------------------|
| 142008 | 22979 | Rotating Hook Shaft Bushing (front) Oil Cup.....                                |
| 1148C  | 22979 | Rotating Hook Shaft Bushing (front) Set Screw.....                              |
| 52280  | 22979 | Rotating Hook Shaft Bushing Oil Pad (outside) felt.....                         |
| 52279  | 22979 | Rotating Hook Shaft Bushing Oil Wick (inside) braided cotton.....               |
| 127102 | 22977 | Rotating Hook Thread Guard.....                                                 |
| 1053E  | 22977 | " " " " Screw.....                                                              |
| 52337  | 22977 | Slack Thread Regulator.....                                                     |
| 223C   | 22977 | " " " " Set Screw.....                                                          |
| 2102   | 22976 | Tension Disc.....                                                               |
| 1560C  | 22976 | " Regulating Thumb Nut.....                                                     |
| 32572  | 22976 | " Releasing Disc.....                                                           |
| 43944  | 22976 | " " Lever.....                                                                  |
| 12398  | 22976 | " " " Hinge Pin.....                                                            |
| 12329  | 22976 | " " " Spring.....                                                               |
| 32574  | 22976 | " " Pin.....                                                                    |
| 2103   | 22976 | " Spring.....                                                                   |
| 50304C | 22976 | " Stud.....                                                                     |
| 52098  | ----- | " " 50304C with 1560C.....                                                      |
| 50305C | 22976 | " " Set Screw.....                                                              |
| 52397  | 22976 | Tension complete, Nos. 2103, 32572, 32574, 52083, 52098, 52394 and two 2102.... |
| 52027  | 22976 | Thread Guard (side of arm).....                                                 |
| 52454  | 22976 | " Retainer.....                                                                 |
| 624C   | 22976 | " " Set Screw.....                                                              |
| 52269  | ----- | Thread Take-up complete, Nos. 11204, 52025 and 52270.....                       |
| 52216  | 22977 | Thread Take-up Crank.....                                                       |
| 52270  | ----- | " " " 52216 with 775E and 127232.....                                           |
| 1037C  | 22250 | Thread Take-up Crank Position Screw....                                         |
| 1036C  | 22250 | " " " Set Screw.....                                                            |
| 52022  | 22977 | " " Lever with 52130.....                                                       |
| 52023  | 22977 | " " " Hinge Pin.....                                                            |
| 52024  | 22977 | " " " Link.....                                                                 |
| 11204  | 22977 | " " " " Hinge Pin.....                                                          |
| 435C   | 22977 | " " " " " " Set Screw.....                                                      |
| 52130  | 22977 | Thread Take-up Lever Thread Eyelet Bushing.....                                 |
| 52025  | ----- | Thread Take-up Lever complete, Nos. 52022 to 52024.....                         |
| 52394  | 22976 | Thread Take-up Spring.....                                                      |
| 52083  | 22976 | " " " Regulator with 50305C                                                     |
| 448C   | 22976 | " " " " Set Screw..                                                             |
| 20356  | ----- | Throat Plate, large needle hole, for 26603 and 28360.....                       |

| No.                                                                                                    | Plate | Name                                                      |
|--------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|
| 127306                                                                                                 | 22976 | Throat Plate, large needle hole, for 121446.....          |
| 20357                                                                                                  | ----- | Throat Plate, small needle hole, for 26603 and 28360..... |
| 127307                                                                                                 | ----- | Throat Plate, small needle hole, for 121446.....          |
| Note: Throat Plate 127306 is sent with this machine unless another Throat Plate is specified on order. |       |                                                           |
| 691F                                                                                                   | 22976 | Throat Plate Screw.....                                   |
| 44212                                                                                                  | 22910 | Drip Pan with four 1 in. wire nails....                   |
| *15404                                                                                                 | ----- | Trade Mark.....                                           |
| 15405                                                                                                  | ----- | " " Rivet.....                                            |

## LIST OF PARTS COMPLETE

FOR

## MACHINE No. 96-84

For Heavy Cloth and Other Heavy Materials. Has reversible feed mechanism. Maximum stitch 5 1/2 to the inch. Drop feed. Presser bar lift 7/16 inch. The Machine is fitted with heavy gear shafts and three plain bearings for the arm shaft. The gears are lubricated with grease instead of oil. The grease is applied with Alemite Zerk hand pressure gun. Speed up to 3500 R. P. M., according to the material being stitched.

| No.                                                                                                                                                 | Plate | Name                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------|
| *127275                                                                                                                                             | ----- | Arm with 15404 and two each 15405 and 56015.....        |
| 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. |       |                                                         |
| 16532                                                                                                                                               | 22249 | Arm Dowel Pin.....                                      |
| 52183                                                                                                                                               | 22249 | " Oil Tube with 52184, for oiling 52024 and 127156..... |
| 52180                                                                                                                                               | 22249 | Arm Oil Tube (long) with 52184, for oiling 52022.....   |
| 52185                                                                                                                                               | 22249 | Arm Oil Tube (short) with 42367, for oiling 52022.....  |

| No.     | Plate | Name                                                                                     |
|---------|-------|------------------------------------------------------------------------------------------|
| 52182   | 22249 | Arm Oil Tube with 52184, for oiling 127231.....                                          |
| 127187  | 22249 | Arm Oil Tube (bent) with 42367, for oiling 127152.....                                   |
| 52254   | 22249 | Arm Oil Tube for oiling 52262.....                                                       |
| 56015   | 22249 | " " " " " 142006.....                                                                    |
| 42367   | 22249 | " " " Packing (braided cotton) for 52185 and 127187.....                                 |
| 52184   | 22249 | Arm Oil Tube Packing (wick) for 52180, 52182 and 52183.....                              |
| 52290   | 22249 | Arm Oil Tube Plug.....                                                                   |
| 116E    | 22249 | " Screw (back).....                                                                      |
| 854E    | 22249 | " " (front).....                                                                         |
| 127265  | 22250 | " Shaft (horizontal).....                                                                |
| 127266  | ----- | " " " 127265 with 52196 and 127253.....                                                  |
| 54897   | 22249 | Arm Shaft (horizontal) Back Bearing Oil Cup.....                                         |
| 127072  | 22250 | Arm Shaft (horizontal) Bevel Gear with two 1036C.....                                    |
| 142003  | 22250 | Arm Shaft (horizontal) Bevel Gear Case (two pieces) with 51068R, 140184E and 142005..... |
| 142005  | 22250 | Arm Shaft (horizontal) Bevel Gear Case Alemite Fitting.....                              |
| 140184E | 22250 | Arm Shaft (horizontal) Bevel Gear Case Plug Screw.....                                   |
| 51068R  | 22250 | Arm Shaft (horizontal) Bevel Gear Case Screw.....                                        |
| 1036C   | 22250 | Arm Shaft (horizontal) Bevel Gear Set Screw.....                                         |
| 52260   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) with 52193 and 52289.....                  |
| 52193   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (inside) braided cotton.....       |
| 52289   | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (outside) felt.....                |
| 448C    | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Set Screw.....                             |
| 52196   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) with 52193 and 52198.....                 |
| 52193   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (inside) braided cotton.....      |
| 52198   | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (outside) felt.....               |
| 435C    | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.....                            |
| 68350   | 22249 | Arm Shaft (horizontal) Front Bearing Oil Cup.....                                        |

| No.     | Plate | Name                                                                             |
|---------|-------|----------------------------------------------------------------------------------|
| 52262   | 22250 | Arm Shaft (horizontal) Intermediate Bushing with 52193 and 52263.....            |
| 52193   | 22250 | Arm Shaft (horizontal) Intermediate Bushing Oil Pad (inside) braided cotton..... |
| 52263   | 22250 | Arm Shaft (horizontal) Intermediate Bushing Oil Pad (outside) felt.....          |
| 423C    | 22250 | Arm Shaft (horizontal) Intermediate Bushing Set Screw.....                       |
| 144D    | 22250 | Arm Shaft (horizontal) Screw.....                                                |
| 142006  | 22250 | " " (upright).....                                                               |
| 52281   | 22250 | " " " Bevel Gear (lower) with two 1259C.....                                     |
| 1259C   | 22250 | Arm Shaft (upright) Bevel Gear (lower) Set Screw.....                            |
| 52282   | 22250 | Arm Shaft (upright) Bevel Gear (upper) with two 1259C.....                       |
| 1259C   | 22250 | Arm Shaft (upright) Bevel Gear (upper) Set Screw.....                            |
| 52276   | 22250 | Arm Shaft (upright) Bushing (lower) with 52279 and 52280.....                    |
| 432C    | 22250 | Arm Shaft (upright) Bushing (lower) Set Screw.....                               |
| 52278   | 22250 | Arm Shaft (upright) Bushing (upper) with 52279 and 52280.....                    |
| 443C    | 22250 | Arm Shaft (upright) Bushing (upper) Set Screw.....                               |
| 52280   | 22250 | Arm Shaft (upright) Bushing Oil Pad (outside) felt.....                          |
| 52279   | 22250 | Arm Shaft (upright) Bushing Oil Wick (inside) braided cotton.....                |
| 12480   | 22979 | Arm Side Cap.....                                                                |
| 219J    | 22979 | " " " Screw.....                                                                 |
| 127079  | 22249 | " " Cover.....                                                                   |
| 50053J  | 22249 | " " " Thumb Screw.....                                                           |
| 52239   | 22249 | " Spool Pin and Thread Eyelet.....                                               |
| 8879    | 22249 | " " " Washer (cloth).....                                                        |
| 127192  | 22249 | " Top Cover.....                                                                 |
| 127193  | ----- | " " " 127192 with 52183, 52239, 127187 and 127255.....                           |
| 127255  | 22249 | Arm Top Cover Positioning Disc.....                                              |
| 156J    | 22249 | " " " Screw.....                                                                 |
| 127261  | 22250 | Balance Wheel (power, disc) 2 3/16 in. pulley, with two 448C.....                |
| 448C    | 22250 | Balance Wheel Set Screw.....                                                     |
| *127270 | ----- | 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.

| No.                                                                                            | Plate | Name                                                                        |
|------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------|
| 12431                                                                                          | 22976 | Bed Slide.....                                                              |
| 4307                                                                                           | 22976 | " " Spring.....                                                             |
| 725J                                                                                           | 22976 | " " " Screw.....                                                            |
| 12432                                                                                          | 22976 | Bed Slide complete, Nos. 4307, 12431 and two 725J.....                      |
| 52051                                                                                          | 22976 | Face Plate.....                                                             |
| 176J                                                                                           | 22976 | " " Screw.....                                                              |
| 52053                                                                                          | 22976 | " " Thread Guard (lower).....                                               |
| 226J                                                                                           | 22976 | " " " " " Screw...                                                          |
| 52170                                                                                          | 22976 | " " " " " (upper).....                                                      |
| 226J                                                                                           | 22976 | " " " " " Screw...                                                          |
| 52052                                                                                          | ----- | Face Plate complete, Nos. 52051, 52053, 52170 and two 226J.....             |
| 50190W                                                                                         | 22976 | Face Plate Thumb Screw.....                                                 |
| 52452                                                                                          | 22979 | Feed Bar.....                                                               |
| 313C                                                                                           | 22979 | " " Screw Center.....                                                       |
| 56813                                                                                          | ----- | " " " " 313C with 1519J...                                                  |
| 1519J                                                                                          | 22979 | " " " " Nut.....                                                            |
| 52165                                                                                          | 22250 | " Connecting Link.....                                                      |
| 375C                                                                                           | 22250 | " " " Hinge Screw.....                                                      |
| 1518J                                                                                          | 22250 | " " " " Nut....                                                             |
| 52073                                                                                          | 22250 | " " " " Stud.....                                                           |
| 50083C                                                                                         | 22250 | " " " " Set Screw                                                           |
| 26603                                                                                          | ----- | " Dog, 20 teeth (16 teeth to the inch) for 20356 and 20357.....             |
| 28360                                                                                          | ----- | Feed Dog, 15 conical teeth (12 teeth to the inch) for 20356 and 20357.....  |
| 121446                                                                                         | 22976 | Feed Dog, 13 spiked teeth (10 teeth to the inch) for 127306 and 127307..... |
| Note: Feed Dog 121446 is sent with this machine unless another Feed Dog is specified on order. |       |                                                                             |
| 50117E                                                                                         | 22976 | Feed Dog Screw.....                                                         |
| 127247                                                                                         | 22250 | " and Feed Lifting Eccentric with 448C, 1299C, 52210 and 52211.....         |
| 127248                                                                                         | ----- | Feed and Feed Lifting Eccentric 127247 with 127152.....                     |
| 52210                                                                                          | ----- | Feed and Feed Lifting Eccentric Lubricating Pad (long) wood.....            |
| 52211                                                                                          | ----- | Feed and Feed Lifting Eccentric Lubricating Pad (short) wood.....           |
| 1299C                                                                                          | 22250 | Feed and Feed Lifting Eccentric Positioning Screw.....                      |
| 448C                                                                                           | 22250 | Feed and Feed Lifting Eccentric Set Screw.....                              |
| 127152                                                                                         | 22250 | Feed and Feed Lifting Eccentric Sleeve..                                    |
| 52407                                                                                          | 22250 | " Forked Connection.....                                                    |
| 52451                                                                                          | ----- | " " " 52407 with 375C, 1518J and 52165.....                                 |
| 375C                                                                                           | 22250 | Feed Forked Connection Hinge Screw.....                                     |
| 1518J                                                                                          | 22250 | " " " " Nut..                                                               |

| No.    | Plate | Name                                                            |
|--------|-------|-----------------------------------------------------------------|
| 52384  | 22979 | Feed Lifting Rock Shaft.....                                    |
| 127286 | ----- | Feed Lifting Rock Shaft complete, Nos.<br>52384 and 127288..... |
| 127156 | 22250 | Feed Lifting Rock Shaft Connecting Rod<br>with two 966E.....    |
| 966E   | 22250 | Feed Lifting Rock Shaft Connecting Rod<br>Cap Screw.....        |
| 375C   | 22250 | Feed Lifting Rock Shaft Connecting Rod<br>Hinge Screw.....      |
| 1518J  | 22250 | Feed Lifting Rock Shaft Connecting Rod<br>Hinge Screw Nut.....  |
| 127288 | 22979 | Feed Lifting Rock Shaft Crank with 157J<br>and 52267.....       |
| 157J   | 22979 | Feed Lifting Rock Shaft Crank Clamping<br>Screw.....            |
| 52267  | 22979 | Feed Lifting Rock Shaft Crank Slide<br>Block.....               |
| 50191C | 22979 | Feed Lifting Rock Shaft Screw Center....                        |
| 52097  | ----- | " " " " " " 50191C<br>with 1513J.....                           |
| 1513J  | 22979 | Feed Lifting Rock Shaft Screw Center Nut                        |
| 50338E | 22250 | " Regulating Stud.....                                          |
| 56032  | 22250 | " " " Head with 56033....                                       |
| 50193J | 22250 | " " " Cap Screw.....                                            |
| 56033  | 22250 | " " " Stop Pin.....                                             |
| 56034  | 22250 | " " " Lock Pin.....                                             |
| 56035  | 22250 | " " " " Spring....                                              |
| 52408  | 22250 | " Regulator with 50083C.....                                    |
| 52411  | ----- | " " 52408 with 52073.....                                       |
| 1128E  | 22250 | " " Hinge Screw.....                                            |
| 52409  | 22250 | " Reverse Lever with 158J and 51846..                           |
| 50339D | 22250 | " " " Hinge Screw.....                                          |
| 156J   | 22250 | " " " " Clamping<br>Screw.....                                  |
| 52410  | 22250 | Feed Reverse Lever Hinge Screw Friction<br>Washer.....          |
| 51846  | 22250 | Feed Reverse Lever Roller and Stud.....                         |
| 52386  | 22979 | " Rock Shaft.....                                               |
| 29633  | 22979 | " " " Crank with 157J.....                                      |
| 157J   | 22979 | " " " " Clamping Screw....                                      |
| 52387  | ----- | Feed Rock Shaft complete, Nos. 29633 and<br>52386.....          |
| 50191C | 22979 | Feed Rock Shaft Screw Center.....                               |
| 52097  | ----- | " " " " " 50191C with<br>1513J.....                             |
| 1513J  | 22979 | Feed Rock Shaft Screw Center Nut.....                           |
| 25866  | 22249 | Guide.....                                                      |
| 50190W | 22249 | " Thumb Screw.....                                              |
| 127282 | 22978 | Needle Bar (hollow).....                                        |
| 127283 | ----- | " " 127282 with 51229D, 127245 and<br>127246.....               |

| No.     | Plate | Name                                                                                                                                                |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 127305  | 22978 | Needle Bar Bushing (lower).....                                                                                                                     |
| 1133E   | 22978 | " " " " Set Screw....                                                                                                                               |
| 52448   | 22978 | " " " (upper).....                                                                                                                                  |
| 1133E   | 22978 | " " " " Set Screw....                                                                                                                               |
| 127231  | 22978 | " " Connecting Link with 52207...                                                                                                                   |
| 127232  | ----- | " " " " 127231 with<br>24041.....                                                                                                                   |
| 775E    | 22978 | Needle Bar Connecting Link Cap Screw....                                                                                                            |
| 52207   | ----- | " " " " Lubricating Pad<br>(wood).....                                                                                                              |
| 24041   | 22978 | Needle Bar Connecting Stud with 207E....                                                                                                            |
| 207E    | 22978 | " " " " Clamping Screw                                                                                                                              |
| 127253  | 22250 | " " Crank with 1036C, 1037C and<br>1065C.....                                                                                                       |
| 1065C   | 22250 | Needle Bar Crank Position Screw.....                                                                                                                |
| 127245  | 22978 | " " Thread Guard.....                                                                                                                               |
| 51229D  | 22978 | " " " " Screw.....                                                                                                                                  |
| 127246  | 22978 | " Clamp with 140119F.....                                                                                                                           |
| 140119F | 22978 | " " Screw.....                                                                                                                                      |
| 127191  | 22249 | Oil Tube with 52184.....                                                                                                                            |
| 127091  | 22249 | " " Bracket.....                                                                                                                                    |
| 127092  | 22249 | " " " 127091 with 127191, for<br>oiling 52165.....                                                                                                  |
| 52184   | 22249 | Oil Tube Packing (wick).....                                                                                                                        |
| 12391   | 22978 | Presser Bar (hollow).....                                                                                                                           |
| 52338   | 22978 | " " Guide Bracket with 223C and<br>453C.....                                                                                                        |
| 453C    | 22978 | Presser Bar Guide Bracket Set Screw....                                                                                                             |
| 5990    | 22978 | " " Lifter.....                                                                                                                                     |
| 689C    | 22978 | " " " Hinge Screw.....                                                                                                                              |
| 1520J   | 22978 | " " " " Nut.....                                                                                                                                    |
| 12327   | 22978 | " " Lifting and Releasing Lever<br>Bracket.....                                                                                                     |
| 127108  | 22978 | Presser Bar Spring.....                                                                                                                             |
| 11170   | 22978 | " " " Washer.....                                                                                                                                   |
| 7298    | 22978 | " Foot Hinge Pin.....                                                                                                                               |
| 52437   | 22978 | " " Plate.....                                                                                                                                      |
| 52438   | 22978 | " " Shank.....                                                                                                                                      |
| 26231   | 22978 | " " Spring.....                                                                                                                                     |
| 52439   | 22978 | Presser Foot (spring hinged) complete,<br>Nos. 7298, 26231, 52437 and 52438...                                                                      |
| 176J    | 22978 | Presser Foot Screw.....                                                                                                                             |
| 688W    | 22978 | Pressure Regulating Thumb Screw.....                                                                                                                |
| 51928   | 22980 | Roller, 5/8 in. diam., 3/16 in. face,<br>(coarse) ball bearing complete for<br>127271, Nos. 1528J, 201699F, 350104F<br>and twenty-eight 206417..... |
| 51903   | 22980 | Roller, 7/8 in. diam., 9/64 in. face,<br>(fine) ball bearing complete, for<br>62867, Nos. 1528J, 201699F, 350104F<br>and twenty-eight 206417.....   |

| No.     | Plate | Name                                                                                                                                                           |
|---------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 51927   | 22980 | Roller, 1 1/4 in. diam., 11/64 in. face, (coarse) ball bearing complete, for 127272, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....                      |
| 127273  | 22980 | Roller Arm for 127271.....                                                                                                                                     |
| 62897   | 22980 | " " " 62867.....                                                                                                                                               |
| 127274  | 22980 | " " " 127272.....                                                                                                                                              |
| 440F    | 22980 | " " Adjusting Screw.....                                                                                                                                       |
| 1547J   | 22980 | " " " " Nut.....                                                                                                                                               |
| 2206    | 22980 | " " Bracket for 62867 and 127271.....                                                                                                                          |
| 46037   | 22980 | " " " " 127272.....                                                                                                                                            |
| 316F    | 22980 | " " " Screw Center.....                                                                                                                                        |
| 15444   | ----- | " " " " " 316F with 1547J.....                                                                                                                                 |
| 1547J   | 22980 | Roller Arm Bracket Screw Center Nut.....                                                                                                                       |
| 2205    | 22980 | " " Lock Spring.....                                                                                                                                           |
| 176J    | 22980 | " " " " Screw.....                                                                                                                                             |
| 1549J   | 22980 | " " " " " Nut.....                                                                                                                                             |
| 206417  | 22980 | " Ball, 1/16 in. diam., for 51903 and 51928.....                                                                                                               |
| 16232   | 22980 | Roller Ball, 3/32 in. diam., for 51927.....                                                                                                                    |
| 201699F | 22980 | " " Retaining Nut for 51903 and 51928.....                                                                                                                     |
| 1766C   | 22980 | Roller Ball Retaining Nut for 51927.....                                                                                                                       |
| 350104F | 22980 | " Screw for 51903 and 51928.....                                                                                                                               |
| 50553C  | 22980 | " " " 51927.....                                                                                                                                               |
| 1528J   | 22980 | " " Nut.....                                                                                                                                                   |
| 127271  | 22980 | Roller Presser (ball bearing) 5/8 in. diam., 3/16 in. face, (coarse) complete, Nos. 176J, 440F, 1547J, 1549J, 2205, 2206, 51928, 127273 and two 15444.....     |
| 62867   | 22980 | Roller Presser (ball bearing) 7/8 in. diam., 9/64 in. face, (fine) complete, Nos. 176J, 440F, 1547J, 1549J, 2205, 2206, 51903, 62897 and two 15444.....        |
| 127272  | 22980 | Roller Presser (ball bearing) 1 1/4 in. diam., 11/64 in. face, (coarse) complete, Nos. 176J, 440F, 1547J, 1549J, 2205, 46037, 51927, 127274 and two 15444..... |
| 127095  | 22978 | Rotating Hook with three 1253C.....                                                                                                                            |
| 127096  | 22978 | " " 127095 with 127102 and four 1053E.....                                                                                                                     |
| *127239 | ----- | Rotating Hook 127096 with 40274, 127242 and three 1367E.....                                                                                                   |
| 127097  | ----- | Rotating Hook 127096 with 40274 and three 1367E (For agents only).....                                                                                         |
| 127240  | 22978 | Rotating Hook 127239 with 52237.....                                                                                                                           |
| 40264   | 22978 | " " Bobbin.....                                                                                                                                                |
| 52235   | 22978 | " " " Case.....                                                                                                                                                |

| No.     | Plate | Name                                                                                  |
|---------|-------|---------------------------------------------------------------------------------------|
| 52236   | ----- | Rotating Hook Bobbin Case 52235 with 591F, 1380E and 40394.....                       |
| 40393   | ----- | Rotating Hook Bobbin Case Hinge, Nos. 2974, 40392 and 125320.....                     |
| 40392   | 22978 | Rotating Hook Bobbin Case Latch.....                                                  |
| 125320  | 22978 | " " " " " Lever.....                                                                  |
| 2974    | 22978 | " " " " " " Fulcrum Pin.....                                                          |
| 2975    | 22978 | Rotating Hook Bobbin Case Latch Spring.....                                           |
| 592E    | 22978 | " " " " " Stop Screw.....                                                             |
| 591F    | 22978 | " " " " " Tension Regulating Screw.....                                               |
| 40394   | 22978 | Rotating Hook Bobbin Case Tension Spring.....                                         |
| 1380E   | 22978 | " " " " " " " Screw.....                                                              |
| 52237   | 22978 | Rotating Hook Bobbin Case complete, Nos. 592E, 2975, 40393 and 52236.....             |
| 127241  | ----- | Rotating Hook Bobbin Case 52237 with 127242.....                                      |
| 127242  | 22978 | Rotating Hook Bobbin Case Holder.....                                                 |
| 52018   | 22979 | " " " " " Position Bracket.....                                                       |
| 704J    | 22979 | Rotating Hook Bobbin Case Holder Position Bracket Screw.....                          |
| 40274   | 22978 | Rotating Hook Section.....                                                            |
| 1367E   | 22978 | " " " Screw.....                                                                      |
| 1253C   | 22978 | " " Set Screw.....                                                                    |
| 127292  | 22979 | " " Shaft.....                                                                        |
| 127073  | 22979 | " " " Bevel Gear with two 1259C.....                                                  |
| 142004  | 22979 | Rotating Hook Shaft Bevel Gear Case (two pieces) with 51068R, 140184E and 142005..... |
| 142005  | 22979 | Rotating Hook Shaft Bevel Gear Case Ale-mite Fitting.....                             |
| 140184E | 22979 | Rotating Hook Shaft Bevel Gear Case Plug Screw.....                                   |
| 51068R  | 22979 | Rotating Hook Shaft Bevel Gear Case Screw.....                                        |
| 1259C   | 22979 | " " " " " Set Screw.....                                                              |
| 52285   | 22979 | " " " " " Bushing (back).....                                                         |
| 52286   | ----- | " " " " " 52285 with 52279 and 52280.....                                             |
| 1143C   | 22979 | Rotating Hook Shaft Bushing (back) Set Screw.....                                     |
| 52287   | 22979 | Rotating Hook Shaft Bushing (front).....                                              |
| 52288   | ----- | " " " " " 52287 with 52279 and 52280.....                                             |
| 142008  | 22979 | Rotating Hook Shaft Bushing (front) Oil Cup.....                                      |
| 1148C   | 22979 | Rotating Hook Shaft Bushing (front) Set Screw.....                                    |

| No.    | Plate | Name                                                                               |
|--------|-------|------------------------------------------------------------------------------------|
| 52280  | 22979 | Rotating Hook Shaft Bushing Oil Pad<br>(outside) felt.....                         |
| 52279  | 22979 | Rotating Hook Shaft Bushing Oil Wick<br>(inside) braided cotton.....               |
| 127102 | 22978 | Rotating Hook Thread Guard.....                                                    |
| 1053E  | 22978 | " " " " Screw.....                                                                 |
| 52337  | 22978 | Slack Thread Regulator.....                                                        |
| 223C   | 22978 | " " " " Set Screw.....                                                             |
| 2102   | 22976 | Tension Disc.....                                                                  |
| 1560C  | 22976 | " " Regulating Thumb Nut.....                                                      |
| 32572  | 22976 | " " Releasing Disc.....                                                            |
| 52445  | 22976 | " " Lever.....                                                                     |
| 12398  | 22976 | " " " Hinge Pin.....                                                               |
| 12329  | 22976 | " " " Spring.....                                                                  |
| 32574  | 22976 | " " Pin.....                                                                       |
| 2103   | 22976 | " Spring.....                                                                      |
| 50304C | 22976 | " Stud.....                                                                        |
| 52098  | ----- | " " 50304C with 1560C.....                                                         |
| 50305C | 22976 | " " Set Screw.....                                                                 |
| 52397  | 22976 | Tension complete, Nos. 2103, 32572, 32574,<br>52083, 52098, 52394 and two 2102.... |
| 52027  | 22976 | Thread Guard (side of arm).....                                                    |
| 52454  | 22976 | " Retainer.....                                                                    |
| 624C   | 22976 | " " Set Screw.....                                                                 |
| 127235 | ----- | Thread Take-up complete, Nos. 11204, 52025<br>and 127237.....                      |
| 127236 | 22978 | Thread Take-up Crank.....                                                          |
| 127237 | ----- | " " " 127236 with 775E and<br>127232.....                                          |
| 1037C  | 22250 | Thread Take-up Crank Position Screw....                                            |
| 1036C  | 22250 | " " " Set Screw.....                                                               |
| 52022  | 22978 | " " Lever with 52130.....                                                          |
| 52023  | 22978 | " " " Hinge Pin.....                                                               |
| 52024  | 22978 | " " " Link.....                                                                    |
| 11204  | 22978 | " " " Hinge Pin.....                                                               |
| 435C   | 22978 | " " " " " " Set<br>Screw.....                                                      |
| 52130  | 22978 | Thread Take-up Lever Thread Eyelet Bush-<br>ing.....                               |
| 52025  | ----- | Thread Take-up Lever complete, Nos. 52022<br>to 52024.....                         |
| 52394  | 22976 | Thread Take-up Spring.....                                                         |
| 52083  | 22976 | " " " Regulator with 50305C                                                        |
| 440C   | 22976 | " " " " Set Screw..                                                                |
| 20356  | ----- | Throat Plate, large needle hole, for<br>26603 and 28360.....                       |
| 127306 | 22976 | Throat Plate, large needle hole, for<br>121446.....                                |
| 20357  | ----- | Throat Plate, small needle hole, for<br>26603 and 28360.....                       |

| No.                                                                                                            | Plate | Name                                                |
|----------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|
| 127307                                                                                                         | ----- | Throat Plate, small needle hole, for<br>121446..... |
| Note: Throat Plate 127306 is sent with this machine<br>unless another Throat Plate is specified on or-<br>der. |       |                                                     |
| 691F                                                                                                           | 22976 | Throat Plate Screw.....                             |
| 44212                                                                                                          | 22910 | Drip Pan with four 1 in. wire nails....             |
| *15404                                                                                                         | ----- | Trade Mark.....                                     |
| 15405                                                                                                          | ----- | " " Rivet.....                                      |

Genuine 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

## ACCESSORIES

| No.    | Plate | Name                                                                                        |
|--------|-------|---------------------------------------------------------------------------------------------|
| 121587 | 22981 | Grease Gun (3 oz. capacity) for Fitting<br>No. 142005.....                                  |
| 121588 | 22981 | Grease Gun (1/2 lb.capacity) for Fitting<br>No. 142005.....                                 |
| 12361  | 22906 | Machine Hinge Connection.....                                                               |
| 44139  | 22906 | " " Plate.....                                                                              |
| 44140  | 22906 | Machine Hinge complete, Nos. 12361,44139<br>and merlized wood screw 1 1/4 in.No.<br>14..... |
| 20022  | 22906 | Machine Rest (felt).....                                                                    |
| 41400  | 22906 | " " Pin (wood).....                                                                         |
| 120342 | 22906 | Oiler (copper plated) with 120343.....                                                      |
| 120343 | 22906 | " Spout, 3 1/2 in. long.....                                                                |
| 26026  | 22906 | Screw Driver (large).....                                                                   |
| 26485  | 22906 | " " (small).....                                                                            |
| 8909   | 22906 | Wrench for 1513 and 1518.....                                                               |
| 8908   | 22906 | " " 1519 and 1520.....                                                                      |

## BOBBIN WINDERS

### BOBBIN WINDER

(SWINGING AUTOMATIC, LEFT HAND)

| No.    | Plate | Name                            |
|--------|-------|---------------------------------|
| 41913  | 22247 | Bracket with 457C.....          |
| 41583  | 22247 | Frame with 457C.....            |
| 34105  | 22247 | " Hinge Pin.....                |
| 457C   | 22247 | " " " Set Screw.....            |
| 41914  | 22247 | " Spring.....                   |
| 41585  | 22247 | Pulley with 171D.....           |
| 171D   | 22247 | " Set Screw.....                |
| 41586  | 22247 | Spindle.....                    |
| 41587  | 22247 | Stop Latch.....                 |
| 42614  | 22247 | " " Hinge Stud.....             |
| 457C   | 22247 | " " " Set Screw.....            |
| 7958   | 22247 | " " Stop Pin.....               |
| 41588  | 22247 | " " Tripping Arm with 185H..... |
| 185H   | 22247 | " " " Clamping Screw..          |
| 150459 | 22247 | Tension Bracket with 460C.....  |

| No.    | Plate | Name                                                                                                        |
|--------|-------|-------------------------------------------------------------------------------------------------------------|
| 150460 | 22247 | Tension Bracket complete, Nos. 41593 to<br>41595, 52183, 52239, 127187, 127255,<br>150459 and two 2455..... |
| 127255 | 22247 | Tension Bracket Positioning Disc.....                                                                       |
| 158J   | 22247 | " " Screw.....                                                                                              |
| 52239  | 22247 | " " Spool Pin and Thread Eye-<br>let.....                                                                   |
| 8879   | 22247 | Tension Bracket Spool Pin Washer (cloth)                                                                    |
| 2455   | 22247 | " Disc.....                                                                                                 |
| 41593  | 22247 | " Spring.....                                                                                               |
| 41594  | 22247 | " Stud.....                                                                                                 |
| 460C   | 22247 | " " Set Screw.....                                                                                          |
| 41595  | 22247 | " Thread Guide.....                                                                                         |
| 60845  | 22247 | Bobbin Winder, Nos. 7958, 34105, 41583,<br>41585 to 41588,41913,41914 and 42614                             |
| 41915  | ----- | Bobbin Winder 60845 with 880E and 25446.                                                                    |
| 150461 | 22247 | Bobbin Winder (swinging automatic, left<br>hand) complete, Nos.41915 and 150460                             |
| 880E   | 22247 | Bobbin Winder Screw.....                                                                                    |
| 25446  | 22247 | " " " Washer.....                                                                                           |

### BOBBIN WINDER

(SWINGING AUTOMATIC, RIGHT HAND)

| No.   | Plate | Name                                                                                                                    |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------|
| 41339 | 22907 | Base.....                                                                                                               |
| 41340 | 22907 | Frame.....                                                                                                              |
| 1429D | 22907 | " Hinge Screw.....                                                                                                      |
| 41341 | 22907 | " Spring.....                                                                                                           |
| 207D  | 22907 | " " Screw.....                                                                                                          |
| 41342 | 22907 | Pulley with 200F.....                                                                                                   |
| 200F  | 22907 | " Set Screw.....                                                                                                        |
| 41343 | 22907 | Spindle.....                                                                                                            |
| 27306 | 22907 | Spool Pin.....                                                                                                          |
| 27307 | 22907 | " Stand.....                                                                                                            |
| 27308 | 22907 | Spool Stand complete, Nos. 418E, 1562J,<br>2106,10141,11241,27306,27307 and two<br>each 2455 and wood screws 1 in.No.10 |
| 11241 | 22907 | Spool Washer (cloth).....                                                                                               |
| 41344 | 22907 | Stop Latch.....                                                                                                         |
| 41345 | 22907 | " " Finger.....                                                                                                         |
| 152F  | 22907 | " " " Screw.....                                                                                                        |
| 1430D | 22907 | " " Hinge Screw.....                                                                                                    |
| 1550H | 22907 | " " " " Nut.....                                                                                                        |

## BOBBIN WINDERS

| No.   | Plate | Name                                                                                     |
|-------|-------|------------------------------------------------------------------------------------------|
| 41346 | 22907 | Stop Latch Lever.....                                                                    |
| 1430D | 22907 | " " " Hinge Screw.....                                                                   |
| 2455  | 22907 | Tension Disc.....                                                                        |
| 1562J | 22907 | " " Regulating Thumb Nut.....                                                            |
| 418E  | 22907 | " " Screw Stud .....                                                                     |
| 10141 | 22907 | " Spring.....                                                                            |
| 2106  | 22907 | " Thread Guide.....                                                                      |
| 60456 | ----- | Bobbin Winder, Nos. 152F, 207D, 1429D,<br>1550H, 41339 to 41346 and three 1430D          |
| 41347 | 22907 | Bobbin Winder Nos. 60456 and two each<br>9331 and wood screws 1 in. No. 10<br>R.H.B..... |
| 41348 | 22907 | Bobbin Winder (swinging automatic, right<br>hand) complete, Nos. 27308 and 41347         |
| 9331  | 22907 | Bobbin Winder Washer.....                                                                |

## BOBBIN WINDER

(SWINGING AUTOMATIC, RIGHT HAND)

## FOR POWER TABLE

| No.     | Plate | Name                                     |
|---------|-------|------------------------------------------|
| 225433  | 22908 | Bobbin Winder and Tension Bracket Base.. |
| 225453  | 22908 | Frame with 202277 and 225438.....        |
| 225454  | 22908 | " Hinge Pin.....                         |
| 202277  | 22908 | " Oil Packing (wick).....                |
| 225438  | 22908 | " " Well Cap.....                        |
| 225455  | 22908 | " Spring.....                            |
| 225456  | 22908 | " " Plunger.....                         |
| 202473  | 22908 | Pulley with 200380C.....                 |
| 200380C | 22908 | " Set Screw.....                         |
| 225381  | 22908 | Spindle.....                             |
| 225444  | 22908 | Stop Latch.....                          |
| 200056E | 22908 | " " Screw.....                           |
| 225458  | 22908 | " " Thumb Lever.....                     |
| 225459  | 22908 | " " " " Hinge Stud.....                  |
| 225459  | 22908 | " " " " Joint Stud.....                  |
| 202478  | 22908 | " " Trip Lever.....                      |
| 200299H | 22908 | " " " " Hinge Screw.....                 |
| 225461  | 22908 | Tension Bracket with 201499B.....        |
| 200082D | 22908 | " " Screw.....                           |
| 228026  | 22908 | " " " Washer.....                        |
| 2102    | 22908 | " Disc.....                              |
| 202407  | 22908 | " Spring.....                            |

## BOBBIN WINDERS

| No.     | Plate | Name                                                                                                                                                                                                               |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 201499B | 22908 | Tension Stud.....                                                                                                                                                                                                  |
| 201572B | 22908 | " " Thumb Nut.....                                                                                                                                                                                                 |
| 225462  | 22908 | Tension Bracket complete, Nos. 201572B,<br>202407, 225461 and two 2102.....                                                                                                                                        |
| 225382  | 22908 | Bobbin Winder complete, Nos. 200056E,<br>200082D, 200299H, 202473, 202478,<br>225381, 225433, 225444, 225453 to<br>225456, 225458, 225462, 228026, two<br>each 225459 and wood screws 3/4 in.<br>No. 12 R.H.B..... |

## FINGER GUARDS

| No.    | Plate | Name                                                            |
|--------|-------|-----------------------------------------------------------------|
| 36818  | 22980 | Finger Guard.....                                               |
| 36819  | 22980 | " " Friction Washer.....                                        |
| 36820  | 22980 | " " Holder with 196J.....                                       |
| 196J   | 22980 | " " " Screw.....                                                |
| 50316J | 22980 | " " Set Screw.....                                              |
| 36821  | 22980 | Finger Guard complete, Nos. 36818 to<br>36820 and 50316J.....   |
| 120496 | 22980 | Finger Guard.....                                               |
| 120497 | 22980 | " " Holder with 50302J.....                                     |
| 50302J | 22980 | " " " Screw.....                                                |
| 236J   | 22980 | " " Set Screw.....                                              |
| 120498 | 22980 | Finger Guard complete, Nos. 236J, 120496<br>and 120497.....     |
| 120857 | 22980 | Finger Guard.....                                               |
| 120858 | 22980 | " " Holder with 50302J.....                                     |
| 50302J | 22980 | " " " Screw.....                                                |
| 236J   | 22980 | " " Set Screw.....                                              |
| 120860 | 22980 | Finger Guard complete, Nos. 120857, 120858<br>and two 236J..... |

## FOOT LIFTER PARTS

| No.   | Plate | Name                             |
|-------|-------|----------------------------------|
| 5596  | 22979 | Bell Crank.....                  |
| 56048 | ----- | " " 5596 with 5599 and 5601..... |
| 5599  | 22979 | " " Bracket.....                 |

## FOOT LIFTER PARTS

| No.                                                  | Plate | Name                                                                                                                            |
|------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 178E                                                 | 22979 | Bell Crank Bracket Screw.....                                                                                                   |
| 5601                                                 | 22979 | " " Hinge Pin.....                                                                                                              |
| 5735                                                 | 22979 | " " Spring.....                                                                                                                 |
| 5598                                                 | ----- | Bell Crank complete, Nos. 5735 and 56848                                                                                        |
| 5670                                                 | 22909 | Chain, length 26 in. to 35 in., with<br>56864 and 56865.....                                                                    |
| Note: When ordering No. 5670, state length required. |       |                                                                                                                                 |
| 4879                                                 | 22909 | Chain Connecting Link.....                                                                                                      |
| 56864                                                | 22909 | " Hook (large).....                                                                                                             |
| 56865                                                | 22909 | " " (small).....                                                                                                                |
| 12237                                                | 22979 | Lifting Lever with 448C.....                                                                                                    |
| 52028                                                | 22979 | " " Connecting Rod.....                                                                                                         |
| 12416                                                | 22979 | " " " " Joint.....                                                                                                              |
| 76D                                                  | 22979 | " " " " " Hinge<br>Screw.....                                                                                                   |
| 1521E                                                | 22979 | Lifting Lever Connecting Rod Lock Nut...                                                                                        |
| 802D                                                 | 22979 | " " Hinge Screw.....                                                                                                            |
| 12241                                                | 22978 | " " Link.....                                                                                                                   |
| 766D                                                 | 22978 | " " " Hinge Screw.....                                                                                                          |
| 12240                                                | 22979 | " " Pin.....                                                                                                                    |
| 448C                                                 | 22979 | " " " Set Screw.....                                                                                                            |
| 2763                                                 | 22909 | Rock Shaft.....                                                                                                                 |
| 12242                                                | 22909 | " " Hanger with two wood screws 1<br>in. No. 10.....                                                                            |
| 6337                                                 | 22909 | Rock Shaft Lifting Bracket with two 356C                                                                                        |
| 12243                                                | 22909 | " " " " Hook.....                                                                                                               |
| 7125                                                 | 22909 | " " " " Hook.....                                                                                                               |
| 356C                                                 | 22909 | " " " " Set Screw.....                                                                                                          |
| 356C                                                 | 22909 | " " " " Set Screw....                                                                                                           |
| 2770                                                 | 22909 | " " Stop Dog with 140219C.....                                                                                                  |
| 140219C                                              | 22909 | " " " " Set Screw.....                                                                                                          |
| 4880                                                 | 22909 | Rock Shaft complete, Nos. 2763, 2770, 7125,<br>12243 and two each 6337 and 12242...                                             |
| 4881                                                 | 22909 | Treadle.....                                                                                                                    |
| 4882                                                 | 22909 | " Shaft.....                                                                                                                    |
| 4883                                                 | 22909 | " Spring.....                                                                                                                   |
| 4884                                                 | 22909 | " Stand.....                                                                                                                    |
| 4885                                                 | 22909 | Treadle complete, Nos. 4879, 4881 to 4884<br>and two wood screws 1 in. No. 16....                                               |
| 52319                                                | ----- | Foot Lifter complete, Nos. 76D, 766D, 802D,<br>1521E, 4880, 4885, 5598, 5670, 12237,<br>12240, 12241, 12416, 52028 and two 178E |

## KNEE LIFTER PARTS

| No.   | Plate | Name                             |
|-------|-------|----------------------------------|
| 5596  | 22979 | Bell Crank.....                  |
| 56848 | ----- | " " 5596 with 5599 and 5601..... |
| 5599  | 22979 | " " Bracket.....                 |

## KNEE LIFTER PARTS

| No.     | Plate | Name                                                                                                                                      |
|---------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 178E    | 22979 | Bell Crank Bracket Screw.....                                                                                                             |
| 5601    | 22979 | " " Hinge Pin.....                                                                                                                        |
| 5735    | 22979 | " " Spring.....                                                                                                                           |
| 5598    | ----- | Bell Crank complete, Nos. 5735 and 56848                                                                                                  |
| 12237   | 22979 | Lifting Lever with 448C.....                                                                                                              |
| 52028   | 22979 | " " Connecting Rod.....                                                                                                                   |
| 12416   | 22979 | " " " " Joint.....                                                                                                                        |
| 76D     | 22979 | " " " " " Hinge<br>Screw.....                                                                                                             |
| 1521E   | 22979 | Lifting Lever Connecting Rod Lock Nut...                                                                                                  |
| 802D    | 22979 | " " Hinge Screw.....                                                                                                                      |
| 12241   | 22978 | " " Link.....                                                                                                                             |
| 766D    | 22978 | " " " Hinge Screw.....                                                                                                                    |
| 12240   | 22979 | " " Pin.....                                                                                                                              |
| 448C    | 22979 | " " " Set Screw.....                                                                                                                      |
| 2763    | 22910 | Rock Shaft.....                                                                                                                           |
| 7539    | 22910 | " " Hanger with two wood screws 1<br>in. No. 10.....                                                                                      |
| 2765    | 22910 | Rock Shaft Knee Arm.....                                                                                                                  |
| 2766    | 22910 | " " " " Hub with 356C.....                                                                                                                |
| 356C    | 22910 | " " " " Set Screw.....                                                                                                                    |
| 2768    | ----- | Rock Shaft Knee Arm complete, Nos. 2765<br>to 2767.....                                                                                   |
| 2767    | 22910 | Rock Shaft Knee Plate with 356C.....                                                                                                      |
| 356C    | 22910 | " " " " Set Screw.....                                                                                                                    |
| 6337    | 22910 | " " Lifting Bracket with two 356C                                                                                                         |
| 2778    | 22910 | " " " " Hook.....                                                                                                                         |
| 356C    | 22910 | " " " " Set Screw.....                                                                                                                    |
| 356C    | 22910 | " " " " Set Screw....                                                                                                                     |
| 2770    | 22910 | " " Stop Dog with 140219C.....                                                                                                            |
| 140219C | 22910 | " " " " Set Screw.....                                                                                                                    |
| 12250   | 22910 | Rock Shaft complete, Nos. 2763, 2768, 2778,<br>6337 and two each 2770 and 7539.....                                                       |
| 52320   | ----- | Knee Lifter complete (power table) Nos.<br>76D, 766D, 802D, 1521E, 5598, 12237,<br>12240, 12241, 12250, 12416, 52028<br>and two 178E..... |

## MACHINE BASE

| No.   | Plate | Name                             |
|-------|-------|----------------------------------|
| 19219 | 22909 | Bed Frame Cushion (leather)..... |
| 158 C | 22909 | " " " Screw.....                 |
| 19220 | 22909 | " " " Spring.....                |
| 19226 | 22909 | " " Hinge Connection.....        |

## MACHINE BASE

| No.   | Plate | Name                                                                                                                     |
|-------|-------|--------------------------------------------------------------------------------------------------------------------------|
| 19398 | ----- | Bed Frame Hinge Connection 19226 with 211E and 19397.....                                                                |
| 19397 | 22909 | Bed Frame Hinge Connection Cap.....                                                                                      |
| 211E  | 22909 | " " " " " Screw....                                                                                                      |
| 16555 | 22909 | " " " Plate.....                                                                                                         |
| 14010 | 22909 | " " " " Rivet.....                                                                                                       |
| 20067 | 22909 | " " with two each 16555, 19398, four each 19219, 19220, six each 14010, wood screws 1 1/4 in. No. 12 and eight 158C..... |

## THREAD UNWINDER

FOR TWO SPOOLS OR TWO LARGE CONES OF THREAD

| No.     | Plate | Name                                                                                                                                              |
|---------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 225257  | 22248 | Spool Rest with 201018C.....                                                                                                                      |
| 150203  | 22248 | " " Cushion (felt).....                                                                                                                           |
| 225388  | 22248 | " " Rod.....                                                                                                                                      |
| 200383C | 22248 | " " " Set Screw.....                                                                                                                              |
| 201018C | 22248 | " " Set Screw.....                                                                                                                                |
| 202490  | 22248 | " Stand with 200383C.....                                                                                                                         |
| 225391  | 22248 | Thread Guide.....                                                                                                                                 |
| 201696J | 22248 | " " Lock Nut.....                                                                                                                                 |
| 225326  | 22248 | " " Position Cup.....                                                                                                                             |
| 225324  | 22248 | " " Rod with 208E and 225322...                                                                                                                   |
| 208E    | 22248 | " " " Screw.....                                                                                                                                  |
| 225322  | 22248 | " " " " Washer.....                                                                                                                               |
| 225258  | 22248 | Thread Unwinder complete, Nos. 201696J, 202490, 225257, 225324, 225326, 225388, two each 150203, 225391 and three wood screws 7/8 in. No. 12..... |
| 27739   | 22248 | Thread Cone (wood) for large cones.....                                                                                                           |
| 225390  | 22248 | " " Holder, for inverted cones..                                                                                                                  |

Note: Nos. 27739 and 225390 are used with, but not included in 225258.

NUMERICAL  
LIST  
OF PARTS

## NUMERICAL LIST OF PARTS

| No.  | Plate | Name                                                                       |
|------|-------|----------------------------------------------------------------------------|
| 76D  | 22979 | Lifting Lever Connecting Rod Joint Hinge<br>Screw for 52319 and 52320..... |
| 116E | 22249 | Arm Screw (back).....                                                      |
| 144D | 22250 | " Shaft (horizontal) Screw.....                                            |
| 152F | 22907 | Bobbin Winder Stop Latch Finger Screw<br>for 60456.....                    |
| 157J | 22979 | Feed Lifting Rock Shaft Crank Clamping<br>Screw for 52265 and 127288.....  |
| 157J | 22979 | Feed Rock Shaft Crank Clamping Screw for<br>29633.....                     |
| 158J | 22249 | Arm Top Cover Screw.....                                                   |
| 158C | 22909 | Bed Frame Cushion Screw for 20067.....                                     |
| 158J | 22247 | Bobbin Winder Tension Bracket Screw....                                    |
| 158J | 22250 | Feed Reverse Lever Hinge Screw Clamping<br>Screw for 52409.....            |
| 171D | 22247 | Bobbin Winder Pulley Set Screw for 41585                                   |
| 176J | 22976 | Face Plate Screw.....                                                      |
| 176J | 22977 | Presser Foot Screw.....                                                    |
| 176J | 22980 | Roller Arm Lock Spring Screw for 62867,<br>127271 and 127272.....          |
| 178E | 22979 | Bell Crank Bracket Screw for 52319 and<br>52320.....                       |
| 185H | 22247 | Bobbin Winder Stop Latch Tripping Arm<br>Clamping Screw for 41588.....     |
| 196J | 22980 | Finger Guard Holder Screw for 36820....                                    |
| 200F | 22907 | Bobbin Winder Pulley Set Screw for 41342                                   |
| 207D | 22907 | " " Frame Spring Screw for 60456                                           |
| 207E | 22977 | Needle Bar Connecting Stud Clamping<br>Screw for 24041.....                |
| 208E | 22248 | Thread Unwinder Thread Guide Rod Screw<br>for 225324.....                  |
| 211E | 22909 | Bed Frame Hinge Connection Cap Screw for<br>19398.....                     |
| 219J | 22979 | Arm Side Cap Screw.....                                                    |
| 223C | 22977 | Slack Thread Regulator Set Screw for<br>52338.....                         |
| 226J | 22976 | Face Plate Thread Guard (lower) Screw<br>for 52052.....                    |
| 226J | 22976 | Face Plate Thread Guard (upper) Screw<br>for 52052.....                    |
| 229J | 22977 | Needle Bar Thread Guard Screw for 127116                                   |
| 236J | 22980 | Finger Guard Set Screw for 120498 and<br>120860.....                       |
| 313C | 22979 | Feed Bar Screw Center for 56813.....                                       |
| 316F | 22980 | Roller Arm Bracket Screw Center for<br>15444.....                          |

| No.  | Plate | Name                                                              |
|------|-------|-------------------------------------------------------------------|
| 356C | 22910 | Rock Shaft Knee Arm Hub Set Screw for 2766.....                   |
| 356C | 22910 | Rock Shaft Knee Plate Set Screw for 2767                          |
| 356C | 22909 | " " Lifting Bracket Hook Set Screw for 6337.....                  |
| 356C | 22909 | Rock Shaft Lifting Bracket Set Screw for 6337.....                |
| 375C | 22250 | Feed Connecting Link Hinge Screw.....                             |
| 375C | 22250 | " Forked Connection Hinge Screw for 52451.....                    |
| 375C | 22250 | Feed Lifting Rock Shaft Connecting Rod Hinge Screw.....           |
| 418E | 22907 | Bobbin Winder Tension Disc Screw Stud for 27308.....              |
| 423C | 22250 | Arm Shaft (horizontal) Intermediate Bushing Set Screw.....        |
| 432C | 22250 | Arm Shaft (upright) Bushing (lower) Set Screw.....                |
| 435C | 22250 | Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.....     |
| 435C | 22977 | Thread Take-up Lever Link Hinge Pin Set Screw.....                |
| 440F | 22980 | Roller Arm Adjusting Screw for 62867, 127271 and 127272.....      |
| 443C | 22250 | Arm Shaft (upright) Bushing (upper) Set Screw.....                |
| 448C | 22250 | Arm Shaft (horizontal) Flanged Bushing (back) Set Screw.....      |
| 448C | 22250 | Balance Wheel Set Screw for 52176 and 127261.....                 |
| 448C | 22250 | Feed and Feed Lifting Eccentric Set Screw for 127247.....         |
| 448C | 22979 | Lifting Lever Pin Set Screw for 12237...                          |
| 448C | 22976 | Thread Take-up Spring Regulator Set Screw.....                    |
| 453C | 22977 | Presser Bar Guide Bracket Set Screw for 52338.....                |
| 457C | 22247 | Bobbin Winder Frame Hinge Pin Set Screw for 41583.....            |
| 457C | 22247 | Bobbin Winder Stop Latch Hinge Stud Set Screw for 41913.....      |
| 460C | 22247 | Bobbin Winder Tension Stud Set Screw for 150459.....              |
| 591F | 22977 | Rotating Hook Bobbin Case Tension Regulating Screw for 52236..... |
| 592E | 22977 | Rotating Hook Bobbin Case Latch Stop Screw for 52237.....         |
| 624C | 22976 | Thread Retainer Set Screw.....                                    |
| 688W | 22977 | Pressure Regulating Thumb Screw.....                              |
| 689C | 22977 | Presser Bar Lifter Hinge Screw.....                               |

| No.   | Plate | Name                                                             |
|-------|-------|------------------------------------------------------------------|
| 691F  | 22976 | Throat Plate Screw.....                                          |
| 704J  | 22979 | Rotating Hook Bobbin Case Holder Position Bracket Screw.....     |
| 725J  | 22976 | Bed Slide Spring Screw for 12432.....                            |
| 766D  | 22978 | Lifting Lever Link Hinge Screw for 52319 and 52320.....          |
| 775E  | 22977 | Needle Bar Connecting Link Cap Screw for 52270 and 127237.....   |
| 802D  | 22979 | Lifting Lever Hinge Screw for 52319 and 52320.....               |
| 854E  | 22249 | Arm Screw (front).....                                           |
| 880E  | 22247 | Bobbin Winder Screw for 41915.....                               |
| 966E  | 22250 | Feed Lifting Rock Shaft Connecting Rod Cap Screw for 127156..... |
| 1036C | 22250 | Arm Shaft (horizontal) Bevel Gear Set Screw for 127072.....      |
| 1036C | 22250 | Thread Take-up Crank Set Screw for 127253.....                   |
| 1037C | 22250 | Thread Take-up Crank Position Screw for 127253.....              |
| 1053E | 22977 | Rotating Hook Thread Guard Screw for 127096.....                 |
| 1065C | 22250 | Needle Bar Crank Position Screw for 127253.....                  |
| 1128E | 22250 | Feed Regulator Hinge Screw.....                                  |
| 1133E | 22977 | Needle Bar Bushing (lower) Set Screw....                         |
| 1133E | 22977 | " " " (upper) Set Screw....                                      |
| 1143C | 22979 | Rotating Hook Shaft Bushing (back) Set Screw.....                |
| 1148C | 22979 | Rotating Hook Shaft Bushing (front) Set Screw.....               |
| 1253C | 22977 | Rotating Hook Set Screw for 127095.....                          |
| 1259C | 22250 | Arm Shaft (upright) Bevel Gear (lower) Set Screw for 52281.....  |
| 1259C | 22250 | Arm Shaft (upright) Bevel Gear (upper) Set Screw for 52282.....  |
| 1259C | 22979 | Rotating Hook Shaft Bevel Gear Set Screw for 127073.....         |
| 1299C | 22250 | Feed and Feed Lifting Eccentric Position Screw for 127247.....   |
| 1367E | 22977 | Rotating Hook Section Screw for 127097 and 127239.....           |
| 1380E | 22977 | Rotating Hook Bobbin Case Tension Spring Screw for 52236.....    |
| 1429D | 22907 | Bobbin Winder Frame Hinge Screw for 60456.....                   |
| 1430D | 22907 | Bobbin Winder Stop Latch Hinge Screw for 60456.....              |
| 1430D | 22907 | Bobbin Winder Stop Latch Lever Hinge Screw for 60456.....        |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name                                                               |
|-------|-------|--------------------------------------------------------------------|
| 1513J | 22979 | Feed Lifting Rock Shaft Screw Center Nut for 52097.....            |
| 1513J | 22979 | Feed Rock Shaft Screw Center Nut for 52097.....                    |
| 1518J | 22250 | Feed Connecting Link Hinge Screw Nut....                           |
| 1518J | 22250 | " Forked Connection Hinge Screw Nut for 52451.....                 |
| 1518J | 22250 | Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut.....        |
| 1519J | 22979 | Feed Bar Screw Center Nut for 56813.....                           |
| 1520J | 22977 | Presser Bar Lifter Hinge Screw Nut.....                            |
| 1521E | 22979 | Lifting Lever Connecting Rod Lock Nut for 52319 and 52320.....     |
| 1528J | 22980 | Roller Screw Nut for 51903, 51927 and 51928.....                   |
| 1547J | 22980 | Roller Arm Adjusting Screw Nut for 62867, 127271 and 127272.....   |
| 1547J | 22980 | Roller Arm Bracket Screw Center Nut for 15444.....                 |
| 1549J | 22980 | Roller Arm Lock Spring Screw Nut for 62867, 127271 and 127272..... |
| 1550H | 22907 | Bobbin Winder Stop Latch Hinge Screw Nut for 60456.....            |
| 1560C | 22976 | Tension Regulating Thumb Nut for 52098..                           |
| 1562J | 22907 | Bobbin Winder Tension Disc Regulating Thumb Nut for 27308.....     |
| 1766C | 22980 | Roller Ball Retaining Nut for 51927.....                           |
| 2102  | 22908 | Bobbin Winder Tension Disc for 225462...                           |
| 2102  | 22976 | Tension Disc for 52397.....                                        |
| 2103  | 22976 | Tension Spring for 52397.....                                      |
| 2106  | 22907 | Bobbin Winder Tension Thread Guide for 27308.....                  |
| 2205  | 22980 | Roller Arm Lock Spring for 62867, 127271 and 127272.....           |
| 2206  | 22980 | Roller Arm Bracket for 62867 and 127271.                           |
| 2455  | 22247 | Bobbin Winder Tension Disc for 27308 and 150460.....               |
| 2763  | 22909 | Rock Shaft for 4880 and 12250.....                                 |
| 2765  | 22910 | " " Knee Arm for 2768.....                                         |
| 2766  | 22910 | " " " Hub with 356C, for 2768.....                                 |
| 2767  | 22910 | Rock Shaft Knee Plate with 356C, for 2768.....                     |
| 2768  | ----- | Rock Shaft Knee Arm complete for 12250, Nos. 2765 to 2767.....     |
| 2770  | 22909 | Rock Shaft Stop Dog with 140219C, for 4880 and 12250.....          |
| 2778  | 22910 | Rock Shaft Lifting Bracket Hook for 12250.....                     |
| 2974  | 22977 | Rotating Hook Bobbin Case Latch Lever Fulcrum Pin for 40393.....   |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name                                                                                         |
|-------|-------|----------------------------------------------------------------------------------------------|
| 2975  | 22977 | Rotating Hook Bobbin Case Latch Spring for 52237.....                                        |
| 4307  | 22976 | Bed Slide Spring for 12432.....                                                              |
| 4879  | 22909 | Chain Connecting Link for 4885.....                                                          |
| 4880  | 22909 | Rock Shaft complete for 52319, Nos. 2763, 2770, 7125, 12243 and two each 6337 and 12242..... |
| 4881  | 22909 | Treadle for 4885.....                                                                        |
| 4882  | 22909 | " Shaft for 4885.....                                                                        |
| 4883  | 22909 | " Spring for 4885.....                                                                       |
| 4884  | 22909 | " Stand for 4885.....                                                                        |
| 4885  | 22909 | Treadle complete for 52319, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 16.....    |
| 5596  | 22979 | Bell Crank for 56848.....                                                                    |
| 5598  | ----- | Bell Crank complete for 52319 and 52320, Nos. 5735 and 56848.....                            |
| 5599  | 22979 | Bell Crank Bracket for 56848.....                                                            |
| 5601  | 22979 | " " Hinge Pin for 56848.....                                                                 |
| 5670  | 22909 | Chain, length 26 in. to 35 in. with 56864 and 56865, for 52319.....                          |
| 5735  | 22979 | Bell Crank Spring for 5598.....                                                              |
| 5990  | 22978 | Presser Bar Lifter for 96-84 Machine....                                                     |
| 6337  | 22909 | Rock Shaft Lifting Bracket with two 356C, for 4880 and 12250.....                            |
| 7125  | 22909 | Rock Shaft Lifting Bracket Hook for 4880                                                     |
| 7298  | 22978 | Presser Foot Hinge Pin for 52439.....                                                        |
| 7539  | 22910 | Rock Shaft Hanger with two wood screws 1 in. No. 10, for 12250.....                          |
| 7958  | 22247 | Bobbin Winder Stop Latch Stop Pin for 60845.....                                             |
| 8879  | 22249 | Arm Spool Pin Washer (cloth).....                                                            |
| 8879  | 22247 | Bobbin Winder Tension Bracket Spool Pin Washer (cloth).....                                  |
| 8908  | 22906 | Wrench for 1519 and 1520 (Accessories)                                                       |
| 8909  | 22906 | Wrench for 1513 and 1518 (Accessories)                                                       |
| 9331  | 22907 | Bobbin Winder Washer for 41347.....                                                          |
| 10141 | 22907 | " " Tension Spring for 27308..                                                               |
| 11170 | 22977 | Presser Bar Spring Washer.....                                                               |
| 11204 | 22977 | Thread Take-up Lever Link Hinge Pin for 52269 and 127235.....                                |
| 11241 | 22907 | Bobbin Winder Spool Washer (cloth) for 27308.....                                            |
| 12237 | 22979 | Lifting Lever with 448C, for 52319 and 52320.....                                            |
| 12240 | 22979 | Lifting Lever Pin for 52319 and 52320...                                                     |
| 12241 | 22978 | " " Link for 52319 and 52320..                                                               |
| 12242 | 22909 | Rock Shaft Hanger with two wood screws 1 in. No. 10, for 4880.....                           |
| 12243 | 22909 | Rock Shaft Lifting Bracket Hook for 4880                                                     |

| No.    | Plate | Name                                                                                                                           |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------|
| 12250  | 22910 | Rock Shaft complete for 52320, Nos. 2763, 2768, 2778, 6337 and two each 2770 and 7539.....                                     |
| 12327  | 22977 | Presser Bar Lifting and Releasing Lever Bracket.....                                                                           |
| 12329  | 22976 | Tension Releasing Lever Spring.....                                                                                            |
| 12361  | 22906 | Machine Hinge Connection for 44140.....                                                                                        |
| 12391  | 22977 | Presser Bar (hollow).....                                                                                                      |
| 12398  | 22976 | Tension Releasing Lever Hinge Pin.....                                                                                         |
| 12416  | 22979 | Lifting Lever Connecting Rod Joint for 52319 and 52320.....                                                                    |
| 12431  | 22976 | Bed Slide for 12432.....                                                                                                       |
| 12432  | 22976 | Bed Slide complete, Nos. 4307, 12431 and two 725J.....                                                                         |
| 12480  | 22979 | Arm Side Cap for 96-04 Machine.....                                                                                            |
| 14010  | 22909 | Bed Frame Hinge Plate Rivet for 20067...                                                                                       |
| *15404 | ----- | Trade Mark for 127275.....                                                                                                     |
| 15405  | ----- | " " Rivet for 127275.....                                                                                                      |
| 15444  | ----- | Roller Arm Bracket Screw Center 316F with 1547J, for 62867, 127271 and 127272.....                                             |
| 16232  | 22980 | Roller Ball, 3/32 in. diam., for 51927..                                                                                       |
| 16532  | 22249 | Arm Dowel Pin.....                                                                                                             |
| 16555  | 22909 | Bed Frame Hinge Plate for 20067.....                                                                                           |
| 19219  | 22909 | " " Cushion (leather) for 20067...                                                                                             |
| 19220  | 22909 | " " Spring for 20067.....                                                                                                      |
| 19226  | 22909 | " " Hinge Connection for 19398....                                                                                             |
| 19397  | 22909 | " " " " Cap for 19398                                                                                                          |
| 19398  | ----- | " " " " 19226 with 211E and 19397, for 20067.....                                                                              |
| 20022  | 22906 | Machine Rest (felt) Accessories.....                                                                                           |
| 20067  | 22909 | Bed Frame with two each 16555, 19398, four each 19219, 19220, six each 14010, wood screws 1 1/4 in. No. 12 and eight 1500..... |
| 20356  | ----- | Throat Plate, large needle hole, for 26603 and 26360.....                                                                      |
| 20357  | ----- | Throat Plate, small needle hole, for 26603 and 26360.....                                                                      |
| 24041  | 22977 | Needle Bar Connecting Stud with 207E, for 127232.....                                                                          |
| 25446  | 22247 | Bobbin Winder Screw Washer for 41915....                                                                                       |
| 25866  | 22249 | Guide.....                                                                                                                     |
| 26026  | 22906 | Screw Driver (large) Accessories.....                                                                                          |
| 26231  | 22977 | Presser Foot Spring for 52427 and 52439.                                                                                       |
| 26485  | 22906 | Screw Driver (small) Accessories.....                                                                                          |
| 26603  | ----- | Feed Dog, 20 teeth (16 teeth to the inch) for 20356 and 20357.....                                                             |
| 27306  | 22907 | Bobbin Winder Spool Pin for 27308.....                                                                                         |
| 27307  | 22907 | " " " Stand for 27308.....                                                                                                     |

| No.   | Plate | Name                                                                                                                                                  |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27308 | 22907 | Bobbin Winder Spool Stand complete for 41348, Nos. 418E, 1562J, 2106, 10141, 11241, 27306, 27307 and two each 2455 and wood screws, 1 in. No. 10..... |
| 27739 | 22248 | Thread Unwinder Thread Cone (wood) for large cones, for 225258.....                                                                                   |
| 28360 | ----- | Feed Dog, 15 conical teeth (12 teeth to th inch) for 20356 and 20357.....                                                                             |
| 29633 | 22979 | Feed Rock Shaft Crank with 157J, for 52387.....                                                                                                       |
| 32572 | 22976 | Tension Releasing Disc for 52397.....                                                                                                                 |
| 32574 | 22976 | " " Pin for 52397.....                                                                                                                                |
| 34105 | 22247 | Bobbin Winder Frame Hinge Pin for 60845.                                                                                                              |
| 36818 | 22980 | Finger Guard for 36821.....                                                                                                                           |
| 36819 | 22980 | " " Friction Washer for 36821..                                                                                                                       |
| 36820 | 22980 | " " Holder with 196J, for 36821                                                                                                                       |
| 36821 | 22980 | Finger Guard complete, Nos. 36818 to 36820 and 50316J.....                                                                                            |
| 40264 | 22977 | Rotating Hook Bobbin.....                                                                                                                             |
| 40274 | 22977 | " " Section for 127097 and 127239.....                                                                                                                |
| 40392 | 22977 | Rotating Hook Bobbin Case Latch for 40393.....                                                                                                        |
| 40393 | ----- | Rotating Hook Bobbin Case Hinge, Nos. 2974, 40392 and 125320, for 52237...                                                                            |
| 40394 | 22977 | Rotating Hook Bobbin Case Tension Spring for 52236.....                                                                                               |
| 41339 | 22907 | Bobbin Winder Base for 60456.....                                                                                                                     |
| 41340 | 22907 | " " Frame for 60456.....                                                                                                                              |
| 41341 | 22907 | " " Spring for 60456....                                                                                                                              |
| 41342 | 22907 | " " Pulley with 200F, for 60456                                                                                                                       |
| 41343 | 22907 | " " Spindle for 60456.....                                                                                                                            |
| 41344 | 22907 | " " Stop Latch for 60456.....                                                                                                                         |
| 41345 | 22907 | " " " " Finger for 60456                                                                                                                              |
| 41346 | 22907 | " " " " Lever for 60456.                                                                                                                              |
| 41347 | 22907 | Bobbin Winder, Nos. 60456 and two each 9331 and wood screws 1 in. No. 10 R.H.B., for 41348.....                                                       |
| 41348 | 22907 | Bobbin Winder (swinging automatic, right hand) complete, Nos. 27308 and 41347                                                                         |
| 41400 | 22906 | Machine Rest Pin (wood) Accessories...                                                                                                                |
| 41583 | 22247 | Bobbin Winder Frame with 457C, for 60845                                                                                                              |
| 41585 | 22247 | " " Pulley with 171D, for 60845                                                                                                                       |
| 41586 | 22247 | " " Spindle for 60845.....                                                                                                                            |
| 41587 | 22247 | " " Stop Latch for 60845.....                                                                                                                         |
| 41588 | 22247 | " " " " Tripping Arm with 185H, for 60845.....                                                                                                        |
| 41593 | 22247 | Bobbin Winder Tension Spring for 150460.                                                                                                              |
| 41594 | 22247 | " " " Stud for 150460...                                                                                                                              |
| 41595 | 22247 | " " " Thread Guide for 150460.....                                                                                                                    |

| No.    | Plate | Name                                                                                                                                     |
|--------|-------|------------------------------------------------------------------------------------------------------------------------------------------|
| 41913  | 22247 | Bobbin Winder Bracket with 457C, for 60845.....                                                                                          |
| 41914  | 22247 | Bobbin Winder Frame Spring for 60845....                                                                                                 |
| 41915  | ----- | " " 60845 with 880E and 25446, for 150461.....                                                                                           |
| 42367  | 22249 | Arm Oil Tube Packing (braided cotton) for 52185 and 127187.....                                                                          |
| 42614  | 22247 | Bobbin Winder Stop Latch Hinge Stud for 60845.....                                                                                       |
| 43944  | 22976 | Tension Releasing Lever for 96-81 Machine.....                                                                                           |
| 44139  | 22906 | Machine Hinge Plate for 44140.....                                                                                                       |
| 44140  | 22906 | Machine Hinge complete, Nos. 12361, 44139 and merlized wood screw 1 1/4 in. No. 14 (Accessories).....                                    |
| 44212  | 22910 | Drip Pan with four 1 in. wire nails.....                                                                                                 |
| 46037  | 22980 | Roller Arm Bracket for 127272.....                                                                                                       |
| 50053J | 22249 | Arm Side Cover Thumb Screw.....                                                                                                          |
| 50083C | 22250 | Feed Connecting Link Hinge Stud Set Screw for 52408.....                                                                                 |
| 50117E | 22976 | Feed Dog Screw.....                                                                                                                      |
| 50190W | 22976 | Face Plate Thumb Screw.....                                                                                                              |
| 50190W | 22249 | Guide Thumb Screw.....                                                                                                                   |
| 50191C | 22979 | Feed Lifting Rock Shaft Screw Center for 52097.....                                                                                      |
| 50191C | 22979 | Feed Rock Shaft Screw Center for 52097..                                                                                                 |
| 50193J | 22250 | " Regulating Stud Head Cap Screw....                                                                                                     |
| 50302J | 22980 | Finger Guard Holder Screw for 120497 and 120858.....                                                                                     |
| 50304C | 22976 | Tension Stud for 52098.....                                                                                                              |
| 50305C | 22976 | " " Set Screw for 52083.....                                                                                                             |
| 50316J | 22980 | Finger Guard Set Screw for 36821.....                                                                                                    |
| 50330E | 22250 | Feed Regulating Stud.....                                                                                                                |
| 50339D | 22250 | " Reverse Lever Hinge Screw.....                                                                                                         |
| 50553C | 22980 | Roller Screw for 51927.....                                                                                                              |
| 51068R | 22250 | Arm Shaft (horizontal) Bevel Gear Case Screw for 142003.....                                                                             |
| 51068R | 22979 | Rotating Hook Shaft Bevel Gear Case Screw for 142004.....                                                                                |
| 51229D | 22978 | Needle Bar Thread Guard Screw for 127283                                                                                                 |
| 51460F | 22977 | " Clamp Screw for 52307.....                                                                                                             |
| 51846  | 22250 | Feed Reverse Lever Roller and Stud for 52409.....                                                                                        |
| 51903  | 22980 | Roller, 7/8 in. diam., 9/64 in. face, (fine) ball bearing complete for 62867, Nos. 1528J, 201699F, 350104F and twenty-eight 206417.....  |
| 51927  | 22980 | Roller, 1 1/4 in. diam., 11/64 in. face, (coarse) ball bearing complete for 127272, Nos. 1528J, 1766C, 50553C and twenty-four 16232..... |

| No.   | Plate | Name                                                                                                                                       |
|-------|-------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 51928 | 22980 | Roller, 5/8 in. diam., 3/16 in. face, (coarse) ball bearing complete for 127271, Nos. 1528J, 201699F, 350104F and twenty-eight 206417..... |
| 52014 | 22977 | Needle Bar Bushing (upper) for 96-81 Machine.....                                                                                          |
| 52016 | 22977 | Presser Bar Lifter for 96-81 Machine....                                                                                                   |
| 52018 | 22979 | Rotating Hook Bobbin Case Holder Position Bracket.....                                                                                     |
| 52022 | 22977 | Thread Take-up Lever with 52130, for 52025.....                                                                                            |
| 52023 | 22977 | Thread Take-up Lever Hinge Pin for 52025                                                                                                   |
| 52024 | 22977 | " " " Link for 52025.....                                                                                                                  |
| 52025 | ----- | Thread Take-up Lever complete, Nos. 52022 to 52024, for 52269 and 127235.....                                                              |
| 52027 | 22976 | Thread Guard (side of arm).....                                                                                                            |
| 52028 | 22979 | Lifting Lever Connecting Rod for 52319 and 52320.....                                                                                      |
| 52051 | 22976 | Face Plate for 52052.....                                                                                                                  |
| 52052 | ----- | Face Plate complete, Nos. 52051, 52053, 52170 and two 226J.....                                                                            |
| 52053 | 22976 | Face Plate Thread Guard (lower) for 52052.....                                                                                             |
| 52073 | 22250 | Feed Connecting Link Hinge Stud for 52411.....                                                                                             |
| 52083 | 22976 | 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.....                                                                                             |
| 52130 | 22977 | Thread Take-up Lever Thread Eyelet Bushing for 52022.....                                                                                  |
| 52165 | 22250 | Feed Connecting Link for 52451.....                                                                                                        |
| 52170 | 22976 | Face Plate Thread Guard (upper) for 52052.....                                                                                             |
| 52176 | 22250 | Balance Wheel (power, disc) 2 3/16 in. pulley with two 448C, for 96-81 Machine.....                                                        |
| 52180 | 22249 | Arm Oil Tube (long) with 52184, for oiling 52022.....                                                                                      |
| 52182 | 22249 | Arm Oil Tube with 52184, for oiling 127231.....                                                                                            |
| 52183 | 22249 | Arm Oil Tube with 52184, for oiling 52024 and 127156, for 127193 and 150460.....                                                           |
| 52184 | 22249 | Arm Oil Tube Packing (wick) for 52180, 52182 and 52183.....                                                                                |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name                                                                                                   |
|-------|-------|--------------------------------------------------------------------------------------------------------|
| 52184 | 22249 | Oil Tube Packing (wick) for 127191.....                                                                |
| 52185 | 22249 | Arm Oil Tube (short) with 42367, for<br>oiling 52022.....                                              |
| 52193 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(back) Oil Pad (inside) braided cot-<br>ton for 52260.....   |
| 52193 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(front) Oil Pad (inside) braided<br>cotton for 52196.....    |
| 52193 | 22250 | Arm Shaft (horizontal) Intermediate<br>Bushing Oil Pad (inside) braided<br>cotton for 52262.....       |
| 52196 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(front) with 52193 and 52198, for<br>127266.....             |
| 52198 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(front) Oil Pad (outside) felt, for<br>52196.....            |
| 52207 | ----- | Needle Bar Connecting Link Lubricating<br>Pad (wood) for 127231.....                                   |
| 52210 | ----- | Feed and Feed Lifting Eccentric Lubri-<br>cating Pad (long) wood, for 127247..                         |
| 52211 | ----- | Feed and Feed Lifting Eccentric Lubri-<br>cating Pad (short) wood, for 127247.                         |
| 52216 | 22977 | Thread Take-up Crank for 52270.....                                                                    |
| 52235 | 22977 | Rotating Hook Bobbin Case for 52236.....                                                               |
| 52236 | ----- | " " " " 52235 with<br>591F, 1380E and 40394, for 52237....                                             |
| 52237 | 22977 | Rotating Hook Bobbin Case complete, Nos.<br>592E, 2975, 40393 and 52236, for<br>127240 and 127241..... |
| 52239 | 22249 | Arm Spool Pin and Thread Eyelet for<br>127193.....                                                     |
| 52239 | 22247 | Bobbin Winder Tension Bracket Spool Pin<br>and Thread Eyelet for 150460.....                           |
| 52254 | 22249 | Arm Oil Tube for oiling 52262.....                                                                     |
| 52260 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(back) with 52193 and 52289.....                             |
| 52262 | 22250 | Arm Shaft (horizontal) Intermediate<br>Bushing with 52193 and 52263.....                               |
| 52263 | 22250 | Arm Shaft (horizontal) Intermediate<br>Bushing Oil Pad (outside) felt, for<br>52262.....               |
| 52265 | 22979 | Feed Lifting Rock Shaft Crank with 157J<br>and 52267, for 127269.....                                  |
| 52267 | 22979 | Feed Lifting Rock Shaft Crank Slide<br>Block for 52265 and 127288.....                                 |
| 52269 | ----- | Thread Take-up complete for 96-81 Ma-<br>chine, Nos. 11204, 52025 and 52270..                          |
| 52270 | ----- | Thread Take-up Crank 52216 with 775E<br>and 127232, for 52269.....                                     |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name                                                                                                                                      |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 52276 | 22250 | Arm Shaft (upright) Bushing (lower) with<br>52279 and 52280.....                                                                          |
| 52278 | 22250 | Arm Shaft (upright) Bushing (upper) with<br>52279 and 52280.....                                                                          |
| 52279 | 22250 | Arm Shaft (upright) Bushing Oil Wick<br>(inside) braided cotton for 52276<br>and 52278.....                                               |
| 52279 | 22979 | Rotating Hook Shaft Bushing Oil Wick<br>(inside) braided cotton for 52286<br>and 52288.....                                               |
| 52280 | 22250 | Arm Shaft (upright) Bushing Oil Pad<br>(outside) felt, for 52276 and 52278.                                                               |
| 52280 | 22979 | Rotating Hook Shaft Bushing Oil Pad<br>(outside) felt, for 52286 and 52288.                                                               |
| 52281 | 22250 | Arm Shaft (upright) Bevel Gear (lower)<br>with two 1259C.....                                                                             |
| 52282 | 22250 | Arm Shaft (upright) Bevel Gear (upper)<br>with two 1259C.....                                                                             |
| 52285 | 22979 | Rotating Hook Shaft Bushing (back) for<br>52286.....                                                                                      |
| 52286 | ----- | Rotating Hook Shaft Bushing (back) 52285<br>with 52279 and 52280.....                                                                     |
| 52287 | 22979 | Rotating Hook Shaft Bushing (front) for<br>52288.....                                                                                     |
| 52288 | ----- | Rotating Hook Shaft Bushing (front) 52287<br>with 52279 and 52280.....                                                                    |
| 52289 | 22250 | Arm Shaft (horizontal) Flanged Bushing<br>(back) Oil Pad (outside) felt, for<br>52260.....                                                |
| 52290 | 22249 | Arm Oil Tube Plug.....                                                                                                                    |
| 52306 | 22977 | Needle Bar Thread Guard for 12711.....                                                                                                    |
| 52307 | 22977 | " Clamp with 51460F, for 127116....                                                                                                       |
| 52319 | ----- | Foot Lifter complete, Nos. 76D, 766D, 802D,<br>1521E, 4880, 4885, 5598, 5670, 12237,<br>12240, 12241, 12416, 52028 and two 178E           |
| 52320 | ----- | Knee Lifter complete (power table) Nos.<br>76D, 766D, 802D, 1521E, 5598, 12237,<br>12240, 12241, 12250, 12416, 52028 and<br>two 178E..... |
| 52337 | 22977 | Slack Thread Regulator.....                                                                                                               |
| 52338 | 22977 | Presser Bar Guide Bracket with 223C and<br>453C.....                                                                                      |
| 52384 | 22979 | Feed Lifting Rock Shaft for 127269 and<br>127286.....                                                                                     |
| 52386 | 22979 | Feed Rock Shaft for 52387.....                                                                                                            |
| 52387 | ----- | Feed Rock Shaft complete, Nos. 29633 and<br>52386.....                                                                                    |
| 52390 | 22977 | Presser Foot Shank for 52427.....                                                                                                         |
| 52394 | 22976 | Thread Take-up Spring for 52397.....                                                                                                      |
| 52397 | 22976 | Tension complete, Nos. 2103, 32572, 32574,<br>52083, 52098, 52394 and two 2102.....                                                       |

| No.   | Plate | Name                                                                                                                                                                      |
|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52407 | 22250 | Feed Forked Connection for 52451.....                                                                                                                                     |
| 52408 | 22250 | " Regulator with 50083C, for 52411...                                                                                                                                     |
| 52409 | 22250 | " Reverse Lever with 158J and 51846..                                                                                                                                     |
| 52410 | 22250 | " " " Hinge Screw Friction Washer.....                                                                                                                                    |
| 52411 | ----- | Feed Regulator 52408 with 52073.....                                                                                                                                      |
| 52426 | 22977 | Presser Foot Plate for 52427.....                                                                                                                                         |
| 52427 | 22977 | Presser Foot (spring, hinged) complete for 96-81 Machine, Nos. 26231, 52390, 52426 and 62527.....                                                                         |
| 52437 | 22978 | Presser Foot Plate for 52439.....                                                                                                                                         |
| 52438 | 22978 | " " Shank for 52439.....                                                                                                                                                  |
| 52439 | 22978 | Presser Foot (spring, hinged) complete for 96-84 Machine, Nos. 7298, 26231, 52437 and 52438.....                                                                          |
| 52445 | 22976 | Tension Releasing Lever for 96-84 Machine.....                                                                                                                            |
| 52448 | 22978 | Needle Bar Bushing (upper) for 96-84 Machine.....                                                                                                                         |
| 52451 | ----- | Feed Forked Connection 52407 with 375C, 1518J and 52165.....                                                                                                              |
| 52452 | 22979 | Feed Bar.....                                                                                                                                                             |
| 52454 | 22976 | Thread Retainer.....                                                                                                                                                      |
| 54897 | 22249 | Arm Shaft (horizontal) Back Bearing Oil Cup.....                                                                                                                          |
| 56015 | 22249 | Arm Oil Tube for oiling 142006, for 127275.....                                                                                                                           |
| 56032 | 22250 | Feed Regulating Stud Head with 56033....                                                                                                                                  |
| 56033 | 22250 | " " " " Stop Pin for 56032.....                                                                                                                                           |
| 56034 | 22250 | Feed Regulating Stud Lock Pin.....                                                                                                                                        |
| 56035 | 22250 | " " " " Spring....                                                                                                                                                        |
| 56813 | ----- | " Bar Screw Center 313C with 1519J...                                                                                                                                     |
| 56848 | ----- | Bell Crank 5596 with 5599 and 5601, for 5598.....                                                                                                                         |
| 56864 | 22909 | Chain Hook (large) for 5670.....                                                                                                                                          |
| 56865 | 22909 | " " (small) for 5670.....                                                                                                                                                 |
| 60456 | ----- | Bobbin Winder, Nos. 152F, 207D, 1429D, 1550H, 41339 to 41346 and three 1430D, for 41347.....                                                                              |
| 60845 | 22247 | Bobbin Winder, Nos. 7958, 34105, 41583, 41585 to 41588, 41913, 41914 and 42614, for 41915.....                                                                            |
| 62527 | 22977 | Presser Foot Hinge Pin for 52427.....                                                                                                                                     |
| 62867 | 22980 | Roller Presser (ball bearing) 7/8 in. diam., 9/64 in. face, (fine) complete for 96-84 Machine, Nos. 176J, 440F, 1547J, 1549J, 2205, 2206, 51903, 62897 and two 15444..... |
| 62897 | 22980 | Roller Arm for 62867.....                                                                                                                                                 |

| No.    | Plate | Name                                                                       |
|--------|-------|----------------------------------------------------------------------------|
| 68350  | 22249 | Arm Shaft (horizontal) Front Bearing Oil Cup.....                          |
| 120342 | 22906 | Oiler (copper plated) with 120343 (Accessories).....                       |
| 120343 | 22906 | Oiler Spout, 3 1/2 in. long, for 120342.                                   |
| 120496 | 22980 | Finger Guard for 120498.....                                               |
| 120497 | 22980 | " " Holder with 50302J, for 120498.....                                    |
| 120498 | 22980 | Finger Guard complete, Nos. 236J, 120496 and 120497.....                   |
| 120857 | 22980 | Finger Guard for 120860.....                                               |
| 120858 | 22980 | " " Holder with 50302J, for 120860                                         |
| 120860 | 22980 | Finger Guard complete, Nos. 120857, 120858 and two 236J.....               |
| 121446 | 22976 | Feed Dog, 13 spiked teeth (10 teeth to the inch) for 127306 and 127307.... |
| 121587 | 22981 | Grease Gun (3 oz. capacity) for Fitting No. 142005 (Accessories).....      |
| 121588 | 22981 | Grease Gun (1/2 lb. capacity) for Fitting No. 142005 (Accessories).....    |
| 125320 | 22977 | Rotating Hook Bobbin Case Latch Lever for 40393.....                       |
| 127072 | 22250 | Arm Shaft (horizontal) Bevel Gear with two 1036C.....                      |
| 127073 | 22979 | Rotating Hook Shaft Bevel Gear with two 1259C.....                         |
| 127079 | 22249 | Arm Side Cover.....                                                        |
| 127088 | 22977 | Needle Bar (hollow) for 127116.....                                        |
| 127091 | 22249 | Oil Tube Bracket for 127092.....                                           |
| 127092 | 22249 | " " " 127091 with 127191, for oiling 52165.....                            |
| 127095 | 22977 | Rotating Hook with three 1253C, for 127096.....                            |
| 127096 | 22977 | Rotating Hook 127095 with 127102 and four 1053E, for 127097 and 127239...  |
| 127097 | ----- | Rotating Hook 127096 with 40274 and three 1367E (For agents only)....      |
| 127102 | 22977 | Rotating Hook Thread Guard for 127096...                                   |
| 127108 | 22977 | Presser Bar Spring.....                                                    |
| 127116 | ----- | Needle Bar 127088 with 229J, 52306 and 52307, for 96-81 Machine.....       |
| 127146 | 22979 | Arm Side Cap for 96-81 Machine.....                                        |
| 127152 | 22250 | Feed and Feed Lifting Eccentric Sleeve for 127248.....                     |
| 127156 | 22250 | Feed Lifting Rock Shaft Connecting Rod with two 966E.....                  |
| 127187 | 22249 | Arm Oil Tube (bent) with 42367, for oiling 127152, for 127193 and 150460   |
| 127191 | 22249 | Oil Tube with 52184, for 127092.....                                       |
| 127192 | 22249 | Arm Top Cover for 127193.....                                              |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                                                                                                                             |
|---------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 127193  | ----- | Arm Top Cover 127192 with 52183, 52239, 127187 and 127255.....                                                                                                                   |
| 127230  | 22977 | Needle Bar Bushing (lower) for 96-81 Machine.....                                                                                                                                |
| 127231  | 22977 | Needle Bar Connecting Link with 52207, for 127232.....                                                                                                                           |
| 127232  | ----- | Needle Bar Connecting Link 127231 with 24041, for 52270 and 127237.....                                                                                                          |
| 127235  | ----- | Thread Take-up complete for 96-84 Machine, Nos. 11204, 52025 and 127237.                                                                                                         |
| 127236  | 22978 | Thread Take-up Crank for 127237.....                                                                                                                                             |
| 127237  | ----- | " " " 127236 with 775E and 127232, for 127235.....                                                                                                                               |
| *127239 | ----- | Rotating Hook 127096 with 40274, 127242 and three 1367E, for 127240.....                                                                                                         |
| 127240  | 22977 | Rotating Hook 127239 with 52237.....                                                                                                                                             |
| 127241  | ----- | " " Bobbin Case 52237 with 127242.....                                                                                                                                           |
| 127242  | 22977 | Rotating Hook Bobbin Case Holder for 127239 and 127241.....                                                                                                                      |
| 127245  | 22978 | Needle Bar Thread Guard for 127283.....                                                                                                                                          |
| 127246  | 22978 | " Clamp with 140119F, for 127283...                                                                                                                                              |
| 127247  | 22250 | Feed and Feed Lifting Eccentric with 446C, 1299C, 52210 and 52211, for 127248.....                                                                                               |
| 127248  | ----- | Feed and Feed Lifting Eccentric 127247 with 127152.....                                                                                                                          |
| 127253  | 22250 | Needle Bar Crank with 1036C, 1037C and 1065C, for 127266.....                                                                                                                    |
| 127255  | 22249 | Arm Top Cover Positioning Disc for 127193.....                                                                                                                                   |
| 127255  | 22247 | Bobbin Winder Tension Bracket Positioning Disc for 150460.....                                                                                                                   |
| 127261  | 22250 | Balance Wheel (power, disc) 2 3/16 in. pulley with two 448C, for 96-84 Machine.....                                                                                              |
| 127265  | 22250 | Arm Shaft (horizontal) for 127266.....                                                                                                                                           |
| 127266  | ----- | " " " 127265 with 52196 and 127253.....                                                                                                                                          |
| 127269  | ----- | Feed Lifting Rock Shaft complete for 96-81 Machine, Nos. 52265 and 52384.                                                                                                        |
| *127270 | ----- | Bed.....                                                                                                                                                                         |
| 127271  | 22980 | Roller Presser (ball bearing) 5/8 in. diam., 3/16 in. face, (coarse) complete for 96-84 Machine, Nos. 176J, 440F, 1547J, 1549J, 2205, 2206, 51928, 127273 and two 15444.....     |
| 127272  | 22980 | Roller Presser (ball bearing) 1 1/4 in. diam., 11/64 in. face, (coarse) complete for 96-84 Machine, Nos. 176J, 440F, 1547J, 1549J, 2205, 46037, 51927, 127274 and two 15444..... |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                                                                           |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------|
| 127273  | 22980 | Roller Arm for 127271.....                                                                                                     |
| 127274  | 22980 | " " " 127272.....                                                                                                              |
| *127275 | ----- | Arm with 15404 and two each 15405 and 56015.....                                                                               |
| 127282  | 22978 | Needle Bar (hollow) for 127283.....                                                                                            |
| 127283  | ----- | " " 127282 with 51229D, 127245 and 127246, for 96-84 Machine.....                                                              |
| 127286  | ----- | Feed Lifting Rock Shaft complete for 96-84 Machine, Nos. 52384 and 127288                                                      |
| 127288  | 22979 | Feed Lifting Rock Shaft Crank with 157J and 52267, for 127286.....                                                             |
| 127292  | 22979 | Rotating Hook Shaft.....                                                                                                       |
| 127305  | 22978 | Needle Bar Bushing (lower) for 96-84 Machine.....                                                                              |
| 127306  | 22976 | Throat Plate, large needle hole, for 121446.....                                                                               |
| 127307  | ----- | Throat Plate, small needle hole, for 121446.....                                                                               |
| 140119F | 22978 | Needle Clamp Screw for 127246.....                                                                                             |
| 140184E | 22250 | Arm Shaft (horizontal) Bevel Gear Case Plug Screw for 142003.....                                                              |
| 140184E | 22979 | Rotating Hook Shaft Bevel Gear Case Plug Screw for 142004.....                                                                 |
| 140219C | 22909 | Rock Shaft Stop Dog Set Screw for 2770..                                                                                       |
| 142003  | 22250 | Arm Shaft (horizontal) Bevel Gear Case (two pieces) with 51068R, 140184E and 142005.....                                       |
| 142004  | 22979 | Rotating Hook Shaft Bevel Gear Case (two pieces) with 51068R, 140184E and 142005.....                                          |
| 142005  | 22250 | Arm Shaft (horizontal) Bevel Gear Case Alemite Fitting for 142003.....                                                         |
| 142005  | 22979 | Rotating Hook Shaft Bevel Gear Case Alemite Fitting for 142004.....                                                            |
| 142006  | 22250 | Arm Shaft (upright).....                                                                                                       |
| 142008  | 22979 | Rotating Hook Shaft Bushing (front) Oil Cup.....                                                                               |
| 150203  | 22248 | Thread Unwinder Spool Rest Cushion (felt) for 225258.....                                                                      |
| 150459  | 22247 | Bobbin Winder Tension Bracket with 460C, for 150460.....                                                                       |
| 150460  | 22247 | Bobbin Winder Tension Bracket complete for 150461, Nos. 41593 to 41595, 52183, 52239, 127187, 127255, 150459 and two 2455..... |
| 150461  | 22247 | Bobbin Winder (swinging automatic, left hand) complete, Nos. 41915 and 150460.....                                             |
| 200056E | 22908 | Bobbin Winder Stop Latch Screw for 225382.....                                                                                 |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                                                                                                                                                                                                 |
|---------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 200082D | 22908 | Bobbin Winder Tension Bracket Screw for 225382.....                                                                                                                                                                                                  |
| 200299H | 22908 | Bobbin Winder Stop Latch Trip Lever Hinge Screw for 225382.....                                                                                                                                                                                      |
| 200380C | 22908 | Bobbin Winder Pulley Set Screw for 202473.....                                                                                                                                                                                                       |
| 200383C | 22248 | Thread Unwinder Spool Rest Rod Set Screw for 202490.....                                                                                                                                                                                             |
| 201018C | 22248 | Thread Unwinder Spool Rest Set Screw for 225257.....                                                                                                                                                                                                 |
| 201499B | 22908 | Bobbin Winder Tension Stud for 225461...                                                                                                                                                                                                             |
| 201572B | 22908 | " " " " Thumb Nut for 225462.....                                                                                                                                                                                                                    |
| 201696J | 22248 | Thread Unwinder Thread Guide Lock Nut for 225258.....                                                                                                                                                                                                |
| 201699F | 22980 | Roller Ball Retaining Nut for 51903 and 51928.....                                                                                                                                                                                                   |
| 202277  | 22908 | Bobbin Winder Frame Oil Packing (wick) for 225453.....                                                                                                                                                                                               |
| 202407  | 22908 | Bobbin Winder Tension Spring for 225462.                                                                                                                                                                                                             |
| 202473  | 22908 | " " Pulley with 200380C, for 225382.....                                                                                                                                                                                                             |
| 202478  | 22908 | Bobbin Winder Stop Latch Trip Lever for 225382.....                                                                                                                                                                                                  |
| 202490  | 22248 | Thread Unwinder Spool Stand with 200383C, for 225258.....                                                                                                                                                                                            |
| 206417  | 22980 | Roller Ball, 1/16 in. diam., for 51903 and 51928.....                                                                                                                                                                                                |
| 225257  | 22248 | Thread Unwinder Spool Rest with 201018C, for 225258.....                                                                                                                                                                                             |
| 225258  | 22248 | Thread Unwinder complete for two spools or two large cones of thread, Nos. 201696J, 202490, 225257, 225324, 225326, 225388, two each 150203, 225391 and three wood screws 7/8 in. No. 12....                                                         |
| 225322  | 22248 | Thread Unwinder Thread Guide Rod Screw Washer for 225324.....                                                                                                                                                                                        |
| 225324  | 22248 | Thread Unwinder Thread Guide Rod with 208E and 225322, for 225258.....                                                                                                                                                                               |
| 225326  | 22248 | Thread Unwinder Thread Guide Position Cup for 225258.....                                                                                                                                                                                            |
| 225381  | 22908 | Bobbin Winder Spindle for 225382.....                                                                                                                                                                                                                |
| 225382  | 22908 | Bobbin Winder (swinging automatic, right hand) complete for power table, Nos. 200056E, 200082D, 200299H, 202473, 202478, 225381, 225433, 225444, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws 3/4 in. No. 12 R.H.B..... |
| 225388  | 22248 | Thread Unwinder Spool Rest Rod for 225258.....                                                                                                                                                                                                       |

## NUMERICAL LIST OF PARTS

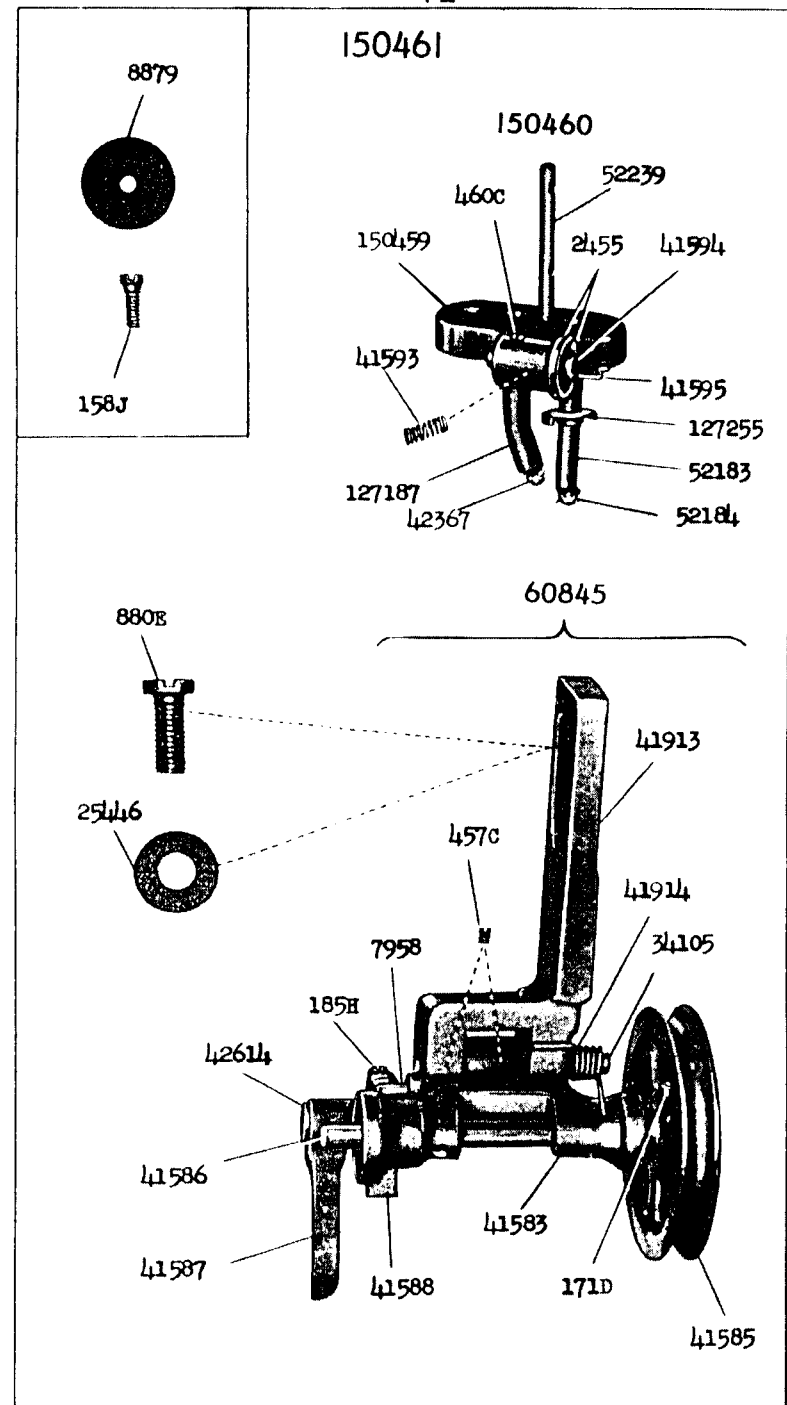
| No.     | Plate | Name                                                                                              |
|---------|-------|---------------------------------------------------------------------------------------------------|
| 225390  | 22248 | Thread Unwinder Thread Cone Holder for inverted cones, for 225258.....                            |
| 225391  | 22248 | Thread Unwinder Thread Guide for 225258.                                                          |
| 225433  | 22908 | Bobbin Winder and Tension Bracket Base for 225382.....                                            |
| 225438  | 22908 | Bobbin Winder Frame Oil Well Cap for 225453.....                                                  |
| 225444  | 22908 | Bobbin Winder Stop Latch for 225382.....                                                          |
| 225453  | 22908 | " " Frame with 202277 and 225438, for 225382.....                                                 |
| 225454  | 22908 | Bobbin Winder Frame Hinge Pin for 225382                                                          |
| 225455  | 22908 | " " " Spring for 225382...                                                                        |
| 225456  | 22908 | " " " Plunger for 225382.....                                                                     |
| 225458  | 22908 | Bobbin Winder Stop Latch Thumb Lever for 225382.....                                              |
| 225459  | 22908 | Bobbin Winder Stop Latch Thumb Lever Hinge Stud for 225382.....                                   |
| 225459  | 22908 | Bobbin Winder Stop Latch Thumb Lever Joint Stud for 225382.....                                   |
| 225461  | 22908 | Bobbin Winder Tension Bracket with 201499B, for 225462.....                                       |
| 225462  | 22908 | Bobbin Winder Tension Bracket complete for 225382, Nos. 201572B, 202407, 225461 and two 2102..... |
| 228026  | 22908 | Bobbin Winder Tension Bracket Screw Washer for 225382.....                                        |
| 350104F | 22980 | Roller Screw for 51903 and 51928.....                                                             |

Genuine 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

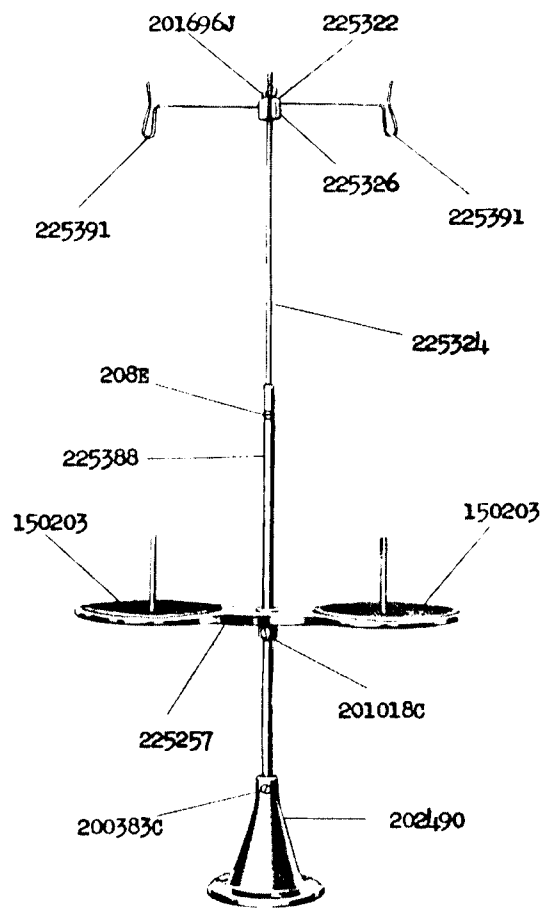
# ILLUSTRATIONS OF PARTS

22247 - 1/2

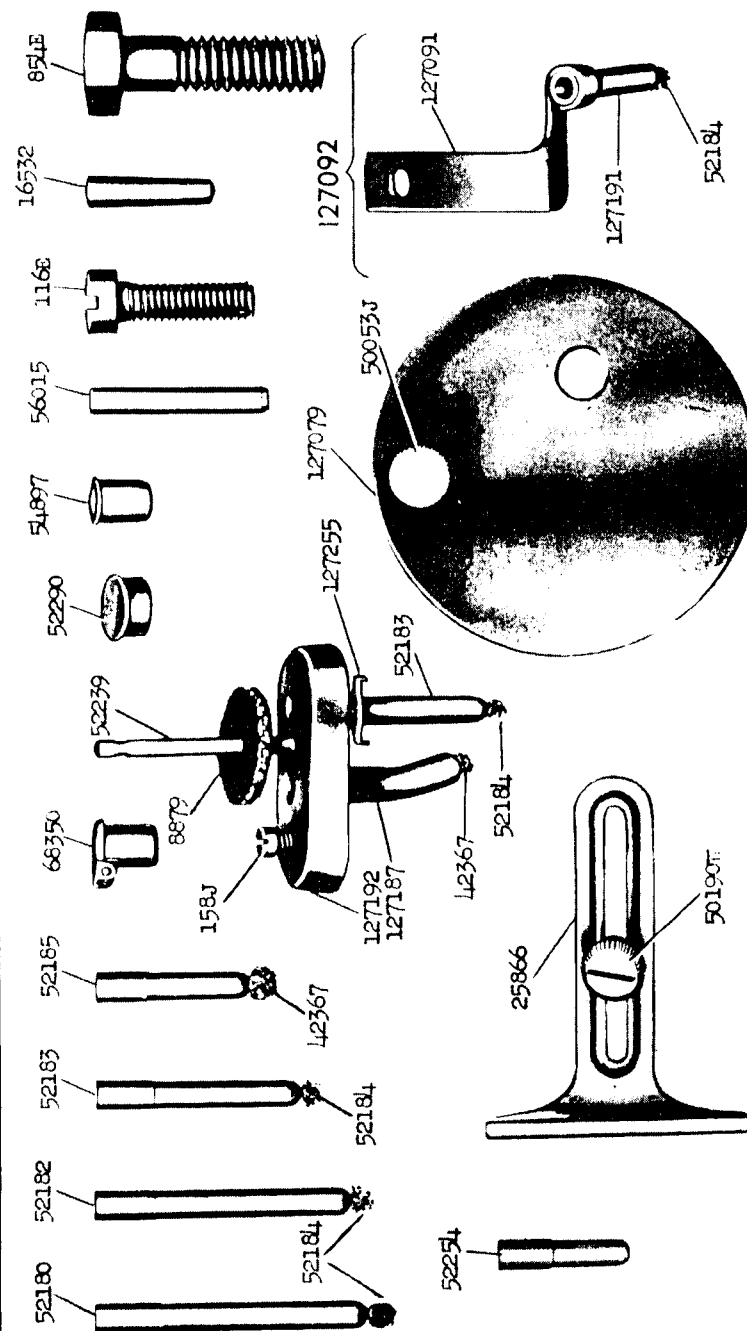


22248 - 1/6

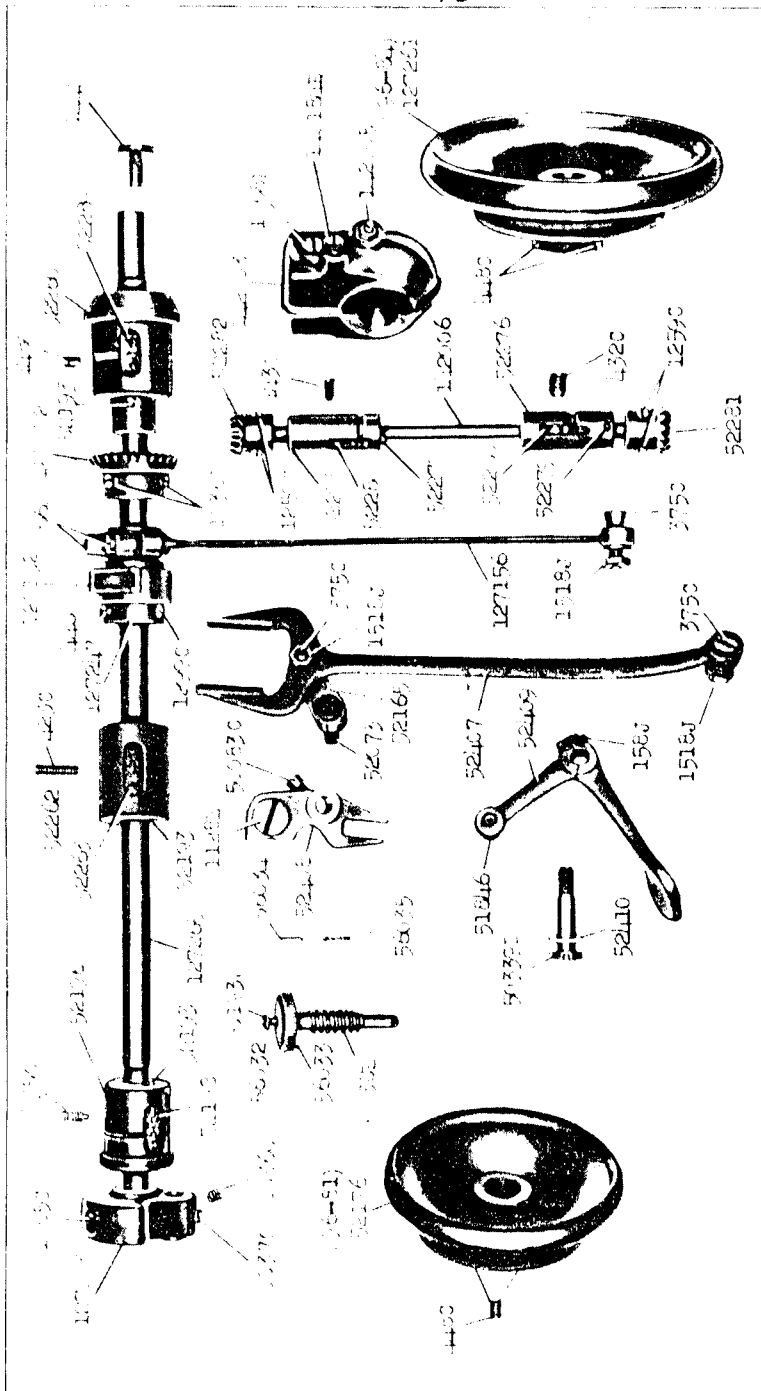
225258



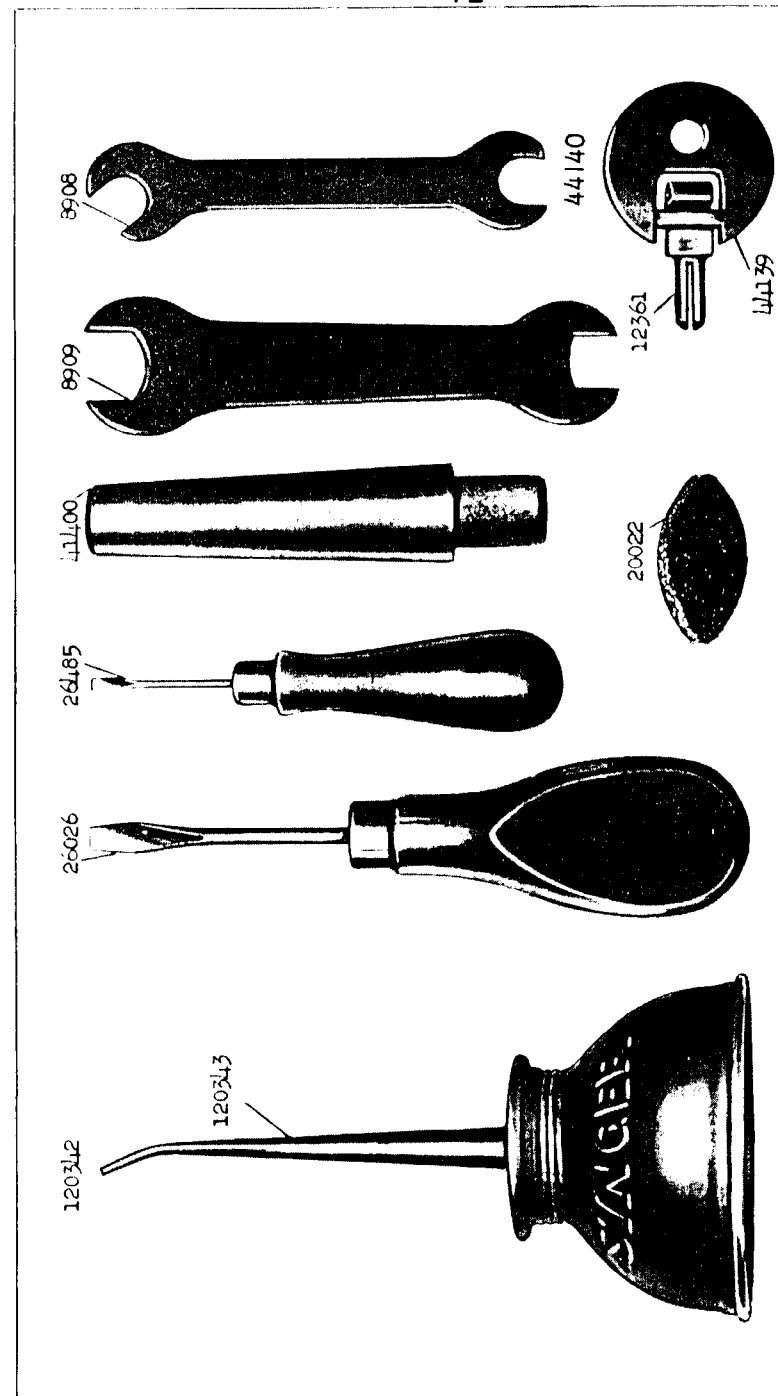
22249 - 2/3



22250 - 1/3

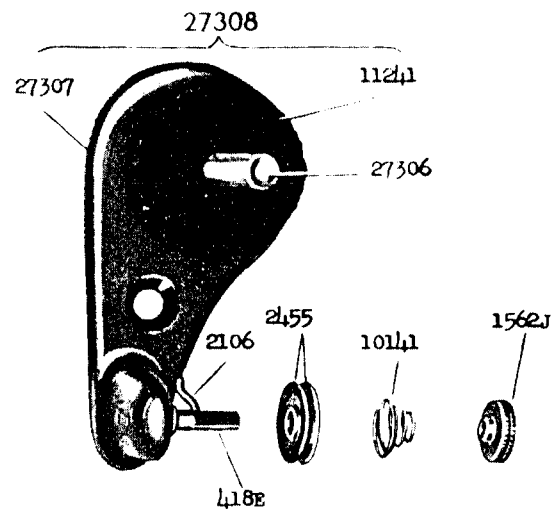


22906 - 1/2

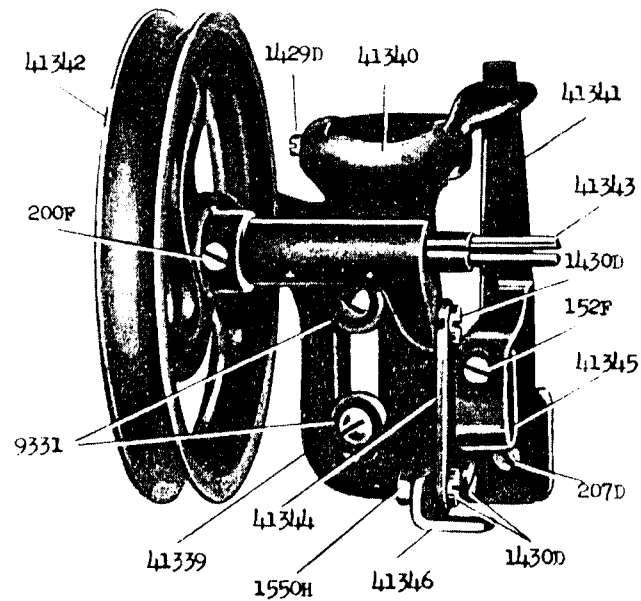


22907 - 2/3

41348

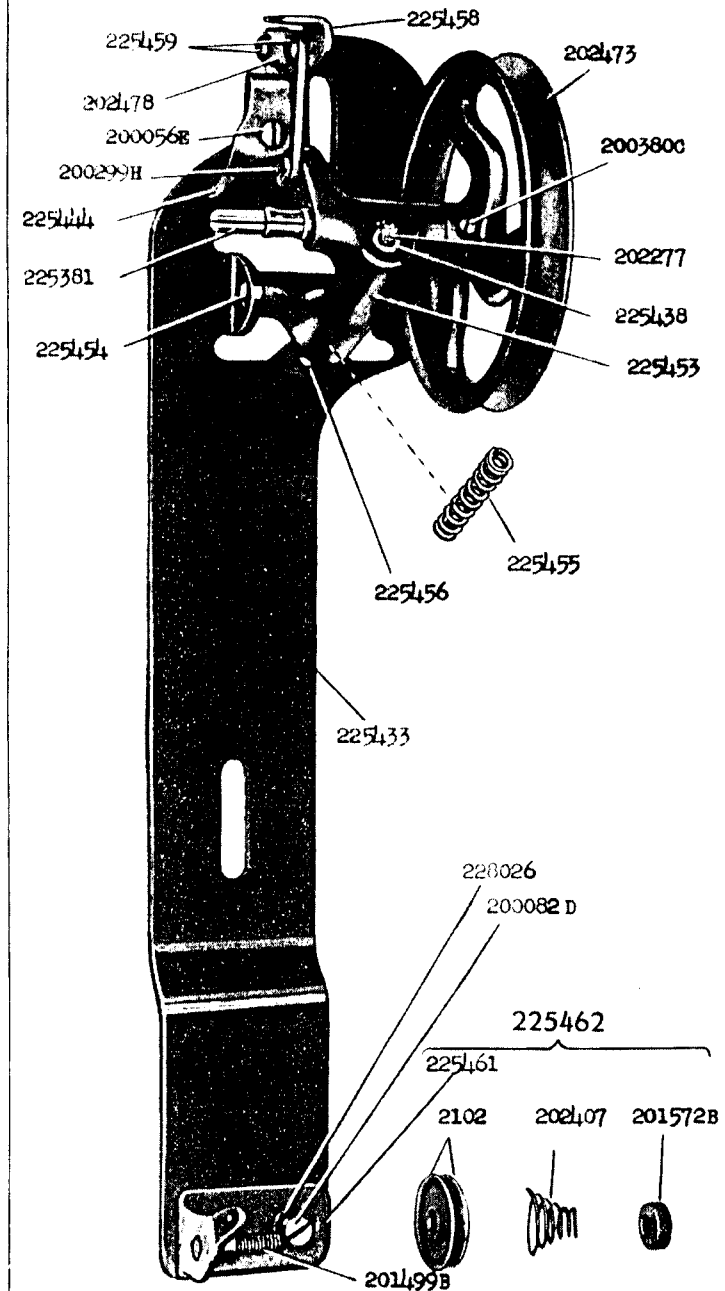


41347

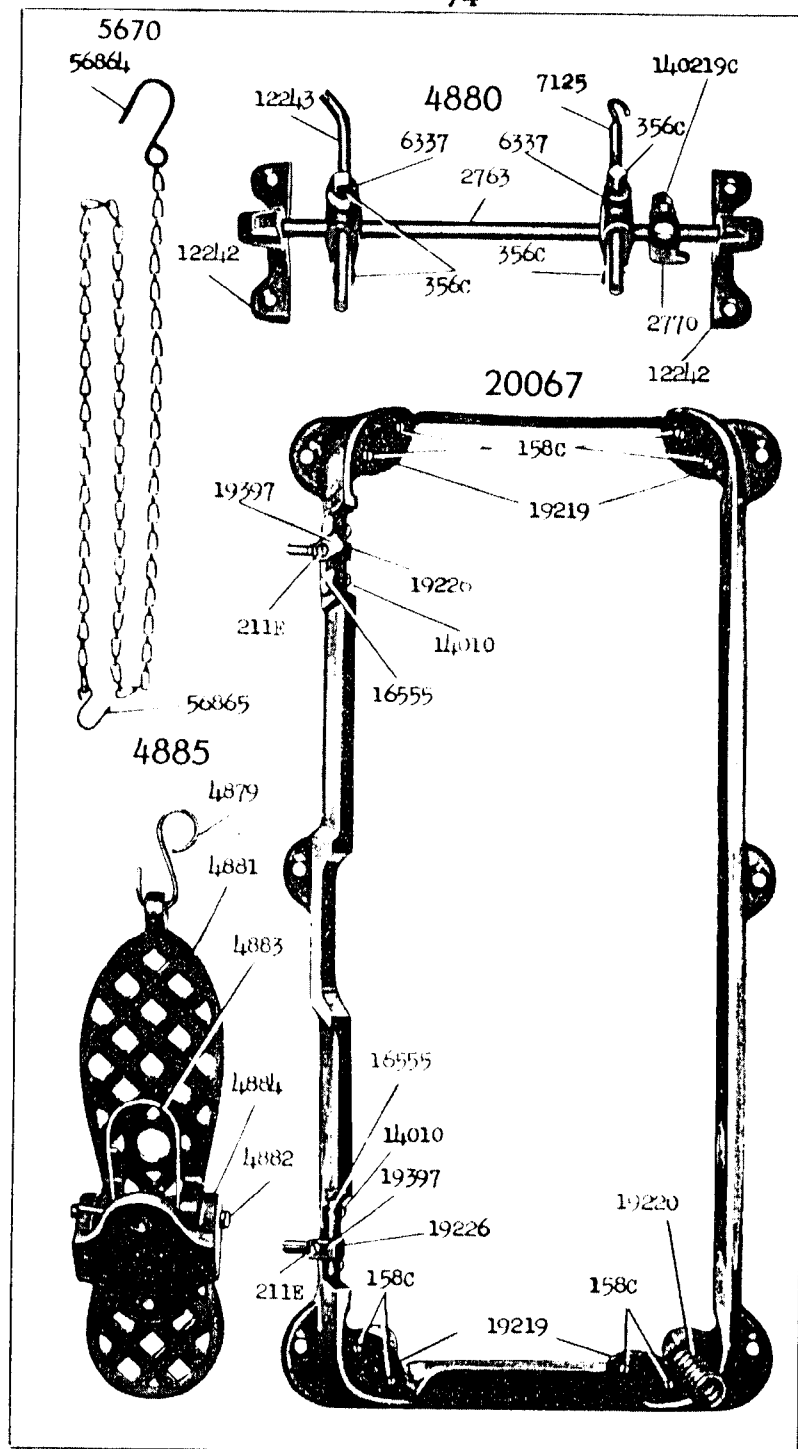


22908 - 2/3

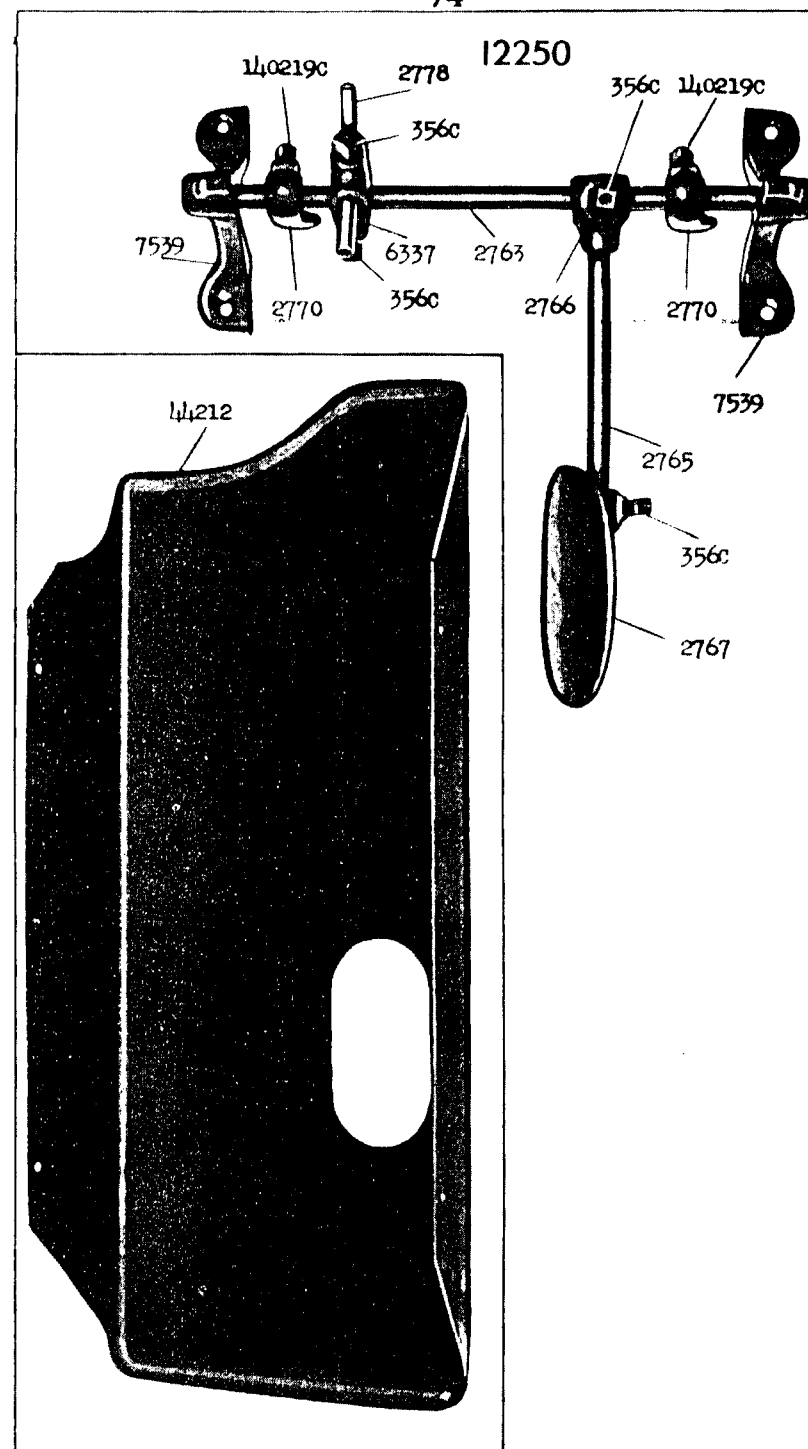
225382



22909 - 1/4



22910 - 1/4



This diagram illustrates the exploded view of a mechanical assembly, likely a container or housing. The main components and their associated parts are labeled with numbers:

- Main Housing:** 5251 (Left End), 5253 (Right End), 5252 (Top Cover), 5254 (Bottom Cover).
- Internal Components:** 5255 (Internal Bracket), 5256 (Internal Bracket), 5257 (Internal Bracket), 5258 (Internal Bracket), 5259 (Internal Bracket), 5260 (Internal Bracket), 5261 (Internal Bracket), 5262 (Internal Bracket), 5263 (Internal Bracket), 5264 (Internal Bracket), 5265 (Internal Bracket), 5266 (Internal Bracket), 5267 (Internal Bracket), 5268 (Internal Bracket), 5269 (Internal Bracket), 5270 (Internal Bracket), 5271 (Internal Bracket), 5272 (Internal Bracket), 5273 (Internal Bracket), 5274 (Internal Bracket), 5275 (Internal Bracket), 5276 (Internal Bracket), 5277 (Internal Bracket), 5278 (Internal Bracket), 5279 (Internal Bracket), 5280 (Internal Bracket), 5281 (Internal Bracket), 5282 (Internal Bracket), 5283 (Internal Bracket), 5284 (Internal Bracket), 5285 (Internal Bracket), 5286 (Internal Bracket), 5287 (Internal Bracket), 5288 (Internal Bracket), 5289 (Internal Bracket), 5290 (Internal Bracket), 5291 (Internal Bracket), 5292 (Internal Bracket), 5293 (Internal Bracket), 5294 (Internal Bracket), 5295 (Internal Bracket), 5296 (Internal Bracket), 5297 (Internal Bracket), 5298 (Internal Bracket), 5299 (Internal Bracket), 5300 (Internal Bracket).
- Fasteners and Hardware:** 5251 (Screw), 5253 (Screw), 5252 (Screw), 5254 (Screw), 5255 (Screw), 5256 (Screw), 5257 (Screw), 5258 (Screw), 5259 (Screw), 5260 (Screw), 5261 (Screw), 5262 (Screw), 5263 (Screw), 5264 (Screw), 5265 (Screw), 5266 (Screw), 5267 (Screw), 5268 (Screw), 5269 (Screw), 5270 (Screw), 5271 (Screw), 5272 (Screw), 5273 (Screw), 5274 (Screw), 5275 (Screw), 5276 (Screw), 5277 (Screw), 5278 (Screw), 5279 (Screw), 5280 (Screw), 5281 (Screw), 5282 (Screw), 5283 (Screw), 5284 (Screw), 5285 (Screw), 5286 (Screw), 5287 (Screw), 5288 (Screw), 5289 (Screw), 5290 (Screw), 5291 (Screw), 5292 (Screw), 5293 (Screw), 5294 (Screw), 5295 (Screw), 5296 (Screw), 5297 (Screw), 5298 (Screw), 5299 (Screw), 5300 (Screw).

This diagram illustrates an exploded view of a mechanical assembly, likely a vehicle's suspension or steering component. The main assembly is shown on the left, with a vertical shaft (12301) and a horizontal arm (127108). A bracket labeled 52439 groups several components including 12301, 127108, 12241, 700D, 6090, 12327, 170J, 1530J, 2230, 4530, 52438, 127241, 7098, and 52437. To the right, a vertical shaft (1133E) is shown with various components including 52024, 11204, 1450, 52023, 52022, 127236, 175E, 127231, 127305, 127246, 127245, 127282, 207E, 127041, 1133E, 51239D, 140119F, and 52448. Below the main assembly, a bracket labeled 52237 groups components 125320, 40392, 2975, 591F, 52235, 40394, 1380E, 2974, 592E, and 40264. To the right of this, a bracket labeled 127240 groups components 127242, 40274, 1367E, and 127096. Finally, a bracket labeled 127096 groups components 127102, 1053E, 12530, and 127095.

