


Section/Rate Control Kit Installation Guide

Kit: SECT RATE CTRL SPX-3185
P/N 911-0009-000

Fits CaseIH SPX Sprayer Models:

3150 3185 3200 3200-B

Read and Follow Safety Messages

- In these instructions, you may see the heading WARNING and the safety alert symbol . They indicate a hazardous situation that, if not avoided, could result in death or serious injury. The safety messages provide information to identify a hazard associated with potential injury.
- Before installing, operating, or performing maintenance or service on any part of the system, read and understand this installation guide.
- Do not allow anyone to operate without instruction.
- Keep these instructions and all related safety information with the manuals for your machine and other implements.



If you have questions or need assistance, contact your local dealer or distributor.



Overview

A series of equipment-specific kits has been developed to enable the AC110 section/rate controller to interface with your product rate controller. This kit contains the components and instructions to connect an AC110 with the sprayer models listed above.

Please read this manual thoroughly before beginning the installation.

Kit Contents

Unpack this kit and identify the required parts as shown. Kit items are referenced A, B, C etc. and those references are used in the installation steps and pictures.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
A	054-0157-000#	1	Interface cable	
B	750-5006-000#	1	Section/rate controller (AC110)	

Kit Contents (continued)

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
C	054-0144-000#	1	Power cable	
D	054-0185-000#	1	Power switch cable	
E	051-0067-005#	1	Input/output splitter ('Y') cable	
F	051-0288-000#	1	CAN loop back connector (terminator)	
G	677-2001	20	Tie strap, 11" heavy duty	

Connections and Installation

1. Standard AC110 connections.

NOTE:

The text and figures in this section detail the connections that you will need to make. Exactly when you make the connections depends on individual installations and your working preferences. See “Appendix - AC110 Cables and Connections”, page 5.

- a. Install the loop back connector (terminator) **F** in the appropriate connector on interface cable **A** then connect **A** (main plug and power connectors) to AC110 **B** (red to + positive, black to - negative). Do not refit terminal nuts yet.

Install power cable **C** (‘non-fused’ end) on AC110 **B**. Refit the terminal nuts and tighten the power connections (Figure 1a).

- b. Disconnect the console cable from the back of the existing rate controller (Figure 1b-i). Connect the console cable to interface cable **A** (Figure 1b-ii).

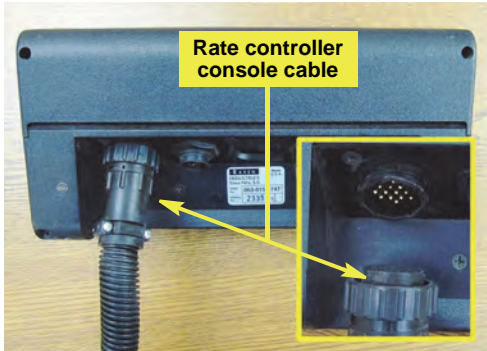


Figure 1b-i: Disconnecting controller console cable

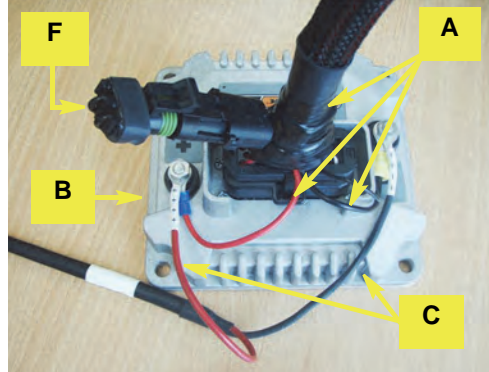


Figure 1a: Connections at AC110

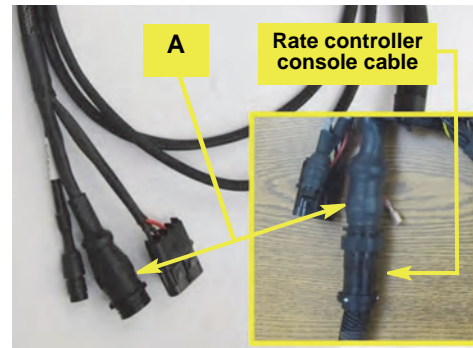


Figure 1b-ii: Reconnecting controller console cable

- c. Using the splitter (‘Y’) cable **E** (but see note following), tie into the existing CAN connection. For example, connect **E** between the 7-pin CAN connector labeled “ECU” on the Outback MAX cable (with the white main connector) and the 7-pin CAN connector on interface cable **A** (Figure 1c).

NOTE:

You can use splitter cable **E** as an extension cable between interface cable **A** and the CAN connection “ECU” on the (white connector) Outback MAX cable. You can also use cable **E** to connect the switchbox if installed (Figure 1c).

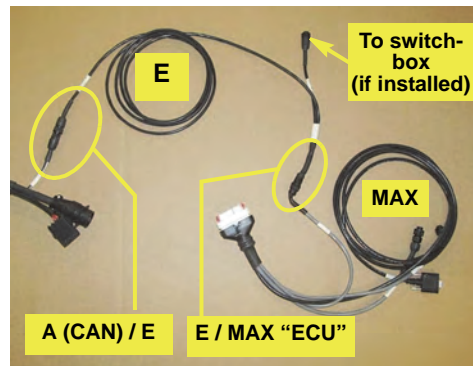


Figure 1c: Splitter cable connections

- d. Connect power switch cable **D** to the 4-pin connector on interface cable **A** (Figure 1d).

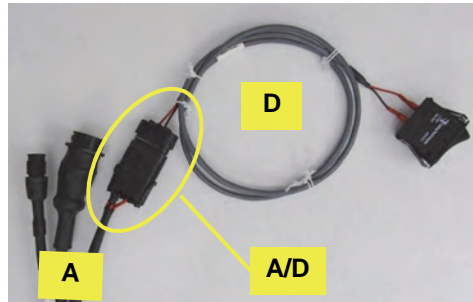


Figure 1d: Connecting the power switch cable

2. **Installing the AC110.**

- a. Inside the cabling compartment on the right side of the machine locate the boom switch cable connectors near the bottom rear corner (follow the cabling down from the boom switches - Figures 2a-i and 2a-ii).

NOTE: Route cable A into/out of the cab through the hole in the top front corner of the cabling compartment (Figure 2a-i).

Separate the boom switch connectors and connect the two branch cables of interface cable A to their corresponding separated connectors (Figure 2a-iii).

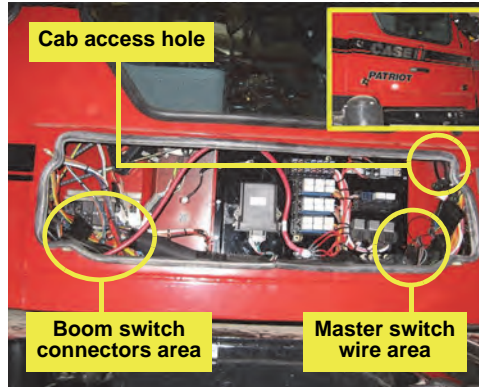


Figure 2a-i: Cabling compartment

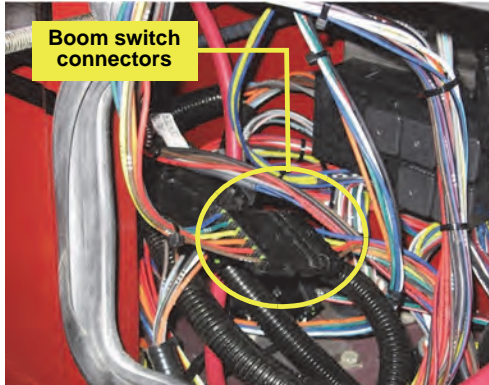


Figure 2a-ii: Boom switch connectors

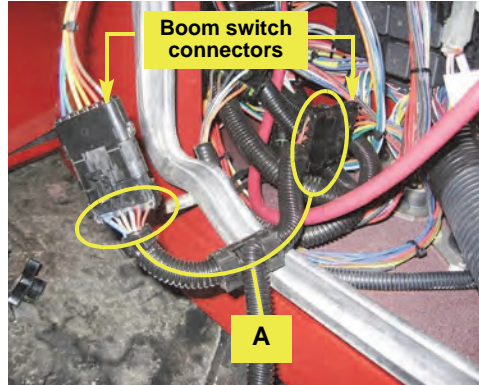


Figure 2a-iii: Interface cable installed

NOTE: The interface cable shown in Figure 2a-iii is conduit protected. Your interface cable has braided sheath protection.

- b. Locate the machine's master switch wire (grey/white) near the bottom front corner of the cabling compartment (Figures 2a-i and 2b). Connect cable A's single, light blue wire to it (not shown).

NOTE: For the AC110 to control the boom sections, the joystick master switch must be ON and all the individual boom switches must be OFF.

- c. If your AC110 connections are not yet complete, refer to **1. Standard AC110 connections** on page 3.
- d. Connect the fused end of power cable C to the machine's battery.
- e. Secure all cabling with tie straps G.

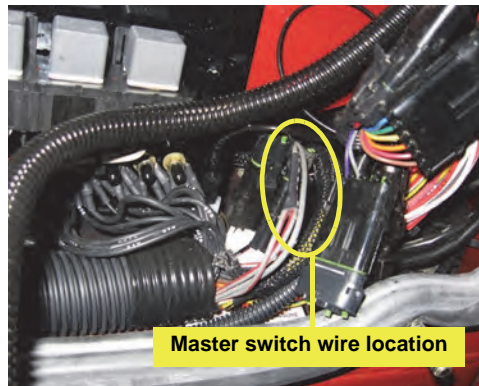


Figure 2b: Master switch wire location

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Appendix - AC110 Cables and Connections

