



# INSTALLATION INSTRUCTIONS

## Marine Engine Protector PN 5468

### Parts Included:

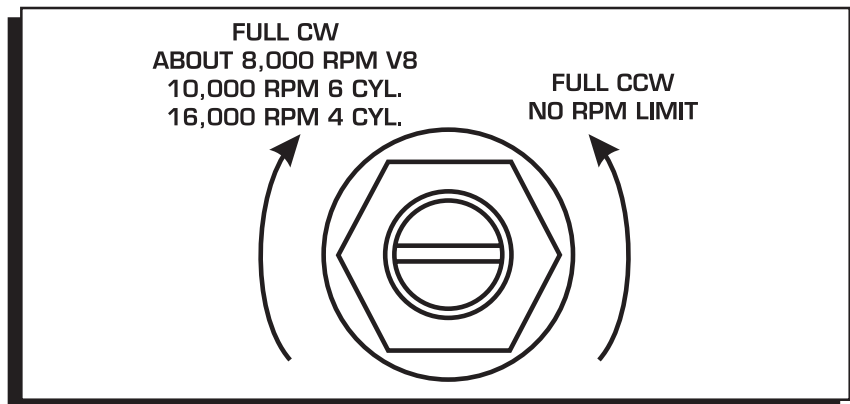
- 1 - Marine Engine Protector
- 1 - Wiring Harness
- 4 - Mounting Screws

**Note:** Marine Engine Protector can only be used with inductive ignition systems.

### OPERATION

The Marine Engine Protector has an adjustable potentiometer that controls the rpm limit (Figure 1). When turned to the full counterclockwise position there is no limit. When turned to the full clockwise position the limit will be about 8,000 rpm (on an 8-cylinder engine).

To set the rpm limit position the potentiometer near the full clockwise position. Run the engine close to the desired rpm limit and adjust the potentiometer until the engine begins to lightly misfire. This is when the rev limiting action of the Protector is coming in. Lock the potentiometer in place.



**Figure 1** Adjusting the RPM Limit.

### MOUNTING

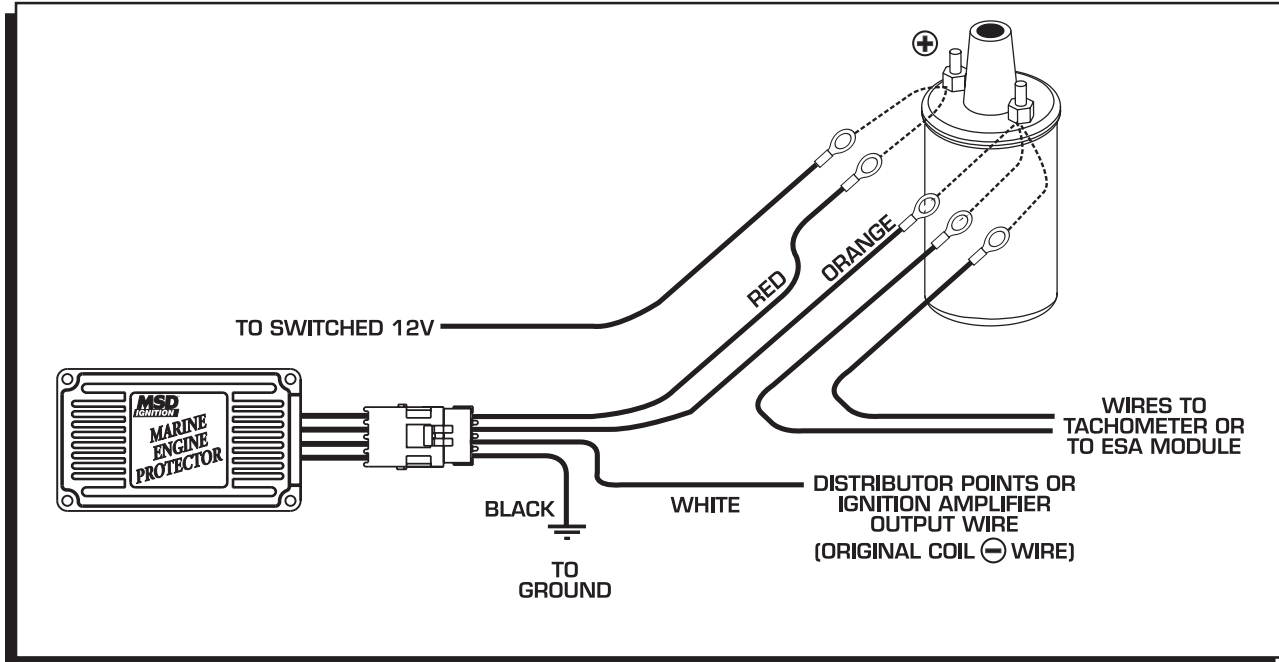
The Protector can be mounted in the engine compartment but away from direct heat sources. It can be mounted in any position. It is recommended that the rpm potentiometer be easy to access for adjustments. Once a suitable mounting location is determined mark the location of the mounting holes by using the unit as a template. Remove the unit and use an 1/8" bit to drill the holes. Use the four self tapping screws to secure the Protector.

### WIRING

Four wires come out of the Protector and into a Weathertight Connector. A matching harness is supplied to route the wires to their connections.

- Red:** To the coil positive (+) terminal.
- Black:** Connects to ground on the engine.
- Orange:** Connects to the coil negative (-) terminal.
- White:** Connects to the electronic amplifier or points trigger wire. (The trigger wire originally went to the coil negative terminal and must be removed to connect to the White MSD wire.)

**Note:** In many marine applications there are several wires that connect to the coil negative terminal such as a tachometer trigger source or Electronic Shift Assist lead. These wires must remain connected to coil negative.



**Figure 2 General Wiring Installation.**

### 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.