

MSD[®] IGNITION INSTALLATION INSTRUCTIONS

MSD 6 HVC PROFESSIONAL RACING IGNITION with Rev Limiter PN 6631

IMPORTANT: Read instructions thoroughly before attempting installation.

Parts Included:

1 - Ignition Control

1 - 6-Pin Deutsch Wiring Harness

1 - 2-Pin Deutsch Wiring Harness

1 - 1-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 and Blaster HVC, PN 8252 are the **only coils** that can be used with the PN 6631 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. The following Figures show common wiring schematics.

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 "3" and "4".

Ignition Disable: This 2-pin connector provides an easy installation of NASCAR's mandated auxillary ignition On/Off button, 20-6.6. When the Yellow and a Black wire are connected the ignition is turned Off.

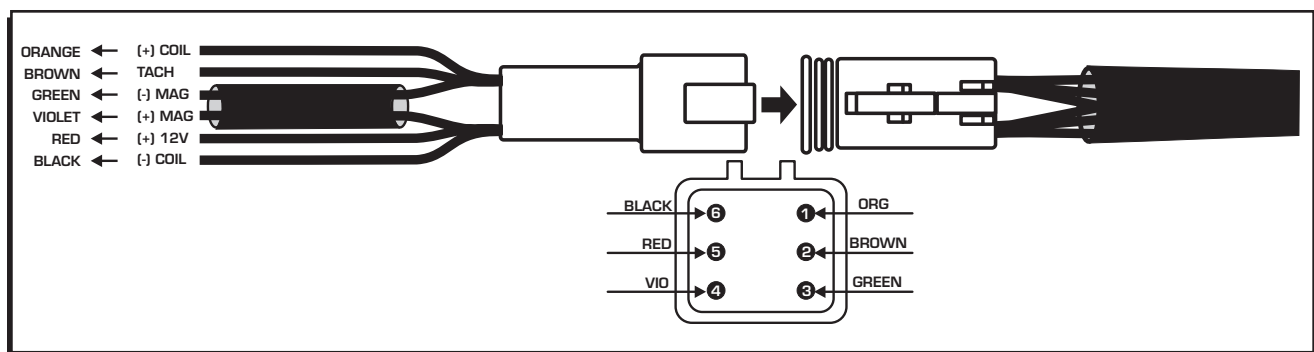


Figure 1 Wire Functions of the 6-pin Connector.

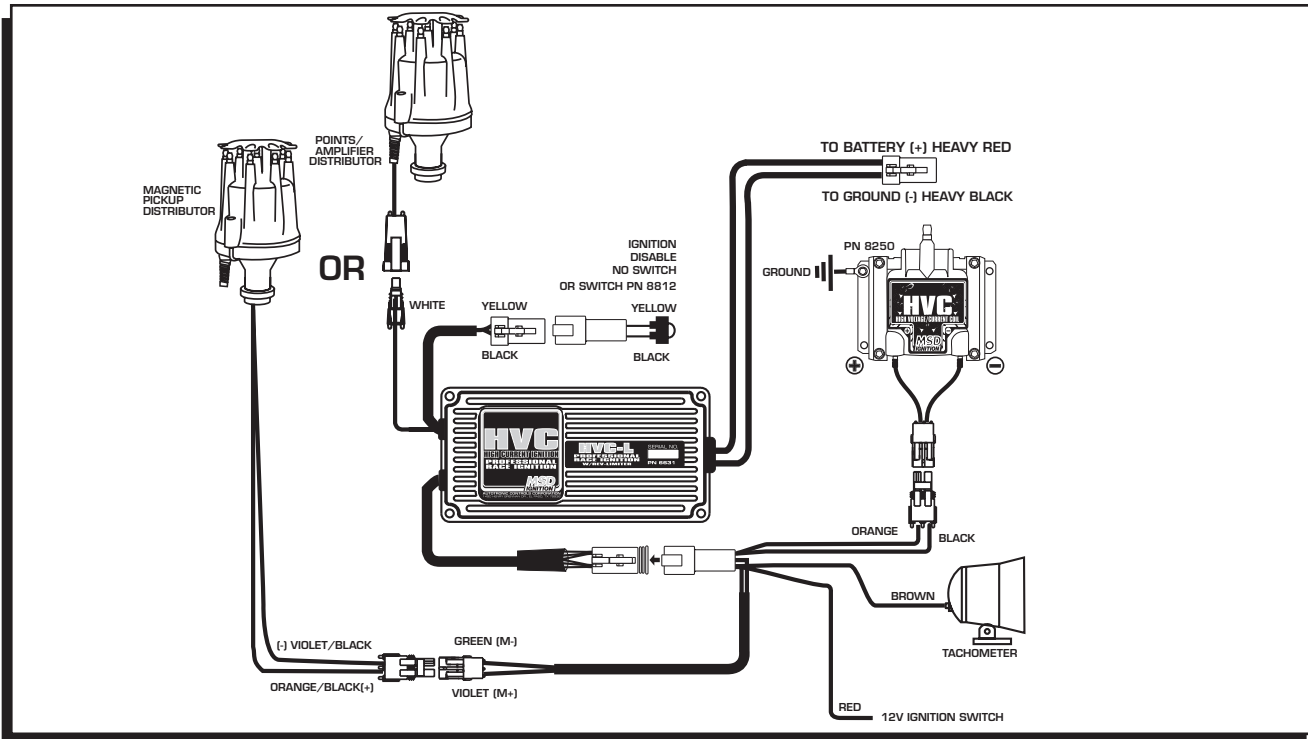


Figure 2 General Installation.

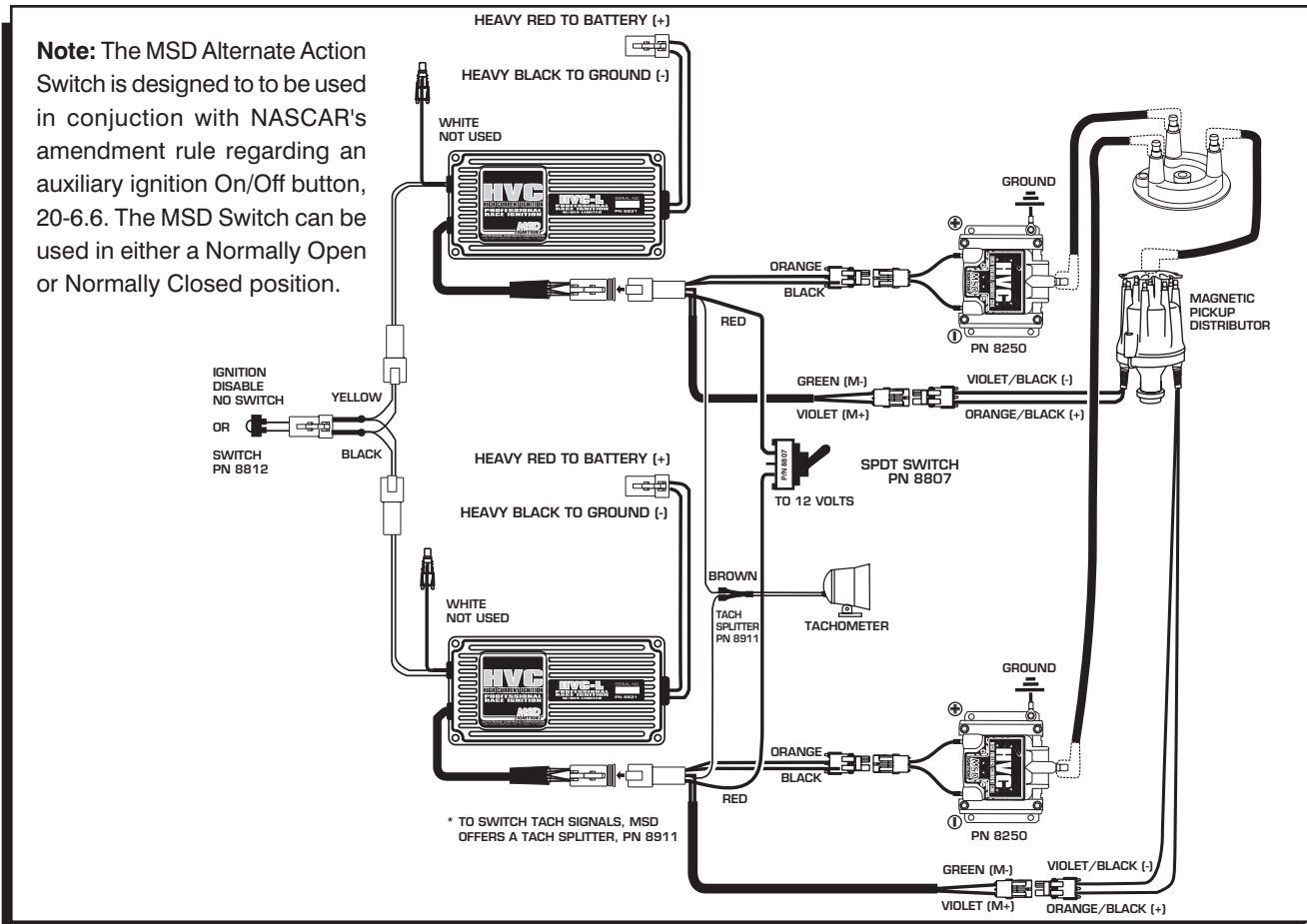


Figure 3 Dual Ignitions and Coils with a Dual Pickup Distributor.

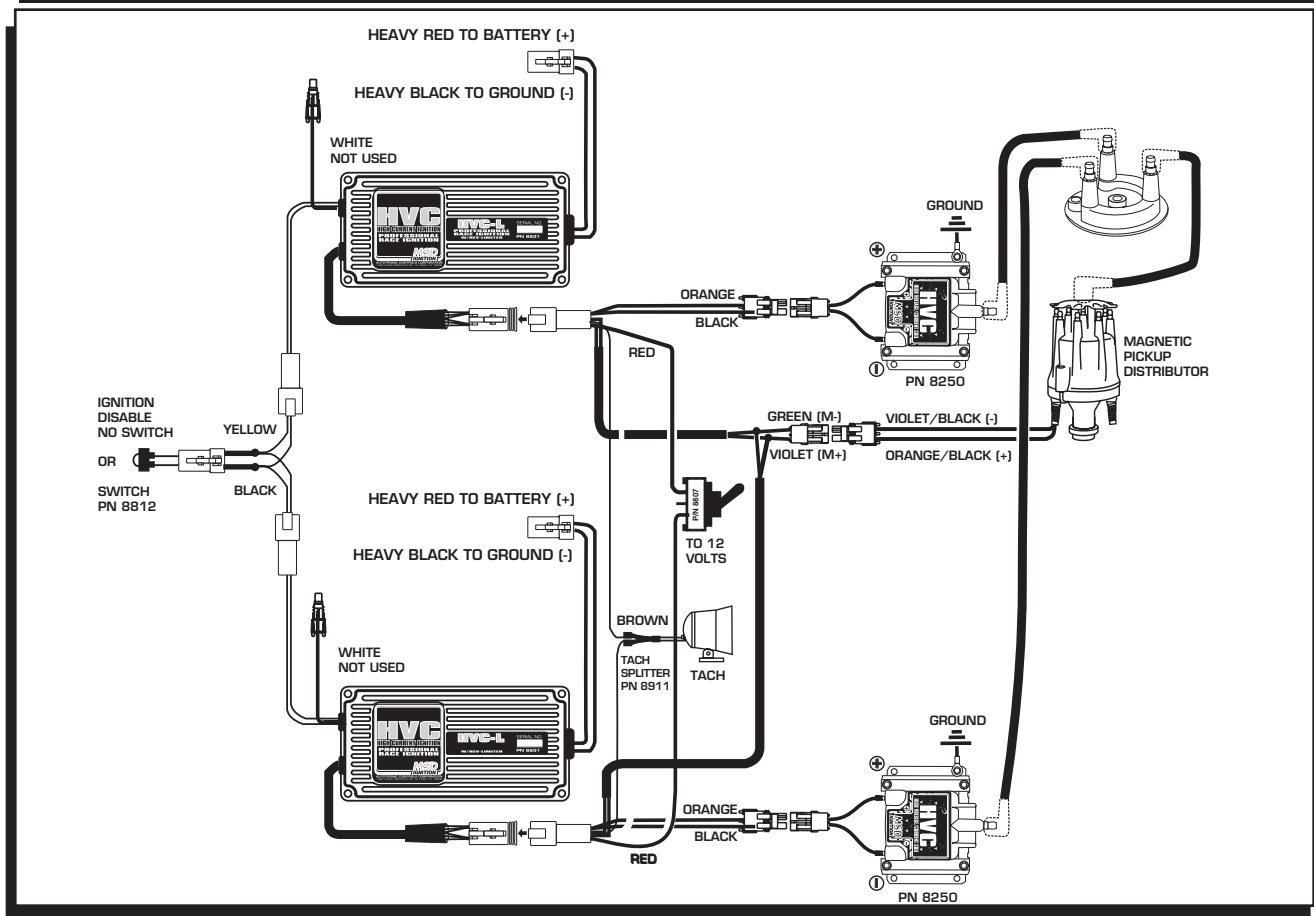


Figure 4 Dual Ignitions and Coils with a Single Pickup Distributor.

EVEN INCREMENTS

- 3,000-3,800: PN 8743
- 4,000-4,800: PN 8744
- 5,000-5,800: PN 8745
- 6,000-6,800: PN 8746
- 7,000-7,800: PN 8747
- 8,000-8,800: PN 8748
- 9,000-9,800: PN 8749
- 10,000-10,800: PN 8750
- 11,000-11,800: PN 8751
- 12,000-12,800: PN 8752

ODD INCREMENTS

- 3,100-3,900: PN 87431
- 4,100-4,900: PN 87441
- 5,100-5,900: PN 87451
- 6,100-6,900: PN 87461
- 7,100-7,900: PN 87471
- 8,100-8,900: PN 87481
- 9,100-9,900: PN 87491
- 10,100-10,900: PN 87501
- 11,100-11,900: PN 87511



INSTALLATION INSTRUCTIONS

NOTES

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.

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 (915) 855-7123 or fax a request to (915) 857-3344. Send the unit prepaid with proof of purchase to the attention of: **MSD Ignition, Customer Service - RMA #, 12120 Esther Lama, Dock 5, 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 7:00 a.m. to 6:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD IGNITION 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 MSD Ignition. 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 MSD Ignition be liable for special or consequential damages.