MSD 8 Ignition PN 7800

Parts Included:

- 1 MSD 8 Ignition, PN 7800
- 1 Capacitor Filter, PN 8830
- 4 Vibration Mounts

- 1 Coil Harness, Orange and Black
- 1 Mag Pickup Harness, Violet and Green
- 1 Ignition Switch Harness, Red

Recommended Coils:

Pro Power Coil, PN 8201 Pro Power HVC II Coil, PN 8261

WARNING: During installation, disconnect the battery. When disconnecting, always disconnect

the negative cable first and install it last.

WARNING: When using and MSD 8 there is high voltage present on the coil primary terminals. Never touch the coil or connect test equipment to these terminals.

- The MSD 8 is a race-only Ignition Control. It should be used with the supplied Capacitor on its power leads.
- The battery of the electrical system must be fully charged. The MSD 8 will use approximately 36 amps at 12,000 rpm.
- Note that there is no Points/Amplifier trigger input. If you are using a timing control or triggering the ignition from the ECU of an EFI system, use the Mag+ terminal.
- A crank trigger is the preferred method of triggering the MSD 8.
- The MSD 8 does not have a built-in rev limiter. An external Rev Limiter, PN 8978, is available separately.
- Correct grounding is important to the ignition system performance. Follow the example in Figure 1 with the Capacitor Filter.
- It is not recommended to lengthen the power leads of the ignition.
- It is recommended to disconnect the heavy power leads when welding on your car. Also disconnect the tach ground wire.
- Inspect the cap, rotor and wires as a part of routine maintenance. The output of the MSD 8 puts a lot of load on the secondary ignition components.

WIRING

Power Cables				
Heavy Red	Connects to the battery positive (+) terminal.			
Heavy Black	Connects to a shared ground with the Capacitor Filter coming from the battery negative (-) terminal.			
Small Red (IGN)	Connects to the IGN terminal and supplies a switched 12 volt source.			
Orange (C+)	Coil positive (+) wire. This is the only wire that makes contact with the coil positive terminal.			
Black (C-)	Coil negative (-) wire. This is the only wire that makes contact with the coil negative terminal.			
Violet (M+) Green (M-)	Magnetic Pickup positive wire from the crank trigger pickup. Magnetic Pickup negative wire from the crank trigger pickup. Note: If using a Timing Control, its Yellow wire connects to M+.			

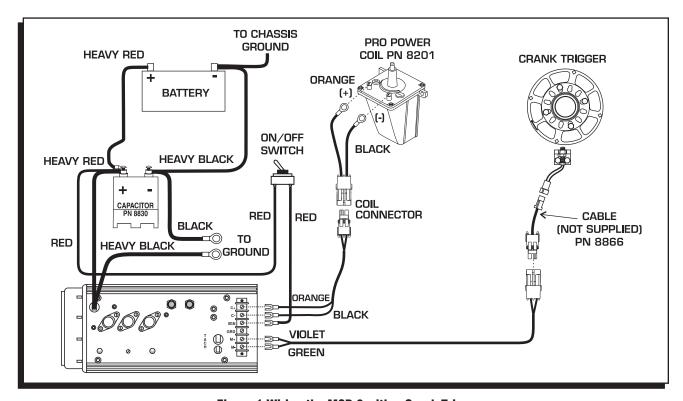


Figure 1 Wiring the MSD 8 with a Crank Trigger.

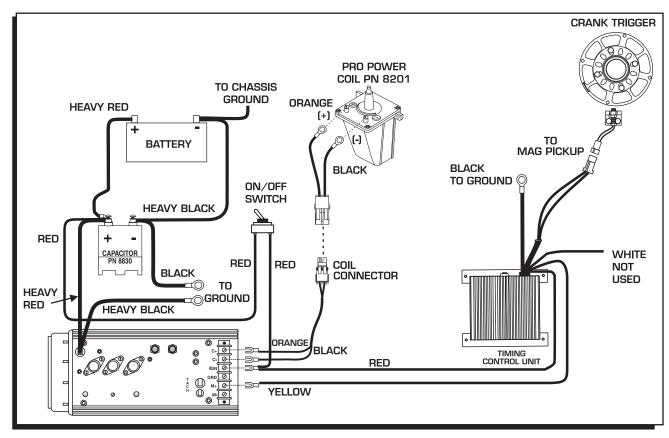


Figure 2 Wiring the MSD 8 with a Timing Control.

TECH NOTES

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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 warranty service, **Proof of Purchase** must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

All returns must have a Return Material Authorization (RMA) number issued to them before being returned. To obtain an RMA number please contact MSD Customer Service at 1 (888) MSD-7859 or visit our website at www.msdignition.com/rma to automatically obtain a number and shipping information.

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 using Ground shipping methods (ground shipping is covered by warranty). For more information, call MSD Ignition at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 6:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD IGNITION warrants this product to be free from defects in material and workmanship under its intended normal use*, when properly installed and purchased from an authorized MSD dealer, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above, it will be repaired or replaced at the option of MSD Ignition. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of MSD Ignition. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall MSD Ignition or its suppliers be liable for special or consequential damages.

*Intended normal use means that this item is being used as was originally intended and for the original application as sold by MSD Ignition. Any modifications to this item or if it is used on an application other than what MSD Ignition markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. MSD Ignition will accept no liability for custom applications.

FRM28739 Revised 06/07 Printed in U.S.A.