



INSTALLATION INSTRUCTIONS

MSD 6 HVC PROFESSIONAL RACING IGNITION PN 6600

IMPORTANT: Read instructions thoroughly before attempting installation.

The MSD 6 HVC Professional Racing Ignition is designed for long duration, high rpm racing applications. The 6-Pin Weathertight connector harness is NASCAR approved and connects to most common wiring harnesses. The circuit board of the ignition is encased in a clear compound for extra resistance to vibration.

Parts Included:

1 - Ignition Control	1 - 1-Pin Weathertight Wiring Harness
1 - 6-Pin Weathertight Wiring Harness	4 - Vibration Mounts

IMPORTANT: Due to the MSD 6 HVC's Ignition's increased output, the MSD HVC Coil, PN 8250 is the **only coil** that can be used with the PN 6600 Ignition.

MOUNTING

The Ignition can be mounted in any position and may be mounted in the engine compartment however, it should be kept clear of direct engine heat sources. Use the Ignition as a template to mark the location of the mounting holes. Using 3/16" drill bit, remove the ignition and drill the holes. Install the vibration mounts and the ignition.

WIRING

Figure 1 shows the position, color and function of each wire. Figure 2 shows a general installation.

Triggering

The MSD can be triggered by points, amplifier, or with a magnetic pickup.

Points: The single White wire of the MSD is for points triggering. It connects to the points/amplifier output wire of the distributor.

Magnetic Pickup: The Magnetic Pickup wires are in the 6-Pin connector. The Mag positive (+) wire is Violet, the Mag Negative(-) is Green. They are in the terminals marked "F" and "E".

Rev Control: The 4-Pin connector on the of the Ignition plugs directly into an MSD PN 8738 Rev Control. This allows you to set a rev limit with plug-in modules.

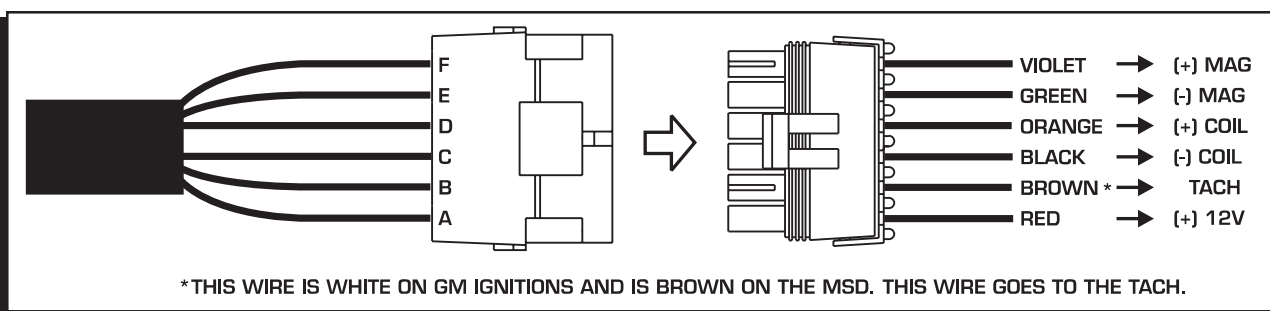


Figure 1 The Color, Function and Position of Each Wire.

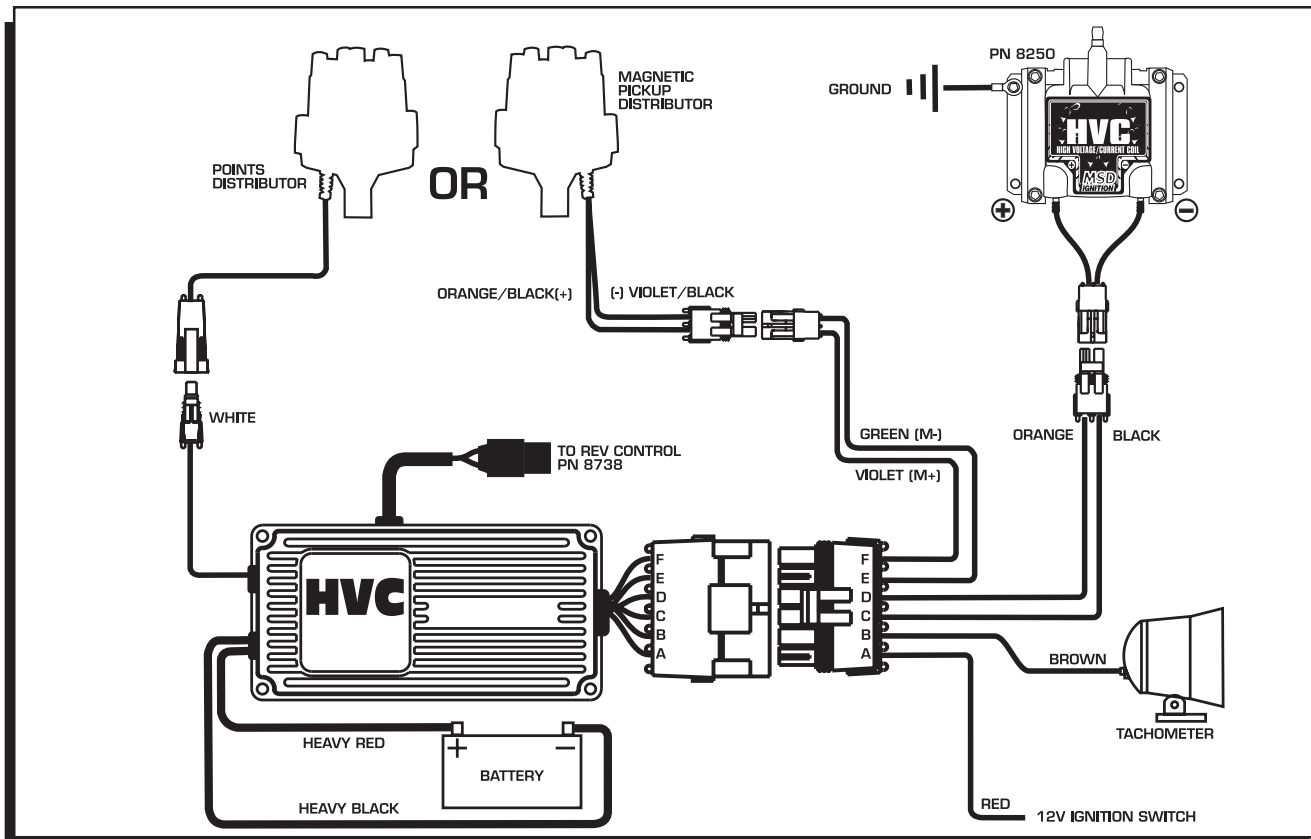


Figure 2 General Installation.

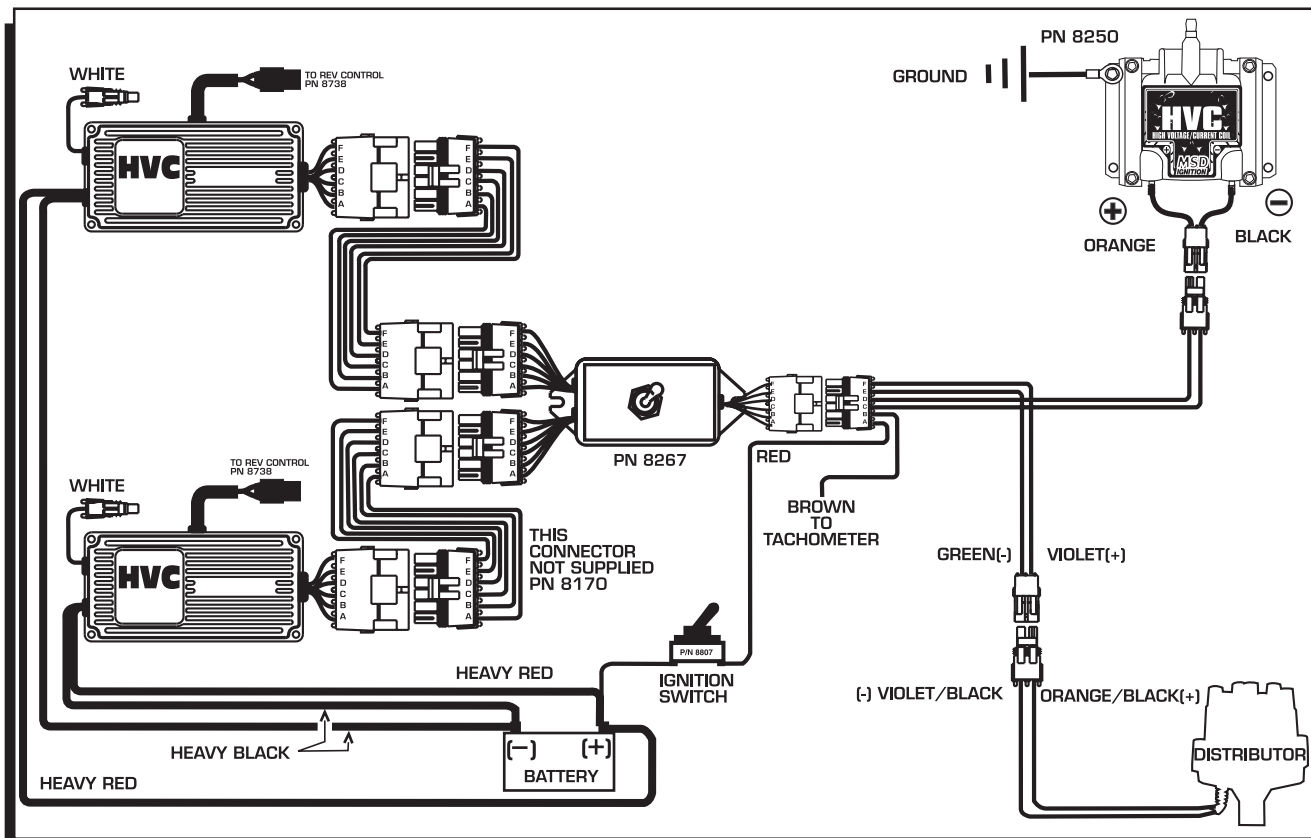


Figure 3 Dual Ignitions, Single Coil and Pickup Distributor.

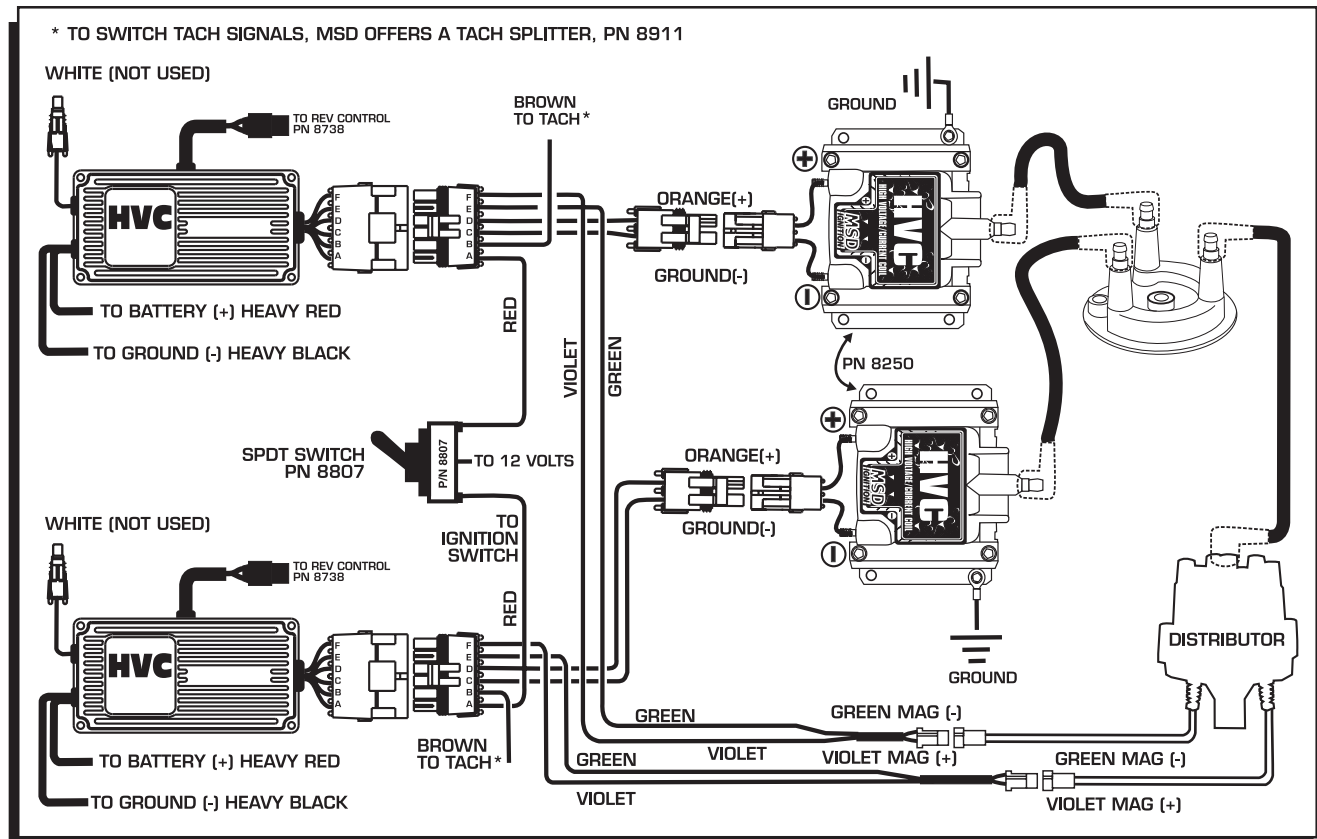


Figure 4 Dual Ignitions and Coils with a Dual Pickup Distributor.

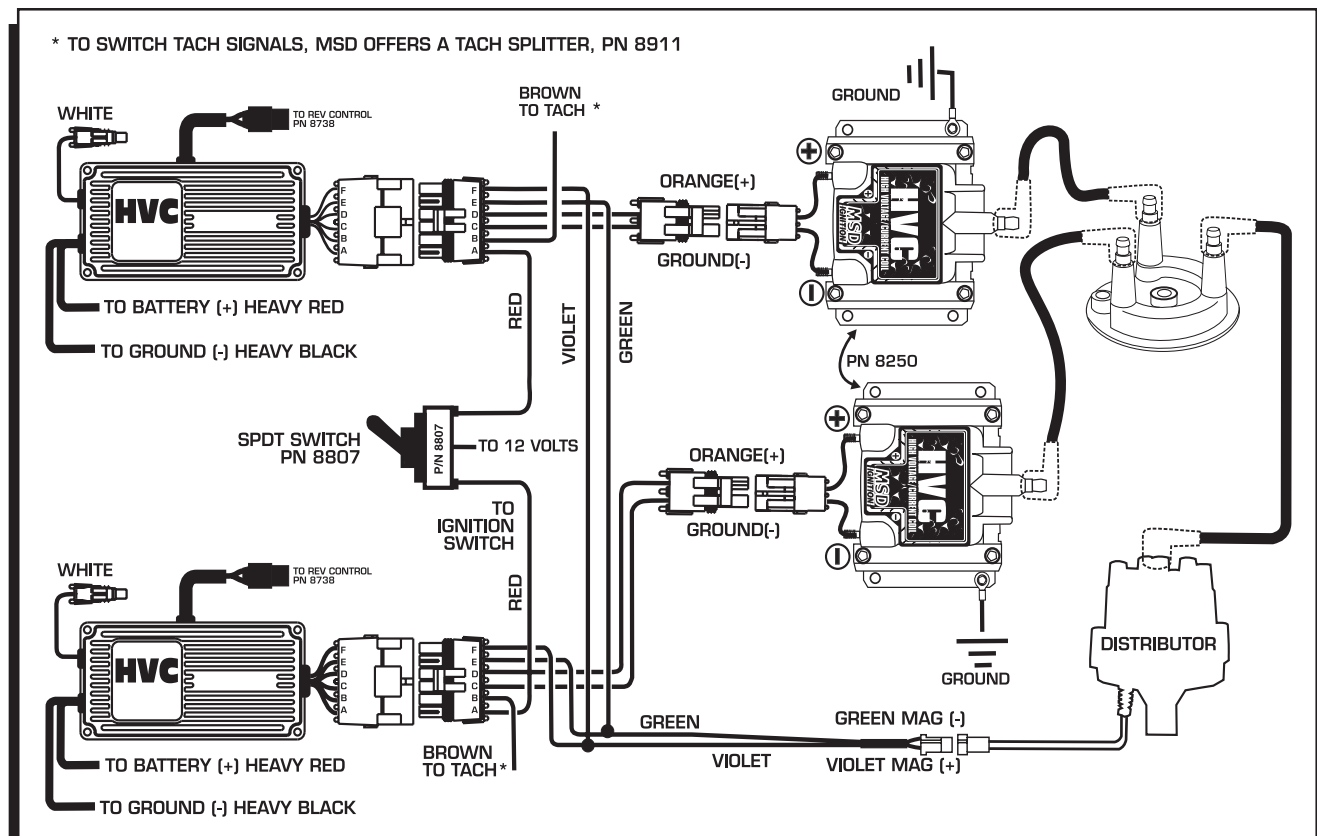


Figure 5 Dual Ignitions and Coils with a Single Pickup Distributor.

Note: The MSD Alternate Action Switch is designed to be used in conjunction with NASCAR's amendment rule regarding an auxiliary ignition On/Off button, 20-6.6. The MSD Switch can be used in either a Normally Open or Normally Closed position.

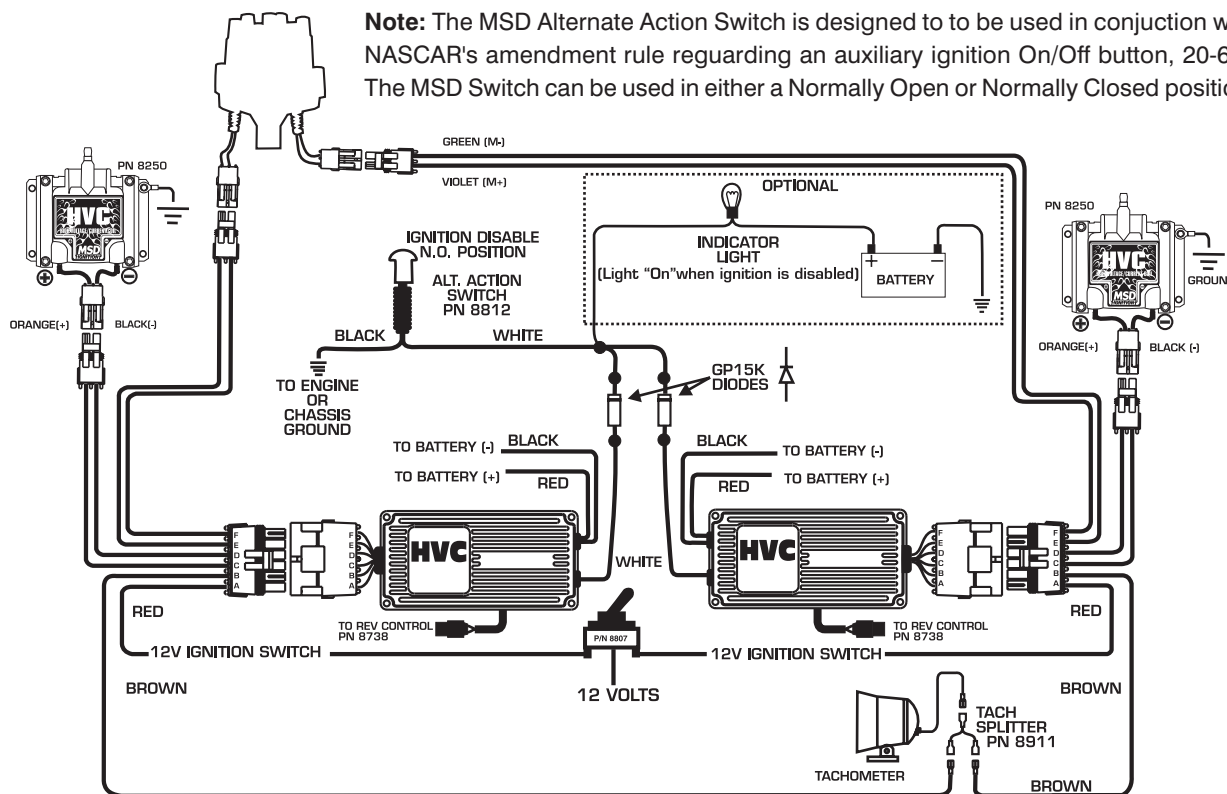


Figure 6 Complete Wiring with Tach Splitter and Alternate Action Switch.

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.