

# **MSD<sup>®</sup> IGNITION** **INSTALLATION INSTRUCTIONS**

## **MSD Offroad Rev Control, PN 8769**

**Note:** This Rev Control **must** be used with the MSD 6-Offroad Ignition.

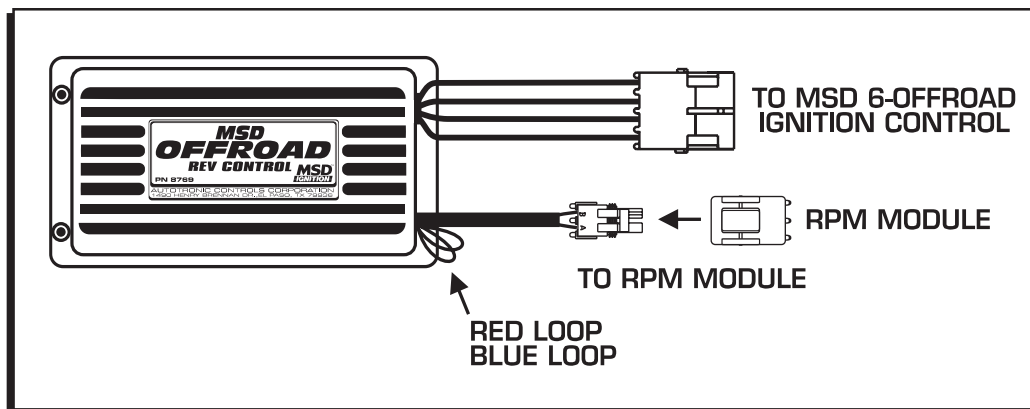
### **Parts Included:**

- 1 - Offroad Rev Control
- 4 - Mounting Screws
- 3 - RPM Modules, 4,000, 6,000, 8,000 rpm

## **PROGRAMMING FOR 4, 6 OR 8-CYLINDER ENGINES**

The Rev Control will operate with 4, 6 or 8-cylinder engines. It is programmed at the factory for 8-cylinder engines, but can be easily modified. To program the Control, locate and modify the Blue and Red wire Loops that exit the case (Figure 1).

- 8-Cylinders Do Not Cut Any Loops
- 6-Cylinders Cut the Red Loop Only
- 4-Cylinders Cut the Red and Blue Loops



**Figure 1 Programming Loops.**

After cutting the Loop(s), seal the ends with the supplied Heat Shrink Caps. Install them over the bare wire ends and apply a small amount of heat so the connector will shrink and seal the wire ends. This will prevent the wires from shorting together and seal them from water.

## **MOUNTING**

Make sure the Harness of the Offroad Rev Control reaches the harness of the MSD 6-Offroad Ignition Control. The Control can be mounted in the engine compartment as long as it is away from direct engine heat sources.

Use the Control as a template and mark the mounting holes. Drill the holes with an 1/8" bit and install the supplied screws.

After installing and programming the Control, connect the 4-pin Weathertight connector to the MSD 6-Offroad Ignition.

## SETTING A LIMIT

Plug your desired rpm module into the 2-pin Weathertight connector. Push the Module in until the clip of the Control's Connector locks into the Module.

**Note:** If an RPM Module is not installed, the engine will run but there will **not** be a limit.

The following chart shows additional RPM Module Kits. The Kits come with five modules within a 1,000 rpm range. For example, the PN 87456 kit is supplied with a 5,000, 5,200, 5,400, 5,600 and 5,800 Modules.

RPM	Part Number	RPM	Part Number
3,000 Series	PN 87436	6,000 Series	PN 87466
4,000 Series	PN 87446	7,000 Series	PN 87476
5,000 Series	PN 87456	8,000 Series	PN 87486

### **Service**

In case of malfunction, this MSD component will be repaired free of charge according to the terms of the warranty. When returning MSD components for service, Proof of Purchase must be supplied for warranty verification. After the warranty period has expired, repair service is charged based on a minimum and maximum charge.

Send the unit prepaid with proof of purchase to the attention of: **Customer Service Department, Autotronic Controls Corporation, 12120 Esther Lama, Suite 114, El Paso, Texas 79936.**

When returning the unit for repair, leave all wires at the length in which you have them installed. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle.

The repaired unit will be returned as soon as possible after receipt, COD for any charges. (Ground shipping is covered by warranty). All units are returned regular UPS unless otherwise noted. For more information, call the MSD Customer Service Line (915) 855-7123. MSD technicians are available from 8:00 a.m. to 5:00 p.m. Monday - Friday (Mountain Time).

### **Limited Warranty**

Autotronic Controls Corporation warrants MSD Ignition products to be free from defects in material and workmanship under normal use and if properly installed for a period of one year from date of purchase. If found to be defective as mentioned above, it will be replaced or repaired if returned prepaid along with proof of date of purchase. This shall constitute the sole remedy of the purchaser and the sole liability of Autotronic Controls Corporation. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Autotronic Controls Corporation be liable for special or consequential damages.