

MSD **IGNITION** OPERATING INSTRUCTIONS

MSD Six Shooter Module Selector PN 8158

Parts Included
4 - Mounting Screws

The MSD Six Shooter gives you the ability to retard the timing of each magneto six different times and rates. It plugs directly into the Timing Control and the retard rates are controlled by plug-in modules that are activated when **12 volts are applied** to the corresponding channel via a pressure switch or timer.

Note: Though the Six Shooter is designed for use with the MSD Pro Mag Timing Control, PN 8168, it can also be used with other MSD Timing Controls.

MOUNTING

The Six Shooter conveniently mounts beneath the Pro Mag Timing Control so it doesn't take up any valuable space (Figure 1). Use the four longer screws that are supplied.



Figure 1 Mounting the Six Shooter.

WIRING

Each stage of retard is activated when 12 volts are supplied to its corresponding colored wire. Before any stage of the Six Shooter will activate, the retard circuit of the Timing Control **must** be activated. This is accomplished when the Black and Gray wires are open. When these wires are closed, the Six Shooter will be bypassed and there will be NO retard.

The Six Shooter operates in sequence from start to finish. That is, as the modules are activated, only one is active at any given time. The higher number module overrides the lower number(s) (module 2 overrides module 1, while module 3 overrides 1 and 2, etc...). This way the 12 volts do not need to be removed in order to activate a different amount of retard.

WIRE FUNCTIONS

Module 1	Activated by the Timing Control's Gray and Black wires.
Module 2	Blue
Module 3	Pink
Module 4	Orange
Module 5	Yellow
Module 6	Green
Ground	Black
Module Wires	This connector plugs directly into the retard module receptacle of the MSD Timing Control.

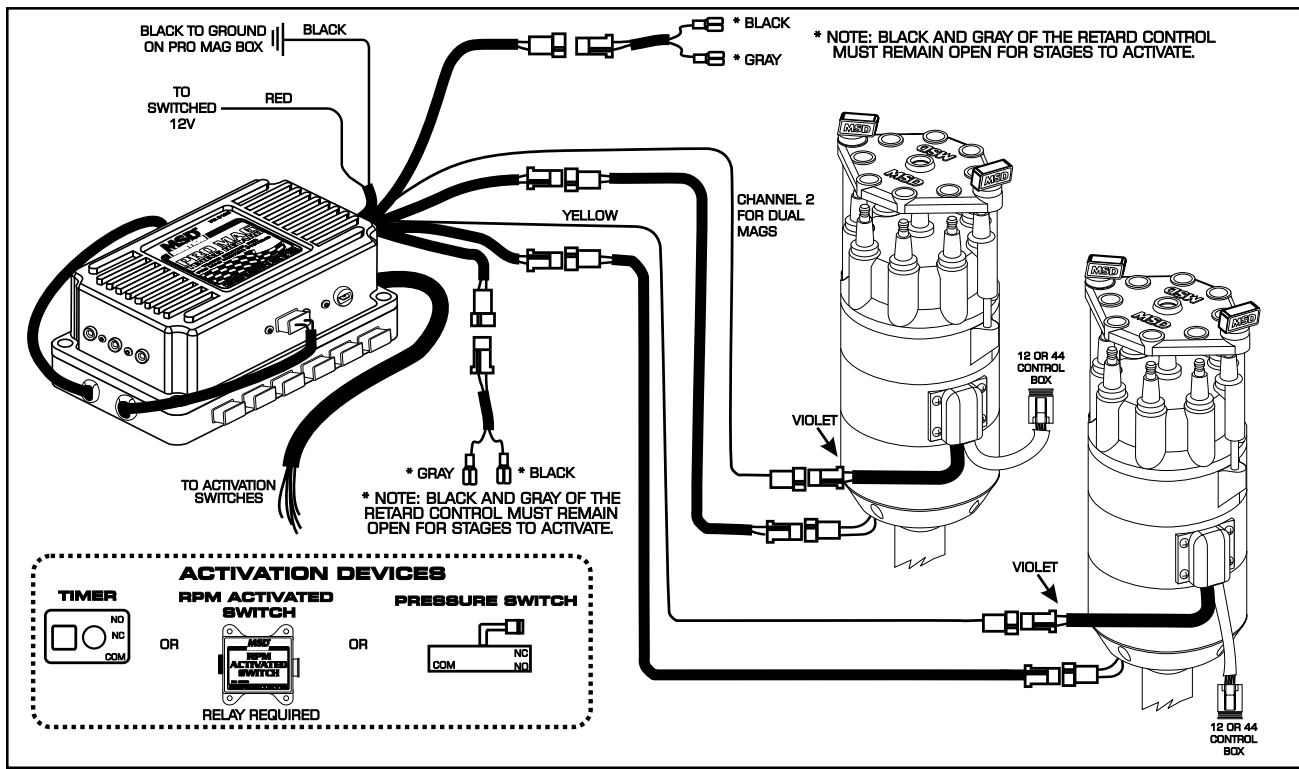


Figure 2 Wiring a Dual Mag System.

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. (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.