

**SINGER**  
**99W122,W123**

Form 2466w - Revised

(246)

Printed in U. S. A.

# LIST OF PARTS



**SINGER<sup>\*\*</sup>**  
**MACHINES**

Nos. 99w122 and 99w123

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**THE SINGER MANUFACTURING COMPANY**

\*\*A Trade Mark of THE SINGER MANUFACTURING COMPANY

## INSTRUCTIONS FOR OILING

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To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 2413w.

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

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| No.     | Plate | Name                                                                                   |
|---------|-------|----------------------------------------------------------------------------------------|
| 200100E | 16348 | Arm Shaft Bushing Screw (4)                                                            |
| 232003  | 16348 | " " Hand Wheel with two 200341C                                                        |
| 200341C | 16348 | " " " " Set Screw                                                                      |
| 150D    | 16348 | " " Screw                                                                              |
| 250002  | 16348 | " Side Cover                                                                           |
| 200110D | 16348 | " " " Screw                                                                            |
| *253602 | ----- | Bed with 250078, 253683, 255509, 255511, 255512, two each 127D, 40025 and eight 50168E |
| 250009  | 16350 | Bed End Cover                                                                          |
| 232025  | 16350 | " " " Catch (2)                                                                        |
| 232026  | 16350 | " " " Position Pin (2)                                                                 |
| 250010  | 16350 | " " " Releaser (2)                                                                     |
| 204264  | 16350 | " " " Stop Pin (2)                                                                     |
| 200047D | 16350 | " " " Screw (2)                                                                        |
| 201531H | 16350 | " " " Nut (2)                                                                          |
| 250011  | 16350 | " " " Support (left)                                                                   |
| 250012  | 16350 | " " " (right)                                                                          |
| 457AL   | 16350 | " " " Set Screw (2)                                                                    |
| 250013  | 16367 | " Extension                                                                            |
| 250397  | 16367 | " " Position Pin (2)                                                                   |
| 134D    | 16367 | " " Screw (4)                                                                          |
| 250014  | 16402 | " Shaft                                                                                |
| 255521  | 16402 | " " Bevel Gear with two 453AL                                                          |
| 232719  | 16402 | " " " Position Pin (2)                                                                 |
| 453AL   | 16402 | " " " Set Screw                                                                        |
| 232030  | 16402 | " " Bushing (back) with 202260                                                         |
| 202260  | 16402 | " " " Oil Packing (wick)                                                               |
| 232821  | 16402 | Bed Shaft Bushing (back) Oil Tube (brass)                                              |
| 230795  | 16402 | Bed Shaft Bushing (back) Oil Tube Pin                                                  |
| 350455E | 16402 | " " " " Screw (2)                                                                      |
| 201730E | 16402 | " " " " Nut (2)                                                                        |
| 250015  | 16402 | " " " (front)                                                                          |
| 255527  | 16402 | " " " Oil Tube (brass)                                                                 |
| 250451  | 16402 | " " " " Bracket                                                                        |
| 330D    | 16402 | " " " " Screw                                                                          |
| 232244  | 16402 | Bed Shaft Bushing (front) Position Pin                                                 |
| 200100E | 16402 | " " " " Screw (2)                                                                      |
| 250017  | 16402 | " " Collar with two 1258AL                                                             |
| 1258AL  | 16402 | " " " Set Screw                                                                        |
| 232725  | 16402 | Belt Guard                                                                             |
| 9D      | 16402 | " " Screw                                                                              |
| 254002  | 17409 | Buttonhole Cutting Block (steel) 7/8 in. (taper bar)                                   |
| 350111C | 16351 | Buttonhole Cutting Block Pinch Screw                                                   |
| 250468  | 16351 | " " " " " "                                                                            |
|         |       | Washer                                                                                 |
| 1281E   | 16351 | Buttonhole Cutting Block Stop Screw                                                    |
| 256043  | 16356 | " " Carrier Cam with 200364C                                                           |
| 40025   | 16356 | Buttonhole Cutting Carrier Cam Position Pin                                            |

| No.     | Plate | Name                                                                    |
|---------|-------|-------------------------------------------------------------------------|
| 200364C | 16356 | Buttonhole Cutting Carrier Cam Set Screw                                |
| 256044  | 16356 | Buttonhole Cutting Carrier Lever with 990D, 201524E, 350377C and 351860 |
| 50031C  | 16356 | Buttonhole Cutting Carrier Lever Adjusting Screw Stud                   |
| 201711C | 16356 | Buttonhole Cutting Carrier Lever Adjusting Screw Stud Nut               |
| 39541   | 16356 | Buttonhole Cutting Carrier Lever Adjusting Screw Stud Nut Washer        |
| 250022  | 16356 | Buttonhole Cutting Carrier Lever Adjusting Screw Stud Sleeve            |
| 351860  | 16356 | Buttonhole Cutting Carrier Lever Roller                                 |
| 990D    | 16356 | " " " " " "                                                             |
|         |       | Cap Screw                                                               |
| 350377C | 16356 | Buttonhole Cutting Carrier Lever Roller Screw Stud                      |
| 201524E | 16356 | Buttonhole Cutting Carrier Lever Roller Screw Stud Nut                  |
| 232038  | 16356 | Buttonhole Cutting Carrier Lever Slide Block                            |
| 250023  | 16408 | Buttonhole Cutting Disengaging Lever                                    |
| 57C     | 16408 | " " " " " "                                                             |
|         |       | Hinge Screw                                                             |
| 203213  | 16408 | Buttonhole Cutting Disengaging Lever Spring                             |
| 250392  | 16408 | Buttonhole Cutting Disengaging Push Rod                                 |
| 2273    | 16408 | " " " " " "                                                             |
|         |       | Pin                                                                     |
| 255171  | 16406 | Buttonhole Cutting Driving Wheel with 44C                               |
| 255544  | 16406 | Buttonhole Cutting Driving Wheel Lock                                   |
| 232044  | 16406 | " " " " " "                                                             |
|         |       | Spring                                                                  |
| 200051R | 16406 | Buttonhole Cutting Driving Wheel Lock Spring Screw                      |
| 228026  | 16406 | Buttonhole Cutting Driving Wheel Lock Spring Screw Washer               |
| 255545  | 16406 | Buttonhole Cutting Driving Wheel Lock Stop Plate                        |
| 162D    | 16406 | Buttonhole Cutting Driving Wheel Lock Stop Plate Screw (2)              |
| 255546  | 16406 | Buttonhole Cutting Driving Wheel Lock Stop Plate Screw Lock Washer (2)  |
| 232150  | 16406 | Buttonhole Cutting Driving Wheel Position Pin                           |
| 446E    | 16406 | Buttonhole Cutting Driving Wheel Set Screw                              |
| 254004  | 17409 | Buttonhole Cutting Knife (.126 x .180 eye)                              |
| 250027  | 17409 | Buttonhole Cutting Knife Adjusting Block                                |
| 1100D   | 17409 | Buttonhole Cutting Knife Adjusting Block Screw                          |
| 256219  | 17409 | Buttonhole Cutting Knife Base Plate                                     |
| 1485D   | 17409 | " " " " " Ad-justing Screw (left)                                       |

| No.      | Plate | Name                                                                          |
|----------|-------|-------------------------------------------------------------------------------|
| 350459E  | 17409 | Buttonhole Cutting Knife Base Plate Adjusting Screw (right)                   |
| 1454E    | 17409 | Buttonhole Cutting Knife Base Plate Screw                                     |
| 250475   | 17409 | Buttonhole Cutting Knife Clamping Lever                                       |
| 350114C  | 17409 | " " " " "                                                                     |
|          |       | Hinge Screw                                                                   |
| 250030   | 17409 | Buttonhole Cutting Knife Clamping Plate                                       |
| 256218   | 16351 | " " Lever (lower) with 251269 and 251270                                      |
| 250032   | 16405 | Buttonhole Cutting Lever (lower) Cam with 453AL                               |
| 40025    | 16405 | Buttonhole Cutting Lever (lower) Cam Position Pin                             |
| 453AL    | 16405 | Buttonhole Cutting Lever (lower) Cam Set Screw                                |
| 250033   | 16351 | Buttonhole Cutting Lever (upper) with 232482, 250468, 350111C and two 232483  |
| 256222   | 16405 | Buttonhole Cutting Lever (upper) Cam with 453AL                               |
| 40025    | 16405 | Buttonhole Cutting Lever (upper) Cam Position Pin                             |
| 453AL    | 16405 | Buttonhole Cutting Lever (upper) Cam Set Screw                                |
| *250464  | 16351 | Buttonhole Cutting Lever Bracket with 200089D                                 |
| *250465  | 16351 | Buttonhole Cutting Lever Bracket Arm                                          |
| 50027E   | 16351 | " " " " " Screw                                                               |
| 250530   | 16351 | Buttonhole Cutting Lever Bracket complete, Nos. 250464, 250465 and two 50027E |
| 255152   | 16351 | Buttonhole Cutting Lever Bracket Gib (left)                                   |
| 250037   | 16351 | Buttonhole Cutting Lever Bracket Gib (right)                                  |
| 232380   | 16351 | Buttonhole Cutting Lever Bracket Gib Adjusting Plate (2)                      |
| 219E     | 16351 | Buttonhole Cutting Lever Bracket Gib Adjusting Plate Screw (4)                |
| 206482   | 16351 | Buttonhole Cutting Lever Bracket Gib Adjusting Plate Screw Washer (4)         |
| 350304AL | 16351 | Buttonhole Cutting Lever Bracket Gib (left) Screw (3)                         |
| 201176E  | 16351 | Buttonhole Cutting Lever Bracket Gib (right) Screw (3)                        |
| 250038   | 16351 | Buttonhole Cutting Lever Hinge Stud                                           |
| 200089D  | 16351 | " " " " " Set Screw                                                           |
| 251268   | 16351 | Buttonhole Cutting Lever Spring                                               |
| 251269   | 16351 | " " " " Bracket (lower)                                                       |
| 251270   | 16351 | Buttonhole Cutting Lever Spring Bracket (lower) Pin                           |

| No.      | Plate | Name                                                                                                                                                 |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 232482   | 16351 | Buttonhole Cutting Lever Spring Bracket (upper)                                                                                                      |
| 232483   | 16351 | Buttonhole Cutting Lever Spring Bracket (upper) Pin                                                                                                  |
| 250039   | 17409 | Buttonhole Cutting Pressure Wedge with 232056                                                                                                        |
| *201155D | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw                                                                                                    |
| 250538   | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw 201155D with 2273, 201672E, 232054 and 232055                                                      |
| 232054   | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Collar                                                                                             |
| 232055   | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Collar Position Pin                                                                                |
| 232466   | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Lock Spring                                                                                        |
| 662D     | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Lock Spring Screw                                                                                  |
| 201672E  | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Nut                                                                                                |
| 2273     | 17409 | Buttonhole Cutting Pressure Wedge Adjusting Screw Nut Pin                                                                                            |
| 232056   | 17409 | Buttonhole Cutting Pressure Wedge Boss                                                                                                               |
| 232057   | 17409 | " " " " Post with 662D and 232466                                                                                                                    |
| 200122H  | 17409 | Buttonhole Cutting Pressure Wedge Post Screw                                                                                                         |
| 256182   | 16405 | Buttonhole Cutting Shaft                                                                                                                             |
| 255131   | 16405 | " " " " Hand Crank with 350289C                                                                                                                      |
| 350290H  | 16405 | Buttonhole Cutting Shaft Hand Crank Cap Screw                                                                                                        |
| 350289C  | 16405 | Buttonhole Cutting Shaft Hand Crank Position Screw                                                                                                   |
| 255132   | 16405 | Buttonhole Cutting Shaft Hand Crank Washer                                                                                                           |
| 256210   | 16405 | Buttonhole Cutting Shaft Oil Packing (wick)                                                                                                          |
| 256220   | 16405 | Buttonhole Cutting Shaft Pulley (loose) with 255021, 255144, 255158, 255168, two each 172D, 183C, 235404, four each 1671E, 210750, 255546 and 256221 |
| 256002   | 16405 | Buttonhole Cutting Shaft Pulley Bushing                                                                                                              |
| 255168   | 16405 | Buttonhole Cutting Shaft Pulley Oil Cup                                                                                                              |
| 256221   | 16405 | Buttonhole Cutting Shaft Pulley Stud                                                                                                                 |
| 1671E    | 16405 | " " " " " " Nut                                                                                                                                      |
| 255546   | 16405 | " " " " " " Lock Washer                                                                                                                              |
| 256212   | 16405 | Buttonhole Cutting Shaft Support Bracket                                                                                                             |
| 250397   | 16405 | Buttonhole Cutting Shaft Support Bracket Position Pin (2)                                                                                            |

| No.      | Plate | Name                                                          |
|----------|-------|---------------------------------------------------------------|
| 145E     | 16405 | Buttonhole Cutting Shaft Support Bracket Screw (2)            |
| 250042   | 16406 | Buttonhole Cutting Starting Lever with 201085C                |
| 232718   | 16406 | Buttonhole Cutting Starting Lever Hinge Stud                  |
| 200530E  | 16406 | Buttonhole Cutting Starting Lever Hinge Stud Set Screw        |
| 232064   | 16406 | Buttonhole Cutting Starting Lever Latch                       |
| 350148D  | 16406 | " " " " " Hinge Screw                                         |
| 201531E  | 16406 | Buttonhole Cutting Starting Lever Latch Hinge Screw Nut       |
| 232065   | 16406 | Buttonhole Cutting Starting Lever Latch Spring                |
| 201218E  | 16406 | Buttonhole Cutting Starting Lever Latch Spring Screw Stud (2) |
| 200E     | 16406 | Buttonhole Cutting Starting Lever Latch Stop Screw            |
| 250043   | 16406 | Buttonhole Cutting Starting Lever Plate                       |
| 200577AL | 16406 | " " " " " Screw (2)                                           |
| 201085C  | 16406 | Buttonhole Cutting Starting Lever Restoring Screw Stud        |
| 250456   | 16408 | Buttonhole Cutting Starting Lever Safety Plate                |
| 208AL    | 16408 | Buttonhole Cutting Starting Lever Safety Plate Screw (2)      |
| 250044   | 16406 | Buttonhole Cutting Starting Lever Spring                      |
| 350105E  | 16406 | Buttonhole Cutting Starting Lever Spring Screw Stud           |
| 250045   | 16408 | Buttonhole Cutting Trip Lever with 460AL                      |
| 250046   | 16408 | Buttonhole Cutting Trip Lever Bracket                         |
| 232154   | 16408 | " " " " " Position Pin (2)                                    |
| 161D     | 16408 | Buttonhole Cutting Trip Lever Bracket Screw (2)               |
| 2049     | 16408 | Buttonhole Cutting Trip Lever Position Pin                    |
| 250047   | 16408 | Buttonhole Cutting Trip Lever Safety Lever with 237F          |
| 232343   | 16408 | Buttonhole Cutting Trip Lever Safety Lever Position Pin       |
| 237F     | 16408 | Buttonhole Cutting Trip Lever Safety Lever Set Screw          |
| 460AL    | 16408 | Buttonhole Cutting Trip Lever Set Screw                       |
| 253684   | 16408 | " " " " " Shaft                                               |
| 253685   | 16408 | " " " " " Spring                                              |
| 201432C  | 16408 | " " " " " Screw Stud                                          |
| 1521E    | 16408 | " " " " " Nut                                                 |
| 255062   | 16408 | " " " " " Shim (.010 in. thick)                               |
| 255063   | 16408 | Buttonhole Cutting Trip Screw Stud Shim (.025 in. thick)      |

| No.     | Plate | Name                                                                                               |
|---------|-------|----------------------------------------------------------------------------------------------------|
| 254056  | 16417 | Cord Leader and Tension                                                                            |
| 254057  | 16417 | " " Nipper                                                                                         |
| 254058  | 16417 | " " " Arm with 201984                                                                              |
| 205592  | 16417 | " " " Position Pin                                                                                 |
| 203E    | 16417 | " " " Set Screw                                                                                    |
| 253611  | 16417 | " " " Bracket                                                                                      |
| 232310  | 16417 | " " " Position Pin                                                                                 |
| 171E    | 16417 | " " " Screw (2)                                                                                    |
| 350212E | 16417 | " " " Hinge Screw                                                                                  |
| 201883  | 16417 | " " " Roller                                                                                       |
| 201984  | 16417 | " " " 201883 with 201235C                                                                          |
| 201235C | 16417 | " " " Screw Stud                                                                                   |
| 253612  | 16417 | " " " Spring                                                                                       |
| 665D    | 16417 | " " " Screw                                                                                        |
| *256004 | ----- | Driving Wheel (loose)                                                                              |
| 255559  | 16402 | " " " with 200383C                                                                                 |
| 256561  | 16402 | " " " 256004 with 250163 and 250398                                                                |
| 256007  | 16402 | Driving Wheel Clutch Stud (made in .211, .212, .213, .214 and .215 in. diam., state size required) |
| 255560  | 16402 | Driving Wheel Clutch Stud Retainer (back)                                                          |
| 255561  | 16402 | Driving Wheel Clutch Stud Retainer (front)                                                         |
| 145E    | 16402 | Driving Wheel Clutch Stud Retainer Screw                                                           |
| 1528E   | 16402 | Driving Wheel Clutch Stud Retainer Screw Nut                                                       |
| 8873    | 16402 | Driving Wheel Position Pin                                                                         |
| 200383C | 16402 | " " " Set Screw                                                                                    |
| 256224  | 16402 | " " " Stop Cam with 145E, 1528E, 255560 and 255561                                                 |
| 255563  | 16402 | Driving Wheel Stop Cam Oil Pad                                                                     |
| 251025  | 16402 | " " " " " Position Collar with 1036AL                                                              |
| 1036AL  | 16402 | Driving Wheel Stop Cam Position Collar Set Screw                                                   |
| 250417  | 16402 | Driving Wheel Stop Cam Spring                                                                      |
| 232520  | 16348 | Face Plate                                                                                         |
| 641D    | 16348 | " " " Screw (2)                                                                                    |
| 232521  | 17410 | Feed Adjusting Gear                                                                                |
| 250052  | 17410 | " " " " " Bracket                                                                                  |
| 250053  | 17410 | " " " " " Clamping Post                                                                            |
| 690D    | 17410 | Feed Adjusting Gear Bracket Clamping Post Screw (2)                                                |
| 350113C | 17410 | Feed Adjusting Gear Bracket Clamping Screw                                                         |
| 250473  | 17410 | Feed Adjusting Gear Bracket Clamping Screw Washer                                                  |
| 201428C | 17410 | Feed Adjusting Gear Screw Stud                                                                     |
| 1518J   | 17410 | " " " " " Nut                                                                                      |
| 250704  | 16368 | " " Driving Gear (intermediate) with 457AL                                                         |

| No.     | Plate | Name                                                                    |
|---------|-------|-------------------------------------------------------------------------|
| 232721  | 16368 | Feed Driving Gear (intermediate) Position Pin                           |
| 457AL   | 16368 | Feed Driving Gear (intermediate) Set Screw                              |
| 250055  | 16368 | Feed Driving Gear (intermediate) Shaft                                  |
| 256601  | 17410 | " Wheel with three 232382                                               |
| 250057  | 17410 | " " Driving Pawl (3)                                                    |
| 201385C | 17410 | " " " Hinge Screw (3)                                                   |
| 250058  | 17410 | " " " Spring (3)                                                        |
| 232382  | 17410 | " " " Pin                                                               |
| 1449H   | 17410 | " " " Screw (3)                                                         |
| 350071E | 17410 | " " Friction Ring Adjusting Screw                                       |
| 201522E | 17410 | " " " " " "                                                             |
|         |       | Lock Nut                                                                |
| 232131  | 17410 | Feed Wheel Friction Ring Adjusting Screw Washer (2)                     |
| 250059  | 16408 | Feed Wheel Friction Ring Bracket                                        |
| 200070C | 16408 | " " " " " Screw (2)                                                     |
| 250060  | 17410 | " " " " " Section (long)                                                |
| 250061  | 17410 | " " " " " (short)                                                       |
| 232135  | 17410 | " " " " " Spring                                                        |
| 256045  | 17410 | " " " Ring                                                              |
| 256046  | 17410 | " " " Gib (3)                                                           |
| 209F    | 17410 | " " " " " Screw (6)                                                     |
| 201362C | 17410 | " " " Screw Stud                                                        |
| 250418  | 17414 | Finger Starting Lever with 250435 and 250436                            |
| 250419  | 17414 | Finger Starting Lever Hinge Block                                       |
| 350080D | 17414 | " " " " " Hinge Screw                                                   |
| 250420  | 16408 | Finger Starting Lever (intermediate)                                    |
| 255080  | 16408 | " " " " " Bracket                                                       |
|         |       | with 208AL and 991C                                                     |
| 208AL   | 16408 | Finger Starting Lever (intermediate) Bracket Pinch Screw                |
| 158E    | 16408 | Finger Starting Lever (intermediate) Bracket Screw                      |
| 72D     | 16408 | Finger Starting Lever (intermediate) Hinge Screw                        |
| 646F    | 16408 | Finger Starting Lever (intermediate) Operating Stud                     |
| 251292  | 16408 | Finger Starting Lever (intermediate) Operating Stud Collar with 646F    |
| 2273    | 16408 | Finger Starting Lever (intermediate) Operating Stud Collar Position Pin |
| 200097C | 17414 | Finger Starting Lever Screw                                             |
| 228026  | 17414 | " " " " " Washer                                                        |
| 251518  | 17414 | " " " " " Spring                                                        |
| 250435  | 17414 | " " " " " Stud (back)                                                   |
| 250436  | 17414 | " " " " " (front)                                                       |
| 232539  | 16368 | Intermittent Feed Driving Wheel with two 465C                           |
| *256047 | 16368 | Intermittent Feed Driving Wheel Bracket                                 |
| 232244  | 16368 | " " " " " " Position Pin (2)                                            |
| 129E    | 16368 | Intermittent Feed Driving Wheel Bracket Screw (4)                       |

| No.     | Plate | Name                                                      |
|---------|-------|-----------------------------------------------------------|
| 250589  | 16368 | Intermittent Feed Driving Wheel Driving Stud              |
| 204648  | 16368 | Intermittent Feed Driving Wheel Driving Stud Position Pin |
| 232541  | 16368 | Intermittent Feed Driving Wheel Position Pin              |
| 465C    | 16368 | Intermittent Feed Driving Wheel Set Screw                 |
| 232542  | 16368 | Intermittent Feed Driving Wheel Shaft                     |
| 250705  | 16368 | " " " " " " Gear with 465C                                |
| 232721  | 16368 | Intermittent Feed Driving Wheel Shaft Gear Position Pin   |
| 465C    | 16368 | Intermittent Feed Driving Wheel Shaft Gear Set Screw      |
| 253615  | 16422 | Loop Retainer (left)                                      |
| 256049  | 16422 | " " " " " Carrier                                         |
| 256050  | 16422 | " " " (right)                                             |
| 256051  | 16422 | " " " " " Carrier                                         |
| 250068  | 16422 | " " " Adjusting Block (2)                                 |
| 256052  | 16402 | " " " Cam with 447E                                       |
| 40025   | 16402 | " " " " " Position Pin                                    |
| 447E    | 16402 | " " " " " Set Screw                                       |
| 250070  | 16422 | " " " " " Carrier Link (2)                                |
| 201431C | 16422 | " " " " " " Screw (4)                                     |
| 250071  | 16422 | " " " " " Shaft                                           |
| 250072  | 16422 | " " " " " Collar                                          |
| 735E    | 16422 | " " " " " Set Screw                                       |
| 256008  | 16422 | " " " " " Driving Bar                                     |
| 201726C | 16422 | " " " " " Adjusting Nut (3)                               |
| 256009  | 16422 | Loop Retainer Driving Bar Adjusting Nut Washer (2)        |
| 201728C | 16422 | Loop Retainer Driving Bar Lock Nut                        |
| 350388H | 16422 | " " " " " Screw (2)                                       |
| 250491  | 16422 | " " " " " Washer (2)                                      |
| 250074  | 16422 | " " " Shim (.005 in.thick)                                |
| 250449  | 16422 | " " " " (.010 in.thick)                                   |
| 250450  | 16422 | " " " " (.020 in.thick)                                   |
| 250537  | 16422 | " " " " (.030 in.thick)                                   |
| 256010  | 16402 | " " " Slide with 201943                                   |
| 250076  | 16402 | " " " " " Gib (lower) (2)                                 |
| 250077  | 16402 | " " " " " (upper) (2)                                     |
| 190D    | 16402 | " " " " " Screw (6)                                       |
| *250078 | 16402 | " " " " " Guide Extension                                 |
| 40025   | 16402 | " " " " " " " Position Pin                                |
| 127D    | 16402 | Loop Retainer Slide Guide Extension Screw                 |
| 201896  | 16402 | Loop Retainer Slide Roller                                |
| 201943  | 16402 | " " " " " " 201896 with 250429                            |
| 250429  | 16402 | Loop Retainer Slide Roller Stud                           |
| 256053  | 16422 | Looper Bracket with 735E                                  |
| 253472  | 16422 | " (non-threaded)                                          |
| 252507  | 16422 | " (threaded)                                              |
| 201722C | 16422 | " Bracket Adjusting Nut                                   |

| No.     | Plate | Name                                                                                      |
|---------|-------|-------------------------------------------------------------------------------------------|
| 201722C | 16422 | Looper Bracket Adjusting Nut Locking Nut                                                  |
| 254060  | 16424 | Looper Bracket Chip Guard                                                                 |
| 401D    | 16424 | " " " " Screw (3)                                                                         |
| 256570  | 16423 | " " " " Wiper (leather)                                                                   |
| 254062  | 16423 | " " " " Bracket                                                                           |
| 217D    | 16423 | " " " " " Screw                                                                           |
| 254063  | 16423 | " " " " Clamping Plate                                                                    |
| 233D    | 16423 | " " " " Screw                                                                             |
| 256571  | 16423 | " " " " Support                                                                           |
| 256572  | 16423 | Looper Bracket Chip Wiper complete, Nos. 254062, 254063, 256570, two each 233D and 256571 |
| 23421   | 16422 | Looper Bracket Dogging Hole Plug (leather)                                                |
| 232555  | 16422 | Looper Bracket Rotating Gear with 906E                                                    |
| 250084  | 16422 | " " " " Position Pin                                                                      |
| 906E    | 16422 | Looper Bracket Rotating Gear Set Screw                                                    |
| 250085  | 16422 | " " Carrier                                                                               |
| 201433C | 16422 | " " Hinge Screw                                                                           |
| 250086  | 16422 | " " Link                                                                                  |
| 201099C | 16422 | " " " Hinge Screw (2)                                                                     |
| 256011  | 16422 | " " Driving Bar                                                                           |
| 201727C | 16422 | " " " Adjusting Nut (4)                                                                   |
| 256012  | 16422 | " " " " Washer (2)                                                                        |
| 256013  | 16424 | Looper Driving Connection with 1120C                                                      |
| 1120C   | 16424 | " " " Set Screw                                                                           |
| 250089  | 16424 | " " " Slide Rod                                                                           |
| 250090  | 16424 | " " " " Bushing (lower)                                                                   |
| 250091  | 16424 | Looper Driving Connection Slide Rod Bushing (upper)                                       |
| 256015  | 16424 | Looper Driving Crank                                                                      |
| 256016  | 16424 | " " " Bushing                                                                             |
| 200089E | 16424 | " " " " Screw (2)                                                                         |
| 256017  | 16424 | " " " Link                                                                                |
| 250094  | 16424 | " " " Gear with 735E                                                                      |
| 250095  | 16424 | " " " Position Pin                                                                        |
| 735E    | 16424 | " " " Set Screw                                                                           |
| 199C    | 16424 | " " " Link Cap Screw                                                                      |
| 350278C | 16424 | " " " Hinge Screw                                                                         |
| 250097  | 16424 | " " " Disc                                                                                |
| 256014  | 16424 | " " " Bearing                                                                             |
| 51311E  | 16424 | " " " " Screw (3)                                                                         |
| 350365C | 16424 | " " " Cap Screw                                                                           |
| *250098 | 16424 | " " " Gear                                                                                |
| 176D    | 16424 | " " " " Screw (3)                                                                         |
| 201898  | 16402 | " " " Roller                                                                              |
| 201953  | 16402 | " " " 201898 with 201144E and 250099 (2)                                                  |
| 201144E | 16402 | Looper Driving Roller Cap Screw                                                           |
| 250099  | 16402 | " " " Stud                                                                                |
| *256551 | 16424 | " " Frame                                                                                 |
| 250462  | 16424 | " " " Chip Guard                                                                          |

| No.     | Plate | Name                                                                   |
|---------|-------|------------------------------------------------------------------------|
| 232866  | 16424 | Looper Frame Position Pin (2)                                          |
| 201982E | 16424 | " " " Screw (3)                                                        |
| 190D    | 16422 | " " " Screw (2)                                                        |
| 250101  | 16422 | " " " Washer (2)                                                       |
| 232270  | 17415 | " " Thread and Cord Clamping Spring (long)                             |
| 232271  | 17415 | Looper Thread and Cord Clamping Spring (short)                         |
| 200186B | 17415 | Looper Thread and Cord Clamping Spring Screw                           |
| 232272  | 17415 | Looper Thread and Cord Cutter                                          |
| 200186B | 17415 | " " " " Screw                                                          |
| 256054  | 16424 | " " " Controller                                                       |
| 256055  | 16424 | " " " Bracket (adjustable)                                             |
| 1423F   | 16424 | Looper Thread Controller Bracket (adjustable) Screw (2)                |
| 217D    | 16424 | Looper Thread Controller Screw (2)                                     |
| 18859   | 16424 | " " " Guide                                                            |
| 254109  | 16423 | " " " Pull-off (adjustable)                                            |
| 254111  | 16423 | Looper Thread Pull-off complete, Nos. 1056F, 250444, 254109 and 254110 |
| 254110  | 16423 | Looper Thread Pull-off Bracket                                         |
| 254069  | 16423 | " " " " Stop                                                           |
| 703E    | 16423 | " " " " " Screw                                                        |
| 254070  | 16423 | " " " " Cam Plate                                                      |
| 702F    | 16423 | " " " " " Screw (2)                                                    |
| 1550J   | 16423 | " " " " " Nut (2)                                                      |
| 68D     | 16423 | Looper Thread Pull-off Hinge Screw                                     |
| 253622  | 16423 | " " " " Pawl                                                           |
| 1449H   | 16423 | " " " " Hinge Screw                                                    |
| 253623  | 16423 | " " " " Spring                                                         |
| 1056F   | 16423 | " " " " Screw                                                          |
| 250444  | 16423 | " " " " Washer                                                         |
| 254112  | 16423 | " " " " Spring                                                         |
| 32012   | 16424 | " " " Tension Disc (2)                                                 |
| 254065  | 16424 | " " " Guard                                                            |
| 256213  | 16415 | " " " Releaser                                                         |
| 253531  | 16415 | " " " " Lever                                                          |
| 350224E | 16415 | " " " " Hinge Screw                                                    |
| 253532  | 16415 | Looper Thread Tension Releaser Lever Rod                               |
| 253535  | 16415 | Looper Thread Tension Releaser Lever Rod Collar with 237F (2)          |
| 237F    | 16415 | Looper Thread Tension Releaser Lever Rod Collar Set Screw              |
| 251170  | 16415 | Looper Thread Tension Releaser Lever Spring                            |
| 1550J   | 16415 | Looper Thread Tension Releaser Nut                                     |
| 7071    | 16415 | " " " " " Washer                                                       |
| 253534  | 16365 | Looper Thread Tension Releaser Operating Cam Block with 219F           |
| 219F    | 16365 | Looper Thread Tension Releaser Operating Cam Block Set Screw           |

| No.     | Plate | Name                                                          |
|---------|-------|---------------------------------------------------------------|
| 253533  | 16415 | Looper Thread Tension Releaser Operat-<br>ing Lever with 237F |
| 237F    | 16415 | Looper Thread Tension Releaser Operat-<br>ing Lever Set Screw |
| 232515  | 16424 | Looper Thread Tension Spring                                  |
| 1043C   | 16424 | " " " Stud                                                    |
| 190D    | 16424 | " " " " Set Screw                                             |
| 1560C   | 16424 | " " " Thumb Nut                                               |
| 232516  | 16426 | " " Tube (brass)                                              |
| 251622  | 16426 | " " " Bracket (2)                                             |
| 190D    | 16426 | " " " " Screw (2)                                             |
| 32012   | 16426 | Lower Cord Tension Disc (2)                                   |
| 232515  | 16426 | " " " Spring                                                  |
| 637C    | 16426 | " " " Stud                                                    |
| 1560C   | 16426 | " " " Thumb Nut                                               |
| 232516  | 16426 | " " Tube (brass)                                              |
| 254071  | 16426 | " " " (vertical)                                              |
| 250451  | 16426 | " " " Bracket                                                 |
| 217D    | 16426 | " " " " Screw                                                 |
| 250105  | 16348 | Needle Bar Driving Crank with 200394C<br>and two 200382C      |
| 40025   | 16348 | Needle Bar Driving Crank Position Pin                         |
| 200394C | 16348 | " " " " Set Screw                                             |
| 256183  | 16416 | " Driving Bar with 620C                                       |
| 232177  | 16416 | " " " Bushing                                                 |
| 232176  | 16416 | " " " Collar with 200083E                                     |
| 200083E | 16416 | " " " " Pinch Screw                                           |
| 232178  | 16348 | " " " Link                                                    |
| 232709  | 16348 | " " " " Hinge Stud with<br>222598                             |
| 222598  | 16348 | Needle Driving Bar Link Hinge Stud Oil<br>Packing (wick)      |
| 200382C | 16348 | Needle Driving Bar Link Hinge Stud Set<br>Screw               |
| 250108  | 16348 | Needle Driving Bar Swivel with 248821                         |
| 248821  | 16348 | " " " " Oil Packing<br>(wick)                                 |
| 256057  | 16422 | Needle Guard                                                  |
| 230E    | 16422 | " " " Screw                                                   |
| 230E    | 16422 | " " " (support end)                                           |
| 256180  | 16416 | " Holder with 906F                                            |
| 201482D | 16416 | " " Gauge Plate Adjusting Screw                               |
| 250112  | 16416 | " " " " Block                                                 |
| 201734C | 16416 | " " " " Adjusting<br>Nut                                      |
| 256227  | 16416 | Needle Holder Gauge Plate Block Bush-<br>ing                  |
| 181D    | 16416 | Needle Holder Gauge Plate Block Bush-<br>ing Screw (3)        |
| 256059  | 16416 | Needle Holder Gauge Plate Body                                |
| 256060  | 16416 | " " " " Center Plate<br>(for narrow bight)                    |
| 350379D | 16416 | Needle Holder Gauge Plate Clamping<br>Screw                   |

| No.     | Plate | Name                                                                                                                                    |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1550J   | 16416 | Needle Holder Gauge Plate Clamping<br>Screw Nut                                                                                         |
| 200118F | 16416 | Needle Holder Gauge Plate Screw (2)                                                                                                     |
| 256061  | 16416 | " " " " Shim                                                                                                                            |
| 256064  | 16416 | " " " " Side Plate<br>(left)                                                                                                            |
| 256062  | 16416 | Needle Holder Gauge Plate Side Plate<br>(right)                                                                                         |
| 256063  | 16416 | Needle Holder Gauge Plate (for narrow<br>bight) complete, Nos. 256059, 256060,<br>256062, 256064, two each 1550J, 256061<br>and 350379D |
| 208AL   | 16416 | Needle Holder Screw (2)                                                                                                                 |
| 256181  | 16416 | " " Slide                                                                                                                               |
| 256068  | 16416 | " " " Lever with 256069<br>and 351861                                                                                                   |
| 350147C | 16416 | Needle Holder Slide Lever Hinge Screw                                                                                                   |
| 351861  | 16416 | " " " " Roller                                                                                                                          |
| 256069  | 16416 | " " " " Stud                                                                                                                            |
| 256203  | 16416 | " " " " Stud                                                                                                                            |
| 350416E | 16416 | " " " " " Screw                                                                                                                         |
| 256204  | 16416 | " " " " " " Washer                                                                                                                      |
| 256184  | 16416 | Needle Holder Slide Stud                                                                                                                |
| 620C    | 16416 | " " " " Set Screw                                                                                                                       |
| 256228  | 16416 | " Rotating Gear                                                                                                                         |
| 250118  | 16416 | " " " Key                                                                                                                               |
| 906F    | 16416 | " Set Screw                                                                                                                             |
| 256562  | 17412 | " Thread End Removing Finger<br>(movable)                                                                                               |
| 256563  | 17412 | Needle Thread End Removing Finger<br>(stationary)                                                                                       |
| 256564  | 17412 | Needle Thread End Removing Finger<br>Bracket                                                                                            |
| 253632  | 16417 | Needle Thread End Removing Finger Cam<br>Plate (adjustable)                                                                             |
| 190D    | 16417 | Needle Thread End Removing Finger Cam<br>Plate (adjustable) Screw (2)                                                                   |
| 7071    | 16417 | Needle Thread End Removing Finger Cam<br>Plate (adjustable) Screw Washer (2)                                                            |
| 254072  | 16417 | Needle Thread End Removing Finger Cam<br>Plate (stationary)                                                                             |
| 164D    | 16417 | Needle Thread End Removing Finger Cam<br>Plate (stationary) Screw (2)                                                                   |
| 250958  | 17412 | Needle Thread End Removing Finger<br>Hinge Pin                                                                                          |
| 256566  | 17412 | Needle Thread End Removing Finger Open-<br>ing Lever                                                                                    |
| 256567  | 17412 | Needle Thread End Removing Finger Open-<br>ing Lever Crank with 735C                                                                    |
| 2273    | 17412 | Needle Thread End Removing Finger Open-<br>ing Lever Crank Position Pin                                                                 |
| 735C    | 17412 | Needle Thread End Removing Finger Open-<br>ing Lever Crank Set Screw                                                                    |

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| No.     | Plate | Name                                              |
|---------|-------|---------------------------------------------------|
| 218E    | 17412 | Needle Thread End Removing Finger Screw           |
| 253636  | 17412 | Needle Thread End Removing Finger Spring          |
| 256629  | 17413 | Needle Thread Guide                               |
| 232792  | 17413 | " " Leader                                        |
| 1664E   | 17413 | " " Nut                                           |
| 256630  | 17413 | " " Nipper with 208AL                             |
| 256631  | 17413 | " " Lever                                         |
| 99C     | 17413 | " " Hinge Screw                                   |
| 208AL   | 17413 | " " Set Screw                                     |
| 256632  | 17413 | " " Spring                                        |
| 256633  | 17413 | " " Bushing (lower)                               |
| 256634  | 17413 | " " " (upper)                                     |
| 253473  | 17413 | " " Pull-off                                      |
| 256200  | 17413 | " " (adjustable)                                  |
| 253474  | 17413 | " " Guide                                         |
| 1550J   | 17413 | " " (adjustable) Lock Nut                         |
| 350196D | 17413 | Needle Thread Pull-off Screw Stud with 237F       |
| 1550J   | 17413 | Needle Thread Pull-off Screw Stud Nut             |
| 7071    | 17413 | " " " " " "                                       |
|         |       | Washer                                            |
| 237F    | 17413 | Needle Thread Pull-off Set Screw                  |
| 253715  | 16416 | " " Retaining Spring                              |
| 253716  | 16416 | " " " " Guard                                     |
| 240D    | 16416 | " " " " Screw                                     |
| 256070  | 17413 | " " Take-up with 201374E and 201937               |
| 256072  | 17413 | Needle Thread Take-up Bracket                     |
| 256073  | 17413 | " " " " Cover                                     |
| 1423F   | 17413 | " " " " Screw                                     |
|         |       | (4)                                               |
| 250399  | 17413 | Needle Thread Take-up Bracket Position Pin (2)    |
| 161D    | 17413 | Needle Thread Take-up Bracket Screw (3)           |
| 256074  | 17413 | " " " " Cam with two 457AL                        |
| 232721  | 17413 | " " " " Position Pin                              |
| 457AL   | 17413 | " " " " Set Screw                                 |
| 256075  | 17413 | " " " " Shaft                                     |
| 232673  | 17413 | " " " " Gear with two 448AL                       |
| 40025   | 17413 | Needle Thread Take-up Cam Shaft Gear Position Pin |
| 448AL   | 17413 | Needle Thread Take-up Cam Shaft Gear Set Screw    |
| 350268C | 17413 | Needle Thread Take-up Hinge Screw                 |
| 201873  | 17413 | " " " " Roller                                    |
| 201937  | 17413 | " " " " 201873 with 201144E and 232686            |
| 201144E | 17413 | Needle Thread Take-up Roller Cap Screw            |
| 232686  | 17413 | " " " " Stud                                      |
| 201374E | 17413 | " " " " Cap Screw                                 |
| 256071  | 17413 | Needle Thread Take-up Thread Guide                |

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| No.     | Plate | Name                                                                                                                     |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------|
| 255126  | 16348 | Needle Vibrating Bell Crank                                                                                              |
| 250142  | 16348 | " " " " Connection                                                                                                       |
| *38444  | ----- | " " " " End Bearing (back)                                                                                               |
| 38446   | 16348 | Needle Vibrating Bell Crank Connection End Bearing 38444 with 42524, 50016C and two 175E                                 |
| 50016C  | 16348 | Needle Vibrating Bell Crank Connection End Bearing (back) Ball Screw Stud                                                |
| 1636E   | 16348 | Needle Vibrating Bell Crank Connection End Bearing (back) Ball Screw Stud Nut                                            |
| *42524  | ----- | Needle Vibrating Bell Crank Connection End Bearing (back) Cap                                                            |
| 175E    | 16348 | Needle Vibrating Bell Crank Connection End Bearing (back) Cap Screw                                                      |
| 1698C   | 16348 | Needle Vibrating Bell Crank Connection End Bearing (back) Check Nut                                                      |
| *38443  | ----- | Needle Vibrating Bell Crank Connection End Bearing (front)                                                               |
| 250143  | 16348 | Needle Vibrating Bell Crank Connection End Bearing 38443 with 42525, 201449C and two 175E                                |
| 201449C | 16348 | Needle Vibrating Bell Crank Connection End Bearing (front) Ball Screw                                                    |
| *42525  | ----- | Needle Vibrating Bell Crank Connection End Bearing (front) Cap                                                           |
| 175E    | 16348 | Needle Vibrating Bell Crank Connection End Bearing (front) Cap Screw                                                     |
| 1697C   | 16348 | Needle Vibrating Bell Crank Connection End Bearing (front) Check Nut                                                     |
| 350282C | 16348 | Needle Vibrating Bell Crank Hinge Screw                                                                                  |
| 256202  | 16368 | " " Lever with 202423                                                                                                    |
| 256079  | 16368 | " " " " Hinge Stud                                                                                                       |
| 443C    | 16368 | " " " " " " Set Screw                                                                                                    |
| 202423  | 16368 | Needle Vibrating Lever Oil Packing (wick)                                                                                |
| 256178  | 16416 | Needle Vibrating Ring with 462AL                                                                                         |
| 232421  | 16416 | " " " " Guide Stud                                                                                                       |
| 200083E | 16416 | " " " " " " Set Screw                                                                                                    |
| 232343  | 16416 | Needle Vibrating Ring Position Pin                                                                                       |
| 462AL   | 16416 | " " " " Set Screw                                                                                                        |
| 256179  | 16416 | " " " " Rod                                                                                                              |
| 250146  | 16416 | " " " " Guide with 1230E                                                                                                 |
| 232343  | 16416 | " " " " Position Pin                                                                                                     |
| 1230E   | 16416 | " " " " Set Screw                                                                                                        |
| 256080  | 16416 | " " " " Switch                                                                                                           |
| 200308D | 16416 | " " " " Hinge Screw                                                                                                      |
| 254025  | 17416 | Pattern Wheel for 7/8 in. Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 1/4 in., with 256205 and two 205D |
| 201668E | 16426 | Pattern Wheel Clamping Nut                                                                                               |
| 256205  | 17416 | " " " " Position Plate                                                                                                   |
| 205D    | 17416 | " " " " " " Screw                                                                                                        |

## PARTS FOR MACHINE No. 99w122

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| No.     | Plate | Name                                                                      |
|---------|-------|---------------------------------------------------------------------------|
| 1423F   | 17413 | Needle Thread Take-up Thread Guide<br>Screw (2)                           |
| 32012   | 17413 | Needle Thread Tension Disc (2)                                            |
| 991C    | 16412 | " " " Releasing Adjust-<br>ing Screw                                      |
| 1550J   | 16412 | Needle Thread Tension Releasing Ad-<br>justing Screw Nut                  |
| 256076  | 17413 | Needle Thread Tension Releasing Arm                                       |
| 974F    | 17413 | " " " " "                                                                 |
|         |       | Hinge Screw                                                               |
| 256189  | 16412 | Needle Thread Tension Releasing Block<br>with 200E                        |
| 200E    | 16412 | Needle Thread Tension Releasing Block<br>Set Screw                        |
| 32572   | 17413 | Needle Thread Tension Releasing Disc                                      |
| 256215  | 16412 | " " " " Lever                                                             |
| 255010  | 16412 | " " " " "                                                                 |
|         |       | Bracket                                                                   |
| 200346C | 16412 | Needle Thread Tension Releasing Lever<br>Bracket Adjusting Screw          |
| 145E    | 16412 | Needle Thread Tension Releasing Lever<br>Bracket Screw (lower)            |
| 200062H | 16412 | Needle Thread Tension Releasing Lever<br>Bracket Screw (upper)            |
| 256216  | 16412 | Needle Thread Tension Releasing Lever<br>Extension                        |
| 161D    | 16412 | Needle Thread Tension Releasing Lever<br>Extension Adjusting Screw        |
| 226163  | 16412 | Needle Thread Tension Releasing Lever<br>Extension Adjusting Screw Washer |
| 176D    | 16412 | Needle Thread Tension Releasing Lever<br>Extension Screw                  |
| 35D     | 16412 | Needle Thread Tension Releasing Lever<br>Hinge Screw                      |
| 255011  | 16412 | Needle Thread Tension Releasing Lever<br>Spring                           |
| 39635   | 17413 | Needle Thread Tension Releasing Pin                                       |
| 256190  | 16412 | " " " " Rod                                                               |
| 256191  | 16412 | " " " " " Brack-<br>et                                                    |
| 190D    | 16412 | Needle Thread Tension Releasing Rod<br>Bracket Screw (2)                  |
| 256020  | 16412 | Needle Thread Tension Releasing Rod<br>Plate                              |
| 792D    | 16412 | Needle Thread Tension Releasing Rod<br>Plate Screw (2)                    |
| 208AL   | 16412 | Needle Thread Tension Releasing Rod<br>Screw                              |
| 350399C | 17413 | Needle Thread Tension Stud                                                |
| 256185  | 17413 | " " " Spring                                                              |
| 1560C   | 17413 | " " " Thumb Nut                                                           |
| 250140  | 16348 | " Vibrating Adjusting Link                                                |
| 741C    | 16348 | " " " " Hinge<br>Screw                                                    |
| 350076C | 16348 | Needle Vibrating Adjusting Stud                                           |
| 1671C   | 16348 | " " " " Nut                                                               |
| 39532   | 16348 | " " " " Sleeve                                                            |

## PARTS FOR MACHINE No. 99w122

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| No.    | Plate | Name                                                                                                                                                                              |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 250148 | 16426 | Pattern Wheel Position Stud                                                                                                                                                       |
| 250372 | 17416 | " " " " " " Rapid Feed Trip Point                                                                                                                                                 |
| 203E   | 17416 | " " " " " " " Screw                                                                                                                                                               |
| 250617 | 17416 | " " " " " " Ring (adjustable)                                                                                                                                                     |
| 255307 | 17416 | " " " " " " 250617 with 252662,<br>252663, two each 211E and 250444                                                                                                               |
| 252662 | 17416 | Pattern Wheel Ring Adjusting Segment<br>(curved rise)                                                                                                                             |
| 252663 | 17416 | Pattern Wheel Ring Adjusting Segment<br>(straight drop)                                                                                                                           |
| 211E   | 17416 | Pattern Wheel Ring Adjusting Segment<br>Screw                                                                                                                                     |
| 250444 | 17416 | Pattern Wheel Ring Adjusting Segment<br>Screw Washer                                                                                                                              |
| 391D   | 17416 | Pattern Wheel Ring Screw                                                                                                                                                          |
| 254026 | 17416 | Pattern Wheel, for 7/8 in. Taper Bar<br>(large eye) Buttonhole, bar adjust-<br>able from 1/8 to 1/4 in. complete.<br>Nos. 254025, 255307, two each 203E,<br>250372 and three 391D |
| 251298 | 16426 | Pattern Wheel Shaft with 250148                                                                                                                                                   |
| 253645 | 16426 | " " " " Bevel Gear with<br>168D, 253656, 253657, three 253658 and<br>four 1454E                                                                                                   |
| 40025  | 16426 | Pattern Wheel Shaft Bevel Gear Position<br>Pin                                                                                                                                    |
| 168D   | 16426 | Pattern Wheel Shaft Bevel Gear Set<br>Screw                                                                                                                                       |
| 250151 | 16426 | Pattern Wheel Shaft Bushing (left)                                                                                                                                                |
| 145E   | 16426 | " " " " " " " Screw<br>(2)                                                                                                                                                        |
| 250152 | 16426 | Pattern Wheel Shaft Bushing (right)                                                                                                                                               |
| 647E   | 16426 | " " " " " " " Screw<br>(2)                                                                                                                                                        |
| 232600 | 16426 | Pattern Wheel Shaft Collar with two<br>453AL                                                                                                                                      |
| 453AL  | 16426 | Pattern Wheel Shaft Collar Set Screw                                                                                                                                              |
| 250154 | 16426 | Rapid Feed Clutch Disengaging Lever<br>(3)                                                                                                                                        |
| 253481 | 16426 | Rapid Feed Clutch Disengaging Sleeve                                                                                                                                              |
| 250156 | 16426 | " " " " " " Driving Disc                                                                                                                                                          |
| 1230F  | 16426 | " " " " " " " Screw (4)                                                                                                                                                           |
| 201897 | 16426 | " " " " " " Roller (3)                                                                                                                                                            |
| 255095 | 16426 | " " " " " " Carrier with<br>624E                                                                                                                                                  |
| 40025  | 16426 | Rapid Feed Clutch Roller Carrier Posi-<br>tion Pin                                                                                                                                |
| 624E   | 16426 | Rapid Feed Clutch Roller Carrier Set<br>Screw                                                                                                                                     |
| 250153 | 16426 | Rapid Feed Clutch Roller Retainer (3)                                                                                                                                             |
| 208AL  | 16426 | " " " " " " " Screw<br>(3)                                                                                                                                                        |
| 255096 | 16426 | Rapid Feed Clutch Roller Spring (3)                                                                                                                                               |
| 255097 | 16426 | " " " " " " " Guide<br>Pin (3)                                                                                                                                                    |
| 250158 | 16367 | Rapid Feed Crank Shaft                                                                                                                                                            |
| 250159 | 16367 | " " " " " " Bushing (back)                                                                                                                                                        |



| No.     | Plate | Name                                   |
|---------|-------|----------------------------------------|
| 203213  | 16421 | Rapid Feed Starting Lever Stud Spring  |
| 253537  | 16367 | " " " Pawl                             |
| 256177  | 16367 | " " " Oiling Pad (felt)                |
| 181D    | 16367 | " " " " " Screw                        |
| 9525    | 16367 | " " " " " Washer                       |
| 250188  | 16367 | Rapid Feed Starting Pawl Spring        |
| 201454E | 16368 | " " " " " Screw                        |
|         |       | Eye                                    |
| 1521E   | 16368 | Rapid Feed Starting Pawl Spring Screw  |
|         |       | Eye Nut                                |
| 250189  | 16421 | Rapid Feed Starting Trip Lever with    |
|         |       | 1454E                                  |
| 251623  | 16421 | Rapid Feed Starting Trip Lever Over-   |
|         |       | throw Stop                             |
| 350229E | 16421 | Rapid Feed Starting Trip Lever Over-   |
|         |       | throw Stop Screw                       |
| 7071    | 16421 | Rapid Feed Starting Trip Lever Over-   |
|         |       | throw Stop Screw Washer                |
| 201445E | 16421 | Rapid Feed Starting Trip Lever Posi-   |
|         |       | tion Screw                             |
| 201437C | 16421 | Rapid Feed Starting Trip Lever Screw   |
|         |       | Stud                                   |
| 1454E   | 16421 | Rapid Feed Starting Trip Lever Set     |
|         |       | Screw                                  |
| 255123  | 16364 | Rapid Feed Tripping Pawl               |
| 1410D   | 16364 | " " " " Cap Screw                      |
| 255124  | 16364 | " " " " Lever                          |
| 250432  | 16364 | " " " " Bracket                        |
| 232154  | 16364 | " " " " " "                            |
|         |       | Position Pin (2)                       |
| 350110C | 16364 | Rapid Feed Tripping Pawl Lever Bracket |
|         |       | Screw                                  |
| 14017   | 16364 | Rapid Feed Tripping Pawl Lever Bracket |
|         |       | Screw Washer                           |
| 72C     | 16364 | Rapid Feed Tripping Pawl Lever Hinge   |
|         |       | Screw                                  |
| 255167  | 16364 | Rapid Feed Tripping Pawl Spring        |
| 250195  | 16367 | " " " Worm with 453AL                  |
| 25362   | 16367 | " " " Ball                             |
| 250196  | 16367 | " " " " Bearing Cup                    |
| 225007  | 16367 | " " " " Retainer with                  |
|         |       | eight 25362                            |
| 232244  | 16367 | Rapid Feed Worm Position Pin           |
| 453AL   | 16367 | " " " Set Screw                        |
| 250197  | 16426 | " " " Wheel                            |
| 250198  | 16426 | " " " Collar with two                  |
|         |       | 453AL                                  |
| 453AL   | 16426 | Rapid Feed Worm Wheel Collar Set Screw |
| 202244  | 16426 | " " " Oil Packing (wick)               |
| 256196  | 16409 | Starting and Retaining Latch with      |
|         |       | 201160E                                |
| 255136  | 16409 | Starting and Retaining Latch Crank     |
|         |       | with 209F and 1819                     |
| 2269    | 16409 | Starting and Retaining Latch Crank     |
|         |       | Position Pin                           |

| No.                                    | Plate | Name                                    |
|----------------------------------------|-------|-----------------------------------------|
| 1819                                   | 16409 | Starting and Retaining Latch Crank      |
|                                        |       | Roller and Stud                         |
| 209F                                   | 16409 | Starting and Retaining Latch Crank Set  |
|                                        |       | Screw                                   |
| 255157                                 | 16409 | Starting and Retaining Latch Spring     |
| 201160E                                | 16409 | " " " " "                               |
|                                        |       | Screw Eye                               |
| 255158                                 | 16405 | Starting and Retaining Latch Tripping   |
|                                        |       | Block                                   |
| 235404                                 | 16405 | Starting and Retaining Latch Tripping   |
|                                        |       | Block Pin                               |
| 183C                                   | 16405 | Starting and Retaining Latch Tripping   |
|                                        |       | Block Screw                             |
| 255138                                 | 16409 | Starting Bell Crank with 201160E        |
| 350291C                                | 16409 | " " " " Hinge Screw                     |
| 250202                                 | 16408 | " Rod                                   |
| 250203                                 | 16408 | " " Block with 203E                     |
| 2273                                   | 16408 | " " Position Pin                        |
| 203E                                   | 16408 | " " Set Screw                           |
| 40043                                  | 16408 | " " Collar with 209AL (2)               |
| 209AL                                  | 16408 | " " Set Screw                           |
| 250204                                 | 16408 | " " Lock                                |
| 946D                                   | 16408 | " " Hinge Screw                         |
| 250205                                 | 16408 | " " Spring                              |
| 213D                                   | 16408 | " " " Screw                             |
| 250206                                 | 16408 | " " " Washer                            |
| 250207                                 | 16408 | " " Safety Lock                         |
| 38D                                    | 16408 | " " Hinge Screw                         |
| 226467                                 | 16408 | " " " Washer                            |
| 250423                                 | 16408 | " " Spring                              |
| 201160E                                | 16408 | " " Screw Eye                           |
| 250210                                 | 16368 | Stitch Regulating Gear, 22 teeth        |
| 250211                                 | 16368 | " " 26 teeth                            |
| 250212                                 | 16368 | " " 28 teeth                            |
| 250598                                 | 16368 | " " 30 teeth                            |
| 250213                                 | 16368 | " " 33 teeth                            |
| Note: Stitch Regulating Gear 250213 is |       |                                         |
| furnished with this machine unless     |       |                                         |
| otherwise specified on order           |       |                                         |
| 250214                                 | 16368 | Stitch Regulating Gear, 34 teeth        |
| 250415                                 | 16368 | " " 38 teeth                            |
| 250478                                 | 16368 | " " 42 teeth                            |
| 201660C                                | 16368 | " " Lock Nut                            |
| 256081                                 | 16355 | " Rotating Lever (lower) with 458C      |
| 201442C                                | 16355 | " " Position                            |
|                                        |       | Screw                                   |
| 351862                                 | 16355 | Stitch Rotating Lever (lower) Roller    |
| 350378C                                | 16355 | " " " "                                 |
|                                        |       | Screw Stud                              |
| 201666E                                | 16355 | Stitch Rotating Lever (lower) Roller    |
|                                        |       | Screw Stud Nut                          |
| 458C                                   | 16355 | Stitch Rotating Lever (lower) Set Screw |
| 232591                                 | 17411 | " " (upper) with 448AL                  |
| 40025                                  | 17411 | " " Position Pin                        |
| 448AL                                  | 17411 | " " Set Screw                           |
| 232807                                 | 16355 | " " Connection (front                   |
|                                        |       | section) (lower)                        |

| No.     | Plate | Name                                                                                            |
|---------|-------|-------------------------------------------------------------------------------------------------|
| 232593  | 17411 | Stitch Rotating Lever Connection (front section) (upper)                                        |
| 232808  | 16355 | Stitch Rotating Lever Connection (rear section) (lower)                                         |
| 232592  | 17411 | Stitch Rotating Lever Connection (rear section) (upper)                                         |
| 58F     | 16355 | Stitch Rotating Lever Connection Hinge Screw (4)                                                |
| 172D    | 16355 | Stitch Rotating Lever Connection Screw (lower)                                                  |
| 39504   | 16355 | Stitch Rotating Lever Connection Screw Washer (lower)                                           |
| 193D    | 17411 | Stitch Rotating Lever Connection Screw (upper)                                                  |
| 232717  | 17411 | Stitch Rotating Lever Connection Screw Washer (upper)                                           |
| 232764  | 16355 | Stitch Rotating Lever Connection (lower) complete, Nos. 232807, 232808, two each 172D and 39504 |
| 250400  | 17411 | Stitch Rotating Lever Connection (upper) complete, Nos. 232592, 232593, 232717 and two 193D     |
| 250394  | 16355 | Stitch Rotating Lever Rock Shaft                                                                |
| 250216  | 16355 | " " " " Sector (lower)                                                                          |
| 232597  | 16355 | " " " " " Bracket                                                                               |
| 690D    | 16355 | " " " " " " Screw                                                                               |
| 226163  | 16355 | Stitch Rotating Sector (lower) Bracket Screw Washer                                             |
| 350087C | 16355 | Stitch Rotating Sector (lower) Hinge Screw                                                      |
| 250217  | 17411 | Stitch Rotating Sector (upper)                                                                  |
| 232599  | 17411 | " " " " " Bracket                                                                               |
| 201395D | 17411 | " " " " " " Screw (2)                                                                           |
| 232600  | 17411 | Stitch Rotating Sector (upper) Collar with two 453AL                                            |
| 453AL   | 17411 | Stitch Rotating Sector (upper) Collar Set Screw                                                 |
| 251026  | 16363 | Stop Lever with 200352C                                                                         |
| 232262  | 16363 | " " " " Bracket                                                                                 |
| 350263E | 16363 | " " " " " Screw                                                                                 |
| 250218  | 16363 | " " " " Crank with 453AL                                                                        |
| 40025   | 16363 | " " " " " Position Pin                                                                          |
| 453AL   | 16363 | " " " " " Set Screw                                                                             |
| 232263  | 16363 | " " " " Friction Pad (rawhide)                                                                  |
| 200110D | 16363 | " " " " " " Screw (2)                                                                           |
| 255169  | 16363 | " " " " Interlocking Slide                                                                      |
| 201084C | 16363 | " " " " " " Adjusting Screw                                                                     |
| 201628E | 16363 | Stop Lever Interlocking Slide Adjusting Screw Nut                                               |
| 1178D   | 16363 | Stop Lever Interlocking Slide Screw                                                             |
| 232265  | 16363 | " " " " " " Washer                                                                              |
| 250416  | 16363 | Stop Lever Interlocking Slide Spring                                                            |
| 250219  | 16365 | " " " " Link                                                                                    |
| 250220  | 16365 | " " " " " Connection                                                                            |

| No.     | Plate | Name                                                                |
|---------|-------|---------------------------------------------------------------------|
| 250221  | 16365 | Stop Lever Link Connection Locking Pin                              |
| 250222  | 16365 | " " " " " " " "                                                     |
|         |       | Spring                                                              |
| 217D    | 16365 | Stop Lever Link Connection Locking Pin Spring Screw (2)             |
| 350225D | 16365 | Stop Lever Link Connection Screw (back)                             |
| 807D    | 16365 | " " " " " " (front)                                                 |
| 64C     | 16365 | " " " " Hinge Screw                                                 |
| 250223  | 16365 | " " " " Operating Lever                                             |
| 11C     | 16365 | " " " " " Hinge Screw                                               |
| 250224  | 16365 | " " " " " Plate                                                     |
| 157D    | 16365 | " " " " " " Screw                                                   |
| 39541   | 16365 | " " " " " " Washer                                                  |
| 201442C | 16363 | " " " " " Position Screw                                            |
| 200352C | 16363 | " " " " " Set Screw                                                 |
| 250225  | 16363 | " " " " " Shaft                                                     |
| 256217  | 16363 | " " " " " Spring                                                    |
| 201110D | 16363 | " " " " " " Screw                                                   |
| 253647  | 17412 | Thread and Cord Cutting Blade (movable)                             |
| 253773  | 17412 | Thread and Cord Cutting Blade (stationary)                          |
| 175E    | 17412 | Thread and Cord Cutting Blade (stationary) Screw                    |
| 250444  | 17412 | Thread and Cord Cutting Blade (stationary) Screw Washer             |
| 256568  | 17412 | Thread and Cord Cutting Blade Bracket                               |
| 253693  | 16419 | " " " " " " " " Ad-justing Plate                                    |
| 190D    | 16419 | Thread and Cord Cutting Blade Bracket Adjusting Plate Screw         |
| 7071    | 16419 | Thread and Cord Cutting Blade Bracket Adjusting Plate Screw Washer  |
| 350259E | 17412 | Thread and Cord Cutting Blade Bracket Screw                         |
| 208636  | 17412 | Thread and Cord Cutting Blade Bracket Screw Washer                  |
| 253774  | 16417 | Thread and Cord Cutting Blade Cam Plate                             |
| 253651  | 16417 | " " " " " " " " Bracket                                             |
| 161D    | 16417 | Thread and Cord Cutting Blade Cam Plate Bracket Screw               |
| 203E    | 16417 | Thread and Cord Cutting Blade Cam Plate Screw (2)                   |
| 253775  | 17412 | Thread and Cord Cutting Blade Guard                                 |
| 86E     | 17412 | " " " " " " " Hinge Screw                                           |
| 253653  | 17412 | Thread and Cord Cutting Blade Spring                                |
| 253654  | 16419 | " " " " " " Driving Lever with 362F and 351868                      |
| 253655  | 16419 | Thread and Cord Cutting Driving Lever Bracket                       |
| 135D    | 16419 | Thread and Cord Cutting Driving Lever Bracket Screw (2)             |
| *253656 | ----- | Thread and Cord Cutting Driving Lever Cam Groove Protector (inside) |



| No.     | Plate | Name                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 256603  | 17414 | Work Clamp Base (left) 256086 with 194C, 217E, 662D, 792D, 991E, 1423F, 1443F, 1550J, 7071, 10249, 13218, 200051E, 200097C, 201237E, 201537H, 250241, 250418, 250419, 251518, 251519, 252202, 253717, 253724, 253782, 254038, 255003, 255016, 255057, 255162, 255164, 256214, 256605, 256607, 350080D, 350136E two 207F, 401H, 201129D, 228026, 253780, 350123E and seven 934H |
| 255162  | 17414 | Work Clamp Base (left) Guard                                                                                                                                                                                                                                                                                                                                                   |
| 934H    | 17414 | " " " " " Screw                                                                                                                                                                                                                                                                                                                                                                |
| 256087  | 17415 | " " " (right) with 251619                                                                                                                                                                                                                                                                                                                                                      |
| 256604  | 17415 | " " " " 256087 with 662D 792D, 991E, 1423F, 1443F, 1550J, 13218, 200051E, 201237E, 201537H, 228026, 232270 to 232272, 250242, 250275, 252202, 253718, 253724, 253783, 254039, 255003, 255016, 255058, 255163, 255165, 256214, 256606, 256608, 350136E, two each 401H, 200186B, 201129D, 253780, 350123E, four 207F and seven 934H                                              |
| 255163  | 17415 | Work Clamp Base (right) Guard                                                                                                                                                                                                                                                                                                                                                  |
| 934H    | 17415 | " " " " " Screw                                                                                                                                                                                                                                                                                                                                                                |
| 254038  | 17414 | " " " " " Clamping Plate (left)                                                                                                                                                                                                                                                                                                                                                |
| 253782  | 17414 | " " " " " " "                                                                                                                                                                                                                                                                                                                                                                  |
|         |       | Cover                                                                                                                                                                                                                                                                                                                                                                          |
| 254039  | 17415 | Work Clamp Base Clamping Plate (right)                                                                                                                                                                                                                                                                                                                                         |
| 253783  | 17415 | " " " " " " "                                                                                                                                                                                                                                                                                                                                                                  |
|         |       | Cover                                                                                                                                                                                                                                                                                                                                                                          |
| 401H    | 17414 | Work Clamp Base Clamping Plate Cover                                                                                                                                                                                                                                                                                                                                           |
|         |       | Screw                                                                                                                                                                                                                                                                                                                                                                          |
| 934H    | 17414 | Work Clamp Base Clamping Plate Screw                                                                                                                                                                                                                                                                                                                                           |
| 253780  | 17414 | " " " " " Shim                                                                                                                                                                                                                                                                                                                                                                 |
| 251619  | 17414 | " " " " " Hinge Stud                                                                                                                                                                                                                                                                                                                                                           |
| 250439  | 16427 | " " " " " Retaining Stud                                                                                                                                                                                                                                                                                                                                                       |
| 250241  | 17414 | " " " " " Spring (left)                                                                                                                                                                                                                                                                                                                                                        |
| 250242  | 17415 | " " " " " (right)                                                                                                                                                                                                                                                                                                                                                              |
| 1443F   | 17414 | " " " " " Screw                                                                                                                                                                                                                                                                                                                                                                |
| 201451E | 16427 | " " " " " Stud (2)                                                                                                                                                                                                                                                                                                                                                             |
| 232309  | 16427 | " " " " " Stop Block (2)                                                                                                                                                                                                                                                                                                                                                       |
| 232310  | 16427 | " " " " " Position Pin                                                                                                                                                                                                                                                                                                                                                         |
|         |       | (2)                                                                                                                                                                                                                                                                                                                                                                            |
| 201148H | 16427 | Work Clamp Base Stop Block Screw (2)                                                                                                                                                                                                                                                                                                                                           |
| 256021  | 16427 | " " " Carrier Base Plate with 250439                                                                                                                                                                                                                                                                                                                                           |
| 256040  | 16427 | Work Clamp Carrier Base Plate Extension                                                                                                                                                                                                                                                                                                                                        |
| 934H    | 16427 | Work Clamp Carrier Base Plate Extension Screw (2)                                                                                                                                                                                                                                                                                                                              |
| 256022  | 16428 | Work Clamp Carrier Base Plate Slide Rod                                                                                                                                                                                                                                                                                                                                        |
| 201643E | 16428 | " " " " " " "                                                                                                                                                                                                                                                                                                                                                                  |
|         |       | Nut (2)                                                                                                                                                                                                                                                                                                                                                                        |
| 250095  | 16428 | Work Clamp Carrier Base Plate Slide Rod Position Pin (2)                                                                                                                                                                                                                                                                                                                       |
| 200119D | 16428 | Work Clamp Carrier Base Plate Slide Rod Set Screw                                                                                                                                                                                                                                                                                                                              |

| No.     | Plate | Name                                                                                                  |
|---------|-------|-------------------------------------------------------------------------------------------------------|
| 250244  | 17410 | Work Clamp Carrier Feed Lever                                                                         |
| 350185C | 17410 | " " " " " Hinge                                                                                       |
|         |       | Screw                                                                                                 |
| 250245  | 17410 | Work Clamp Carrier Feed Lever Link                                                                    |
| 250246  | 17410 | " " " " " " "                                                                                         |
|         |       | Block                                                                                                 |
| 50168E  | 17410 | Work Clamp Carrier Feed Lever Link Block Screw (2)                                                    |
| 350070C | 17410 | Work Clamp Carrier Feed Lever Link Hinge Screw (block end)                                            |
| 350216C | 17410 | Work Clamp Carrier Feed Lever Link Hinge Screw (lever end)                                            |
| 351863  | 17410 | Work Clamp Carrier Feed Lever Roller                                                                  |
| 351864  | 17410 | " " " " " " "                                                                                         |
|         |       | 351863 with 256098 and 350072E                                                                        |
| 350072E | 17410 | Work Clamp Carrier Feed Lever Roller Cap Screw                                                        |
| 256088  | 17410 | Work Clamp Carrier Feed Lever Roller Stud                                                             |
| 255076  | 17410 | Work Clamp Carrier Feed Lever Roller Stud Washer                                                      |
| 253673  | 16420 | Work Clamp Carrier Side Throw Lever (lower section) with 201097C and 201530E                          |
| *256186 | ----- | Work Clamp Carrier Side Throw Lever (upper section)                                                   |
| 256187  | 16420 | Work Clamp Carrier Side Throw Lever (upper section) 256186 with 201374E, 256188, 351866 and two 1176D |
| *256188 | ----- | Work Clamp Carrier Side Throw Lever Extension                                                         |
| 1176D   | 16420 | Work Clamp Carrier Side Throw Lever Extension Screw                                                   |
| 250599  | 16420 | Work Clamp Carrier Side Throw Lever Hinge Stud                                                        |
| 250600  | 16420 | Work Clamp Carrier Side Throw Lever Hinge Stud Collar with two 448AL                                  |
| 448AL   | 16420 | Work Clamp Carrier Side Throw Lever Hinge Stud Collar Set Screw                                       |
| 435AL   | 16420 | Work Clamp Carrier Side Throw Lever Hinge Stud Set Screw                                              |
| 250250  | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin with 201940 and 350072E                                  |
| 201940  | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin Roller                                                   |
| 350072E | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin Roller Cap Screw                                         |
| 201430C | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin Screw Stud                                               |
| 250251  | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin Spring                                                   |
| 191C    | 16420 | Work Clamp Carrier Side Throw Lever Lock Pin Spring Screw (2)                                         |
| 351865  | 16420 | Work Clamp Carrier Side Throw Lever Roller                                                            |
| 351866  | 16420 | Work Clamp Carrier Side Throw Lever Roller 351865 with 256090 and 201144E                             |

## PARTS FOR MACHINE No. 99w122

| No.     | Plate | Name                                                                   |
|---------|-------|------------------------------------------------------------------------|
| 201144E | 16420 | Work Clamp Carrier Side Throw Lever Roller Cap Screw                   |
| 256090  | 16420 | Work Clamp Carrier Side Throw Lever Roller Stud                        |
| 201374E | 16420 | Work Clamp Carrier Side Throw Lever Roller Stud Cap Screw              |
| 232321  | 16420 | Work Clamp Carrier Side Throw Lever Slide Block                        |
| 254177  | 16427 | Work Clamp Carrier Side Throw Lever Slide Block Guide                  |
| 231C    | 16427 | Work Clamp Carrier Side Throw Lever Slide Block Guide Screw (3)        |
| 201097C | 16420 | Work Clamp Carrier Side Throw Lever Slide Block Screw Stud             |
| 201530E | 16420 | Work Clamp Carrier Side Throw Lever Slide Block Screw Stud Nut         |
| 256023  | 16428 | Work Clamp Carrier Slide (left) with 200119D                           |
| 256024  | 16428 | Work Clamp Carrier Slide (right) with 200119D                          |
| 255509  | 16428 | Work Clamp Carrier Slide Gib (left, back)                              |
| 253683  | 16428 | Work Clamp Carrier Slide Gib (left, front)                             |
| 255511  | 16428 | Work Clamp Carrier Slide Gib (right, back)                             |
| 255512  | 16428 | Work Clamp Carrier Slide Gib (right, front)                            |
| 50168E  | 16428 | Work Clamp Carrier Slide Gib Screw                                     |
| 256025  | 16428 | " " " " Stay Plate                                                     |
| 256026  | 16428 | " " " " Lock Washer                                                    |
| 350369E | 16428 | Work Clamp Carrier Slide Stay Plate Lock Washer Screw                  |
| 250597  | 16428 | Work Clamp Carrier Slide Stay Plate Position Pin (2)                   |
| 231C    | 16428 | Work Clamp Carrier Slide Stay Plate Screw (5)                          |
| 256607  | 17414 | Work Clamp Check (left) with 350487E                                   |
| 256608  | 17415 | " " " (right) with 350487E                                             |
| 256605  | 17414 | " " " Extension (left)                                                 |
| 256606  | 17415 | " " " (right)                                                          |
| 350487E | 17414 | " " " Hinge Screw                                                      |
| 253724  | 17414 | " " " Spring                                                           |
| 662D    | 17414 | " " " Screw                                                            |
| 252194  | 16407 | " " Closing Lever                                                      |
| 250266  | 17415 | " " " (hand) with 209F                                                 |
| 2269    | 17415 | Work Clamp Closing Lever (hand) Position Pin                           |
| 209F    | 17415 | Work Clamp Closing Lever (hand) Set Screw                              |
| 252196  | 16407 | Work Clamp Closing Lever Adjusting Arm with 201531H, 201948 and 228026 |
| 1178D   | 16407 | Work Clamp Closing Lever Adjusting Arm Screw                           |

## PARTS FOR MACHINE No. 99w122

| No.     | Plate | Name                                                                 |
|---------|-------|----------------------------------------------------------------------|
| 14017   | 16407 | Work Clamp Closing Lever Adjusting Arm Screw Washer                  |
| 255021  | 16405 | Work Clamp Closing Lever Cam Groove Protector                        |
| 210750  | 16405 | Work Clamp Closing Lever Cam Groove Protector Position Pin           |
| 172D    | 16405 | Work Clamp Closing Lever Cam Groove Protector Screw                  |
| 255153  | 16405 | Work Clamp Closing Lever Disengaging Block                           |
| 183C    | 16405 | Work Clamp Closing Lever Disengaging Block Screw                     |
| 250406  | 16405 | Work Clamp Closing Lever Disengaging Block Shim (.005 in. thick)     |
| 250407  | 16405 | Work Clamp Closing Lever Disengaging Block Shim (.010 in. thick)     |
| 256197  | 16407 | Work Clamp Closing Lever Engaging Stud                               |
| 255141  | 16409 | " " " " Latch                                                        |
| 255161  | 16409 | Work Clamp Closing Lever Engaging Stud Latch Spring                  |
| 1241E   | 16409 | Work Clamp Closing Lever Engaging Stud Latch Spring Screw Eye        |
| 256199  | 16348 | Work Clamp Closing Lever Engaging Stud Lock Plate                    |
| 200076D | 16348 | Work Clamp Closing Lever Engaging Stud Lock Plate Screw              |
| 7071    | 16348 | Work Clamp Closing Lever Engaging Stud Lock Plate Screw Washer       |
| 256198  | 16407 | Work Clamp Closing Lever Engaging Stud Sleeve                        |
| 232105  | 16407 | Work Clamp Closing Lever Engaging Stud Sleeve Pin                    |
| 255143  | 16407 | Work Clamp Closing Lever Engaging Stud Spring                        |
| 255144  | 16405 | Work Clamp Closing Lever Engaging Stud Wear Plate                    |
| 210750  | 16405 | Work Clamp Closing Lever Engaging Stud Wear Plate Position Pin       |
| 183C    | 16405 | Work Clamp Closing Lever Engaging Stud Wear Plate Screw              |
| 256209  | 16407 | Work Clamp Closing Lever Engaging Stud 256197 with 232105 and 256198 |
| 350407C | 16407 | Work Clamp Closing Lever Hinge Screw                                 |
| 201723C | 16407 | " " " " " Nut                                                        |
| 201947  | 16407 | " " " " Roller                                                       |
| 201948  | 16407 | " " " " 201947 with 350156E                                          |
| 350156E | 16407 | Work Clamp Closing Lever Roller Screw Stud                           |
| 201531H | 16407 | Work Clamp Closing Lever Roller Screw Stud Nut                       |
| 228026  | 16407 | Work Clamp Closing Lever Roller Screw Stud Washer                    |
| 991C    | 16408 | Work Clamp Closing Lever Stop Screw                                  |
| 250268  | 17414 | " " Connection Lever (left) with 209F                                |

| No.     | Plate | Name                                                                                 |
|---------|-------|--------------------------------------------------------------------------------------|
| 250529  | 17415 | Work Clamp Connection Lever (right) with 209F                                        |
| 2269    | 17414 | Work Clamp Connection Lever Position Pin                                             |
| 209F    | 17414 | Work Clamp Connection Lever Set Screw                                                |
| 250270  | 17411 | " " Opening Bell Crank with 1819                                                     |
| 659D    | 17411 | " " " " " Hinge Screw                                                                |
| 1819    | 17411 | " " " " " Roller and Stud                                                            |
| 232200  | 17411 | Work Clamp Opening Bell Crank Spring                                                 |
| 1241E   | 17411 | " " " " " " Screw Eye                                                                |
| 253680  | 16405 | Work Clamp Opening Cam with 462AL                                                    |
| 12509   | 16405 | " " " " " Position Pin                                                               |
| 462AL   | 16405 | " " " " " Set Screw                                                                  |
| 250551  | 17414 | " " " " " Lever with 1253C                                                           |
| 251519  | 17414 | " " " " " Latch                                                                      |
| 253679  | 17411 | " " " " " Releasing Bracket with 200E, 1547J and 350218C                             |
| 200E    | 17411 | Work Clamp Opening Lever Latch Releasing Bracket Set Screw                           |
| 350218C | 17411 | Work Clamp Opening Lever Latch Releasing Screw                                       |
| 1547J   | 17411 | Work Clamp Opening Lever Latch Releasing Screw Check Nut                             |
| 10249   | 17414 | Work Clamp Opening Lever Latch Spring                                                |
| 217E    | 17414 | " " " " " " Screw                                                                    |
| 7071    | 17414 | Work Clamp Opening Lever Latch Spring Screw Washer                                   |
| 194C    | 17414 | Work Clamp Opening Lever Latch Stop Screw                                            |
| 2269    | 17414 | Work Clamp Opening Lever Position Pin                                                |
| 1253C   | 17414 | " " " " " Set Screw                                                                  |
| 255077  | 17411 | " " " " " Rod                                                                        |
| 255079  | 17411 | Work Clamp Opening Rod complete, Nos. 203C, 1662C, 250287, 253679, 255077 and 255078 |
| 255078  | 17411 | Work Clamp Opening Rod Connection                                                    |
| 807D    | 17411 | " " " " " " Hinge Screw                                                              |
| 250274  | 17411 | Work Clamp Opening Rod Guide with 808D                                               |
| 808D    | 17411 | " " " " " " Pinch Screw                                                              |
| 1662C   | 17411 | " " " " " " Nut                                                                      |
| 250275  | 17415 | " " " " " Stop (adjustable)                                                          |
| 207F    | 17415 | " " " " " Screw                                                                      |
| 256030  | 16427 | " " " " " Spreader (front)                                                           |
| 256031  | 16427 | " " " " " Adjusting Block (left)                                                     |
| 256032  | 16427 | Work Clamp Spreader (front) Adjusting Block (right)                                  |
| 256033  | 16427 | Work Clamp Spreader (front) Adjusting Block Lever (left)                             |
| 256034  | 16427 | Work Clamp Spreader (front) Adjusting Block Lever (right)                            |

| No.     | Plate | Name                                                              |
|---------|-------|-------------------------------------------------------------------|
| 201463D | 16427 | Work Clamp Spreader (front) Adjusting Block Lever Hinge Screw (2) |
| 203E    | 16427 | Work Clamp Spreader (front) Adjusting Block Screw (2)             |
| 7071    | 16427 | Work Clamp Spreader (front) Adjusting Block Screw Washer (2)      |
| 251202  | 16427 | Work Clamp Spreader (front) Adjusting Block Spring                |
| 256035  | 16427 | Work Clamp Spreader (front) Connection                            |
| 99C     | 16427 | " " " " " " Hinge Screw (2)                                       |
| 256036  | 16427 | Work Clamp Spreader (front) Lever                                 |
| 940F    | 16427 | " " " " " " Hinge Screw                                           |
| 256037  | 16427 | Work Clamp Spreader (front) Strap                                 |
| 190D    | 16427 | " " " " " " Screw (2)                                             |
| 250276  | 16427 | Work Clamp Spreader (left)                                        |
| 350140D | 16427 | " " " " " " Screw                                                 |
| 256027  | 16427 | " " " " " (right)                                                 |
| 201463D | 16427 | " " " " " " Screw                                                 |
| 991E    | 17414 | " " " " " Adjusting Screw                                         |
| 252102  | 17414 | " " " " " " Bracket                                               |
| 207F    | 17414 | " " " " " " " Screw                                               |
| 1550J   | 17414 | Work Clamp Spreader Adjusting Screw Nut                           |
| 256028  | 16427 | " " " " " " Base Plate                                            |
| 256731  | 16427 | " " " " " " Retaining Block (2)                                   |
| 201026C | 16427 | Work Clamp Spreader Base Plate Retaining Block Screw (4)          |
| 50058D  | 16427 | Work Clamp Spreader Base Plate Screw (2)                          |
| 253505  | 16427 | Work Clamp Spreader Connection                                    |
| 253506  | 16427 | " " " " " " Bracket with 201981                                   |
| 1981    | 16427 | Work Clamp Spreader Connection Bracket Roller                     |
| 201981  | 16427 | Work Clamp Spreader Connection Bracket Roller 1981 with 253524    |
| 253524  | 16427 | Work Clamp Spreader Connection Bracket Roller Stud                |
| 208AL   | 16427 | Work Clamp Spreader Connection Bracket Screw (2)                  |
| 201453C | 16427 | Work Clamp Spreader Connection Hinge Screw                        |
| 250281  | 16427 | Work Clamp Spreader Connection Link (left)                        |
| 253507  | 16427 | Work Clamp Spreader Connection Link (right)                       |
| 201452E | 16427 | Work Clamp Spreader Connection Link Hinge Screw (2)               |
| 256038  | 16427 | Work Clamp Spreader Operating Fork Lever                          |
| 212D    | 16427 | Work Clamp Spreader Operating Fork Lever Cap Screw                |

| No.     | Plate | Name                                                                                  |
|---------|-------|---------------------------------------------------------------------------------------|
| 350138E | 16427 | Work Clamp Spreader Operating Fork<br>Lever Hinge Screw                               |
| 255081  | 16427 | Work Clamp Spreader Operating Fork<br>Lever Stop Plate                                |
| 203E    | 16427 | Work Clamp Spreader Operating Fork<br>Lever Stop Plate Screw                          |
| 7071    | 16427 | Work Clamp Spreader Operating Fork<br>Lever Stop Plate Screw Washer                   |
| 250285  | 16407 | Work Clamp Spreader Operating Pawl                                                    |
| 252512  | 16407 | " " " " " Ad-<br>justing Block                                                        |
| 176D    | 16407 | Work Clamp Spreader Operating Pawl Ad-<br>justing Block Screw                         |
| 7071    | 16407 | Work Clamp Spreader Operating Pawl Ad-<br>justing Block Screw Washer                  |
| 132E    | 16407 | Work Clamp Spreader Operating Pawl Ad-<br>justing Screw                               |
| 201669E | 16407 | Work Clamp Spreader Operating Pawl Ad-<br>justing Screw Nut                           |
| 741C    | 16407 | Work Clamp Spreader Operating Pawl<br>Hinge Screw                                     |
| 250286  | 16407 | Work Clamp Spreader Operating Pawl<br>Spring                                          |
| 201314C | 16407 | Work Clamp Spreader Operating Pawl<br>Stop Screw                                      |
| 252513  | 16407 | Work Clamp Spreader Operating Pawl<br>complete, Nos. 176D, 7071, 250285 and<br>252512 |
| 250287  | 17411 | Work Clamp Spreader Releaser                                                          |
| 203C    | 17411 | " " " " Screw                                                                         |
| 201314C | 16427 | " " " " Screw Stud (2)                                                                |
| 255003  | 17414 | " " Spring                                                                            |
| 255016  | 17414 | " " " " Wear Plate                                                                    |
| 792D    | 17414 | " " " " " Screw                                                                       |
| 255164  | 17414 | " " " " Position Gauge (left)                                                         |
| 255165  | 17415 | " " " " (right)                                                                       |
| 1423F   | 17414 | " " " " Screw                                                                         |
| 228026  | 17414 | " " " " Washer                                                                        |

## MACHINE No. 99w123

Automatic Eyelet End Buttonhole Machine, For  $\frac{5}{8}$  or  $\frac{3}{4}$  in.  
High Grade Taper Bar Buttonholes in Overalls, Pant Flies,  
Pocket Flaps, Work Clothes, etc. Short Travel Machine (sewing  
capacity 1 in.) Lays Reinforcing Cord under the Stitches on the  
Purl Side of the Buttonhole. Cuts the Hole AFTER Stitching.

Same as Machine No. 99w122 with the following  
exceptions

| No.    | Plate | Name                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 253697 | 17418 | Buttonhole Cutting Block (steel), $\frac{5}{8}$ in. (taper bar)                                                                                                                                                                                                                                                                                                                      |
| 253516 | 17418 | Buttonhole Cutting Knife (.100 x .157 eye)                                                                                                                                                                                                                                                                                                                                           |
| 256501 | 16366 | Feed Wheel with three 232382                                                                                                                                                                                                                                                                                                                                                         |
| 253731 | 17421 | Pattern Wheel, for $\frac{5}{8}$ in. Taper Bar (medium eye) Buttonhole, bar adjustable from $\frac{1}{8}$ to $\frac{3}{8}$ in., with 256205 and two 205D                                                                                                                                                                                                                             |
| 253692 | 17421 | Pattern Wheel Ring 250617 with 252663, 253690, two each 211E and 250444                                                                                                                                                                                                                                                                                                              |
| 253690 | 17421 | Pattern Wheel Ring Adjusting Segment (curved rise)                                                                                                                                                                                                                                                                                                                                   |
| 253732 | 17421 | Pattern Wheel, for $\frac{5}{8}$ in. Taper Bar (medium eye) Buttonhole, bar adjustable from $\frac{1}{8}$ to $\frac{3}{8}$ in., complete, Nos. 253692, 253731, two each 203E, 250372 and three 391D                                                                                                                                                                                  |
| 256627 | 17419 | Work Clamp Base (left) 256086 with 194C, 217E, 662D, 792D, 991E, 1423F, 1443F, 1550J, 7071, 10249, 13218, 200051E, 200097C, 201237E, 201537H, 250241, 250418, 250419, 251518, 251519, 2522202, 253717, 253724, 253773, 253782, 255003, 255016, 255057, 255162, 255164, 256214, 256605, 256624, 350080D, 350136E, two each 207F, 401H, 201129D, 228026, 253780 350123E and seven 934H |

| No.    | Plate | Name                                                                                                                                                                                                                                                                                                                                             |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 256628 | 17420 | Work Clamp Base (right) 256087 with<br>662D,792D,991E,1423F,1443F,1550J,<br>13218,200051E,201237E,201537H,<br>228026,232270 to 232272,250242,<br>250275,252202,253718,253724,253777,<br>253783,255003,255016,255058,255163,<br>255165,256214,256606,256625,350136E,<br>two each 401H,200186B,201129D,253780<br>350123E, four 207F and seven 934H |
| 253776 | 17419 | Work Clamp Base Clamping Plate (left)                                                                                                                                                                                                                                                                                                            |
| 253777 | 17420 | " " " " (right)                                                                                                                                                                                                                                                                                                                                  |
| 256624 | 17419 | " " Check (left) with 350487E                                                                                                                                                                                                                                                                                                                    |
| 256625 | 17420 | " " " (right) with 350487E                                                                                                                                                                                                                                                                                                                       |

## ACCESSORIES

## FOR MACHINE No. 99w122

| No.     | Plate | Name                                                                        |
|---------|-------|-----------------------------------------------------------------------------|
| 254002  | 17409 | Buttonhole Cutting Block (steel), 7/8<br>in. Taper Bar                      |
| 254003  | 17409 | Buttonhole Cutting Knife (.100 x .180<br>eye)                               |
| 250012  | 16388 | Stitch Regulating Gear, 28 teeth                                            |
| 142 x 5 | ----- | Needles, six, size 19                                                       |
| 256019  | 16385 | Wrench, for 201726 and 201727                                               |
| 232486  | 16382 | Threader Wire (large)                                                       |
| 255554  | 16382 | " " (small)                                                                 |
| 250004  | 16382 | Bed Cushion (leather) (back)                                                |
| 250006  | 16382 | " " " (front)                                                               |
| 250007  | 16382 | " " (fibre) (inside)                                                        |
| 250008  | 16382 | " " " (outside)                                                             |
| 158E    | 16382 | " " Screw                                                                   |
| 250018  | 16382 | " Support (left) with 250004, 250006,<br>250008, two 250007 and six 158E    |
| 250019  | 16382 | Bed Support (right) with 250004, 250006,<br>250008, two 250007 and six 158E |
| 250288  | 16385 | Drip Pan                                                                    |
| 250408  | 16382 | Machine Rest (high) with 232982 and<br>two wood screws 1 in., No. 12        |
| 232982  | 16382 | Machine Rest Cushion (leather)                                              |
| 120346  | 16382 | Oiler (copper plated) with 120347                                           |
| 120347  | 16382 | " Spout, 8-1/2 in. long                                                     |
| 11831   | 16385 | Screw Driver, 5 in. blade (machine,<br>large)                               |
| 255547  | 16385 | Screw Driver, 8 in. blade                                                   |
| *250521 | ----- | " " Blade                                                                   |
| *225485 | ----- | " " Handle                                                                  |
| 250522  | 16385 | Screw Driver complete, (for needle set<br>screw), Nos. 225483 and 250521    |
| 255515  | 16382 | Tweezers                                                                    |
| 250543  | 16385 | Stitch Regulating Gear Holder                                               |
| 23535   | 16385 | Wrench, for 1697 and 1698                                                   |
| 232900  | 16385 | " " 201362 and 201668                                                       |
| 232935  | 16385 | " " 201670 (r)                                                              |
| 255539  | 16382 | " " 1550 and 350136                                                         |
| 250289  | 16382 | " " 201424 and 350111                                                       |
| 255533  | 16382 | " " 201442 and 201445                                                       |
| 255540  | 16385 | " " 1528, 201524 and 201643                                                 |
| 255541  | 16385 | " " 201628 and 201660                                                       |
|         |       | Wood Screws, 1-1/4 in., No. 12 (4)                                          |

## THREAD UNWINDER

## FOR THREE SPOOLS

| No.     | Plate | Name                                                                                                                                                                                                                                                         |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 259370  | 16385 | Spool Pin                                                                                                                                                                                                                                                    |
| 225375  | 16385 | " " (wood)                                                                                                                                                                                                                                                   |
| 259378  | 16385 | " " Arm with 217E and 259379                                                                                                                                                                                                                                 |
| 232896  | 16385 | " " Bracket with two 448AL                                                                                                                                                                                                                                   |
| 448AL   | 16385 | " " " Set Screw                                                                                                                                                                                                                                              |
| 448AL   | 16385 | " " " Set Screw                                                                                                                                                                                                                                              |
| 259371  | 16385 | " " Cap (Bakelite)                                                                                                                                                                                                                                           |
| 1010F   | 16385 | " " Hinge Screw                                                                                                                                                                                                                                              |
| 259379  | 16385 | " " Retaining Spring                                                                                                                                                                                                                                         |
| 217E    | 16385 | " " " Screw                                                                                                                                                                                                                                                  |
| 259372  | 16385 | " " Washer                                                                                                                                                                                                                                                   |
| 259373  | 16385 | Spool Pin complete, Nos. 1010F and 259370 to 259372                                                                                                                                                                                                          |
| 259374  | 16385 | Spool Rest (for one spool) (flat) with 2010180                                                                                                                                                                                                               |
| 259375  | 16385 | Spool Rest (for two spools) (flat) with 2010180                                                                                                                                                                                                              |
| 150203  | 16385 | Spool Rest Cushion (felt)                                                                                                                                                                                                                                    |
| 250453  | 16385 | " " Rod (lower)                                                                                                                                                                                                                                              |
| 225388  | 16385 | " " " (upper)                                                                                                                                                                                                                                                |
| 250454  | 16385 | " " " Coupling with two 456C                                                                                                                                                                                                                                 |
| 456C    | 16385 | " " " Set Screw                                                                                                                                                                                                                                              |
| 200383C | 16385 | " " " Set Screw                                                                                                                                                                                                                                              |
| 2010180 | 16385 | " " " Set Screw                                                                                                                                                                                                                                              |
| 259658  | 16385 | " " Stand with 200383C                                                                                                                                                                                                                                       |
| 225390  | 16385 | Thread Cone Holder                                                                                                                                                                                                                                           |
| 250472  | 16385 | " " Cap Holder                                                                                                                                                                                                                                               |
| 225391  | 16385 | " " Guide                                                                                                                                                                                                                                                    |
| 201696H | 16385 | " " Lock Nut                                                                                                                                                                                                                                                 |
| 225326  | 16385 | " " Position Cup                                                                                                                                                                                                                                             |
| 350192J | 16385 | " " Screw Stud                                                                                                                                                                                                                                               |
| 225393  | 16385 | " " " Washer                                                                                                                                                                                                                                                 |
| 200164B | 16385 | " " Stud Set Screw                                                                                                                                                                                                                                           |
| 225376  | 16385 | Thread Unwinder (for three spools) complete, Nos. 200164B, 201696H, 225326, 225388, 225393, 250453, 250454, 250472, 259374, 259375, 259658, 350192J, three each 150203, 225375, 225390, 225391, 232896, 259375, 259378 and three wood screws 7/8 in., No. 12 |

## DRIVING EQUIPMENT

|        |       |                                                          |
|--------|-------|----------------------------------------------------------|
| 228628 | 16388 | Belt, size 5/16 in. diam., length 83 in., with two 25029 |
| 228629 | 16391 | Belt, size 3/8 in. diam., length 57 in., with 25030      |
| 228630 | 16395 | Belt, size 3/8 in. diam., length 120 in., with two 25030 |

| No.     | Plate | Plate                                                                                           |
|---------|-------|-------------------------------------------------------------------------------------------------|
| 228631  | 16388 | Belt, size 3/8 in. diam., length 133 in., with two 25030                                        |
| 228608  | 16389 | Belt Guard, for Bridgeport Old Style Power Table (trough), with two wood screws 3/4 in., No. 10 |
| 228610  | 16390 | Belt Guard, for E'port Old Style Power Table (trough), with two wood screws 3/4 in., No. 10     |
| 25029   | 16388 | Belt Hook                                                                                       |
| 25030   | 16388 | " "                                                                                             |
| 228565  | 16387 | " Shifter                                                                                       |
| 228566  | 16387 | " " Lever with 200526C                                                                          |
| 228567  | 16387 | " " " Hinge Stud                                                                                |
| 200335C | 16387 | " " " " Set Screw                                                                               |
| 228632  | 16387 | " " Locking Spring                                                                              |
| 200526C | 16387 | " " Set Screw                                                                                   |
| 228618  | 16386 | Buttonhole Cutter Driving Pulley, 4-5/8 in. diam., with 200342C and 200347C                     |
| 228619  | 16386 | Buttonhole Cutter Driving Pulley Driving Pinion 16 teeth, with 454C                             |
| 2117E   | 16386 | Buttonhole Cutter Driving Pulley Driving Pinion Pin                                             |
| 454C    | 16386 | Buttonhole Cutter Driving Pulley Driving Pinion Set Screw                                       |
| 200342C | 16386 | Buttonhole Cutter Driving Pulley Position Screw                                                 |
| 200347C | 16386 | Buttonhole Cutter Driving Pulley Set Screw                                                      |
| 228579  | 16386 | Buttonhole Cutter Driving Pulley Shaft                                                          |
| 228580  | 16386 | " " " " "                                                                                       |
| 224392  | 16386 | Bushing with 224392                                                                             |
| 350028C | 16386 | Buttonhole Cutter Driving Pulley Shaft Bushing Oil Packing (wick)                               |
| 228620  | 16386 | Buttonhole Cutter Driving Pulley Shaft Bushing Set Screw                                        |
| 2117E   | 16386 | Buttonhole Cutter Driving Pulley Shaft Gear 48 teeth, with 448AL                                |
| 448AL   | 16386 | Buttonhole Cutter Driving Pulley Shaft Gear Pin                                                 |
| 228593  | 16387 | Counter Shaft (hollow) with 200370C and 228595                                                  |
| 210833  | 16387 | Counter Shaft Collar with two 200383C                                                           |
| 200383C | 16387 | " " " Set Screw                                                                                 |
| 228590  | 16387 | " " Driving Pulley (loose), 5 in. diameter                                                      |
| 228591  | 16387 | Counter Shaft Driving Pulley (tight), 5 in. diam., with 200352C and 200363C                     |
| 200352C | 16387 | Counter Shaft Driving Pulley Position Screw                                                     |
| 200363C | 16387 | Counter Shaft Driving Pulley Set Screw                                                          |
| 228601  | 16387 | " " Hanger with 200335C and 202244                                                              |
| 228588  | 16387 | Counter Shaft Hanger Belt Guard (double)                                                        |

## ACCESSORIES

| No.     | Plate | Name                                   |
|---------|-------|----------------------------------------|
| 200002E | 16387 | Counter Shaft Hanger Belt Guard Screw  |
| 202244  | 16387 | " " " Oil Packing (wick)               |
| 51080R  | 16387 | " " " Screw                            |
| 51046R  | 16387 | " " " " Washer                         |
| 41125R  | 16387 | " " " " Oil Cup                        |
| 228602  | 16387 | " " " " Packing Wick                   |
| 228594  | 16387 | " " " " " Wire                         |
| 228595  | 16387 | with 228594                            |
| 200370C | 16387 | Counter Shaft Oil Stop Screw           |
| 228592  | 16387 | " " Pulley, 5-7/8 in. diam.,           |
|         |       | with 200352C and 200363C               |
| 200352C | 16387 | Counter Shaft Pulley Position Screw    |
| 200363C | 16387 | " " " Set Screw                        |
| 228596  | 16387 | Counter Shaft Hanger complete, for Old |
|         |       | Style Power Table and Singer Universal |
|         |       | Power Table, Nos. 51080R, 200002E,     |
|         |       | 210833, 228565 to 228567, 228588,      |
|         |       | 228590 to 228595, 228601, 228602,      |
|         |       | 228632, two 51046R and three 41125R    |
| 228573  | 16386 | Driving Attachment Belt Guard with     |
|         |       | 228607                                 |
| 228607  | 16386 | Driving Attachment Belt Guard Drain    |
|         |       | Valve                                  |
| 50075J  | 16386 | Driving Attachment Belt Guard Thumb    |
|         |       | Screw                                  |
| 228574  | 16386 | Driving Attachment Bracket with 11119, |
|         |       | 228575 and four 350028C                |
| 228575  | 16386 | Driving Attachment Bracket Oil Cup     |
| 15783   | 16386 | " " " " Tube                           |
| 11119   | 16386 | " " " " " "                            |
|         |       | 15783 with 52045                       |
| 52045   | 16386 | Driving Attachment Bracket Oil Tube    |
|         |       | Packing (cotton)                       |
| 51046R  | 16386 | Driving Attachment Bracket Screw       |
| 41125R  | 16386 | " " " " " Washer                       |
| 228624  | 16386 | " Pulley, 6 in. diam., with 200374C    |
|         |       | and 200396C                            |
| 200396C | 16386 | Driving Pulley Position Screw          |
| 200374C | 16386 | " " " Set Screw                        |
| 228625  | 16386 | " " " Shaft                            |
| 228571  | 16386 | " " " Bushing with 202260              |
| 202260  | 16386 | " " " " Oil Packing                    |
|         |       | (wick)                                 |
| 350028C | 16386 | Driving Pulley Shaft Bushing Set Screw |
| 228626  | 16386 | " " " " Collar with two                |
|         |       | 200378C                                |
| 200378C | 16386 | Driving Pulley Shaft Collar Set Screw  |
| 228621  | 16386 | Machine Driving Pulley (loose) 3-1/8   |
|         |       | in. diameter                           |
| 228622  | 16386 | Machine Driving Pulley Clutch          |
| 214179  | 16386 | " " " " Roller                         |
| 214181  | 16386 | " " " " " "                            |
|         |       | Spring                                 |
| 214180  | 16386 | Machine Driving Pulley Clutch Roller   |
|         |       | Spring Plunger                         |
| 200050C | 16386 | Machine Driving Pulley Clutch Screw    |

## ACCESSORIES

| No.     | Plate | Name                                      |
|---------|-------|-------------------------------------------|
| 228623  | 16386 | Machine Driving Pulley Collar with two    |
|         |       | 200364C                                   |
| 200364C | 16386 | Machine Driving Pulley Collar Set Screw   |
| 228627  | 16386 | Driving Attachment complete, Nos. 50075J, |
|         |       | 228573, 228574, 228579, 228580, 228618    |
|         |       | to 228626, two each 2117E, 228571,        |
|         |       | three each 41125R, 51046R, 200050C and    |
|         |       | 214179 to 214181                          |
| 228578  | 16386 | Driving Attachment and Idler complete,    |
|         |       | Nos. 228587 and 228627                    |
| 234342  | 16388 | Front Plank Extension (back) with two     |
|         |       | wood screws 1-1/2 in., No. 10 (for        |
|         |       | flat table)                               |
| 234349  | 16395 | Front Plank Extension (back) with four    |
|         |       | wood screws 1-1/2 in., No. 10, for        |
|         |       | Singer Universal Safety Power Table       |
|         |       | (flat)                                    |
| 234350  | 16396 | Front Plank Extension (back) with six     |
|         |       | wood screws 1-1/2 in., No. 10, for        |
|         |       | Singer Universal Safety Table Power       |
|         |       | (trough)                                  |
| 234344  | 16388 | Front Plank Extension (front) with two    |
|         |       | wood screws 2-1/4 in., No. 12 and         |
|         |       | three wood screws 1-3/4 in., No. 12       |
| 228581  | 16386 | Idler Pulley                              |
| 228643  | 16386 | " " " " Belt Guard with 200526C           |
| 200526C | 16386 | " " " " Set Screw                         |
| 228644  | 16386 | " " " " Bracket with 200526C              |
| 200019E | 16386 | " " " " Screw                             |
| 228584  | 16386 | " " " " Shaft with 228586                 |
| 228602  | 16386 | " " " " Oil Cup                           |
| 228585  | 16386 | " " " " Wick                              |
| 228586  | 16386 | " " " " " Wire with                       |
|         |       | 228585                                    |
| 200526C | 16386 | Idler Pulley Shaft Set Screw              |
| 228587  | 16386 | Idler complete, Nos. 228584, 228602,      |
|         |       | 228644, two each 228581, 228643 and       |
|         |       | three 200019E                             |
| 150611  | 16388 | Shaft Pulley (sectional, grooved)         |
|         |       | pressed steel, flat type, rolled edge,    |
|         |       | 8 in. diam., 1-3/16 in. bore, with two    |
|         |       | 731N                                      |
| 731N    | 16388 | Shaft Pulley Clamping Screw               |
| 150027  | 16394 | Starting Device Bracket with two wood     |
|         |       | screws 1-1/4 in., No. 14                  |
| 150028  | 16394 | Starting Device Handle                    |
| 27638   | 16394 | " " " " Spring                            |
| 23250   | 16394 | " " " " Washer                            |
| 126888  | 16394 | " " " " Collar                            |
|         |       | with 217F                                 |
| 217F    | 16394 | Starting Device Handle Spring Collar      |
|         |       | Set Screw                                 |
| 126955  | 16394 | Starting Device Rod                       |
| 126888  | 16394 | " " " " Collar with 217F                  |
| 217F    | 16394 | " " " " Set Screw                         |

| No.    | Plate | Name                                                                                                                                                                                                    |
|--------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 126890 | 16394 | Starting Device complete, Nos. 27638, 126955, 150027, 150028, two 23250 and three 126888                                                                                                                |
| 150183 | 16394 | Table Belt Guide Bracket with 795C                                                                                                                                                                      |
| 50285R | 16394 | " " " " Bolt                                                                                                                                                                                            |
| 126841 | 16394 | " " " " Clamping Plate                                                                                                                                                                                  |
| 126846 | 16394 | Table Belt Guide Bracket Bolt Nut Lock Washer                                                                                                                                                           |
| 12620  | 16394 | Table Belt Guide Bracket Bolt Washer                                                                                                                                                                    |
| 126750 | 16394 | " " " " Pulley with 126752                                                                                                                                                                              |
| 126868 | 16394 | " " " " Shaft                                                                                                                                                                                           |
| 126752 | 16394 | " " " " Bushing                                                                                                                                                                                         |
| 126869 | 16394 | " " " " Collar with 1448AL                                                                                                                                                                              |
| 1448AL | 16394 | Table Belt Guide Pulley Shaft Collar Set Screw                                                                                                                                                          |
| 795C   | 16394 | Table Belt Guide Pulley Shaft Set Screw                                                                                                                                                                 |
| 150184 | 16394 | " " " " Support Bracket with two wood screws 1 in., No. 12, F.H.                                                                                                                                        |
| 126870 | 16394 | Table Belt Guide complete, Nos. 12620, 50285R, 126841, 126846, 126868, 150183, 150184, two each 126750 and 126869                                                                                       |
| 126715 | 16395 | Transmitter Pulley (sectional, grooved) sheet metal, 5-1/4 in. diameter                                                                                                                                 |
| 228599 | 16388 | Driving Equipment complete, for Old Style or Singer Universal Power Table (flat) Nos. 150611, 228578, 228596, 228628, 228631, 234342, 234344 and blue print template                                    |
| 228605 | 16391 | Driving Equipment complete, for Individual Motor Table, Nos. 228627 to 228629                                                                                                                           |
| 228609 | 16389 | Driving Equipment complete, for Bridgeport Old Style Power Table (trough) or Singer Universal Power Table (trough), Nos. 150611, 228578, 228596, 228608, 228628, 228631, 234344 and blue print template |
| 228611 | 16390 | Driving Equipment complete, for Export Old Style Power Table (trough), Nos. 150611, 228578, 228596, 228610, 228628, 228631, 234344 and blue print template                                              |
| 228612 | 16392 | Driving Equipment complete, for Power Table (flat) with Electric Transmitter Motor, Nos. 228627 to 228629, 234342, 234344 and blue print template                                                       |
| 228613 | 16393 | Driving Equipment complete, for Export Power Table (trough) with Electric Transmitter Motor, Nos. 228610, 228627 to 228629, 234344 and blue print template                                              |

| No.    | Plate | Name                                                                                                                                                              |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 228645 | 16395 | Driving Equipment complete, for Singer Universal Safety Power Table (flat) Nos. 126715, 126870, 126890, 228627, 228628, 228630, 234349 and blue print template    |
| 228646 | 16396 | Driving Equipment complete, for Singer Universal Safety Power Table (trough), Nos. 126715, 126870, 126890, 228627, 228628, 228630, 234350 and blue print template |

## FOR MACHINE No. 99w123

Same as for Machine No. 99w122 with the following exceptions.

|        |       |                                                       |
|--------|-------|-------------------------------------------------------|
| 253697 | 17418 | Buttonhole Cutting Block (steel), 5/8 in. (taper bar) |
| 253516 | 17418 | Buttonhole Cutting Knife (.100 x .157 eye)            |

### BUTTONHOLE CUTTING BLOCKS

## FOR MACHINE No. 99w122

|        |       |                                                       |
|--------|-------|-------------------------------------------------------|
| 254001 | 17409 | Buttonhole Cutting Block (steel), 3/4 in. (taper bar) |
| 254002 | 17409 | Buttonhole Cutting Block (steel), 7/8 in. (taper bar) |

## FOR MACHINE No. 99w123

|        |       |                                                       |
|--------|-------|-------------------------------------------------------|
| 253697 | 17418 | Buttonhole Cutting Block (steel), 5/8 in. (taper bar) |
| 253698 | 17418 | Buttonhole Cutting Block (steel), 3/4 in. (taper bar) |

### BUTTONHOLE CUTTING KNIVES

## FOR MACHINE No. 99w122

|        |       |                                            |
|--------|-------|--------------------------------------------|
| 254003 | 17409 | Buttonhole Cutting Knife (.100 x .180 eye) |
| 254004 | 17409 | Buttonhole Cutting Knife (.126 x .180 eye) |

## FOR MACHINE No. 99w123

| No.    | Plate | Name                                       |
|--------|-------|--------------------------------------------|
| 253516 | 17418 | Buttonhole Cutting Knife (.100 x .157 eye) |
| 253699 | 17418 | Buttonhole Cutting Knife (.126 x .180 eye) |

## PATTERN WHEELS

For making Eyelet End Buttonholes, with Large Eye and  
Taper Bar, without cutting space.

|        |       |                                                                                                                                               |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 254008 | 17417 | Pattern Wheel, 3/4 in., complete, bar adjustable from 1/8 to 3/8 in., Nos. 253444, 254007, 255307, two each 175E, 203E, 250372 and three 391D |
| 254010 | 17417 | Pattern Wheel, 7/8 in., complete, bar adjustable from 1/8 to 1/4 in., Nos. 253444, 254009, 255307, two each 175E, 203E, 250372 and three 391D |

For making Eyelet End Buttonholes, with Large Eye and  
Taper Bar, with .025 in. cutting space.

|        |       |                                                                                                                                        |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 254024 | 17416 | Pattern Wheel, 3/4 in., complete, bar adjustable from 1/8 to 3/8 in., Nos. 254023, 255307, two each 203E, 250372 and three 391D        |
| 254026 | 17416 | Pattern Wheel, 7/8 in., complete, bar adjustable from 1/8 to 1/4 in., Nos. 254025, 255307, two each 203E, 250372 and three 391D        |
| 254007 | 17417 | Pattern Wheel, for 3/4 in., Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 3/8 in., for 254008                           |
| 254009 | 17417 | Pattern Wheel, for 7/8 in., Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 1/4 in., for 254010                           |
| 254023 | 17416 | Pattern Wheel, for 3/4 in., Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 3/8 in., with 256205 and two 205D, for 254024 |
| 254025 | 17416 | Pattern Wheel, for 7/8 in., Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 1/4 in., with 256205 and two 205D, for 254026 |
| 253444 | 17417 | Pattern Wheel Cam Block                                                                                                                |
| 175E   | 17417 | " " " " Screw                                                                                                                          |
| 256205 | 17416 | " " " " Position Plate                                                                                                                 |
| 205D   | 17416 | " " " " Screw                                                                                                                          |
| 250372 | 17416 | " " " " Rapid Feed Trip Point                                                                                                          |

| No.    | Plate | Name                                                       |
|--------|-------|------------------------------------------------------------|
| 203E   | 17416 | Pattern Wheel Rapid Feed Trip Point Screw                  |
| 250617 | 17416 | Pattern Wheel Ring (adjustable)                            |
| 255307 | 17416 | " " " 250617 with 252662, 252663, two each 211E and 250444 |
| 252662 | 17416 | Pattern Wheel Ring Adjusting Segment (curved rise)         |
| 252663 | 17416 | Pattern Wheel Ring Adjusting Segment (straight drop)       |
| 211E   | 17416 | Pattern Wheel Ring Adjusting Segment Screw                 |
| 250444 | 17416 | Pattern Wheel Ring Adjusting Segment Screw Washer          |
| 391D   | 17416 | Pattern Wheel Ring Screw                                   |

## FOR MACHINE No. 99w123

For making Eyelet End Buttonholes, with Medium Eye and  
Taper Bar, without cutting space.

|        |       |                                                                                                                                 |
|--------|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 253732 | 17421 | Pattern Wheel, 5/8 in., complete, bar adjustable from 1/8 to 3/8 in., Nos. 253692, 253731, two each 203E, 250372 and three 391D |
|--------|-------|---------------------------------------------------------------------------------------------------------------------------------|

For making Eyelet End Buttonholes, with Large Eye and  
Taper Bar, without cutting space.

|        |       |                                                                                                                                                |
|--------|-------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 253644 | 17422 | Pattern Wheel, 5/8 in., complete, bar adjustable, from 1/8 to 3/8 in., Nos. 253444, 253643, 253692, two each 175E, 203E, 250372 and three 391D |
| 253687 | 17422 | Pattern Wheel, 3/4 in., complete, bar adjustable from 1/8 to 1/4 in., Nos. 253444, 253686, 253692, two each 175E, 203E, 250372 and three 391D  |

For making Eyelet End Buttonholes, with Large Eye and  
Taper Bar, with .025 in. cutting space.

|        |       |                                                                                                                                         |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 253707 | 17423 | Pattern Wheel, 5/8 in., complete, bar adjustable from 1/8 to 3/8 in., Nos. 253692, 253706, two each 203E, 250372 and three 391D         |
| 253709 | 17423 | Pattern Wheel, 3/4 in., complete, bar adjustable from 1/8 to 1/4 in., Nos. 253692, 253708, two each 203E, 250372 and three 391D         |
| 253731 | 17421 | Pattern Wheel, for 5/8 in., Taper Bar (medium eye) Buttonhole, bar adjustable from 1/8 to 3/8 in., with 256205 and two 205D, for 253732 |

## PATTERN WHEELS

| No.    | Plate | Name                                                                                                                                   |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| 253643 | 17422 | Pattern Wheel, for 5/8 in. Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 3/8 in., for 253644                            |
| 253686 | 17422 | Pattern Wheel, for 3/4 in. Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 1/4 in., for 253687                            |
| 253706 | 17423 | Pattern Wheel, for 5/8 in. Taper Bar (large eye) Buttonhole, bar adjustable from 1/8 to 3/8 in., with 256205 and two 205D, for 253707  |
| 253708 | 17423 | Pattern Wheel, for 3/4 in. Taper Bar (large eye) Buttonhole, bar adjustable, from 1/8 to 1/4 in., with 256205 and two 205D, for 253709 |
| 253444 | 17422 | Pattern Wheel Cam Block                                                                                                                |
| 175E   | 17422 | " " " " Screw                                                                                                                          |
| 256205 | 17421 | " " Position Plate                                                                                                                     |
| 205D   | 17421 | " " " " Screw                                                                                                                          |
| 250372 | 17421 | " " Rapid Feed Trip Point                                                                                                              |
| 203E   | 17421 | " " " " " Screw                                                                                                                        |
| 250617 | 17422 | " " Ring (adjustable)                                                                                                                  |
| 253692 | 17422 | " " " 250617 with 252663, 253690, two each 211E and 250444                                                                             |
| 253690 | 17422 | Pattern Wheel Ring Adjusting Segment (curved rise)                                                                                     |
| 252663 | 17422 | Pattern Wheel Ring Adjusting Segment (straight drop)                                                                                   |
| 211E   | 17422 | Pattern Wheel Ring Adjusting Segment Screw                                                                                             |
| 250444 | 17422 | Pattern Wheel Ring Adjusting Segment Screw Washer                                                                                      |
| 391D   | 17421 | Pattern Wheel Ring Screw                                                                                                               |

## SINGER KNIFE TRUEING FIXTURE

|        |       |                                                               |
|--------|-------|---------------------------------------------------------------|
| 232870 | 16401 | Base with 448AL                                               |
| 232871 | 16401 | " 232870 with 59D, 232872 and 232876                          |
| 232872 | 16401 | Knife Clamping Lever                                          |
| 59D    | 16401 | " " " Hinge Screw                                             |
| 232873 | 16401 | Oil Stone                                                     |
| 232874 | 16401 | " " Bracket with three 448AL                                  |
| 232875 | 16401 | " " " 232874 with 232873 and 232877                           |
| 232876 | 16401 | Oil Stone Bracket Shaft                                       |
| 448AL  | 16401 | " " " " Set Screw                                             |
| 448AL  | 16401 | " " Set Screw                                                 |
| 232877 | 16401 | " " " " Friction Gib                                          |
| 232878 | 16401 | Singer Knife Trueing Fixture complete, Nos. 232871 and 232875 |

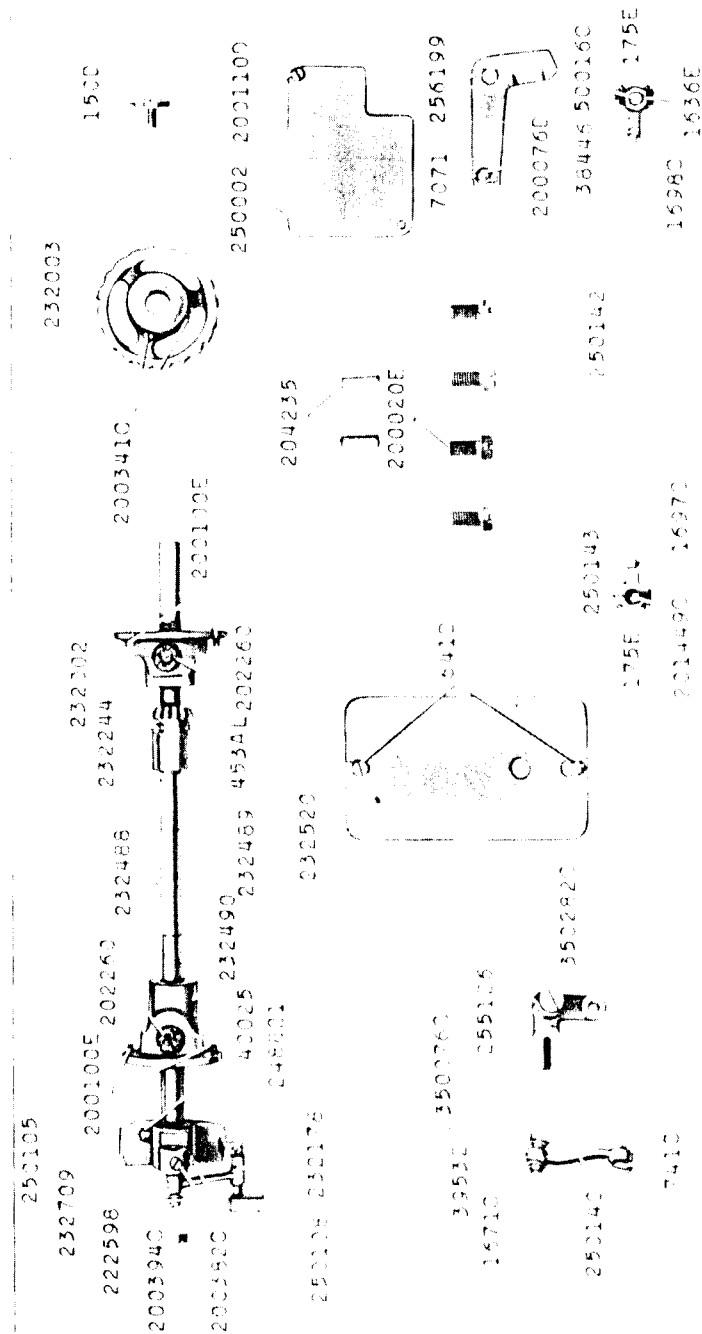
## SHAFT PULLEY

| No.    | Plate | Name                                                                                                                  |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------|
| 27271  | ----- | Shaft Pulley (sectional, grooved), 4 in. diam., 1-3/16 in. bore, with two 597C                                        |
| 232920 | ----- | Shaft Pulley (sectional, grooved), 4-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 27065  | ----- | Shaft Pulley (sectional, grooved), 5 in. diam., 1-3/16 in. bore, with two 597C                                        |
| 232879 | ----- | Shaft Pulley (sectional, grooved), 5-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 27066  | ----- | Shaft Pulley (sectional, grooved), 6 in. diam., 1-3/16 in. bore, with two 597C                                        |
| 232880 | ----- | Shaft Pulley (sectional, grooved), 6-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 27067  | ----- | Shaft Pulley (sectional, grooved), 7 in. diam., 1-3/16 in. bore, with two 597C                                        |
| 232881 | ----- | Shaft Pulley (sectional, grooved), 7-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 150611 | 16388 | Shaft Pulley (sectional, grooved), pressed steel, flat type, rolled edge, 8 in. diam., 1-3/16 in. bore, with two 731N |
| 232882 | ----- | Shaft Pulley (sectional, grooved), 8-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 150614 | 16388 | Shaft Pulley (sectional grooved), pressed steel, flat type, rolled edge, 9 in. diam., 1-3/16 in. bore, with two 731N  |
| 232883 | ----- | Shaft Pulley (sectional, grooved), 9-1/2 in. diam., 1-3/16 in. bore, with two 597C                                    |
| 27070  | ----- | Shaft Pulley (sectional, grooved), 10 in. diam., 1-3/16 in. bore, with two 597C                                       |
| 27072  | ----- | Shaft Pulley (sectional, grooved), 12 in. diam., 1-3/16 in. bore, with two 597C                                       |
| 27074  | ----- | Shaft Pulley (sectional, grooved), 14 in. diam., 1-3/16 in. bore, with two 597C                                       |
| 27075  | ----- | Shaft Pulley (sectional, grooved), 15 in. diam., 1-3/16 in. bore, with two 597C                                       |
| 731N   | 16388 | Shaft Pulley Clamping Screw                                                                                           |
| 597C   | ----- | " " " " "                                                                                                             |

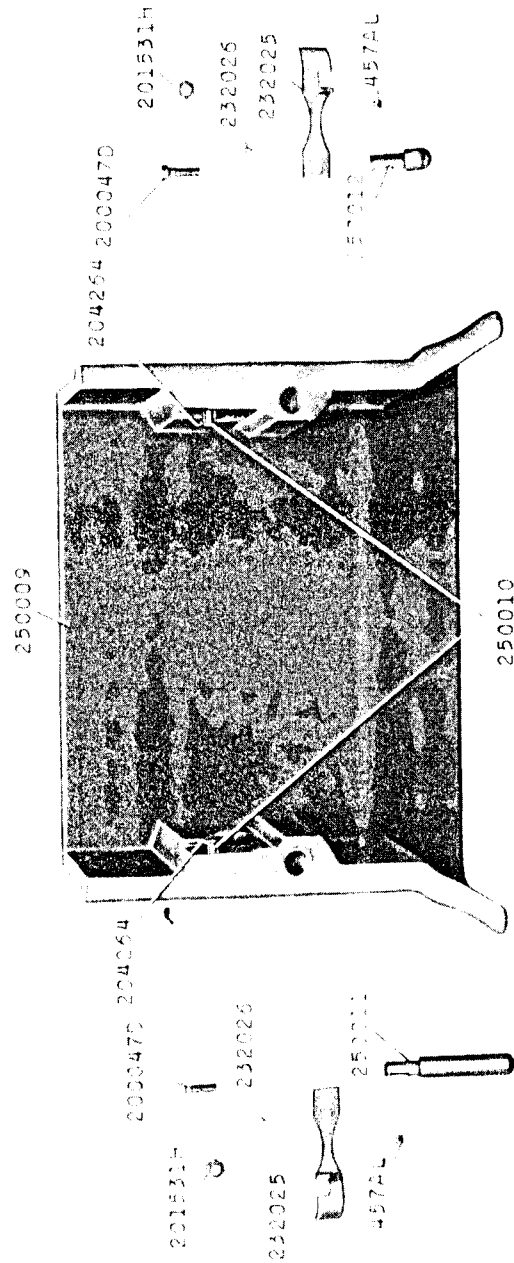
Needles in Containers marked  
"FOR SINGER MACHINES"  
are NOT **SINGER** made needles. 2

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

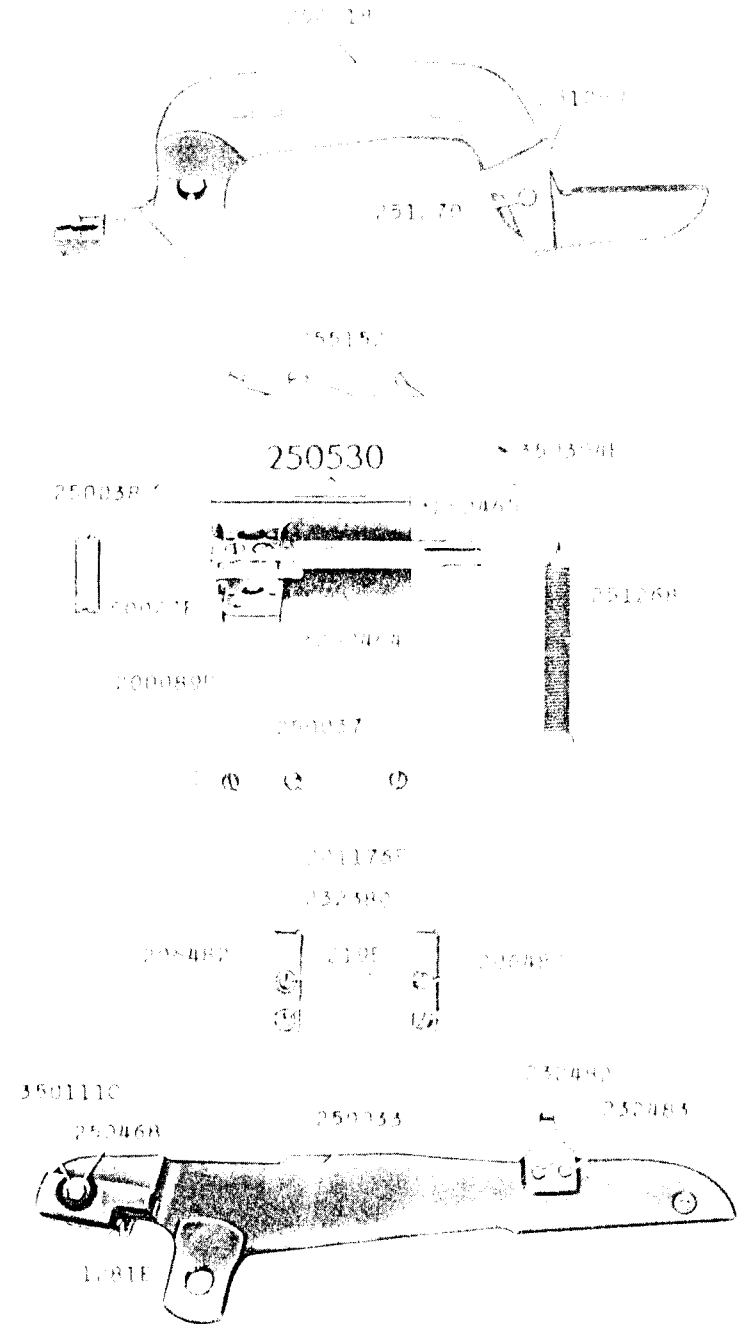
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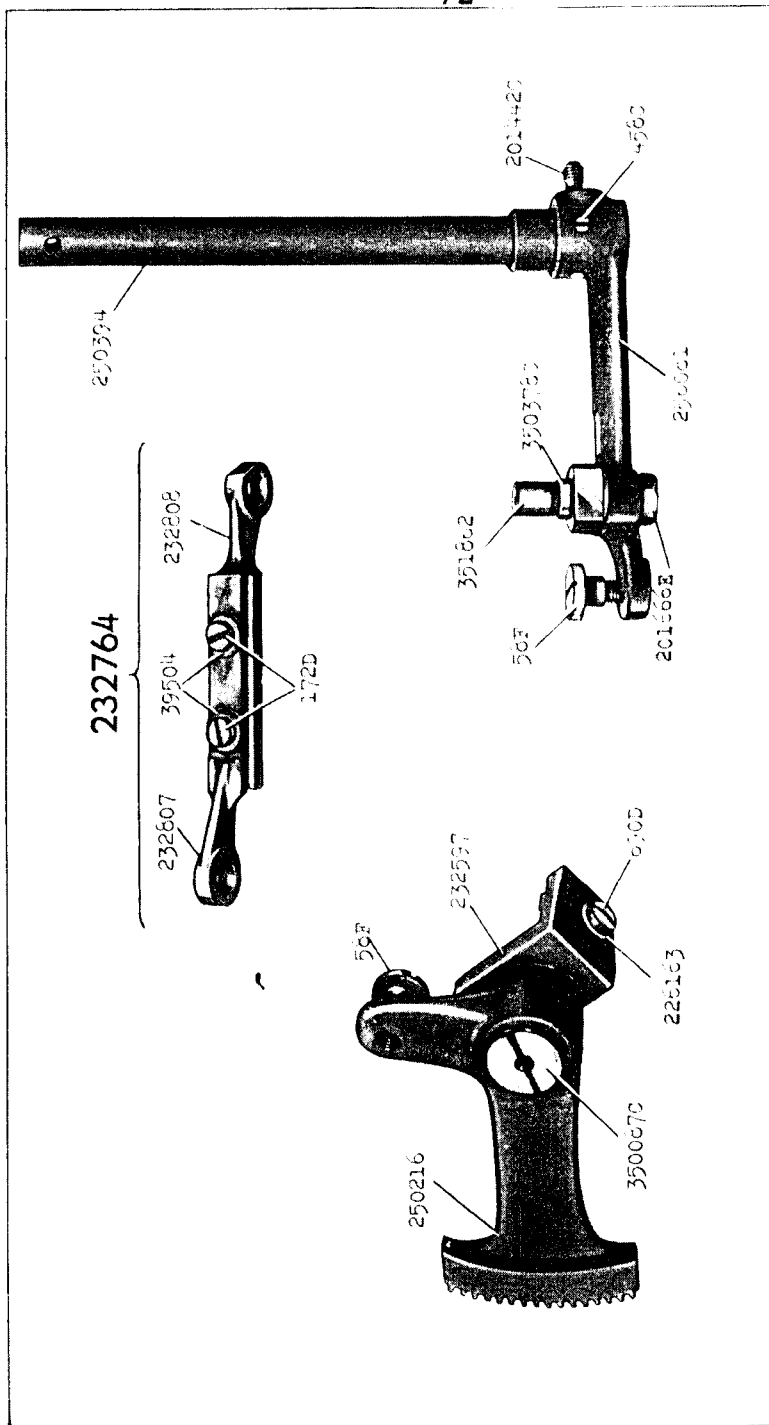
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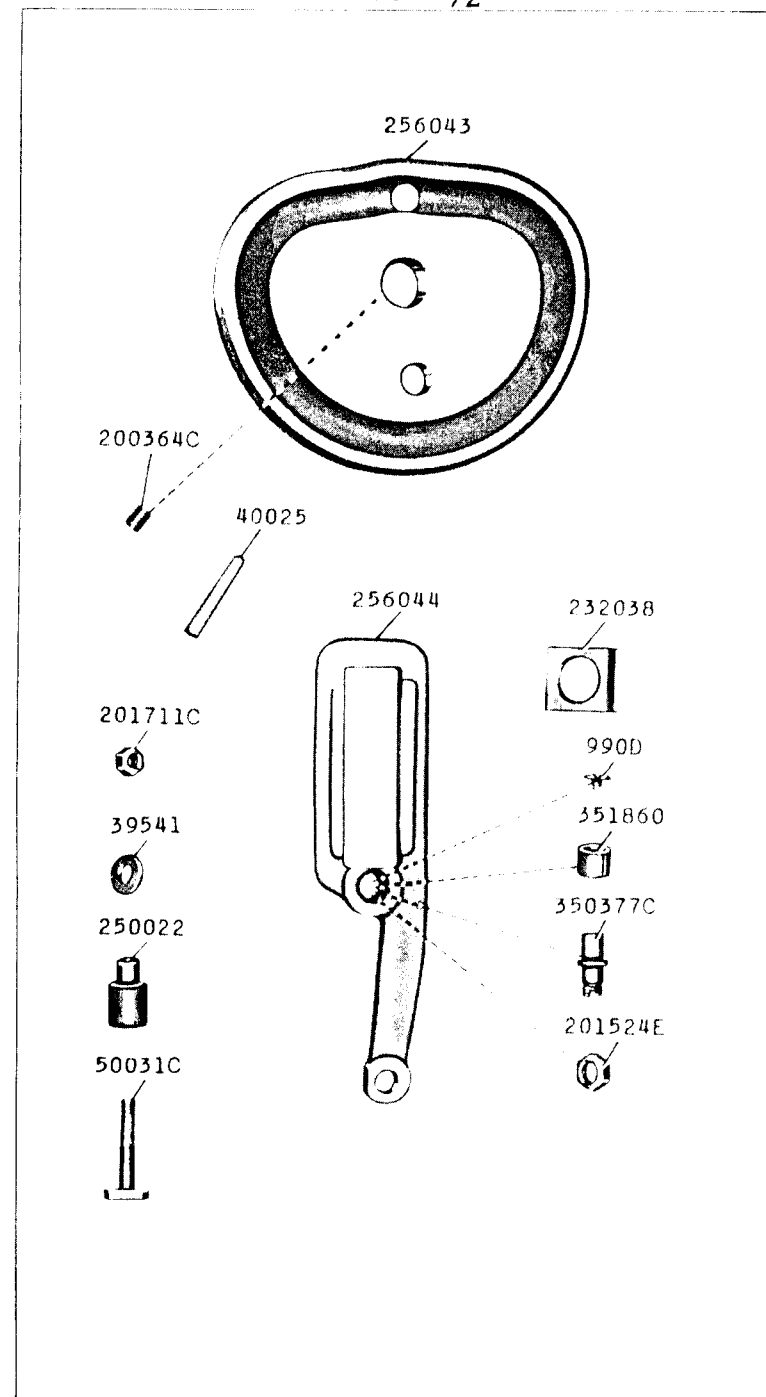
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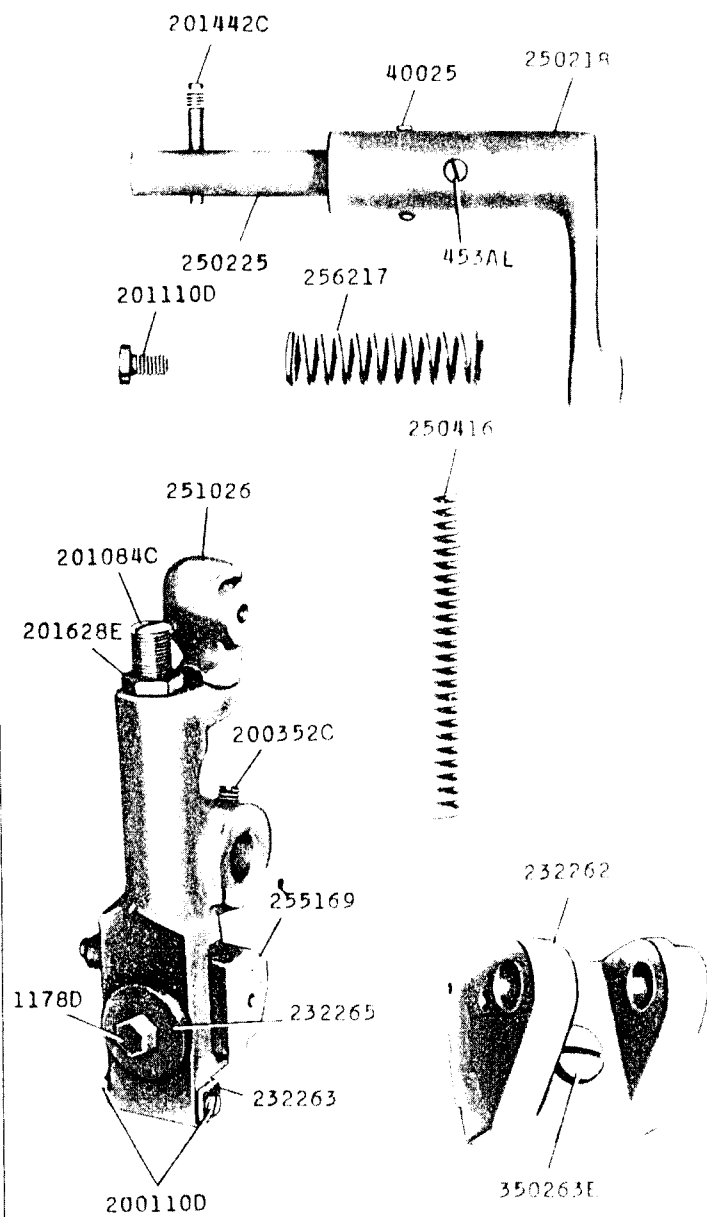
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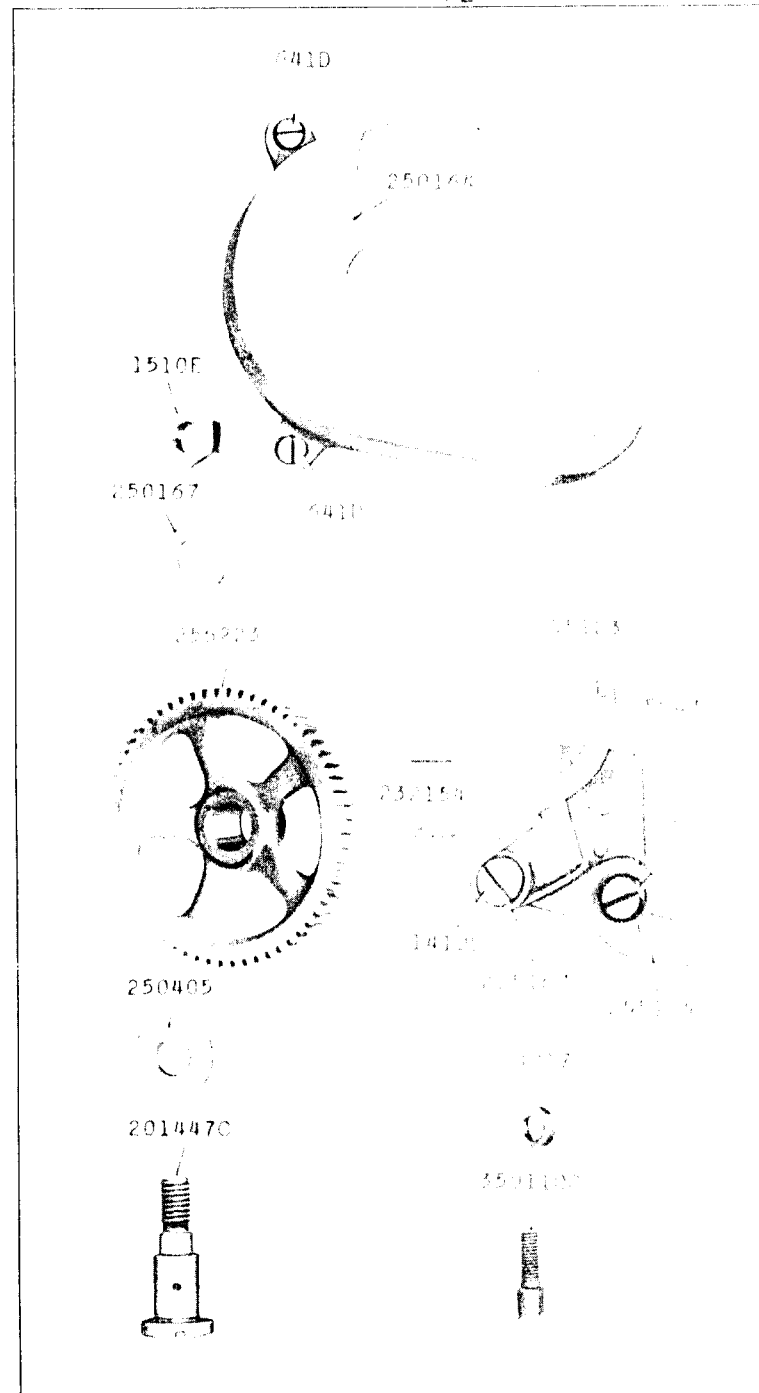
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16363 - 1/2

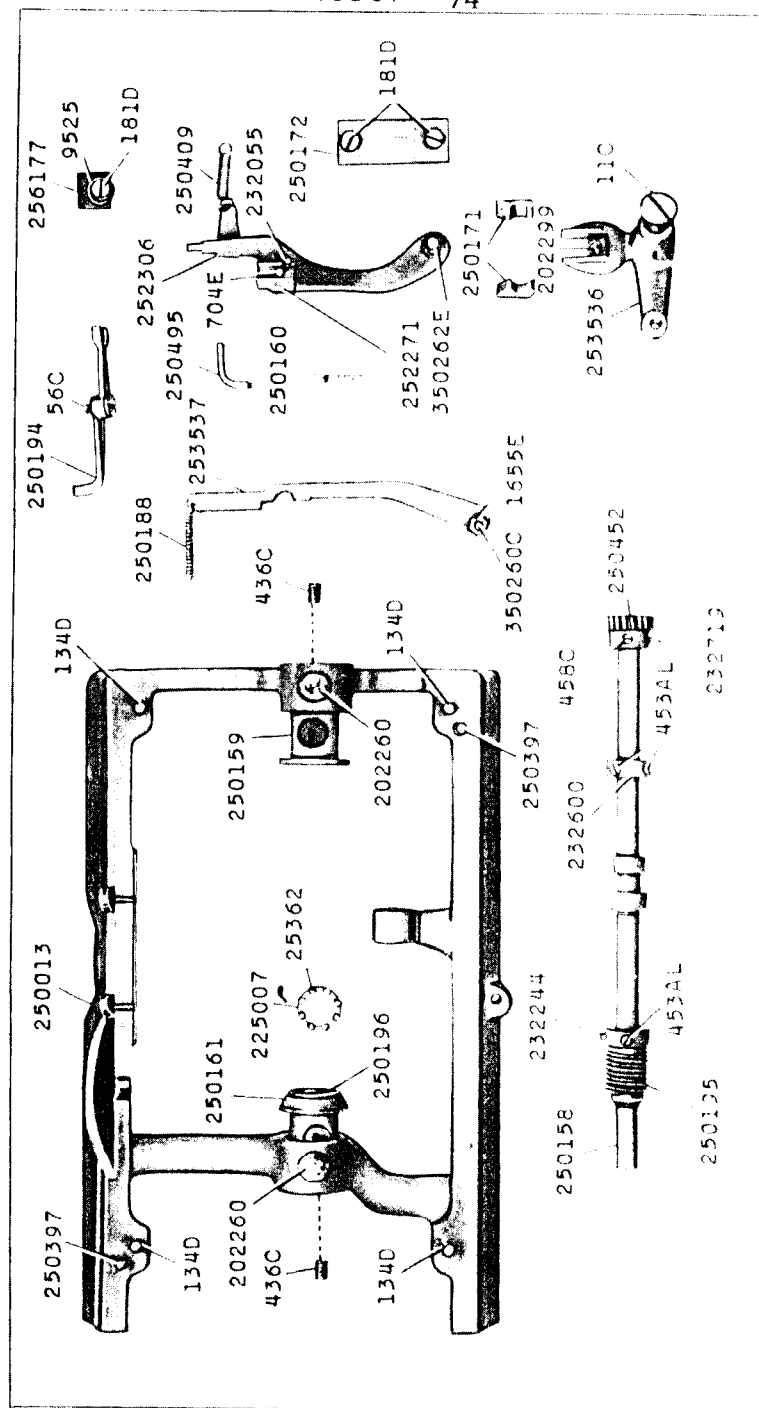


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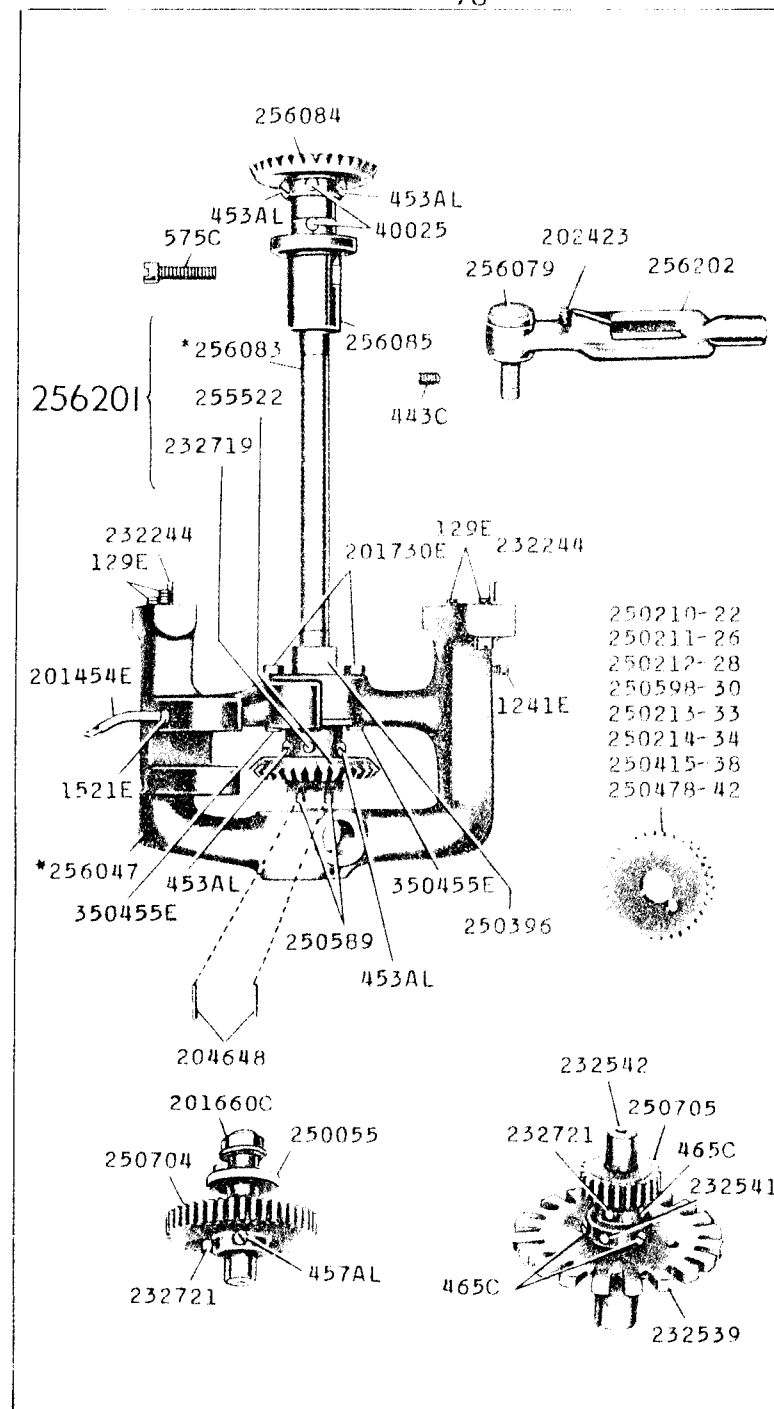




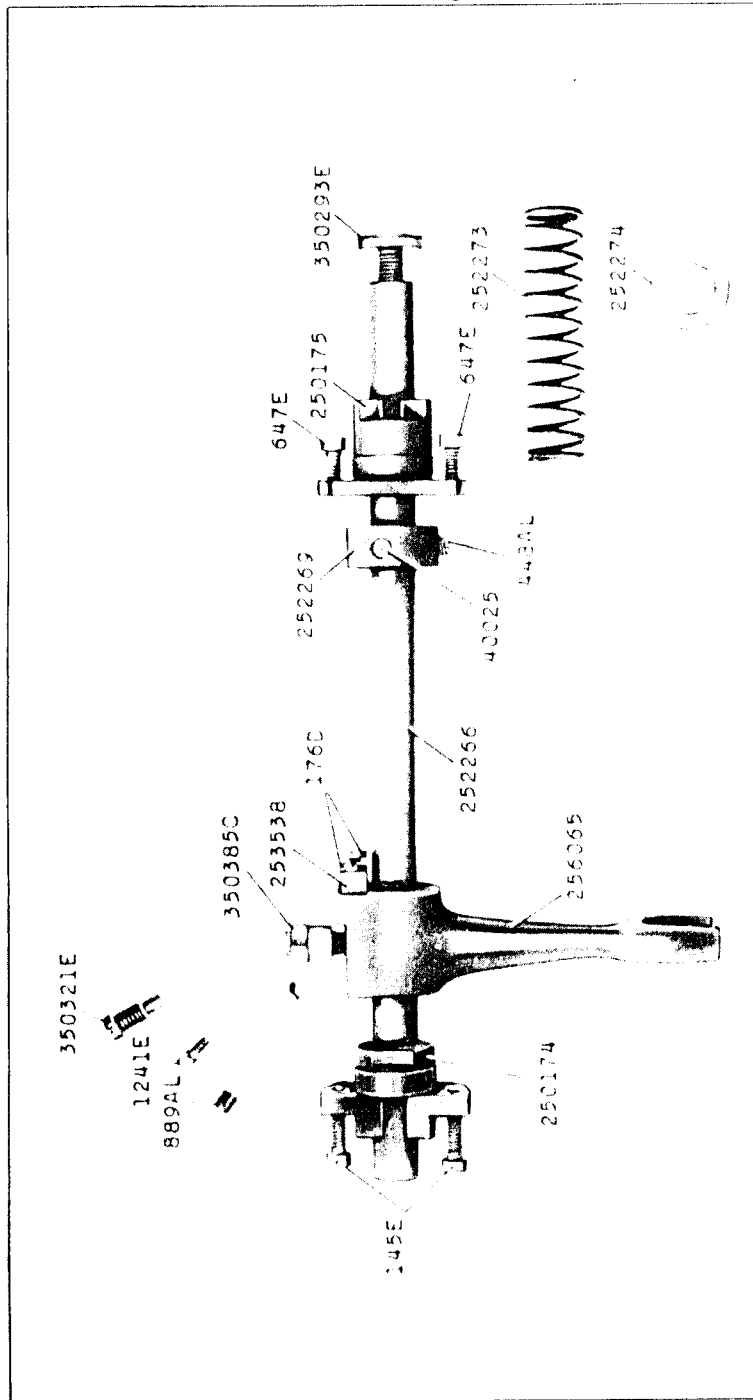
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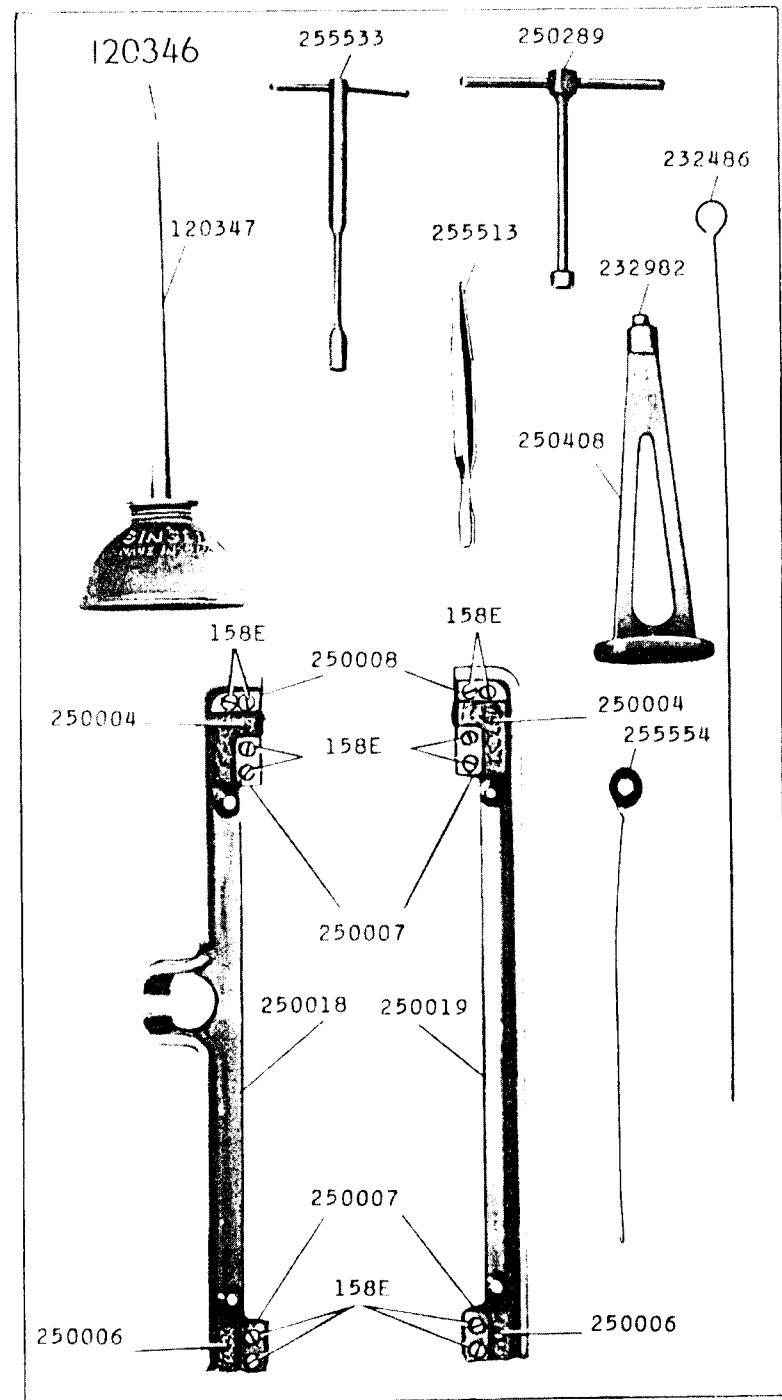
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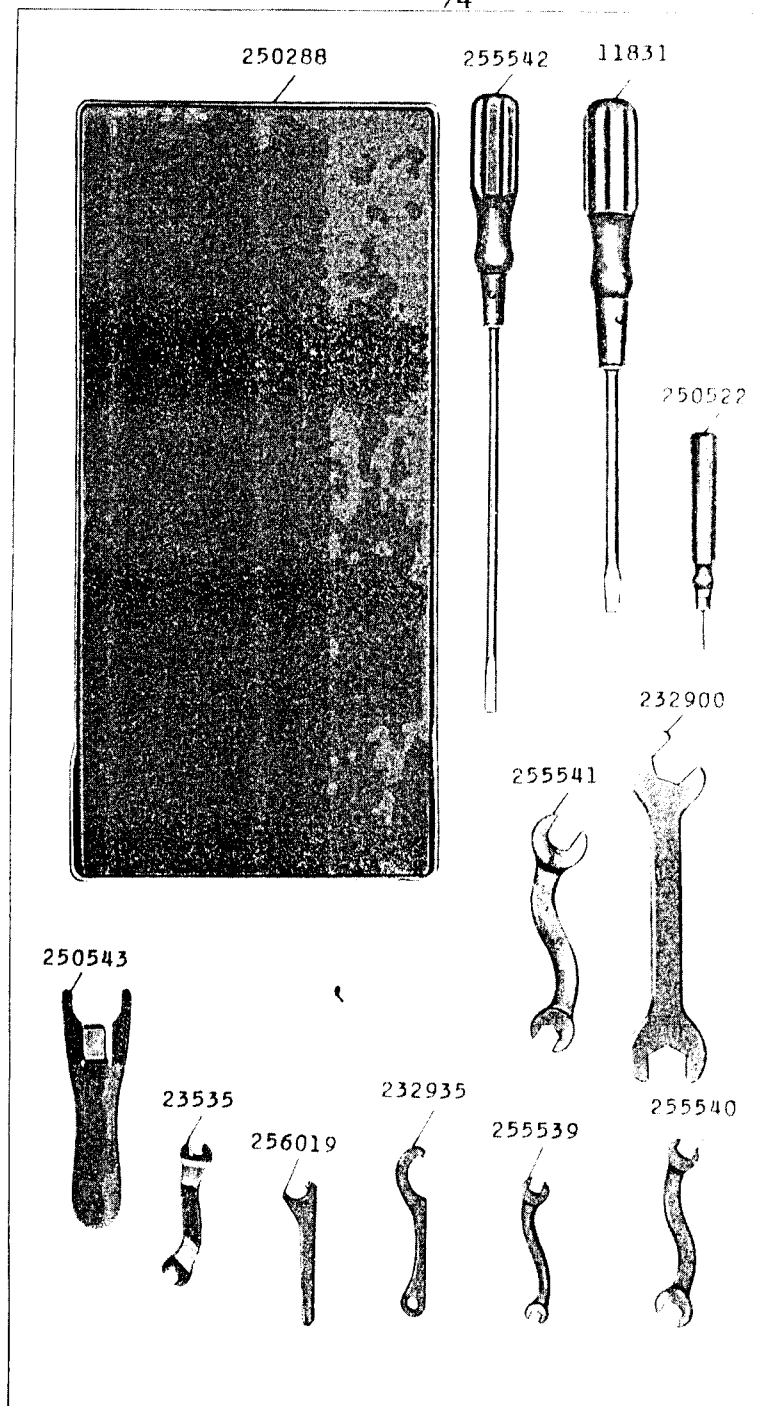
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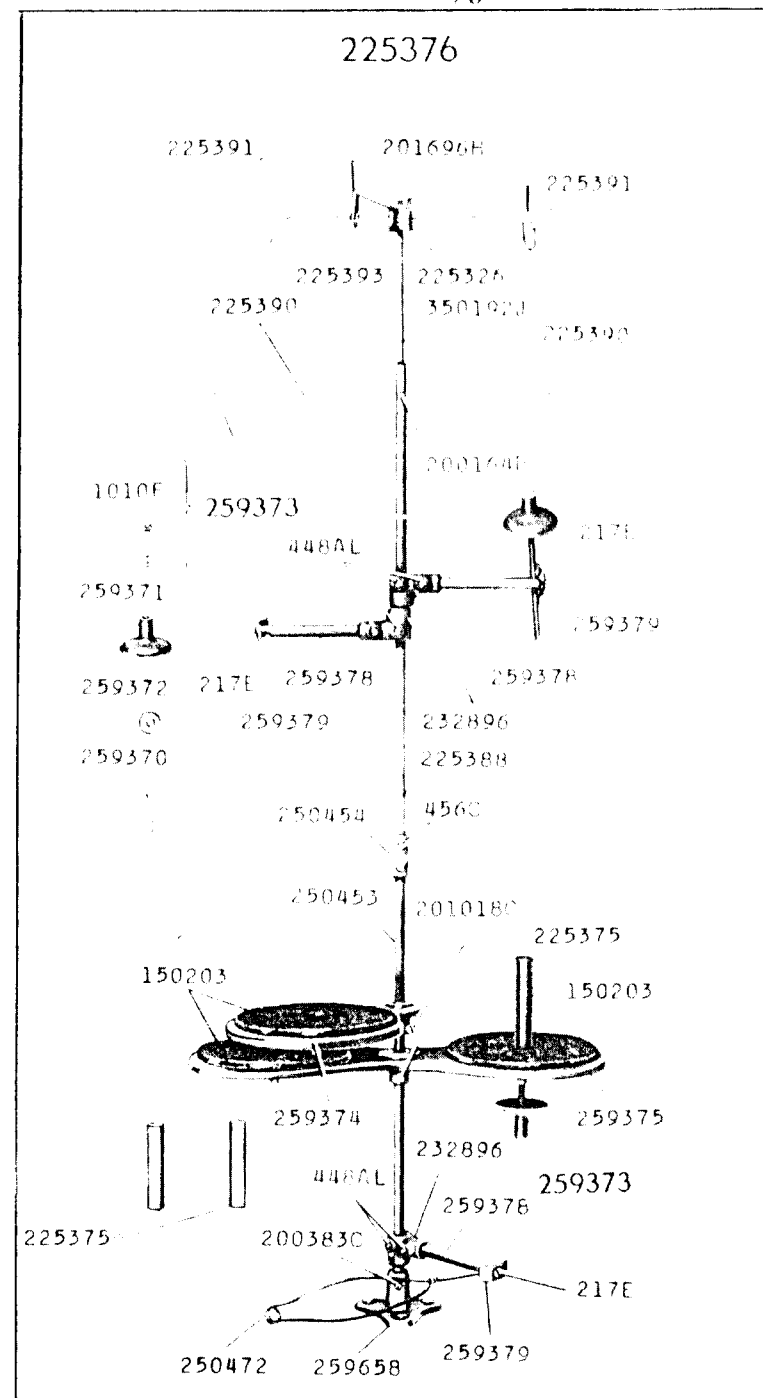
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16383 - 1/4

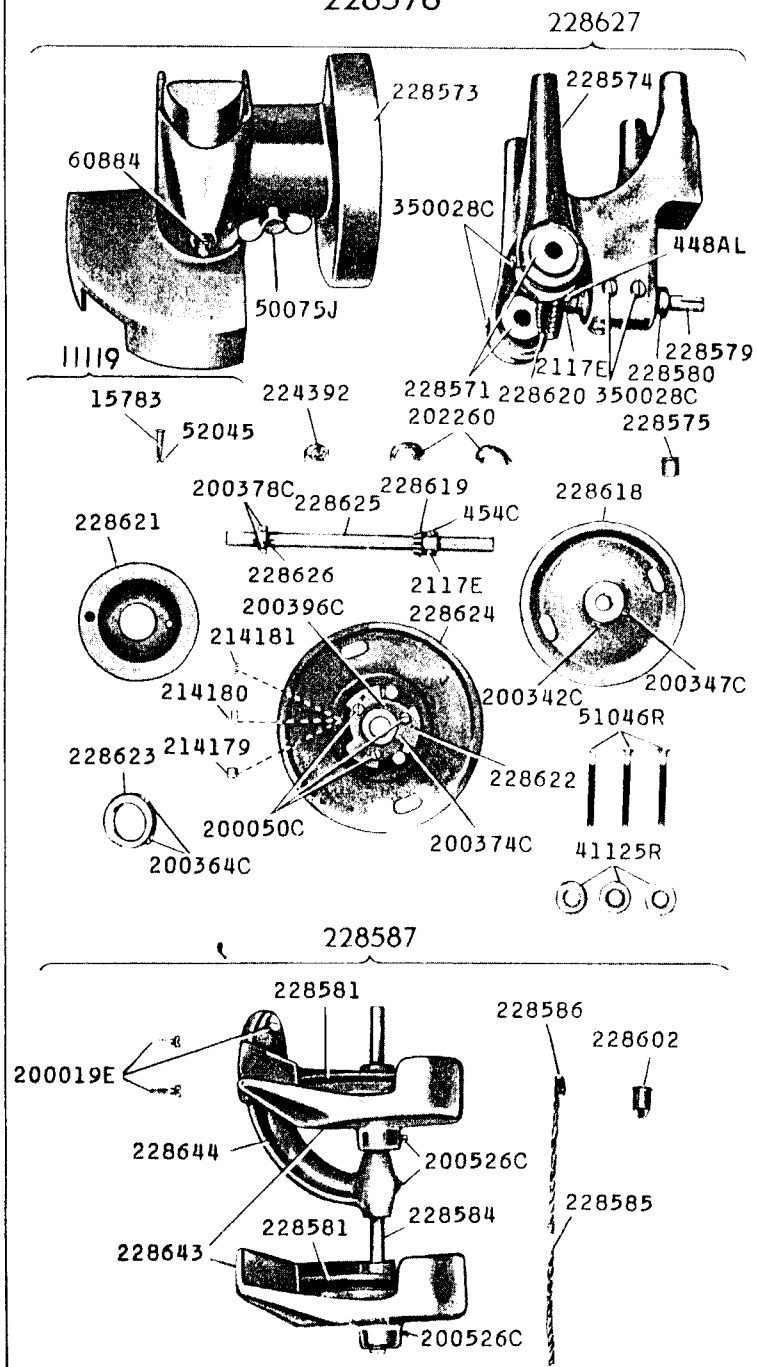


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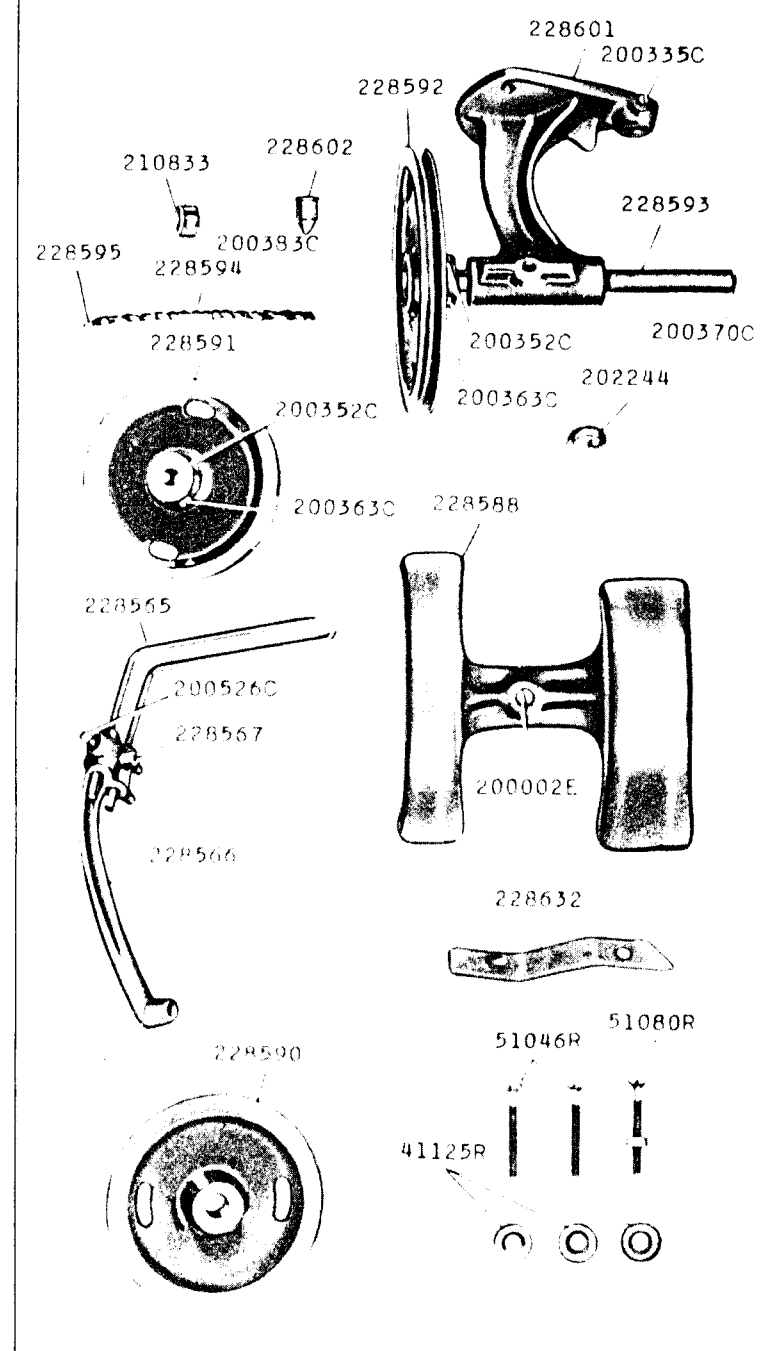
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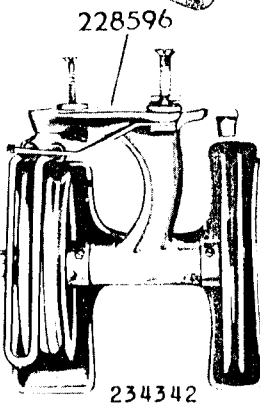
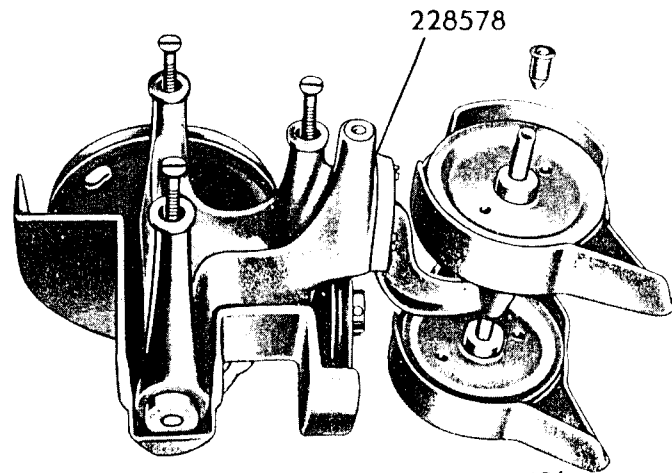
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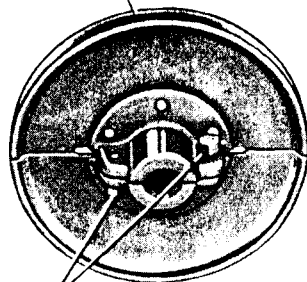


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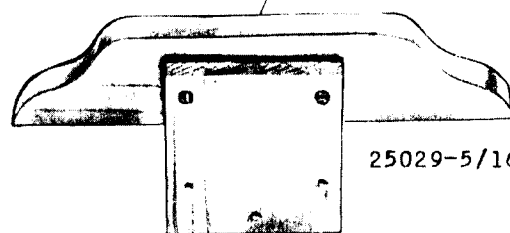
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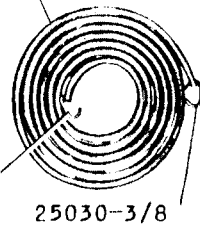
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234344

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228631-3/8 X 133



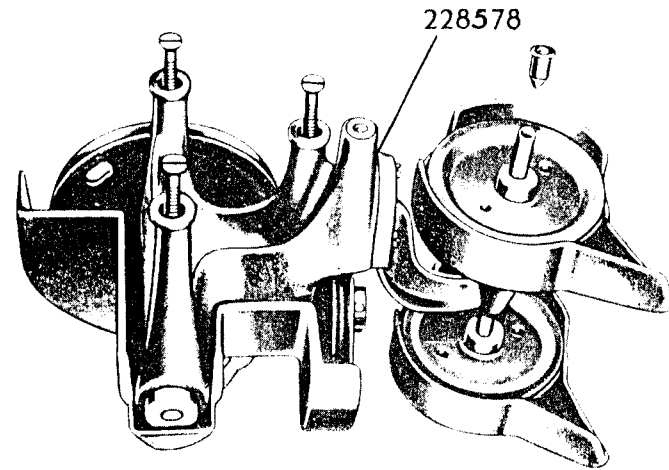
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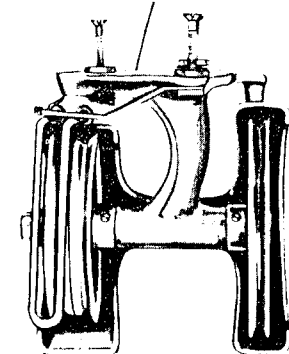
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16389 - 1/6

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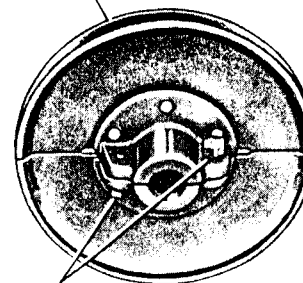


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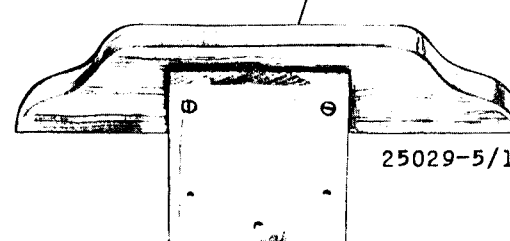
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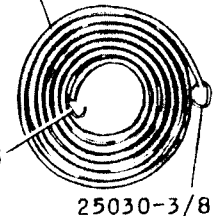
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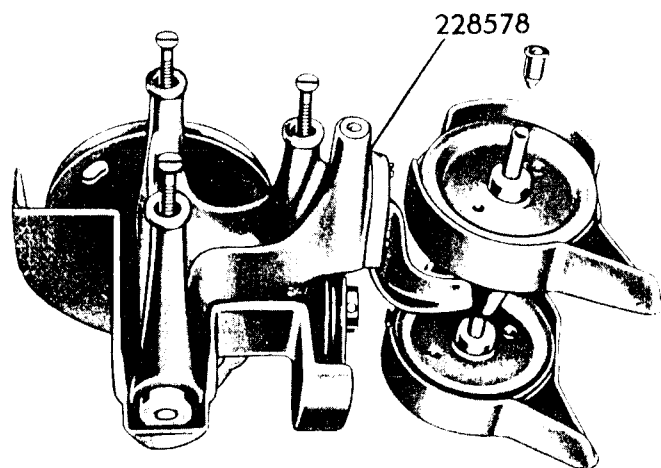
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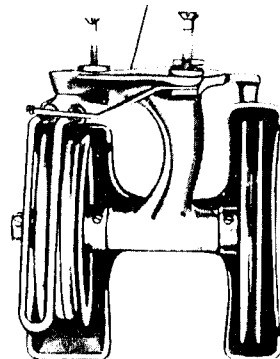
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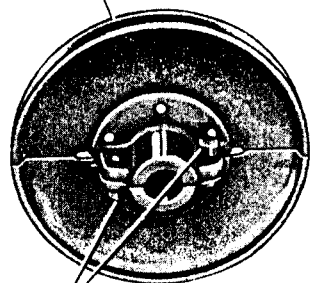
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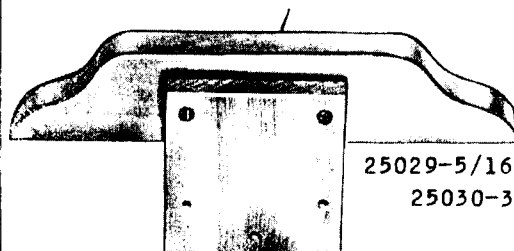


150611-8"  
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731N

234344



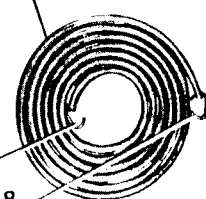
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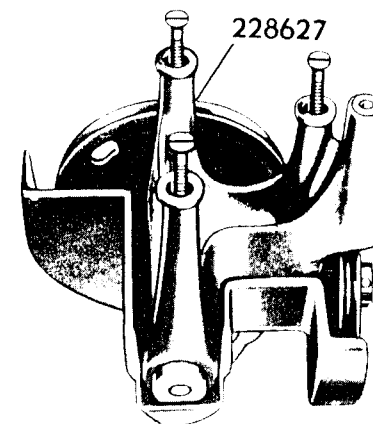


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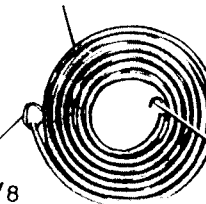


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228605



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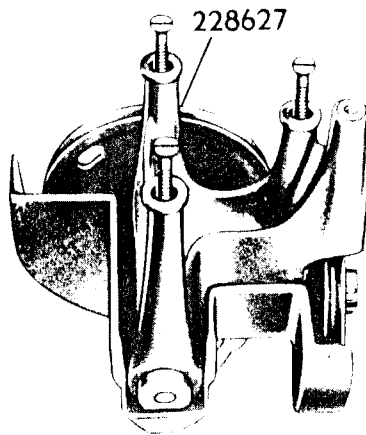


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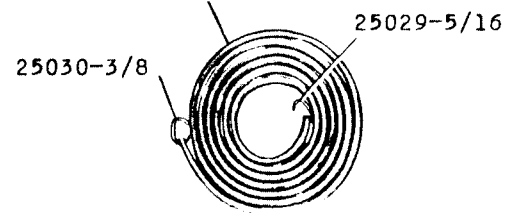
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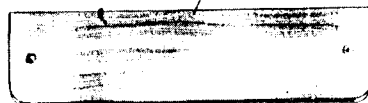
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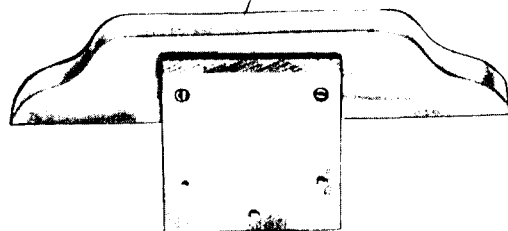
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234342

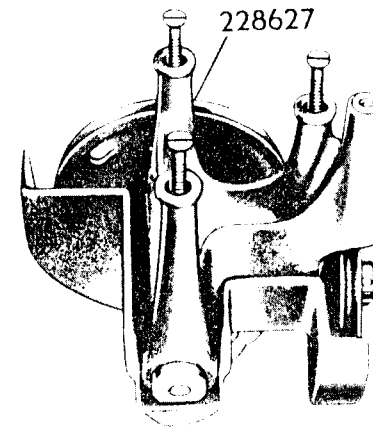


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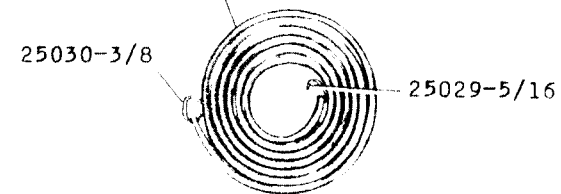


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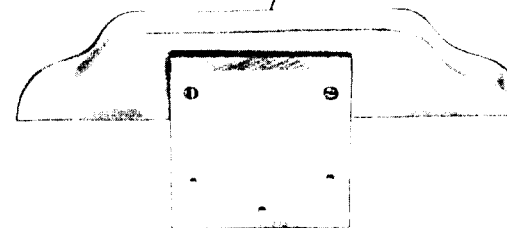
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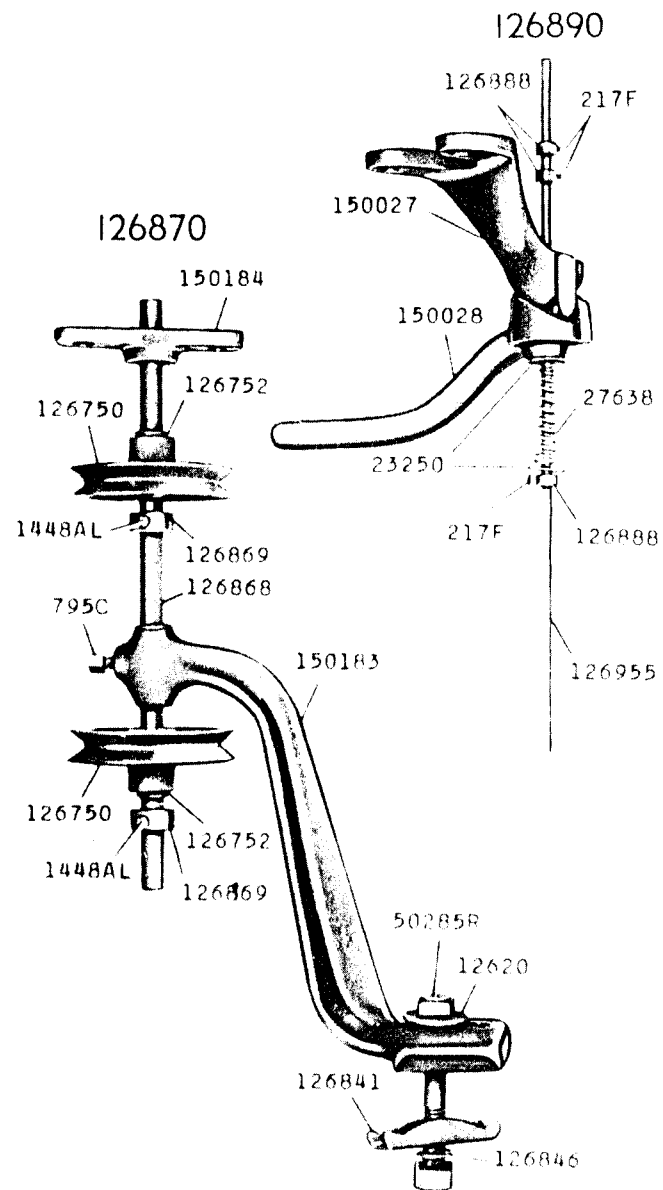
228610



234344

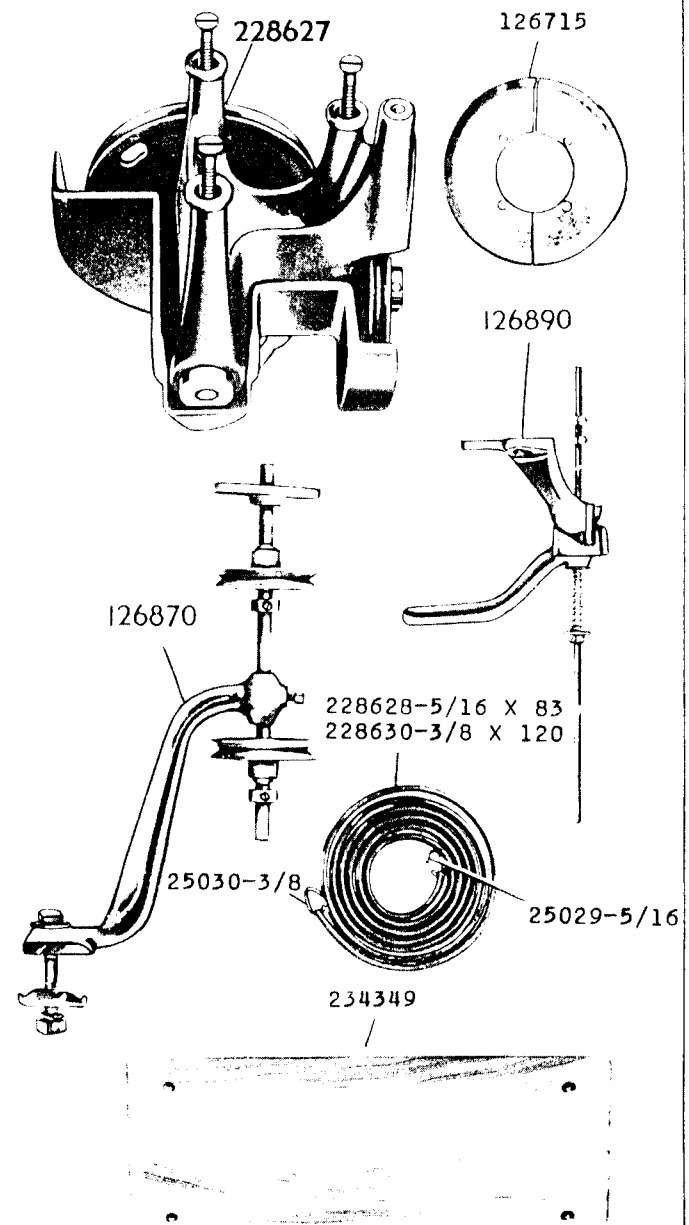


16394 - 1/4



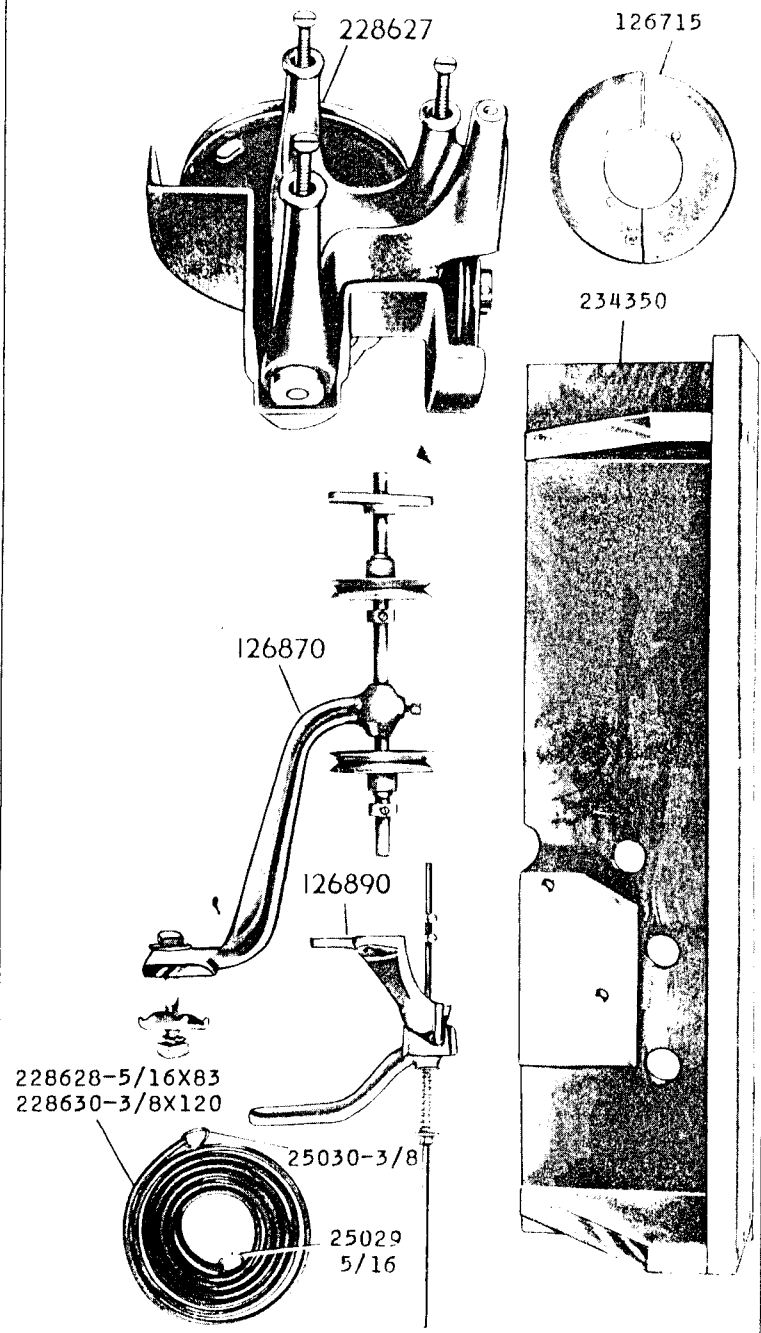
16395 - 1/6

228645



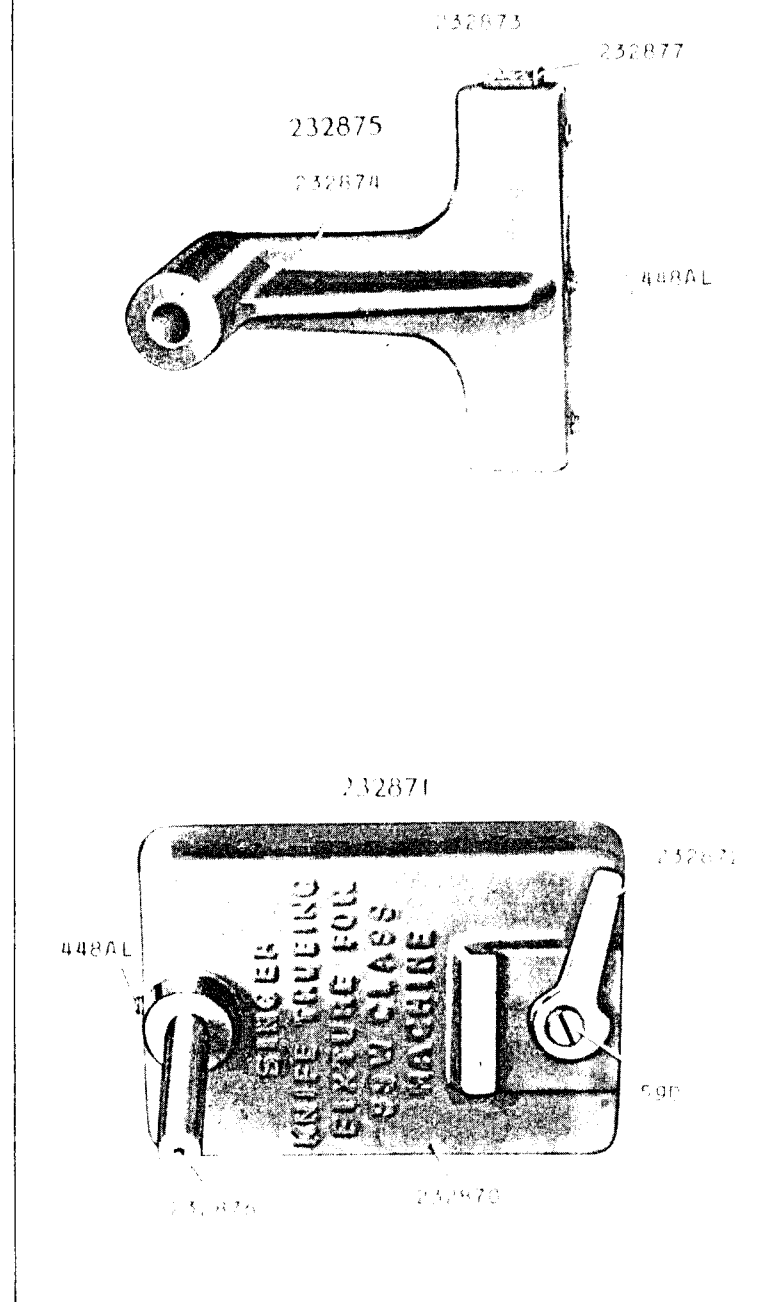
16396 - 1/6

228646



16401 - 1/2

232878



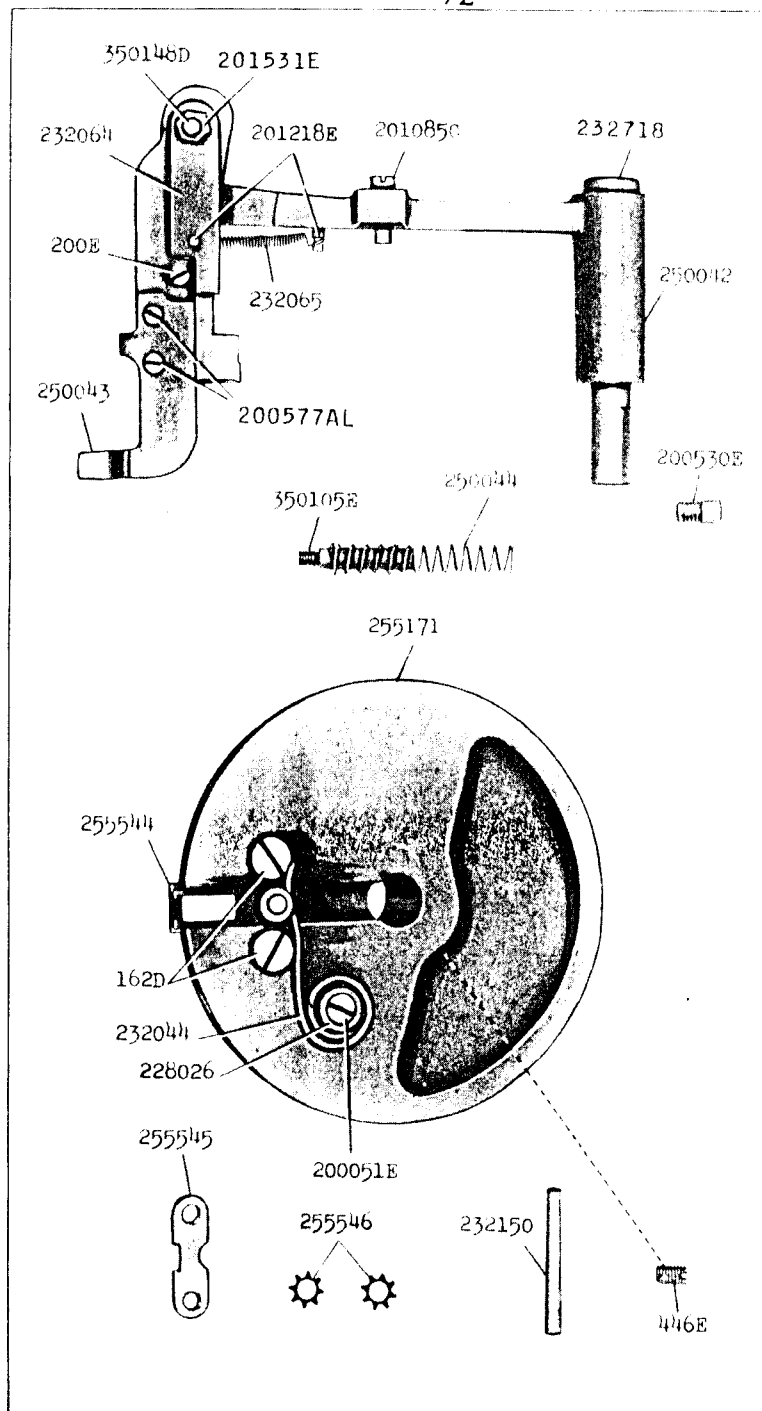
Exploded view diagram of a mechanical assembly, likely a pump or engine component, showing various parts and their assembly relationships. The diagram includes the following labeled components:

- 200100E 232244**: Main shaft assembly.
- 250014**: Nut or washer on the shaft.
- 250015**: Seal or gasket on the shaft.
- 40025**: Flange or mounting plate.
- 255521**: Spring or tensioner.
- 250017**: Washer or spacer.
- 1258AL**: Nut or washer.
- 232719**: Nut or washer.
- 201730E**: Nut or washer.
- 232260**: Nut or washer.
- 453AL**: Nut or washer.
- 201730E**: Nut or washer.
- 232030**: Nut or washer.
- 255559**: Nut or washer.
- 200383C**: Nut or washer.
- 255563**: Nut or washer.
- 256561**: Nut or washer.
- 250398**: Nut or washer.
- 256007**: Nut or washer.
- .211..212..213**: Nut or washer.
- .214..215**: Nut or washer.
- 256224**: Nut or washer.
- 232725**: Nut or washer.
- 9D**: Nut or washer.
- 255560**: Nut or washer.
- 255561**: Nut or washer.
- 145E**: Nut or washer.
- 1528E**: Nut or washer.
- 1036AL**: Nut or washer.
- 251025**: Nut or washer.
- 8873**: Nut or washer.
- 232821**: Nut or washer.
- 230795**: Nut or washer.
- 447E**: Nut or washer.
- 256052**: Nut or washer.
- 201896**: Nut or washer.
- 201943**: Nut or washer.
- \*250078**: Nut or washer.
- 127D**: Nut or washer.
- 40025**: Nut or washer.
- 201144E**: Nut or washer.
- 201898**: Nut or washer.
- 250077**: Nut or washer.
- 190D**: Nut or washer.
- 250076**: Nut or washer.
- 330D**: Nut or washer.
- 255527**: Nut or washer.
- 250451**: Nut or washer.

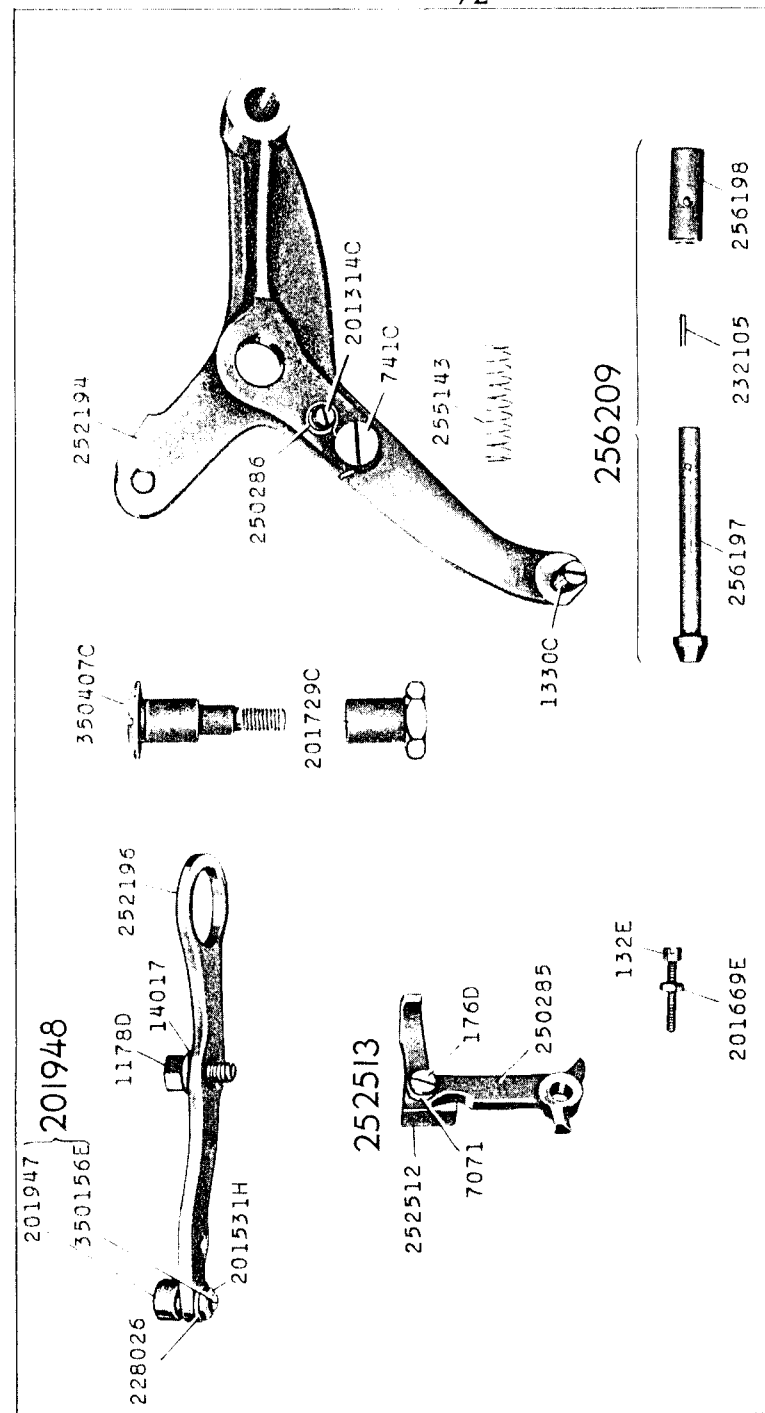
This diagram illustrates the exploded view of a mechanical assembly, likely a vehicle's suspension or steering component. The main components and their associated part numbers are as follows:

- Top Assembly (Circular Component):**
  - 256220 (Outer Ring)
  - 235404 (Top Mounting Bracket)
  - 255158 (Top Mounting Bracket)
  - 183C (Top Mounting Bracket)
  - 210750 (Top Mounting Bracket)
  - 255144 (Top Mounting Bracket)
  - 255168 (Top Mounting Bracket)
  - 172D (Top Mounting Bracket)
  - 255021 (Top Mounting Bracket)
  - 210750 (Top Mounting Bracket)
  - 172D (Top Mounting Bracket)
- Intermediate Components:**
  - 250406-.005 (Washer)
  - 256221 (Washer)
  - 250407-.010 (Washer)
  - 183C (Washer)
  - 255546 (Washer)
  - 1671E (Washer)
  - 256182 (Washer)
  - 350290H (Washer)
- Lower Assembly (Long Rod Component):**
  - 12509 (Rod End)
  - 453AL (Rod End)
  - 253680 (Rod End)
  - 462AL (Rod End)
  - 256222 (Rod End)
  - 250032 (Rod End)
  - 40025 (Rod End)
  - 453AL (Rod End)
  - 256210 (Rod End)
  - 256002 (Rod End)
  - 350289C (Rod End)
- Bottom Assembly (L-shaped Component):**
  - 255132 (L-shaped Component)
  - 256212 (L-shaped Component)
  - 255131 (L-shaped Component)
  - 250397 (L-shaped Component)
  - 145E (L-shaped Component)

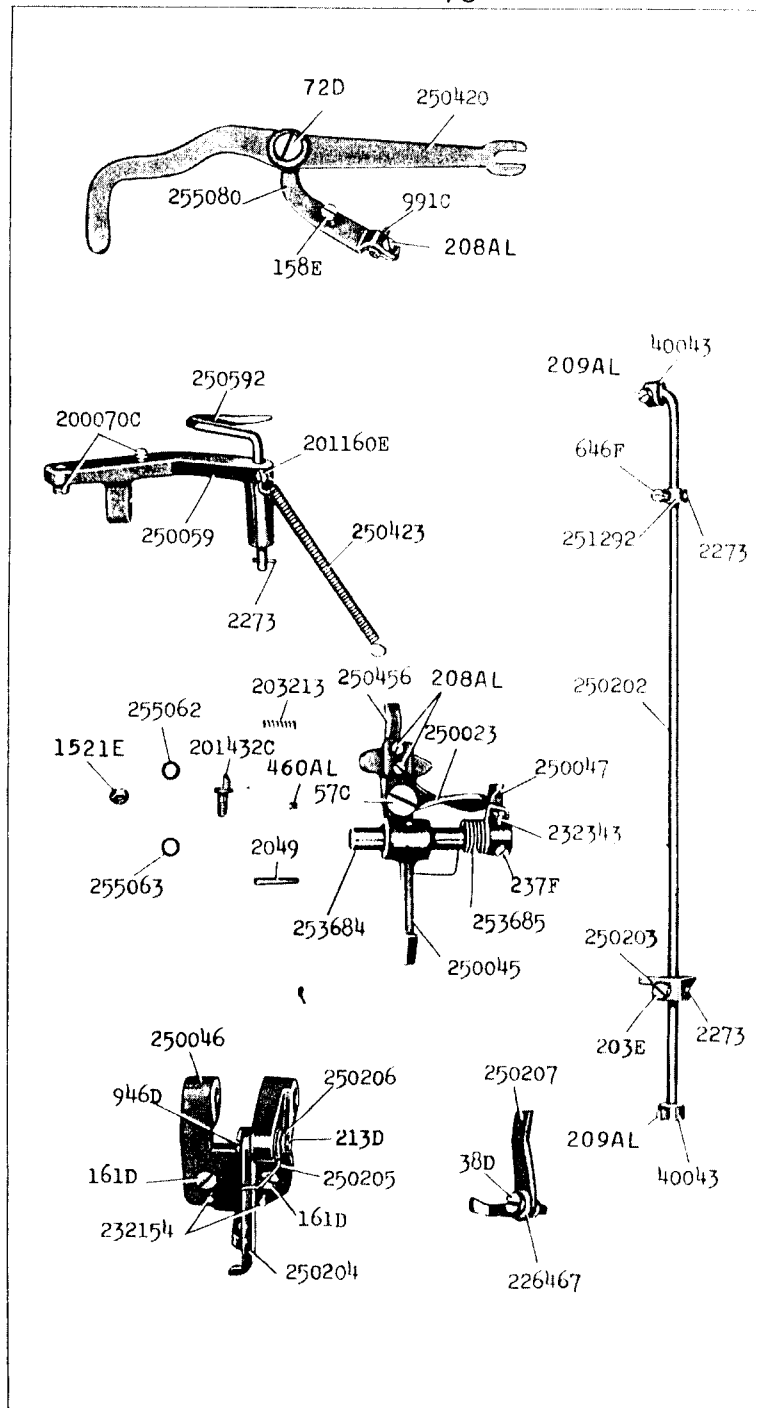
16406 - 1/2



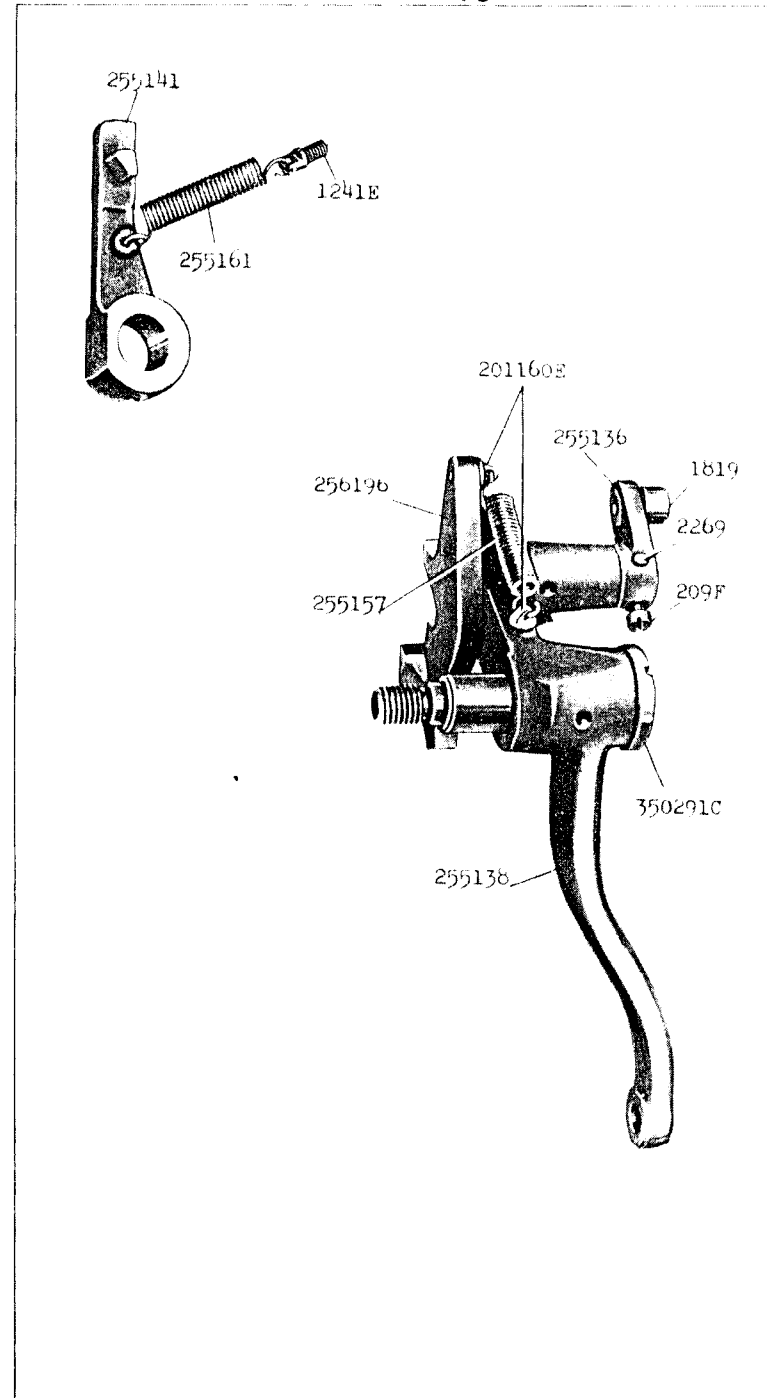
16407 - 1/2



16408 - 1/3



16409 - 2/3



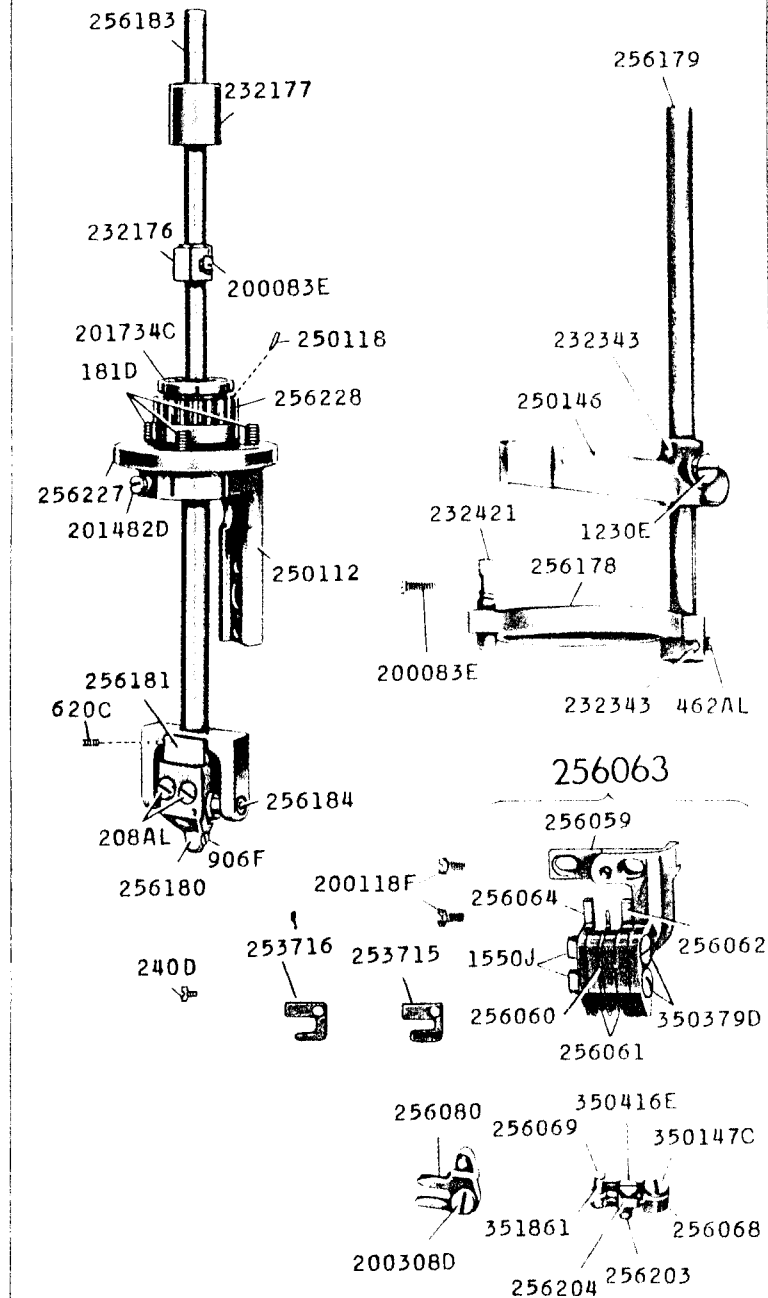
Technical drawings of three mechanical components, likely parts of a vehicle's suspension or steering system, labeled with various part numbers:

- Top Left Component:** A vertical rod assembly.
  - 256190: Upper rod section.
  - 256191: A bracket or mounting plate.
  - 190D: A pin or bolt passing through the bracket.
  - 256189: A lower rod section.
  - 200E: A pin or bolt.
  - 256020: A lower bracket or mounting plate.
  - 208AL: A pin or bolt at the bottom left.
  - 792D: A pin or bolt at the bottom right.
- Bottom Left Component:** A curved rod.
  - 176D: A pin or bolt at the top.
  - 161D: A pin or bolt in the middle.
  - 226163: A pin or bolt at the bottom.
  - 256216: The main curved rod body.
- Right Component:** A complex, curved bracket or arm.
  - 991C: A pin or bolt at the top.
  - 1550J: A pin or bolt below the top.
  - 200062H: A pin or bolt on the right side.
  - 256215: The main curved body.
  - 255011: A pin or bolt in the middle.
  - 35D: A pin or bolt in the middle.
  - 145E: A pin or bolt on the right side.
  - 200346C: A pin or bolt at the bottom right.
  - 255010: The main curved body.

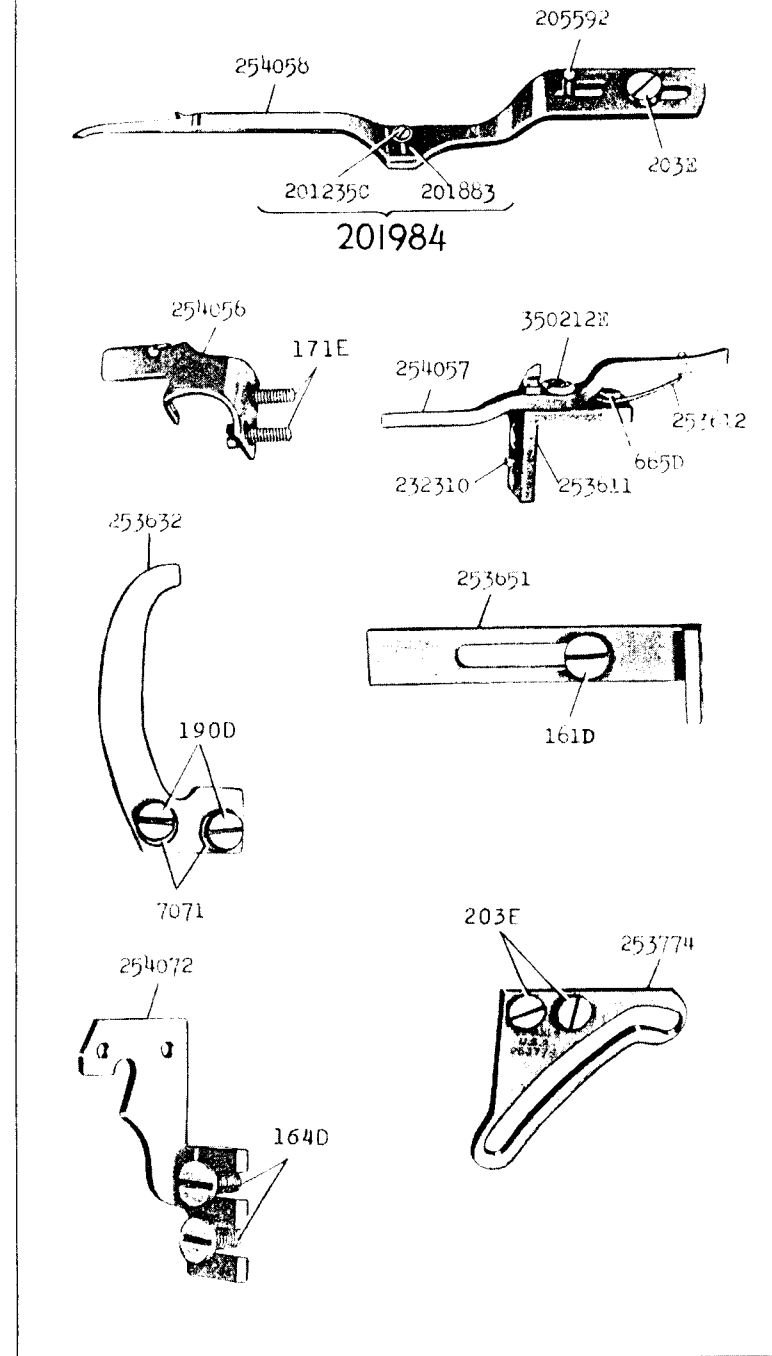
Exploded view diagram of a mechanical assembly. The diagram shows the following components and their labels:

- 253532**: A long, thin rectangular plate or bracket.
- 256213**: A small L-shaped bracket attached to the bottom of the plate.
- 253535**: A small rectangular component, possibly a pin or clip, located near the top right of the plate.
- 237F**: A small circular component, possibly a washer or spacer, located near the top right of the plate.
- 253533**: A small rectangular component, possibly a pin or clip, located near the top right of the plate.
- 253531**: A curved bracket or arm.
- 350224E**: A circular component, possibly a washer or spacer, located near the bottom of the curved bracket.
- 251170**: A circular component, possibly a washer or spacer, located near the bottom of the curved bracket.
- 7071**: A small circular component, possibly a washer or spacer, located near the bottom of the curved bracket.
- 1550J**: A small circular component, possibly a washer or spacer, located near the bottom of the curved bracket.

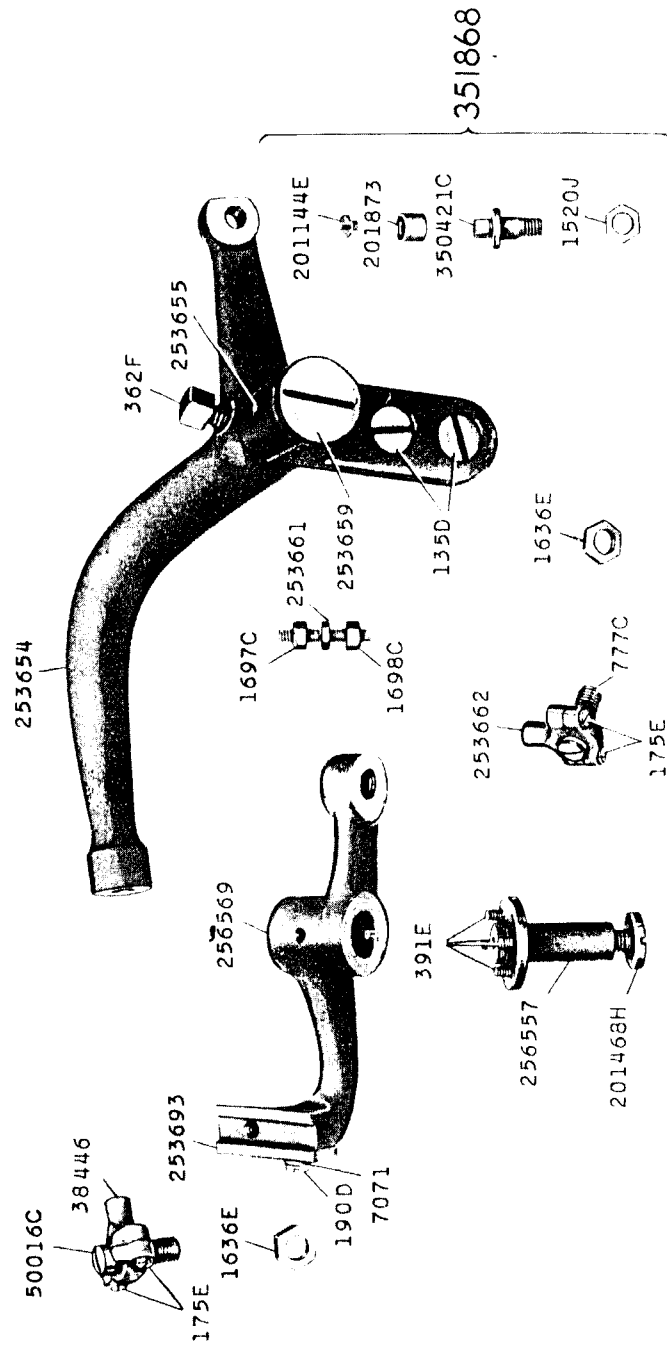
16416 - 1/2



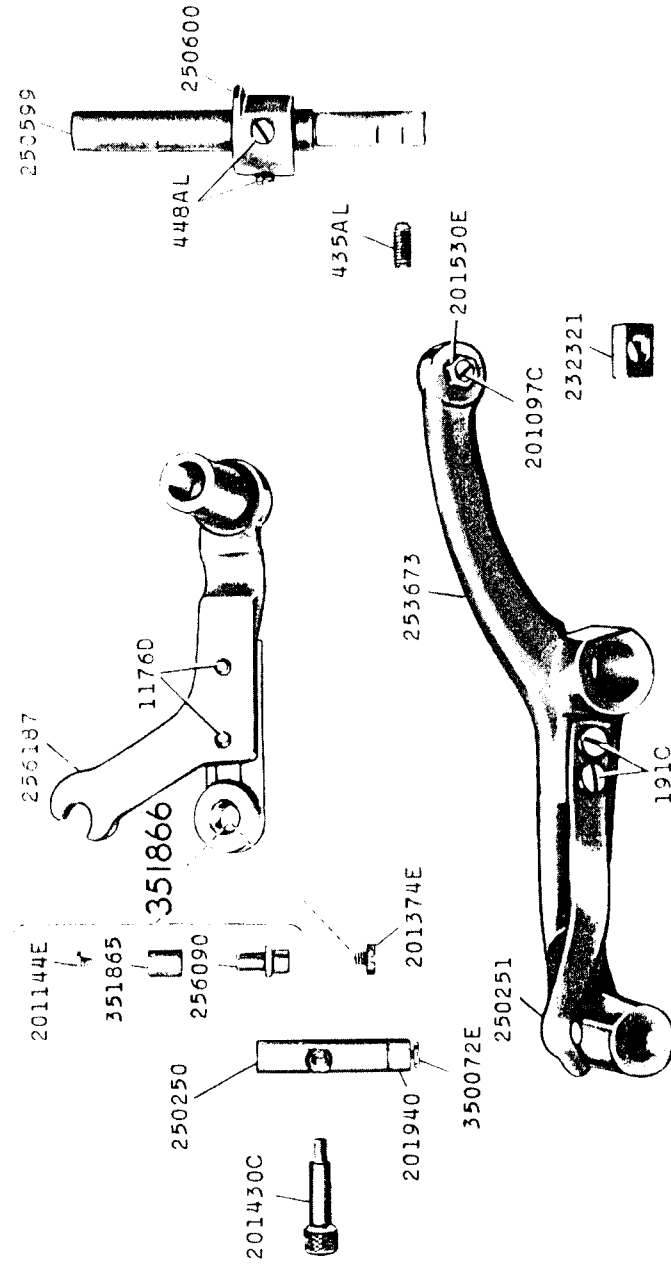
16417 - 2/3



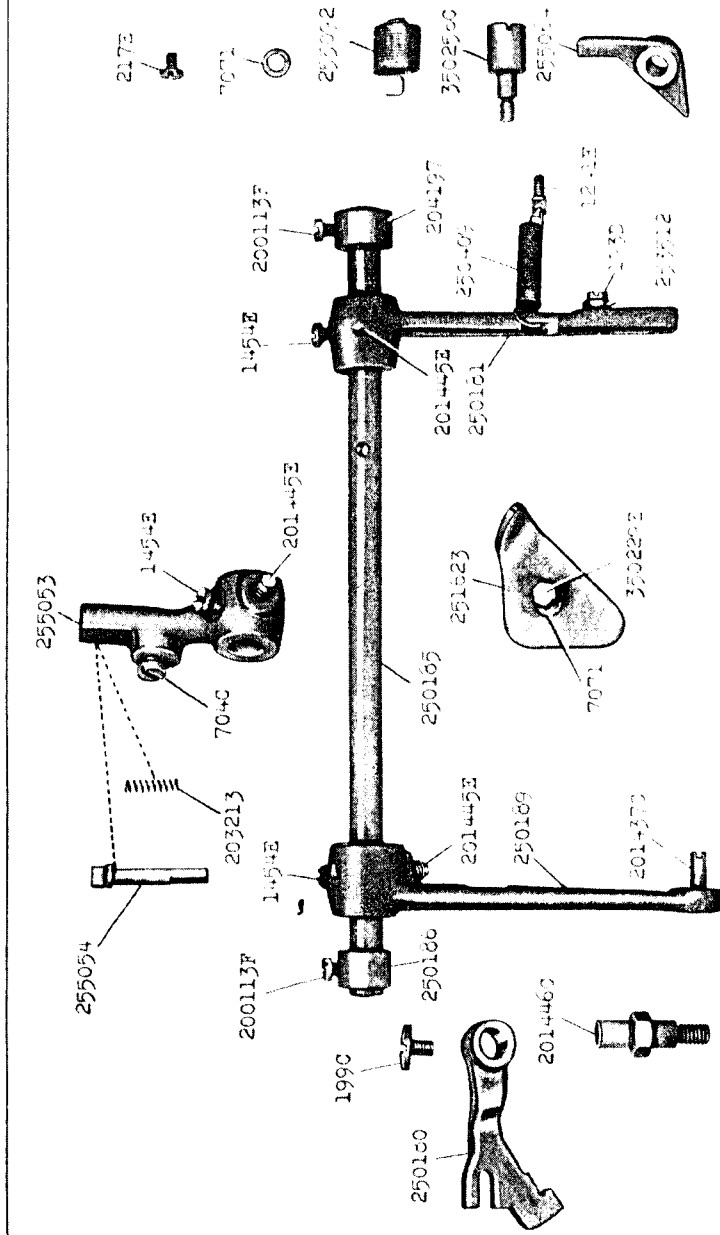
16419 - 1/2



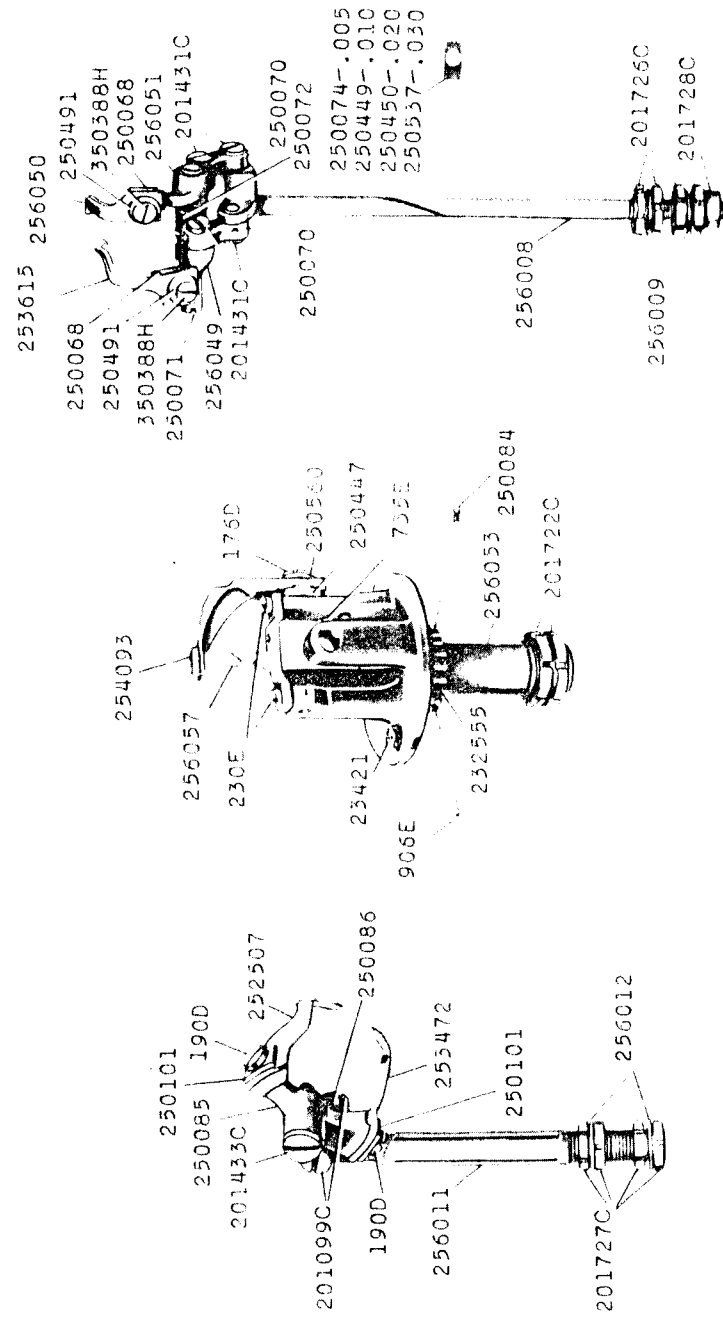
16420 - 1/2



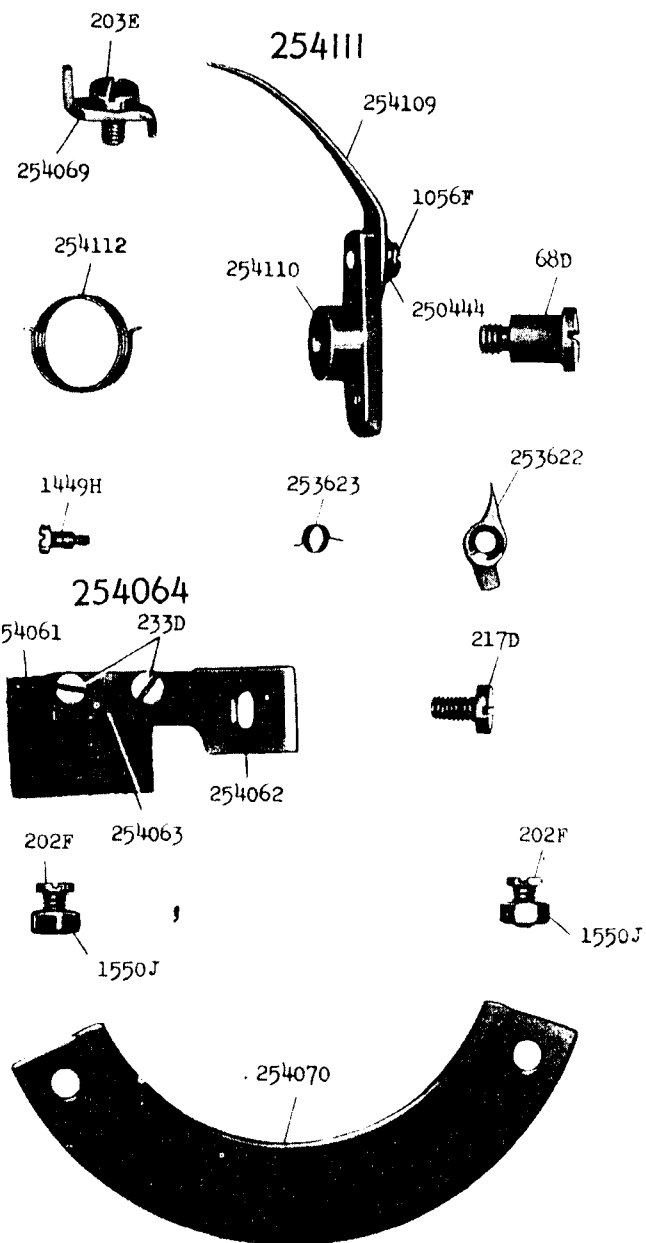
16421 - 1/2



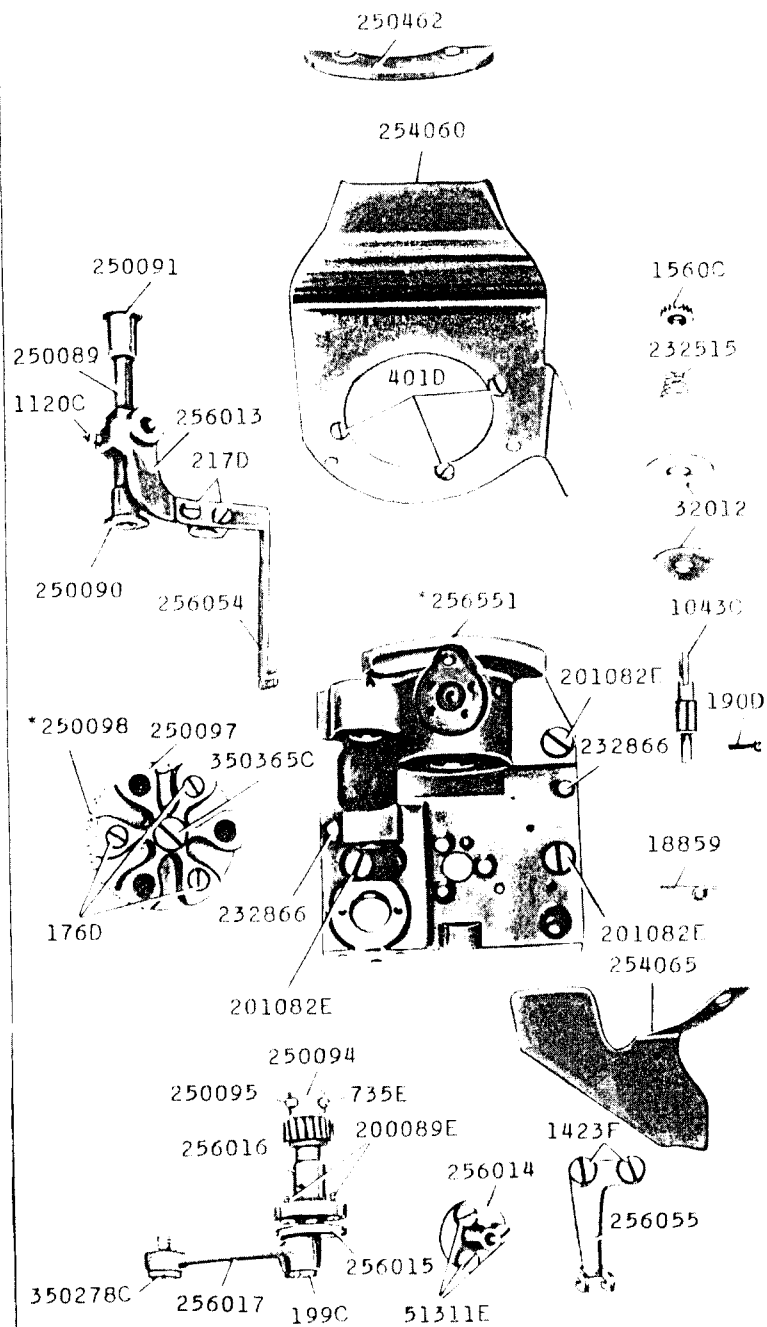
16422 - 1/2



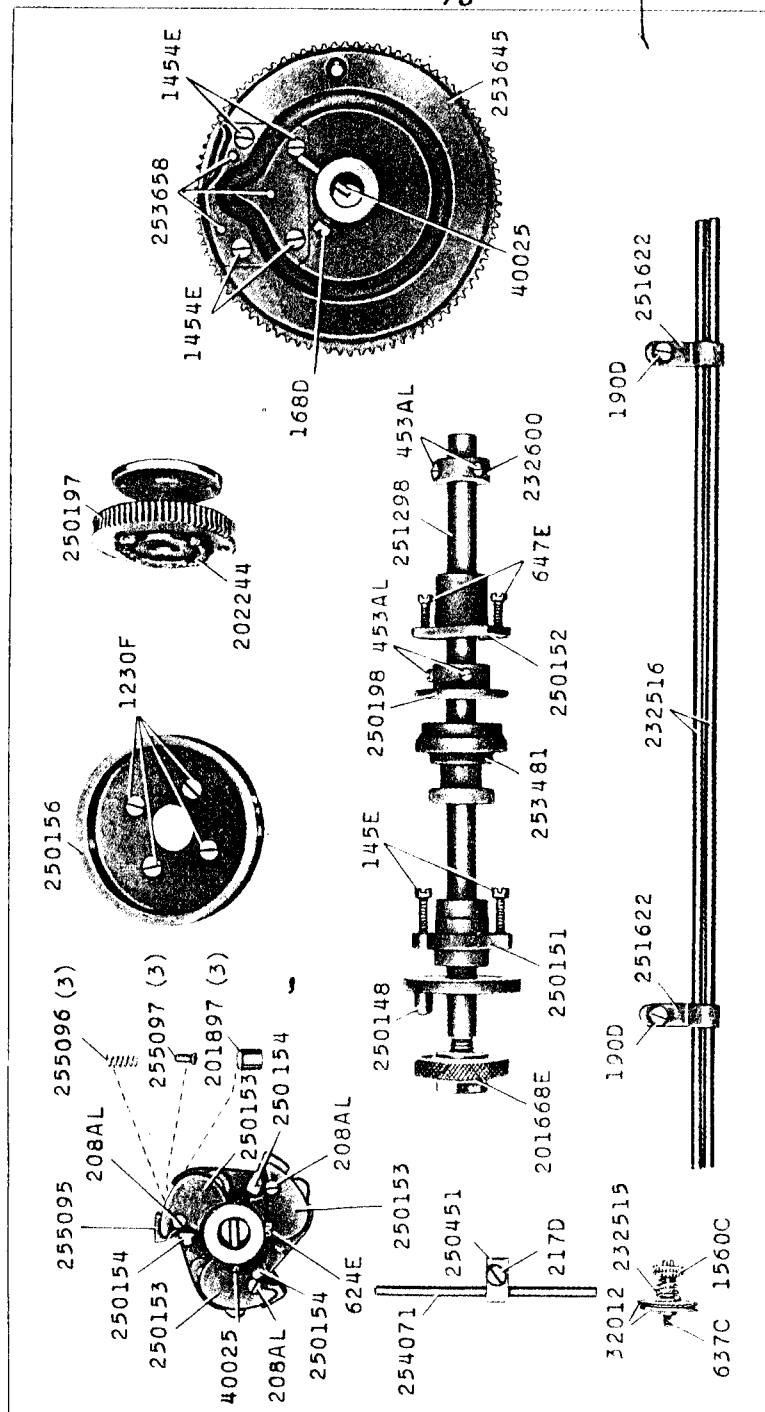
16423



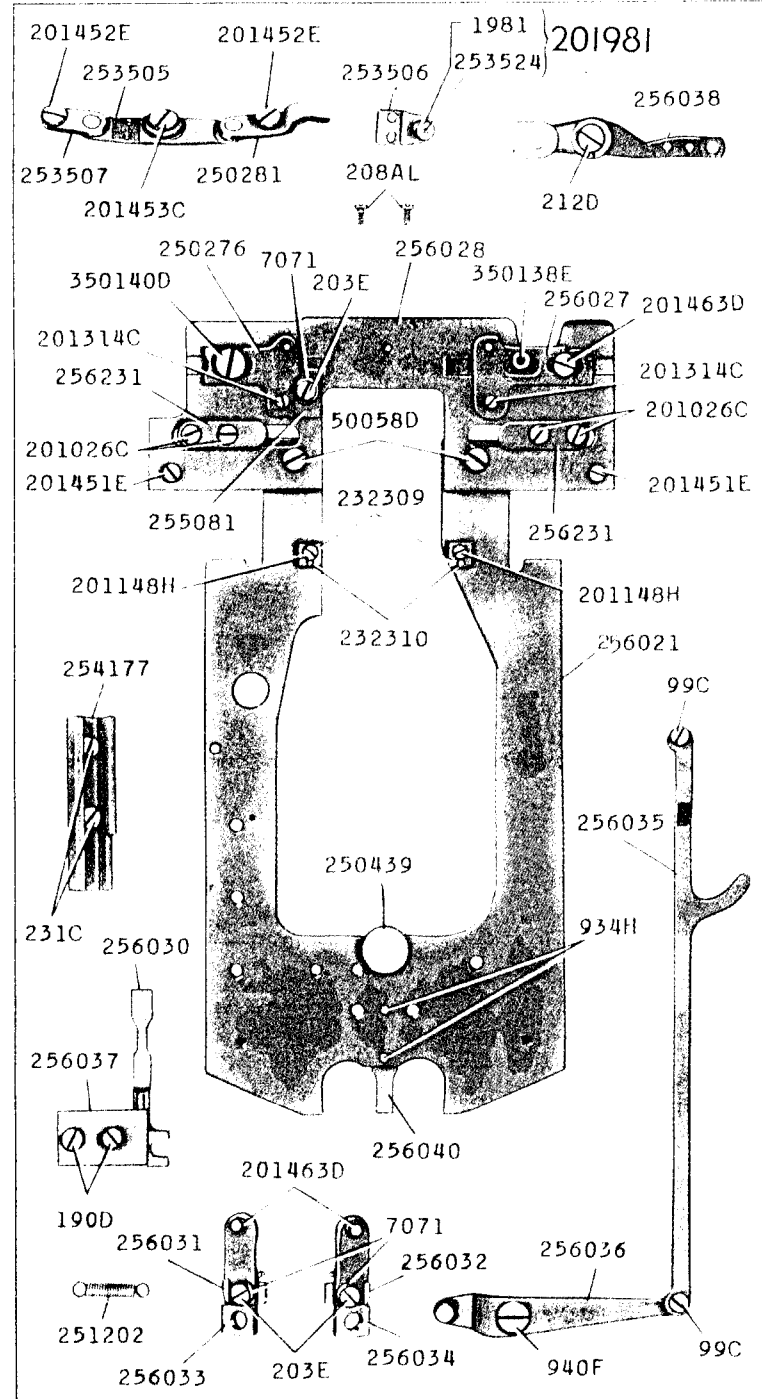
16424 - 3/8



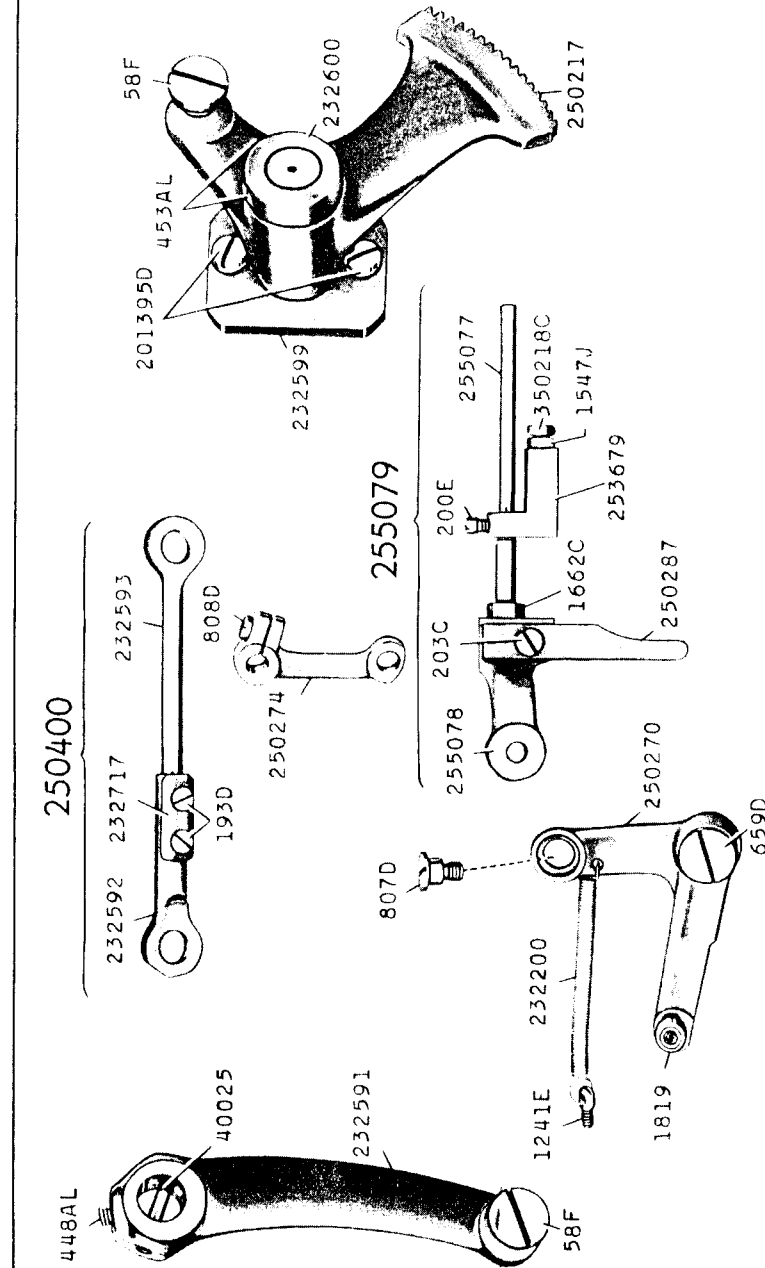
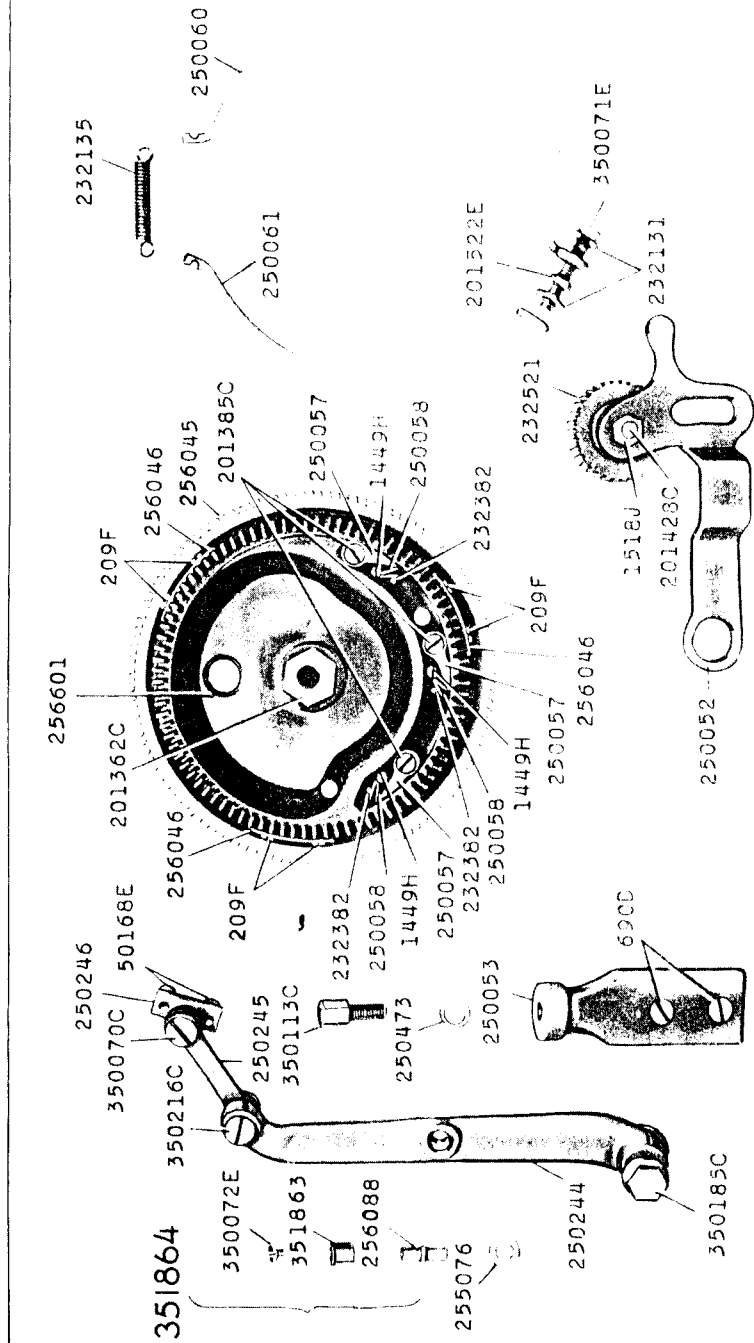
16426 - 1/3



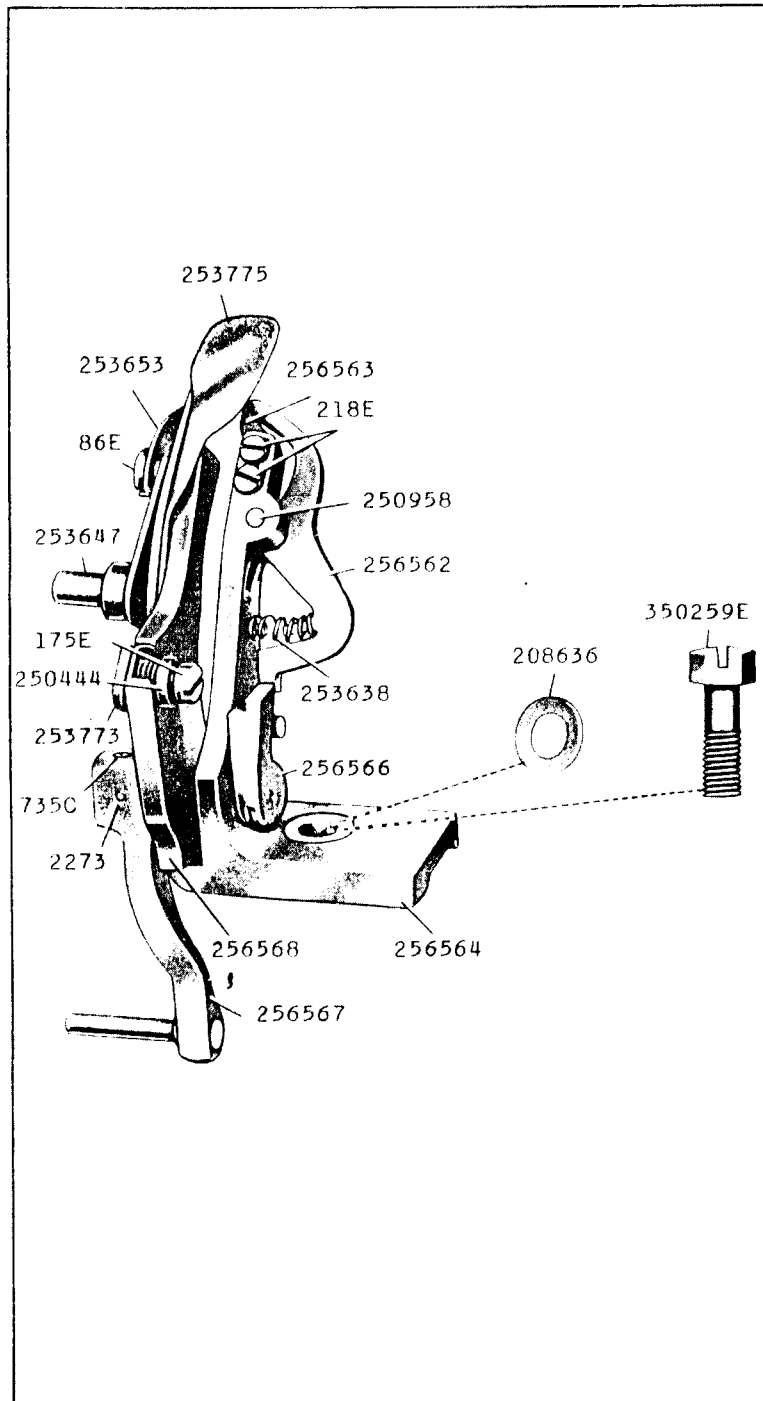
16427 - 3/8



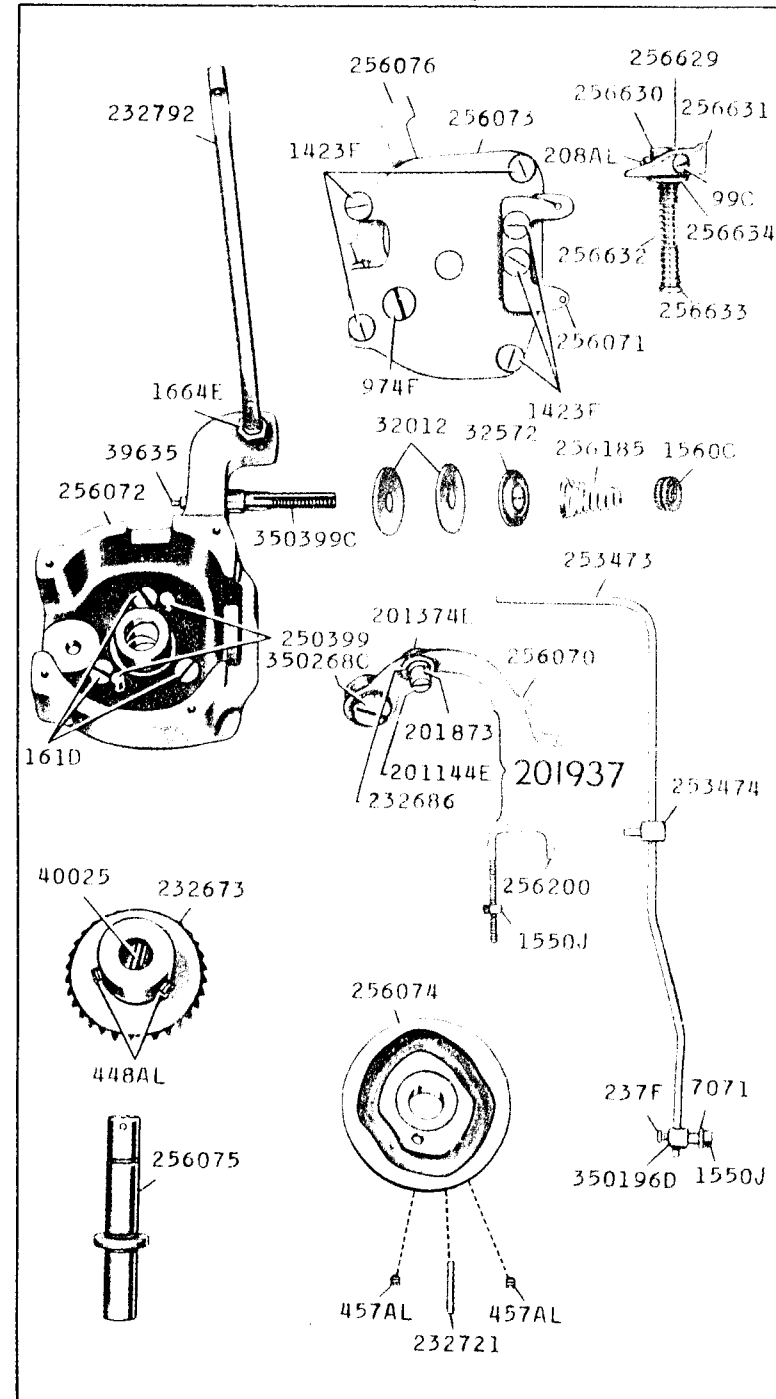




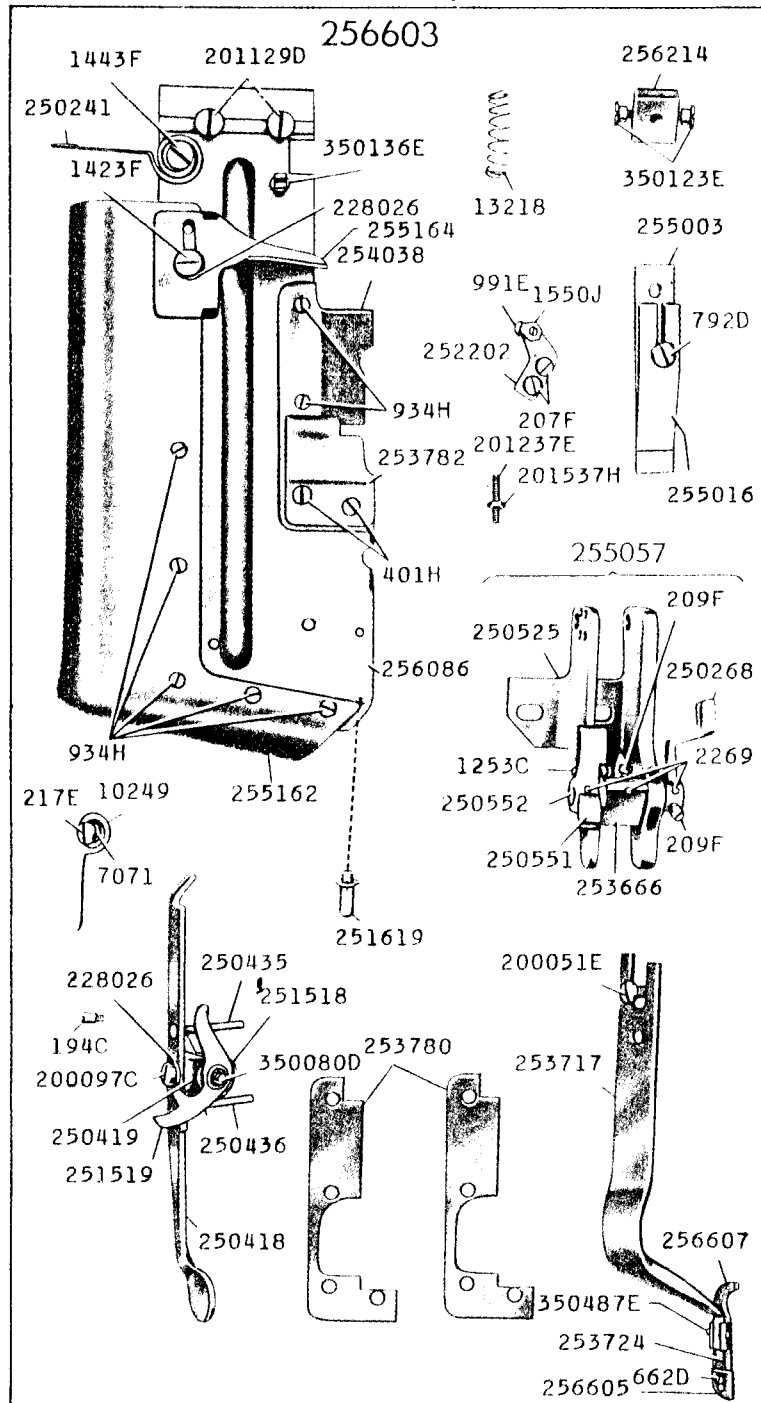
17412



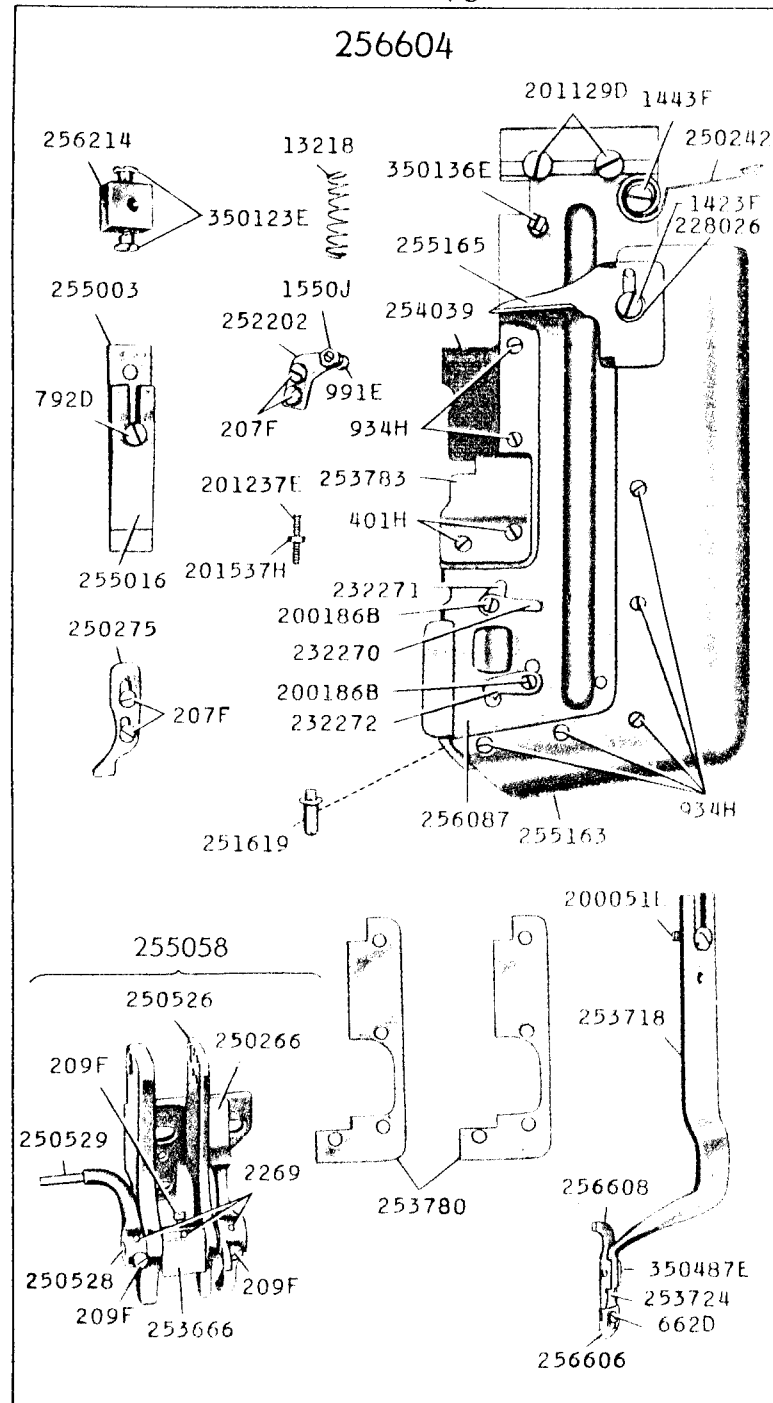
17413 - 3/8



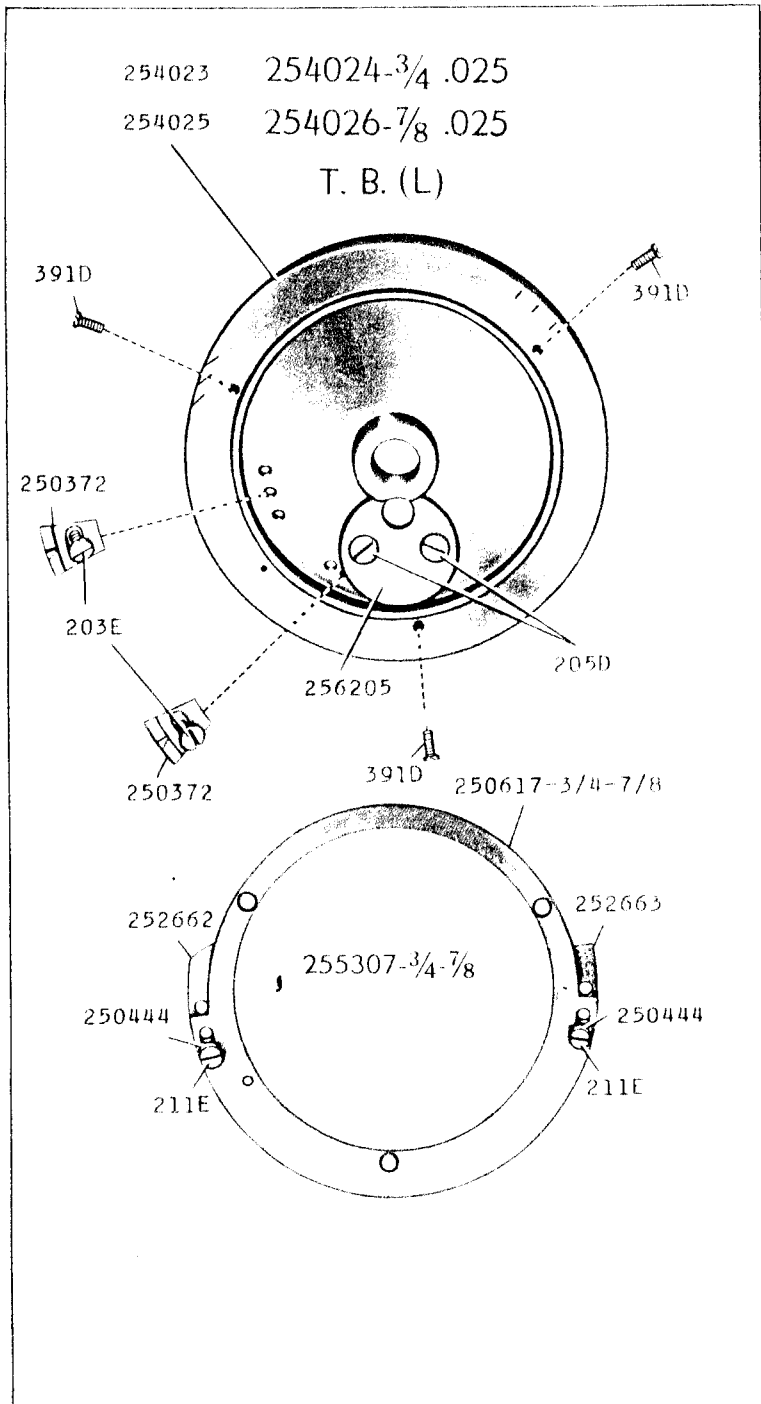
17414 - 3/8



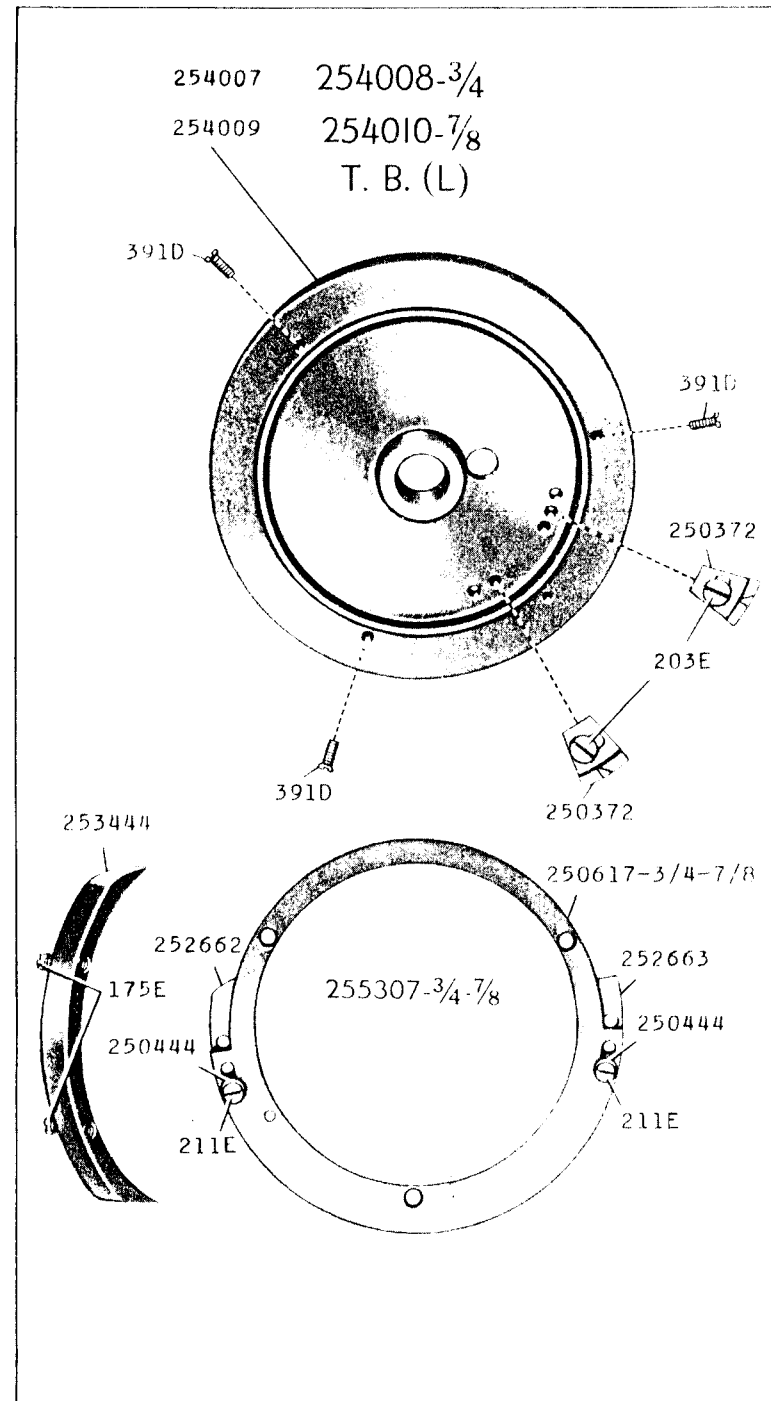
17415 - 3/8



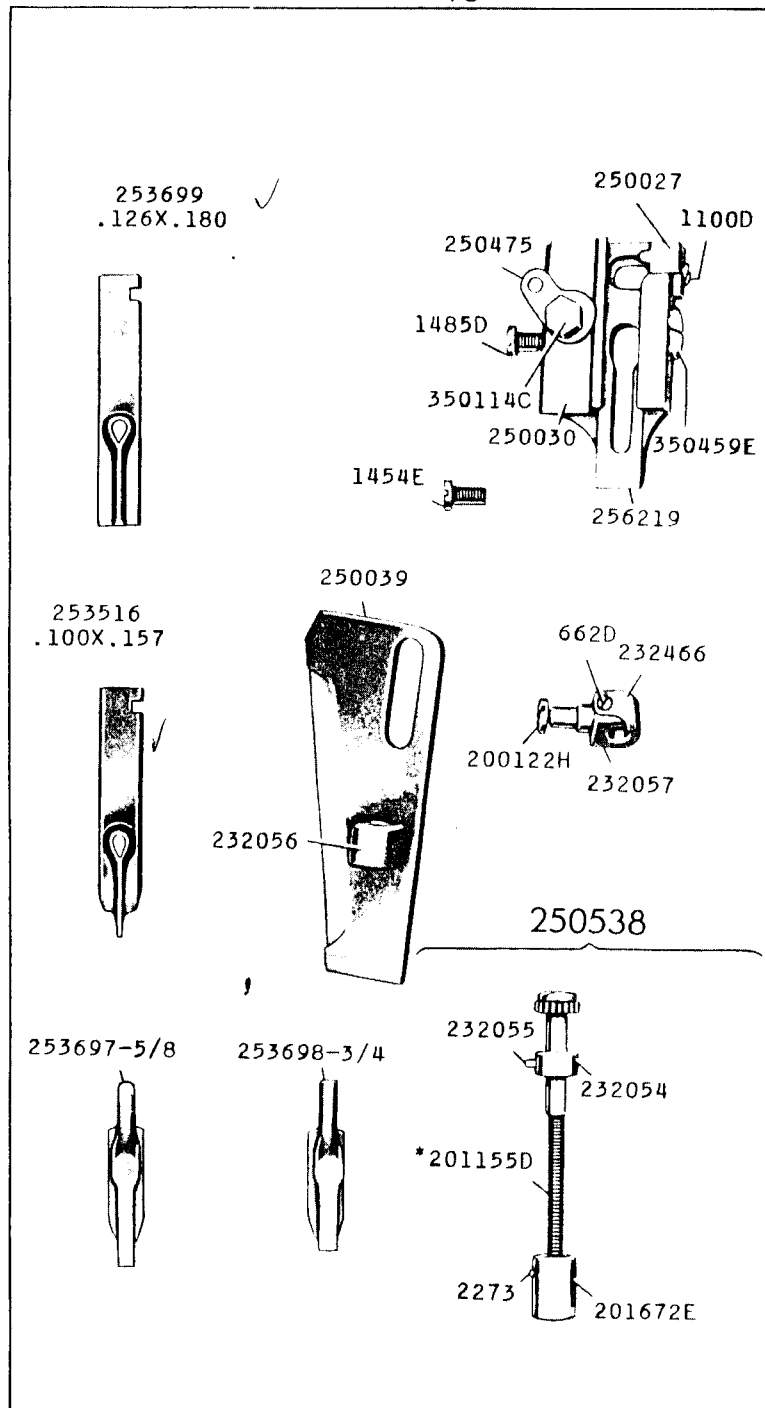
17416 - 1/2



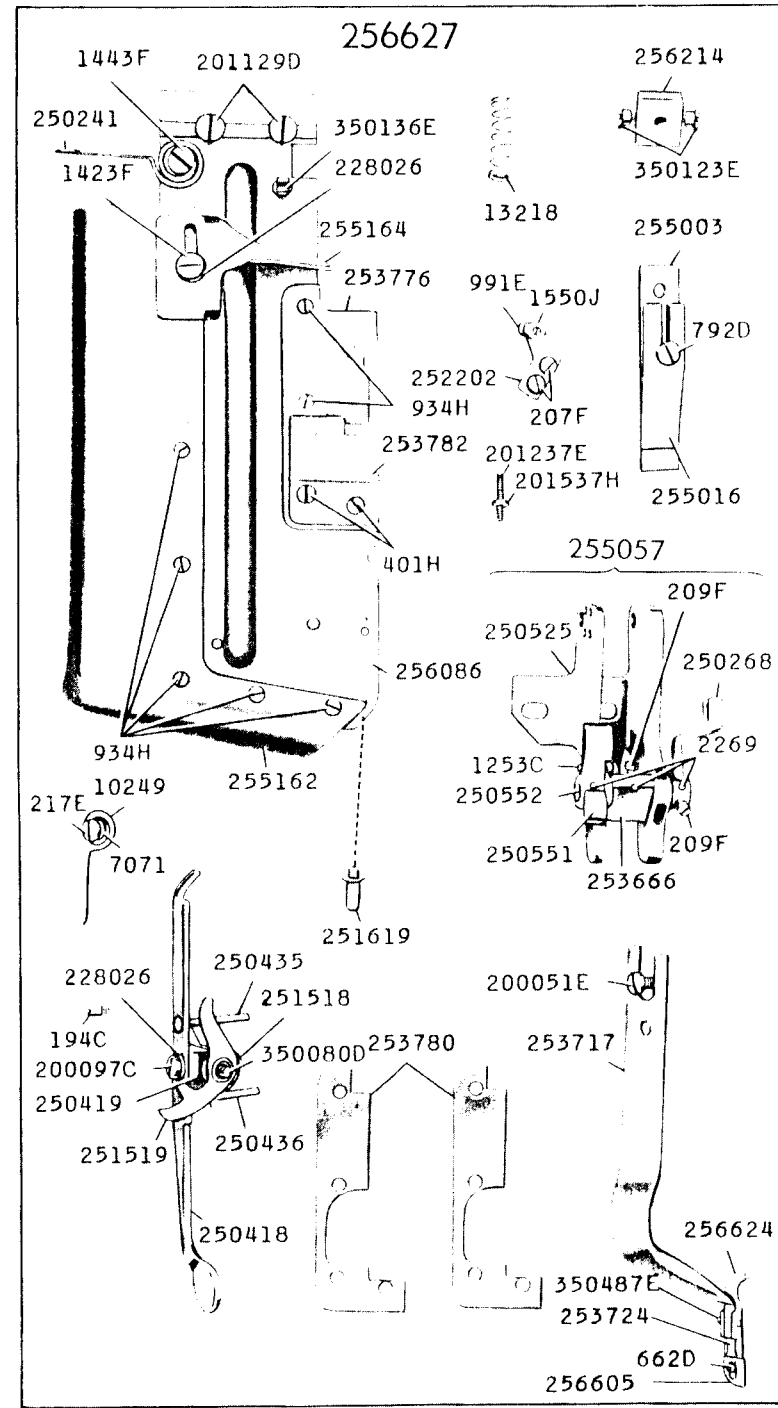
17417 - 1/2



17418 - 2/3

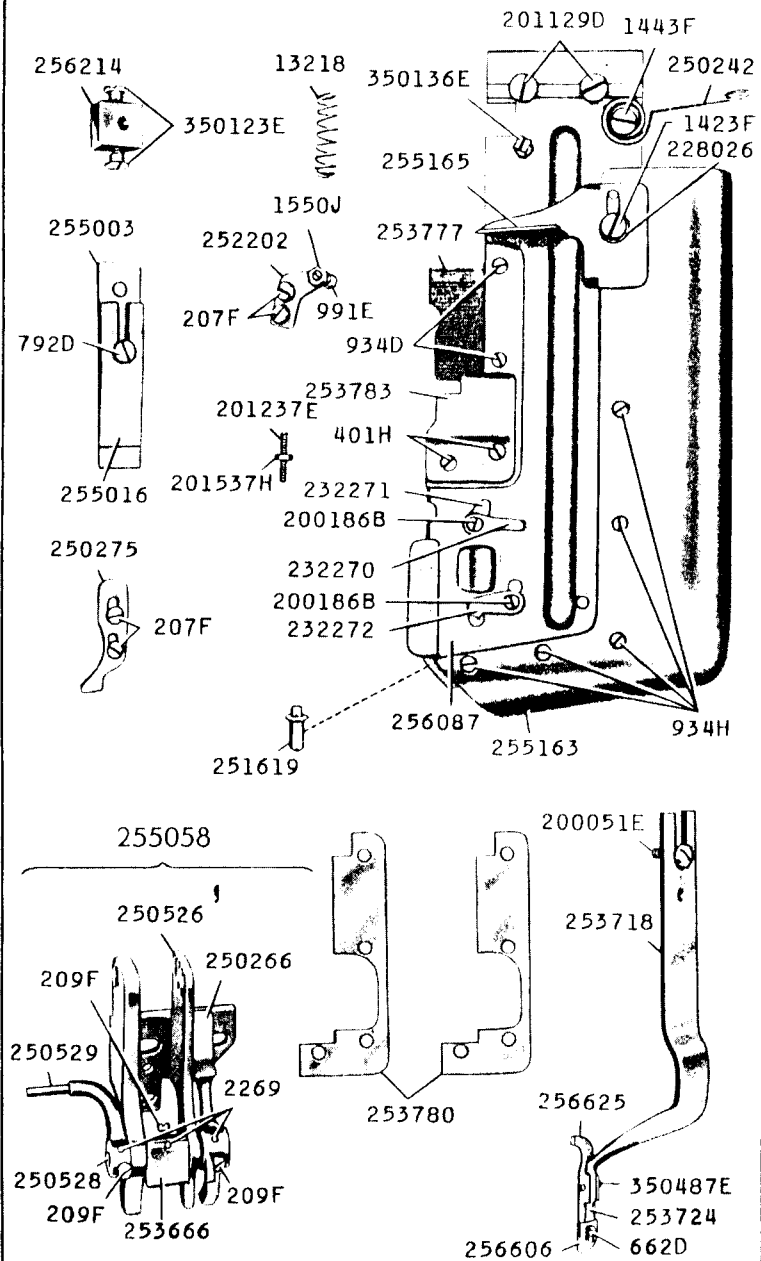


17419 - 3/8



17420 - 3/8

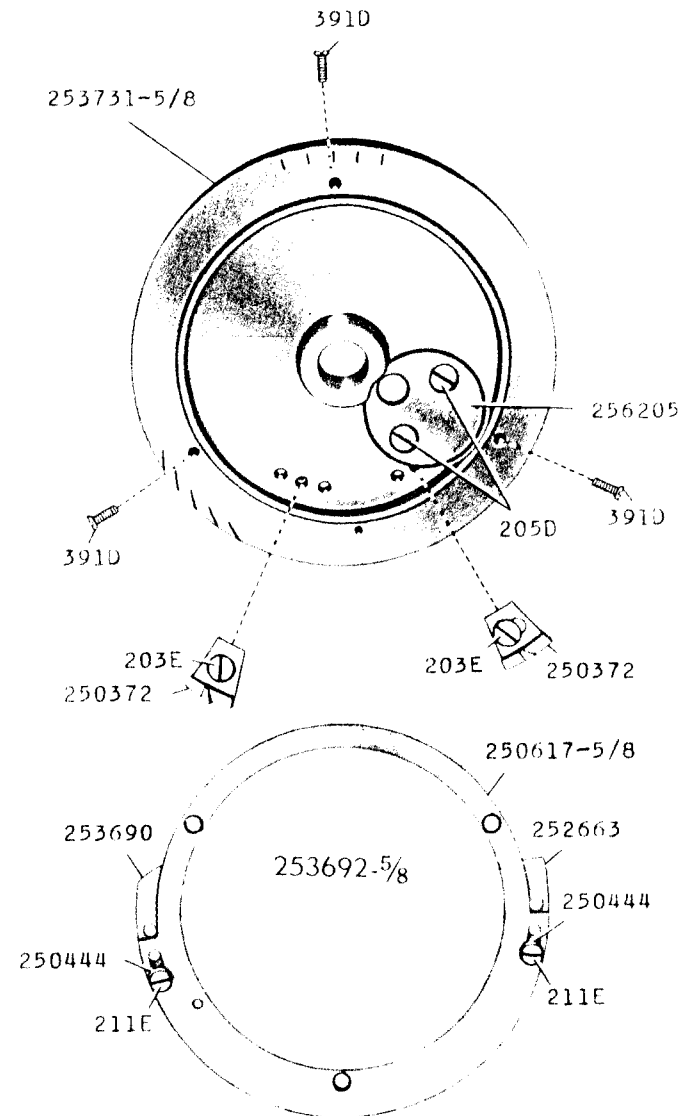
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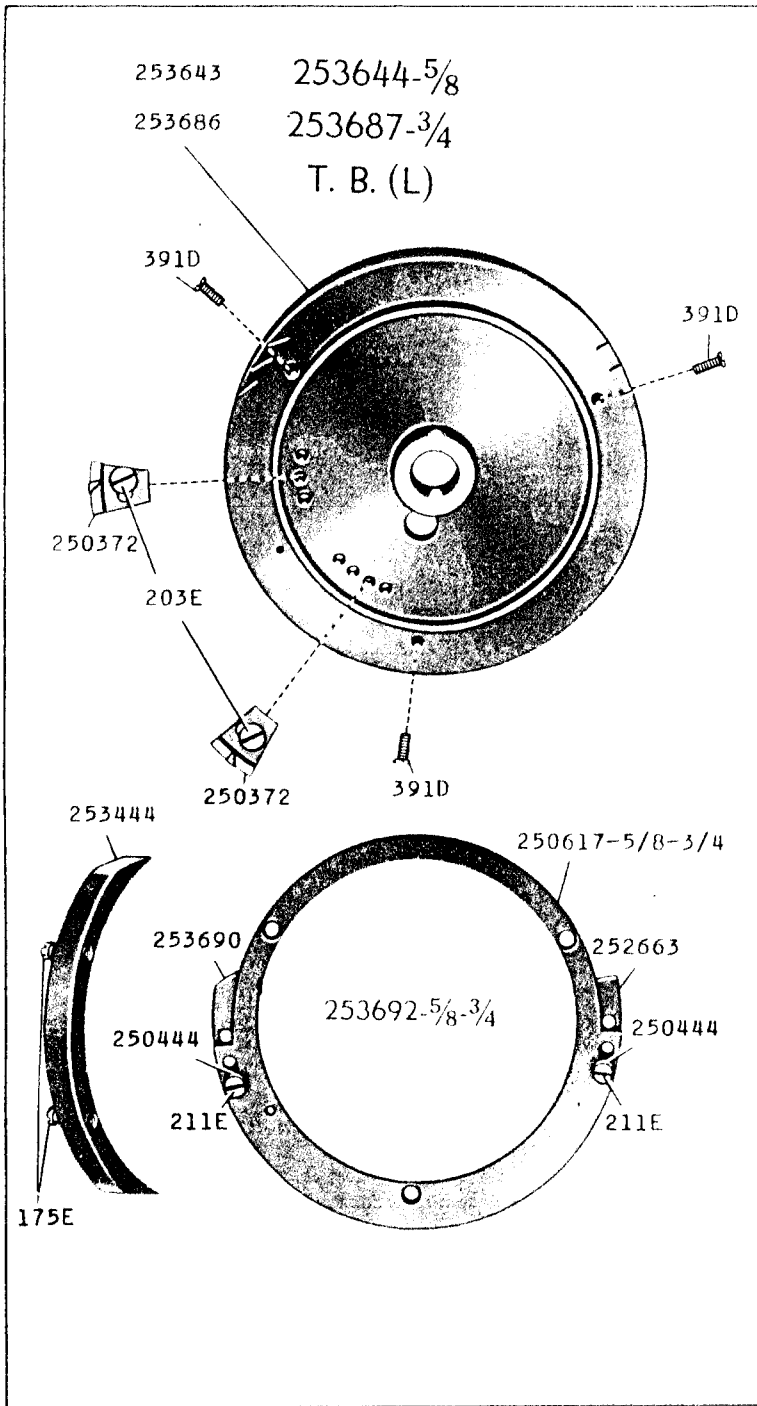
17421 - 1/2

253732-5/8

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17422 - 1/2



17423 - 1/2

