

GENERAL DESCRIPTION

These instructions will guide you through: 1) converting a New Leader 4940 box for installation on a John Deere 4930 chassis; or 2) converting a New Leader 4930 box for installation on a John Deere 4940 chassis. Both conversions require two hose changes and attaching an electrical adapter harness. Please refer to the operator's manual for details on safety, installation, operation and maintenance.

To convert a New Leader 4940 Box to a John Deere 4930 CHASSIS, use conversion kit 308807.			To convert a New Leader 4930 box to a John Deere 4940 CHASSIS, use conversion kit 308808.		
PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY
308807	Hose & Harness Conversion Kit 4940 Box to 4930 chassis - Includes following items	1	308808	Hose & Harness Conversion Kit 4930 Box to 4940 Chassis - Includes following items	1
302866	Hose - Assy 3/4 x 32" 100R12	1	308805	Hose - Assy 3/4 x 21" 100R12	1
302868	Hose - Assy 3/4 x 52 1/2" 2CB	1	308806	Hose - Assy 3/4 x 47" 2CB	1
308829	Harness - 4940 Box to 4930 Chassis	1	308828	Harness - 4930 Box to 4940 Chassis	1

INSTRUCTIONS**WARNING**

Shut off all power and allow all moving parts to come to rest before performing any maintenance operation.

**WARNING**

DO NOT check leaks with hands while system is operating as high pressure leaks are very dangerous! DO NOT check for leaks adjacent to moving parts while system is operating as there may be danger of entanglement!

CHANGE HYDRAULIC HOSES

1. Remove existing hydraulic return line hose and pressure line hose located on frame rails on box left side as indicated in Figures 1 - 3.



Figure 1 - Return Line and Pressure Line Hydraulic Hoses

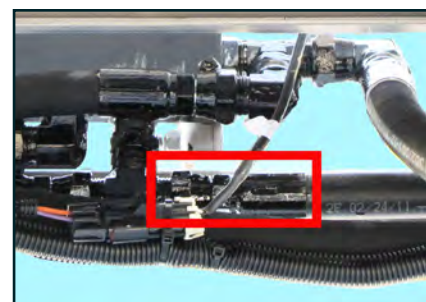


Figure 2 - Detail Return Line



Figure 3 - Detail Pressure Line

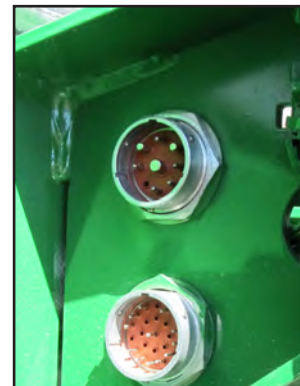
2. Attach proper conversion kit hydraulic hoses to appropriate ports and tighten secure.

INSTRUCTIONS CONTINUEDATTACH ELECTRICAL ADAPTER HARNESS

1. Locate electrical harness on box right side. **DO NOT** disconnect harness from box.
NOTE: Previously installed dry box harnesses will typically hang closer to chassis connection, as shown in Figure 4. New box harnesses are secured near controller box (Figure 5) and need to be positioned closer to chassis connection before continuing to Step 2.

**Figure 4 - Used Box Harness Location****Figure 5 - New Box Harness Location**

2. Attach proper end of adapter harness to box harness per Figure 6.
NOTE: Use adapter harness labels to help determine which end connects to box.
3. Attach adapter harness to chassis connection (Figure 7).

**Figure 6 - Attached Harnesses****Figure 7 - Chassis Harness Connection**

For complete installation instructions go to www.highwayequipment.com. Once on the website, click Customer Support, then Other Manuals & Instructions, then John Deere 4900 Series Dry Spreader Installation Instructions.