

AutoMate Equipment Specific Installation Kit

P/N: 750-3005


Fits Raven 4400/4600 Rate Controllers

Overview

A series of equipment-specific kits have been developed to allow the interface of the AutoMate system with your product rate controller. This kit contains the necessary components and instructions to connect AutoMate with the rate controllers listed above. Please read this manual thoroughly before beginning the installation.

Kit Contents:

Unpack the installation kit and identify the required parts as shown.

REF	ITEM	QTY	COMMENTS	PHOTOGRAPH
A	Interface Cable	1	Raven 4400/4600	
B	Tie Straps	3	Black, 13 inch	Not Shown
C	Installation Instructions	1		Not Shown

Installation:

Install the AutoMate interface to the rate controller with the following steps.

1. Disconnect the control cable from the back of your rate controller.



Fig. 1: Rate Controller

2. Connect the Interface Cable (A) to your rate controller.
3. Connect the Interface Cable (A) to your sprayer rate controller cable.

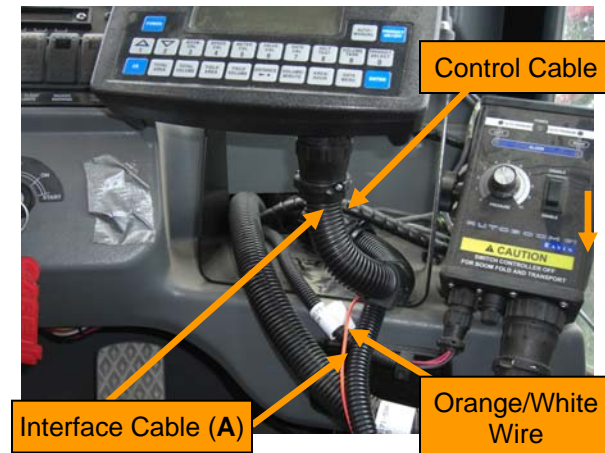


Fig. 2: AutoMate Connected

4. Connect the Power and Control connectors of the Interface Cable (A) to the AutoMate console.
5. If you have a rate controller that does not have a master switch, you will need to connect the orange/white wire of the interface cable (A) to the master switch on the sprayer.



Fig. 3: AutoMate console

6. In order for AutoMate to have control of the boom sections the rate controller Master Switch must be in the ON position and all individual boom switches must be OFF.

Important: If the conditions of step 6 are met, AutoMate will begin to spray if 1) AutoMate recognizes that it is in an un-applied area and 2) AutoMate recognizes a positive ground speed.



Fig. 4: Rate controllers 4400 and 4600

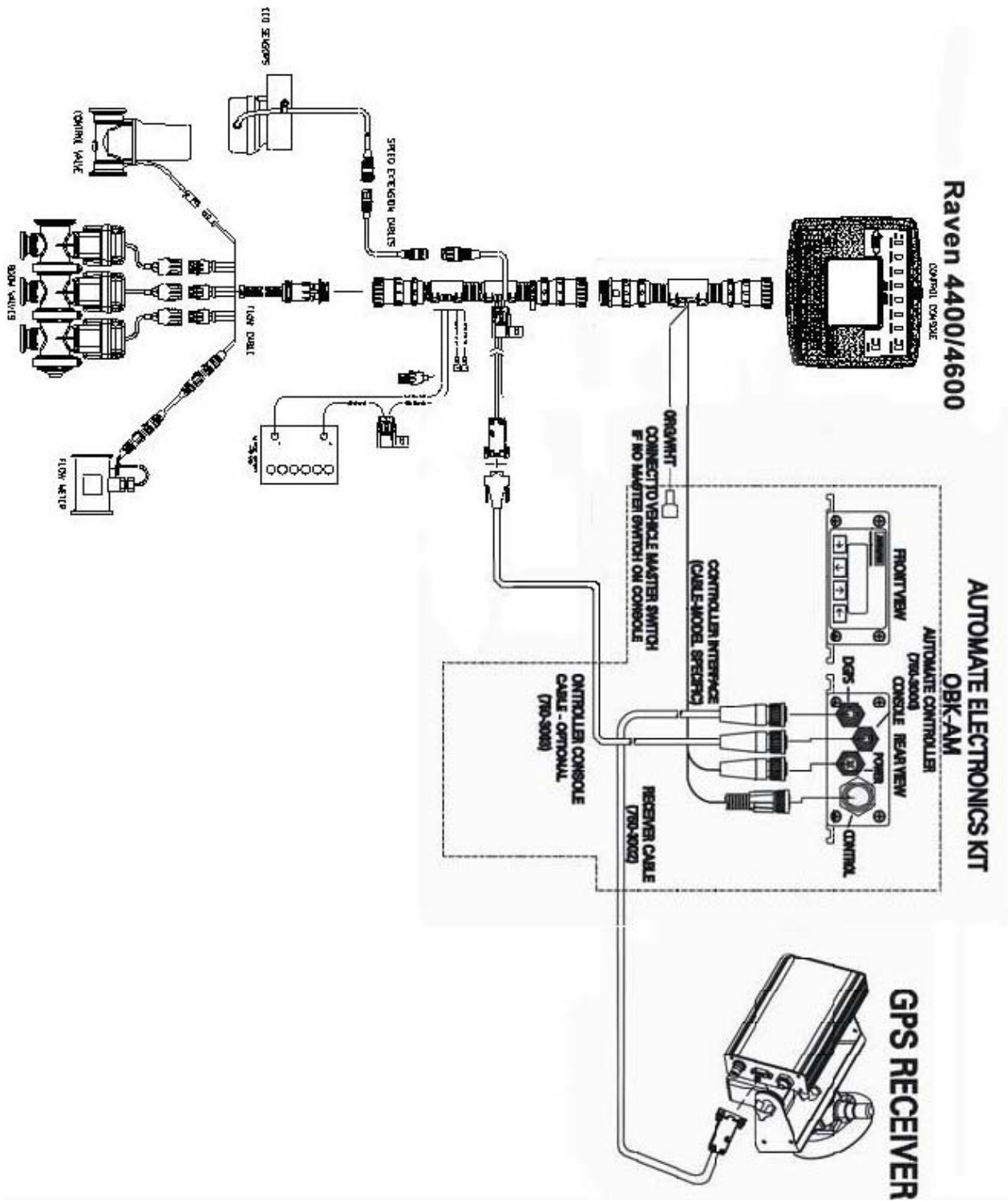


Fig. 5: Schematic AutoMate Specific Installation Kit,
Raven 4400/4600 Rate Controller