MODEL 93553 ("B" SERIES)
10 TON BODY-JAK® KIT

OWNER/OPERATOR MANUAL

SPECIFICATIONS

<table>
<thead>
<tr>
<th>PUMP PRESSURE</th>
<th>10,000 PSI</th>
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<tbody>
<tr>
<td>PUMP OIL CAPACITY</td>
<td>23 OZ</td>
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<table>
<thead>
<tr>
<th>RAM CAPACITY</th>
<th>10 TON</th>
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<tbody>
<tr>
<td>RAM EFFECTIVE AREA (SQUARE)</td>
<td>2.241&quot;</td>
</tr>
<tr>
<td>RAM STROKE</td>
<td>6&quot;</td>
</tr>
<tr>
<td>RAM HEIGHT EXTENDED</td>
<td>21.250&quot;</td>
</tr>
<tr>
<td>RAM HEIGHT CLOSED</td>
<td>15.250&quot;</td>
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<table>
<thead>
<tr>
<th>RAM (SHORT) CAPACITY</th>
<th>10 TON</th>
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</thead>
<tbody>
<tr>
<td>RAM EFFECTIVE AREA (SQUARE)</td>
<td>2.241&quot;</td>
</tr>
<tr>
<td>RAM STROKE</td>
<td>2.240&quot;</td>
</tr>
<tr>
<td>MAX HEIGHT</td>
<td>7.62&quot;</td>
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<tr>
<td>RAM HEIGHT CLOSED</td>
<td>5.38&quot;</td>
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<table>
<thead>
<tr>
<th>SPREADER CAPACITY</th>
<th>1 TON</th>
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<tr>
<td>SPREADER (OPEN)</td>
<td>3.5&quot;</td>
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<table>
<thead>
<tr>
<th>TUBE EXTENSIONS CAPACITY</th>
<th>5 TON</th>
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<thead>
<tr>
<th>OFFSET ATTACHMENTS CAPACITY</th>
<th>2.5 TON</th>
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<tbody>
<tr>
<td>HOSE MINIMUM BEND RADIUS</td>
<td>4.0&quot;</td>
</tr>
<tr>
<td>HOSE CONSTRUCTION</td>
<td>SAE 100R0 MINIMUM</td>
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<tr>
<td>HOSE LENGTH</td>
<td>6 FT</td>
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</table>

DESCRIPTION

The Body-Jak® Kit is comprised of a pump, two rams, spreader, hose, couplers, extensions and attachments. A release valve is conveniently located on the pump. The pump also contains an automatic safety valve which protects the ram and hose from excessive hydraulic pressure. Couplers provide a quick means to connect the ram and hose together. Ram travel is limited by a positive ram stop. The attachments and extensions provide set-ups to push, pull, spread, straighten, bend, clamp and hold.

OWNER/OPERATOR RESPONSIBILITY

It is the owner/operator responsibility to properly and safety use and maintain this equipment.

The instructions and warnings contained in this manual shall be read and understood by the owner/operator prior to operating this equipment.

If an owner/operator does not understand English, the contents of this manual shall be explained in the owner/operator native language to assure the owner/operator comprehends.

It is the owner/operator responsibility to maintain the legibility of all labels.

The owner/operator shall retain this manual for future reference to important warnings, operating and maintenance instructions.

WARNING

FOR YOUR SAFETY

USE VEHICLE STANDS OR OTHER APPROPRIATE SUPPORTS TO SUPPORT THE VEHICLE/LOAD BEFORE GETTING UNDER IT.

ASSEMBLY

Remove pipe plug from pump assembly and connect hose. Remove and save the dust caps from the hose coupler and ram/spreader coupler. Connect the pump, hose and ram/spreader coupler by connecting the hose coupler to the ram/spreader coupler. Hand tighten only. Pliers or wrenches may damage the coupler nuts.

One Lincoln Way
St. Louis, Missouri 63120-1578
Customer Service, (314) 679 4200

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81LW93553000B0
Lincoln provides Factory Authorized Service Centers that stock equipment and replacement parts. Contact Lincoln Customer Service, One Lincoln Way, St. Louis, MO 63120-1578, (314) 679-4300 for your nearest Service Center.

When ordering replacement parts, list: part number, description, model number, and series letter.

<table>
<thead>
<tr>
<th>KEY NO.</th>
<th>MODEL/PART NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
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<tbody>
<tr>
<td>1</td>
<td>93102</td>
<td>Pump</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>93114</td>
<td>Ram</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>93110</td>
<td>Ram (Short)</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>93108</td>
<td>Spreader</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>93592</td>
<td>24&quot; Extension</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>93591</td>
<td>18&quot; Extension</td>
<td>2</td>
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<tr>
<td>7</td>
<td>93590</td>
<td>12&quot; Extension</td>
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<tr>
<td>8</td>
<td>93589</td>
<td>6&quot; Extension</td>
<td>1</td>
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<tr>
<td>9</td>
<td>93597</td>
<td>Double Grab Hooks</td>
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<tr>
<td>10</td>
<td>93175</td>
<td>6' Chains &amp; Grab Hooks</td>
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<tr>
<td>11</td>
<td>93593</td>
<td>Chain Pull Collar</td>
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<tr>
<td>12</td>
<td>93574</td>
<td>Pull Clamps</td>
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<tr>
<td>13</td>
<td>93587</td>
<td>Rubber Head</td>
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<tr>
<td>14</td>
<td>93588</td>
<td>Flat Head</td>
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<td>15</td>
<td>93585</td>
<td>Ram Cap</td>
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<tr>
<td>16</td>
<td>93586</td>
<td>Connector</td>
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<tr>
<td>17</td>
<td>93584</td>
<td>Concave Head</td>
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<tr>
<td>18</td>
<td>93583</td>
<td>Spring Spreader</td>
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<td>19</td>
<td>93582</td>
<td>Ram Toe</td>
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<tr>
<td>20</td>
<td>93168</td>
<td>Body Toe</td>
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</table>
SERVICE PARTS (CONT)

SAFETY VALVE IS FACTORY PRESET. IF ADJUSTMENT OR REPAIR IS REQUIRED, RETURN PUMP TO NEAREST SERVICE CENTER.

93102 SERIES "D"

241525
24165
242186
241550
242286
216775
201733
203197
203198
217909
203201
241094
241536

APPLY LOCTITE PST #565 TO PIPE THREADS.

93114 SERIES "A"

233218
230748
233216
233215
230746
230746
230733
230750
230752
230762
230763

APPLY LOCTITE PRIMER "N" AND LOCTITE GASKET ELIMINATOR 510 TO COUPLER THREADS.

SEAL PIPE THREADS WITH LOCTITE GASKET ELIMINATOR 510.
### 9310 SERIES "C"

#### 3/8" NPTF (TYP. BOTH ENDS)

<table>
<thead>
<tr>
<th>PARTS</th>
<th>QTY</th>
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<tbody>
<tr>
<td>230730</td>
<td>1</td>
<td>Handle grip</td>
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<tr>
<td>230734</td>
<td>1</td>
<td>Coupler kit (mated pair)</td>
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<tr>
<td>93186</td>
<td>1</td>
<td>6' Hose w/o coupler</td>
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<tr>
<td>201733</td>
<td>1</td>
<td>Plug</td>
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<tr>
<td>203197</td>
<td>1</td>
<td>Ball 3/16&quot; Diameter</td>
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<tr>
<td>203198</td>
<td>1</td>
<td>Ball 7/32&quot; Diameter</td>
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<tr>
<td>203201</td>
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<td>Ball 5/16&quot; Diameter</td>
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<td>204281</td>
<td>1</td>
<td>WASHER</td>
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<td>213149</td>
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<td>Packing ring</td>
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<td>216258</td>
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<td>Pump cover</td>
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<td>1</td>
<td>Suction spring</td>
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<td>218776</td>
<td>1</td>
<td>O-ring</td>
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<td>Pump pin retainer ring</td>
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<td>* U-cup</td>
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<td>Ram nut</td>
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<td>230750</td>
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<td>Return spring</td>
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<tr>
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<td>1</td>
<td>Screw</td>
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<tr>
<td>230762</td>
<td>3</td>
<td>Ram/spreader half coupler</td>
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<td>230763</td>
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<td>Dust cap</td>
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<td>232215</td>
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#### 93185 COUPLER KIT

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<tr>
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<tbody>
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<td>Ram</td>
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<td>233217</td>
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<td>Spacer</td>
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<td>Retaining ring</td>
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<td>Spreader (upper half)</td>
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<tr>
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<td>Release stem</td>
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- Included in Repair Kit 241656 for 93102 Pump.
- Included in Repair Kit 240557 for 93114 Ram.
- Included in Label Kit 240143 for 93114 Ram.
- Included in Repair Kit 240499 for 93110 Ram.
- Included in Label Kit 240137 for 93110 Ram.
- (1) each included in 93185 Coupler Kit.