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# SAT Predator

## AutoSPRAY cable

(Part No. 1-2846)

# Installation Manual

Part Number: 1-1280

Revision: B

Issue Date: October 2008



- when it has to be **right**

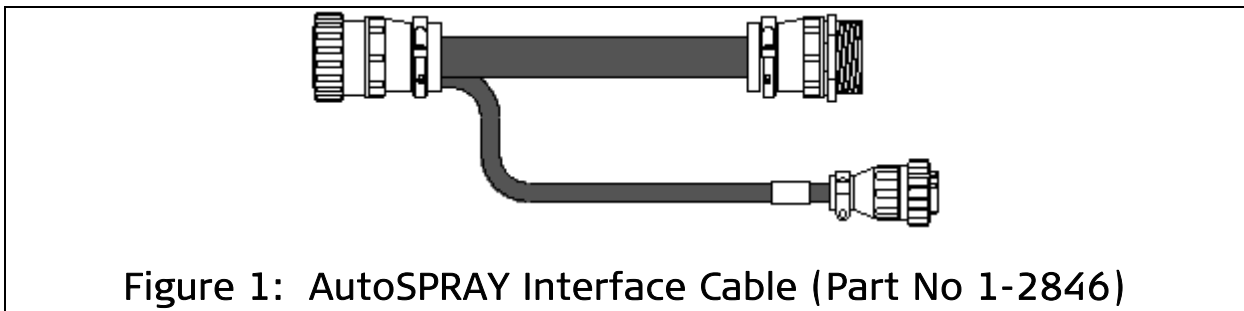


## INTRODUCTION

The SAT Predator AutoSPRAY Cable (Part No 1-2846) is designed to suit the following installations:

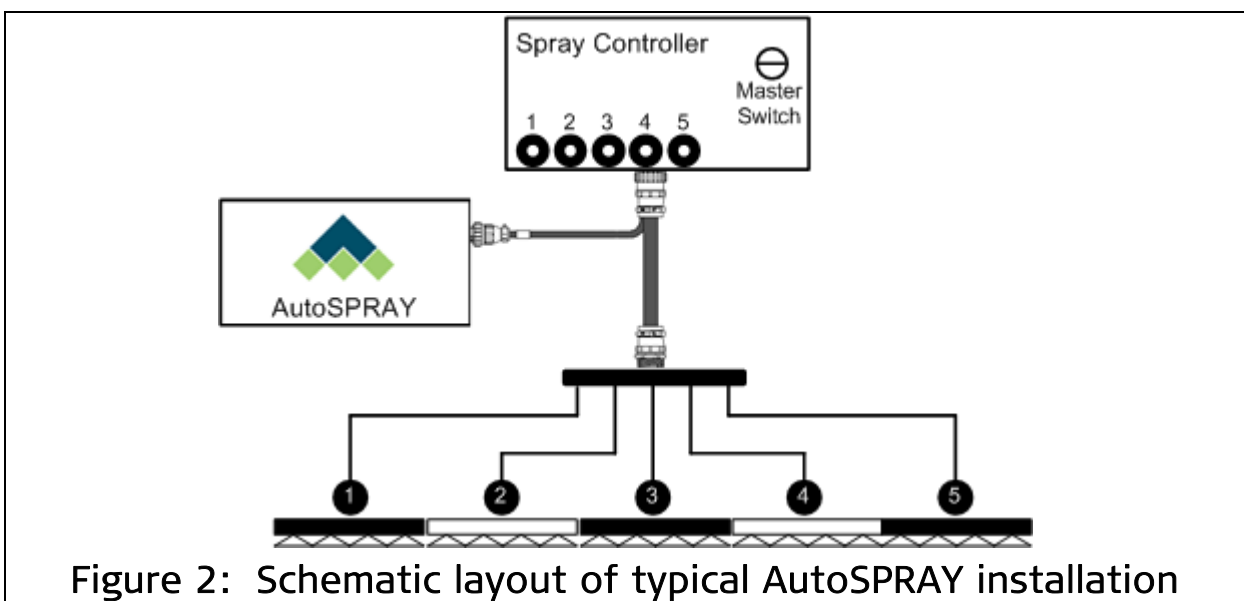
Compatible Vehicles	
SAT Predator SP 2010	GVM The Prowler

The 1-2846 SAT Predator AutoSPRAY cable controls up to five individual boom sections on the spray rate controller and also manages the master switch.



## INSTALLATION

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





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 with the spray control wiring harness.
3.	The supplied 1-2846 SAT Predator AutoSPRAY interface cable simply connects in-line with this cable. Connect the 37 pin circular AMP connector from the 1-2846 SAT Predator AutoSPRAY interface cable between the mating connectors on the SAT Predator spray controller and wiring harness.
4.	Confirm that the spray controller and boom section switches function correctly <b>before</b> 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 remaining 16 pin circular AMP connector on the other end of the 1-2846 SAT Predator AutoSPRAY interface cable to the RINEX AutoSPRAY controller. All AMP connectors have keys so that they will only fit one way and are twisted clockwise to lock the connector in position.
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 **Error! Reference source not found.** for connecting to vehicle power.

## APPENDIX A      CONNECTING POWER

Power for the AutoSPRAY Controller must be a clean 12V DC source.



Connecting the AutoSPRAY controller to 24V DC will cause damage to the controller. If connecting to a 24V DC vehicle 12V DC power must be connected to the same power source the spray rate controller is using.

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