

Miller Nitro AutoSPRAY cable (Part No. 1-2844) Installation Manual

Part Number: 1-1281

Revision: C

Issue Date: October 2008



- when it has to be **right**



INTRODUCTION

The Miller Nitro AutoSPRAY Cable (Part No 1-2844) is designed to suit the following installations:

Compatible Spray Controllers		
Miller Nitro 2200	Miller Nitro 3200	Miller Nitro N2XP
Miller Nitro 2275	Miller Nitro 3275	

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

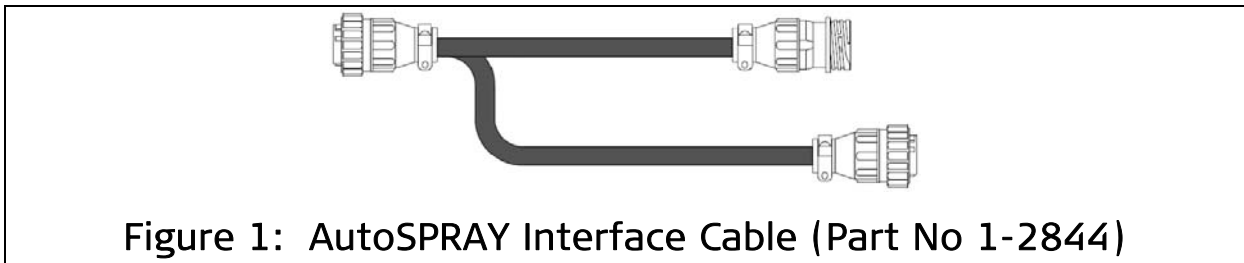


Figure 1: AutoSPRAY Interface Cable (Part No 1-2844)

INSTALLATION

A schematic of the cable installation is shown in Figure 2

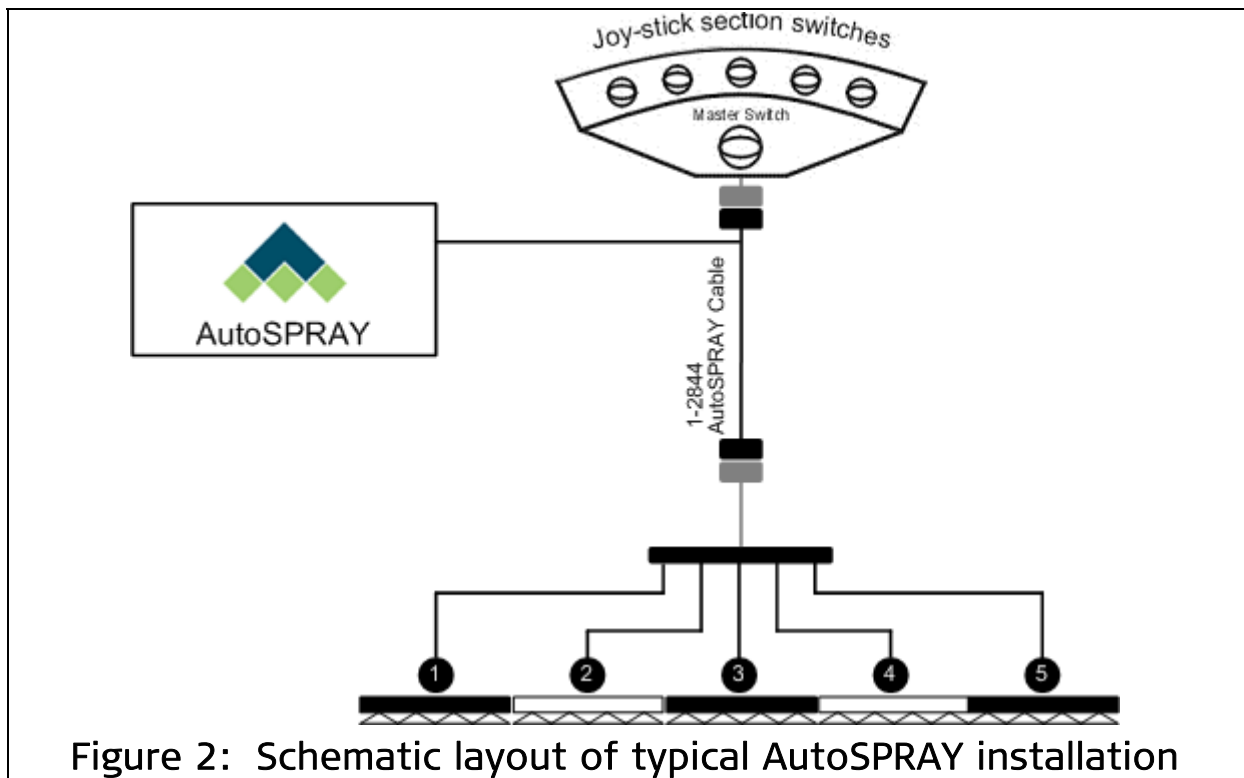


Figure 2: Schematic layout of typical AutoSPRAY installation



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 wiring panel inside the cabin (at the rear right hand side of the drivers seat) with the spray control wiring harness.
3.	The supplied 1-2844 Nitro AutoSPRAY interface cable simply connects in-line with the harness as shown in Figure 2.
4.	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.
5.	Connect the 16 pin circular AMP connector on the other end of the 1-2844 Nitro AutoSPRAY cable to the RINEX AutoSPRAY controller.
6.	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.