Transport Pulvi-Mulcher Models - M881, MC881, MCC881, MS881, MCS881, MCCS881
Parts Manual
1 Illustrated Parts List

Instructions for Ordering Parts .......................................................... 1-1
Frame ................................................................. 1-2
Rockshaft .............................................................. 1-5
Transport Axle ................................................................. 1-6
Hub and Spindle Assembly .......................................................... 1-7
Wheel Assembly ............................................................ 1-8
Drawbar ................................................................. 1-11
Transport Lock ............................................................ 1-12
Front Tooth Control C-Tooth ..................................................... 1-15
Rear Tooth Control C-Tooth ..................................................... 1-17
Front Tooth Control S-Tine ..................................................... 1-19
Rear Tooth Control S-Tine ..................................................... 1-21
Lift Handle Assembly ......................................................... 1-22
Front and Rear Rollers ......................................................... 1-23
Wheel and Axle Assembly, Notched, Front - 85-1/8" .................. 1-24
Wheel and Axle Assembly, Notched, Rear - 89-1/8" .................. 1-24
Wheel and Axle Assembly, Crowfoot, Front - 85-1/8" ............... 1-25
Wheel and Axle Assembly, Crowfoot, Rear - 89-1/8" ............... 1-25
Axle Clamp Assembly ....................................................... 1-26
Pipe Axle Assembly with Outer Bearings - 85-1/8" ................. 1-27
Pipe Axle Assembly with Outer Bearings - 89-1/8" ................. 1-27
Bearing Housing Assembly, Outer ........................................... 1-28
Hydraulics ................................................................. 1-29
Rear Scrapers ............................................................. 1-30
Front Scrapers - Optional .................................................... 1-31
Land Leveler - Optional ..................................................... 1-32
Hydraulic Cylinder, 3 x 8 ................................................... 1-33
Decals ................................................................. 1-34

2 Numerical Index

3 Glossary
Instructions for Ordering Parts

** Repair parts must be ordered through an authorized dealer **

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

PHONE #: 800-423-4320 OR 785-562-5381  
FAX #: 888-527-3909  
ORDER ONLINE: Dealer.landoll.com

IDENTIFICATION PLATE

See Figure 1-1. for the Identification Plate, which lists the model and serial number of the equipment. It is located on the right side of the Center Truss.

SERIAL NUMBER NOMENCLATURE

The serial number for the Transport Pulverizer is located on the identification plate. The following information will help decode the Landoll serial number.

\[
PMD1700101 = xxmyysssss
\]

<table>
<thead>
<tr>
<th>xx</th>
<th>= model series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(i.e. “PM” for all Pulvi-Mulchers)</td>
</tr>
<tr>
<td>m</td>
<td>= month of manufacture</td>
</tr>
<tr>
<td></td>
<td>(ex. “D” means April. The letter I is not used.)</td>
</tr>
<tr>
<td>yy</td>
<td>= last digits of the year manufactured</td>
</tr>
<tr>
<td></td>
<td>(ex. “17” means 2017)</td>
</tr>
<tr>
<td>sssss</td>
<td>= Sequential number used to track warranty and service information.</td>
</tr>
</tbody>
</table>

Figure 1-1: Identification Plate
ILLUSTRATED PARTS LIST

**Frame**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4D044</td>
<td>L.H. CHANNEL ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4D046</td>
<td>R.H. CHANNEL ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>4J606</td>
<td>REAR CHANNEL ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>4J604</td>
<td>FRONT CHANNEL ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>2K595</td>
<td>CENTER TRUSS</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1-654-010059-04</td>
<td>SCREW HX CP 5/8-11 X 1-3/4 GR5</td>
<td>23</td>
</tr>
<tr>
<td>7</td>
<td>1-861-010034-15</td>
<td>WASHER,LKG,HLC SPR,5/8</td>
<td>23</td>
</tr>
<tr>
<td>8</td>
<td>1-512-010007-11</td>
<td>NUT, HEX 5/8-11 GR2 ZP</td>
<td>23</td>
</tr>
<tr>
<td>9</td>
<td>2P151</td>
<td>SMV W/BRACKET</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>1-654-010049-05</td>
<td>SCREW HX CP 5/16-18UNCX1 GR5</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>1-861-010032-09</td>
<td>WASHER, FLAT 5/16 W ZP/CD</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>104032</td>
<td>NUT, HX SLF-LKG W/MYL 5/16-18</td>
<td>2</td>
</tr>
</tbody>
</table>
Table provided for general use.

NOTES:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Figure 1-3: Rockshaft
<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J614</td>
<td>TRANSPORT AXLE (SEE FIGURE 1-4)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1J222</td>
<td>R.H. AXLE SUPPORT (INCLUDES ITEMS 4)</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1J223</td>
<td>L.H. AXLE SUPPORT (INCLUDES ITEMS 4)</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1-298-010001-1</td>
<td>ZERK FITTING 1/4 SAE</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>1-654-010059-04</td>
<td>SCREW HX CP 5/8-11X1-3/4 GR5</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>1-861-010034-15</td>
<td>WASHER, LKG, HLCL SPR5/8</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>1-512-010007-11</td>
<td>NUT, HEX 5/8-11 GR2 ZP</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13UNCX1-1/2</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>1J194</td>
<td>BEARING YOKE</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>1J269</td>
<td>BEARING CAP ASSEMBLY (INCLUDES ITEMS 4)</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>1J203</td>
<td>FLOAT LINK</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>4C856</td>
<td>HAIRPIN COTTER</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>8C520</td>
<td>CLEVIS PIN, (1/2 X 2-1/2)</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>1-557-010362-51</td>
<td>COTTER PIN, 3/16 X 1-1/2</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>8D099</td>
<td>CLEVIS PIN, 1 X 2-1/2</td>
<td>1</td>
</tr>
<tr>
<td>18</td>
<td>6K911</td>
<td>WHEEL 8J789/NO TUBE/4C129 (SEE FIGURE 1-6)</td>
<td>2</td>
</tr>
<tr>
<td>19</td>
<td>5C100</td>
<td>WHEEL BOLT 1/2-20X1 GR5</td>
<td>10</td>
</tr>
<tr>
<td>20</td>
<td>5J280</td>
<td>HYD CYLINDER- 3 X 8 (SEE FIGURE 1-24)</td>
<td>1</td>
</tr>
</tbody>
</table>
### Transport Axle

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J614</td>
<td>TRANSPORT AXLE</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>164769</td>
<td>TRANSPORT AXLE WELDMENT</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1J398</td>
<td>HUB AND SPINDLE ASSEMBLY (SEE FIGURE 1-5)</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-654-010051-13</td>
<td>HHCS,3/8-16 X 3 GR5, ZP</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>1-512-010005-05</td>
<td>NUT, HEX SLFLKG GRB 3/8-16</td>
<td>2</td>
</tr>
</tbody>
</table>

**Figure 1-4: Transport Axle**
**Hub and Spindle Assembly**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1J398</td>
<td>HUB &amp; SPINDLE ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1J390</td>
<td>WHEEL HUB W/LUBE FTG (INCLUDES ITEM 3)</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1-298-010001-1</td>
<td>ZERK FITTING 1/4 SAE</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>712099</td>
<td>BEARING CONE 1.375 X 2.563 X 71</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>2107649</td>
<td>BEARING CUP 1.375X2.563X71</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>1-076-010008</td>
<td>OUTER CONE 4-BOLT HUB</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>5C912</td>
<td>CUP, BEARING</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>1D273</td>
<td>SEAL</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>3/4-16HSN</td>
<td>HEX SLOTTED NUT</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>110-0344</td>
<td>5/32X1 COTTER PIN</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>1J463</td>
<td>HUB CAP</td>
<td>2</td>
</tr>
</tbody>
</table>

**Figure 1-5: Hub and Spindle Assembly**

---

**ILLUSTRATED PARTS LIST**

---

**2K796**

1-7
## Wheel Assembly

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6K911</td>
<td>WHEEL 8J789/NO TUBE/4C129</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>8J789</td>
<td>TIRE - 7.60 X 15 - 6 PLY</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4C129</td>
<td>WHEEL - 15 X 5KB - 5 BOLT</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>415</td>
<td>VALVE STEM</td>
<td>1</td>
</tr>
</tbody>
</table>

**Figure 1-6: Wheel Assembly**
Table provided for general use.

<table>
<thead>
<tr>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Figure 1-7: Drawbar
## Drawbar

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6D873</td>
<td>DRAWBAR</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4J601</td>
<td>DRAWBAR BRACE</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>4D778</td>
<td>DRAWBAR PIVOT BUSHING</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>4D100</td>
<td>DRAWBAR MOUNTING PIN (1 x 7-7/16)</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>1/4 x 1-1/2</td>
<td>COTTER PIN</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>1-654-010055-07</td>
<td>SCREW HX CP 1/2-13NC X 2-1/2 GR5</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>3</td>
</tr>
<tr>
<td>8</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>6D872</td>
<td>STRAP (2 x 36-1/4)</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>2D473</td>
<td>CLEVIS PIN, 3/4 X 1-7/8</td>
<td>3</td>
</tr>
<tr>
<td>11</td>
<td>110-0354</td>
<td>COTTER PIN, 5/32 X 1-1/2,ZP</td>
<td>3</td>
</tr>
<tr>
<td>12</td>
<td>6D868</td>
<td>STRAP (2-1/2 x 7-1/4)</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>4D066</td>
<td>YOKE</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>6D828</td>
<td>SPRING</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>6D870</td>
<td>SPRING GUIDE</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>1-654-010032-25</td>
<td>SCREW HX CP 3/4-10X10 GR8</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>1-654-010055-18</td>
<td>SCREW HX CP, 1/2-13UNC X 6-1/2 GR5</td>
<td>1</td>
</tr>
<tr>
<td>18</td>
<td>1-116-010019</td>
<td>MANUAL STORAGE CANISTER</td>
<td>1</td>
</tr>
<tr>
<td>19</td>
<td>105-0093</td>
<td>HOSE CLAMP 4-1/2 IDEAL #5264</td>
<td>2</td>
</tr>
<tr>
<td>20</td>
<td>6D333</td>
<td>HOSE SUPPORT</td>
<td>1</td>
</tr>
<tr>
<td>21</td>
<td>1-654-010059-05</td>
<td>SCREW,HEX CAP 5/8-11UNC X 2 GR5</td>
<td>1</td>
</tr>
<tr>
<td>22</td>
<td>1-861-010032-18</td>
<td>WASHER FL 5/8 SAE ZP</td>
<td>1</td>
</tr>
<tr>
<td>23</td>
<td>1-512-010005-13</td>
<td>NUT,HEX SLFLKG GRB 5/8-11</td>
<td>1</td>
</tr>
<tr>
<td>24</td>
<td>3J880</td>
<td>JACK</td>
<td>1</td>
</tr>
<tr>
<td>25</td>
<td>1-861-010032-24</td>
<td>WASHER FL 1IN NARROW ZP</td>
<td>3</td>
</tr>
<tr>
<td>26</td>
<td>1-512-010005-19</td>
<td>NUT, 1-8 HEX SLF-LOCKING GRB</td>
<td>1</td>
</tr>
<tr>
<td>27</td>
<td>141433</td>
<td>SAFETY CHAIN 11,000LB</td>
<td>1</td>
</tr>
<tr>
<td>28</td>
<td>3J608</td>
<td>HHCS,1-8 X 3,GR5, ZP</td>
<td>1</td>
</tr>
<tr>
<td>29</td>
<td>6D944</td>
<td>MOUNTING PIN, 1 X 6-1/4</td>
<td>1</td>
</tr>
<tr>
<td>30</td>
<td>1-512-010005-05</td>
<td>NUT, HEX SLFLKG GRB 3/8-16</td>
<td>2</td>
</tr>
<tr>
<td>31</td>
<td>6D879</td>
<td>CLEVIS</td>
<td>1</td>
</tr>
<tr>
<td>32</td>
<td>6D865</td>
<td>FLAT SPRING</td>
<td>1</td>
</tr>
<tr>
<td>33</td>
<td>100131</td>
<td>SCREW HHC 3/8-16UNC X 7/8 GR5</td>
<td>2</td>
</tr>
</tbody>
</table>
## Transport Lock

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9D936</td>
<td>STRAP (2 x 57-1/8)</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>1-654-010051-13</td>
<td>SCREW, HX CP, 3/8-16UNCX3, GR5</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>6C702</td>
<td>CYLINDER PIN (1 X 3)</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>2C642</td>
<td>ROLL PIN 1/4X2-1/2 ESNA</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>4C856</td>
<td>HAIR PIN COTTER</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>1-654-010059-04</td>
<td>SCREW,HEX CP 5/8-11X1-3/4 GR5</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>1-861-010034-15</td>
<td>WASHER,LKG,HLC, SPR,5/8</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>1-512-010007-11</td>
<td>NUT,HEX 5/8-11 GR2 ZP</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>4J640</td>
<td>TRANSPORT BRKT ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>1-861-010032-21</td>
<td>WASHER, FLAT 3/4 W ZP/CD</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>110-0354</td>
<td>5/32 X 1-1/2 COTTER PIN ZP</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>1-654-010055-03</td>
<td>SCREW,HEX CAP, 1/2-13UNCX1-1/2</td>
<td>2</td>
</tr>
<tr>
<td>14</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Figure 1-8: Transport Lock**
Table provided for general use.

<table>
<thead>
<tr>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
# Illustrated Parts List

## Front Tooth Control C-Tooth

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6C956</td>
<td>LIFT HANDLE ASSEMBLY <em>(SEE FIGURE 1-13)</em></td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1-654-010051-09</td>
<td>SCREW, HEX CAP, 3/8-16 UNCSX2GR5</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13 UNCSX1-1/2</td>
<td>14</td>
</tr>
<tr>
<td>6</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>26</td>
</tr>
<tr>
<td>7</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>26</td>
</tr>
<tr>
<td>8</td>
<td>2K601</td>
<td>FRONT TOOTH TUBE BEARING</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>4J643</td>
<td>SPACER</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>2K563</td>
<td>FRONT SUPPORT CENTER</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>3J165</td>
<td>FRONT SPRINGTOOTH QUAD</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>2K571</td>
<td>CONTROL BRACKET <em>(ROTATED)</em></td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>7C309</td>
<td>SET SCREW <em>(3/8-16 X 1-3/4 #8 HD)</em></td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>2K596</td>
<td>TOOTH TUBE <em>(89”)</em></td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>1-654-010055-14</td>
<td>SCREW, HEX CP, 1/2-13 UNCSX4-1/2 G5</td>
<td>8</td>
</tr>
<tr>
<td>16</td>
<td>9D662</td>
<td>SPRING TOOTH</td>
<td>6</td>
</tr>
<tr>
<td>17</td>
<td>8J172</td>
<td>TOOTH CLAMP</td>
<td>6</td>
</tr>
<tr>
<td>18</td>
<td>5C078</td>
<td>CLAMP STRAP</td>
<td>6</td>
</tr>
<tr>
<td>19</td>
<td>4D386</td>
<td>REVERSIBLE POINT <em>(DOES NOT INCLUDE HARDWARE)</em></td>
<td>6</td>
</tr>
<tr>
<td>20</td>
<td>2C628</td>
<td>PLOW BOLT 3/8X1-1/2 SQ NK</td>
<td>12</td>
</tr>
<tr>
<td>21</td>
<td>5J616</td>
<td>FLANGE LOCK NUT 3/8-16</td>
<td>12</td>
</tr>
</tbody>
</table>
# Illustrated Parts List

## Rear Tooth Control C-Tooth

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6C956</td>
<td>LIFT HANDLE ASSEMBLY <em>(SEE FIGURE 1-13)</em></td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1-654-010051-09</td>
<td>SCREW, HEX CAP, 3/8-16 UNCX 2GR5</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13 UNCX 1-1/2</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>18</td>
</tr>
<tr>
<td>7</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>18</td>
</tr>
<tr>
<td>8</td>
<td>2K569</td>
<td>REAR TOOTH TUBE BEARING</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>3J165</td>
<td>FRONT SPRING TOOTH QUAD</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>2K571</td>
<td>CONTROL BRACKET <em>(STRAIGHT)</em></td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>7C309</td>
<td>SET SCREW <em>(3/8-16 X 1-3/4, #8 HD)</em></td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>2K596</td>
<td>TOOTH TUBE <em>(89&quot;)</em></td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>9D662</td>
<td>SPRING TOOTH</td>
<td>7</td>
</tr>
<tr>
<td>14</td>
<td>8J172</td>
<td>TOOTH CLAMP</td>
<td>7</td>
</tr>
<tr>
<td>15</td>
<td>5C078</td>
<td>CLAMP STRAP</td>
<td>7</td>
</tr>
<tr>
<td>16</td>
<td>4D386</td>
<td>REVERSIBLE POINT <em>(DOES NOT INCLUDE HARDWARE)</em></td>
<td>7</td>
</tr>
<tr>
<td>17</td>
<td>2C628</td>
<td>PLOW BOLT 3/8X1-1/2 SQ NK</td>
<td>14</td>
</tr>
<tr>
<td>18</td>
<td>5J616</td>
<td>FLANGE LOCK NUT 3/8-16</td>
<td>14</td>
</tr>
</tbody>
</table>
Figure 1-11: Front Tooth Control S-Tine
<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6C956</td>
<td>LIFT HANDLE ASSEMBLY (SEE FIGURE 1-13)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1-654-010051-09</td>
<td>SCREW, HEX CAP, 3/8-16 UNCX2 GR5</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13 UNCX1-1/2</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>14</td>
</tr>
<tr>
<td>7</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>14</td>
</tr>
<tr>
<td>8</td>
<td>2K601</td>
<td>FRONT TOOTH TUBE BEARING</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>4J643</td>
<td>SPACER</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>2K563</td>
<td>FRONT SUPPORT CENTER</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>3J165</td>
<td>FRONT SPRINGTOOTH QUAD</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>2K571</td>
<td>CONTROL BRACKET (STRAIGHT)</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>7C309</td>
<td>SET SCREW (3/8-16 X 1-1/4)</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>2K596</td>
<td>TOOTH TUBE (89&quot;)</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>1-654-010055-14</td>
<td>SCREW, HX CP, 1/2-13 UNCX4-1/2 G5</td>
<td>8</td>
</tr>
<tr>
<td>16</td>
<td>1J887</td>
<td>S-TINE, 10MM X 32MM</td>
<td>6</td>
</tr>
<tr>
<td>16</td>
<td>5J609</td>
<td>S-TINE, 12MM X 32MM (OPTIONAL)</td>
<td>6</td>
</tr>
<tr>
<td>17</td>
<td>1J834</td>
<td>CLAMP (USED WITH 1J887)</td>
<td>6</td>
</tr>
<tr>
<td>17</td>
<td>5J080</td>
<td>CLAMP (USED WITH 5J609)</td>
<td>6</td>
</tr>
<tr>
<td>18</td>
<td>1-654-010070-11</td>
<td>SCREW, RDHD, SQNK 1/2-13X3-1/2 (USED WITH 5J609)</td>
<td>6</td>
</tr>
<tr>
<td>18</td>
<td>2J241</td>
<td>SCREW 7/16-14 NCX3-1/2 RDHD SQNK (USED WITH 1J887)</td>
<td>6</td>
</tr>
<tr>
<td>19</td>
<td>1-512-010005-09</td>
<td>NUT, HEX SLFLKG, 1/2-13 GRB (USED WITH 5J609)</td>
<td>6</td>
</tr>
<tr>
<td>19</td>
<td>101988</td>
<td>NUT, HEX SLF-LKG 7/16-14 (USED WITH 1J887)</td>
<td>6</td>
</tr>
<tr>
<td>20</td>
<td>2J155</td>
<td>1-3/8 REVERSIBLE POINT</td>
<td>6</td>
</tr>
<tr>
<td>21</td>
<td>7D014</td>
<td>2-1/2 DUCKFOOT POINT</td>
<td>6</td>
</tr>
<tr>
<td>22</td>
<td>7D728</td>
<td>CULTIVATOR BOLT (3/8-16 X 1-3/4 #8 HD)</td>
<td>6</td>
</tr>
<tr>
<td>23</td>
<td>5J616</td>
<td>FLANGE LOCKNUT 3/8-16</td>
<td>6</td>
</tr>
</tbody>
</table>
Figure 1-12: Rear Tooth Control S-Tine
## Illustrated Parts List

### Rear Tooth Control S-Tine

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6C956</td>
<td>LIFT HANDLE ASSEMBLY (SEE FIGURE 1-13)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1-654-010051-09</td>
<td>SCREW, HEX CAP, 3/8-16 UNCNX2GR5</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13 UNCNX1-1/2</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td>2K569</td>
<td>REAR TOOTH TUBE BEARING</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>3J165</td>
<td>FRONT SPRINGTOOTH QUAD</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>2K570</td>
<td>CONTROL BRACKET (ROTATED)</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>7C309</td>
<td>SET SCREW (3/8-16 x 1-1/4)</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>2K596</td>
<td>TOOTH TUBE (89&quot;)</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>1J887</td>
<td>S-TINE, 10MM X 32MM</td>
<td>7</td>
</tr>
<tr>
<td>14</td>
<td>5J609</td>
<td>S-TINE, 12MM X 32MM (OPTIONAL)</td>
<td>7</td>
</tr>
<tr>
<td>15</td>
<td>1-654-010070-11</td>
<td>SCREW, RDHD, SQNK 1/2-13X3-1/2 (USED WITH 5J607)</td>
<td>7</td>
</tr>
<tr>
<td>16</td>
<td>1-512-010005-09</td>
<td>NUT, HEX SLFLKG, 1/2-13 GRB (USED WITH 1J887)</td>
<td>7</td>
</tr>
<tr>
<td>17</td>
<td>101988</td>
<td>NUT, HEX SL F-LKG 7/16-14</td>
<td>7</td>
</tr>
<tr>
<td>18</td>
<td>2J155</td>
<td>1-3/8 REVERSIBLE POINT</td>
<td>7</td>
</tr>
<tr>
<td>19</td>
<td>7D014</td>
<td>2-1/2 DUCKFOOT POINT</td>
<td>7</td>
</tr>
<tr>
<td>20</td>
<td>7D728</td>
<td>CULTIVATOR BOLT (3/8-16 X 1-3/4, #8 HD)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>5J616</td>
<td>FLANGE LOCKNUT 3/8-16</td>
<td>7</td>
</tr>
<tr>
<td>ITEM</td>
<td>PART NUMBER</td>
<td>DESCRIPTION</td>
<td>QTY</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td>-------------------------------</td>
<td>-----</td>
</tr>
<tr>
<td>1</td>
<td>6C956</td>
<td>LIFT HANDLE ASSEMBLY</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6C957</td>
<td>LIFT HANDLE SUB ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2C322</td>
<td>LOCK ROD BRACKET</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3C028</td>
<td>SCREW DRIVE #12-1/2 RDHD TYPEU</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>6C959</td>
<td>LOCK ROD</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>2C323</td>
<td>SPRING</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>1C272</td>
<td>ROLL PIN, 1/8 X 3/4</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>1-861-010032-11</td>
<td>FLAT WASHER</td>
<td>2</td>
</tr>
</tbody>
</table>

Figure 1-13: Lift Handle Assembly

**Lift Handle Assembly**
### Front and Rear Rollers

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J608</td>
<td>WHEEL AND AXLE ASSY - FR (85-1/8 NOTCHED) (SEE FIGURE 1-15)</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>4J645</td>
<td>WHEEL AND AXLE ASSY - FR (85-1/8 CROWFOOT) (SEE FIGURE 1-16)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4J609</td>
<td>WHEEL AND AXLE ASSY - RR (89-1/8 NOTCHED) (SEE FIGURE 1-15)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4J646</td>
<td>WHEEL AND AXLE ASSY - RR (89-1/8 CROWFOOT) (SEE FIGURE 1-16)</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1J176</td>
<td>LONG AXLE MOUNT</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-654-010055-05</td>
<td>SCREW, HEX CAP 1/2-13 UNCX2 GR5</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>8</td>
</tr>
<tr>
<td>7</td>
<td>1-654-010055-07</td>
<td>SCREW HX CP 1/2-13 UNC X 2-1/2</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>7C022</td>
<td>BEVEL WASHER</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>9D672</td>
<td>SHORT AXLE MOUNT</td>
<td>2</td>
</tr>
</tbody>
</table>
### Wheel and Axle Assembly, Notched, Front - 85-1/8"

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J608</td>
<td>WHEEL AND AXLE ASSY - FR</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>4J610</td>
<td>AXLE PIPE ASSY - FR - 85 1/8&quot; (SEE FIGURE 1-18)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>8C988</td>
<td>CASTING, 16&quot; NOTCHED WHEEL</td>
<td>21</td>
</tr>
<tr>
<td>3</td>
<td>5J375</td>
<td>AXLE CLAMP ASSEM (SEE FIGURE 1-17)</td>
<td>2</td>
</tr>
</tbody>
</table>

### Wheel and Axle Assembly, Notched, Rear - 89-1/8"

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J609</td>
<td>WHEEL AND AXLE ASSY - RR</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>4J611</td>
<td>AXLE PIPE ASSY - RR - 89 1/8&quot; (SEE FIGURE 1-18)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>8C988</td>
<td>CASTING, 16&quot; NOTCHED WHEEL</td>
<td>22</td>
</tr>
<tr>
<td>3</td>
<td>5J375</td>
<td>AXLE CLAMP ASSEM (SEE FIGURE 1-17)</td>
<td>2</td>
</tr>
</tbody>
</table>
### Wheel and Axle Assembly, Crowfoot, Front - 85-1/8”

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J645</td>
<td>WHEEL AND AXLE ASSY - FR</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1D927</td>
<td>16’ CROWFOOT WHEEL</td>
<td>14</td>
</tr>
<tr>
<td>3</td>
<td>2D213</td>
<td>SPACER</td>
<td>13</td>
</tr>
<tr>
<td>4</td>
<td>4J610</td>
<td>PIPE AXLE ASSY - FR - 85 1/8” (<em>SEE FIGURE 1-18</em>)</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>5J375</td>
<td>AXLE CLAMP ASSEM (<em>SEE FIGURE 1-17</em>)</td>
<td>2</td>
</tr>
</tbody>
</table>

### Wheel and Axle Assembly, Crowfoot, Rear - 89-1/8”

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J646</td>
<td>WHEEL AND AXLE ASSY - RR</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1D927</td>
<td>16’ CROWFOOT WHEEL</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>4D108</td>
<td>SPACER</td>
<td>14</td>
</tr>
<tr>
<td>4</td>
<td>4J611</td>
<td>PIPE AXLE ASSY - FR - 89 1/8” (<em>SEE FIGURE 1-18</em>)</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>5J375</td>
<td>AXLE CLAMP ASSEM (<em>SEE FIGURE 1-17</em>)</td>
<td>2</td>
</tr>
<tr>
<td>ITEM</td>
<td>PART NUMBER</td>
<td>DESCRIPTION</td>
<td>QTY</td>
</tr>
<tr>
<td>------</td>
<td>---------------</td>
<td>-------------------------------</td>
<td>-----</td>
</tr>
<tr>
<td>1</td>
<td>5J375</td>
<td>AXLE CLAMP ASSEM</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1-654-010080-2</td>
<td>SCREW SET 1/2X1-1/4 SQHD CP PT</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>9D673</td>
<td>U-BOLT 1/2-13 X 3-1/4 X 4-9/16</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>9C031</td>
<td>AXLE CLAMP 7000747</td>
<td>1</td>
</tr>
</tbody>
</table>

Figure 1-17: Axle Clamp Assembly
**Pipe Axle Assembly with Outer Bearings - 85-1/8”**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J610</td>
<td>PIPE AXLE ASSY - FR - 85 1/8”</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>9C182</td>
<td>OUTER BEARING HOUSING ASSY.</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>NSS</td>
<td>AXLE PIPE - FR 81-1/8</td>
<td>1</td>
</tr>
</tbody>
</table>

**Pipe Axle Assembly with Outer Bearings - 89-1/8”**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J611</td>
<td>PIPE AXLE ASSY - RR - 89 1/8”</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>9C182</td>
<td>OUTER BEARING HOUSING ASSY.</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>NSS</td>
<td>AXLE PIPE - RR - 85-1/8</td>
<td>1</td>
</tr>
</tbody>
</table>
**Bearing Housing Assembly, Outer**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>9C182</td>
<td>OUTER BEARING HOUSING ASSY.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>9C016</td>
<td>BEARING</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>9C014</td>
<td>OUTER HOUSING</td>
<td>1</td>
</tr>
</tbody>
</table>

Figure 1-19: Bearing Housing Assembly, Outer
### Hydraulics

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5J280</td>
<td>HYD CYLINDER - 3 X 8 (SEE FIGURE 1-24)</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2062-8-8S</td>
<td>ADAPTER, 90 #8 O-RING TUBE</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>141881</td>
<td>HOSE ASSY 3/8X136 #8 JIC SWIV</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>202702-8-8S</td>
<td>ADAPTER #8 O-RING TO #8 TUBE</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>141828</td>
<td>COUPLER MALE 3/4-16 O-RING</td>
<td>2</td>
</tr>
</tbody>
</table>

![Figure 1-20: Hydraulics](image)
<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J622</td>
<td>SCRAPER BAR</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2D110</td>
<td>SCRAPER</td>
<td>21</td>
</tr>
<tr>
<td>3</td>
<td>3J595</td>
<td>CARRIAGE BOLT 3/8-16 X 1-1/2 GR5</td>
<td>21</td>
</tr>
<tr>
<td>4</td>
<td>1-861-010032-11</td>
<td>WASHER, FLAT 3/8 W ZP/CD</td>
<td>21</td>
</tr>
<tr>
<td>5</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>21</td>
</tr>
<tr>
<td>6</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>21</td>
</tr>
<tr>
<td>7</td>
<td>7C022</td>
<td>BEVEL WASHER</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>1-654-010055-05</td>
<td>SCREW,HEX CAP, 1/2-13UNCX2 GR5</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>1-861-010032-15</td>
<td>WASHER, FLAT 1/2 W ZP/CD</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL SPR, 1/2</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>4</td>
</tr>
<tr>
<td>12</td>
<td>1K088</td>
<td>DECAL BRACKET</td>
<td>1</td>
</tr>
</tbody>
</table>
### Front Scrapers - Optional

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J625</td>
<td>M881 FRONT SCRAPER KIT</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4J626</td>
<td>SCRAPER BAR - LH</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>4J628</td>
<td>SCRAPER BAR - RH</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1-654-010059-03</td>
<td>SCREW 5/8-11UNCX1-1/2 HXCP G5</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>1-861-010034-15</td>
<td>WASHER, LKG, HLCL SPR, 5/8</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>1-512-010007-11</td>
<td>NUT, HEX 5/8-11 GR2 ZP</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>1-654-010055-03</td>
<td>SCREW, HEX CAP, 1/2-13UNCX1-1/2</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>1-861-010034-13</td>
<td>WASHER, LKG HLCL, SPR, 1/2</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>1-512-010007-09</td>
<td>NUT, HEX 1/2-13 ZP</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>2D110</td>
<td>SCRAPER</td>
<td>20</td>
</tr>
<tr>
<td>11</td>
<td>3J595</td>
<td>CARRIAGE BOLT (3/8-16 X 1-1/2 GR5)</td>
<td>20</td>
</tr>
<tr>
<td>12</td>
<td>1-861-010032-11</td>
<td>WASHER, FLAT 3/8 W ZP/CD</td>
<td>20</td>
</tr>
<tr>
<td>13</td>
<td>1-861-010034-11</td>
<td>WASHER, LKG HLCL SPR, 3/8</td>
<td>20</td>
</tr>
<tr>
<td>14</td>
<td>1-512-010007-07</td>
<td>NUT, HEX 3/8-16 ZP</td>
<td>20</td>
</tr>
</tbody>
</table>

**Figure 1-22: Front Scrapers - Optional**
ILLUSTRATED PARTS LIST

Figure 1-23: Land Leveler - Optional

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4J635</td>
<td>M881 LAND LEVELER KIT</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>4J636</td>
<td>LEVELER ANGLE</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>9D014</td>
<td>LEVELER SUPPORT</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>1-654-010055-05</td>
<td>SCREW HEX CAP, 1/2-13UNCX2 GR5</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>1-861-010034-13</td>
<td>WASHER,LKG HLCL SPR, 1/2</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>1-512-010007-09</td>
<td>NUT HEX 1/2-13 ZP</td>
<td>8</td>
</tr>
</tbody>
</table>
## Illustrated Parts List

### Hydraulic Cylinder, 3 x 8

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5J280</td>
<td>HYDRAULIC CYLINDER, 3 X 8</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>9D481</td>
<td>ROD END CLEVIS</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1-654-010051-10</td>
<td>SCREW, HX CP 3/8-16X2-1/4 GR5</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1-512-010005-05</td>
<td>NUT, HEX SLFLKG GRB3/8-16</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>7K942</td>
<td>PISTON ROD</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>NSS</td>
<td>PISTON NUT, 1-14 UNF, SELF LOCKING</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>7K930</td>
<td>PISTON FOR 6J216P</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>NSS</td>
<td>O-RING</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>NSS</td>
<td>ROD WIPER</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>NSS</td>
<td>U-CUP</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>NSS</td>
<td>BACK UP WASHER</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>NSS</td>
<td>O-RING</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>NSS</td>
<td>CROWN SEAL</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>6J340</td>
<td>TUBE</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>7K932</td>
<td>TIE ROD (AND NUT) ASSEMBLY</td>
<td>4</td>
</tr>
<tr>
<td>16</td>
<td>7049</td>
<td>BUTT END CLEVIS</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>1-007-010025</td>
<td>PLUG, 3/4-16 O-RING BOSS</td>
<td>3</td>
</tr>
<tr>
<td>18</td>
<td>5J650</td>
<td>CLEVIS PIN</td>
<td>2</td>
</tr>
<tr>
<td>19</td>
<td>110-4224</td>
<td>COTTER PIN, 3/16” X 2”</td>
<td>4</td>
</tr>
<tr>
<td>20</td>
<td>7K926</td>
<td>PMCK-BD-0565 SEAL KIT (INCLUDES ITEMS 8-13)</td>
<td></td>
</tr>
</tbody>
</table>

---

Figure 1-24: Hydraulic Cylinder, 3 x 8
ILLUSTRATED PARTS LIST

Decals

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4K036</td>
<td>DECAL-BRILLION (2 3/4 X 20)</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>4K103</td>
<td>DECAL-BRILLION (3 3/4 X 16 3/4)</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>8J310</td>
<td>DECAL - CAUTION</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>3K706</td>
<td>DECAL - WARNING HYDRAULIC LEAKS</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>528934</td>
<td>REFLECTOR - YELLOW</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>528933</td>
<td>REFLECTOR - RED</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>2P151</td>
<td>SMV W/BRACKET</td>
<td>1</td>
</tr>
</tbody>
</table>

1. DO NOT LUBRICATE, ADJUST OR REPAIR WHILE MACHINE IS IN MOTION.
2. DO NOT TOW OR TRANSPORT FASTER THAN 15 MILES PER HOUR.
3. DO NOT RIDE OR ALLOW OTHERS TO RIDE ON THE MACHINE.
4. Block up all hydraulically or mechanically raised components to prevent unintended lowering or lowering the machine to the ground to make adjustment or repairs or when not in use.
5. Keep all persons away from machine during hitching and operating.
6. Do not use vehicle near fumes or flames.
7. Drive slowly over rough ground, side hill, and around curves to avoid tipping.
8. Keep all guards and shields in place while machine or parts are in motion.
9. Keep all persons away from machine during hitching and operating.
10. Do not use vehicle near fumes or flames.

Figure 1-25: Decals

WARNING

DO NOT GO NEAR LEAKS
High pressure oil easily punctures skin causing serious injuries, gangrene or death.
If injured, seek emergency medical help. Immediate surgery is required to remove oil.
Do not use fingers or skin to check for leaks. Lower load or relieve hydraulic pressure before loosening fittings.
Figure 1-26: Decals
ILLUSTRATED PARTS LIST

Table provided for general use.

NOTES:

1-36  2K796
Chapter 2

Numerical Index

<table>
<thead>
<tr>
<th>Numerics</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 x 1-1/2</td>
<td>1-11</td>
</tr>
<tr>
<td>100131</td>
<td>1-11</td>
</tr>
<tr>
<td>1-007-010025</td>
<td>1-33</td>
</tr>
<tr>
<td>101988</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>104032</td>
<td>1-2</td>
</tr>
<tr>
<td>105-0093</td>
<td>1-11</td>
</tr>
<tr>
<td>1-076-010008</td>
<td>1-7</td>
</tr>
<tr>
<td>110-0344</td>
<td>1-7</td>
</tr>
<tr>
<td>110-0354</td>
<td>1-11, 1-12</td>
</tr>
<tr>
<td>110-4224</td>
<td>1-33</td>
</tr>
<tr>
<td>1-116-010019</td>
<td>1-11</td>
</tr>
<tr>
<td>1-298-010001-1</td>
<td>1-5, 1-7</td>
</tr>
<tr>
<td>141433</td>
<td>1-11</td>
</tr>
<tr>
<td>141828</td>
<td>1-29</td>
</tr>
<tr>
<td>141881</td>
<td>1-29</td>
</tr>
<tr>
<td>1-512-010005-05</td>
<td>1-6, 1-11, 1-33</td>
</tr>
<tr>
<td>1-512-010005-09</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>1-512-010005-13</td>
<td>1-11</td>
</tr>
<tr>
<td>1-512-010005-19</td>
<td>1-11</td>
</tr>
<tr>
<td>1-512-010007-07</td>
<td>1-12, 1-15, 1-17, 1-19, 1-21, 1-30, 1-31</td>
</tr>
<tr>
<td>1-512-010007-11</td>
<td>1-2, 1-5, 1-12, 1-31</td>
</tr>
<tr>
<td>1-557-010362-51</td>
<td>1-5</td>
</tr>
<tr>
<td>164769</td>
<td>1-6</td>
</tr>
<tr>
<td>1-654-010032-25</td>
<td>1-11</td>
</tr>
<tr>
<td>1-654-010049-05</td>
<td>1-2</td>
</tr>
<tr>
<td>1-654-010051-09</td>
<td>1-15, 1-17, 1-19, 1-21</td>
</tr>
<tr>
<td>1-654-010051-10</td>
<td>1-33</td>
</tr>
<tr>
<td>1-654-010051-13</td>
<td>1-6, 1-12</td>
</tr>
<tr>
<td>1-654-010055-03</td>
<td>1-5, 1-12, 1-15, 1-17, 1-19, 1-21, 1-31</td>
</tr>
<tr>
<td>1-654-010055-05</td>
<td>1-23, 1-30, 1-32</td>
</tr>
<tr>
<td>1-654-010055-07</td>
<td>1-11, 1-23</td>
</tr>
<tr>
<td>1-654-010055-14</td>
<td>1-15, 1-19</td>
</tr>
<tr>
<td>1-654-010055-18</td>
<td>1-11</td>
</tr>
<tr>
<td>1-654-010059-03</td>
<td>1-31</td>
</tr>
<tr>
<td>1-654-010059-04</td>
<td>1-2, 1-5, 1-12</td>
</tr>
<tr>
<td>1-654-010059-05</td>
<td>1-11</td>
</tr>
<tr>
<td>1-654-010070-11</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>1-654-010080-2</td>
<td>1-26</td>
</tr>
<tr>
<td>1-861-010032-09</td>
<td>1-11</td>
</tr>
<tr>
<td>1-861-010032-11</td>
<td>1-22, 1-30, 1-31</td>
</tr>
<tr>
<td>1-861-010032-15</td>
<td>1-30</td>
</tr>
<tr>
<td>1-861-010032-18</td>
<td>1-11</td>
</tr>
<tr>
<td>1-861-010032-21</td>
<td>1-12</td>
</tr>
<tr>
<td>1-861-010032-24</td>
<td>1-11</td>
</tr>
<tr>
<td>1-861-010034-11</td>
<td>1-15, 1-17, 1-19, 1-21, 1-30, 1-31</td>
</tr>
<tr>
<td>1-861-010034-15</td>
<td>1-2, 1-5, 1-12, 1-31</td>
</tr>
<tr>
<td>1C272</td>
<td>1-22</td>
</tr>
<tr>
<td>1D273</td>
<td>1-7</td>
</tr>
<tr>
<td>1D927</td>
<td>1-25</td>
</tr>
<tr>
<td>1J176</td>
<td>1-23</td>
</tr>
<tr>
<td>1J194</td>
<td>1-5</td>
</tr>
<tr>
<td>1J203</td>
<td>1-5</td>
</tr>
<tr>
<td>1J222</td>
<td>1-5</td>
</tr>
<tr>
<td>NUMERICAL INDEX</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>---</td>
</tr>
<tr>
<td>1J223</td>
<td>1-5</td>
</tr>
<tr>
<td>1J269</td>
<td>1-5</td>
</tr>
<tr>
<td>1J377</td>
<td>1-7</td>
</tr>
<tr>
<td>1J390</td>
<td>1-7</td>
</tr>
<tr>
<td>1J398</td>
<td>1-6, 1-7</td>
</tr>
<tr>
<td>1J463</td>
<td>1-7</td>
</tr>
<tr>
<td>1J834</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>1J887</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>1K088</td>
<td>1-30</td>
</tr>
<tr>
<td>202702-8-8S</td>
<td>1-29</td>
</tr>
<tr>
<td>2062-8-8S</td>
<td>1-29</td>
</tr>
<tr>
<td>2107649</td>
<td>1-7</td>
</tr>
<tr>
<td>2C322</td>
<td>1-22</td>
</tr>
<tr>
<td>2C323</td>
<td>1-22</td>
</tr>
<tr>
<td>2C628</td>
<td>1-15, 1-17</td>
</tr>
<tr>
<td>2C642</td>
<td>1-12</td>
</tr>
<tr>
<td>2D110</td>
<td>1-30, 1-31</td>
</tr>
<tr>
<td>2D213</td>
<td>1-25</td>
</tr>
<tr>
<td>2D473</td>
<td>1-11</td>
</tr>
<tr>
<td>2J155</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>2J241</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>2K563</td>
<td>1-15, 1-19</td>
</tr>
<tr>
<td>2K569</td>
<td>1-17, 1-21</td>
</tr>
<tr>
<td>2K570</td>
<td>1-21</td>
</tr>
<tr>
<td>2K571</td>
<td>1-15, 1-17, 1-19</td>
</tr>
<tr>
<td>2K595</td>
<td>1-2</td>
</tr>
<tr>
<td>2K596</td>
<td>1-15, 1-17, 1-19, 1-21</td>
</tr>
<tr>
<td>2K601</td>
<td>1-15, 1-19</td>
</tr>
<tr>
<td>2P151</td>
<td>1-2, 1-34</td>
</tr>
<tr>
<td>3/4-16HSN</td>
<td>1-7</td>
</tr>
<tr>
<td>3C028</td>
<td>1-22</td>
</tr>
<tr>
<td>3J165</td>
<td>1-15, 1-17, 1-19, 1-21</td>
</tr>
<tr>
<td>3J595</td>
<td>1-30, 1-31</td>
</tr>
<tr>
<td>3J608</td>
<td>1-11</td>
</tr>
<tr>
<td>3J880</td>
<td>1-11</td>
</tr>
<tr>
<td>3K706</td>
<td>1-34</td>
</tr>
<tr>
<td>415</td>
<td>1-8</td>
</tr>
<tr>
<td>4C129</td>
<td>1-8</td>
</tr>
<tr>
<td>4C856</td>
<td>1-5, 1-12</td>
</tr>
<tr>
<td>4D044</td>
<td>1-2</td>
</tr>
<tr>
<td>4D046</td>
<td>1-2</td>
</tr>
<tr>
<td>4D066</td>
<td>1-11</td>
</tr>
<tr>
<td>4D100</td>
<td>1-11</td>
</tr>
<tr>
<td>4D108</td>
<td>1-25</td>
</tr>
<tr>
<td>4D198</td>
<td>1-12</td>
</tr>
<tr>
<td>4D386</td>
<td>1-15, 1-17</td>
</tr>
<tr>
<td>4D778</td>
<td>1-11</td>
</tr>
<tr>
<td>4J601</td>
<td>1-11</td>
</tr>
<tr>
<td>4J604</td>
<td>1-2</td>
</tr>
<tr>
<td>4J606</td>
<td>1-2</td>
</tr>
<tr>
<td>4J608</td>
<td>1-23, 1-24</td>
</tr>
<tr>
<td>4J609</td>
<td>1-23, 1-24</td>
</tr>
<tr>
<td>4J610</td>
<td>1-24, 1-25, 1-27</td>
</tr>
<tr>
<td>4J611</td>
<td>1-24, 1-25, 1-27</td>
</tr>
<tr>
<td>4J614</td>
<td>1-5, 1-6</td>
</tr>
<tr>
<td>4J622</td>
<td>1-30</td>
</tr>
<tr>
<td>4J625</td>
<td>1-31</td>
</tr>
<tr>
<td>4J626</td>
<td>1-31</td>
</tr>
<tr>
<td>4J628</td>
<td>1-31</td>
</tr>
<tr>
<td>4J635</td>
<td>1-32</td>
</tr>
<tr>
<td>4J636</td>
<td>1-32</td>
</tr>
<tr>
<td>4J640</td>
<td>1-12</td>
</tr>
<tr>
<td>4J643</td>
<td>1-15, 1-19</td>
</tr>
<tr>
<td>4J645</td>
<td>1-23, 1-25</td>
</tr>
<tr>
<td>4J646</td>
<td>1-23, 1-25</td>
</tr>
<tr>
<td>4K036</td>
<td>1-34</td>
</tr>
<tr>
<td>4K103</td>
<td>1-34</td>
</tr>
<tr>
<td>528933</td>
<td>1-34</td>
</tr>
<tr>
<td>528934</td>
<td>1-34</td>
</tr>
<tr>
<td>5C078</td>
<td>1-15, 1-17</td>
</tr>
<tr>
<td>5C100</td>
<td>1-5</td>
</tr>
<tr>
<td>5C912</td>
<td>1-7</td>
</tr>
<tr>
<td>5J080</td>
<td>1-19, 1-21</td>
</tr>
<tr>
<td>5J280</td>
<td>1-5, 1-29, 1-33</td>
</tr>
<tr>
<td>5J375</td>
<td>1-24, 1-25, 1-26</td>
</tr>
<tr>
<td>5J609</td>
<td>1-19, 1-21</td>
</tr>
</tbody>
</table>
5J616 .................. 1-15, 1-17, 1-19, 1-21
5J650 .................. 1-33
6C702 .................. 1-12
6C956 .................. 1-15, 1-17, 1-19, 1-21, 1-22
6C957 .................. 1-22
6C959 .................. 1-22
6D333 .................. 1-11
6D828 .................. 1-11
6D865 .................. 1-11
6D868 .................. 1-11
6D870 .................. 1-11
6D872 .................. 1-11
6D873 .................. 1-11
6D879 .................. 1-11
6D944 .................. 1-11
6J340 .................. 1-33
6K911 .................. 1-5, 1-8
712099 .................. 1-7
7C022 .................. 1-23, 1-30
7C309 .................. 1-15, 1-17, 1-19, 1-21
7D014 .................. 1-19, 1-21
7D728 .................. 1-19, 1-21
7J049 .................. 1-33
7K926 .................. 1-33
7K930 .................. 1-33
7K931 .................. 1-33
7K932 .................. 1-33
7K942 .................. 1-33
8C520 .................. 1-5
8C988 .................. 1-24
8D099 .................. 1-5
8J172 .................. 1-15, 1-17
8J310 .................. 1-34
8J789 .................. 1-8
9C014 .................. 1-28
9C016 .................. 1-28
9C031 .................. 1-26
9C182 .................. 1-27, 1-28
9D014 .................. 1-32
9D481 .................. 1-33
9D662 .................. 1-15, 1-17
9D672 .................. 1-23
9D673 .................. 1-26
9D936 .................. 1-12
Table provided for general use.

<table>
<thead>
<tr>
<th>NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Chapter 3
Glossary

For clarity this glossary of industry standard abbreviations and their definitions are provided.
For additional information, See “Instructions for Ordering Parts” on page 1-1.

<table>
<thead>
<tr>
<th>A</th>
<th>ASSY OR ASM</th>
<th>Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AR</td>
<td>As Required</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B</th>
<th>BHSC</th>
<th>Button Head Socket Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLK</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>BLKHD</td>
<td>Bulkhead</td>
<td></td>
</tr>
<tr>
<td>BLNCE</td>
<td>Balance</td>
<td></td>
</tr>
<tr>
<td>BTN</td>
<td>Button</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C</th>
<th>CB</th>
<th>Carriage Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CP</td>
<td>Cap</td>
</tr>
<tr>
<td></td>
<td>CRG</td>
<td>Carriage</td>
</tr>
<tr>
<td></td>
<td>CTSK</td>
<td>Countersunk</td>
</tr>
<tr>
<td></td>
<td>CTWT</td>
<td>Counterweight</td>
</tr>
<tr>
<td></td>
<td>CVR</td>
<td>Cover</td>
</tr>
<tr>
<td></td>
<td>CYD OR CYL</td>
<td>Cylinder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D</th>
<th>DBL</th>
<th>Double</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEG</td>
<td>Degree</td>
<td></td>
</tr>
<tr>
<td>DIA</td>
<td>Diameter</td>
<td></td>
</tr>
</tbody>
</table>

| E     | ENCLSD       | Enclosed     |

<table>
<thead>
<tr>
<th>F</th>
<th>BHCS</th>
<th>Flanged Head Cap Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FHHCS</td>
<td>Flanged Hex Head Cap Screw</td>
</tr>
<tr>
<td></td>
<td>FL OR FLG</td>
<td>Flange</td>
</tr>
<tr>
<td></td>
<td>FLT</td>
<td>Flat</td>
</tr>
<tr>
<td></td>
<td>FRT</td>
<td>Front</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G</th>
<th>GA</th>
<th>Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GR5</td>
<td>Grade 5</td>
</tr>
<tr>
<td></td>
<td>GR8</td>
<td>Grade 8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>H</th>
<th>HHCS</th>
<th>Hex Head Cap Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HCS</td>
<td>High Carbon Steel</td>
</tr>
<tr>
<td></td>
<td>HD</td>
<td>Head</td>
</tr>
<tr>
<td></td>
<td>HLCL OR HEL</td>
<td>Helical</td>
</tr>
<tr>
<td></td>
<td>HCSKT</td>
<td>Hex Socket</td>
</tr>
<tr>
<td></td>
<td>HSFC</td>
<td>Hex Socket Flat Countersunk</td>
</tr>
<tr>
<td></td>
<td>HX</td>
<td>Hex</td>
</tr>
<tr>
<td></td>
<td>HYD</td>
<td>Hydraulic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I</th>
<th>ID</th>
<th>Inside Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IND</td>
<td>Indicator</td>
</tr>
<tr>
<td></td>
<td>INT</td>
<td>Interior</td>
</tr>
</tbody>
</table>
### Glossary

#### L
- **LH**: Lefthand
- **LIM**: Limit
- **LKG OR LOCK**: Locking
- **LWR**: Lower

#### M
- **MACH**: Machined
- **MANF**: Manifold
- **MNT**: Mount

#### N
- **NK**: Neck
- **NRW**: Narrow
- **NSS**: Not Serviced Separately
- **NYL**: Nylon

#### O
- **OD**: Outside Diameter
- **OHG**: Overhead Guard
- **ORFS OR ORS**: O-Ring Seal
- **ORP OR ORB**: O-Ring Boss

#### R
- **REFLCTV**: Reflective
- **RH**: Righthand
- **RND OR RD**: Round
- **ROT**: Rotation
- **RTNR**: Retainer

#### S
- **SER**: Series
- **SGL**: Single
- **SHCS**: Socket Head Cap Screw
- **SHLD**: Shield
- **SKT OR SOC**: Socket
- **SLFLKG**: Selflocking
- **SPR**: Spring
- **SQ**: Square
- **SRTD**: Serrated
- **SSCR**: Setscrew
- **SST**: Stainless Steel
- **STD**: Standard
- **STRN**: Strain

#### SWVL
- **SWVL**: Swivel

#### U
- **UNC**: Unified Coarse Thread
- **UNF**: Unified Fine Thread
- **UPR**: Upper

#### W
- **WHL**: Wheel
- **WLD OR WLDMT**: Weldment
- **WSHR**: Washer

#### Z
- **ZP**: Zinc Plate
<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Improvement(s) Description and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/12/2005</td>
<td>997rev1105</td>
<td>Initial Release</td>
</tr>
<tr>
<td>10/15/2012</td>
<td>997rev1012</td>
<td>Improved Pictures, Translated to Landoll Format, Incorporated Engineering Changes</td>
</tr>
</tbody>
</table>