Before starting installation:

- Familiarize yourself with all the required hardware.
- Arrange all parts for easy access.
- Refer to the assembly and operating manual for assembly safety and operating instructions.

**HYDRAULIC WINCH INSTALLATION**

1. Unwind the cable from the manual winch spool and disconnect the cable from the spool by loosening or removing the cable clamp and pulling the cable free of the spool.
2. Disconnect the manual winch from the auger boot.
3. Install the hydraulic winch, as shown in Figure 1.
4. Install the pulley guide onto the lift arm as shown in Figure 1.
5. Install the hydraulic winch valve, and PTO transport strap, as shown in Figure 2.
6. Ensure that the winch cable feeds through the two lift arm pulleys (at the top of the lift arm and at the pulley guide), then feed the winch cable under the spool and connect it to the spool (minimum 3 wraps around the spool, feed cable through hole in side of spool, and secure with clamp and clamp hardware) as shown in Figure 3.
7. Connect hydraulic hose between the control valve and the winch, as shown in Figure 4.
8. Remove PTO saddle bracket and replace with new saddle bracket using original hardware.
Figure 1 Installing the Hydraulic Winch

- HYDRAULIC WINCH MOUNTING PLATE
- 3/8" LOCK NUTS [17402]
- 3/8" FLAT WASHERS [17392]
- 5/16" X 1" BOLTS [17125] AND LOCKNUTS [19980]

Figure 2 Installing the Hydraulic Winch Valve and PTO Transport Strap

- HYDRAULIC WINCH VALVE
- SADDLE PIN [19648]
- VALVE BRACKET [20735]
- 5/16" X 1-3/4" BOLTS [17712]
- GRIP CLIP [17383]
- VALVE ATTACH PLATE [20044]
- 1/2" LOCKNUTS [17750]
- 1/2" X 1-1/2" BOLTS [19589]
- LIFT ARM
- PULLEY GUIDE
Figure 3 Installing the Winch Cable

NOTE: FEED THE CABLE MINIMUM 3 WRAPS AROUND THE SPOOL

- WINCH CABLE
- PULLEY
- PULLEY GUIDE
- CABLE CLAMP
- SPOOL
- THREAD CABLE THROUGH HOLE

Figure 3 Installing the Winch Cable
Figure 4 Installing the Hydraulic Hose Between the Control Valve and Winch

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>A</td>
<td>STEEL ELBOW 90.1 / 2FNPSMX3 / 8MNPT (1100625)</td>
</tr>
<tr>
<td>B</td>
<td>3/8&quot; x 132&quot; HYDRAULIC HOSE (21774)</td>
</tr>
<tr>
<td>C</td>
<td>3/8&quot; x 77&quot; HYDRAULIC HOSE (21860)</td>
</tr>
<tr>
<td>D</td>
<td>PIONEER COUPLER (9900047)</td>
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