

# **SINGER**

**281-83**

APRIL 21, 1969  
I.P.D. PRODUCT ENGINEERING DIVISION

# PRELIMINARY

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 281-83

© DENOTES FIRST LEVEL PARTS

ALS:CF

# ON AND OFF LIST

281-83 AND 281-183

ON  
281-183

## DESCRIPTION

OFF  
281-83

@9-788970-01

Commutator Sensor Assembly

@149506-900

Feed Bar 32385 with 149430 and  
two 50117(830)

149331-900

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Machine Pulley

147139

NOTE: Similar part will be  
furnished with Commutator  
Sensor Assembly No. 9-788970-01.

@23350-930

Number Plate (281-183)

23350-921

@3-811329-01

Rotary Thread Wiper

@32388

Rotating Hook

143342

@143390

Rotating Hook Bobbin Case

149063

@149488

Rotating Hook Bobbin Case Holder  
Position Bracket

149124

@9-785727-01

Underbed Trimmer Assembly

@32792

Bobbin Winder and Tension Bracket  
complete

259462

NOTE: Bobbin Winder Tension Bracket  
Screw and Screw Washer will  
be furnished with Commutator  
Sensor Assembly No. 9-788970-01.

@32392

Machine Base and Oil Reservoir  
(large) with Knee Lifter Rock Shaft

149121

APRIL 21, 1969

I.P.D. PRODUCT ENGINEERING DIVISION

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 281-83

| NO.          | AMT. | NAME                                                                                                                       |
|--------------|------|----------------------------------------------------------------------------------------------------------------------------|
| 149318-900   |      | Arm (casting) for 149318-901                                                                                               |
| 149318-901   |      | Arm (149318-900 machined)                                                                                                  |
| @149320-900  |      | Arm and Bed (bolted) Nos. 140705(805),<br>143024, 143268-001, 147490, 149318-901,<br>two each 8582, 141201(805) and 146552 |
| 141201(805)  | 2    | Arm and Bed Leg (back) Screw                                                                                               |
| 8582         | 2    | Arm Dowel Pin                                                                                                              |
| @50608(819)  |      | Arm Hole Plug Screw (top of arm) for plugging<br>hole used to assemble take-up oil wicks                                   |
| @140640(805) |      | Arm Hole Screw Plug (back of arm)                                                                                          |
| @147109      |      | Arm Hole Screw Plug Gasket                                                                                                 |
| 140705(805)  |      | Arm Screw (back)                                                                                                           |
| 146552       | 2    | Arm Screw (front and intermediate)                                                                                         |
| 149321-900   |      | Arm Shaft (horizontal, blank) for 149321-901                                                                               |
| 149321-901   |      | Arm Shaft (horizontal) (149321-900 machined)                                                                               |
| 149322-900   |      | Arm Shaft (horizontal) with 141202(805) and<br>two each 97-2414 and 50555(805) (149321-901<br>machined)                    |
| @149324      |      | Arm Shaft (horizontal) 149322-900 with<br>1036(830), 97-3653 and 140542(830)                                               |

| NO.          | AMT. | NAME                                                                                                                |
|--------------|------|---------------------------------------------------------------------------------------------------------------------|
| 23131-900    |      | Arm Shaft (horizontal) Bushing (center) for 23131 (This is No. 23131 as received from supplier, less machined flat) |
| @23131       |      | Arm Shaft (horizontal) Bushing (center) (23131-900 machined)                                                        |
| @140296(830) |      | Arm Shaft (horizontal) Bushing (center) Set Screw                                                                   |
| 16341-900    |      | Arm Shaft (horizontal) Flanged Bushing (back)                                                                       |
| @147112-001  |      | Arm Shaft (horizontal) Flanged Bushing (back) 16341-900 with 97-3951                                                |
| 97-3951      |      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Hole Plug                                                         |
| 97-3656      |      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube                                                         |
| @146790      |      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube 97-3656 with 97-3657                                    |
| 97-3657      |      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube Holder                                                  |
| @207(805)    |      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube Holder Screw                                            |
| @140297(830) |      | Arm Shaft (horizontal) Flanged Bushing (back) Set Screw                                                             |
| 16342-901    |      | Arm Shaft (horizontal) Flanged Bushing (front) Casting for 16342-900                                                |
| 16342-900    |      | Arm Shaft (horizontal) Flanged Bushing (front) (16342-901 machined)                                                 |
| @147005-001  |      | Arm Shaft (horizontal) Flanged Bushing (front) 16342-900 with 97-2288                                               |
| 97-2288      |      | Arm Shaft (horizontal) Flanged Bushing (front) Drain Tube                                                           |
| @140279(830) |      | Arm Shaft (horizontal) Flanged Bushing (front) Set Screw                                                            |

| NO.                                                                                                                                             | AMT. | NAME                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------|
| 21990-900                                                                                                                                       | 2    | Arm Shaft (horizontal) Plug (blank) for 97-2414                                                  |
| 97-2414                                                                                                                                         | 2    | Arm Shaft (horizontal) Plug (21990-900 machine)                                                  |
| 50555(805)                                                                                                                                      | 2    | Arm Shaft (horizontal) Plug Screw                                                                |
| @144(804)                                                                                                                                       |      | Arm Shaft (horizontal) Screw (back)                                                              |
| 141202(805)                                                                                                                                     |      | Arm Shaft (horizontal) Screw Plug (front)                                                        |
| 97-21169                                                                                                                                        |      | Arm Shaft (horizontal) Thrust Collar                                                             |
| @147468                                                                                                                                         |      | Arm Shaft (horizontal) Thrust Collar 97-21169 with two 624(830)                                  |
| 624(830)                                                                                                                                        | 2    | Arm Shaft (horizontal) Thrust Collar Set Screw                                                   |
| 143013-900                                                                                                                                      |      | Arm Shaft (upright) Blank for 143013                                                             |
| @143013                                                                                                                                         |      | Arm Shaft (upright) (143013-900 machined)                                                        |
| @143014                                                                                                                                         |      | Arm Shaft (upright) Bevel Gear (lower) right hand spiral with two 1259(830)                      |
| NOTE: To ensure proper functioning of Gears, No. 143014 will not be furnished to Agencies, but will be substituted by Pair of Gears No. 143295. |      |                                                                                                  |
| 1259(830)                                                                                                                                       | 2    | Arm Shaft (upright) Bevel Gear (lower) Set Screw                                                 |
| 143015-900                                                                                                                                      |      | Arm Shaft (upright) Bevel Gear (upper, blank) for 143015                                         |
| @143015                                                                                                                                         |      | Arm Shaft (upright) Bevel Gear (upper) left hand spiral with two 1259(830) (143015-900 machined) |
| NOTE: To ensure proper functioning of Gears, No. 143015 will not be furnished to Agencies, but will be substituted by Pair of Gears No. 147476. |      |                                                                                                  |
| 1259(830)                                                                                                                                       | 2    | Arm Shaft (upright) Bevel Gear (upper) Set Screw                                                 |

| NO.         | AMT. | NAME                                                                                                                                                                               |
|-------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @143016-001 |      | Arm Shaft (upright) Bushing (lower)                                                                                                                                                |
| 147111-900  |      | Arm Shaft (upright) Bushing (upper) Casting for 147111-001                                                                                                                         |
| @147111-001 |      | Arm Shaft (upright) Bushing (upper) (147111-900 machined)                                                                                                                          |
| 97-23135    |      | Arm Top Cover (casting) for 147011 and 147012                                                                                                                                      |
| 147011      |      | Arm Top Cover (back) for 147013 (97-23135 machined)                                                                                                                                |
| 147012      |      | Arm Top Cover (back) for 147014 (97-23135 machined)                                                                                                                                |
| @147013     |      | Arm Top Cover (back) with Stitch Regulator Plunger complete, Nos. 13288, 64519, 147011 and 147105                                                                                  |
| 147014      |      | Arm Top Cover (back) with Stitch Regulator Plunger complete, when a longer Spool Pin (3 1/2 in. long) is required, Nos. 13288, 64519, 143244, 147012 and 147105                    |
| @147015     |      | Arm Top Cover (back) Gasket                                                                                                                                                        |
| @51369(819) | 4    | Arm Top Cover (back) Screw                                                                                                                                                         |
| 97-2418     |      | Arm Top Cover (back) Spool Pin                                                                                                                                                     |
| 97-2419     |      | Arm Top Cover (back) Spool Pin Spool Rest                                                                                                                                          |
| 143244      |      | Arm Top Cover (back) Spool Pin with Spool Rest, 3 1/2 in. long, Nos. 97-2418 and 97-2419                                                                                           |
| 147105      |      | Arm Top Cover (back) Stitch Regulator Plunger                                                                                                                                      |
| 140607(819) |      | Arm Top Cover (back) Stitch Regulator Plunger Hole Plug Screw for plugging the Plunger Hole when the plunger is removed to prevent tampering with the Stitch Set (for Agents only) |
| 64519       |      | Arm Top Cover (back) Stitch Regulator Plunger Spring                                                                                                                               |
| 13288       |      | Arm Top Cover (back) Stitch Regulator Plunger Stop Ring                                                                                                                            |

| NO.                                                                                                                                             | AMT. | NAME                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 149326-900                                                                                                                                      |      | Arm Top Cover (front) Casting for 149326                                                                                                                                             |
| 149326                                                                                                                                          |      | Arm Top Cover (front) with 140999(819) and 143435 (149326-900 machined)                                                                                                              |
| @149327                                                                                                                                         |      | Arm Top Cover (front) with Stitch Regulator Plunger complete, Nos. 22591, 64519, 149326 and 264709                                                                                   |
| @149423                                                                                                                                         |      | Arm Top Cover (front) Gasket                                                                                                                                                         |
| 140999(819)                                                                                                                                     |      | Arm Top Cover (front) Plug Screw (left)                                                                                                                                              |
| 143435                                                                                                                                          |      | Arm Top Cover (front) Plug Screw (left) Gasket                                                                                                                                       |
| @51369(819)                                                                                                                                     | 4    | Arm Top Cover (front) Screw                                                                                                                                                          |
| 22591                                                                                                                                           |      | Arm Top Cover (front) Stitch Regulator Plunger                                                                                                                                       |
| 264709                                                                                                                                          |      | Arm Top Cover (front) Stitch Regulator Plunger Cap with 200364(803)                                                                                                                  |
| 200364(803)                                                                                                                                     |      | Arm Top Cover (front) Stitch Regulator Plunger Cap Set Screw                                                                                                                         |
| 140607(819)                                                                                                                                     |      | Arm Top Cover (front) Stitch Regulator Plunger Hole Plug Screw (for plugging the Plunger Hole when the Plunger is removed to prevent tampering with the Stitch Set (for Agents only) |
| 64519                                                                                                                                           |      | Arm Top Cover (front) Stitch Regulator Plunger Spring                                                                                                                                |
| 147490-999                                                                                                                                      |      | Bed Casting for 147490                                                                                                                                                               |
| *147490                                                                                                                                         |      | Bed (147490-999 machined)                                                                                                                                                            |
| NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent as a unit, Arm and Bed assembled. |      |                                                                                                                                                                                      |
| 143024                                                                                                                                          |      | Bed Hole Plug                                                                                                                                                                        |
| 143268-001                                                                                                                                      |      | Bed Leg (back)                                                                                                                                                                       |
| @97-2443                                                                                                                                        |      | Bed Leg (front, long)                                                                                                                                                                |

| NO.        | AMT. | NAME                                                                                                                                            |
|------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| @97-2444   |      | Bed Leg (front, short)                                                                                                                          |
| 12431(819) |      | Bed Slide (for Agents only)                                                                                                                     |
| 4307       |      | Bed Slide Spring                                                                                                                                |
| 725(819)   | 2    | Bed Slide Spring Screw                                                                                                                          |
| 12432      |      | Bed Slide complete, Nos. 4307, 12431(819) and two 725(819) (for Agents only)                                                                    |
| @12432-900 |      | Bed Slide complete, Nos. 4307 and two 725(819) (factory use only)                                                                               |
| @143373    |      | Bell Crank                                                                                                                                      |
| @143374    |      | Bell Crank Bracket                                                                                                                              |
| @158(819)  | 2    | Bell Crank Bracket Screw                                                                                                                        |
| 143104-900 |      | Bell Crank Hinge Pin (blank) for 143104                                                                                                         |
| @143104    |      | Bell Crank Hinge Pin (143104-900 machined)                                                                                                      |
| 143375     |      | Bell Crank complete Nos. 143104, 143373 and 143374 (for Agents only)                                                                            |
| 147469     |      | Combination of Feed and Stitch Regulator Parts, Nos. 143015, 143040, 143049, 143087, 143134, 147472-002, 147473 and 97-23293 (for Agents only)  |
| @97-21170  |      | Combination of Feed and Stitch Regulator Parts, Nos. 143040, 143049, 143087, 143134, 147472-002, 147473 and 97-23293                            |
| 149328     |      | Combination of Vibrating Presser Bar, Feed and Stitch Regulator Parts, Nos. 143087, 143134, 149046, 149353, 149354, 149355, 149411 and 97-23293 |
| @149418    |      | Combination of Vibrating Presser Bar, Feed and Stitch Regulator Parts, Nos. 149328, 149420 and 156758                                           |
| 97-23293   | 2    | Dummy Shaft                                                                                                                                     |
| 149329-900 |      | Face Plate (casting) for 149329                                                                                                                 |

| NO.         | AMT. | NAME                                                                 |
|-------------|------|----------------------------------------------------------------------|
| @149329     |      | Face Plate (149329-900 machined)                                     |
| @149330     |      | Face Plate Gasket                                                    |
| @152(819)   | 4    | Face Plate Screw                                                     |
| 97-22749    |      | Feed Bar (forging) for 97-21171                                      |
| 97-21171    |      | Feed Bar (97-22749 machined)                                         |
| 147470      |      | Feed Bar 97-21171 with 97-20650                                      |
| 147471      |      | Feed Bar 147470 with 21478, 147290, 147355, 147356 and two 1423(803) |
| @149331-900 |      | Feed Bar 147471 with 149430 and two 50117(830)                       |
| 97-21884    |      | Feed Bar Carrier (forging) for 97-20839                              |
| 97-20839    |      | Feed Bar Carrier (97-21884 machined)                                 |
| 147355      |      | Feed Bar Carrier 97-20839 with two each 158(805) and 140788(805)     |
| 158(805)    | 2    | Feed Bar Carrier Clamping Screw                                      |
| 143031      |      | Feed Bar Carrier Oil Wick                                            |
| 97-24508    |      | Feed Bar Carrier Oil Wick Holder                                     |
| @147024     |      | Feed Bar Carrier Oil Wick Holder 97-24508 with 143031                |
| @228(805)   | 2    | Feed Bar Carrier Oil Wick Holder Screw                               |
| 21478       |      | Feed Bar Connecting Link                                             |
| 1423(803)   | 2    | Feed Bar Connecting Link Cap Screw                                   |
| 147356-900  |      | Feed Bar Hinge Pin (blank) for 147356                                |
| 147356      |      | Feed Bar Hinge Pin (eccentric) (147356-900 machined)                 |
| 140788(805) | 2    | Feed Bar Hinge Pin Clamping Screw                                    |
| 97-20650    |      | Feed Bar Hinge Stud                                                  |

| NO.          | AMT. | NAME                                                                                                                                                      |
|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 149430       |      | Feed Dog (22 teeth per inch)                                                                                                                              |
| 50117(830)   | 2    | Feed Dog Screw                                                                                                                                            |
| 29439-900    |      | Feed Eccentric Blank for 97-20957                                                                                                                         |
| 97-20957     |      | Feed Eccentric (29439-900 machined)                                                                                                                       |
| 147472-002   |      | Feed Eccentric 97-20957 with 97-21172                                                                                                                     |
| 29496-900    |      | Feed Eccentric Body (blank) for 97-21181                                                                                                                  |
| 97-21181     |      | Feed Eccentric Body (29496-900 machined)                                                                                                                  |
| 97-21172     |      | Feed Eccentric Body 97-21181 with 1375(830) and two 1036(830)                                                                                             |
| 1375(830)    |      | Feed Eccentric Body Position Screw                                                                                                                        |
| 1036(830)    | 2    | Feed Eccentric Body Set Screw                                                                                                                             |
| @140257(830) |      | Feed Eccentric Stop Screw ( 5 1/2 stitch )                                                                                                                |
|              |      | NOTE: No. 140257(830) is regularly furnished with this machine.                                                                                           |
| 140568(830)  |      | Feed Eccentric Stop Screw (8 stitch)                                                                                                                      |
| 140256(830)  |      | Feed Eccentric Stop Screw (7 stitch)                                                                                                                      |
| 141151(830)  |      | Feed Eccentric Stop Screw (10 stitch)                                                                                                                     |
| 140258(830)  |      | Feed Eccentric Stop Screw (14 stitch)                                                                                                                     |
| 147473-900   |      | Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear (right hand spiral) Blank for 147473                                                         |
| 147473       |      | Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear, right hand spiral with 1259(830), 140333(830) and 143088 (147473-900 machined)              |
|              |      | NOTE: To ensure proper functioning of Gears, No. 147473 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 147476. |

| NO.         | AMT. | NAME                                                                                                                                     |
|-------------|------|------------------------------------------------------------------------------------------------------------------------------------------|
| 140333(830) |      | Feed Lifting Eccentric Position Screw                                                                                                    |
| 1259(830)   |      | Feed Lifting Eccentric Set Screw                                                                                                         |
| 147025-900  |      | Feed Lifting Rock Shaft (blank) for 147025-001                                                                                           |
| 147025-001  |      | Feed Lifting Rock Shaft (147025-900 machined)                                                                                            |
| @147030-001 |      | Feed Lifting Rock Shaft 147025-001 with 13996, 140359(805), 147038 and suitable length of No. 1229 White Lighter Wicking                 |
| 23132-900   |      | Feed Lifting Rock Shaft Bushing (back) for 23132 (this is No. 23132 as received from supplier, less O.D. centerless grinding operation)  |
| @23132      |      | Feed Lifting Rock Shaft Bushing (back) (23132-900 machined)                                                                              |
| @624(830)   |      | Feed Lifting Rock Shaft Bushing (back) Set Screw                                                                                         |
| 23132-900   |      | Feed Lifting Rock Shaft Bushing (front) for 23132 (this is No. 23132 as received from supplier, less O.D. centerless grinding operation) |
| @23132      |      | Feed Lifting Rock Shaft Bushing (front) (23132-900 machined)                                                                             |
| @624(830)   |      | Feed Lifting Rock Shaft Bushing (front) Set Screw                                                                                        |
| 97-3646     | 2    | Feed Lifting Rock Shaft Collar                                                                                                           |
| @147029     | 2    | Feed Lifting Rock Shaft Collar 97-3646 with two 460(830)                                                                                 |
| 460(830)    | 4    | Feed Lifting Rock Shaft Collar Set Screw                                                                                                 |
| 97-21878    |      | Feed Lifting Rock Shaft Connecting Rod (forging) for 143040                                                                              |
| 143040      |      | Feed Lifting Rock Shaft Connecting Rod (97-21878 machined)                                                                               |
| 140230-900  |      | Feed Lifting Rock Shaft Connecting Rod Hinge Screw for 140230 "803" finish requirements                                                  |

| NO.          | AMT. | NAME                                                                                                             |
|--------------|------|------------------------------------------------------------------------------------------------------------------|
| @140230(803) |      | Feed Lifting Rock Shaft Connecting Rod Hinge Screw (140230-900 with "803" finish)                                |
| @1518(809)   |      | Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut                                                           |
| 97-23045     |      | Feed Lifting Rock Shaft Crank (back, casting) for 149074                                                         |
| @149074      |      | Feed Lifting Rock Shaft Crank (back) with 140228(805) (97-23045 machined)                                        |
| 140228(805)  |      | Feed Lifting Rock Shaft Crank (back) Clamping Screw                                                              |
| 147290-900   |      | Feed Lifting Rock Shaft Crank (front, blank) for 147290                                                          |
| 147290       |      | Feed Lifting Rock Shaft Crank (front) with 140437(830) and 97-20650 (147290-900 machined)                        |
| 140437(830)  |      | Feed Lifting Rock Shaft Crank (front) Clamping Screw                                                             |
| 97-20650     |      | Feed Lifting Rock Shaft Crank (front) Hinge Stud                                                                 |
| 140359(805)  |      | Feed Lifting Rock Shaft Oil Screw Plug                                                                           |
| 147037       | 2    | Feed Lifting Rock Shaft Oil Wick (short) (for Agents only)                                                       |
| 147038       |      | Feed Lifting Rock Shaft Oil Wick (long)                                                                          |
| 147039-900   |      | Feed Lifting Rock Shaft Oil Wick                                                                                 |
| 13996        |      | Feed Lifting Rock Shaft Oil Wick 147039-900 with 13997-900                                                       |
| 13997-900    |      | Feed Lifting Rock Shaft Oil Wick Fastener                                                                        |
| 147040-001   |      | Feed Rock Shaft                                                                                                  |
| @147041-001  |      | Feed Rock Shaft 147040-001 with 13996, 140359(805), 147046 and suitable length of No. 1229 White Lighter Wicking |

| NO.          | AMT. | NAME                                                                                |
|--------------|------|-------------------------------------------------------------------------------------|
| 23133-900    |      | Feed Rock Shaft Bushing (back) (less O.D. centerless grinding operation) for 23133  |
| @23133       |      | Feed Rock Shaft Bushing (back) (23133-900 machined)                                 |
| @624(830)    |      | Feed Rock Shaft Bushing (back) Set Screw                                            |
| 23134-900    |      | Feed Rock Shaft Bushing (front) (less O.D. centerless grinding operation) for 23134 |
| @23134       |      | Feed Rock Shaft Bushing (front) (23134-900 machined)                                |
| @624(830)    |      | Feed Rock Shaft Bushing (front) Set Screw                                           |
| 97-3646      |      | Feed Rock Shaft Collar                                                              |
| @147029      |      | Feed Rock Shaft Collar 97-3646 with two 460(830)                                    |
| 460(830)     | 2    | Feed Rock Shaft Collar Set Screw                                                    |
| 97-22041     |      | Feed Rock Shaft Connecting Rod (forging) for 143049                                 |
| 143049       |      | Feed Rock Shaft Connecting Rod (97-22041 machined)                                  |
| 140230-900   |      | Feed Rock Shaft Connecting Rod Hinge Screw for 140230 "803" finish requirements     |
| @140230(803) |      | Feed Rock Shaft Connecting Rod Hinge Screw (140230-900 with "803" finish)           |
| @1518(809)   |      | Feed Rock Shaft Connecting Rod Hinge Screw Nut                                      |
| 97-21284     |      | Feed Rock Shaft Crank (casting) for 146099                                          |
| @146099      |      | Feed Rock Shaft Crank with 140228(805) (97-21284 machined)                          |
| 140228(805)  |      | Feed Rock Shaft Crank Clamping Screw                                                |
| 140359(805)  |      | Feed Rock Shaft Oil Screw Plug                                                      |
| 147045       | 2    | Feed Rock Shaft Oil Wick (short) (for Agents only)                                  |

| NO.         | AMT. | NAME                                                                                                                 |
|-------------|------|----------------------------------------------------------------------------------------------------------------------|
| 147046      |      | Feed Rock Shaft Oil Wick (long)                                                                                      |
| 147039-900  |      | Feed Rock Shaft Oil Wick                                                                                             |
| 13996       |      | Feed Rock Shaft Oil Wick 147039-900 with 13997-900                                                                   |
| 13997-900   |      | Feed Rock Shaft Oil Wick Fastener                                                                                    |
| @50190(819) |      | Guide Thumb Screw                                                                                                    |
| 97-3581     |      | Machine Pulley (casting) for 147139                                                                                  |
| @147139     |      | Machine Pulley small rim diam. (disc power) "V" belt groove 2.9 in. diam., with two 51283(830) (97-3581 machined)    |
|             |      | NOTE: No. 147139 is regularly furnished.                                                                             |
| 51283(830)  | 2    | Machine Pulley Set Screw                                                                                             |
| 147140-900  |      | Machine Pulley (casting) for 147140                                                                                  |
| 147140      |      | Machine Pulley large rim diam. (disc power) "V" belt groove 2.9 in. diam., with two 51283(830) (147140-900 machined) |
| @22557      |      | Magnet (for removing iron particles from oil)                                                                        |
|             |      | NOTE: No. 22557 is to be assembled to machine after sewing test.                                                     |
| @22558      |      | Magnet Retaining Clamp                                                                                               |
| @157(805)   |      | Magnet Retaining Clamp and Oil Pump (centrifugal) Body Screw                                                         |
| @-----      |      | Needle Catalog No. 1955 (Size No. 16)                                                                                |
| 149220-900  |      | Needle Bar Blank for 149220-002                                                                                      |
| 149220-002  |      | Needle Bar (hollow) with 140239(830) (149220-900 machined)                                                           |
| @21148-001  |      | Needle Bar (hollow) complete, Nos. 140036(803), 149220-002 and 149235-003                                            |
|             |      | NOTE: No. 21148-001 is furnished as regular to the machine.                                                          |

| NO.         | AMT. | NAME                                                            |
|-------------|------|-----------------------------------------------------------------|
| 147113-900  |      | Needle Bar Bushing (lower) Blank for 147113                     |
| @147113     |      | Needle Bar Bushing (lower) (147113-900 machined)                |
| @1133(830)  |      | Needle Bar Bushing (lower) Set Screw                            |
| @147114     |      | Needle Bar Bushing (lower) Thread Eyelet                        |
| @12990      |      | Needle Bar Bushing (upper) Nos. 12978-901 and 12989-901         |
| 12978-901   |      | Needle Bar Bushing (upper) Insert                               |
| @1133(830)  |      | Needle Bar Bushing (upper) Set Screw                            |
| 12989-901   |      | Needle Bar Bushing (upper) Shell                                |
| 97-21843    |      | Needle Bar Connecting Link (forging) for 147492-002             |
| 147492-002  |      | Needle Bar Connecting Link (97-21843 machined)                  |
| 140231(803) |      | Needle Bar Connecting Link Cap Screw                            |
| 143056      | 18   | Needle Bar Connecting Link Roller Bearing                       |
| 97-22147    |      | Needle Bar Connecting Stud (forging) for 143326                 |
| 143326      |      | Needle Bar Connecting Stud with 140706(803) (97-22147 machined) |
| 140706(803) |      | Needle Bar Connecting Stud Clamping Screw                       |
| 147053-900  |      | Needle Bar Connecting Stud Oil Wick for 147296                  |
| 147053      |      | Needle Bar Connecting Stud Oil Wick (for Agents only)           |
| 143058-900  |      | Needle Bar Connecting Stud Slide Block Blank for 143058         |
| 143058      |      | Needle Bar Connecting Stud Slide Block (143058-900 machined)    |
| 97-23305    |      | Needle Bar Crank (blank) for 97-3653                            |

| NO.         | AMT. | NAME                                                                                                                             |
|-------------|------|----------------------------------------------------------------------------------------------------------------------------------|
| 97-3653     |      | Needle Bar Crank with 141208(830)<br>(97-23305 machined)                                                                         |
| 140542(830) |      | Needle Bar Crank Position Screw                                                                                                  |
| 143196      |      | Needle Bar Oil Wick (for Agents only)                                                                                            |
| 149235-003  |      | Needle Bar Thread Guard                                                                                                          |
| 140036(803) |      | Needle Bar Thread Guard Screw                                                                                                    |
| 140239(830) |      | Needle Set Screw                                                                                                                 |
| @23350-921  |      | Number Plate (281-83)                                                                                                            |
| @143176     | 2    | Number Plate Rivet                                                                                                               |
| @146591     |      | Oil Flow Body                                                                                                                    |
| @143061     | 2    | Oil Flow Body Gasket                                                                                                             |
| @143062     |      | Oil Flow Window                                                                                                                  |
| @143063     |      | Oil Flow Window Cap                                                                                                              |
| @50257(809) | 4    | Oil Flow Window Cap Screw                                                                                                        |
| @143370     |      | Oil Lead                                                                                                                         |
| @51369(805) |      | Oil Lead Screw                                                                                                                   |
| 143064-900  |      | Oil Pipe (blank) for 143064                                                                                                      |
| @143064     |      | Oil Pipe (143064-900 machined)                                                                                                   |
| @143384     |      | Oil Pipe for oiling Rotating Hook Shaft<br>(front) Bearing                                                                       |
| 143065      |      | Oil Pipe Clamping Sleeve                                                                                                         |
| 143066      |      | Oil Pipe Clamping Sleeve Nut                                                                                                     |
| 147106      |      | Oil Pipe complete from Oil Pump to Arm Shaft<br>(horizontal) Center Bearing, Nos. 143064,<br>143065 and 143066 (for Agents only) |

| NO.         | AMT. | NAME                                                                                       |
|-------------|------|--------------------------------------------------------------------------------------------|
| 143387      |      | Oil Pipe 143384 with 143124 for oiling Rotating Hook Shaft Front Bearing (for Agents only) |
| @143124     |      | Oil Pipe Clamping Sleeve                                                                   |
| @143125     |      | Oil Pipe Clamping Sleeve Nut                                                               |
| 143126      |      | Oil Pipe Clamping Sleeve Nut Adaptor                                                       |
| 143070      |      | Oil Pump (centrifugal) Body with 143126 and 97-2247                                        |
| @97-21662   |      | Oil Pump (centrifugal) Body 143070 with 143065 and 143066                                  |
| @143071     | 2    | Oil Pump (centrifugal) Body Position Pin                                                   |
| @157(805)   | 2    | Oil Pump (centrifugal) Body Screw                                                          |
| @143072     |      | Oil Pump (centrifugal) Cover                                                               |
| @143073     |      | Oil Pump (centrifugal) Impeller                                                            |
| 97-2247     |      | Oil Pump (centrifugal) Impeller Bushing                                                    |
| @50123(805) |      | Oil Pump (centrifugal) Impeller Locking Screw                                              |
| @143074     |      | Oil Pump (centrifugal) Screen                                                              |
| @143075     |      | Oil Pump (centrifugal) Screen Frame                                                        |
| @189(805)   | 4    | Oil Pump (centrifugal) Screen Frame Screw                                                  |
| 147107      |      | Oil Removing Wick (head end)                                                               |
| 146745      |      | Oil Removing Wick (head end) Holder Body Nos. 97-3263 and 97-3264                          |
| 97-3263     |      | Oil Removing Wick (head end) Holder Body Section (lower)                                   |
| 97-3264     |      | Oil Removing Wick (head end) Holder Body Section (upper)                                   |
| 147108      |      | Oil Removing Wick (head end) Holder Body 146745 with 146698 and 147107 (for Agents only)   |

| NO.          | AMT. | NAME                                                                                                                                                         |
|--------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 140553(805)  |      | Oil Removing Wick (head end) Holder Body Hinge Screw                                                                                                         |
| 97-23972     |      | Oil Removing Wick (head end) Holder Body Stop and Spring Clip                                                                                                |
| 146698       |      | Oil Removing Wick (head end) Holder Body Spring                                                                                                              |
| 97-23971     |      | Oil Removing Wick (head end) Hinge Plate and Cover                                                                                                           |
| 149205       |      | Oil Removing Wick (head end) Hinge Plate and Cover 97-23971 with 97-23972                                                                                    |
| 147055       |      | Oil Removing Wick (head end) Hinge Plate and Cover Gasket                                                                                                    |
| @197(819)    | 4    | Oil Removing Wick (head end) Hinge Plate and Cover Screw                                                                                                     |
| @149206      |      | Oil Removing Wick (head end) Holder Body complete, Nos. 140553(805), 146698, 146745, 147055, 147107 and 149205                                               |
| 97-2231      |      | Oil Tube (long)                                                                                                                                              |
| 97-2230      |      | Oil Tube (medium)                                                                                                                                            |
| 97-2118      |      | Oil Tube (short)                                                                                                                                             |
| 147141       | 2    | Oil Wick, 11 in. long for oiling Take-up Lever, Take-up Lever Link, Needle Bar Connecting Link and Thread Take-up Lever Link Hinge Bearing (for Agents only) |
| 97-20443     |      | Oil Wick Holder                                                                                                                                              |
| 149432-900   |      | Oil Wick Holder 97-20443 with 97-2118, 97-2230 and 97-2231                                                                                                   |
| @149433      |      | Oil Wick Holder complete, Nos. 149432-900 and two suitable lengths of No. 1229 white lighter wick                                                            |
| @149224      |      | Oil Wick Holder Plug (felt)                                                                                                                                  |
| @140232(819) |      | Oil Wick Holder Screw                                                                                                                                        |

| NO.        | AMT. | NAME                                                                                              |
|------------|------|---------------------------------------------------------------------------------------------------|
| 143295     |      | Pair of Gears for Lower Shaft Nos. 143014 and 143081 (for Agents only)                            |
| 147476     |      | Pair of Gears for Upper Shaft Nos. 143015 and 147473 (for Agents only)                            |
| @149332    |      | Presser Bar                                                                                       |
| @149333    |      | Presser Bar Bushing                                                                               |
| @1133(830) |      | Presser Bar Bushing Set Screw                                                                     |
| 149334-900 |      | Presser Bar Guide Bracket (Investment Casting) for 149334                                         |
| @149334    |      | Presser Bar Guide Bracket with 50203(830) (149334-900 machined)                                   |
| 50203(830) |      | Presser Bar Guide Bracket Clamping Screw                                                          |
| @147060    |      | Presser Bar Lifter                                                                                |
| @69(850)   |      | Presser Bar Lifter Hinge Screw                                                                    |
| 149335-900 |      | Presser Bar Lifting Bracket (Investment Casting) for 149335                                       |
| @149335    |      | Presser Bar Lifting Bracket with 217(803) (149335-900 machined)                                   |
| 217(803)   |      | Presser Bar Lifting Bracket Screw                                                                 |
| @149415    |      | Presser Bar Lifting Bracket Spring                                                                |
| 149337-900 |      | Presser Bar Lifting Lever (casting) for 149337                                                    |
| @149337    |      | Presser Bar Lifting Lever (149337-900 machined)                                                   |
| 23099-900  |      | Presser Bar Lifting Lever Connecting Rod for 23099 (as received from Vendor, less finish)         |
| @23099     |      | Presser Bar Lifting Lever Connecting Rod (23099-900 with finish)                                  |
| 53623-900  |      | Presser Bar Lifting Lever Connecting Rod Nut (as received from Vendor less finish) for 53623(809) |

| NO.          | AMT. | NAME                                                                                                                                  |
|--------------|------|---------------------------------------------------------------------------------------------------------------------------------------|
| @53623(809)  |      | Presser Bar Lifting Lever Connecting Rod Nut (53623-900 with finish)                                                                  |
| 53623-900    |      | Presser Bar Lifting Lever Connecting Rod Nut Lock Nut (as received from Vendor less finish) for 53623(809)                            |
| @53623(809)  |      | Presser Bar Lifting Lever Connecting Rod Nut Lock Nut (53623-900 with finish)                                                         |
| @143191      |      | Presser Bar Lifting Lever Connecting Rod Oil Mist Retaining Disc (felt)                                                               |
| @143109      |      | Presser Bar Lifting Lever Connecting Rod Swivel                                                                                       |
| 149338-900   |      | Presser Bar Lifting Lever Extension (as received from outside vendor) for 149338                                                      |
| @149338      |      | Presser Bar Lifting Lever Extension (149338-900 machined)                                                                             |
| @50128(803)  |      | Presser Bar Lifting Lever Extension Screw                                                                                             |
| @802(809)    |      | Presser Bar Lifting Lever Hinge Screw                                                                                                 |
| @146610      |      | Presser Bar Lifting Lever Spring                                                                                                      |
| @149339      |      | Presser Bar Plunger                                                                                                                   |
| 149340       |      | Presser Bar Plunger Head                                                                                                              |
| 149341       |      | Presser Bar Plunger Head Hinge Pin                                                                                                    |
| 149437       |      | Presser Bar Plunger Head Hinge Pin Oil Wick (1/8 in. diam. x 7/8 in. long S.A.E. F-1 felt wick) for use with 149341 (for Agents only) |
| 13288        | 2    | Presser Bar Plunger Head Hinge Pin Retaining Ring                                                                                     |
| @149424      |      | Presser Bar Plunger Plug                                                                                                              |
| @149342      |      | Presser Bar Spring                                                                                                                    |
| @59456       |      | Presser Bar Spring Washer                                                                                                             |
| @141479(819) |      | Presser Bar Thumb Screw                                                                                                               |

| NO.         | AMT. | NAME                                                                                                                                                 |
|-------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 149451      |      | Presser Foot Plate                                                                                                                                   |
| 149452      |      | Presser Foot Plate Hinge Pin                                                                                                                         |
| 149453      |      | Presser Foot Shank with 141300(803)                                                                                                                  |
| 141300(803) |      | Presser Foot Shank Clamping Screw                                                                                                                    |
| @149454     |      | Presser Foot (hinged) complete, Nos. 149451, 149452 and 149453                                                                                       |
| 97-4584     |      | Rotating Hook (blank) for 97-4333                                                                                                                    |
| 97-4333     |      | Rotating Hook (97-4584 machined)                                                                                                                     |
| @143342     |      | Rotating Hook Nos. 97-2222, 97-2470, 97-2617, 97-4333, 143301-001, 143351, 149064, 149065, 149066, two 1253(830), three 1367(805) and four 1053(805) |
| 143342-698  |      | Rotating Hook Nos. 143342, 149153 and Form 13-21238 (for Agents only, Domestic and Export)                                                           |

NOTE: For one hook packaging use:  
 One V.P.I. sheet, 5 in. x 7 in.  
 (No. 310 Cropped Marvellum)  
 and  
 Folding Box No. 6000  
 (1 11/16 in. x 1 11/16 in. x 1 3/8 in.)  
 For twelve hook packaging use:  
 Folding Box No. 6001  
 (Kraft, 3 1/2 in. x 3 1/2 in. x 4 1/2 in. for packaging twelve hook boxes  
 No. 6000

NO.

AMT.

NAME

143344-698

Rotating Hook 143342 with 149063, 149153  
and Form No. 13-21238 (for Agents only,  
Domestic and Export)

NOTE: For one hook packaging use:

One V.P.I. sheet, 5 in. x 7 in.

(No. 310 Creped Marvellum)

and

Folding Box No. 6000

(1 11/16 in. x 1 11/16 in. x 1 3/8 in.)

For twelve hook packaging use:

Folding Box No. 6001

(Kraft, 3 1/2 in. x 3 1/2 in. x 4 1/2 in.

for packaging twelve hook boxes No. 6000

@272152

Rotating Hook Bobbin

97-22071

Rotating Hook Bobbin Case (blank) for 149060

149060

Rotating Hook Bobbin Case (97-22071 machined)

149060-698

Rotating Hook Bobbin Case (149060 packaged  
for Agencies)

149061-698

Rotating Hook Bobbin Case 149060 with 591(806),  
1380(805) and 40394 (for Agents only)

@149063

Rotating Hook Bobbin Case complete, Nos.  
591(806), 592(805), 1380(805), 2974, 2975,  
40392, 40394, 125320 and 149060

149063-698

Rotating Hook Bobbin Case complete (149063  
packaged for Agents)

149064-901

Rotating Hook Bobbin Case Holder Investment  
Casting for 149064

149064

Rotating Hook Bobbin Case Holder (149064-901  
machined)

97-22708

Rotating Hook Bobbin Case Holder Position  
Bracket (blank) for 149123 and 149124

@149124

Rotating Hook Bobbin Case Holder Position  
Bracket (97-22708 machined)

NOTE: No. 149124 is furnished as regular  
to the machine.

| NO.          | AMT. | NAME                                                                                               |
|--------------|------|----------------------------------------------------------------------------------------------------|
| 149123       |      | Rotating Hook Bobbin Case Holder Position Bracket (97-22708 machined) for heavy thread application |
|              |      | NOTE: No. 149123 is furnished on request only.                                                     |
| @704(809)    |      | Rotating Hook Bobbin Case Holder Position Bracket Screw                                            |
| 40392        |      | Rotating Hook Bobbin Case Latch                                                                    |
| 40393        |      | Rotating Hook Bobbin Case Latch Hinge Nos. 2974, 40392 and 125320 (for Agents only)                |
| 125320       |      | Rotating Hook Bobbin Case Latch Lever                                                              |
| 2974         |      | Rotating Hook Bobbin Case Latch Lever Fulcrum Pin                                                  |
| 2975         |      | Rotating Hook Bobbin Case Latch Spring                                                             |
| 592(805)     |      | Rotating Hook Bobbin Case Latch Stop Screw                                                         |
| 591(806)     |      | Rotating Hook Bobbin Case Tension Regulating Screw                                                 |
| 40394        |      | Rotating Hook Bobbin Case Tension Spring                                                           |
| 1380(805)    |      | Rotating Hook Bobbin Case Tension Spring Screw                                                     |
| 141188(805)  |      | Rotating Hook Oil Flow Regulating Thumb Screw for "803" finish requirements                        |
| @141188(803) |      | Rotating Hook Oil Flow Regulating Thumb Screw (141188(805) with "803" finish)                      |
| @143383      |      | Rotating Hook Oil Flow Regulating Thumb Screw Spring                                               |
| @233(805)    |      | Rotating Hook Oil Flow Regulating Thumb Screw Spring Screw                                         |
| 143301-001   |      | Rotating Hook Oil Wick (felt)                                                                      |
| 97-2470      |      | Rotating Hook Oil Wick Retaining Disc                                                              |
| 97-2222      |      | Rotating Hook Plug                                                                                 |

| NO.                                                                                                                                                              | AMT. | NAME                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------|
| 97-2617                                                                                                                                                          |      | Rotating Hook Plug Disc                                                |
| 97-22973                                                                                                                                                         |      | Rotating Hook Section (double blank) for 149065                        |
| 149065                                                                                                                                                           |      | Rotating Hook Section (97-22973 machined)                              |
| 1367(805)                                                                                                                                                        | 3    | Rotating Hook Section Screw                                            |
| 1253(830)                                                                                                                                                        | 2    | Rotating Hook Set Screw                                                |
| 149148-900                                                                                                                                                       |      | Rotating Hook Shaft Blank for 149148                                   |
| 149148                                                                                                                                                           |      | Rotating Hook Shaft with 149153 (149148-900 machined)                  |
| @149149                                                                                                                                                          |      | Rotating Hook Shaft 149148 with 147131                                 |
| @143081                                                                                                                                                          |      | Rotating Hook Shaft Bevel Gear (left hand spiral) with two 1259(830)   |
| <p>NOTE: To ensure proper functioning of Gears, No. 143081 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 143295.</p> |      |                                                                        |
| 1259(830)                                                                                                                                                        | 2    | Rotating Hook Shaft Bevel Gear Set Screw                               |
| @143082-001                                                                                                                                                      |      | Rotating Hook Shaft Bushing (back)                                     |
| @1285(830)                                                                                                                                                       |      | Rotating Hook Shaft Bushing (back) Set Screw                           |
| 149150-900                                                                                                                                                       |      | Rotating Hook Shaft Bushing (front) Casting for 149150-001             |
| @149150-001                                                                                                                                                      |      | Rotating Hook Shaft Bushing (front) with 97-3190 (149150-900 machined) |
| 97-3190                                                                                                                                                          |      | Rotating Hook Shaft Bushing (front) Plug                               |
| @1285(830)                                                                                                                                                       |      | Rotating Hook Shaft Bushing (front) Set Screw                          |
| 149152                                                                                                                                                           |      | Rotating Hook Shaft Oil Filter Wick                                    |
| 143349-001                                                                                                                                                       |      | Rotating Hook Shaft Oil Filter Wick Holder                             |
| 149153                                                                                                                                                           |      | Rotating Hook Shaft Oil Filter complete, Nos. 143349-001 and 149152    |

| NO.         | AMT. | NAME                                                                    |
|-------------|------|-------------------------------------------------------------------------|
| 97-4509     |      | Rotating Hook Shaft Oil Retaining Collar                                |
| 147131      |      | Rotating Hook Shaft Oil Retaining Collar<br>97-4509 with two 50429(830) |
| 50429(830)  | 2    | Rotating Hook Shaft Oil Retaining Collar<br>Set Screw                   |
| 149066      |      | Rotating Hook Thread Guard                                              |
| 1053(805)   | 4    | Rotating Hook Thread Guard Screw                                        |
| 143351      |      | Rotating Hook Wiper                                                     |
| 149343-900  |      | Slack Thread Regulator (as received from<br>Vendor) for 149343          |
| @149343     |      | Slack Thread Regulator (149343-900 machined)                            |
| @217(803)   |      | Slack Thread Regulator Screw                                            |
| 97-23192    |      | Stitch Regulator (blank) for 143085                                     |
| 143085      |      | Stitch Regulator (97-23192 machined)                                    |
| 143134      |      | Stitch Regulator 143085 with 140549(805),<br>143086 and 143378          |
| 143086      |      | Stitch Regulator Locking Slide                                          |
| 143087-900  |      | Stitch Regulator Locking Slide Ratchet Wheel<br>(blank) for 143087      |
| 143087      |      | Stitch Regulator Locking Slide Ratchet Wheel<br>(143087-900 machined)   |
| 143088      |      | Stitch Regulator Locking Slide Ratchet Wheel<br>Pin                     |
| 143378      |      | Stitch Regulator Locking Slide Spring                                   |
| 140549(805) |      | Stitch Regulator Locking Slide Spring Screw                             |
| 2102        | 2    | Tension Disc                                                            |
| 1560(803)   |      | Tension Regulating Thumb Nut                                            |
| 1560(803)   |      | Tension Regulating Thumb Nut Lock Nut                                   |

| NO.         | AMT. | NAME                                                                                                                       |
|-------------|------|----------------------------------------------------------------------------------------------------------------------------|
| 149344-900  |      | Tension Releaser (as received from outside vendor) for 149344                                                              |
| @149344     |      | Tension Releaser (149344-900 machined)                                                                                     |
| 149346-900  |      | Tension Releaser Shield (as received from outside vendor) for 149346                                                       |
| @149346     |      | Tension Releaser Shield (149346-900 machined)                                                                              |
| @1454(830)  |      | Tension Releaser Shield Screw                                                                                              |
| 147151      |      | Tension Releasing Disc                                                                                                     |
| 149345-900  |      | Tension Releasing Pin (soft) for 149345-901                                                                                |
| 149345-901  |      | Tension Releasing Pin (hardened) for 149345                                                                                |
| @149345     |      | Tension Releasing Pin (149345-901 machined)                                                                                |
| 147152      |      | Tension Spring                                                                                                             |
| 140873(803) |      | Tension Stud                                                                                                               |
| 460(830)    |      | Tension Stud Set Screw                                                                                                     |
| 149517      |      | Tension complete, Nos. 52083, 52394, 140873(803), 147151, 147152, 149345 and two each 1560(803) and 2102 (for Agents only) |
| @147293-900 |      | Tension complete, Nos. 52083, 52394, 140873(803), 147151, 147152 and two each 1560(803) and 2102 (for factory use only)    |
| @149166     |      | Thread Eyelet and Thread Guard (front of arm)                                                                              |
| @52454      |      | Thread Retainer                                                                                                            |
| @624(830)   |      | Thread Retainer Set Screw                                                                                                  |
| 97-22011    |      | Thread Take-up Crank (forging) for 97-20905                                                                                |
| 97-20905    |      | Thread Take-up Crank (97-22011 machined)                                                                                   |

| NO.          | AMT. | NAME                                                                                                                                    |
|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 12968-901    |      | Thread Take-up Crank 97-20905 with 140231(803), 147492-002 and eighteen 143056                                                          |
| 149196-001   |      | Thread Take-up Crank with Thread Take-up Lever, Nos. 13274-900, 97-20905, 97-23856, 149160 and eighteen 143056 (for Agents only)        |
| @149197-900  |      | Thread Take-up Crank and Thread Take-up Lever complete, Nos. 12968-901, 13274-900, 97-23856, 143058, 143326, 149160 and eighteen 143056 |
| 149198-002   |      | Thread Take-up Crank and Thread Take-up Lever complete, Nos. 147075 and 149197-900 (for Agents only)                                    |
| 141208(830)  |      | Thread Take-up Crank Clamping Screw                                                                                                     |
| 141403(805)  |      | Thread Take-up Crank Clamping Screw Hole Plug Screw for "(819)" finish requirements                                                     |
| @141403(819) |      | Thread Take-up Crank Clamping Screw Hole Plug Screw (141403(805) with "(819)" finish)                                                   |
| @147070      |      | Thread Take-up Crank Clamping Screw Hole Plug Screw Gasket                                                                              |
| 1036(830)    |      | Thread Take-up Crank Set Screw                                                                                                          |
| 149160-900   |      | Thread Take-up Crank Wearing Plate (blank) for 149160                                                                                   |
| 149160       |      | Thread Take-up Crank Wearing Plate (149160-900 machined)                                                                                |
| 97-23854     |      | Thread Take-up Lever (forging) for 97-23855                                                                                             |
| 97-23855     |      | Thread Take-up Lever (97-23854 machined)                                                                                                |
| 97-23856     |      | Thread Take-up Lever 97-23855 with 147079                                                                                               |
| 97-22350     |      | Thread Take-up Lever Guard (casting) for 149161                                                                                         |
| @149161      |      | Thread Take-up Lever Guard (97-22350 machined)                                                                                          |
| @147077      |      | Thread Take-up Lever Guard Gasket                                                                                                       |

| NO.        | AMT. | NAME                                                                                                       |
|------------|------|------------------------------------------------------------------------------------------------------------|
| @152(819)  |      | Thread Take-up Lever Guard and Thread Eyelet and Thread Guard Screw (front of arm)                         |
| @152(819)  |      | Thread Take-up Lever Guard Screw (upper)                                                                   |
| 97-21797   |      | Thread Take-up Lever Link (forging) for 13274-900                                                          |
| 13274-900  |      | Thread Take-up Lever Link (97-21797 machined)                                                              |
| 147073-900 |      | Thread Take-up Lever Link Hinge Stud (blank) for 147073                                                    |
| 147073     |      | Thread Take-up Lever Link Hinge Stud (147073-900 machined)                                                 |
| @147075    |      | Thread Take-up Lever Link Hinge Stud 147073 with 147074                                                    |
| 147074     |      | Thread Take-up Lever Link Hinge Stud Oil Wick                                                              |
| @435(830)  |      | Thread Take-up Lever Link Hinge Stud Set Screw                                                             |
| 97-20530   |      | Thread Take-up Lever Oil Guard                                                                             |
| @147296    |      | Thread Take-up Lever Oil Guard 97-20530 with 147053-900 and a suitable length of Empri No. 75 Lighter Wick |
| @217(805)  |      | Thread Take-up Lever Oil Guard Screw                                                                       |
| 143056     | 18   | Thread Take-up Lever Roller Bearing                                                                        |
| 147079     |      | Thread Take-up Lever Thread Eyelet Bushing                                                                 |
| 52394      |      | Thread Take-up Spring                                                                                      |
| 52083-901  |      | Thread Take-up Spring Regulator (blank) for 52083                                                          |
| 52083      |      | Thread Take-up Spring Regulator with 460(830) (52083-901 machined)                                         |
| @448(830)  |      | Thread Take-up Spring Regulator Set Screw                                                                  |
| 97-20262   |      | Throat Plate (blank) for 143175                                                                            |

| NO.        | AMT. | NAME                                                                                                                                                                                                                                                                    |
|------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @143175    |      | Throat Plate for 149430 (97-20262 machined)                                                                                                                                                                                                                             |
|            |      | NOTE: Throat Plate No. 143175 is sent with this Machine unless otherwise specified.                                                                                                                                                                                     |
| @691(850)  | 2    | Throat Plate Screw                                                                                                                                                                                                                                                      |
| @97-20866  |      | Trade Mark                                                                                                                                                                                                                                                              |
| @143176    | 2    | Trade Mark Rivet                                                                                                                                                                                                                                                        |
| 149347-900 |      | Vibrating Presser Bar                                                                                                                                                                                                                                                   |
| 149347     |      | Vibrating Presser Bar 149347-900 with 149347-901                                                                                                                                                                                                                        |
| @149422    |      | Vibrating Presser Bar 149347 with 149350, 149377, suitable length of wicking (1/8 in. diam. x 7/8 in. long S.A.E. F-1 felt) and two 13288                                                                                                                               |
| 149348-900 |      | Vibrating Presser Bar Bell Crank Investment Casting for 149348                                                                                                                                                                                                          |
| 149348     |      | Vibrating Presser Bar Bell Crank (149348-900 machined)                                                                                                                                                                                                                  |
| @149421    |      | Vibrating Presser Bar Bell Crank 149348 with 149340, 149341, 149367, suitable length of wicking (1/8 in. diam. x 7/8 in. long S.A.E. felt wick) two each 13288, 149368-900, suitable length of wicking (1/8 in. diam. x 4 1/2 in. long pipe cleaner) and four 1423(803) |
| 1423(803)  | 2    | Vibrating Presser Bar Bell Crank Screw                                                                                                                                                                                                                                  |
| 29439-900  |      | Vibrating Presser Bar Feed Eccentric Blank for 97-20957                                                                                                                                                                                                                 |
| 97-20957   |      | Vibrating Presser Bar Feed Eccentric (29439-900 machined)                                                                                                                                                                                                               |
| 149411     |      | Vibrating Presser Bar Feed Eccentric 97-20957 with 149409-900                                                                                                                                                                                                           |
| 29496-900  |      | Vibrating Presser Bar Feed Eccentric Body Blank for 97-21181                                                                                                                                                                                                            |
| 97-21181   |      | Vibrating Presser Bar Feed Eccentric Body (29496-900 machined)                                                                                                                                                                                                          |

| NO.         | AMT. | NAME                                                                                                   |
|-------------|------|--------------------------------------------------------------------------------------------------------|
| 149408-900  |      | Vibrating Presser Bar Feed Eccentric Body<br>(97-21181 machined)                                       |
| 149409-900  |      | Vibrating Presser Bar Feed Eccentric Body<br>149408-900 with three 1036(830)                           |
| 1036(830)   | 3    | Vibrating Presser Bar Feed Eccentric Body<br>Set Screw                                                 |
| 149352-900  |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Casting for 149352                              |
| 149352-901  |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod (149352-900 machined)                           |
| 149353      |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod 149352-901 with 624(830)<br>and 156188-900      |
| 156188-900  |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Bearing                                         |
| 149354-900  |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Crank Investment Casting<br>for 149354          |
| 149354      |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Crank with 141289(869)<br>(149354-900 machined) |
| 141289(869) |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Crank Clamping Screw                            |
| 149355      |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Hinge Pin                                       |
| 624(830)    |      | Vibrating Presser Bar Feed Eccentric<br>Connecting Rod Hinge Pin Set Screw                             |
| 97-23192    |      | Vibrating Presser Bar Feed Stitch Regulator<br>(blank) for 143085                                      |
| 143085      |      | Vibrating Presser Bar Feed Stitch Regulator<br>(97-23192 machined)                                     |
| 143134      |      | Vibrating Presser Bar Feed Stitch Regulator<br>143085 with 140549(805), 143086 and 143378              |

| NO.         | AMT. | NAME                                                                                                                                                            |
|-------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 143086      |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide                                                                                                    |
| 143087-900  |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel (blank) for<br>143087                                                                |
| 143087      |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel (143087-900<br>machined)                                                             |
| 143088      |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel Pin                                                                                  |
| 149046-900  |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel Retaining Collar<br>Blank for 149046                                                 |
| 149046      |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel Retaining Collar<br>with 143088 and two 1259(830) (149046-900<br>machined)           |
| 1259(830)   | 2    | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Ratchet Wheel-Retaining Collar<br>Set Screw                                                        |
| 143378      |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Spring                                                                                             |
| 140549(805) |      | Vibrating Presser Bar Feed Stitch Regulator<br>Locking Slide Spring Screw                                                                                       |
| 149359-900  |      | Vibrating Presser Bar Feeding Crank Investment<br>Casting for 149359                                                                                            |
| 149359      |      | Vibrating Presser Bar Feeding Crank with<br>350719(809) (149359-900 machined)                                                                                   |
| @149419     |      | Vibrating Presser Bar Feeding Crank 149359<br>with 149350, 149361 suitable length of wicking<br>(1/8 in. diam. x 7/8 in. long S.A.E. F-1 felt)<br>and two 13288 |
| 350719(809) |      | Vibrating Presser Bar Feeding Crank Clamping<br>Screw                                                                                                           |

| NO.        | AMT. | NAME                                                                                                                                           |
|------------|------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 149361-900 |      | Vibrating Presser Bar Feeding Crank<br>Link Investment Casting for 149361                                                                      |
| 149361     |      | Vibrating Presser Bar Feeding Crank<br>Link (149361-900 machined)                                                                              |
| 149350     | 2    | Vibrating Presser Bar Feeding Crank<br>Link Pin                                                                                                |
| 13288      | 4    | Vibrating Presser Bar Feeding Crank<br>Link Pin Retaining Ring                                                                                 |
| 149437     | 2    | Vibrating Presser Bar Feeding Crank<br>Link Pin Wick (1/8 in. diam. x 7/8 in.<br>long S.A.E. F-1 felt) for use with 149350<br>for Agents only  |
| @149362    |      | Vibrating Presser Bar Feeding Crank<br>Shaft with a suitable length of wicking<br>(3/16 in. diam. x 8 1/2 in. long S.A.E.<br>F-1 felt)         |
| 149416     |      | Vibrating Presser Bar Feeding Crank<br>Shaft Oil Wick (3/16 in. diam. x 8 1/2<br>in. S.A.E. F-1 felt) for use with 149362<br>(for Agents only) |
| 149363-900 |      | Vibrating Presser Bar Frame Investment<br>Casting for 149363                                                                                   |
| @149363    |      | Vibrating Presser Bar Frame (149363-900<br>machined)                                                                                           |
| @149364    |      | Vibrating Presser Bar Frame Locking<br>Segment                                                                                                 |
| 149347-901 |      | Vibrating Presser Bar Head                                                                                                                     |
| 149365-900 |      | Vibrating Presser Bar Lifting Connecting<br>Rod Crank Investment Casting for 149365                                                            |
| 149365     |      | Vibrating Presser Bar Lifting Connecting<br>Rod Crank with 141289(869) (149365-900<br>machined)                                                |

| NO.          | AMT. | NAME                                                                                                                                  |
|--------------|------|---------------------------------------------------------------------------------------------------------------------------------------|
| 141289(869)  |      | Vibrating Presser Bar Lifting Connecting Rod Crank Clamping Screw                                                                     |
| 149367-900   |      | Vibrating Presser Bar Lifting Crank Investment Casting for 149367                                                                     |
| 149367       |      | Vibrating Presser Bar Lifting Crank with 350719(809) (149367-900 machined)                                                            |
| 350719(809)  |      | Vibrating Presser Bar Lifting Crank Clamping Screw                                                                                    |
| 141403(805)  |      | Vibrating Presser Bar Lifting Crank Hole Plug Screw for 141403 "819" finish requirement                                               |
| @141403(819) |      | Vibrating Presser Bar Lifting Crank Hole Plug Screw (141403 (805) with "819" finish)                                                  |
| @147070      |      | Vibrating Presser Bar Lifting Crank Hole Plug Screw Gasket                                                                            |
| 149377-900   | 2    | Vibrating Presser Bar Lifting Crank Link Investment Casting for 149368-900                                                            |
| 149368-900   | 2    | Vibrating Presser Bar Lifting Crank Link (149377-900 machined)                                                                        |
| 149368       |      | Vibrating Presser Bar Lifting Crank Link 149368-900 with 157921 (for Agents only)                                                     |
| @-----       | 2    | Vibrating Presser Bar Lifting Crank Link suitable length of wicking (1/8 in. diam. x 4 1/2 in. long pipe cleaner)                     |
| 157921       |      | Vibrating Presser Bar Lifting Crank Link Oil Wick (1/8 in. diam. x 4 1/2 in. long pipe cleaner) for use with 149368 (for Agents only) |
| 1423(803)    | 2    | Vibrating Presser Bar Lifting Crank Retaining Screw                                                                                   |
| 149371-900   |      | Vibrating Presser Bar Lifting Crank Shaft                                                                                             |
| @149373      |      | Vibrating Presser Bar Lifting Crank Shaft 149371-900 with two 149376-900                                                              |
| @149375      |      | Vibrating Presser Bar Lifting Crank Shaft Bushing (back)                                                                              |

| NO.         | AMT. | NAME                                                                                                                                               |
|-------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| @457(830)   |      | Vibrating Presser Bar Lifting Crank Shaft Bushing (back) Set Screw                                                                                 |
| @149374     |      | Vibrating Presser Bar Lifting Crank Shaft Bushing (front)                                                                                          |
| @440(830)   |      | Vibrating Presser Bar Lifting Crank Shaft Bushing (front) Set Screw                                                                                |
| 149376-900  |      | Vibrating Presser Bar Lifting Crank Shaft Insert                                                                                                   |
| 29458-900   |      | Vibrating Presser Bar Lifting Eccentric Blank for 97-4416                                                                                          |
| 97-4416     |      | Vibrating Presser Bar Lifting Eccentric (29458-900 machined)                                                                                       |
| 29459-900   |      | Vibrating Presser Bar Lifting Eccentric Body Blank for 157834-900                                                                                  |
| 157834-900  |      | Vibrating Presser Bar Lifting Eccentric Body (29459-900 machined)                                                                                  |
| 7071        | 2    | Vibrating Presser Bar Lifting Eccentric Body Clamping Washer                                                                                       |
| 217(805)    | 2    | Vibrating Presser Bar Lifting Eccentric Body Clamping Washer Screw                                                                                 |
| 141469(869) | 3    | Vibrating Presser Bar Lifting Eccentric Body Set Screw                                                                                             |
| 157836      |      | Vibrating Presser Bar Lifting Eccentric (adjustable) complete, Nos. 97-4416, 50328(803), 157834-900, two each 217(805), 7071 and three 141469(869) |
| 149420      |      | Vibrating Presser Bar Lifting Eccentric 157836 with 149353, 149355 and 149365                                                                      |
| 149352-900  |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod for 149352-901                                                                              |
| 149352-901  |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod (149352-900 machined)                                                                       |

| NO.          | AMT. | NAME                                                                                                                          |
|--------------|------|-------------------------------------------------------------------------------------------------------------------------------|
| 149353       |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod 149352-901 with 624(830) and 156188-900                                |
| 156188-900   |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod Bearing                                                                |
| 149355       |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod Hinge Pin                                                              |
| 624(830)     |      | Vibrating Presser Bar Lifting Eccentric Connecting Rod Hinge Pin Set Screw                                                    |
| 50328(803)   |      | Vibrating Presser Bar Lifting Eccentric Regulating Screw                                                                      |
| 156758       |      | Vibrating Presser Bar Lifting Eccentric Spacer                                                                                |
| 149377-900   |      | Vibrating Presser Bar Link Investment Casting for 149377                                                                      |
| 149377       |      | Vibrating Presser Bar Link with 350726(869) (149377-900 machined)                                                             |
| 350726(869)  |      | Vibrating Presser Bar Link Cap Screw                                                                                          |
| @149378      |      | Vibrating Presser Bar Link Pin                                                                                                |
| @-----       |      | Vibrating Presser Bar Link Pin suitable length of wicking (1/8 in. diam. x 5/8 in. long S.A.E. F-1 felt)                      |
| 149435       |      | Vibrating Presser Bar Link Pin Oil Wick (1/8 in. diam. x 5/8 in. long S.A.E. F-1 felt) for use with 149378, (for Agents only) |
| @149379      |      | Vibrating Presser Bar Pivot Stud                                                                                              |
| @149380      |      | Vibrating Presser Bar Pivot Stud Collar with two 141301(869)                                                                  |
| 141301(869)  | 2    | Vibrating Presser Bar Pivot Stud Collar Set Screw                                                                             |
| @141480(869) |      | Vibrating Presser Bar Pivot Stud Screw                                                                                        |
| @149381      |      | Vibrating Presser Bar Spring                                                                                                  |

NO.

AMT.

NAME

@149382

Vibrating Presser Bar Spring Guide

@97-3587

Vibrating Presser Bar Spring Washer

@141481(819)

Vibrating Presser Bar Thumb Screw

@51614(819)

Vibrating Presser Bar Thumb Screw Lock  
Nut

@149456

Vibrating Presser Foot with 141300(803)

141300(803)

Vibrating Presser Foot Clamping Screw

ACCESSORIES

| NO.        | AMT. | NAME                                                            |
|------------|------|-----------------------------------------------------------------|
| @52239     |      | Arm Spool Pin and Thread Eyelet                                 |
| @8879      |      | Arm Spool Pin Washer (cloth)                                    |
| @272152    | 2    | Bobbin                                                          |
| @13-21245  |      | Caution Card                                                    |
| 25878      |      | Guide (for Export only)                                         |
| @13-21071  |      | Instruction Tag                                                 |
| @Cat. 1955 | 6    | Needles, size No. 14                                            |
| @Cat. 1955 | 6    | Needles, size No. 16 (3) and size No. 18 (3)<br>for Export only |
| @151559    | 4    | Machine Rest Pad                                                |
| 12361-900  | 2    | Machine Hinge Connection Blank                                  |
| @12361-001 | 2    | Machine Hinge Connection (12361-900<br>machined)                |
| @41400     |      | Machine Rest Pin (wood)                                         |
| @121741    |      | One quart can of oil                                            |
| @13-21244  |      | Operators Guide                                                 |
| 228476     |      | Screw Driver (Export only)                                      |
| @23308     |      | Screw Driver (8 in. blade) (Export only)                        |
| @156937    |      | Screw Driver (5 in. long) (Export only)                         |

BOBBIN WINDER NO. 259462  
(furnished in Accessories)

| NO.         | AMT. | NAME                              |
|-------------|------|-----------------------------------|
| 259428      |      | Brake (leather).                  |
| 259429      |      | Brake Clamp                       |
| 200113(806) |      | Brake Clamp Screw                 |
| 225453      |      | Frame with 202277 and 259660      |
| 225454      |      | Frame Hinge Pin                   |
| 202277      |      | Frame Oil Packing (wick)          |
| 259660      |      | Frame Oil Well Washer             |
| 225455      |      | Frame Spring                      |
| 225456      |      | Frame Spring Plunger              |
| 259930      |      | Pulley with 457(830)              |
| 457(830)    |      | Pulley Set Screw                  |
| 225381      |      | Spindle                           |
| 225444      |      | Stop Latch                        |
| 200056(805) |      | Stop Latch Screw                  |
| 225458      |      | Stop Latch Thumb Lever            |
| 225459      |      | Stop Latch Thumb Lever Hinge Stud |
| 225459      |      | Stop Latch Thumb Lever Joint Stud |
| 202478      |      | Stop Latch Trip Lever             |
| 200299(819) |      | Stop Latch Trip Lever Hinge Screw |
| 225461      |      | Tension Bracket with 201499(819)  |
| 200082(804) |      | Tension Bracket Screw             |

| NO.         | AMT. | NAME                                                                                                                                                                                                                                                                                |
|-------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 32830       |      | Tension Bracket Screw Washer                                                                                                                                                                                                                                                        |
| 2102        | 2    | Tension Disc                                                                                                                                                                                                                                                                        |
| 13710       |      | Tension Spring                                                                                                                                                                                                                                                                      |
| 201499(819) |      | Tension Stud                                                                                                                                                                                                                                                                        |
| 201572(819) |      | Tension Stud Thumb Nut                                                                                                                                                                                                                                                              |
| 225462      |      | Bobbin Winder Tension Bracket complete,<br>Nos. 13710, 201572(819), 225461 and two<br>2102                                                                                                                                                                                          |
| 259662      |      | Bobbin Winder and Tension Bracket Base                                                                                                                                                                                                                                              |
| @259462     |      | Bobbin Winder complete, Nos. 32380,<br>200056(805), 200082(804), 200113(806),<br>200299(819), 202478, 225381, 225444,<br>225453, 225454, 225455, 225456, 225458,<br>225462, 259428, 259429, 259431-900, 259662,<br>259930, two each 225459 and wood screws<br>3/4 in. No. 12 R.H.B. |

FINGER GUARD

NO.

AMT.

NAME

259502

Finger Guard

KNEE LIFTER PARTS

| NO.         | AMT. | NAME                                                              |
|-------------|------|-------------------------------------------------------------------|
| 97-21176    |      | Bell Crank Plunger                                                |
| 147480      |      | Bell Crank Plunger 97-2122 and 97-21176                           |
| 97-2122     |      | Bell Crank Plunger Cap                                            |
| 143280-001  |      | Rock Shaft                                                        |
| 147481      |      | Rock Shaft 143280-001 with 147482-001,<br>147483 and 147485       |
| 147482-001  |      | Rock Shaft Crank with 141253(830) and<br>143282                   |
| 140350(830) |      | Rock Shaft Crank Adjusting Screw                                  |
| 143282      |      | Rock Shaft Crank Adjusting Screw<br>140350(830) and 51649(809)    |
| 51649(809)  |      | Rock Shaft Crank Adjusting Screw Lock<br>Nut                      |
| 141253(830) |      | Rock Shaft Crank Clamping Screw                                   |
| 143283-900  |      | Rock Shaft Knee Arm (blank) for 143283                            |
| 143283      |      | Rock Shaft Knee Arm (143283-900 machined)                         |
| 97-21239    |      | Rock Shaft Knee Arm Hub                                           |
| 147489      |      | Rock Shaft Knee Arm Hub 97-21239 with<br>356(803) and 141253(830) |
| 141253(830) |      | Rock Shaft Knee Arm Hub Clamping Screw                            |
| 356(803)    |      | Rock Shaft Knee Arm Set Screw                                     |
| 147488      |      | Rock Shaft Knee Arm complete, Nos. 2767,<br>143283 and 147489     |
| 2767        |      | Rock Shaft Knee Arm Plate with 356(803)                           |
| 356(803)    |      | Rock Shaft Knee Arm Plate Set Screw                               |
| 147485      |      | Rock Shaft Spring                                                 |

| NO.         | AMT. | NAME                                                          |
|-------------|------|---------------------------------------------------------------|
| 147483-999  |      | Casting for 147483                                            |
| 147483      |      | Rock Shaft Stop Dog with 141253(830)<br>(147483-999 machined) |
| 141253(830) |      | Rock Shaft Stop Dog Clamping Screw                            |
| 147484      |      | Rock Shaft complete, Nos. 147481 and<br>147488                |

MACHINE BASE AND OIL RESERVOIR

(furnished in Accessories)

| NO.         | AMT. | NAME                                                                                                                                                    |
|-------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 97-23138    |      | Machine Base and Oil Reservoir (casting)<br>for 147491 and 149121                                                                                       |
| 147491      |      | Machine Base and Oil Reservoir (large)<br>(97-23138 machined) (for Agents only)                                                                         |
| @143257     |      | Machine Base and Oil Reservoir Gasket<br>(cork)                                                                                                         |
| 140343(805) |      | Machine and Machine Base and Oil Reservoir<br>Screw Hole Plug Screw (for Agents only)                                                                   |
| @149121     |      | Machine Base and Oil Reservoir (large)<br>with Knee Lifter Rock Shaft, Nos. 143280-001,<br>147480, 147482-001, 147483 and 147485<br>(97-23138 machined) |

THREAD UNWINDER COMPLETE NO. 228776

(furnished in Accessories)

(EXPORT)

| NO.         | AMT. | NAME                                                                                                                                                                 |
|-------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 228764      | 2    | Spool Pin                                                                                                                                                            |
| 97-100744   |      | Spool Rest (blank) for 228766                                                                                                                                        |
| 228766      |      | Spool Rest with 97-100745, 201254(803)<br>and two 97-100746 (97-100744 machined)                                                                                     |
| 97-100745   |      | Spool Rest Hub (long)                                                                                                                                                |
| 97-100746   | 2    | Spool Rest Hub (short)                                                                                                                                               |
| 150203      | 2    | Spool Rest Cushion (felt)                                                                                                                                            |
| 228767      |      | Spool Rest Rod                                                                                                                                                       |
| 201254(803) |      | Spool Rest Rod Set Screw                                                                                                                                             |
| 259658-900  |      | Spool Stand (casting) for 228768                                                                                                                                     |
| 228768      |      | Spool Stand (259658-900 machined)                                                                                                                                    |
| 228769      | 2    | Thread Guide                                                                                                                                                         |
| 228770-900  |      | Thread Guide Holder (blank) for 228770                                                                                                                               |
| 228770      |      | Thread Guide Holder (228770-900 machined)                                                                                                                            |
| 228774      |      | Thread Guide Rod                                                                                                                                                     |
| 228776      |      | Thread Unwinder complete, for two spools,<br>Nos. 228766, 228767, 228768, 228770, 228774,<br>two each 150203, 228764, 228769 and three<br>wood screws 7/8 in. No. 12 |
| -----       | 3    | Wood Screws 7/8 in. No. 12                                                                                                                                           |

MISCELLANEOUS DATA

NO.

AMT. :

NAME

154257-001

Aligning Test Gauge (for setting Rotating  
Hook on No. 281 Machines) blade diam. .032,  
shank diam. .080, overall length  
1.390-1.395