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# Micro-Trak 3405 - II AutoSPRAY cable (Part No. 1-2851) Installation Manual

Part Number: 1-1278

Revision: A

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- when it has to be **right**



## INTRODUCTION

The Micro-Trak AutoSPRAY Cable (Part No 1-2851) is designed to suit the following installations:

### Compatible Spray Controllers

MT-3405 II\*

\*confirm serial number compatibility with the local Micro-Trak dealer

The cable will control up to five individual boom sections; and will also detect the status of the Master Switch in the installation.

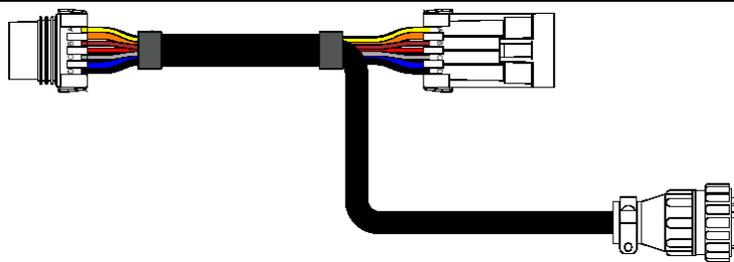


Figure 1: AutoSPRAY Interface Cable (Part No 1-2851)

## INSTALLATION

A schematic of the cable installation is shown in Figure 2.

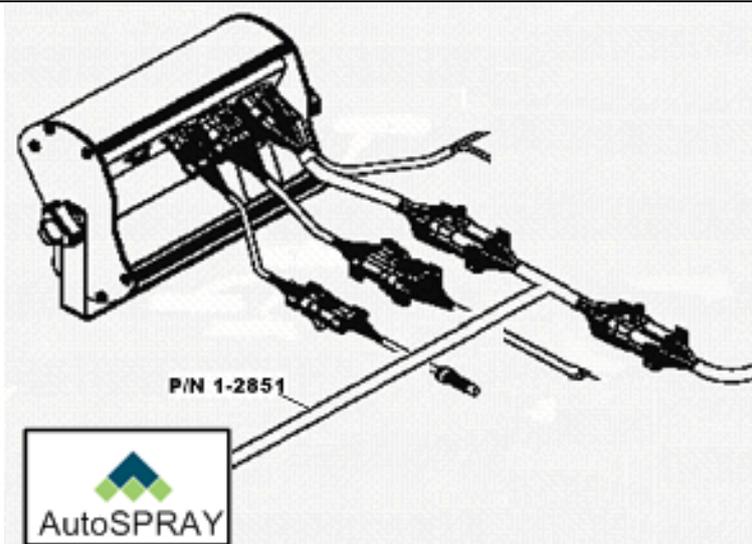


Figure 2: Schematic layout Of typical AutoSPRAY installation



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.



Check that the Micro-Trak spray controller is compatible with AutoSPRAY by measuring the resistance from any boom wire to ground with the boom switch OFF. The resistance should measure 500  $\Omega$  (ohms) or greater.

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.	Looking at the back of the Micro-Trak 3405 II spray controller, locate the wiring harness on the right-hand side.
3.	Locate the plug which connects the Power/Boom cable (# 14318) to the Boom harness (# 14319) and disconnect it.
4.	Connect the supplied 1-2851 Micro-Trak 3405 II AutoSPRAY cable in between the connectors which were disconnected in Step 3.
5.	<p>Confirm that the spray controller and boom section switches function correctly <b>before</b> connecting the cable to the RINEX AutoSPRAY controller.</p> <p>Check that all section switches function correctly and the controller still displays the correct flow rate.</p>
6.	Connect the 16 pin circular AMP connector on the other end of the 1-2851 Micro-Trak 3405 II AutoSPRAY cable to the RINEX AutoSPRAY controller.
7.	Confirm that the spray controller and boom section switches function correctly.

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.