Singer 146-1 Singer 146-30 Singer 146-32 Form 19569 (141) Printed in U. S. A.

LIST of PARTS



MACHINES Nos. 146-1, 146-30 and 146-32

THE SINGER MANUFACTURING COMPANY

INSTRUCTIONS FOR OILING

Apply oil to all oil holes, oil tubes and ball oilers at least twice each day when the machine is in continuous use.

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

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INSTRUCTIONS FOR ORDERING

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In ordering from this list, use ONLY the part NUMBER in the
 FIRST column.
     The number stamped on a Sewing Machine Part is in every case
 the number of the single part only.
    Every combination of parts sent out as such has its specific
 number, which, although not stamped on the parts, must be used
 when ordering the combination,
    Each number always indicates the SAME PART in whatever list
 it appears, or for whatever machine.
     The letters after some of the numbers indicate the style of
 finish only, as follows:
   A-Hardened, Polished, Nickel Plated and Buffed
  A.A-Buffed and Chromium Plated
  A.B-Hardened, Polished, Buffed and Chromium Plated
  A.C-Brown Baking Enamel Finish
  A.D-Gray Baking Enamel Finish
 A.E-Hardened, Bright Rumbled and Nickel Plated
A.F-Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and
       Chromium Plated
   B-Polished, Nickel Plated and Buffed
   C-Hardened Only
 C.R-Hardened and Merlized
   D-Polished Only
    E-Soft, Not Polished
   F-Hardened and Polished
  F.J-Hardened, Polished and Nickel Plated
   G-Bright Rumbled and Nickel Plated
    H-Blued
   J-Nickel Plated Only
   K-Hardened and Nickel Plated
    L-Brass Plated
   M-Oxidized
   N-Japanned, Dull
   P-Japanned, Bright
  P.P-Wrinkle Finish
   R-Merlized
   S-Cadmium Plated
   T-Copper Plated
 T.A-Hardened, Polished, Copper and Nickel Plated and Buffed
 T.B-Copper and Nickel Plated and Polished
 T.J-Copper and Nickel Plated Only
 T.K-Hardened, Copper and Nickel Plated
 T.L-Copper and Brass Plated
 T.M-Copper Plated and Oxidized
   U-Zinc Plated
   V-Silver Plated
   W-Polished and Nickel Plated
   I-Black Oxide, for Iron and Steel
 X.C-Hardened and Black Oxide, for Iron or Steel
   Y-Black Nickel Plated Only
   Z-Chromium Plated
 Z.A-Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
 Z.B-Polished, Nickel Plated, Buffed and Chromium Plated
 Z.C-Hardened and Chromium Plated
 Z.D-Polished and Chromium Plated
 Z.G-Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
 2.J-Nickel and Chromium Plated
 Z.T-Copper and Chromium Plated
    These letters MUST BE USED when they appear in the list; and
AFTER the number as in the list.
              1 to 1500, 50001 to 51500 and 140001 to 142000
            are Screw Numbers
            1501 to 1800 and 51501 to 51800 are Nut Numbers
            1801 to 2000 and 51801 to 52000 are Roller Numbers
            2001 to 50000 and 52001 to 140000 and 142001 to
            190000 are Sewing Machine Parts, 190001 and upward
            are numbers of Electrical Parts.
    The figures in the second column refer only to the plates.
illustrating the parts, and are NOT TO HE USED in ordering.
   Parts marked with an asterisk (*) are furnished only when
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repairs are made at factory.

LIST OF PARTS COMPLETE FOR

MACHINE No. 146-1

MACHINE HEAD ONLY.

For Light and Medium Weight Bags. Maximum stitch 4 to the inch. Clearance under presser foot $\frac{5}{16}$ inch.

| No. | Plate | Name |
|---------|-------|--|
| *124170 | | Arm, upper and lower (solid) with 15404 |
| | | and two 15405 |
| 17669 | 21519 | Arm Oil Tube, for intermediate bearing |
| 17670 | 21519 | " " lower bearing |
| 58030 | 21520 | <pre>" " with 52150 and 54897, for</pre> |
| | | oiling 58033 |
| 54897 | 21520 | Arm Oil Tube Oil Cup |
| 52150 | 21520 | " " Packing (wick) |
| 49156 | 21519 | * Rock Shaft |
| 49004 | 21519 | " Bushing (intermediate) |
| 448C | 21519 | " " Set |
| | | Screw |
| 49003 | 21519 | Arm Rock Shaft Bushing (upper) |
| 446C | 21519 | " " " Set Screw |
| 17671 | 21519 | " " Collar with two |
| | | 443C |
| 443C | 21519 | Arm Rock Shaft Bushing Collar Set Screw |
| | | (2) |
| 49262 | 21519 | Arm Rock Shaft Bushing Crank (lower) |
| | | with 50282E and 50457C |
| 50282E | 21519 | Arm Rock Shaft Bushing Crank (lower) Po- |
| | | sition Screw |
| 50457C | 21519 | Arm Rock Shaft Bushing Crank (lower) Set |
| | | Screw |
| 49261 | 21519 | Arm Rock Shaft Bushing Crank (upper) |
| | | with 50282E and 50457C |
| 50282E | 21519 | Arm Rock Shaft Bushing Crank (upper) Po- |
| · | | sition Screw |
| 50457C | 21519 | Arm Rock Shaft Bushing Crank (upper) Set |
| | | Screw |

| No. | Plate | Name |
|--------------|---------------|--|
| 49005 | 21 519 | Arm Rock Shaft Flanged Bushing (lower) |
| 430C | 21519 | " " " " Set |
| | | Screw |
| 49084 | 21519 | Arm Rock Shaft 011 Cover |
| 193J | 21519 | screw |
| 17672 | 21520 | Rotary Shaft |
| 58059 | | " " 17672 with 58033 |
| 58031 | 21520 | Busning (lower) |
| 17674 | 21520 | Cap |
| 435C | 21520 | " " Set Screw |
| 58032 | 21520 | Fianged Busning (inter- |
| | | mediate) |
| 17675 | 21520 | Arm Rotary Shaft Flanged Bushing (inter- |
| | | mediate) Oil Hole Plug |
| 446C | 21520 | Arm Rotary Shaft Flanged Bushing (inter- |
| | 01500 | mediate) Set Screw |
| 49012 | 21520 | Arm Rotary Shaft Flanged Bushing (upper) |
| 40.000 | 07500 | with 49013 and 49093 |
| 49093 | 21520 | Arm Rotary Shaft Flanged Bushing (upper) |
| 40018 | 03500 | Oil Pad (long) braided cotton |
| 49013 | 21520 | Arm Rotary Shaft Flanged Bushing (upper) |
| 159 F | 01500 | 011 Pad (short) braided cotton |
| Toal | 21520 | Arm Rotary Shaft Flanged Bushing (upper) |
| 449C | 01500 | Screw (3) |
| 4430 | 21520 | Arm Rotary Shaft Lower Bearing Oil Hole |
| 144D | 21520 | Plug Screw |
| 17676 | 21521 | Arm Rotary Shaft Screw |
| 2269 | 21521 | bide cover (telt) |
| 51224W | 21521 | " " Stop Pin " " Thumb Screw |
| 17677 | 21521 | " " (right) |
| 2269 | 21521 | " " Stop Pin |
| 51224W | 21521 | " " Thumb Screw |
| 124001 | 21520 | Balance Wheel and Pulley (tight) 2 7/8 |
| 101001 | ~1000 | in. diam., with two 4300 |
| 430C | 21520 | Balance Wheel and Pulley (tight) Set |
| | | Screw (2) |
| 17679 | 21520 | Balance Wheel and Pulley (tight) Washer. |
| 58023 | 21521 | Cloth Plate |
| 58024 | 21521 | Cloth Plate complete, Nos. 49054, 58001, |
| | | 58002, 58023 and two 226J |
| 128D | 21521 | Cloth Plate Screw (lower) |
| 158F | 21521 | " " (upper) |
| 58033 | 21520 | Crank Connecting Rod with 896E,49109 and |
| | | two 145E |
| 89 6E | 21520 | Crank Connecting Rod Adjusting Screw |
| 49109 | 21520 | " " Washer |
| 145E | 21520 | " " Cap Screw (2) |
| 50244C | 21520 | " " Hinge Screw |
| 1513J | 21520 | " " " Nut |
| | | |

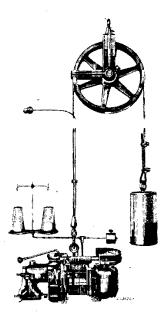
| | | . |
|--------------|-------|--|
| No. | Plate | Name |
| 49020 | 21521 | Face Plate |
| 193 F | 21521 | " " Screw (3) |
| 17683 | 21522 | Feed Bar with 220J and 457C |
| 17684 | 21522 | " " Hinge Pin |
| 457C | 21522 | " " Set Screw |
| 17685 | 21520 | * Connecting Rod with 2653, 4784 and |
| | | two 896E |
| 896E | 21520 | Feed Connecting Rod Cap Screw (2) |
| 4784 | 21520 | " " " Oil Pad (felt) |
| 2653 | 21520 | w w w m Pin |
| 17686 | 21526 | " Dog, 14 teeth (10 teeth to the |
| | | inch) for 58025 and 58028 |
| 172C | 21526 | Feed Dog Screw |
| 220J | 21522 | " " Stop Screw |
| 17687 | 21520 | " Eccentric with two 1259C |
| 1259C | 21520 | " Set Screw (2) |
| 17688 | 21520 | " Lifting Eccentric with two 1259C |
| 58054 | 21520 | <pre>"</pre> |
| 0000 | | 457C, 2653, 4784 and two 1057E |
| 1057E | 21520 | Feed Lifting Eccentric Connection Cap |
| 200.2 | | Screw (2) |
| 49030 | 21522 | Feed Lifting Eccentric Connection Hinge |
| 40000 | | Pin |
| 457C | 21520 | Feed Lifting Eccentric Connection Hinge |
| 4010 | W1080 | Pin Set Screw |
| 4784 | 21520 | Feed Lifting Eccentric Connection 011 |
| 7,01 | D1020 | Pad (felt) |
| 2653 | 21520 | Feed Lifting Eccentric Connection 011 |
| 2000 | D1000 | Pad Pin |
| 1259C | 21520 | Feed Lifting Eccentric Set Screw (2) |
| 50245C | 21522 | * Regulating Screw Stud |
| 17310 | 21522 | " " " Nut |
| 17690 | 21522 | * * * Sleeve |
| 12000 | 21522 | " " Stop Pin |
| 49033 | 21522 | " Rock Shaft |
| 124228 | 21025 | Feed Rock Sheft complete, Nos. 49033 and |
| 124220 | | 124227 |
| 104000 | 21522 | Feed Rock Shaft Crank with 12000 and two |
| 124227 | 21322 | 11775 |
| 3.2000 | 07500 | Feed Rock Shaft Crank Clamping Screw (2) |
| 1177E | 21522 | " " Hinge Pin |
| 17693 | 21522 | " " Nut |
| 1508J | 21522 | " " " Screw Bearing. |
| 622C | | a a a a a |
| 1508J | 21522 | Nut |
| | | Feed Rock Shaft Washer (2) |
| 27398 | 21522 | Looper with 590J and 49080 |
| 49036 | 21526 | |
| 17694 | 21522 | Bell Crank |
| 49039 | 21522 | " " Hinge Stud |
| 448C | 21522 | " " Set Screw |

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| No. | Plate | Nome | | - 4 | | | | |
|---------|-------|---|------------|----------|---|----------------|-------|---|
| 17695 | 21522 | Name | · | • | | No. | Plate | Name |
| 1/095 | 21322 | Looper Bell Crank Pitman with two each | | | | 443C | 21522 | Looper Carrier Rock Shaft Crank (lower) |
| E00700 | 01500 | 175E and 1057E | | | | | | Set Screw |
| 50070C | 21522 | Looper Bell Crank Pitman Ball Screw Stud | _ | L_ | | 49276 | 21520 | Looper Carrier Rock Shaft Crank (upper) |
| 1.02.00 | | (back) | | | | | | forked, with 140174C |
| 1636C | 21522 | Looper Bell Crank Pitman Ball Screw Stud | | | | 140174C | 21520 | Looper Carrier Rock Shaft Crank (upper) |
| | | (back) Nut | | | | | | forked, Position Screw |
| 50246C | 21522 | Looper Bell Crank Pitman Ball Screw Stud | | | | 49049 | 21520 | Looper Carrier Rock Shaft Crank (upper) |
| | | (front) | | | | | | Slide Block |
| 1619J | 21522 | Looper Bell Crank Pitman Ball Screw Stud | | | | 49051 | 21520 | Looper Eccentric with two 1259C |
| | | (front) Nut | | | | 1259C | 21520 | " Set Screw (2) |
| 175E | 21522 | Looper Bell Crank Pitman Cap (back) | | | | 58001 | 21521 | " Gate with 735C |
| | | Screw (2) | | | • | 58002 | 21521 | " Hinge Pin |
| 1057E | 21522 | Looper Bell Crank Pitman Cap (front) | | | | 7 3 50 | 21521 | " " Set Screw |
| | | Screw (2) | ~ | 4* | | 49054 | 21521 | " Lock Spring |
| 49044 | 21522 | Looper Carrier with 4784 and two each | | | | 226J | 21521 | " " Screw (2) |
| , | | 175E, 1147C and 59019 | | | | 1147C | 21522 | * Set Screw |
| 175E | 21522 | Looper Carrier Clamping Screw (2) | | | | 49080 | 21526 | Thread Guard |
| 59019 | 21522 | " Gib (2) | - | *** | | 590J | 21526 | " " Screw |
| 38440 | 21522 | " Hinge Pin | | | | 58052 | 21523 | Needle Bar |
| 157D | 21522 | " " Clamping Screw. | | | | 49056 | 21523 | " Bushing (back) |
| 4784 | 21522 | " Oil Pad (felt) | | | | 435C | 21523 | " " Set Screw |
| 124174 | | Looper Carrier Pitman complete, Nos. | | | | 58035 | 21523 | |
| | | 1708J,1709J,49046,49088 and 124177 | | | | 1133E | 21523 | (front) |
| 50070C | 21522 | Looper Carrier Pitman Ball Screw Stud | | | c | | | " Set Screw |
| 000.00 | 22022 | · · · · · · · · · · · · · · · · · · · | | | | 49167 | 21523 | COMMECCINE THE MICH 4800) |
| 1519J | 21522 | (upper) | | | | 40000 | 01505 | and 49268 |
| 10100 | DIUDE | | | | | 49057 | 21523 | Needle Bar Connecting Link Hinge Stud |
| 46237 | 21522 | (upper) Mut Looper Carrier Pitman Ball Stud (lower). | | | | 1517J | 21523 | NUC |
| 1147C | 21522 | roober carrier browsu part acid (tower). | | , | | 49268 | 21523 | " Stud With 1454E |
| 714/0 | عمسم | | | | | 1454E | 21523 | CTSUIDITIE OCLAM |
| 171E | 21522 | Set Screw | | | | 1629 C | 21523 | Clamping Mut |
| 1/16 | 21022 | Looper Carrier Pitman Cap (lower) Screw | | | | 58036 | 21520 | 011 Pipe |
| 1750 | 01500 | (2) | | | | 58037 | | " 58036 with 54897, 58038 and |
| 175E | 21522 | Looper Carrier Pitman Cap (upper) Screw | ٠, | 40 | | | | 58039, for Arm Rotary Shaft Lower |
| . 40000 | 03500 | (2) | | | | | | Bearing |
| 49088 | 21522 | Looper Carrier Pitman Head (lower) Nos. | | | | 58038 | 21520 | Oil Pipe Holder |
| 2042 | | 46237 and two 171E | ₹ | L | | 54897 | 21520 | " " " 011 Cup |
| 124177 | 21522 | Looper Carrier Pitman Head (upper) Nos. | | | | 58039 | 21520 | " Packing (braided cotton) |
| | | 50070C and two 175E | | | | 44 90 | 21520 | " " Set Screw |
| 49046 | 21522 | Looper Carrier Pitman Rod | | | | 58040 | 21520 | " Tube for 58041 |
| 1708J | 21522 | NUT (lower) | | | | 58041 | | " 58040 with 58044 and 58045, for |
| 1709J | 21522 | " (upper) | | | | | | oiling 49049 and 49051 |
| 49043 | 21522 | washer (flore) | | | | 58042 | 21520 | 011 Tube for 58043 |
| 137138 | 21520 | " Rock Shaft | | | | 58 043 | | " * 58042 with 58044 and 58045, for |
| 11411 | 21520 | " " " Collar with | | | | | | Arm Rotary Shaft Intermediate Bear- |
| | | 453C | | | | | | ing |
| 453C | 21520 | Looper Carrier Rock Shaft Collar Set | | | | 58044 | 21520 | Oil Tube Connection with 49189 and two |
| | | Screw | | | | | | 198J (2) |
| 124173 | 21522 | Looper Carrier Rock Shaft Crank (lower) | ⊷ ; | les. | | *491 89 | | Oil Tube Connection Cap |
| | | with 156C, 157D and 443C | | | | 198J | 21520 | " " Screw (4) |
| 156C | 21522 | Looper Carrier Rock Shaft Crank (lower) | , | | | 58045 | 21520 | " Packing (braided cotton) (2) |
| | | Position Screw | | | | ···- | , . | |
| | | | ~ | - | | | | |

| | | W | e. | | No. | Plate | Vore |
|----------------|-------|---------------------------------------|-----|------------------|---------------|-------|---|
| No. | Plate | Name | • | , | 1110C | 21524 | Name |
| 49059 | 21523 | Presser Bar | | | 20972 | *3613 | Tension (looper thread) Screw Stud |
| 49060 | 21523 | " Bushing (back) | | | 20972 | | 11100 |
| 435C | 21523 | Dec Detem | ب | 1. | 10148 | 21524 | with 1560C Tension (looper thread) Spring |
| 49061 | 21523 | (110110) | | | 49220 | 21524 | |
| 1133E | 21523 | a sec outew | | | 49220 2102 | 21524 | infead Gaide |
| 58046 | 21523 | Lill bol | | | | | " (needle thread) Disc (2) |
| 212D | 21523 | " Cap Screw | | | 1560C | 21524 | TORUTA CITE THOUD |
| 58047 | 21523 | " " Hinge Stud | | | 11100 | 01504 | Nut |
| 453C | 21523 | Ger Dolow. | | | 11100 | 21524 | Tension (needle thread) Screw Stud |
| 49065 | 21523 | " Lifting Bracket with 453C | | | 20972 | | 11100 |
| | | and 892F | | | 20020 | | with 1560C |
| 892 F | 21523 | Presser Bar Lifting Bracket Adjusting | | | 13710 | 21524 | Tension (needle thread) Spring |
| • | | Screw | | | 49220 | 21524 | Thread Guide |
| 453C | 21523 | Presser Bar Lifting Bracket Set Screw | * | ç. | 58010 | 21525 | Thread Cutting Blade (inside) with 1933. |
| 58048 | 21523 | " " Link | | | 58011 | 21525 | (oneside) with 1999 |
| 212D | 21523 | T. " " Cap Screw | | | 50247C | 21525 | Hinge Screw |
| 1253C | 21523 | " " " Hinge Screw | ~ | | 1732H | 21525 | NUC |
| | | Stud | | | 1933 | 21525 | " " Roller and Stud (2) |
| 58049 | 21523 | Presser Bar Lifting Link Spring | | | 17622 | 21525 | " " Spring |
| 1241E | 21523 | " " " " Screw Stud | | | 124256 | 21525 | " Lever |
| 49067 | 21524 | " | | | 58012 | | " " 124256 with 58013 |
| 38468- | 21524 | " " Stud | | | | | and two 161J |
| 137088 | 21526 | * Foot Finger Guard | | | 58013 | 21525 | Thread Cutting Lever Extension for 58012 |
| 227J | 21526 | * * Screw | | | 124257 | 21525 | " " " 124258 |
| 58004 | 21526 | " Plate | | | 124258 | 21525 | " " " 124257 |
| 50087J | 21526 | " " Hinge Screw | | | | | with 13375 |
| 58005 | 21526 | " Shank | | | 161 J | 21525 | Thread Cutting Lever Extension Screw (2) |
| 137089 | 21526 | " Toe with 227J, 906C and | | | 1.3375 | 21525 | " " " Handle |
| 10,000 | 21000 | 137088 | | | | | (wood) |
| 58007 | 21526 | Presser Foot Toe Hinge Stud | | | 124171 | 21525 | Thread Cutting Lever Hinge Stud |
| 906C | 21526 | " " " " Set Screw | | | 448C | 21525 | " " " " Set Screw |
| 58008 | 21526 | " " Spring | | | 58014 | 21525 | " " Plate |
| 137090 | 21526 | Presser Foot (hinged) complete, Nos. | 4., | | 172C | 21525 | " " Screw |
| 137030 | , | 50087J.58004,58005,58007,58008 and | | • | 19510 | 21525 | " " Spring |
| | | 137089 | | | 170J | 21525 | " " " Screw Stud |
| 176J | 21526 | Presser Foot Screw | | | 49071 | 21522 | " (looper) Eyelet |
| 574W | 21524 | Pressure Regulating Thumb Screw | - | L | 172C | 21522 | " " Screw |
| 1539W | 21524 | " Lock Nut | | | 49072 | 21522 | " Take-up |
| 137131 | 21520 | Pulley (loose) 2 7/8 in. diam., with | | | 19 0 J | 21522 | " " Screw |
| 19/191 | 21020 | 200584D | | | 49073 | 21524 | " (needle) Controller |
| 3 7773 770 | | Pulley (loose) 137131 with 68714 | | | 974F | 21524 | " " Hinge Screw |
| 137132 | | * * 137132 with 137133 | | | 914F | 21524 | " . " Screw |
| 137136 | 21520 | " Ball Bearing | | | 39541 | 21524 | " " Washer. |
| 68714 | | " " 011 Plug Screw | | | 49075 | 21523 | Take-up with 457C |
| 200584D | 21520 | " * Spacing Collar | | | 457C | 21523 | " " Set Screw |
| 137133 | 21520 | Pulleys (ball bearing) complete, Nos. | 4. | | 58025 | 21526 | Throat Plate (large needle hole) for |
| 1371 30 | 21520 | 124001 and 137136 | , | | | | 17686 |
| 0-00 | 01504 | Tension (looper thread) Disc (2) | | | 58028 | | Throat Plate (small needle hole) for |
| 2102 | 21524 | " " Regulating Thumb | ₽, | () ₄ | | | 17686 |
| 1560C | 21524 | | | | 140150F | 21526 | Throat Plate Screw (large) |
| | | Nut | | | 402F | 21526 | " " (small) |
| | | | 444 | | *15404 | | Trade Mark |
| | | | | | 15405 | | * Rivet (2) |
| | | | | | | | ,., |

Plate



MACHINE No. 146-30

For Overhead Suspension. Machine Head 146-1 and Series 38, 1/4 H.P. Dust-Proof Electric Transmitter Motor with a Dust-Proof Switch, bolted to a bracket suspended by a cable with counterbalance at opposite end and a sheave for ceiling suspension. For sewing bags of any height.

NOTE: ORDER MUST STATE THE NUMBER OF THE MOTOR REQUIRED SO THAT CORRECT VOLTAGE, CYCLES AND PHASE CAN BE FURNISHED.

| No. | Plate | Name | |
|--------|-------|---|----|
| 124285 | | Machine Belt, 1/4 in. diam., 35 1/2 in. | • |
| | | long, with 25128 | |
| 124292 | 21529 | Machine Belt Guard | ٠. |
| 333R | 21529 | " | ٠. |
| 25128 | | " Hook | |
| 41441 | 21529 | " Shifter Belt Guide Pin (2) | |
| 882C | 21529 | # # # # # Set | t |
| | | Screw (2) | ٠. |
| 124259 | 21529 | Machine Belt Shifter Bracket with 8580 | |
| | | and two 882C | ٠. |

| MO. | ria ve | TIG. INC. |
|----------------|--------|--|
| 54640 | 21529 | Machine Belt Shifter Bracket Hinge Stud. |
| 443C | 21529 | * * * * * * * |
| | | Set Screw |
| 124260 | 21529 | Machine Belt Shifter Bracket Spring |
| 124261 | 21529 | " Posi- |
| | | tion Pin |
| 554E | 21529 | Machine Belt Shifter Bracket Spring |
| | | Screw Eyelet |
| 124282 | 21529 | Machine Belt Shifter Handle |
| 858C | 21529 | " " " Set Screw |
| 124299 | 21529 | " Bracket with 435C, 443C and |
| | | 504220 |
| *124284 | 21529 | Machine Bracket 124299 with 115E, 554E, |
| #124204 | 21029 | 1178E,1672R,1795R,9082,20437,50706R, |
| | | 51617R, 54640, 124259 to 124261, |
| | | |
| | | 124263, 124282, 124283, 124292 to |
| | | 124294, 876088, two each 327R, 41441 |
| | | and four each 333R and 731R |
| 124263 | 21529 | Machine Bracket Handle |
| 435¢ | 21529 | Machine Bracket Handle Set Screw |
| 731R | 21529 | " Motor Screw (4) |
| 126573 | 21529 | " Brake (thermoid) |
| 124264 | 21529 | " Bracket |
| 124283 | 21529 | " 124264 with 126573 |
| | | and two 27878 |
| 1178E | 21529 | Machine Brake Bracket Screw |
| 20437 | 21529 | " " " Washer |
| 27878 | 21529 | * * Rivet (2) |
| 124300 | 21528 | " Counterbalance (112 lbs.) with |
| | | 124276 |
| 124266 | 21528 | Machine Counterbalance Cable, length 20 |
| | | ft. (3/8 in.) |
| 124267 | | Machine Counterbalance Cable 124266 with |
| | | 124269 |
| 124268 | 21528 | Machine Counterbalance Cable Clamp, size |
| | | 3/8 in. (2) |
| 124269 | 21528 | Machine Counterbalance Cable Hook |
| 124293 | 21529 | " " Eve- |
| | | bolt |
| 124294 | 21529 | Machine Counterbalance Cable Hook Eye- |
| 2221001 | 22000 | bolt Bracket |
| 50706R | 21529 | Machine Counterbalance Cable Hook Eye- |
| 0070011 | 22020 | bolt Bracket Bolt |
| 1795R | 21529 | Machine Counterbalance Cable Hook Eye- |
| I/OOK . | 22020 | bolt Bracket Bolt Nut |
| 1672R | 21529 | Machine Counterbalance Cable Hook Eye- |
| TOTAL | PTOPA | bolt Lock Nut. |
| 51617R | 21529 | Machine Counterbalance Cable Hook Eye- |
| OTOT\K | e Toea | |
| 0000 | 01500 | bolt Nut |
| 9082 | 21529 | Machine Counterbalance Cable Hook Eye- |
| | | bolt Nut Cotter Pin |

| No. | Plate | Name |
|-----------------|---------|--|
| 137127 | 21528 | Machine Counterbalance Cable Retaining |
| | | Arm (left and right) with 3500 (2) |
| 350C | 21528 | Machine Counterbalance Cable Retaining |
| | | Arm Set Screw (2) |
| 124270 | 21528 | Machine Counterbalance Cable Sheave |
| 898622 | 21528 | " " Grease |
| | | Cup |
| 124271 | 21528 | Machine Counterbalance Cable Sheave |
| | | Hanger with 344C and 51287C |
| 124272 | | Machine Counterbalance Cable Sheave |
| | | Hanger 124271 with 1672R, 124289 and |
| | | 124290 |
| 124287 | | Machine Counterbalance Cable Sheave |
| | | Hanger 124272 with 124270, 124275, |
| | | 137128, 898622 and two 137127 |
| 124289 | 21528 | Machine Counterbalance Cable Sheave |
| | | Hanger Eyebolt |
| 1672R | 21528 | Machine Counterbalance Cable Sheave |
| | | Hanger Eyebolt Nut |
| 124290 | 21528 | Machine Counterbalance Cable Sheave |
| | | Hanger Eyebolt Nut Lock Washer |
| 344C | 21528 | Machine Counterbalance Cable Sheave |
| | | Hanger Eyebolt Set Screw |
| 137128 | 21528 | Machine Counterbalance Cable Sheave |
| | | Hinge Pin |
| 51287C | 21528 | Machine Counterbalance Cable Sheave |
| | | Hinge Pin Set Screw |
| 124275 | 21528 | Machine Counterbalance Cable Sheave |
| | | Roller Bearing |
| .124276 | 21528 | Machine Counterbalance Eyebolt |
| | | " Weight Equalizer |
| | | (10 lbs.) |
| Not | e: When | ordering Weight Equalizer, amount re- |
| | quired | must be stated in lbs. or ozs. |
| 50340R | 21529 | Machine Screw (long) to fasten machine |
| | | to bracket (3) |
| 9281 | 21529 | Machine Screw (long) Washer (3) |
| 115E | 21529 | " (short) to fasten machine |
| | | to bracket |
| 8 760 88 | | Switch Box Plate |
| 327R | 21529 | " " Screw (2) |
| 333 R | 21529 | " " Screw (2) |
| | | |



MACHINE No. 146-32

For Overhead Suspension. Machine Head 146-1 and Series 38, 1/4 H.P. Dust-Proof Electric Transmitter Motor with a Dust-Proof Switch, bolted to a bracket suspended by a cable with a spring balancing device which permits moving the machine head up or down to accommodate bags of any height.

NOTE: ORDER MUST STATE THE NUMBER OF THE MOTOR REQUIRED SO THAT CORRECT VOLTAGE, CYCLES

AND PHASE CAN BE FURNISHED.

| No. | Plate | Name |
|--------|--------|---------------------------------------|
| 137156 | 21530A | Machine Balancer with 137158 |
| 137235 | 21531 | " Auxiliary Cable |
| 124268 | 21531 | " " " Clamp |
| | | size 3/8 in. (2) |
| 137236 | 21531 | Machine Balancer Auxiliary Cable com- |
| | | plete, Nos. 137235 and two 124268 |
| 124293 | 21529 | Machine Balancer Cable Hook Eyebolt |

| No. | Plate | Name |
|----------------|----------------|--|
| 124294 | 21529 | Machine Balancer Cable Hook Eyebolt Bracket |
| 50706R | 21529 | Machine Balancer Cable Hook Eyebolt Bracket Bolt |
| 1795R | 21529 | Machine Balancer Cable Hook Eyebolt Bracket Bolt Nut |
| 1672R | 21529 | Machine Balancer Cable Hook Eyebolt Lock |
| 51617R 9082 | 21529 21529 | Machine Balancer Cable Hook Eyebolt Nut. |
| | | Cotter Pin |

REPLACEMENT PARTS FOR

MACHINE BALANCER No. 137156

CAUTION: DO NOT ORDER PARTS BY THOR BALANCER SYMBOL WHICH IS STAMPED ON THE PART. ORDER ONLY BY SINGER PART NO.

| | Thor | | |
|--------------------|--------------------|--------|---|
| Singer Part No. | Balancer Symbol | Plate | Name |
| 137159 | 20206 | 21531 | Cable |
| 145021 | 20150 | 21530B | Cable Clamp complete |
| 137239 | 20156 | 21530B | Collar |
| 145022 | 20139 | 21530A | * Drum |
| 137248 | 64154 | 21530A | <pre>" Brake (fibre)</pre> |
| 145023 | 64153 | 21530B | " " Housing |
| 50674E | 25242 | 21530B | * * Screw (2) |
| 1515E | 20035 | 21530B | " " " " Nut (2). |
| 67425 | 20013 | 21530B | 4 |
| | | | Washer (2) |
| 137249 | 64155 | 21530A | Cable Drum Brake Tension Spring |
| 140339C | 20174 | 21530A | Screw. |
| 137250 | 66487 | 21530A | " Cover |
| 140355E | 61433 | 21530A | " " Screw (4) |
| 67425 | 20013 | 21530A | TOCK MUDITAL (4). |
| 145024 | 60663 | 21530A | * Shaft |
| 145001 | 20152 | 21530A | " Adjusting Wheel |
| 145025 | 20161 | 21530A | Çover |
| 140356E | 58646 | 21530A | |
| | | | Screw (3) |
| 67425 | 20013 | 21530A | Cable Drum Shaft Adjusting Wheel Cover |
| | | | Screw Lock Washer (3) |
| 145026 | 35827 | 21530A | Cable Drum Shaft Adjusting Wheel Key |
| 145002 | 2060 | 21530A | * * Thrust |
| | | | Bearing |
| 145003 | 20158 | 21530A | Cable Drum Shaft Adjusting Wheel Thrust |
| | | | Washer |
| 145004 | 20151 | 21530A | Cable Drum Shaft Bearing (2) |
| 137240 | 58658 | 21530B | " Guide Roller |
| 137241 | 58657 | 21530B | Li deke o |
| 140336C | 58661 | 21530B | 240000000 |
| | | | (2) |
| 1515E | 20035 | 21530B | Cable Guide Roller Bracket Adjusting |
| | | | Screw Nut (2) |
| 67425 | 20013 | 21530B | Cable Guide Roller Bracket Adjusting Screw Washer (2) |
| | 50000 | 035000 | Cable Guide Roller Bracket Cap Screw |
| 140337E | 58660 | 21530B | CEDTE GRIDE MOTTEL PLACER CED SCIEM |

REPLACEMENT PARTS FOR MACHINE BALANCER NO. 137156

| a . | Thor | | | | | | | | |
|--------------------|--------------------|------------------|--------|----------------|---------|----------|----------|---------------------------------|--------|
| Singer Part No. | Balancer Symbol | Plate | | | | Name | | | |
| 126846 | 15051 | 21530B | | | | | | Cap Screw | |
| 200040 | | | L | ock We | eher | •••• | • • • • | • • • • • • • • • • | |
| 137242 | 58659 | 21530B | | | | | | | •• |
| 137243 | 58663 | 21530B | | | | | | acket com- | |
| 145000 | 50050 | A1=000 | | | | | | 137242 | |
| 145027 137244 | 58650 58653 | 21530B 21530B | Capte | | | | | | |
| 137245 | 60671 | 21530B | | Prote | cting | HOSe | | Bumper (2). | |
| 137246 | 64151 | 21530A | | *** | C | | | arob | |
| 145018 | 20176 | 21530A | | a COD | | | | • • • • • • • • • • • | |
| 145020 | 64152 | 21530A | | * | | | | • • • • • • • • • • | |
| 137247 | 64150 | 21530A | | 4 | | anger. | | ing | |
| 140338C | 50371 | 21530A | • | | | | Spr | * Adjusti | na |
| | 00011 | DIOUN | Sc | reW | | | | | |
| 145028 | 64149 | 21530A | Cable | Stop | Cam Pl | ungar | Spr | ing Housing | |
| 145017 | 20175 | 21530A | a | # | | | | | |
| 1796E | 20179 | 21530A | | . * | | | | Nut | |
| 145029 | 58654 | 21530B | | | Clamp | (two | | es) | |
| 50807E | 58652 | 21530B | | • | | | | • • • • • • • • • • • • | |
| 51708E | 35228 | 21530B | | * | | • | Nut | (2) | |
| 126150 | 15009 | 21530B | • | | R . | | * | Lock Washe | r |
| | | | (2 | 2) | | . | | · · · · · · · · · · · · · · · · | |
| 145030 | 58655 | 21530B | | | | | | Nos. 14502 | |
| | | | an | d two | each ! | 50807 | E, 5 | 1708E and | |
| | | | | | | | | | |
| 145031 | 20162 | 21530B | | | | | | | |
| 145032 | 20137 | 21530A | | | | | | | |
| 145033 | 66484 | 21530A | | Cover | | | | • • • • • • • • • • • • | |
| 145034 | 66486 | | • | | | | | 5018 | |
| 140356E | 58646 | 21530A | | | Screw | (6). | • • • • | | • • |
| 67425 | 20013 | 21530A | - | | | Lock | Wasi | ner (6) | • • |
| 145005 | 58817 | 21530A | Main S | pring | with : | 145030 | 6 (N | 60" | |
| 145000 | 07.470 | 015504 | 80 | апрес | on spi | ring) | | | • • |
| 145006 | 61430 | 21530A | Main S | pring | WITH . | 145030 | 5 (N | o. "100" | |
| No | te: No | 177156 | | | | | | 15005 and | • • |
| NO | | Main Spr | | | | TUR M | O. T. | DITTE COOCH | |
| 145035 | 20143 | 21530A | | | | ting S | Romer | V | |
| 145036 | 20171 | 21530A | | * | | | |) | |
| 145037 | 61435 | 21530A | * | * | | | | ainer Pin. | |
| 145038 | 60665 | 21530A | | # | Plate | | | | |
| 145039 | 20166 | 21530A | * | • | Safety | Leve | 9F | | |
| 9082 | 57503 | 21530A | | | * | | Co | tter Pin | |
| 145040 | 20163 | 21530A | | | * | | | late | |
| 145041 | 20165 | 21530A | • . | * | | Plur | | (inside) | |
| 145007 | 20149 | 21530A | | • | | • | | " Cor | ŋ- |
| | | | pr | ess10 | n Sprin | ıg | . | | |
| 145008 | 20167 | 21530A | Main S | pring | Safety | / Plur | ger | (inside) | |
| | | | | | | | | | |
| 145019 | 59750 | 21530B | Main S | pr1ng | | | | (outside). | |
| 145007 | 20149 | 21530B | * | | * | • | - | " Cor | n- |
| | | | pr | e881 01 | n Sprin | g | • • • • | • • • • • • • • • • | |

REPLACEMENT PARTS FOR MACHINE BALANCER NO. 137156

| _ | Thor | | |
|----------|----------|--------------|--|
| Singer | Balancer | 5 1 . | Name |
| Part No. | Symbol | Plate | |
| 145009 | 59751 | 21530B | Main Spring Safety Plunger (outside) |
| | | | Lock Ring |
| 145042 | 61436 | 21530A | Main Spring Separating Ring |
| 145043 | 20141 | 21530A | " Sleeve (2) |
| 145044 | 35602 | 21530B | Safety Eyebolt |
| 701481 | | 21530B | Lock Washer |
| 145045 | 20140 | 21530A | Suspension Hook |
| 145046 | 20154 | 21530A | * Latch |
| 145047 | 20155 | 21530A | " " Pin (2) |
| 145048 | 20153 | 21530A | " " Spring |
| 145049 | 58647 | 21530A | Suspension Hook complete, Nos. 145045, |
| | | | 145046, 145048 and two 145047 |
| 137158 | 20145 | 21530B | Socket Wrench |
| 145050 | 20144 | 21530A | Swivel Stud |
| 145051 | 20157 | 21530A | Ball Ring |
| 145052 | 20169 | 21530A | " Brake (brass) |
| 50959E | 20170 | 21530A | " " Adjusting Screw |
| 51709E | 2062 | 21530A | * * * * Nut |
| 145010 | 2061 | 21530A | " " Spring |
| 145053 | 20164 | 21530A | * Bushing |
| 145054 | 20146 | 21530A | " Locking Pin (grooved) |
| | | | |

| No. | Plate | Name |
|---|--|--|
| 124285 | | Machine Belt, 1/4 in. diam., 35 1/2 in. |
| | | long, with 25128 |
| 124292 | 21529 | Machine Belt Guard |
| 333R | 21529 | " " Screw (2) |
| 25128 | | * Hook |
| 41441 | 21529 | Shifter Belt Guide Pin (2). |
| 882C | 21529 | " " " " " Set |
| | | Screw (2) |
| 124259 | 21529 | Machine Belt Shifter Bracket with 8580 |
| • | | and two 882C |
| 54640 | 21529 | Machine Belt Shifter Bracket Hinge Stud. |
| 443C | 21529 | |
| | | Set Screw |
| 124260 | 21529 | Machine Belt Shifter Bracket Spring |
| 124261 | 21529 | " Posi- |
| | | tion Pin |
| 554E | 21529 | Machine Belt Shifter Bracket Spring |
| | | Screw Eyelet |
| 124282 | 21529 | Machine Belt Shifter Handle |
| 858C | 21529 | " " " Set Screw |
| 124299 | 21529 | " Bracket with 4350,4430 and 504220 |
| *124284 | 21529 | " 124299 with 115E, 554E, |
| | | |
| | | 1178E,1672R,1795R,9082,20437,50706R, |
| | | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, |
| | | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to |
| | | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 |
| | | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R |
| 124263 | 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C | 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C 731R | 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " Motor Screw (4) |
| 4350 731R 126573 | 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124263, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 4350 731R 126573 124264 | 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124263, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " Motor Screw (4) Brake (thermoid) " Bracket |
| 4350 731R 126573 | 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 4350 731R 126573 124264 124283 | 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C 731R 126573 124264 124263 | 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C 731R 126573 124264 124263 1176E 20437 | 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Bracke (thermoid) " Bracket " " 124264 with 126573 and two 27678 Machine Brake Bracket Screw " " Washer |
| 435C 731R 126573 124264 124283 1178E 20437 27878 | 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Bracke (thermoid) " Bracket " " 124264 with 126573 and two 27678 Machine Bracke Bracket Screw " " Washer " " Washer |
| 435C 731R 126573 124264 124263 1176E 20437 | 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " Motor Screw (4) " Brake (thermoid) " Bracket " " 124264 with 126573 and two 27678 Machine Brake Bracket Screw " " Washer " Rivet (2) " Screw (long) to fasten machine |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Bracket " " 124264 with 126573 and two 27878 Machine Bracket Screw " " Washer " " Washer " " Rivet (2) " Screw (long) to fasten machine to bracket (3) |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R 9281 | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R 9281 115E | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Brake (thermoid) " " " 124264 with 126573 and two 27878 Machine Brake Bracket Screw " " " Washer " " " Washer " " Rivet (2) " Screw (long) to fasten machine to bracket (3) Machine Screw (long) Washer (3) " (short) to fasten machine to bracket |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R 9281 115E | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Bracke (thermoid) " " Bracket " " 124264 with 126573 and two 27678 Machine Brake Bracket Screw " " Washer " " Washer " " Washer " " (Sorew (long) washer (3) " " (short) to fasten machine to bracket Switch Box Plate |
| 435C 731R 126573 124264 124283 1178E 20437 27878 50340R 9281 115E | 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 21529 | 1178E,1672R,1795R,9082,20437,50706R, 51617R, 54640, 124259 to 124261, 124263, 124282, 124283, 124292 to 124294, 876088, two each 327R, 41441 and four each 333R and 731R Machine Bracket Handle " " Set Screw " " Motor Screw (4) " Brake (thermoid) " " " 124264 with 126573 and two 27878 Machine Brake Bracket Screw " " " Washer " " " Washer " " Rivet (2) " Screw (long) to fasten machine to bracket (3) Machine Screw (long) Washer (3) " (short) to fasten machine to bracket |

FITTINGS FOR SINGLE THREAD CHAIN STITCH

FOR 146-1 MACHINE

| No. | Plate | Name |
|--------|-------|---|
| 17686 | 21527 | Feed Dog, 14 teeth (10 teeth to the inch) |
| 49037 | 21527 | Looper |
| 137088 | 21527 | Presser Foot Finger Guard |
| 227J | 21527 | · " " Screw |
| 58004 | 21527 | " Plate |
| 50087J | 21527 | " " Hinge Screw |
| 58005 | 21527 | * Shank |
| 137089 | 21527 | " Toe with 227J, 906C and |
| | | 137088 |
| 58007 | 21527 | Presser Foot Toe Hinge Stud |
| 906C | 21527 | * * * * Set Screw |
| 58008 | 21527 | " " Spring |
| 137090 | 21527 | Presser Foot (hinged) complete, Nos. |
| ** : | | 50087J,58004,58005,58007,58008 and |
| | | 137089 |
| 137237 | 21527 | Throat Plate with 665J and 137238 |
| 137238 | 21527 | * Thread Retainer |
| 665J | 21527 | # # Screw |

ACCESSORIES

| No. | Plate | Name |
|--------|-------|-----------------------------------|
| 120908 | 21532 | Bag Guide Hook |
| 120344 | 21532 | Oller (copper plated) with 120345 |
| 120345 | 21532 | " Spout, 4 1/2 in. long |
| 11831 | 21532 | Screw Driver (large) |
| 26026 | 21532 | " (medium) |
| 26485 | 21532 | " (small) |
| 120341 | 21532 | Tweezers (curved) |
| 8908 | 21532 | Wrench for 1519, 1708 and 1709 |
| 8909 | 21532 | " 1513, 1517 and 1636 |
| 25200 | 21532 | * * 1731 |
| 27662 | 21532 | " 1508 |
| 42089 | 21532 | * 1629 |

FOR TWO SPOOLS OR TWO LARGE CONES OF THREAD

FOR 146-1 MACHINE

| No. | Plate | Name |
|---------|----------|---|
| 225257 | 22248 | Spool Rest with 201018C |
| 150203 | 22248 | " Cushion (felt) (2) |
| 225388 | 22248 | " Rod |
| 200383C | 22248 | " Set Screw |
| 2010180 | 22248 | " Set Screw |
| 202490 | 22248 | * Stand with 200383C |
| 225391 | 22248 | Thread Guide (2) |
| 201696J | 22248 | Lock Nut |
| 225326 | 22248 | Position Cup |
| 225324 | 22248 | " Rod with 208E and 225322 |
| 208E | 22248 | Screw |
| 225322 | 22248 | " " Washer |
| 225258 | 22248 | Thread Unwinder complete, Nos. 201696J, |
| | | 202490,225257,225324,225326,225388, |
| | | two each 150203, 225391 and three |
| | | wood screws 7/8 in. No. 12 |
| 27739 | 22248 | Thread Cone (wood) for large cones |
| 225390 | 22248 | " " Holder, for inverted comes |
| Not | te: Nos. | 27739 and 225390 are used with, but not |
| | include | ad 1n 225258. |

THREAD UNWINDER

(FOR TWO SPOOLS)

FOR 146-30 AND 146-32 MACHINES

| No. | Plate | Name |
|--------|-------|---------------------------------------|
| 124278 | 21533 | Counterbalance with 51288R |
| 51288R | 21533 | * Thumb Screw |
| 225257 | 21533 | Spool Rest with 201018C |
| 150203 | 21533 | <pre>" " Cushion (felt) (2)</pre> |
| 124295 | 21533 | * Rod with 123183 |
| 123183 | 21533 | " " Cotter Pin |
| 124296 | 21533 | * * Extension |
| 137155 | 21533 | " " " Coupling with |
| | | three 1157C |
| 1157C | 21533 | Spool Rest Rod Extension Coupling Set |
| | | Screw (3) |
| 50422C | 21529 | Spool Rest Rod Extension Set Screw |

| No. | Plate | Name |
|---------|-------|--|
| 201018C | 21533 | Spool Rest Set Screw |
| 225391 | 21533 | Thread Guide (2) |
| 201696J | 21533 | Lock Nut |
| 225326 | 21533 | " Position Cup |
| 225324 | 21533 | " Rod with 208E and 225322 |
| 208E | 21533 | * * Screw |
| 225322 | 21533 | " " Washer |
| 124298 | 21533 | Thread Unwinder complete, Nos. 124278, |
| | | 124295,124296,137155,201696J,225257, |
| | | 225324, 225326 and two each 150203 |
| | | and 225391 |

Genuine Singer Needles should be used in Singer Machines. These Needles and their Containers are marked with the Company's Trade Mark "SIMANCO." I

> Needles in Containers marked "For Singer Machines" are <u>not</u> Singer made needles.

NUMERICAL LIST OF PARTS

| No. | Plate | Name |
|--------------|-------|---|
| 115E | 21529 | Machine Screw (short) to fasten machine |
| | | to bracket for 124284 |
| 128D | 21521 | Cloth Plate Screw (lower) |
| 144D | 21520 | Arm Rotary Shaft Screw |
| 145E | 21520 | Crank Connecting Rod Cap Screw for 58033 |
| 156C | 21522 | Looper Carrier Rock Shaft Crank (lower) Position Screw for 124173 |
| 1570 | 21522 | Looper Carrier Hinge Pin Clamping Screw for 124173 |
| 158F | 21521 | Cloth Plate Screw (upper) |
| 159 F | 21520 | Arm Rotary Shaft Flanged Bushing (upper) Screw (3) |
| 161J | 21525 | Thread Cutting Lever Extension Screw for 58012 (2) |
| 170J | 21525 | Thread Cutting Lever Spring Screw Stud., |
| 171E | 21522 | Looper Carrier Pitman Cap (lower) Screw |
| | | for 49088 (2) |
| 172¢ | 21526 | Feed Dog Screw |
| 1720 | 21525 | Thread Cutting Lever Plate Screw |
| 172C | 21522 | " (looper) Eyelet Screw |
| 175E | 21522 | Looper Bell Crank Pitman Cap (back) Screw for 17695 (2) |
| 175E | 21522 | Looper Carrier Clamping Screw for 49044 (2) |
| 175E | 21522 | Looper Carrier Pitman Cap (upper) Screw for 124177 (2) |
| 176J | 21526 | Presser Foot Screw |
| 190J | 21522 | Thread (looper) Take-up Screw |
| 193J | 21519 | Arm Rock Shaft Oil Cover Screw |
| 193F | 21521 | Face Plate Screw (3) |
| 198J | 21520 | Oil Tube Connection Cap Screw for 58044 |
| | | (4) |
| 208E | 22248 | Thread Unwinder Thread Guide Rod Screw for 225324 |
| 212D | 21523 | Presser Bar Lifter Cap Screw |
| 212D | 21523 | " Lifting Link Cap Screw |
| 220J | 21522 | Feed Dog Stop Screw for 17683 |
| 226J | 21521 | Looper Gate Lock Spring Screw for 58024 (2) |
| 227J | 21526 | Presser Foot Finger Guard Screw for 137089 |
| 327R | 21529 | Switch Box Plate Screw for 124284 (2) |
| 333R | 21529 | Machine Belt Guard Screw for 124284 (2). |
| 333R | 21529 | Switch Box Screw for 124284 (2) |
| 344C | 21528 | Machine Counterbalance Cable Sheave Hanger Eyebolt Set Screw for 124271. |
| | | |

| W. | D1a+a | Name | | ш | No. | Plate | Name |
|--------------|----------------|---|----|-------|----------------|----------------|--|
| No. | Plate 21528 | Machine Counterbalance Cable Retaining | | • | 858C | 21529 | Machine Belt Shifter Handle Set Screw |
| 350C | 21220 | Arm Set Screw for 137127 (2) | | | 8380 | STUDE | for 124259 |
| 4000 | 07506 | Throat Plate Screw (small) | | | 882C | 21529 | Machine Belt Shifter Belt Guide Pin Set |
| 402F | 21526 | Arm Rock Shaft Flanged Bushing (lower) | ~ | • | اعمان | 21029 | Screw for 124259 (2) |
| 430C | 21519 | Set Screw | | | 892F | 01507 | * |
| | 01500 | Balance Wheel and Pulley (tight) Set | | | 1360 | 21523 | Presser Bar Lifting Bracket Adjusting |
| 430C | 21520 | Screw for 124001 (2) | | | 9047 | 91500 | Screw for 49065 |
| | | Arm Rotary Shaft Bushing (lower) Set | | | 896E | 21520 | Crank Connecting Rod Adjusting Screw for 58033 |
| 435C | 21520 | | | | 900 | 01500 | |
| | 03500 | Screw Machine Bracket Handle Set Screw for | | | 896E | 21520 | Feed Connecting Rod Cap Screw for 17685 |
| 435C | 21529 | 124299 | | | 906C | 21526 | (2) Presser Foot Toe Hinge Stud Set Screw |
| | | Needle Bar Bushing (back) Set Screw | | | 9000 | 21220 | |
| 435C | 21523 | | | | 9 14F | 21524 | for 137089 Thread (needle) Controller Screw |
| 435C | 21523 | Presser Bar Bushing (back) Set Screw | 4. | | 974F | 21524 | |
| 443C | 21519 | Arm Rock Shaft Bushing Collar Set Screw | • | - | | | mingo berew |
| | | for 17671 (2) | | | 1057E | 21520 | Feed Lifting Eccentric Connection Cap |
| 443C | 21522 | Looper Carrier Rock Shaft Crank (lower) | | | 1000 | 03500 | Screw for 58054 (2) |
| | | Set Screw for 124173 | ۴ | | 1057E | 21522 | Looper Bell Crank Pitman Cap (front) |
| 443C | 21529 | Machine Belt Shifter Bracket Hinge Stud | | | 11100 | 03504 | Screw for 17695 (2) |
| | | Set Screw for 124299 | | | 1110C | 21524 | Tension (looper thread) Screw Stud for |
| 44 60 | 21519 | Arm Rock Shaft Bushing (upper) Set Screw | | | 11100 | 03504 | 20972 |
| 446C | 21520 | Arm Rotary Shaft Flanged Bushing (inter- | | | 1110C | 21524 | Tension (needle thread) Screw Stud for |
| | | mediate) Set Screw | | | 13000 | 03508 | 20972 |
| 448C | 21519 | Arm Rock Shaft Bushing (intermediate) | | | 1133E | 21523 | Needle Bar Bushing (front) Set Screw |
| | | Set Screw | | | 1133E | 21523 | Presser Bar Bushing (front) Set Screw |
| 448C | 21522 | Looper Bell Crank Hinge Stud Set Screw | | | 1147C | 21522 | Looper Carrier Pitman Ball Stud (lower) |
| 448C | 21525 | Thread Cutting Lever Hinge Stud Set | | | 11400 | 07500 | Set Screw for 49044 |
| | | Screw | | | 1147C | 21522 | Looper Set Screw for 49044 |
| 449C | 21520 | Arm Rotary Shaft Lower Bearing Oil Hole | | | 11570 | 21533 | Thread Unwinder Spool Rest Rod Extension |
| | | Plug Screw | | | 33000 | 07500 | Coupling Set Screw for 137155 (3). |
| 449C | 21520 | Oil Pipe Set Screw | | | 1177E | 21522 | Feed Rock Shaft Crank Clamping Screw for |
| 453C | 21520 | Looper Carrier Rock Shaft Collar Set | | | 11000 | 01500 | 124227 (2) |
| | | Screw for 11411 | | | 1178E | 21529 | Machine Brake Bracket Screw for 124284 |
| 453C | 21523 | Presser Bar Lifter Hinge Stud Set Screw. | ~ | . 354 | 12 41 E | 21523 | Presser Bar Lifting Link Spring Screw |
| 453C | 21523 | " Lifting Bracket Set Screw for | | | 125 3 C | 03507 | Stud |
| | | 49065 Day Sat Sangu for 17697 | | | 12550 | 21523 | Presser Bar Lifting Link Hinge Screw |
| 457C | 21522 | Feed Bar Hinge Pin Set Screw for 17683 | • | • | 10500 | 01500 | Stud |
| 457C | 21520 | " Lifting Eccentric Connection Hinge | | | 1259C 1259C | 21520 21520 | Feed Eccentric Set Screw for 17687 (2) |
| | | Pin Set Screw for 58054 | | | 12590 | STOSU | " Lifting Eccentric Set Screw for 17688 (2) |
| 457C | 21523 | Thread (needle) Take-up Set Screw for | | | 1259C | 21520 | |
| | | 49075 | | | 1454E | 21523 | Looper Eccentric Set Screw for 49051 (2) |
| 554E | 21529 | Machine Belt Shifter Bracket Spring | | a | 14941 | 21323 | Needle Bar Connecting Stud Clamping |
| | | Screw Eyelet for 124284 | | • | 15007 | 01500 | Screw for 49268 |
| 574W | 21524 | Pressure Regulating Thumb Screw | | | 1508J | 21522 | Feed Rock Shaft Hinge Pin Nut |
| 590J | 21526 | Looper Thread Guard Screw for 49036 | | | 1508J | 21522 | |
| 622C | 21522 | Feed Rock Shaft Hinge Pin Screw Bearing. | | | 16171 | 01500 | Nut. |
| 665J | 21527 | Throat Plate Thread Retainer Screw for | | | 1513J | 21520 | Crank Connecting Rod Hinge Screw Nut |
| _ | | 137237 | 4 | | 1515E | 21530B | Machine Balancer Cable Drum Brake Hous- |
| 731R | 21529 | Machine Bracket Motor Screw for 124284 | •. | * | 16162 | 215700 | ing Screw Nut for 137156 (2) |
| - | | (4) | | | 1515E | 21530B | Machine Balancer Cable Guide Roller |
| 73 50 | 21521 | Looper Gate Hinge Pin Set Screw for | | | | | Bracket Adjusting Screw Nut for |
| | | 58001 | * | 144 | | * | 137156 (2) |

| | | | Ļ | · • | | Ma | Plate | Nome |
|----------------|----------|--|---|-------------|---|----------------|--------|---|
| No. | Plate | Name | | | | No. | | Name |
| 1517J | 21523 | Needle Bar Connecting Link Hinge Stud | | | | 8908 | 21532 | Wrench for 1519, 1708 and 1709 (Accessories) |
| 1519J | 21522 | NutLooper Carrier Pitman Ball Screw Stud | • | * | | 8909 | 21532 | Wrench for 1513, 1517 and 1636 (Accessories). |
| 35501 | 21524 | (upper) Nut | | | | 9082 | 21529 | Machine Balancer Cable Hook Eyebolt Nut |
| 1539W 1560C | 21524 | Pressure Regulating Thumb Screw Lock Nut Tension (looper Thread) Regulating Thumb | | | | | | Cotter Pin for 124284, for 146-32 |
| 19000 | 21024 | Nut for 20972 | | | | | | Machine |
| 1560C | 21524 | Tension (needle thread) Regulating Thumb Nut for 20972. | | | | 9082 | 21529 | Machine Counterbalance Cable Hook Eye- bolt Nut Cotter Pin for 124284, for |
| 16 1 9J | 21522 | Looper Bell Crank Pitman Ball Screw Stud | | | | | | 146-30 Machine |
| | | (front) Nut | | | | 9082 | 21530A | Machine Balancer Main Spring Safety |
| 1629C | 21523 | Needle Clamping Nut | | | | | | Lever Cotter Pin for 137156 |
| 1636C | 21522 | Looper Bell Crank Pitman Ball Screw Stud (back) Nut | · | | | 9281 | 21529 | Machine Screw (long) Washer for 146-30 and 146-32 Machines (3) |
| 1672R | 21529 | Machine Balancer Cable Hook Eyebolt Lock | | | | 10148 | 21524 | Tension (looper thread) Spring |
| , 10/2N | 21029 | Nut for 124284, for 146-32 Machine | | | | 11411 | 21520 | Looper Carrier Rock Shaft Collar with |
| 1672R | 21529 | Machine Counterbalance Cable Hook Eye- | ۴ | | | | | 453C |
| 10721 | 21023 | bolt Lock Nut for 124284, for 146-30 | • | - | | 11831 | 21532 | Screw Driver (large) Accessories |
| | | Machine | | | | 12000 | 21522 | Feed Regulating Screw Stud Stop Pin for |
| 1672R | 21528 | Machine Counterbalance Cable Sheave | | | | | | 124227 |
| 10701 | 22020 | Hanger Eyebolt Nut for 124272 | | | | 13375 | 21525 | Thread Cutting Lever Extension Handle |
| 1708J | 21522 | Looper Carrier Pitman Rod Nut (lower) | | | | | | (wood) for 124258 |
| _,,,,, | , | for 124174 | | | | 13710 | 21524 | Tension (needle thread) Spring |
| 1709J | 21522 | Looper Carrier Pitman Rod Nut (upper) | | | | *1 5404 | | Trade Mark for 124170 |
| | | for 124174 | | | | 15405 | | Rivet for 124170 (2) |
| 1731C | 21522 | Feed Regulating Screw Stud Nut | | | | 17622 | 21525 | Thread Cutting Blade Spring |
| 1732H | 21525 | Thread Cutting Blade Hinge Screw Nut | | | | 17669 | 21519 | Arm Oil Tube, for intermediate bearing |
| 1795R | 21529 | Machine Balancer Cable Hook Eyebolt | | | • | 17670 | 21519 | " " " lower bearing |
| | | Bracket Bolt Nut for 124284, for 146-32 Machine | | | | 17671 | 21519 | Rock Shaft Bushing Collar with two 443C |
| 1795R | 21529 | Machine Counterbalance Cable Hook Eye- | | | | 17672 | 21520 | Arm Rotary Shaft for 58059 |
| 1,001 | D | bolt Bracket Bolt Nut for 124284, | | | | 17674 | 21520 | " " Bushing (lower) Cap |
| | | for 146-30 Machine | 4 | | | 17675 | 21520 | Arm Rotary Shaft Flanged Bushing (inter- |
| 1796E | 21530A | Machine Balancer Cable Stop Cam Screw | | | | 10000 | | mediate) 011 Hole Plug |
| | | Stud Nut for 137156 | | | | 17676 | 21521 | Arm Side Cover (left) |
| 1933 | 21525 | Thread Cutting Blade Roller and Stud for | ~ | ₩. | | 17677 | 21521 | " " (right) |
| | | 58010 and 58011 (2) | | | | 17679 | 21520 | Balance Wheel and Pulley (tight) Washer. |
| 2102 | 21524 | Tension (looper thread) Disc (2) | | | | 17683 | 21522 | Feed Bar With 220J and 457C |
| 2102 | 21524 | " (needle thread) Disc (2) | | | | 17684 | 21522 | |
| 2269 | 21521 | Arm Side Cover (left) Stop Pin | | | | 17685 | 21520 | " Connecting Rod with 2653, 4784 and two 896E |
| 2269 | 21521 | " " (right) Stop Pin | ç | | | 17686 | 21526 | Feed Dog 14 teeth (10 teeth to the inch) |
| 2653 | 21520 | Feed Connecting Rod Oil Pad Pin for 17685 | | | | 17000 | 21020 | for 58025, 58028 and 137237 |
| 2653 | 21520 | Feed Lifting Eccentric Connection Oil | | | | 17687 | 21520 | Feed Eccentric with two 1259C |
| | | Pad Pin for 58054 | | | | 17688 | 21520 | " Lifting Eccentric with two 1259C |
| 4784 | 21520 | Feed Connecting Rod Oil Pad (felt) for | | | | 17690 | 21522 | Regulating Screw Stud Sleeve |
| - · | | 17685 | | | | 17693 | 21522 | * Rock Shaft Hinge Pin |
| 4784 | 21520 | Feed Lifting Eccentric Connection Oil | ۳ | . * | | 17694 | 21522 | Looper Bell Crank |
| | | Pad (felt) for 58054 | | | | 17695 | 21522 | " " Pitman with two each |
| 4784 | 21522 | Looper Carrier Oil Pad (felt) for 49044. | | | | | | 175E and 1057E |

| φU | | HOMERICAL LIST OF PARTS | | | | | |
|-------|-------|--|---|----------|----------------|-------|--|
| Ma | Plate | Name | * | * | No. | Plate | Name |
| No. | 21525 | Thread Cutting Lever Spring | | | 49059 | 21523 | Presser Bar |
| 19510 | | Machine Brake Bracket Screw Washer for | | | 49060 | 21523 | " " Bushing (back) |
| 20437 | 21529 | 124284 | * | 100 | 49061 | 21523 | " " (front) |
| | | Tension (looper thread) Screw Stud 11100 | | * | 49065 | 21523 | " Lifting Bracket with 453C |
| 20972 | | | | | #3000 | 21000 | and 892F |
| | | with 1560C | | | 40000 | 01504 | Presser Bar Spring (flat) |
| 20972 | | Tension (needle thread) Screw Stud 11100 | | | 49067 | 21524 | |
| | | with 1560C | | | 49071 | 21522 | Thread (looper) Eyelet |
| 25128 | | Machine Belt Hook for 124285 | ! | | 49072 | 21522 | . take-up |
| 25200 | 21532 | Wrench for 1731 (Accessories) | | | 49073 | 21524 | (meedic) controliter |
| 26026 | 21532 | Screw Driver (medium) Accessories | | | 49075 | 21523 | Take-up with forc |
| 26485 | 21532 | " (small) Accessories | | | 49080 | 21526 | Looper Thread Guard for 49036 |
| 27398 | 21522 | Feed Rock Shaft Washer (2) | | | 49084 | 21519 | Arm Rock Shaft Oil Cover |
| 27662 | 21532 | Wrench for 1508 (Accessories) | ← | _ | 49088 | 21522 | Looper Carrier Pitman Head (lower) for |
| 27739 | 22248 | Thread Unwinder Thread Cone (wood) for | | • | | | 124174, Nos. 46237 and two 171E |
| | | large cones for 225258 | | | 49093 | 21520 | Arm Rotary Shaft Flanged Bushing (upper) |
| 27878 | 21529 | Machine Brake Rivet for 124283 (2) | | | | | Oil Pad (long) braided cotton for |
| | 21522 | Looper Carrier Hinge Pin | • | * | | | 49012 |
| 38440 | | Presser Bar Spring Stud | | | 49109 | 21520 | Crank Connecting Rod Adjusting Washer |
| 38468 | 21524 | Thread (needle) Controller Screw Washer. | | | | | for 58033 |
| 39541 | 21524 | Machine Belt Shifter Belt Guide Pin for | | | 49156 | 21519 | Arm Rock Shaft |
| 41441 | 21529 | WECUING BEIT SUITCEL BEIT GUIDE I'M TOT | | | 49167 | 21523 | Needle Bar Connecting Link with 49057 |
| | | 124284 (2) | | | 49101 | 21020 | and 49268 |
| 42089 | 21532 | Wrench for 1629 (Accessories) | | | 407.00 | | 011 Tube Connection Cap for 58044 |
| 46237 | 21522 | Looper Carrier Pitman Ball Stud (lower) | | | *491 89 | | |
| | | for 49088 | | | 49220 | 21524 | Tension (looper thread) Thread Guide |
| 49003 | 21519 | Arm Rock Shaft Bushing (upper) | | | 49220 | 21524 | " (needle thread) Thread Guide |
| 49004 | 21519 | " " " (intermediate) | | | 492 61 | 21519 | Arm Rock Shaft Bushing Crank (upper) |
| 49005 | 21519 | " " Flanged Bushing (lower) | | | | | with 50282E and 50457C |
| 49012 | 21520 | Rotary Shaft Flanged Bushing (upper) | | | 49262 | 21519 | Arm Rock Shaft Bushing Crank (lower) |
| | | with 49013 and 49093 | | • | | | with 50282E and 50457C |
| 49013 | 21520 | Arm Rotary Shaft Flanged Bushing (upper) | | | 49268 | 21523 | Needle Bar Connecting Stud with 1454E, |
| | | 011 Pad (short) braided cotton for | | | | | for 49167 |
| | | 49012 | | | 49276 | 21520 | Looper Carrier Rock Shaft Crank (upper) |
| 49020 | 21521 | Face Plate | | <i>y</i> | | | forked, with 140174C |
| 49030 | 21522 | Feed Lifting Eccentric Connection Hinge | | | 50070C | 21522 | Looper Bell Crank Pitman Ball Screw Stud |
| 49050 | ETORE | Pin | | | | | (back) |
| 40000 | 01500 | Feed Rock Shaft for 124228 | + | · 34 | 50070C | 21522 | Looper Carrier Pitman Ball Screw Stud |
| 49033 | 21522 | Looper with 590J and 49080 | | τ, | 000.00 | | (upper) for 124177 |
| 49036 | 21526 | for single thread chain stitch for | | | 50087J | 21526 | Presser Foot Plate Hinge Screw for |
| 49037 | 21527 | . IOL BINKTA CHIANG CHAIN POLON LOS | | | 000070 | 2000 | 137090 |
| | | 146-1 Machine | | | 50244C | 21520 | Crank Connecting Rod Hinge Screw |
| 49039 | 21522 | Looper Bell Crank Hinge Stud | | | | 21522 | Feed Regulating Screw Stud |
| 49043 | 21522 | Carrier Pitman Rod Washer (fibre) | | | 50245C | | Looper Bell Crank Pitman Ball Screw Stud |
| 49044 | 21522 | " with 4784 and two each | | | 50246C | 21522 | |
| • | | 175E, 1147C and 59019 | | | · | | (front) |
| 49046 | 21522 | Looper Carrier Pitman Rod for 124174 | | | 50247C | 21525 | Thread Cutting Blade Hinge Screw |
| 49049 | 21520 | Looper Carrier Rock Shaft Crank (upper) | | | 50282E | 21519 | Arm Rock Shaft Bushing Crank (lower) Po- |
| | | Slide Block | | | | | sition Screw for 49262 |
| 49051 | 21520 | Looper Eccentric with two 1259C | L | | 50282E | 21519 | Arm Rock Shaft Bushing Crank (upper) Po- |
| 49054 | 21521 | " Gate Lock Spring for 58024 | • | • | | | sition Screw for 49261 |
| 49056 | 21523 | Needle Bar Bushing (back) | | | 50340R | 21529 | Machine Screw (long) to fasten machine |
| 49057 | 21523 | " Connecting Link Hinge Stud for | | | | | to bracket for 146-30 and 146-32 Ma- |
| 4900/ | PTORU | 49167 | * | L | | | chines (3) |
| | | ZATA: # * * * * * * * * * * * * * * * * * * | | 7 | | | |

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|-----------------|---------|---|
| No. | Plate | Name |
| 50422C | 21529 | Thread Unwinder Spool Rest Rod Extension |
| | | Set Screw for 124299 |
| 50457C | 21519 | Arm Rock Shaft Bushing Crank (lower) Set |
| | | Screw for 49262 |
| 50457C | 21519 | Arm Rock Shaft Bushing Crank (upper) Set |
| | | Screw for 49261 |
| 50 674 E | 21530B | Machine Balancer Cable Drum Brake Hous- |
| | | ing Screw for 137156 (2) |
| 50706R | 21529 | Machine Balancer Cable Hook Eyebolt |
| | | Bracket Bolt for 124284, for 146-32 |
| | | Machine |
| 50706R | 21529 | Machine Counterbalance Cable Hook Eye- |
| | | bolt Bracket Bolt for 124284, for |
| | 03.5000 | 146-30 Machine |
| 50807E | 21530B | for 145030 (2) |
| 50050D | 21530A | Machine Balancer Swivel Stud Brake Ad- |
| 50959E | 21000A | justing Screw for 137156 |
| 51224W | 21521 | Arm Side Cover (left) Thumb Screw |
| 51224W | 21521 | " (right) Thumb Screw |
| 51287C | 21528 | Machine Counterbalance Cable Sheave |
| 010070 | | Hinge Pin Set Screw for 124271 |
| 51288R | 21533 | Thread Unwinder Counterbalance Thumb |
| | | Screw for 124278 |
| 51617R | 21529 | Machine Balancer Cable Hook Eyebolt Nut |
| | | for 124284, for 146-32 Machine |
| 51617R | 21529 | Machine Counterbalance Cable Hook Eye- |
| | | bolt Nut for 124284, for 146-30 Ma- |
| | | chine |
| 51708E | 21530B | Machine Balancer Cable Stop Clamp Screw |
| | | Nut for 145030 (2) |
| 51709E | 21530A | Machine Balancer Swivel Stud Brake Ad- |
| | | justing Screw Nut for 137156 |
| 52150 | 21520 | Arm 011 Tube Packing (wick) for 58030 |
| 54640 | 21529 | Machine Belt Shifter Bracket Hinge Stud for 124284 |
| 54897 | 21520 | Arm Oil Tube Oil Cup for 58030 |
| 54897 | 21520 | Oil Pipe Holder Oil Cup for 58037 |
| 58001 | 21521 | Looper Gate with 735C, for 58024 |
| 58002 | 21521 | " " Hinge Pin for 58024 |
| 5800£ | 21526 | Presser Foot Plate for 137090 |
| 58005 | 21526 | " " Shank for 137090 |
| 58007 | 21526 | " Toe Hinge Stud for 137090 |
| 58008 | 21526 | " " Spring for 137090 |
| 58010 | 21525 | Thread Cutting Blade (inside) with 1933. |
| 58011 | 21525 | " " (outside) with 1933 |
| 58012 | | " Lever 124256 with 58013 |
| | | and two 161J |
| 58013 | 21525 | Thread Cutting Lever Extension for 58012 |
| 58014 | 21525 | Thread Cutting Lever Plate |
| | | |

| No. | Plate | Name |
|--------------------------------|--------|--|
| 58023 | 21521 | Cloth Plate for 58024 |
| 58024 | 21521 | Cloth Plate complete, Nos. 49054, 58001, 58002, 58023 and two 226J |
| 58025 | 21526 | Throat Plate (large needle hole) for 17686 |
| 58028 | | Throat Plate (small needle hole) for 17686 |
| 58030 | 21520 | Arm 011 Tube with 52150 and 54897, for oiling 58033 |
| 58031 | 21520 | Arm Rotary Shaft Bushing (lower) |
| 58032 | 21520 | " * Flanged Bushing (intermediate) |
| 58033 | 21520 | Crank Connecting Rod with 896E, 49109 and two 145E, for 58059 |
| 58035 | 21523 | Needle Bar Bushing (front) |
| 58036 | 21520 | 011 Pipe for 58037 |
| 58037 | | " 58036 with 54897, 58038 and 58039, for Arm Rotary Shaft Lower |
| E0070 | 21520 | Bearing |
| 58 038 58 039 | 21520 | 0il Pipe Holder for 58037 * Packing (braided cotton) for |
| 20009 | 03613 | 580375 |
| 58040 | 21520 | Oil Tube for 58041 |
| 58041 | | " 58040 with 58044 and 58045, for |
| 00011 | | oiling 49049 and 49051 |
| 58042 | 21520 | 011 Tube for 58043 |
| 58043 | | " 58042 with 58044 and 58045, for Arm Rotary Shaft Intermediate Bear- |
| 5 0044 | 03500 | ing |
| 58044 | 21520 | 011 Tube Connection with 49189 and two 198J, for 58041 and 58043 (2) |
| 58045 | 21520 | Oil Tube Packing (braided cotton) for 58041 and 58043 (2) |
| 58046 | 21523 | Presser Bar Lifter |
| 58047 | 21523 | " " Hinge Stud |
| 58048 | 21523 | * Lifting Link |
| 58049 | 21523 | " " Spring |
| 58052 | 21523 | Needle Bar |
| 58054 | 21520 | Feed Lifting Eccentric Connection with 457C, 2653, 4784 and two 1057E |
| 58059 | | Arm Rotary Shaft 17672 with 58083 |
| 59019 | 21522 | Looper Carrier Gib for 49044 (2) |
| 67425 | 21530B | Machine Balancer Cable Drum Brake Hous- ing Screw Nut Washer for 137156 (2) |
| 67425 | 21530A | Machine Balancer Cable Drum Cover Screw Lock Washer for 137156 (4) |
| 67425 | 21530A | Machine Balancer Cable Drum Shaft Adjusting Wheel Cover Screw Lock Washer for 137156 (3) |
| 67425 | 21530B | Machine Balancer Cable Guide Roller Bracket Adjusting Screw Washer for 137156 (2) |

| | | | | | | | THE PROPERTY OF TAKEN |
|------------------|----------------|--|----|------------|---------|--------|--|
| No. | Plate | Name | + | | No. | Plate | Name |
| 67425 | 21530A | Machine Balancer Frame Cover Screw Lock | | | 124272 | | Machine Counterbalance Cable Sheave |
| 68714 | 21520 | Washer for 137156 (6) Pulley (loose) Ball Bearing for 137132 | | 1. | | | Hanger 124271 with 1672R, 124289 and |
| 120341 | 21532 | Tweezers (curved) Accessories | | , • | | | 124290, for 124287 |
| 120344 | 21532 | Oiler (copper plated) with 120345 (Ac- | | (| 124275 | 21528 | Machine Counterbalance Cable Sheave |
| 100011 | 2100 | cessories) | | } | | | Roller Bearing for 124287 |
| 120345 | 21532 | Otler Spout, 4 1/2 in. long, for 120344. | ' |) | 124276 | 21528 | Machine Counterbalance Eyebolt for |
| 120908 | 21532 | Bag Guide Hook (Accessories) | | Į | 124278 | 21533 | 124300 Thread Unwinder Counterbalance with |
| 123183 | 21533 | Thread Unwinder Spool Rest Rod Cotter | | } | LE4E/O | 21000 | 51288R, for 124298 |
| - | | Pin for 124295 | | i | 124282 | 21529 | Machine Belt Shifter Handle for 124284 |
| 124001 | 21520 | Balance Wheel and Pulley (tight) 2 7/8 | | 1. | 124283 | 21529 | Brake Bracket 124264 with 126573 |
| | | in. diam., with two 430C, for 137130 | | 1 | | | and two 27878, for 124284 |
| *124 170 | | Arm, upper and lower (solid) with 15404 | ٠. | | *124284 | 21529 | Machine Bracket 124299 with 115E, 554E, |
| 204202 | 03505 | and two 15405 | • | ;) | | | 1178E,1672R,1795R,9082,20437,50706R, |
| 124171 124173 | 21525 21522 | Thread Cutting Lever Hinge Stud Looper Carrier Rock Shaft Crank (lower) | | j | | | 51617R, 54640, 124259 to 124261, |
| 1841/0 | 23012 | with 156C, 157D and 443C | | 1 | | | 124263, 124282, 124283, 124292 to |
| 124174 | | Looper Carrier Pitman complete, Nos. | ۲ | - | | | 124294,876088, two each 327R, 41441 |
| 2022.4 | | 1708J,1709J,49046,49088 and 124177 | | I . | | | and four each 333R and 731R, for |
| 124177 | 21522 | Looper Carrier Pitman Head (upper) for | ` | K | 104005 | | 146-30 and 146-32 Machines |
| | • | 124174, Nos. 50070C and two 175E | | 1 | 124285 | | long, with 25128, for 146-30 and |
| 124227 | 21522 | Feed Rock Shaft Crank with 12000 and two | | 1 | | | 146-32 Machines |
| | | 1177E, for 124228 | | į | 124287 | | Machine Counterbalance Cable Sheave |
| 124228 | | Feed Rock Shaft complete, Nos. 49033 and | | į. | 2220, | | Hanger 124272 with 124270, 124275, |
| | | 124227 | | 7 | | | 137128, 898622 and two 137127, for |
| 124256 | 21525 | Thread Cutting Lever for 58012 | | ť | | | 146-30 Machine |
| 124257 | 21525 | Extension for 124258 | | 3 | 124289 | 21528 | Machine Counterbalance Cable Sheave |
| 124258 | 21525 | TEARD) ATOR | | | | | Hanger Eyebolt for 124272 |
| 124259 | 21529 | 13375 Machine Belt Shifter Bracket with 858C | | • | 124290 | 21528 | Machine Counterbalance Cable Sheave |
| 10100 | 21000 | and two 8820, for 124284 | * | 1 | | | Hanger Eyebolt Nut Lock Washer for |
| 124260 | 21529 | Machine Belt Shifter Bracket Spring for | • | 1 | 124292 | 21529 | 124272 Machine Belt Guard for 124284 |
| | | 124284 | | | 124293 | 21529 | Balancer Cable Hook Eyebolt for |
| 124261 | 21529 | Machine Belt Shifter Bracket Spring Po- | | 1 | TEATER | 21020 | 124284, for 146-32 Machine |
| | | sition Pin for 124284 | | j | 124293 | 21529 | Machine Counterbalance Cable Hook Eye- |
| 124263 | 21529 | Machine Bracket Handle for 124284 | | } . | | | bolt for 124284, for 146-30 Machine. |
| 124264 | 21529 | Brake Bracket for 124283 | • | , " | 124294 | 21529 | Machine Balancer Cable Hook Eyebolt |
| 124266 | 21528 | Counterbalance Cable, length 20 | | ļ | | | Bracket for 124284 for 146-32 Ma- |
| 104060 | | ft. (3/8 in.) for 124267 | | į. | | | chine |
| 124267 | | Machine Counterbalance Cable 124266 with 124269, for 146-30 Machine | | Í | 124294 | 21529 | Machine Counterbalance Cable Hook Eye- |
| 124268 | 21531 | Machine Balancer Auxiliary Cable Clamp, | | ì | | | bolt Bracket for 124284, for 146-30 |
| 202200 | 21001 | size 3/8 in. for 137236 (2) | | (| 104005 | 01 500 | Machine |
| 124268 | 21528 | Machine Counterbalance Cable Clamp, size | | (| 124295 | 21533 | Thread Unwinder Spool Rest Rod with 123183, for 124298 |
| | | 3/8 in., for 148-30 Machine (2) | |) | 124296 | 21533 | Thread Unwinder Spool Rest Rod Extension |
| 124269 | 21528 | Machine Counterbalance Cable Hook for | | į | INTEGO | 21000 | for 124298 |
| 4.5 | | 124267 | | "] | 124298 | 21583 | Thread Unwinder complete for two spools |
| 124270 | 21528 | Machine Counterbalance Cable Sheave for | L. | } → | | | for 146-30 and 146-32 Machines, Nos. |
| | | 124287 | | i i | | | 124278,124295,124296,137155,201696J, |
| 124271 | 21528 | Machine Counterbalance Cable Sheave | | Q | | | 225257, 225324, 225326 and two each |
| | | Hanger with 344C and 51287C, for | , | \ _ | | | 150203 and 225391 |
| | | 124272 | , | † ' | | | |

| No. | Plate | Name |
|----------------|--------|---|
| 124299 | 21529 | Machine Bracket with 435C, 443C and |
| | | 50422C, for 124284 |
| 124300 | 21528 | Machine Counterbalance (112 lbs.) with 124276, for 146-30 Machine |
| 126150 | 21530B | Machine Balancer Cable Stop Clamp Screw |
| 100100 | NT000D | Nut Lock Washer for 145030 (2) |
| 126573 | 21529 | Machine Brake (thermoid) for 124283 |
| 126846 | 21530B | " Balancer Cable Guide Roller |
| | | Bracket Cap Screw Lock Washer for 137156 |
| 137088 | 21526 | Presser Foot Finger Guard for 137089 |
| 137089 | 21526 | " Toe with 227J, 906C and |
| | | 137088, for 137090 |
| 137090 | 21526 | Presser Foot (hinged) complete, Nos. |
| | | 50087J,58004,58005,58007,58008 and |
| | | 137089 |
| 137127 | 21528 | Machine Counterbalance Cable Retaining |
| | | Arm (left and right) with 350C, for |
| | | 124287 (2) |
| 137128 | 21528 | Machine Counterbalance Cable Sheave |
| 700700 | 07500 | Hinge Pin for 124287 |
| 137130 | 21520 | Pulleys (ball bearing) complete, Nos. 124001 and 137136 |
| 137131 | 21520 | Pulley (loose) 2 7/8 in. diam., with |
| | | 200584D, for 137132 |
| 137132 | | Pulley (loose) 137131 with 68714, for |
| | | 137136 |
| 137133 | 21520 | Pulley (loose) Spacing Collar for 137136 |
| 137136 | | Pulley (loose) 137132 with 137133, for 137130 |
| 137138 | 21520 | Looper Carrier Rock Shaft |
| 137155 | 21533 | Thread Unwinder Spool Rest Rod Extension |
| | | Coupling with three 1157C, for 124298 |
| 137156 | 21530A | Machine Balancer with 137158, for 146-32 |
| 101100 | NIOOOM | Machine |
| 1371 58 | 21530B | Machine Balancer Socket Wrench for |
| | | 137156 |
| 137159 | 21531 | Machine Balancer Cable for 137156 |
| 137235 | 21531 | " Auxiliary Cable for 137236 |
| 137236 | 21531 | Machine Balancer Auxiliary Cable com- |
| | | plete for 146-32 Machine, Nos.137235 |
| | | and two 124268 |
| 137237 | 21527 | Throat Plate with 665J and 137238, for |
| | | 17686, for single thread chain |
| 3.777077 | 01500 | stitch, for 146-1 Machine |
| 137238 | 21527 | Throat Plate Thread Retainer for 137237. |
| 137239 | 21530B | Machine Balancer Cable Collar for 137156 " " Guide Roller for |
| 137240 | 21530B | 137243Guide Roller for |
| 137241 | 21530B | Machine Balancer Cable Guide Roller |
| | | Bracket for 137243 |
| | | |

| No. | Plate | Name |
|----------------|--------|---|
| 137242 | 21530B | Machine Balancer Cable Guide Roller Pin |
| | | for 137243 |
| 137243 | 21530B | Machine Balancer Cable Guide Roller With Bracket complete for 137156, Nos. |
| | | 137240 to 137242 |
| 137244 | 21530B | Machine Balancer Cable Protecting Hose |
| | | and Bumper for 137156 (2) |
| 137245 | 21530B | Machine Balancer Cable Protecting Hose |
| | | and Bumper Stop for 137156 |
| 137246 | 21530A | Machine Balancer Cable Stop Cam for 137156 |
| 137247 | 21530A | Machine Balancer Cable Stop Cam Plunger |
| TO/ET/ | DIOCOM | Spring for 137156 |
| 137248 | 21530A | Machine Balancer Cable Drum Brake |
| | | (fibre) for 137156 |
| 137249 | 21530A | Machine Balancer Cable Drum Brake Ten- |
| 3/70050 | 075704 | sion Spring for 137156 |
| 137250 | 21530A | 137156 |
| 140150F | 21526 | Throat Plate Screw (large) |
| 140174C | 21520 | Looper Carrier Rock Shaft Crank (upper) |
| | | forked, position Screw for 49276 |
| 140336C | 21530B | Machine Balancer Cable Guide Roller |
| | | Bracket Adjusting Screw for 137156 |
| 140337E | 21530B | (2) Machine Balancer Cable Guide Roller |
| 1400015 | 210000 | Bracket Cap Screw for 137156 |
| 140338C | 21530A | Machine Balancer Cable Stop Cam Plunger |
| | | Spring Adjusting Screw for 137156 |
| 140339C | 21530A | Machine Balancer Cable Drum Brake Ten- |
| 140355E | 21530A | sion Spring Screw for 137156 Machine Balancer Cable Drum Cover Screw |
| 1400001 | Z1290A | for 137156 (4) |
| 140356E | 21530A | Machine Balancer Cable Drum Shaft Ad- |
| | | justing Wheel Cover Screw for 137156 |
| | | (3) |
| 140356E | 21530A | Machine Balancer Frame Cover Screw for |
| 145001 | 21530A | 137156 (6) |
| 140001 | AUGGLA | justing Wheel for 137156 |
| 145002 | 21530A | Machine Balancer Cable Drum Shaft Ad- |
| | | justing Wheel Thrust Bearing for |
| | | 137156 |
| 145003 | 21530A | Machine Balancer Cable Drum Shaft Ad- |
| | | justing Wheel Thrust Washer for 137156 |
| 145004 | 21530A | Machine Balancer Cable Drum Shaft Bear- |
| | | ing for 137156 (2) |
| 14500 5 | 21530A | Machine Balancer Main Spring with 145036 |
| | | (No. "60" stamped on spring) for |
| | | 137156 |

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| W- | Plate | Name |
|--------|-----------------|--|
| No. | | |
| 145006 | 21530A | Machine Balancer Main Spring with 145036 |
| | | (No. "100" stamped on spring) for |
| | | 137156 |
| 145007 | 21530A | Machine Balancer Main Spring Safety |
| | | Plunger (inside) Compression Spring |
| | | for 137156 |
| 145007 | 21530B | Machine Balancer Main Spring Safety |
| | | Plunger (outside) Compression Spring |
| | | for 137156 |
| 145008 | 21530A | Machine Balancer Main Spring Safety |
| | | Plunger (inside) Cushion Spring for |
| | | 137156 |
| 145009 | 21530B | Machine Balancer Main Spring Safety |
| | | Plunger (outside) Lock Ring for |
| | | 137156 |
| 145010 | 21530A | Machine Balancer Swivel Stud Brake |
| | | Spring for 137156 |
| 145017 | 21530A | Machine Balancer Cable Stop Cam Screw |
| | | Stud for 137156 |
| 145018 | 215 3 0A | Machine Balancer Cable Stop Cam Bushing |
| | | for 145034 |
| 145019 | 21530B | Machine Balancer Main Spring Safety |
| | | Plunger (outside) for 137156 |
| 145020 | 21530A | Machine Balancer Cable Stop Cam Plunger |
| | • | for 137156 |
| 145021 | 21530B | Machine Balancer Cable Clamp complete |
| | | for 137156 |
| 145022 | 21530A | Machine Balancer Cable Drum for 137156 |
| 145023 | 21530B | " " " Brake Housing |
| | | for 137156 |
| 145024 | 21530A | Machine Balancer Cable Drum Shaft for |
| | | 137156 |
| 145025 | 21530A | Machine Balancer Cable Drum Shaft Ad- |
| | | justing Wheel Cover for 127156 |
| 145026 | 21530A | Machine Balancer Cable Drum Shaft Ad- |
| | | justing Wheel Key for 137156 |
| 145027 | 21530B | Machine Balancer Cable Hook for 137156 |
| 145028 | 21530A | " " Stop Cam Plunger |
| | | Spring Housing for 137156 |
| 145029 | 21530B | Machine Balancer Cable Stop Clamp (two |
| | | pieces) for 145030 |
| 145030 | 21530B | Machine Balancer Cable Stop Clamp com- |
| | | plete for 137156, Nos. 145029 and |
| | | two each 50807E, 51708E and 126150 |
| 145031 | 21530B | Machine Balancer Cable Thimble for |
| | | 137156 |
| 145032 | 21530A | Machine Balancer Frame for 137156 |
| 145033 | 21530A | " Cover for 145034. |
| 145034 | | " 145033 with |
| | | 145018, for 137156 |
| | | • |

| No. | Plate | Name |
|------------------|--|---|
| 145035 | 21530A | Machine Balancer Main Spring Adjusting |
| | | Screw for 137156 |
| 145036 | 21530A | Machine Balancer Main Spring Keeper Ring |
| 110000 | | for 145005 and 145006 (2) |
| 145037 | 21530A | Machine Balancer Main Spring Keeper Ring |
| 140007 | STOOM | Retainer Pin for 137156 |
| * 45.050 | 015504 | |
| 145038 | 21530A | Machine Balancer Main Spring Plate for |
| | | 137156 |
| 145039 | 21530A | Machine Balancer Main Spring Safety |
| | | Lever for 137156 |
| 145040 | 21530A | Machine Balancer Main Spring Safety |
| | | Lever Plate for 137156 |
| 145041 | 21530A | Machine Balancer Main Spring Safety |
| | | Plunger (inside) for 137156 |
| 145042 | 21530A | Machine Balancer Main Spring Separating |
| 110012 | | Ring for 137156 |
| 145043 | 21530A | Machine Balancer Main Spring Sleeve for |
| 140040 | PTOOUR | |
| | | 137156 (2) |
| 145044 | 21530B | Machine Balancer Safety Eyebolt for |
| | | 137156 |
| 145045 | 21530a | Machine Balancer Suspension Hook for |
| | | 145049 |
| 145046 | 21530A | Machine Balancer Suspension Hook Latch |
| | | for 145049 |
| 145047 | 21530A | Machine Balancer Suspension Hook Latch |
| | | Pin for 145049 (2) |
| 145048 | 21530A | Machine Balancer Suspension Hook Latch |
| 210010 | | Spring for 145049 |
| 145049 | 21530A | Machine Balancer Suspension Hook com- |
| 140043 | DIOCOR | plete for 137156, Nos.145045,145046, |
| | | 145048 and two 145047 |
| 3.45050 | 075504 | Machine Balancer Swivel Stud for 137156. |
| 145050 | 21530A | PRODUM BAIRNOST SWIVEL SUNG TOT 15/156. |
| 145051 | 21530A | " Ball Ring |
| | | for 137156 |
| 145052 | 21530A | Machine Balancer Swivel Stud Brake |
| | | (brass) for 137156 |
| 145053 | 21530A | Machine Balancer Swivel Stud Bushing for |
| | | 137156 |
| 145054 | 21530A | Machine Balancer Swivel Stud Locking Pin |
| | | (grooved) for 137156 |
| 150203 | 22248 | Thread Unwinder Spool Rest Cushion |
| | | (felt) for 124298 and 225258 (2) |
| 200383C | 22248 | Thread Unwinder Spool Rest Rod Set Screw |
| 2000000 | ************************************** | for 202490 |
| 0005045 | 01500 | |
| 200584D | 21520 | Pulley (loose) Oil Plug Screw for 137131 |
| 201018C | 22248 - | Thread Unwinder Spool Rest Set Screw for |
| | | 225257 |
| 201 6 96J | 22248 | Thread Unwinder Thread Guide Lock Nut |
| | | for 124298 and 225258 |
| 202490 | 22248 | Thread Unwinder Spool Stand with 200383C, |
| | | for 225258 |
| | | _ |

NUMERICAL LIST OF PARTS

| No. | Plate | Name |
|--------|--------|--|
| 225257 | 22248 | Thread Unwinder Spool Rest with 201018C, for 124298 and 225258 |
| 225258 | 22248 | Thread Unwinder complete for two spools or two large cones of thread for 146-1 Machine, Nos. 201696J, 202490, 225257, 225324, 225326, 225388, two each 150203, 225391 and three wood screws 7/8 in. No. 12 |
| 225322 | 22248 | Thread Unwinder Thread Guide Rod Washer for 225324 |
| 225324 | 22248 | Thread Unwinder Thread Guide Rod With 208E and 225322, for 124298 and 225258 |
| 225326 | 22248 | Thread Unwinder Thread Guide Position Cup for 124298 and 225258 |
| 225388 | 22248 | Thread Unwinder Spool Rest Rod for 225258 |
| 225390 | 22248 | Thread Unwinder Thread Cone Holder for inverted cones for 225258 |
| 225391 | 22248 | Thread Unwinder Thread Guide for 124298 and 225258 (2) |
| 876088 | 21529 | Switch Box Plate for 124284 |
| 898622 | 21528 | Machine Counterbalance Cable Sheave Grease Cup for 124287 |
| 701481 | 21530B | Machine Balancer Safety Eyebolt Lock Washer for 137156 |

