SINGER
103W2,W3
LIST OF PARTS

INDEX

MACHINES Nos. 103w2 and 103w3

THE SINGER MANUFACTURING COMPANY
Instructions for Ordering

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 or 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 and Plated.
B. Polished and Plated.
C. Hardened only.
D. Polished only.
E. Soft, not polished.
F. Hardened and Polished.
H. Blued.
J. Nickle Plated only
R. Merized.
Y. Black Nickle Plated only.

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

In this series

200001 to 201500 and 350001 to 351500 are Screw Numbers.
201501 to 201800 and 351501 to 351800 are Nut Numbers.
201801 to 202000 and 351801 to 352000 are Roller Numbers.
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.

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**LIST OF PARTS COMPLETE FOR**

**MACHINE No. 103w2**

**WHEEL FEED, MOVABLE HEAD**

For Sewing a Sweat Leather with Reed or Wire Attached, into Stiff, Soft or Straw Hats

Makes stitches alternately 3/4 and 5/8 inch long

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**Parts for Machine No. 103w2**

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**Parts for Machine No. 103w2**

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LIST OF PARTS COMPLETE
FOR
MACHINE No. 103w3
WHEEL FEED. MOVABLE HEAD

For Sewing a Sweat Leather with Reed or Wire Attached, into Stiff, Soft and Straw Hats
Makes 1 inch stitches

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Part of Machine No. 103w3
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# ACCESSORIES

**FOR MACHINE No. 103w2**

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**BOBBIN WINDER**

Swing Automatic, Right Hand

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<tr>
<td>202478</td>
<td>10884</td>
<td>&quot; Trip Lever</td>
</tr>
<tr>
<td>200299t</td>
<td>10884</td>
<td>&quot; &quot; Hinge Screw</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>225461</td>
<td>10881</td>
<td>Tension Bracket with 2241396</td>
</tr>
<tr>
<td>2241396</td>
<td>10881</td>
<td>&quot; Screw</td>
</tr>
<tr>
<td>225461</td>
<td>10881</td>
<td>&quot; Washer</td>
</tr>
<tr>
<td>126x3</td>
<td>——</td>
<td>Disc</td>
</tr>
<tr>
<td>204149</td>
<td>10881</td>
<td>&quot; Spring</td>
</tr>
<tr>
<td>204149</td>
<td>10881</td>
<td>&quot; Stud</td>
</tr>
<tr>
<td>2041572</td>
<td>10881</td>
<td>&quot; Thumb Nut</td>
</tr>
<tr>
<td>224462</td>
<td>10881</td>
<td>Bobbin Winder Tension Bracket complete, Nos. 2241396, 224140, 224161 and two 12102</td>
</tr>
<tr>
<td>225465</td>
<td>10885</td>
<td>Bobbin Winder and Tension Bracket Base</td>
</tr>
<tr>
<td>225462</td>
<td>10885</td>
<td>Universal Bobbin Winder complete, Nos. 2200356, 220036, 220036h, 220273, 220278, 220341, 220345, 220414, 220453 to 220456, 220468, 220462, 220926, two each 220459 and wood screws 7 in, No. 12, R.H.B.</td>
</tr>
</tbody>
</table>

**TREADLE, SINGLE FOOT (RIGHT)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>227610</td>
<td>12419</td>
<td>Treadle, single foot (right) with 220626</td>
</tr>
<tr>
<td>227610</td>
<td>12419</td>
<td>Treadle Chain, 4½ in, long, with two 220784</td>
</tr>
<tr>
<td>227612</td>
<td>12419</td>
<td>Treadle Chain Eye Pin</td>
</tr>
<tr>
<td>227613</td>
<td>12419</td>
<td>&quot; Hook</td>
</tr>
<tr>
<td>2206576</td>
<td>12414</td>
<td>&quot; Set Screw</td>
</tr>
<tr>
<td>227613</td>
<td>12419</td>
<td>&quot; Shaft</td>
</tr>
<tr>
<td>227614</td>
<td>12419</td>
<td>&quot; Spring</td>
</tr>
<tr>
<td>227610</td>
<td>12419</td>
<td>&quot; Stand with four wood screws ½ in, No. 12</td>
</tr>
<tr>
<td>227621</td>
<td>——</td>
<td>Treadle, single foot (right) and Stand complete, Nos. 227610, 227611 to 227614, 227620 and 227779</td>
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</tbody>
</table>

**FOR MACHINE No. 103w3**

Same as Machine No. 103w2 with the following exception:

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>126x7</td>
<td>——</td>
<td>Needle, six, size 22, in place of 126x3</td>
</tr>
</tbody>
</table>
# FITTINGS FOR VARIOUS KINDS OF HATS

## FOR STIFF HATS

### FOR MACHINE No. 103w2

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>208108</td>
<td>12416</td>
<td>Feed Wheel</td>
</tr>
<tr>
<td>208240</td>
<td>12416</td>
<td>Guide complete, Nos. 209175a, 209175b, 209175c, 209175d, 280126, 2280126 and four 209052f</td>
</tr>
<tr>
<td>208240</td>
<td>12403</td>
<td>Presser Foot</td>
</tr>
</tbody>
</table>

### FOR MACHINE No. 103w3

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>208250</td>
<td>12424</td>
<td>Feed Wheel</td>
</tr>
<tr>
<td>208240</td>
<td>12424</td>
<td>Guide complete, Nos. 209175a, 209175b, 209175c, 209175d, 280126, 2280126 and four 209052f</td>
</tr>
<tr>
<td>208250</td>
<td>12424</td>
<td>Presser Foot</td>
</tr>
</tbody>
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## FOR STIFF HATS WITH WIRE REEDED SWEAT

Permits Placing Line of Stitching Higher on Crown

### FOR MACHINE No. 103w2

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>208108</td>
<td>12416</td>
<td>Feed Wheel</td>
</tr>
<tr>
<td>208240</td>
<td>12416</td>
<td>Guide complete, Nos. 209175a, 209175b, 209175c, 209175d, 280126, 2280126 and four 209052f</td>
</tr>
<tr>
<td>208250</td>
<td>12424</td>
<td>Presser Foot</td>
</tr>
<tr>
<td>208250</td>
<td>12425</td>
<td>Throat Plate Separating Guide, used in place of 208250</td>
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</table>

## FOR SOFT HATS

### FOR MACHINE No. 103w2

<table>
<thead>
<tr>
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<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>208246</td>
<td>12416</td>
<td>Feed Wheel</td>
</tr>
<tr>
<td>208249</td>
<td>12416</td>
<td>Presser Foot</td>
</tr>
<tr>
<td>208240</td>
<td>12414</td>
<td>Stay Guide</td>
</tr>
<tr>
<td>208240</td>
<td>12412</td>
<td>&quot; Screw</td>
</tr>
</tbody>
</table>

### FOR MACHINE No. 103w3

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>208246</td>
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<td>Feed Wheel</td>
</tr>
<tr>
<td>208249</td>
<td>12416</td>
<td>Presser Foot</td>
</tr>
<tr>
<td>208240</td>
<td>12414</td>
<td>Stay Guide</td>
</tr>
<tr>
<td>208240</td>
<td>12412</td>
<td>&quot; Screw</td>
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</table>

## FOR PANAMA HATS

### FOR MACHINE No. 103w2

<table>
<thead>
<tr>
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<th>Plate</th>
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</thead>
<tbody>
<tr>
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<td>Feed Wheel</td>
</tr>
<tr>
<td>208249</td>
<td>12416</td>
<td>Presser Foot</td>
</tr>
<tr>
<td>208240</td>
<td>12414</td>
<td>Stay Guide</td>
</tr>
<tr>
<td>208240</td>
<td>12412</td>
<td>&quot; Screw</td>
</tr>
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### FOR MACHINE No. 103w3

<table>
<thead>
<tr>
<th>No.</th>
<th>Plate</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>208246</td>
<td>12416</td>
<td>Feed Wheel</td>
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<td>208249</td>
<td>12416</td>
<td>Presser Foot</td>
</tr>
<tr>
<td>208240</td>
<td>12414</td>
<td>Stay Guide</td>
</tr>
<tr>
<td>208240</td>
<td>12412</td>
<td>&quot; Screw</td>
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### FOR STRAW HATS

**FOR MACHINE No. 103x2**

<table>
<thead>
<tr>
<th>No.</th>
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</thead>
<tbody>
<tr>
<td>208225</td>
<td>12416</td>
<td>Feed Wheel</td>
</tr>
<tr>
<td>208226</td>
<td>-</td>
<td>&quot; &quot; 208225 with 208163 and three 208580c</td>
</tr>
<tr>
<td>208240</td>
<td>-</td>
<td>Guide complete, Nos. 208175c, 208065c, 208157c, 208149c, 208142c to 208425, 208420, 208412c and four 208556c</td>
</tr>
<tr>
<td>208251</td>
<td>12124</td>
<td>Presser Foot</td>
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</table>

**FOR MACHINE No. 103x3**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>208268</td>
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<tr>
<td>208240</td>
<td>-</td>
<td>Guide complete, Nos. 208175c, 208065c, 208157c, 208149c, 208142c to 208425, 208420, 208412c and four 208556c</td>
</tr>
<tr>
<td>208251</td>
<td>12124</td>
<td>Presser Foot</td>
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</table>
## NUMERICAL LIST OF PARTS

### FOR

**MACHINES**

Nos. 103w2 and 103w3

<table>
<thead>
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<th>Name</th>
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<tr>
<td>536</td>
<td>1210X</td>
<td>Bobbin Case Tension Spring Screw, for 288676</td>
</tr>
<tr>
<td>539</td>
<td>1210X</td>
<td>Bobbin Case Slot Screw, for 288676</td>
</tr>
<tr>
<td>210</td>
<td>1084</td>
<td>&quot; Winder Tension Disc, for 225462</td>
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<tr>
<td>2522</td>
<td></td>
<td>Bobbin Case Position Finger Rivel, for 288675</td>
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<tr>
<td>2022</td>
<td>1246X</td>
<td>Bobbin Case Latch Lever, for 15411</td>
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<td>261</td>
<td>1210X</td>
<td>&quot; &quot; Fulcrum Pin, for 15411</td>
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<tr>
<td>15410</td>
<td>1210X</td>
<td>Bobbin Case Latch, for 15411</td>
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<tr>
<td>15411</td>
<td>12125</td>
<td>&quot; Hinge, Nos. 2953, 2951 and 15410, for 288676</td>
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<tr>
<td>15418</td>
<td>12125</td>
<td>Bobbin Case Tension Spring, for 288676</td>
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<tr>
<td>2567</td>
<td>1211X</td>
<td>Screw Driver (toucheine)</td>
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<td>1164</td>
<td>1411X</td>
<td>Machine Rost Pin (wood)</td>
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<td>12034</td>
<td>1211X</td>
<td>Oiler Feeder plates, with 120343</td>
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<tr>
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<td>1211X</td>
<td>&quot; Spout, 33 in. long, for 129332</td>
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<tr>
<td>200029</td>
<td>12111</td>
<td>Needle Bar Driving Connection Screw, for 225282</td>
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<tr>
<td>200029</td>
<td>12123</td>
<td>Feed Fork Connection Flick Screw, for 288678</td>
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<td>200030</td>
<td>12108</td>
<td>Arm and Bed Base Hinge Screw</td>
</tr>
<tr>
<td>200048</td>
<td>12111</td>
<td>Presser Bar Guide Clamping Screw, for 288684</td>
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<tr>
<td>200048</td>
<td>12111</td>
<td>Arm Head Lock Pin Releasing Bracket Clamping Screw, for 288688</td>
</tr>
<tr>
<td>200054</td>
<td>12111</td>
<td>Presser Bar Lifter Bracket Clamping Screw, for 288686</td>
</tr>
<tr>
<td>200056</td>
<td>1084</td>
<td>Bobbin Winder Stop Latch Screw, for 225282</td>
</tr>
<tr>
<td>200064</td>
<td>12111</td>
<td>Thread Take-up Bracket Roller Stud Clamp Screw, for 288683</td>
</tr>
<tr>
<td>200064</td>
<td>12111</td>
<td>Arm Head Screw</td>
</tr>
<tr>
<td>200064</td>
<td>12111</td>
<td>Driving Shaft Thrust Screw</td>
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<tr>
<td>200064</td>
<td>12111</td>
<td>Needle Bar Driving Shaft Thrust Screw</td>
</tr>
<tr>
<td>200073</td>
<td>12101</td>
<td>Presser Foot Screw, for 288681</td>
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<tr>
<td>200079</td>
<td>12101</td>
<td>Spool Holder Wire Hinge Screw, for 204287</td>
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<tr>
<td>200082</td>
<td>1084</td>
<td>Bobbin Winder Tension Bracketed Screw, for 225382</td>
</tr>
<tr>
<td>No.</td>
<td>Plate</td>
<td>Name</td>
</tr>
<tr>
<td>-------</td>
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<tr>
<td>200065c</td>
<td>12410</td>
<td>Hook Bracket Screw</td>
</tr>
<tr>
<td>200065b</td>
<td>12111</td>
<td>Arm Head Stop Screw</td>
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<tr>
<td>200065b</td>
<td>12410</td>
<td>Needle Bar Disengaging Cam FOLLOWER SHAFT SPRING ADJUSTING COLLAR CLAMPING SCREW, for 208160.</td>
</tr>
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<td>200065b</td>
<td>12410</td>
<td>Needle Bar Disengaging Cam FOLLOWER SHAFT STOP COLLAR CLAMPING SCREW, for 208160.</td>
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<tr>
<td>200109b</td>
<td>12410</td>
<td>Face Plate Screw</td>
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<tr>
<td>200109b</td>
<td>12410</td>
<td>Guide Bracket Screw, for 208130.</td>
</tr>
<tr>
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<td>12413</td>
<td>Needle Set Screw, for 208078.</td>
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<td>200157c</td>
<td>12410</td>
<td>Arm Head Stop Screw</td>
</tr>
<tr>
<td>200157c</td>
<td>12410</td>
<td>Thread Take-up Lever Screw</td>
</tr>
<tr>
<td>200171c</td>
<td>12401</td>
<td>&quot; Guide for Arm Head Screw</td>
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<tr>
<td>200171c</td>
<td>12401</td>
<td>&quot; Leader Roller Cap Screw, for 20856D.</td>
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<tr>
<td>200172a</td>
<td>12410</td>
<td>Thread Take-up Roller Cap Screw, for 20837D.</td>
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<tr>
<td>200172a</td>
<td>12410</td>
<td>Thread Plate Separating Guide Spring Screw, for 208111 and 208275.</td>
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<tr>
<td>200187a</td>
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<td>Guide Plate Adjusting Screw, for 208240.</td>
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<tr>
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<td>12406</td>
<td>Tension Release Lever Hinge Screw</td>
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<td>12410</td>
<td>Arm and Bed Base Clamp Hinge Screw</td>
</tr>
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<td>200262c</td>
<td>12410</td>
<td>Presser Bar Lifting Bell Crank Hinge Screw</td>
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<td>200268c</td>
<td>12410</td>
<td>Guide Swing Plate Hinge Screw, for 208130.</td>
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<tr>
<td>200274c</td>
<td>12410</td>
<td>Feed Rock Shaft Pawl Spring Screw, for 208166 and 20856D.</td>
</tr>
<tr>
<td>200293a</td>
<td>12410</td>
<td>Presser Bar Lifter Bracket Hinge Screw</td>
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<td>12410</td>
<td>Presser Bar Lifter Bracket Link Hinge Screw</td>
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<td>10584</td>
<td>Bobbin Winder Trip Lever Hinge Screw, for 225382.</td>
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<tr>
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<td>Thread Leader Roller Screw, for 208262.</td>
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<td>Thread Take-up Cam Set Screw, for 208295.</td>
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<tr>
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<td>Guide Swing Plate Adjusting Screw, for 208119.</td>
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<td>12413</td>
<td>Driving Shaft Crank Set Screw, for 208259.</td>
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<tr>
<td>200336a</td>
<td>12411</td>
<td>Needle Bar Disengaging Lever Hinge Stud Set Screw, for Machine No. 10532.</td>
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<tr>
<td>200347a</td>
<td>12411</td>
<td>Driving Shaft Pushing Set Screw, for 208157.</td>
</tr>
<tr>
<td>200347a</td>
<td>12411</td>
<td>Needle Bar Driving Shaft Pushing (duck) Set Screw</td>
</tr>
<tr>
<td>200348a</td>
<td>12411</td>
<td>Hook Driver Crank Set Screw, for 208247.</td>
</tr>
<tr>
<td>200352a</td>
<td>12411</td>
<td>Driving Shaft Wheel Position Screw, for 208099.</td>
</tr>
<tr>
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<td>12411</td>
<td>Feed Cam Set Screw, for 208194 and 208824.</td>
</tr>
<tr>
<td>200365a</td>
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<td>Needle Bar Driving Eccentric Set Screw, for 208171.</td>
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</tr>
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<td>Arm Head Collar Set Screw, for 208082.</td>
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<td>12413</td>
<td>Needle Bar Driving Shaft Collar Set Screw, for 208177.</td>
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<tr>
<td>200368a</td>
<td>12413</td>
<td>Needle Bar Connection Hinge Pin Set Screw, for 208174 and 208271.</td>
</tr>
<tr>
<td>200372c</td>
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<td>Arm Head Lock Pin Spring Retaining Screw</td>
</tr>
<tr>
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<td>12413</td>
<td>Needle Bar Disengaging Clutch Set Screw, for 208164.</td>
</tr>
<tr>
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<td>12425</td>
<td>Presser Bar Pushing Set Screw</td>
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<td>Feed Wheel Retaining Clutch Spring Screw, for 208112, 208399 and 208375.</td>
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<td>Hook Bracket Adjusting Screw, for 208132.</td>
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<td>Needle Bar Pushing (upper) Set Screw</td>
</tr>
<tr>
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<td>12411</td>
<td>Needle Bar Driving Shaft Position Stud Set Screw (crank), for 208170.</td>
</tr>
<tr>
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</tr>
<tr>
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<tr>
<td>12410</td>
<td>20946c</td>
<td>Feed Wheel Yoke Set Screw</td>
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<td>20946c</td>
<td>Needle Bar Disengaging Lever Stop</td>
</tr>
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ILLUSTRATIONS OF PARTS
FOR
MACHINES
Nos. 103w2 and 103w3