

Form 2616w-Revised  
(149)  
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# LIST OF PARTS

## SINGER\*\*

### MACHINE No. 108w20

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THE SINGER COMPANY

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## INDEX

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|                                   | PAGE |
|-----------------------------------|------|
| ACCESSORIES — — — — —             | 11   |
| BINDERS — — — — —                 | 13   |
| BOBBIN WINDER — — — — —           | 11   |
| MACHINE No. 108w20 — — — — —      | 5    |
| NUMERICAL LIST OF PARTS — — — — — | 15   |
| OBSOLETE PARTS — — — — —          | 14   |
| TAPE REEL — — — — —               | 12   |
| TREADLE — — — — —                 | 12   |

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## INSTRUCTIONS FOR ORDERING

5

In ordering from this list, use ONLY the PART number in the FIRST column.

The number stamped on a Sewing Machine Part is the number of the Single Part only, except when the part includes Set Screws, Clamping Screws, Studs and Rollers Spun on, Small Wires riveted, or Parts soldered together, etc., which it is necessary to furnish in combination.

Every combination of parts sent out has its specific number which, although not stamped on Parts (except in above case), must be used when ordering the combination.

Each number always indicates the SAME PART in whatever list it appears, or for whatever Machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A. Hardened, Polished, Nickel Plated and Buffed.
- B. Polished, Nickel Plated and Buffed.
- C. Hardened only.
- D. Polished only.
- E. Soft, not polished.
- F. Hardened and Polished.
- H. Blued.
- J. Nickel Plated only.
- R. Merlized.
- X. Black Oxide, for Iron and Steel.
- XC. Hardened and Black Oxide, for Iron or Steel.
- Y. Black Nickel Plated only.

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

### In this series

1 to 1500, 200001 to 201500 and 350001 to 351500 are Screw Numbers.  
1501 to 1800, 201501 to 201800 and 351501 to 351800 are Nut Numbers.  
1801 to 2000, 201801 to 202000 and 351801 to 352000 are Roller Numbers.  
2001 to 50000 and 202001 to 350000 are Numbers of Machine Parts.

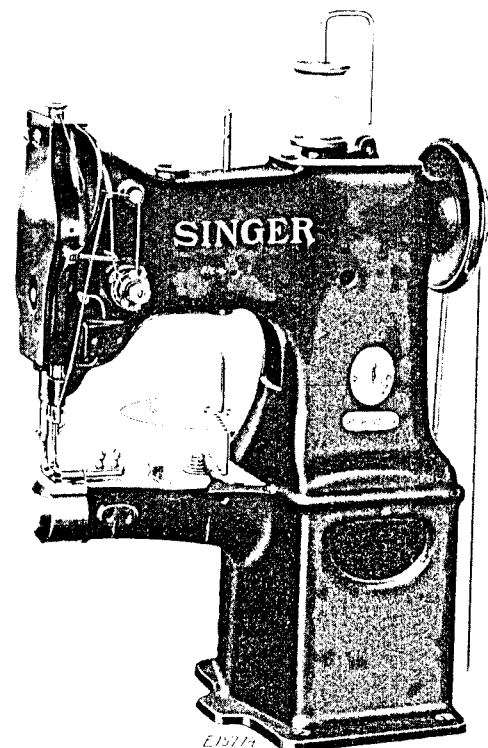
The figures in the second column refer only to the plate in which the illustration of the part is shown and are NOT TO BE USED in ordering.

Two or more numbers over a cut indicate that the difference between such parts is not visible in an illustration.

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

## LIST OF PARTS COMPLETE

FOR



## MACHINE No. 108w20

UNISON FEED.

FOR BINDING SHOE TONGUES, BUTTON STRAPS,

DRESS SHIELDS, ETC.

| No.     | Plate | Name                            |
|---------|-------|---------------------------------|
| *208521 | ----- | Arm with 202135                 |
| 203091  | 13481 | " Cap                           |
| 200278H | 13481 | " " Screw                       |
| 202248  | 13481 | " " Washer                      |
| 203089  | 13481 | " " Spool Holder Base           |
| 203090  | 13481 | " " " " " 203089 with           |
|         |       | 200079H and 204296              |
| 200585H | 13481 | Arm Cap Spool Holder Base Screw |
| 204296  | 13481 | " " " " Wire                    |

| No.     | Plate | Name                                                                |
|---------|-------|---------------------------------------------------------------------|
| 202443  | 13481 | Feed Regulating Spindle Head Pin                                    |
| 202619  | 13481 | " " " " Position Pin                                                |
| 224709  | 13487 | Foot Lifter Lifting Lever                                           |
| 200262H | 13487 | " " " " Hinge Screw                                                 |
| 247789  | ----- | Hook (sewing) with two 462AL                                        |
| 247790  | 13491 | " 247789 with 45761, 200145C, 200596F, 200614C, 203101 and 206852   |
| 247791  | 13491 | Hook and Bobbin Case complete, Nos. 202533 and 247790               |
| 206852  | 13491 | Hook Gib                                                            |
| 200614C | 13491 | " " Hinge Screw                                                     |
| 200596F | 13491 | " " Screw                                                           |
| 203101  | 13491 | " Oil Wick                                                          |
| 462AL   | 13491 | " Set Screw                                                         |
| 244200  | 13491 | " Shaft                                                             |
| 202321  | 13482 | " " Bushing (back)                                                  |
| 200346C | 13482 | " " " " Set Screw                                                   |
| 202322  | 13482 | " " " (front)                                                       |
| 200346C | 13482 | " " " " Set Screw                                                   |
| 224516  | 13482 | " " Connection Belt Pulley with 202324 and two 201018C              |
| 201018C | 13482 | Hook Shaft Connection Belt Pulley Set Screw                         |
| 202324  | 13482 | Hook Shaft Connection Belt Pulley Spring Flange                     |
| 224392  | 13482 | Hook Shaft Oil Packing (wick) (2)                                   |
| 45761   | 13491 | " Washer                                                            |
| 200145C | 13491 | " " Screw                                                           |
| 208545  | 13484 | Lifting Bell Crank                                                  |
| 208546  | 13484 | " " " " Driving Crank                                               |
| 208547  | 13484 | " " " " " Link                                                      |
| 202277  | 13484 | " " " " " Oil                                                       |
|         |       | Packing (wick)                                                      |
| 201012C | 13484 | Lifting Bell Crank Driving Crank Position Screw                     |
| 200374C | 13484 | Lifting Bell Crank Driving Crank Set Screw                          |
| 200996C | 13484 | Lifting Bell Crank Stop Screw                                       |
| 224703  | 13489 | " Presser Foot                                                      |
| 200074F | 13485 | " " " " Screw                                                       |
| 208526  | 13484 | Needle Bar with 200141F                                             |
| 208549  | 13487 | " " and Needle Plate Carrier Frame with 200362C, 200997C and 208550 |
| 224741  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Plate               |
| 210983  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Plate Position Pin  |
| 200054E | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Plate Screw (4)     |
| 350308C | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw               |
| 200998C | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud          |

| No.                | Plate            | Name                                                                                                                      |
|--------------------|------------------|---------------------------------------------------------------------------------------------------------------------------|
| 208550             | 13487            | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Bushing (split)                                                |
| 200997C            | 13487            | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Bushing Position Screw                                         |
| 202277             | 13487            | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Oil Packing (wick)                                             |
| 208551             | 13484            | Needle Bar Connecting Link                                                                                                |
| 208552             | 13484            | " " " " Stud with 200086C and 202330                                                                                      |
| 202330             | 13484            | Needle Bar Connecting Stud Oil Packing (wick)                                                                             |
| 200086C            | 13484            | Needle Bar Connecting Stud Pinch Screw                                                                                    |
| 208553             | 13484            | " " Crank with 200335C, 200374C, 200428C and 201012C                                                                      |
| 208582             | 13484            | Needle Bar Crank 208553 with 200996C, 202398, 202400, 208545 to 208547, 208551, 208552, 208555, 208557, 208562 and 208563 |
| 203172             | 13484            | Needle Bar Crank Friction Washer                                                                                          |
| 200428C            | 13484            | " " " " Position Screw                                                                                                    |
| 200335C            | 13484            | " " " " Set Screw                                                                                                         |
| 224704             | 13489            | " " Plate, 50 needle hole, for needle sizes 14 and 15                                                                     |
| <del>201387F</del> | <del>13489</del> | <del>Needle Plate Screw</del>                                                                                             |
| 224705             | 13482            | " " " " Slide Plate (adjustable)                                                                                          |
| 200054E            | 13482            | " " " " " Screw                                                                                                           |
| 200141F            | 13484            | " " Set Screw                                                                                                             |
| 224527             | 13482            | Oil Leader (brass) (for back hook shaft bearing)                                                                          |
| 208566             | 13485            | Presser Bar with 200074F                                                                                                  |
| 208567             | 13485            | " " Bushing                                                                                                               |
| 200352C            | 13485            | " " " " Set Screw                                                                                                         |
| 208313             | 13485            | " " " " Lifter                                                                                                            |
| 200653C            | 13485            | " " " " Hinge Screw                                                                                                       |
| 208555             | 13484            | " " " " Lifting Bracket with 200054E                                                                                      |
| 200975F            | 13485            | Presser Bar Lifting Bracket Guide Screw                                                                                   |
| 200054E            | 13484            | " " " " " Pinch Screw                                                                                                     |
| 208556             | 13485            | " " " " Spring                                                                                                            |
| 200494H            | 13485            | " " " " Thumb Screw (pressure regulating)                                                                                 |
| 200475H            | 13485            | Presser Bar Thumb Screw Thumb Set Screw                                                                                   |
| 202355             | 13485            | " " " " " " " " " Packing (brass)                                                                                         |
| 202397             | 13484            | Take-up (auxiliary)                                                                                                       |
| 200842E            | 13484            | " " " " " Screw                                                                                                           |
| 202398             | 13484            | " " " " " Lever                                                                                                           |
| 208557             | 13484            | " " " " " Driving Stud with 202277                                                                                        |
| 202277             | 13484            | " " " " " Oil Packing (wick)                                                                                              |
| 202400             | 13484            | Take-up Lever Hinge Stud with 202423                                                                                      |
| 202423             | 13484            | " " " " " Oil Packing (wick)                                                                                              |

| No.      | Plate | Name                                                                                             |
|----------|-------|--------------------------------------------------------------------------------------------------|
| 200383C  | 13484 | Take-up Lever Hinge Stud Set Screw                                                               |
| 208558   | 13484 | " " Oil Guard with 223655<br>and 224572                                                          |
| 200161H  | 13484 | Take-up Lever Oil Guard Screw                                                                    |
| 208568   | 13485 | " " " Leader                                                                                     |
| 202254   | 13485 | " " " Packing (wick)                                                                             |
| 223655   | 13484 | " " Oiling Felt                                                                                  |
| 224572   | 13484 | " " " Rivet                                                                                      |
| 200040H  | 13490 | Tape Reel Bracket Screw (2)                                                                      |
| 244048   | 13486 | Tension Disc (back)                                                                              |
| 244049   | 13486 | " " (front)                                                                                      |
| 202404   | 13485 | " Release Plunger                                                                                |
| 233629   | 13485 | " " Slide                                                                                        |
| 208560   | 13485 | " " " Spring                                                                                     |
| 244061   | 13486 | " " Washer                                                                                       |
| 202407   | 13486 | " Spring                                                                                         |
| 263106   | 13486 | " " Washer                                                                                       |
| 200625F  | 13486 | " Stud with 204925                                                                               |
| 200061C  | 13486 | " " Set Screw                                                                                    |
| 204925   | 13486 | " " Washer                                                                                       |
| 201572H  | 13486 | " Thumb Nut                                                                                      |
| 244062   | 13486 | Tension complete, Nos. 200625F, 201572H,<br>202407, 202410, 244048, 244049, 244061<br>and 263106 |
| 202410   | 13486 | Thread Controller Spring                                                                         |
| 241443   | 13486 | " " " Stop                                                                                       |
| 200132E  | 13486 | " " " " Screw                                                                                    |
| 208574   | 13486 | " Guide                                                                                          |
| 202412   | 13481 | " " "                                                                                            |
| 202415   | 13486 | " " "                                                                                            |
| 208569   | 13486 | " " "                                                                                            |
| 200582H  | 13486 | " " Screw                                                                                        |
| 200397H  | 13486 | " " Set Screw                                                                                    |
| 202091   | 13486 | " Retainer Sleeve                                                                                |
| 202092   | 13486 | " " Spring                                                                                       |
| 204058   | 13486 | " " Stud                                                                                         |
| 200366H  | 13486 | " " " Set Screw                                                                                  |
| 204059   | 13486 | Thread Retainer complete, Nos. 202091,<br>202092 and 204058                                      |
| 224707   | 13487 | Throat Plate                                                                                     |
| 200577AL | 13487 | " " " Screw (2)                                                                                  |
| 208562   | 13484 | Vibrating Presser Bar                                                                            |
| 208563   | 13484 | " " " Connecting Link                                                                            |
| 202277   | 13484 | " " " Oil Packing<br>(wick)                                                                      |
| 224708   | 13489 | Vibrating Presser Foot, 46 needle hole,<br>with 201015F                                          |
| 201015F  | 13489 | Vibrating Presser Foot Pinch Screw                                                               |

## ACCESSORIES

| No.    | Plate | Name                                 |
|--------|-------|--------------------------------------|
| 202265 | 13491 | Bobbin (5)                           |
| 228476 | 13490 | Screw Driver (Bobbin Case)           |
| 51078  | 13490 | Machine Bolt (4)                     |
| 6055   | 13490 | " " Washer (4)                       |
| 135x1  | ----- | Needles, three each, sizes 12 and 14 |
| 120342 | 13490 | Oiler with 120343                    |
| 120343 | 13490 | " Spout, 3-1/2 in. long              |
| 225498 | 13490 | Screw Driver (7-1/4 in. long)        |
| 225554 | 13490 | Wrench (steel)                       |

## BOBBIN WINDER

(SWINGING AUTOMATIC, RIGHT HAND)

FOR 5/16" ROUND BELT DRIVE

|         |       |                                                                                          |
|---------|-------|------------------------------------------------------------------------------------------|
| 259428  | 16615 | Brake (leather)                                                                          |
| 259429  | 16615 | " Clamp                                                                                  |
| 200113F | 16615 | " " Screw                                                                                |
| 225453  | 16615 | Frame with 202277 and 259660                                                             |
| 225454  | 16615 | " Hinge Pin                                                                              |
| 202277  | 16615 | " Oil Packing (wick)                                                                     |
| 259660  | 16615 | " Well Washer                                                                            |
| 225455  | 16615 | " Spring                                                                                 |
| 225456  | 16615 | " " Plunger                                                                              |
| 225368  | 16615 | Pulley with 200380C                                                                      |
| 200380C | 16615 | " Set Screw                                                                              |
| 225381  | 16615 | Spindle                                                                                  |
| 225444  | 16615 | Stop Latch                                                                               |
| 200056E | 16615 | " " Screw                                                                                |
| 225458  | 16615 | " " Thumb Lever                                                                          |
| 225459  | 16615 | " " " Hinge Stud                                                                         |
| 225459  | 16615 | " " " Joint Stud                                                                         |
| 202478  | 16615 | " " Trip Lever                                                                           |
| 200299H | 16615 | " " " Hinge Screw                                                                        |
| 225461  | 16615 | Tension Bracket with 201499H                                                             |
| 200082D | 16615 | " " Screw                                                                                |
| 228026  | 16615 | " " " Washer                                                                             |
| 2102    | 16615 | " Disc                                                                                   |
| 13710   | 16615 | " Spring                                                                                 |
| 201499H | 16615 | " Stud                                                                                   |
| 201572H | 16615 | " " Thumb Nut                                                                            |
| 225462  | 16615 | Bobbin Winder Tension Bracket com-<br>plete, Nos. 13710, 201572H, 225461 and<br>two 2102 |

## ACCESSORIES

| No.    | Plate | Name                                                                                                                                                                                                                                          |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 259430 | 16615 | Bobbin Winder and Tension Bracket Base                                                                                                                                                                                                        |
| 259431 | 16615 | Universal Bobbin Winder complete, Nos.<br>200056E, 200082D, 200113F, 200299H,<br>202478, 225368, 225381, 225444, 225453<br>to 225456, 225458, 225462, 228026,<br>259428 to 259430, two each 225459 and<br>wood screws 3/4 in., No. 12, R.H.B. |

## TAPE REEL

|        |       |                                                             |
|--------|-------|-------------------------------------------------------------|
| 226200 | 13490 | Tape Reel (6 in. diam.) with 225666                         |
| 224717 | 13490 | " " Bracket                                                 |
| 230471 | 13490 | " " Hub                                                     |
| 225666 | 13490 | " " " 230471 with 225980                                    |
| 225980 | 13490 | " " " Base                                                  |
| 224718 | 13490 | Tape Reel (6 in. diam.) complete, Nos.<br>224717 and 226200 |

## TREADLE, SINGLE FOOT (Right)

|         |       |                                                                 |
|---------|-------|-----------------------------------------------------------------|
| 228424  | 13490 | Treadle with 200526C                                            |
| 228425  | 13490 | " Chain, 38 in. long with 202784                                |
| 202784  | 13490 | " " Hook                                                        |
| 200526C | 13490 | " Set Screw                                                     |
| 228426  | 13490 | " Shaft                                                         |
| 228427  | 13490 | " Spring                                                        |
| 228428  | 13490 | " Stand with two wood screws 7/8<br>in., No. 12                 |
| 228429  | 13490 | Treadle, single foot (right) complete,<br>Nos. 228424 to 228428 |

## BINDERS

| No.     | Plate | Name                                                                                                                                                                                                                        |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 230251  | 13488 | Binder Head Clamp Washer                                                                                                                                                                                                    |
| 350255E | 13488 | " " Screw Stud                                                                                                                                                                                                              |
| 201562H | 13488 | " " Thumb Nut                                                                                                                                                                                                               |
| 224738  | 13488 | " Swing Base with two 350255E                                                                                                                                                                                               |
| 200247F | 13488 | " " " Hinge Screw                                                                                                                                                                                                           |
| 201531E | 13488 | " " " " Nut                                                                                                                                                                                                                 |
| 225708  | 13488 | " " " Spring                                                                                                                                                                                                                |
| 208329  | 13488 | " Tape Guide, for tapes or folded<br>strips from 3/8 to 3/4 in., in steps<br>of 1/32 inch                                                                                                                                   |
| 224725  | 13488 | Binder Tape Guide, for 5/16 and 11/32<br>in. tapes or folded strips                                                                                                                                                         |
| 200907B | 13488 | Binder Tape Guide Screw                                                                                                                                                                                                     |
| 228999  | 13488 | " " Tension Pin                                                                                                                                                                                                             |
| 224716  | 13488 | " " " Plate with seven<br>228999                                                                                                                                                                                            |
| 224710  | 13488 | Binder Head, .025 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 inch                                                                                                                 |
| 224719  | 13488 | Binder complete, .025 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224710, 224716,<br>224738, 225708, 230251, two each 200907B<br>and 201562H |
| 224711  | 13488 | Binder Head, .030 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 inch                                                                                                                 |
| 224720  | 13488 | Binder complete, .030 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224711,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224712  | 13488 | Binder Head, .035 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 inch                                                                                                                 |
| 224721  | 13488 | Binder complete, .035 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224712,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224726  | 13488 | Binder complete, .025 in. opening, for<br>5/16 and 11/32 in. tapes or folded<br>strips, Nos. 200247F, 201531E, 224710,<br>224716, 224725, 224738, 225708, 230251,<br>two each 200907B and 201562H                           |

## BINDERS

| No.    | Plate | Name                                                                                                                                                                                                         |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 224727 | 13488 | Binder complete, .030 in. opening, for 5/16 and 11/32 in. tapes or folded strips, Nos. 200247F, 201531E, 224711, 224716, 224725, 224738, 225708, 230251, two each 200907B and 201562H                        |
| 224728 | 13488 | Binder complete, .035 in. opening, for 5/16 and 11/32 in. tapes or folded strips, Nos. 200247F, 201531E, 224712, 224716, 224725, 224738, 225708, 230251, two each 200907B and 201562H                        |
| 224729 | 13488 | Binder complete, .040 in. opening, for 5/16 and 11/32 in. tapes or folded strips, Nos. 200247F, 201531E, 224713, 224716, 224725, 224738, 225708, 230251, two each 200907B and 201562H                        |
| 224730 | 13488 | Binder complete, .045 in. opening, for 5/16 and 11/32 in. tapes or folded strips, Nos. 200247F, 201531E, 224714, 224716, 224725, 224738, 225708, 230251, two each 200907B and 201562H                        |
| 224713 | 13488 | Binder Head, .040 in. opening, for tapes or folded strips from 5/16 to 3/4 in., in steps of 1/32 inch                                                                                                        |
| 224722 | 13488 | Binder complete, .040 in. opening, for tapes or folded strips from 3/8 to 3/4 in., in steps of 1/32 in., Nos. 200247F, 201531E, 208329, 224713, 224716, 224738, 225708, 230251, two each 200907B and 201562H |
| 224714 | 13488 | Binder Head, .045 in. opening, for tapes or folded strips from 5/16 to 3/4 in., in steps of 1/32 inch                                                                                                        |
| 224723 | 13488 | Binder complete, .045 in. opening, for tapes or folded strips from 3/8 to 3/4 in., in steps of 1/32 in., Nos. 200247F, 201531E, 208329, 224714, 224716, 224738, 225708, 230251, two each 200907B and 201562H |

## OBSOLETE PARTS

|        |       |                                                               |
|--------|-------|---------------------------------------------------------------|
| 202530 | ----- | Arm Shaft Connection Bolt                                     |
| 202252 | ----- | " " " " Pulley with 200327C, 200602C and two 202253           |
| 202323 | ----- | Hook Shaft Connection Bolt Pulley with 202324 and two 201018C |
| 206751 | ----- | Hook Washer                                                   |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                     |
|---------|-------|--------------------------------------------------------------------------|
| 462AL   | 13491 | Hook Set Screw, for 247789                                               |
| 2102    | 16615 | Bobbin Winder Tension Disc, for 225462                                   |
| 6055    | 13490 | Machine Bolt Washer                                                      |
| 13710   | 16615 | Bobbin Winder Tension Spring, for 225462                                 |
| 45761   | 13491 | Hook Washer, for 247790                                                  |
| 51078   | 13490 | Machine Bolt                                                             |
| 120342  | 13490 | Oiler with 120343                                                        |
| 120343  | 13490 | " Spout, 3-1/2 in. long, for 120342                                      |
| 200010E | 13487 | Arm Screw                                                                |
| 200040H | 13490 | Tape Reel Bracket Screw                                                  |
| 200054E | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Plate Screw              |
| 200054E | 13482 | Needle Plate Slide Plate Screw                                           |
| 200054E | 13484 | Presser Bar Lifting Bracket Pinch Screw, for 208555                      |
| 200056E | 16615 | Bobbin Winder Stop Latch Screw, for 259431                               |
| 200061C | 13486 | Tension Stud Set Screw                                                   |
| 200074F | 13485 | Lifting Presser Foot Screw, for 208566                                   |
| 200079H | 13481 | Arm Cap Spool Holder Wire Hinge Screw, for 203090                        |
| 200082D | 16615 | Bobbin Winder Tension Bracket Screw, for 259431                          |
| 200086C | 13484 | Needle Bar Connecting Stud Pinch Screw, for 208552                       |
| 200113F | 16615 | Bobbin Winder Brake Clamp Screw, for 259431                              |
| 200132E | 13486 | Thread Controller Spring Stop Screw                                      |
| 200141F | 13484 | Needle Set Screw, for 208526                                             |
| 200145C | 13491 | Hook Washer Screw, for 247790                                            |
| 200161H | 13484 | Take-up Lever Oil Guard Screw                                            |
| 200247F | 13488 | Binder Swing Base Hinge Screw, for 224719 to 224723 and 224726 to 224730 |
| 200262H | 13487 | Foot Lifter Lifting Lever Hinge Screw                                    |
| 200276H | 13481 | Arm Cap Screw                                                            |
| 200299H | 16615 | Bobbin Winder Stop Latch Trip Lever Hinge Screw, for 259431              |
| 200327C | 13482 | Arm Shaft Connection Belt Pulley Set Screw, for 202252 and 224514        |
| 200328C | 13481 | Balance Wheel Position Screw, for 244063                                 |
| 200335C | 13481 | Arm Shaft Counter Balance Set Screw, for 208573                          |
| 200335C | 13481 | Balance Wheel Set Screw, for 244063                                      |
| 200335C | 13484 | Needle Bar Crank Set Screw, for 208553                                   |
| 200338C | 13481 | Arm Shaft Bushing (back) Set Screw                                       |
| 200338C | 13481 | " " " (front) Set Screw                                                  |
| 200346C | 13482 | Hook Shaft Bushing (back) Set Screw                                      |
| 200346C | 13482 | " " " (front) Set Screw                                                  |
| 200352C | 13485 | Presser Bar Bushing Set Screw                                            |

| No.      | Plate | Name                                                                                          |
|----------|-------|-----------------------------------------------------------------------------------------------|
| 200362C  | 13487 | Feed Driving Connection Stud Set Screw, for 208549                                            |
| 200366H  | 13486 | Thread Retainer Stud Set Screw                                                                |
| 200374C  | 13484 | Lifting Bell Crank Driving Crank Set Screw, for 208553                                        |
| 200380C  | 16615 | Bobbin Winder Pulley Set Screw, for 225368                                                    |
| 200383C  | 13482 | Feed Driving Eccentric Regulating Screw Check Screw                                           |
| 200383C  | 13484 | Take-up Lever Hinge Stud Set Screw                                                            |
| 200397H  | 13486 | Thread Guide Set Screw                                                                        |
| 200428C  | 13484 | Needle Bar Crank Position Screw, for 208553                                                   |
| 200429F  | 13482 | Feed Driving Eccentric Regulating Screw                                                       |
| 200462H  | 13487 | Face Plate Thumb Screw                                                                        |
| 200475H  | 13485 | Presser Bar Thumb Screw Thumb Set Screw                                                       |
| 200494H  | 13485 | " " " (pressure regulating)                                                                   |
| 200502H  | 13481 | Arm Shaft Bushing (front) Oil Packing Thumb Screw                                             |
| 200526C  | 13490 | Treadle Set Screw, for 228424                                                                 |
| 200577AL | 13488 | Binder Tape Tension Plate Screw                                                               |
| 200577AL | 13487 | Throat Plate Screw                                                                            |
| 200582H  | 13486 | Thread Guide Screw                                                                            |
| 200585H  | 13481 | Arm Cap Spool Holder Base Screw, for 203092                                                   |
| 200594C  | 13491 | Bobbin Case Tension Spring Screw, for 202533                                                  |
| 200596F  | 13491 | Hook Gib Screw, for 247790                                                                    |
| 200602C  | 13482 | Arm Shaft Connection Belt Pulley Position Screw, for 202252 and 224514                        |
| 200607C  | 13482 | Feed Driving Eccentric Regulating Bracket Plunger Spring Stop Screw                           |
| 200614C  | 13491 | Hook Gib Hinge Screw, for 247790                                                              |
| 200625F  | 13486 | Tension Stud with 204925, for 244062                                                          |
| 200653C  | 13485 | Presser Bar Lifter Hinge Screw                                                                |
| 200842E  | 13484 | Take-up (auxiliary) Screw                                                                     |
| 200907B  | 13488 | Binder Tape Guide Screw, for 224719 to 224723 and 224726 to 224730                            |
| 200975F  | 13485 | Presser Bar Lifting Bracket Guide Screw                                                       |
| 200984C  | 13491 | Bobbin Case Tension Spring Regulating Screw, for 202533                                       |
| 200996C  | 13484 | Lifting Bell Crank Stop Screw, for 208582                                                     |
| 200997C  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Bushing Position Screw, for 208549 |
| 200998C  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud                                    |
| 201012C  | 13484 | Lifting Bell Crank Driving Crank Position Screw, for 208553                                   |
| 201014C  | 13482 | Feed Driving Eccentric Regulating Bracket Hinge Screw, for 224515                             |
| 201014C  | 13482 | Feed Driving Eccentric Regulating Bracket Stop Screw, for 224515                              |

| No.     | Plate | Name                                                                           |
|---------|-------|--------------------------------------------------------------------------------|
| 201015F | 13489 | Vibrating Presser Foot Pinch Screw, for 224708                                 |
| 201018C | 13482 | Hook Shaft Connection Belt Pulley Set Screw, for 202323 and 224516             |
| 201387F | 13489 | Needle Plate Screw                                                             |
| 201499H | 16615 | Bobbin Winder Tension Stud, for 225461                                         |
| 201525E | 13482 | Feed Driving Eccentric Regulating Bracket Hinge Screw Nut, for 224515          |
| 201525E | 13482 | Feed Driving Eccentric Regulating Bracket Stop Screw Nut, for 224515           |
| 201531E | 13488 | Binder Swing Base Hinge Screw Nut, for 224719 to 224723 and 224726 to 224730   |
| 201562  | 13488 | Binder Head Thumb Nut, for 224719 to 224723 and 224726 to 224730               |
| 201572H | 16615 | Bobbin Winder Tension Stud Thumb Nut, for 225462                               |
| 201572H | 13486 | Tension Thumb Nut, for 244062                                                  |
| 202005  | 13487 | Arm Screw Washer                                                               |
| *202056 | ----- | Bobbin Case Latch Pin, for 202533                                              |
| 202091  | 13486 | Thread Retainer Sleeve, for 204059                                             |
| 202092  | 13486 | " " Spring, for 204059                                                         |
| 202135  | 13487 | Face Plate Position Pin, for 208521                                            |
| 202244  | 13481 | Arm Shaft Bushing (back) Oil Packing (wick), for 240802                        |
| 202244  | 13481 | Arm Shaft Bushing (front) Oil Packing (wick), for 207080                       |
| 202248  | 13481 | Arm Cap Screw Washer                                                           |
| 202252  | ----- | " Shaft Connection Belt Pulley with 200327C, 200602C and two 202253 (obsolete) |
| 202253  | 13482 | Arm Shaft Connection Belt Pulley Spring Flange, for 202252 and 224514          |
| 202254  | 13485 | Take-up Lever Oil Leader Packing (wick)                                        |
| 202265  | 13491 | Bobbin                                                                         |
| 202267  | 13491 | " Case Latch, for 202533                                                       |
| 202269  | 13491 | " " Plunger, for 202533                                                        |
| 202270  | 13491 | " " Spring, for 202533                                                         |
| 202277  | 16615 | " Winder Frame Oil Packing (wick), for 225453                                  |
| 202277  | 13482 | Feed Driving Connection Oil Packing (wick), for 208538                         |
| 202277  | 13484 | Lifting Bell Crank Driving Crank Oil Packing (wick)                            |
| 202277  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Oil Packing (wick)  |
| 202277  | 13484 | Take-up Lever Driving Stud Oil Packing (wick), for 208557                      |
| 202277  | 13484 | Vibrating Presser Bar Oil Packing (wick)                                       |
| 202301  | 13482 | Feed Driving Eccentric Regulating Bracket Plunger                              |

| No.     | Plate | Name                                                                                                       |
|---------|-------|------------------------------------------------------------------------------------------------------------|
| *202311 | ----- | Feed Regulating Spindle Head, for 208540                                                                   |
| 202321  | 13482 | Hook Shaft Bushing (back)                                                                                  |
| 202322  | 13482 | " " " (front)                                                                                              |
| 202323  | ----- | " " Connection Belt Pulley with 202324 and two 201018C (obsolete)                                          |
| 202324  | 13482 | Hook Shaft Connection Belt Pulley Spring Flange, for 202323 and 224516                                     |
| 202330  | 13484 | Needle Bar Connecting Stud Oil Packing (wick), for 208552                                                  |
| 202355  | 13485 | Presser Bar Thumb Screw Thumb Set Screw Packing (brass)                                                    |
| 202397  | 13484 | Take-up (auxiliary)                                                                                        |
| 202398  | 13484 | " Lever, for 208582                                                                                        |
| 202400  | 13484 | " " Hinge Stud with 202423, for 208582                                                                     |
| 202404  | 13485 | Tension Release Plunger                                                                                    |
| 202407  | 13486 | " Spring, for 244062                                                                                       |
| 202410  | 13486 | Thread Controller Spring, for 244062                                                                       |
| 202412  | 13481 | " Guide                                                                                                    |
| 202415  | 13486 | " "                                                                                                        |
| 202423  | 13484 | Take-up Lever Hinge Stud Oil Packing (wick), for 202400                                                    |
| 202443  | 13481 | Feed Regulating Spindle Head Pin, for 208540                                                               |
| 202478  | 16615 | Bobbin Winder Stop Latch Trip Lever, for 259431                                                            |
| 202530  | ----- | Arm Shaft Connection Belt (obsolete)                                                                       |
| 202533  | 13491 | Bobbin Case complete, Nos. 200594C, 200984C, 202056, 202267, 202269, 202270, 202716 and 202806, for 247791 |
| 202595  | 13482 | Feed Driving Eccentric Regulating Bracket Plunger Spring                                                   |
| 202619  | 13481 | Feed Regulating Spindle Head Position Pin, for 208540                                                      |
| 202716  | 13491 | Bobbin Case Tension Spring, for 202533                                                                     |
| 202784  | 13490 | Treadle Chain Hook, for 228425                                                                             |
| *202806 | ----- | Bobbin Case, for 202533                                                                                    |
| 203089  | 13481 | Arm Cap Spool Holder Base, for 203090                                                                      |
| 203090  | 13481 | " " " " " 203089 with 200079H and 204296, for 203092                                                       |
| 203091  | 13481 | Arm Cap, for 203092                                                                                        |
| 203092  | 13481 | Arm Cap and Spool Holder complete, Nos. 203090, 203091 and 200585H                                         |
| 203101  | 13491 | Hook Oil Wick, for 247790                                                                                  |
| 203172  | 13484 | Needle Bar Crank Friction Washer                                                                           |
| 204058  | 13486 | Thread Retainer Stud, for 204059                                                                           |
| 204059  | 13486 | Thread Retainer complete, Nos. 202091, 202092 and 204058                                                   |
| 204235  | 13487 | Arm Position Pin                                                                                           |
| 204296  | 13481 | " Cap Spool Holder Wire, for 203090                                                                        |
| 204925  | 13486 | Tension Stud Washer, for 200625F                                                                           |

| No.     | Plate | Name                                                                                                                        |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------|
| 206751  | ----- | Hook Washer (obsolete)                                                                                                      |
| 206852  | 13491 | " Gib, for 247790                                                                                                           |
| 207080  | 13481 | Arm Shaft Bushing (front) with 202244                                                                                       |
| 208313  | 13485 | Presser Bar Lifter                                                                                                          |
| 208329  | 13488 | Binder Tape Guide, for tapes or folded strips from 3/8 to 3/4 in., in steps of 1/32 in., for 224719 to 224723               |
| 208331  | 13482 | Feed Driving Eccentric Regulating Bracket, for 224515                                                                       |
| *208521 | ----- | Arm with 202135                                                                                                             |
| 208523  | 13481 | " Shaft                                                                                                                     |
| 208526  | 13484 | Needle Bar with 200141F                                                                                                     |
| 208535  | 13487 | Face Plate                                                                                                                  |
| 208538  | 13482 | Feed Driving Connection (bronze) with 202277                                                                                |
| 208539  | 13482 | Feed Driving Connection Stud (eccentric) with 224530                                                                        |
| 208540  | 13481 | Feed Regulating Spindle with 202311, 202443 and 202619<br>Nos. 208545 to 208547, for 208582                                 |
| 208545  | 13484 | Lifting Bell Crank                                                                                                          |
| 208546  | 13484 | " " " Driving Crank                                                                                                         |
| 208547  | 13484 | " " " " Link                                                                                                                |
| 208549  | 13487 | Needle Bar and Needle Plate Carrier Frame with 200362C, 200917C and 208550                                                  |
| 208550  | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw Stud Bushing (split), for 208549<br>Nos. 208551 to 208553, for 208582 |
| 208551  | 13484 | Needle Bar Connecting Link                                                                                                  |
| 208552  | 13484 | " " " Stud with 200086C and 202330                                                                                          |
| 208553  | 13484 | Needle Bar Crank with 200335C, 200374C, 200428C and 201012C                                                                 |
| 208555  | 13484 | Presser Bar Lifting Bracket with 200054E, for 208582                                                                        |
| 208556  | 13485 | Presser Bar Spring                                                                                                          |
| 208557  | 13484 | Take-up Lever Driving Stud with 202277, for 208582                                                                          |
| 208558  | 13484 | Take-up Lever Oil Guard with 223655 and 224572                                                                              |
| 208560  | 13485 | Tension Release Slide Spring                                                                                                |
| 208562  | 13484 | Vibrating Presser Bar, for 208582                                                                                           |
| 208563  | 13484 | " " " Connecting Link, for 208582                                                                                           |
| 208566  | 13485 | Presser Bar with 200074F                                                                                                    |
| 208567  | 13485 | " " Bushing                                                                                                                 |
| 208568  | 13485 | Take-up Lever Oil Leader                                                                                                    |
| 208569  | 13486 | Thread Guide                                                                                                                |
| 208573  | 13481 | Arm Shaft Counter Balance with 200335C                                                                                      |
| 208574  | 13486 | Thread Guide                                                                                                                |
| 208582  | 13484 | Needle Bar Crank 208553 with 200996C, 202398, 202400, 208545 to 208547, 208551, 208552, 208555, 208557, 208562 and 208563   |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                                                                                 |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------|
| 210983  | 13487 | Needle Bar and Needle Plate Carrier<br>Frame Hinge Plate Position Pin                                                                |
| 223655  | 13484 | Take-up Lever Oiling Felt, for 208558                                                                                                |
| 224392  | 13482 | Hook Shaft Oil Packing (wick)                                                                                                        |
| 224513  | 13482 | Arm Shaft Connection Belt                                                                                                            |
| 224514  | 13482 | " " " " Pulley with<br>200327C, 200602C and two 202253, for<br>224515                                                                |
| 224515  | 13482 | Feed Driving Eccentric Regulating<br>Bracket 208331 with 224514, two each<br>201014C and 201525E                                     |
| 224516  | 13482 | Hook Shaft Connection Belt Pulley with<br>202324 and two 201018C                                                                     |
| 224527  | 13482 | Oil Leader (brass) (for back hook<br>shaft bearing)                                                                                  |
| 224530  | 13482 | Feed Driving Connection Stud Oil Pack-<br>ing (wick), for 208539                                                                     |
| 224572  | 13484 | Take-up Lever Oiling Felt Rivet, for<br>208558                                                                                       |
| *224701 | ----- | Bed (cylinder)                                                                                                                       |
| 224702  | 13487 | " " End Cover                                                                                                                        |
| 224703  | 13489 | Lifting Presser Foot, for 224708                                                                                                     |
| 224704  | 13489 | Needle Plate, 50 needle hole, for needle<br>sizes 14 and 15, for 224707                                                              |
| 224705  | 13482 | Needle Plate Slide Plate (adjustable)                                                                                                |
| 224707  | 13487 | Throat Plate, for 224704                                                                                                             |
| 224708  | 13489 | Vibrating Presser Foot, 46 needle hole,<br>with 201015F, for 224703                                                                  |
| 224709  | 13487 | Foot Lifter Lifting Lever                                                                                                            |
| 224710  | 13488 | Binder Head, .025 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 in., for 224719<br>and 224726 |
| 224711  | 13488 | Binder Head, .030 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 in., for 224720<br>and 224727 |
| 224712  | 13488 | Binder Head, .035 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 in., for 224721<br>and 224728 |
| 224713  | 13488 | Binder Head, .040 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 in., for 224722<br>and 224729 |
| 224714  | 13488 | Binder Head, .045 in. opening, for tapes<br>or folded strips from 5/16 to 3/4<br>in., in steps of 1/32 in., for 224723<br>and 224730 |
| 224716  | 13488 | Binder Tape Tension Plate with seven<br>228999, for 224719 to 224723 and<br>224726 to 224730                                         |
| 224717  | 13490 | Tape Reel Bracket, for 224718                                                                                                        |
| 224718  | 13490 | Tape Reel (6 in. diam.) complete, Nos.<br>224717 and 226200                                                                          |

## NUMERICAL LIST OF PARTS

| No.    | Plate | Name                                                                                                                                                                                                                        |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 224719 | 13488 | Binder complete, .025 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224710,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224720 | 13488 | Binder complete, .030 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224711,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224721 | 13488 | Binder complete, .035 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224712, 224716,<br>224738, 225708, 230251, two each<br>200907B and 201562H |
| 224722 | 13488 | Binder complete, .040 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224713,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224723 | 13488 | Binder complete, .045 in. opening, for<br>tapes or folded strips from 3/8 to<br>3/4 in., in steps of 1/32 in., Nos.<br>200247F, 201531E, 208329, 224714,<br>224716, 224738, 225708, 230251, two each<br>200907B and 201562H |
| 224725 | 13488 | Binder Tape Guide, for 5/16 and 11/32<br>in. tapes or folded strips, for 224726<br>to 224730                                                                                                                                |
| 224726 | 13488 | Binder complete, .025 in. opening, for<br>5/16 and 11/32 in. tapes or folded<br>strips, Nos. 200247F, 201531E, 224710,<br>224716, 224725, 224738, 225708, 230251,<br>two each 200907B and 201562H                           |
| 224727 | 13488 | Binder complete, .030 in. opening, for<br>5/16 and 11/32 in. tapes or folded<br>strips, Nos. 200247F, 201531E, 224711,<br>224716, 224725, 224738, 225708, 230251,<br>two each 200907B and 201562H                           |
| 224728 | 13488 | Binder complete, .035 in. opening, for<br>5/16 and 11/32 in. tapes or folded<br>strips, Nos. 200247F, 201531E, 224712,<br>224716, 224725, 224738, 225708, 230251,<br>two each 200907B and 201562H                           |
| 224729 | 13488 | Binder complete, .040 in. opening, for<br>5/16 and 11/32 in. tapes or folded<br>strips, Nos. 200247F, 201531E, 224713,<br>224716, 224725, 224738, 225708, 230251,<br>two each 200907B and 201562H                           |

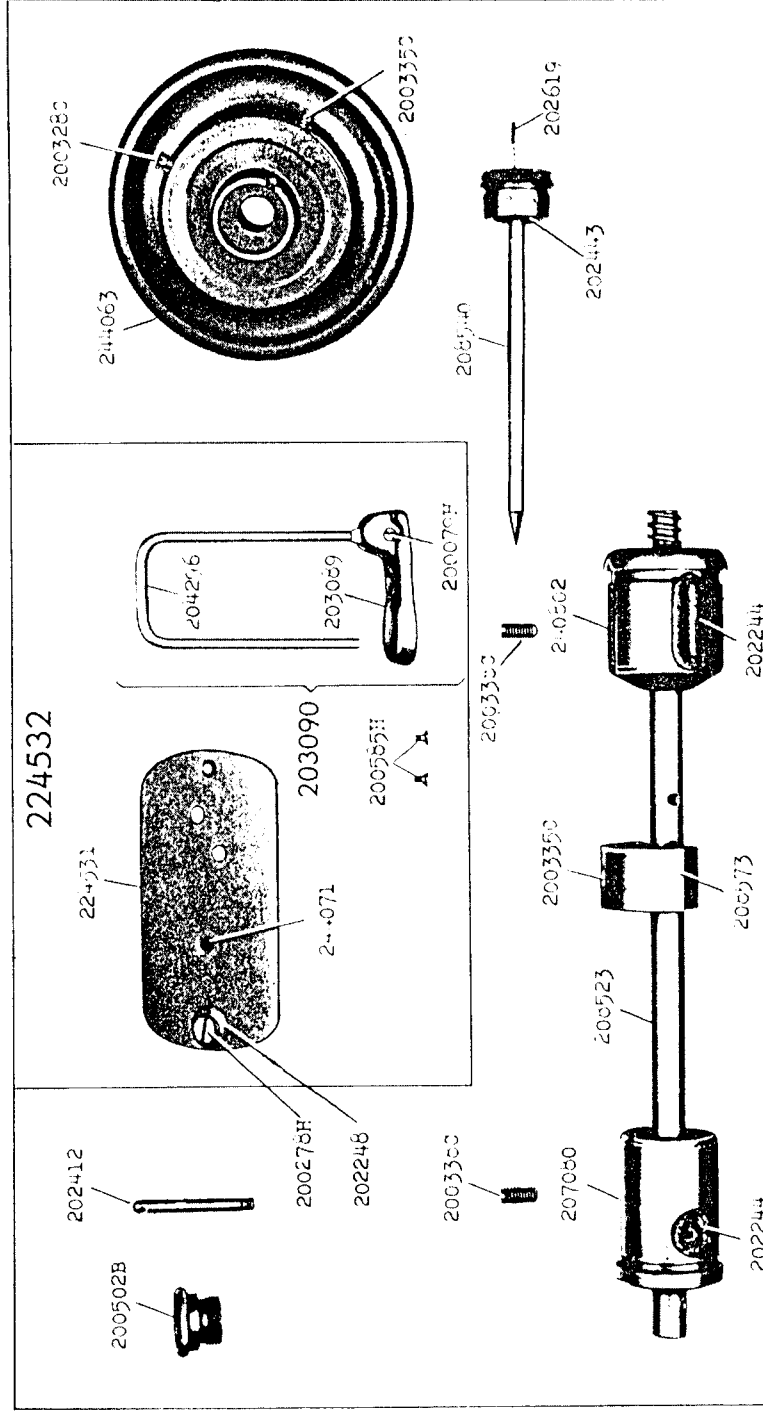
## NUMERICAL LIST OF PARTS

| No.    | Plate | Name                                                                                                                                                                                  |
|--------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 224730 | 13488 | Binder complete, .045 in. opening, for 5/16 and 11/32 in. tapes or folded strips, Nos. 200247F, 201531E, 224714, 224716, 224725, 224738, 225708, 230251, two each 200907B and 201562H |
| 224738 | 13488 | Binder Swing Base with two 350255E, for 224719 to 224723 and 224726 to 224730                                                                                                         |
| 224741 | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Plate                                                                                                                                 |
| 225368 | 16615 | Bobbin Winder Pulley with 200380C, for 259431                                                                                                                                         |
| 225381 | 16615 | Bobbin Winder Spindle, for 259431                                                                                                                                                     |
| 225444 | 16615 | " " Stop Latch, for 259431                                                                                                                                                            |
| 225453 | 16615 | Nos. 225453 to 225456, for 259431                                                                                                                                                     |
|        |       | Bobbin Winder Frame with 202277 and 259660                                                                                                                                            |
| 225454 | 16615 | Bobbin Winder Frame Hinge Pin                                                                                                                                                         |
| 225455 | 16615 | " " " Spring                                                                                                                                                                          |
| 225456 | 16615 | " " " Plunger                                                                                                                                                                         |
| 225458 | 16615 | " " Stop Latch Thumb Lever, for 259431                                                                                                                                                |
| 225459 | 16615 | Bobbin Winder Stop Latch Thumb Lever Hinge Stud, for 259431                                                                                                                           |
| 225459 | 16615 | Bobbin Winder Stop Latch Thumb Lever Joint Stud, for 259431                                                                                                                           |
| 225461 | 16615 | Bobbin Winder Tension Bracket with 201499H, for 225462                                                                                                                                |
| 225462 | 16615 | Bobbin Winder Tension Bracket complete, Nos. 13710, 201572H, 225461 and two 2102, for 259431                                                                                          |
| 225498 | 13490 | Screw Driver (7-1/4 in. long)                                                                                                                                                         |
| 225554 | 13490 | Wrench (steel)                                                                                                                                                                        |
| 225666 | 13490 | Tape Reel Hub 230471 with 225980, for 226200                                                                                                                                          |
| 225708 | 13488 | Binder Swing Base Spring, for 224719 to 224723 and 224726 to 224730                                                                                                                   |
| 225980 | 13490 | Tape Reel Hub Base, for 225666                                                                                                                                                        |
| 226200 | 13490 | " " (6 in. diam.) with 225666, for 224718                                                                                                                                             |
| 228026 | 16615 | Bobbin Winder Tension Bracket Screw Washer, for 259431                                                                                                                                |
|        |       | Nos. 228424 to 228428, for 228429                                                                                                                                                     |
| 228424 | 13490 | Treadle with 200526C, for 228429                                                                                                                                                      |
| 228425 | 13490 | " Chain, 38 in. long with two 202784                                                                                                                                                  |
| 228426 | 13490 | Treadle Shaft                                                                                                                                                                         |
| 228427 | 13490 | " Spring                                                                                                                                                                              |
| 228428 | 13490 | " Stand with two wood screws 7/8 in., No. 12                                                                                                                                          |
| 228429 | 13490 | Treadle, single foot (right) complete, Nos. 228424 to 228428                                                                                                                          |
| 228476 | 13490 | Screw Driver (Bobbin Case)                                                                                                                                                            |
| 228999 | 13488 | Binder Tape Tension Pin, for 224716                                                                                                                                                   |
| 230251 | 13488 | " Head Clamp Washer, for 224719 to 224723 and 224726 to 224730                                                                                                                        |

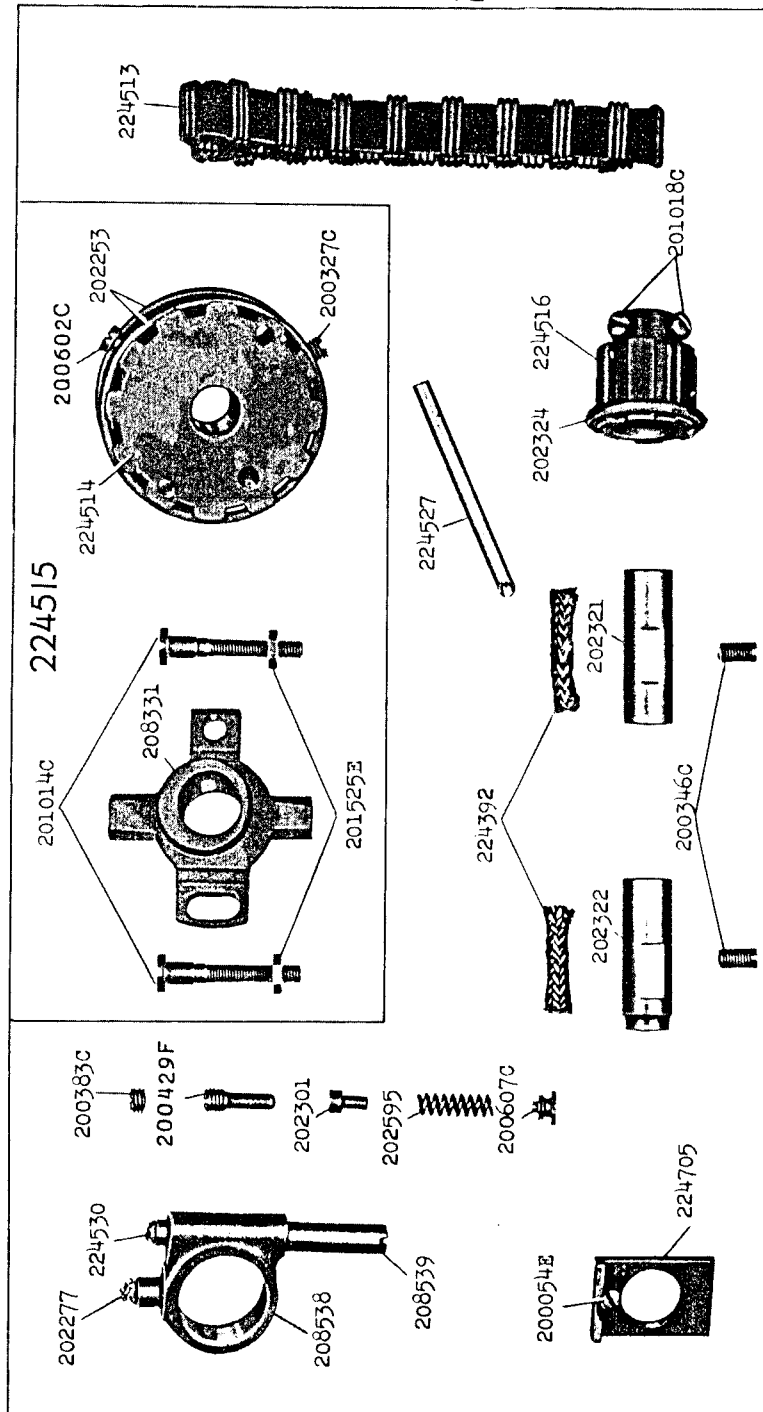
## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                                                                                                                                                                           |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 230471  | 13490 | Tape Reel Hub, for 225666                                                                                                                                                                                                      |
| 233629  | 13485 | Tension Release Slide                                                                                                                                                                                                          |
| 240802  | 13481 | Arm Shaft Bushing (back) with 202244                                                                                                                                                                                           |
| 241443  | 13486 | Thread Controller Spring Stop                                                                                                                                                                                                  |
| 244048  | 13486 | Tension Disc (back), for 244062                                                                                                                                                                                                |
| 244049  | 13486 | " " (front), for 244062                                                                                                                                                                                                        |
| 244061  | 13486 | " Release Washer, for 244062                                                                                                                                                                                                   |
| 244062  | 13486 | Tension complete, Nos. 200625F, 201572H, 202407, 202410, 244048, 244049, 244061 and 263106                                                                                                                                     |
| 244063  | 13481 | Balance Wheel (disc) (belt groove 2-1/8 in. diam.) with 200328C and 200335C                                                                                                                                                    |
| 244200  | 13491 | Hook Shaft                                                                                                                                                                                                                     |
| 247789  | ----- | " (sewing) with two 462AL, for 247790                                                                                                                                                                                          |
| 247790  | 13491 | Hook 247789 with 45761, 200145C, 200596F, 200614C, 203101 and 206852, for 247791                                                                                                                                               |
| 247791  | 13491 | Hook and Bobbin Case complete, Nos. 202533 and 247790                                                                                                                                                                          |
|         |       | Nos. 259428 to 259430, for 259431                                                                                                                                                                                              |
| 259428  | 16615 | Bobbin Winder Brake (leather)                                                                                                                                                                                                  |
| 259429  | 16615 | " " " Clamp                                                                                                                                                                                                                    |
| 259430  | 16615 | " " and Tension Bracket Base                                                                                                                                                                                                   |
| 259431  | 16615 | Universal Bobbin Winder complete, Nos. 200056E, 200082D, 200113F, 200299H, 202478, 225368, 225381, 225444, 225453 to 225456, 225458, 225462, 228026, 259428 to 259430, two each 225459 and wood screws 3/4 in., No. 12, R.H.B. |
| 259660  | 16615 | Bobbin Winder Frame Oil Well Washer, for 225453                                                                                                                                                                                |
| 263106  | 13486 | Tension Spring Washer, for 244062                                                                                                                                                                                              |
| 350255E | 13488 | Binder Head Screw Stud, for 224738                                                                                                                                                                                             |
| 350308C | 13487 | Needle Bar and Needle Plate Carrier Frame Hinge Screw                                                                                                                                                                          |

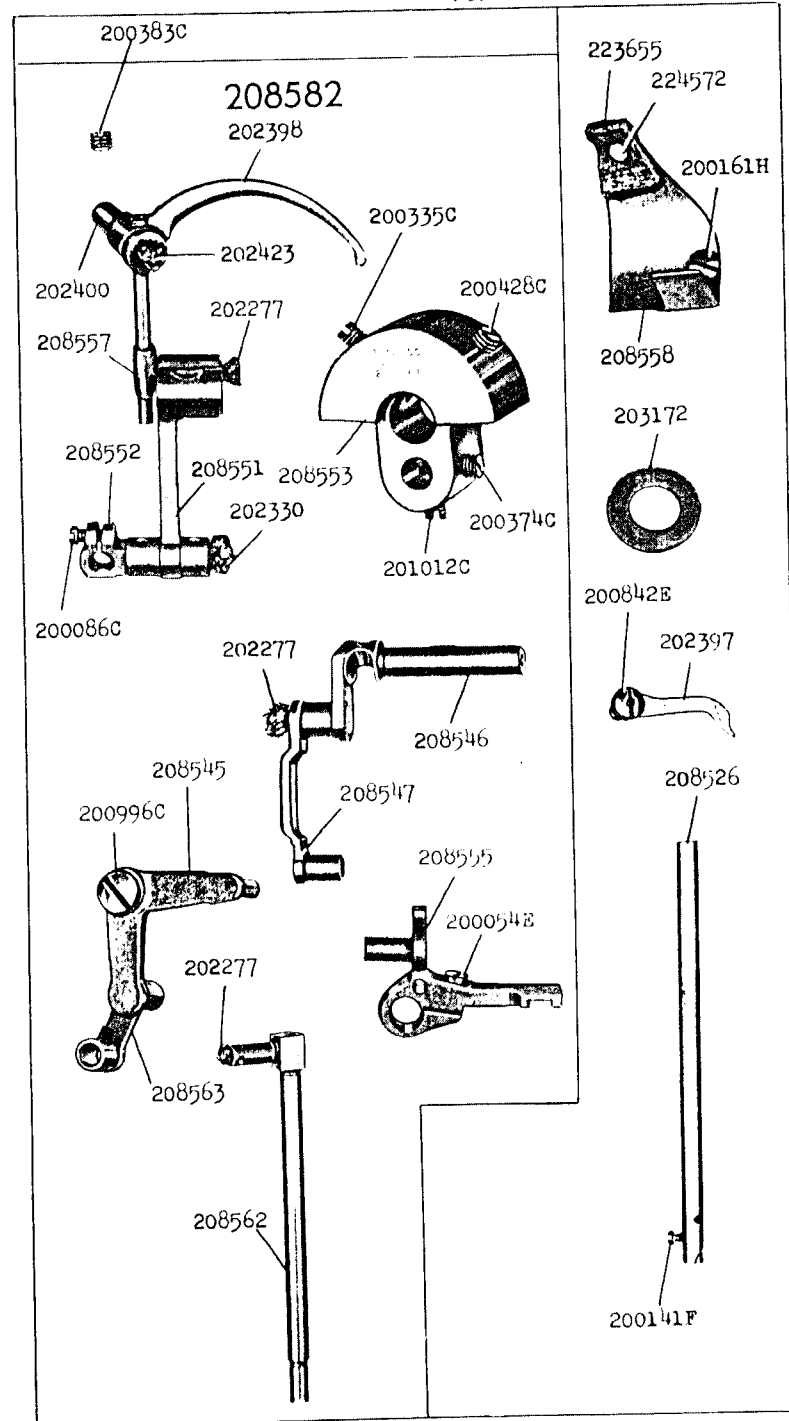
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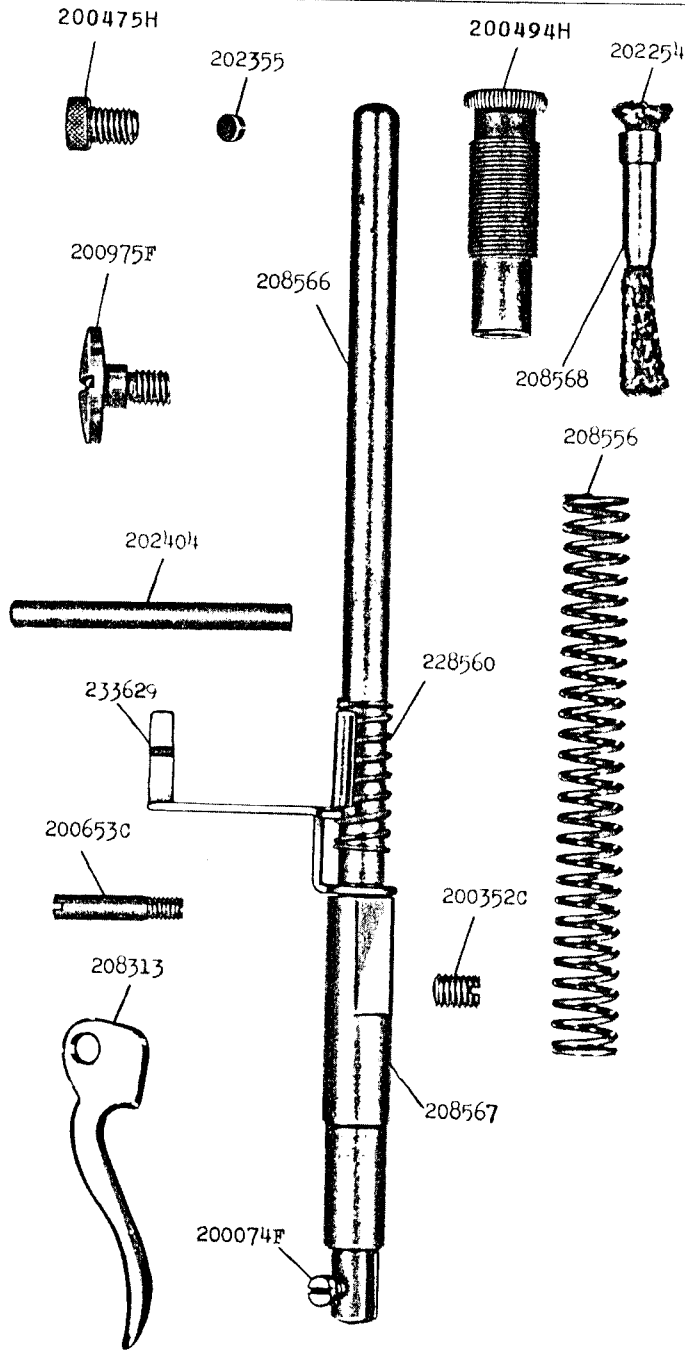
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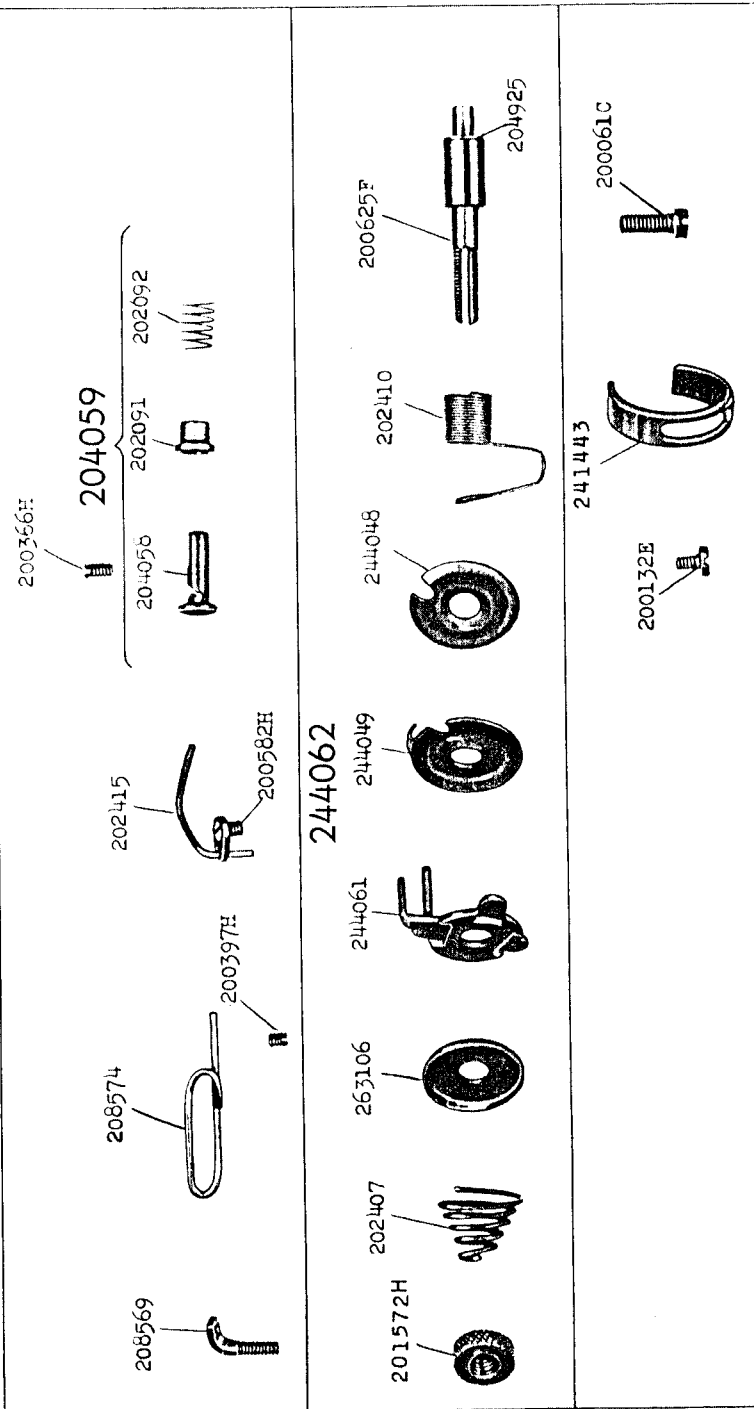
13484 - 1/2



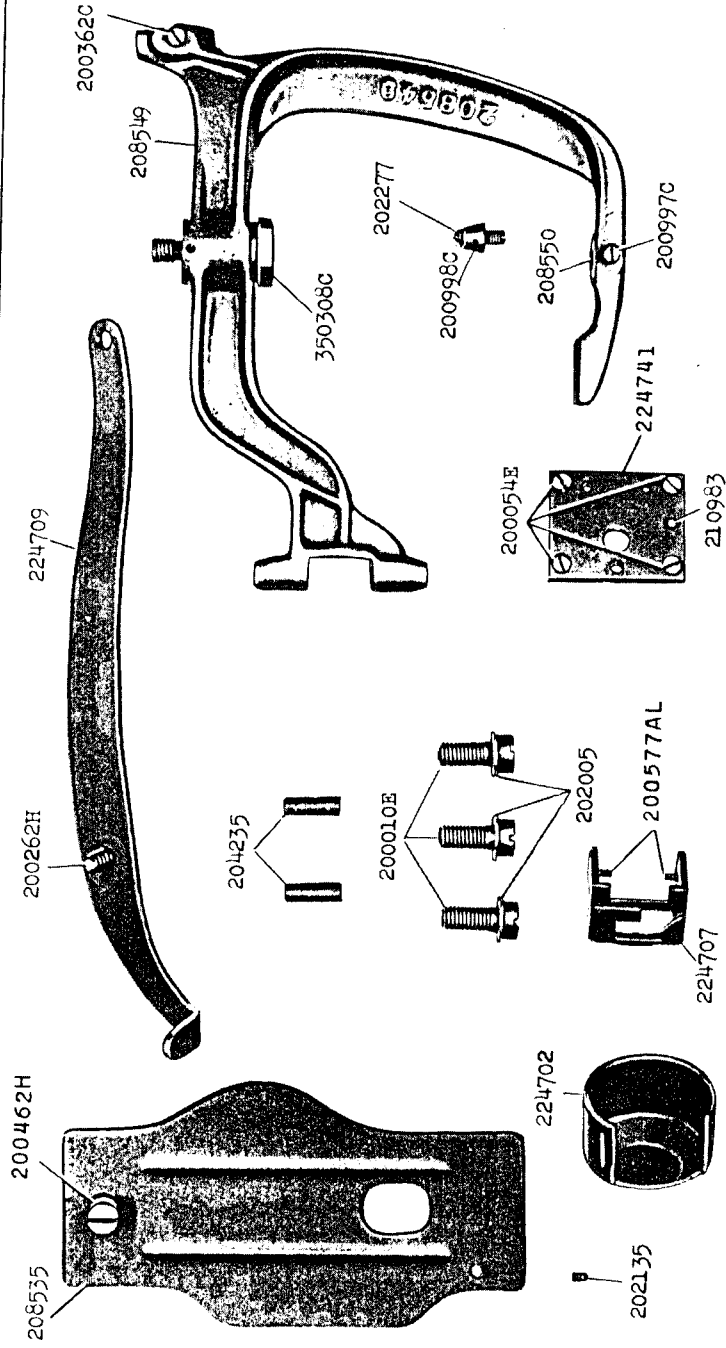
13485 - 3/4



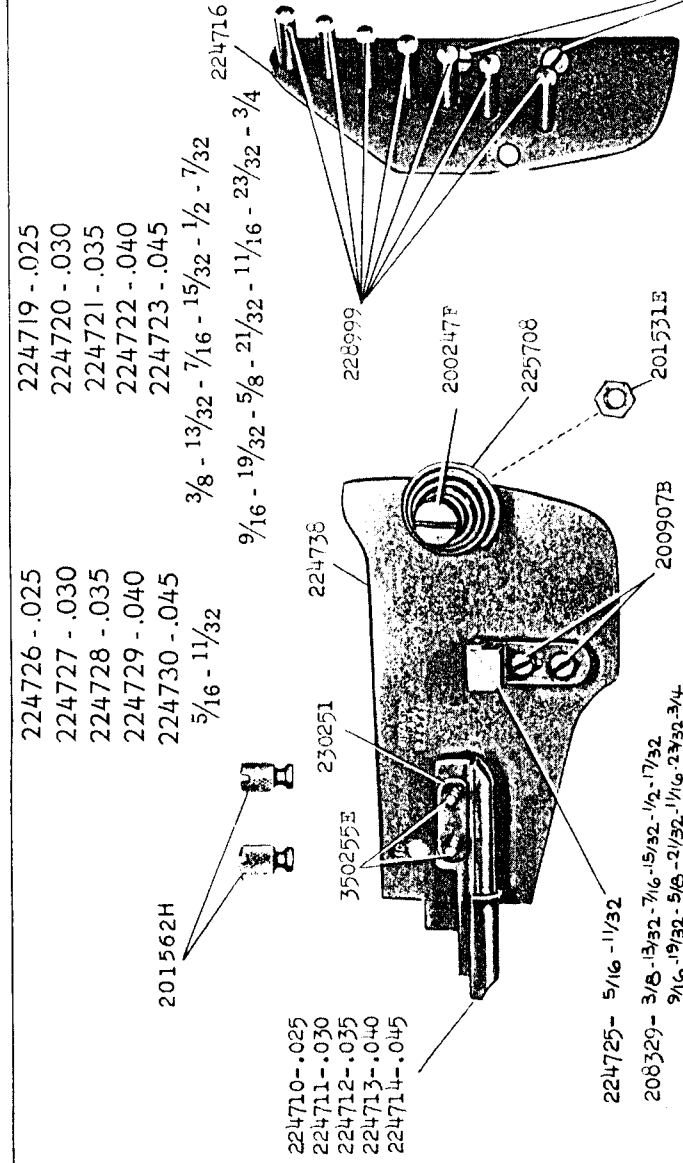
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13487 - 3/8

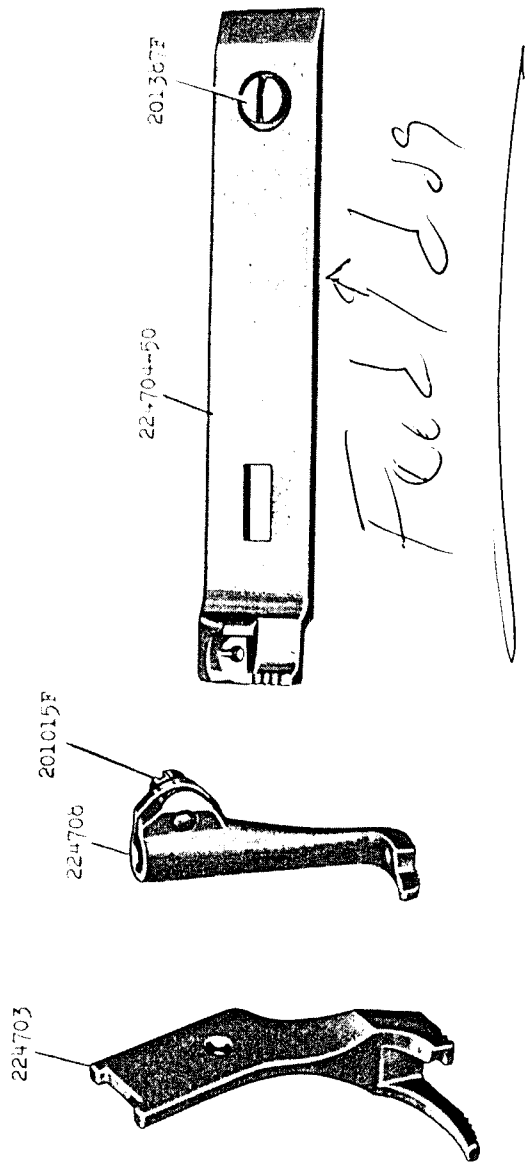


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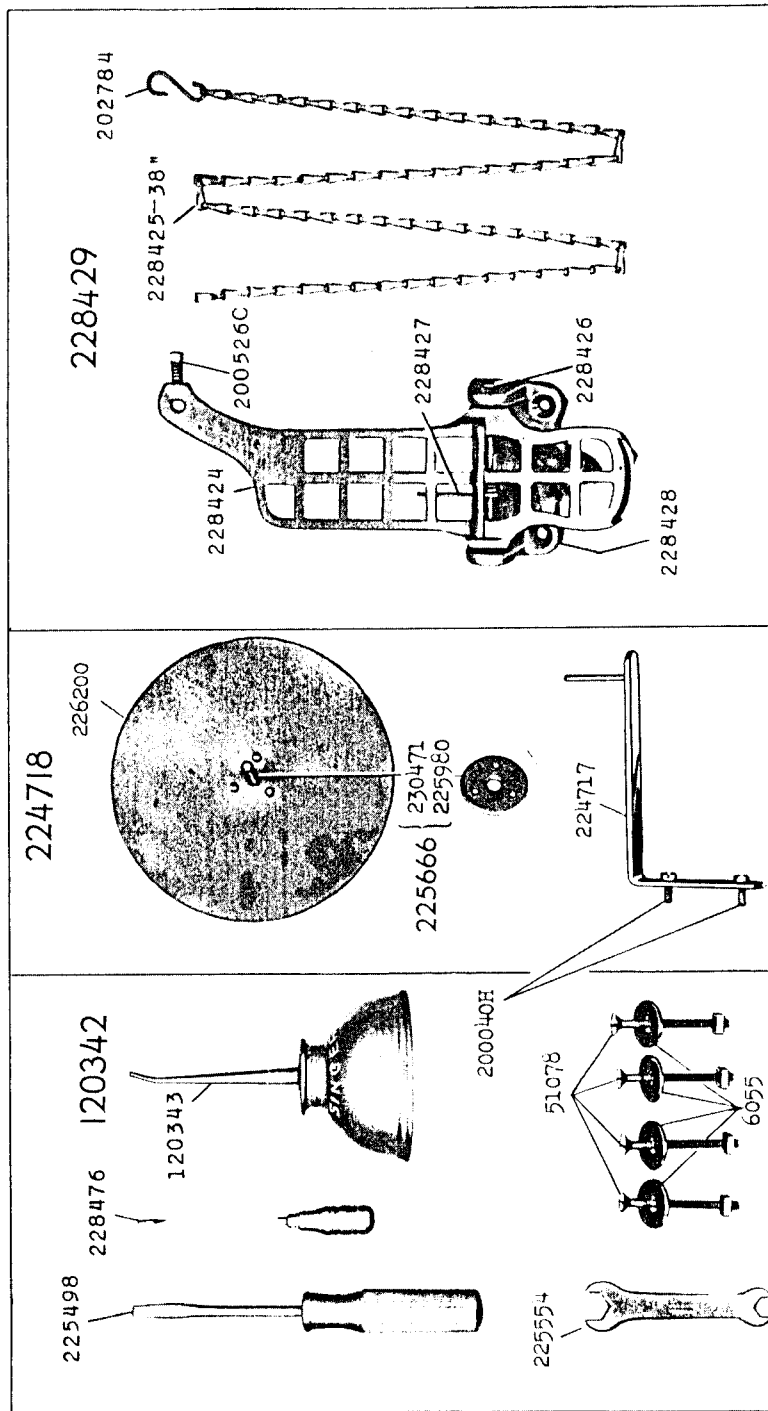


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13489



13490 - 1/4



13491 - 2/3

202265



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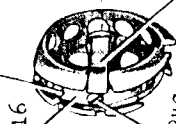


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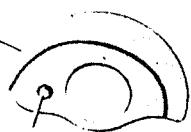


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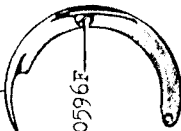
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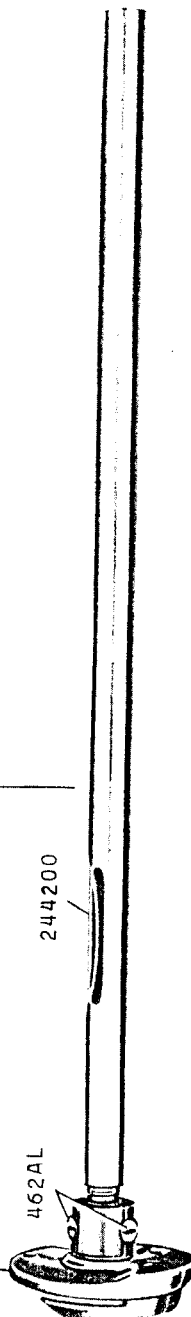
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16615 - 1/2

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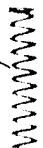
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