
Case Patriot SPX AutoSPRAY cable (Part No. 1-2830) Installation Manual

Part Number: 1-1285

Revision: A

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- when it has to be **right**



INTRODUCTION

The Case Patriot SPX AutoSPRAY Cable (Part No 1-2830) is designed to suit the following installations:

Compatible Spray Controllers

Case Patriot SPX 3150 Case Patriot SPX 3200 Case Patriot SPX 4260
Case Patriot SPX 3185

The cable will control up to five individual boom sections; but does not detect the status of the Master Switch in the installation.

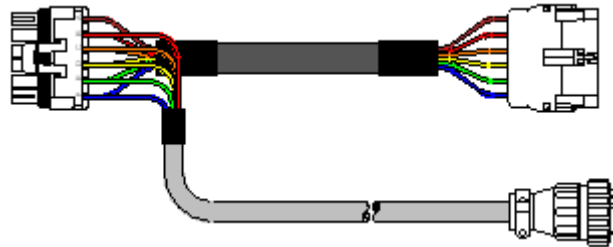


Figure 1: AutoSPRAY Interface Cable (Part No 1-2830)

INSTALLATION

A schematic of the cable installation is shown in Figure 2

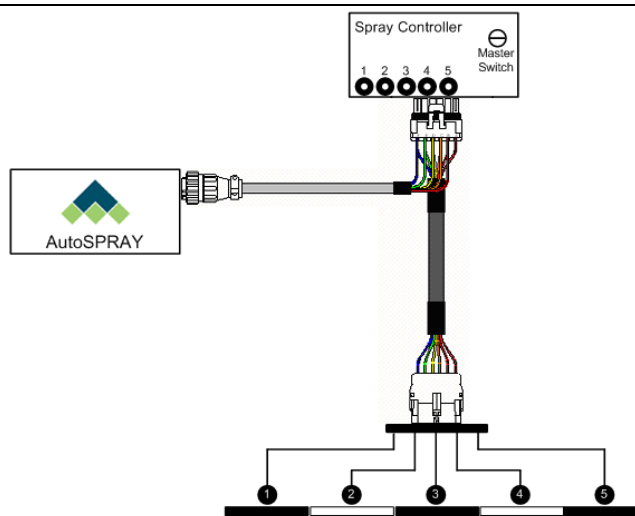


Figure 2: Schematic layout of typical AutoSPRAY installation



It is recommended that all electrical wiring should be installed by a qualified auto-electrician. Incorrect wiring may damage the AutoSPRAY controller and/ or the spray rate controller.

The installation and configuration of the RINEX AutoSPRAY controller is detailed in the appropriate User Manual.

Step	Instruction
1.	Check that the spray controller and boom section switches are functioning correctly before commencing the installation.
2.	Locate the control panel inside the cab with the rocker section switches as shown below in Figure 3.

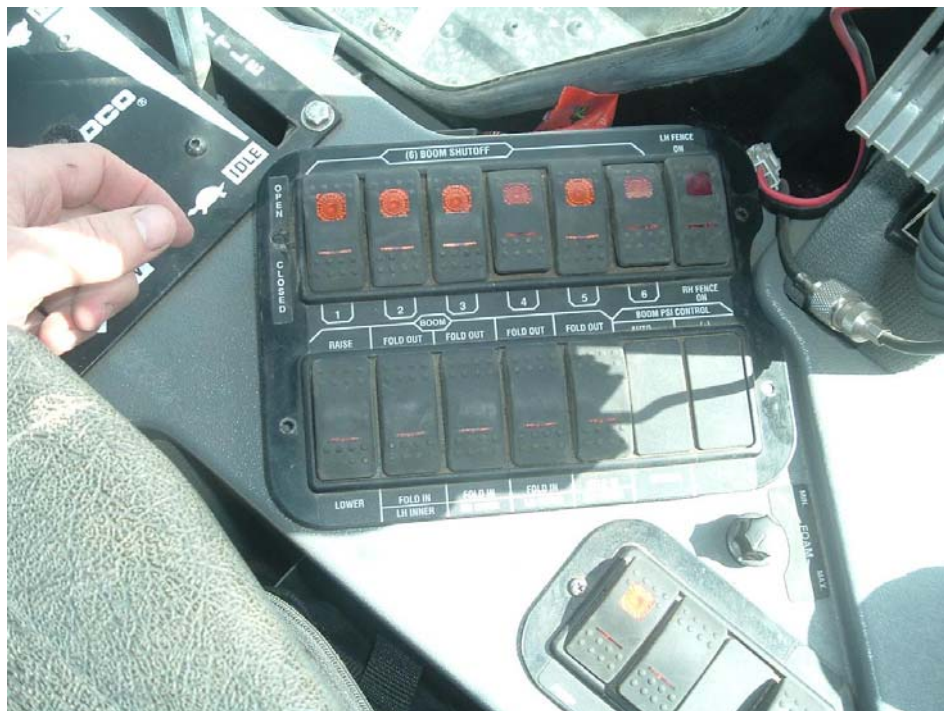


Figure 3 Case Patriot SPX section switch panel

Step	Instruction
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- Remove the screws holding the panel with the switches and lift the panel to find the 6 pin connector, as shown below in Figure 4, with the section switches.



Figure 4 Case Patriot SPX section connectors

- Disconnect this 6 pin connector and 'Tee' in the Rinex 1-2830 cable between the 2 connectors. The supplied 1-2830 CASE Patriot SPX AutoSPRAY interface cable simply connects in-line between the two CASE connectors as illustrated in
- The other end of the cable with the round connector can be run through the electrical panel and into to cab in the front corner of the cab near the RINEX AutoSPRAY cable.
- Confirm that the spray controller and boom section switches function correctly **before** connecting the cable to the RINEX AutoSPRAY controller.
Check that all section switches function correctly and the controller still displays the correct flow rate.
- Connect the 16 pin circular AMP connector on the other end of the 1-2830 CASE Patriot SPX AutoSPRAY cable to the RINEX AutoSPRAY controller.
- Confirm that the spray controller and boom section switches function correctly.

Step	Instruction
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Note: If the RINEX AutoSPRAY controller is not connected directly to a 12Vdc source (vehicle power), then it is necessary to connect the AutoSPRAY cable to the vehicle power supply for correct operation of the system. Refer to APPENDIX A for connecting to vehicle power.

APPENDIX A CONNECTING POWER



Power for the AutoSPRAY Controller /cable must be a clean 12Vdc source. Connecting the AutoSPRAY controller to 24Vdc will cause damage to the controller. If connecting to a 24Vdc vehicle, 12Vdc power must be connected to the same power source the spray rate controller is using.

Step	Instruction
1.	Connect the RED wire, labelled POWER to a 12Vdc power source that is controlled with the vehicle ignition wiring (power with the vehicle is ON). Then connect the BLACK wire, labelled GROUND to a ground point on the vehicle.