

Ag Leader® ***Technology***



SureDrive™ Tractor Power Option All Makes & Models

**SureDrive™ Tractor Power Distribution
Installation Instructions
PN: 2006475-ENG REV. A**

Introduction

Important Information

This guide provides the basic information needed to install the Ag Leader SureDrive Tractor Power Distribution Kits. It is intended to be used by Ag Leader dealers who are trained and knowledgeable about the installation of such systems.

It is important to read this guide prior to beginning the installation. This guide contains warnings of potential hazards, and a collection of best practices that will help your installation go smoothly, safely and be successful.

Trademark

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Technical Support

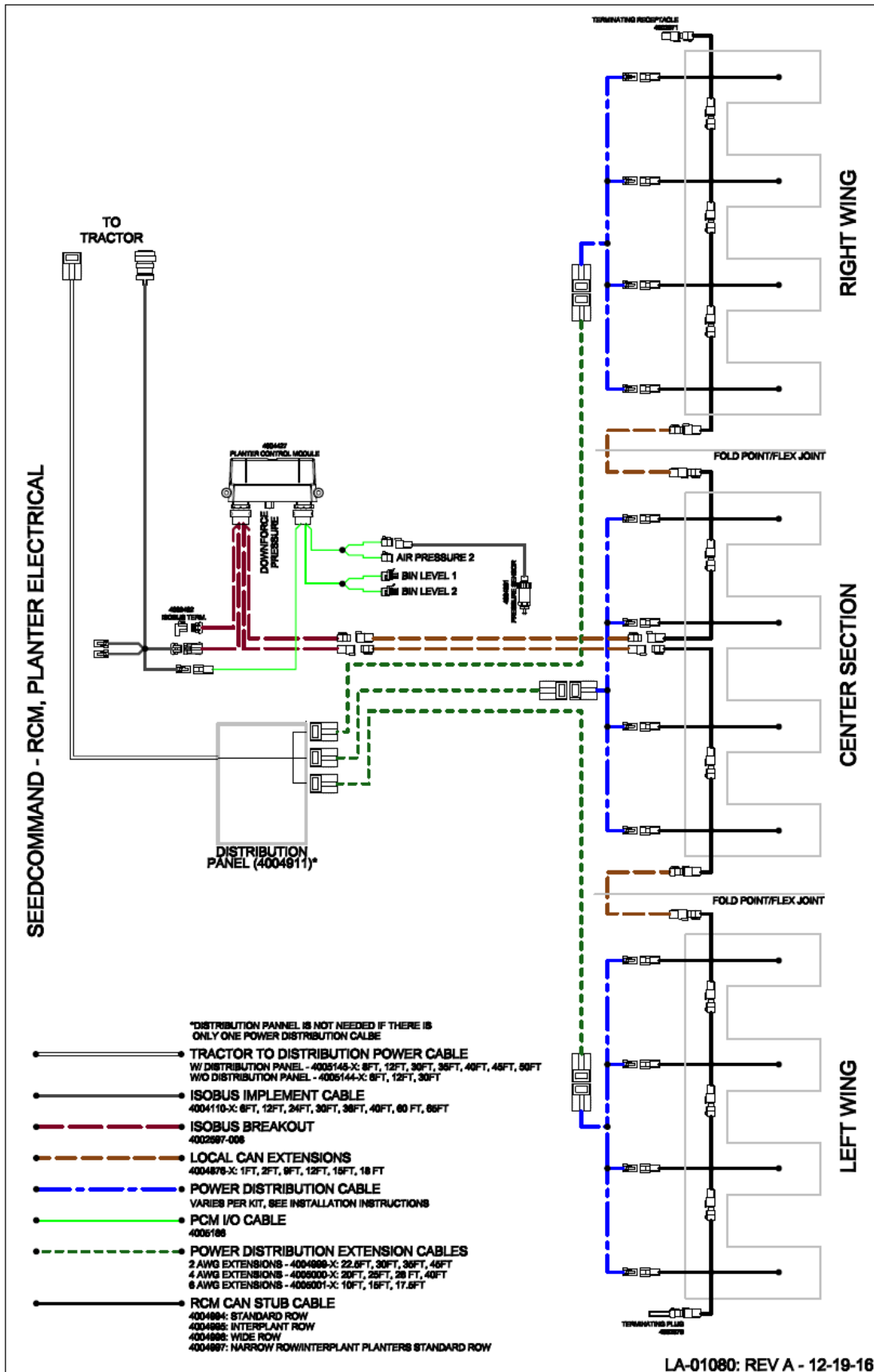
Contact your Ag Leader Dealer or Ag Leader Technology for technical support.

- **Telephone:** (515) 735-7000
- **Email:** support@agleader.com

Legal Disclaimer

- * Read and follow all instructions in this manual carefully before installing or operating the SureDrive system.
- * Take careful note of safety information in this manual and additional safety messages provided throughout this and any other supplemental manuals provided.
- * Ag Leader Technology disclaims any liability for damage or injury that results from failure to follow instructions, cautions and warnings communicated in this guide.

Figure 1: Cable Routing Diagram



SureDrive Tractor Power Distribution

Installation Instructions

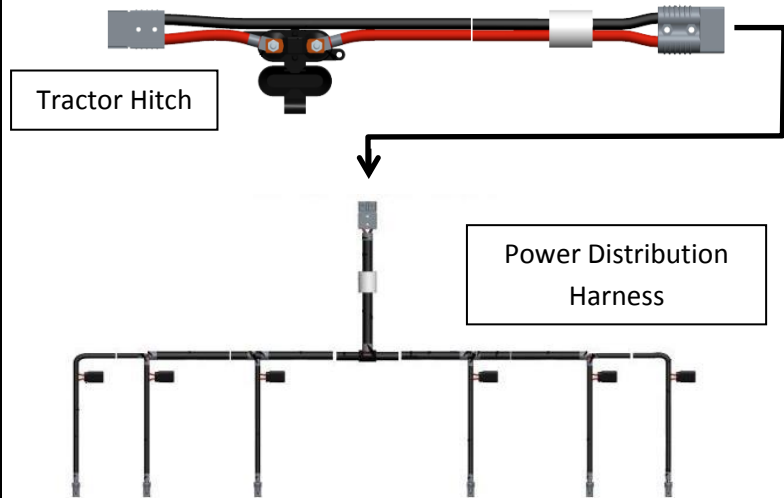
Required Items:

Part Number	QTY	Description
4005143-X	1	CABLE - TRACTOR POWER 1/0 WIRE
4005144-X	1	CABLE - TRACTOR TO DISTRIBUTION POWER*
4005145-X	1	CABLE - POWER - TRACTOR TO DISTRIBUTION BOX**
4101414	1	POWER DISTRIBUTION KIT - SUREDRIVE 100 AMPS**
4004845 OR 4004843	1	DISTRIBUTION POWER - 5 SECTION PANEL ASSEMBLY OR DISTRIBUTION POWER - 3 SECTION PANEL ASSEMBLY ***
* ONLY APPLICABLE IF ONE SUREDRIVE POWER DISTRIBUTION CABLE IS USED		
** ONLY APPLICABLE IF MORE THAN ONE SUREDRIVE POWER DISTRIBUTION CABLE IS USED		
*** DISTRIBUTION POWER PANEL ASSEMBLY IS LOCATED IN THE MASTER KIT (SECTION OPTION DEPENDS ON PLANTER CONFIGURATION)		
X - LENGTH DEPENDS ON EQUIPMENT		

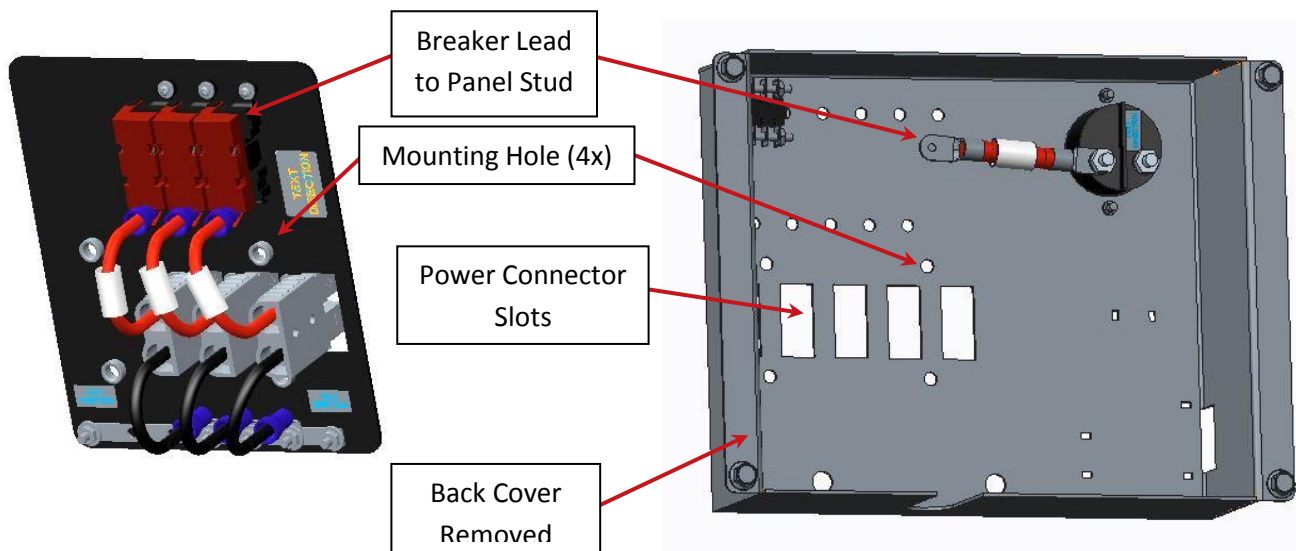
Installation Procedure:

<p>1. Attach Tractor Power Cable to appropriate terminal ends of the tractor's battery and route to the hitch. Secure cable with zip ties.</p>	
<p>NOTE: If a Distribution Box is not required (only 1 power distribution harness needed), proceed to step 2 and then step 8. If a Distribution Box is required, skip step 2 and proceed with steps 3-8.</p>	

2. Connect the Tractor to Distribution Power Cable to the Power Distribution Harness. Route to tractor's hitch and secure with zip ties.



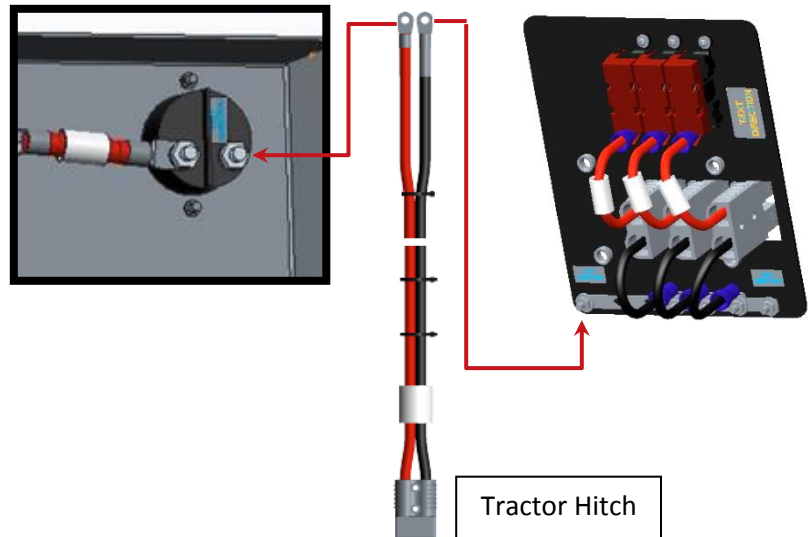
3. Remove back cover and install Panel Assembly into the Distribution Box by inserting power connectors through the slots from the inside of the box. Fasten the panel with the 4 provided 8mm x 16mm hex bolts in the Power Distribution hardware kit.
4. Secure the short lead from the breaker switch to the top right stud of the Panel Assembly.



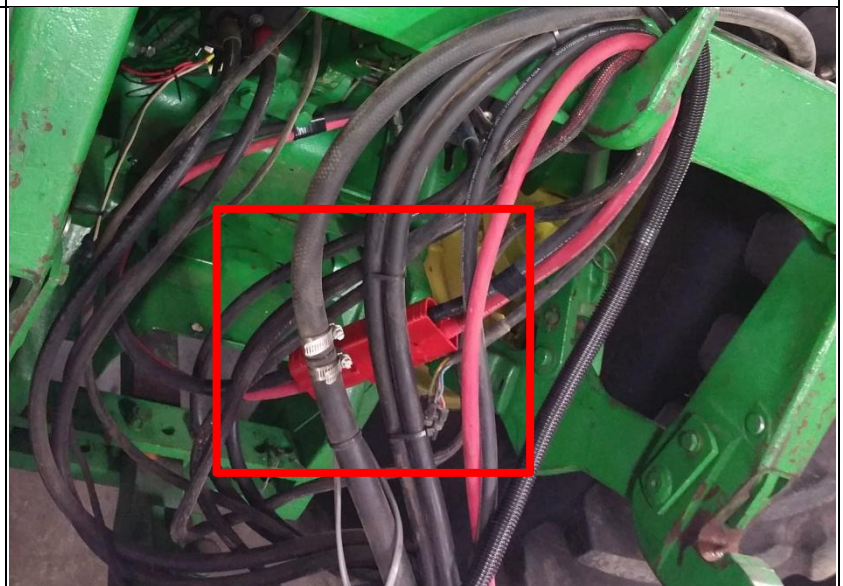
5. Mount Distribution Box within 5ft. of center of planter.



6. Secure appropriate terminal ends to corresponding studs in Distribution Box. Route cable to hitch and secure with zip ties.
7. Replace Distribution Box cover.



8. Connect power cables at hitch.



Post-Installation Checklist

- All cable ends and terminations are connected.
- All cables are secured with cable ties.
- Verify planter can fold and unfold without cable damage.
- Verify that terminal ends are connected to the correct post.