

# 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 - 1-Pin Weathertight Wiring Harness
1 - 6-Pin Deutsch Wiring Harness	1 - 2-Pin Deutsch Power Harness
1 - 2-Pin Deutsch Wiring Harness (Disable Switch)	1 - Parts Bag (4-Vibration Mounts, 4 RPM Modules)
1 - 2-Pin Deutsch Wiring Harness	

**IMPORTANT:** Due to the MSD 6-HVC 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 a 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.

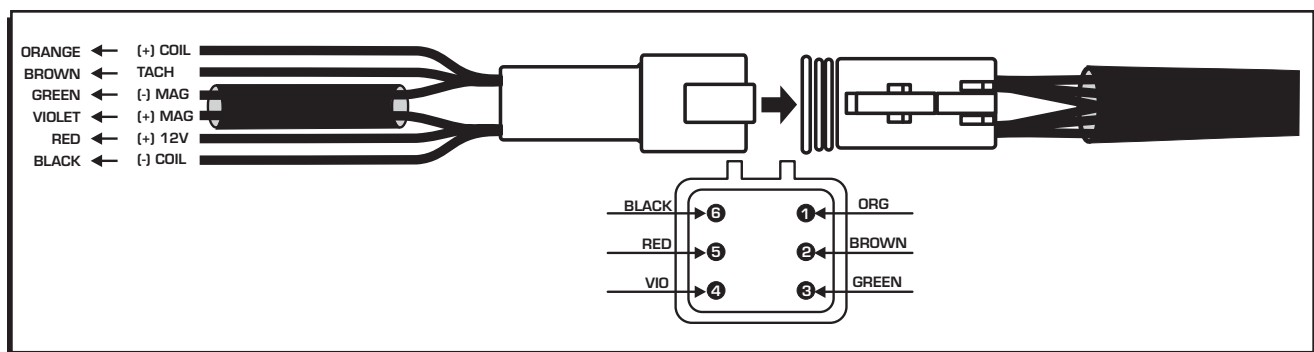


Figure 1 Wire Functions of the 6-pin Connector.

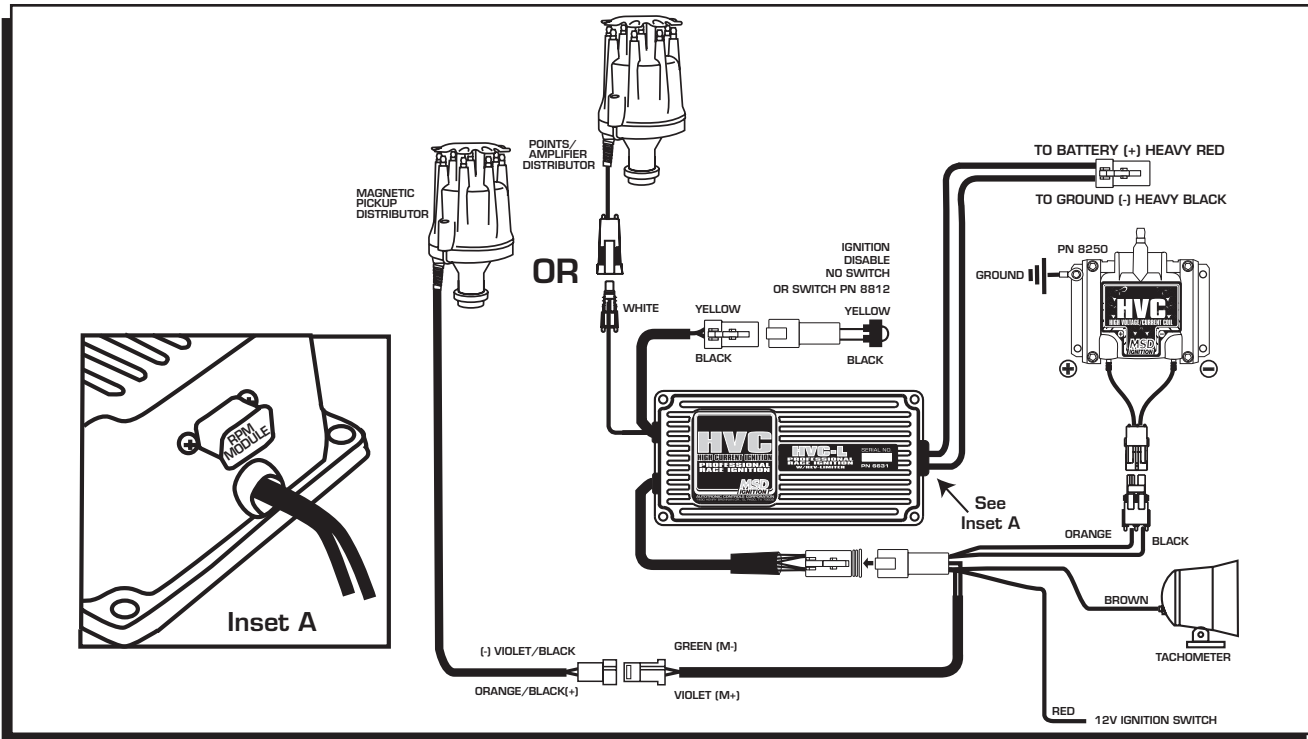


Figure 2 General Installation.

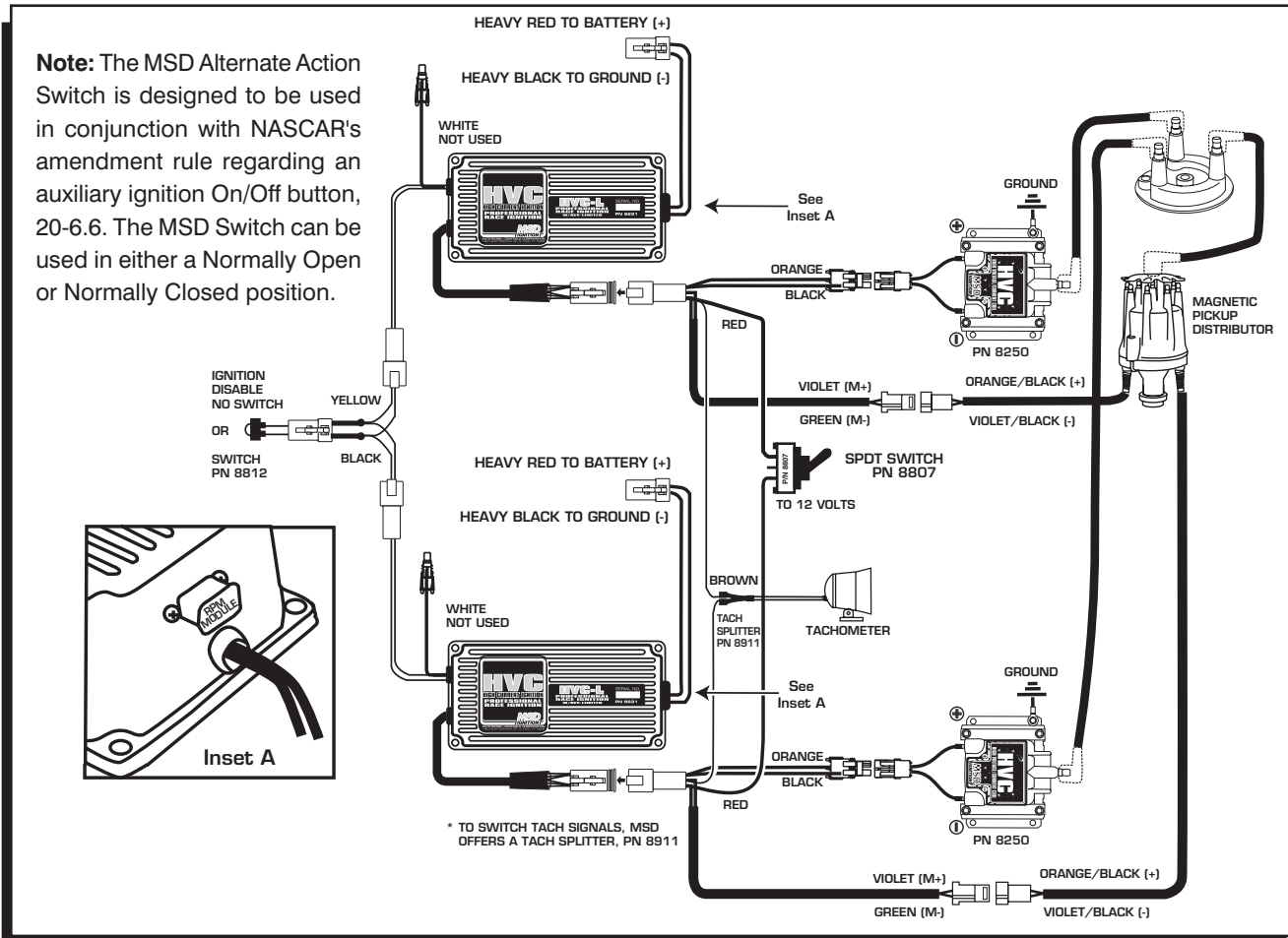


Figure 3 Dual Ignitions and Coils with a Dual Pickup Distributor.

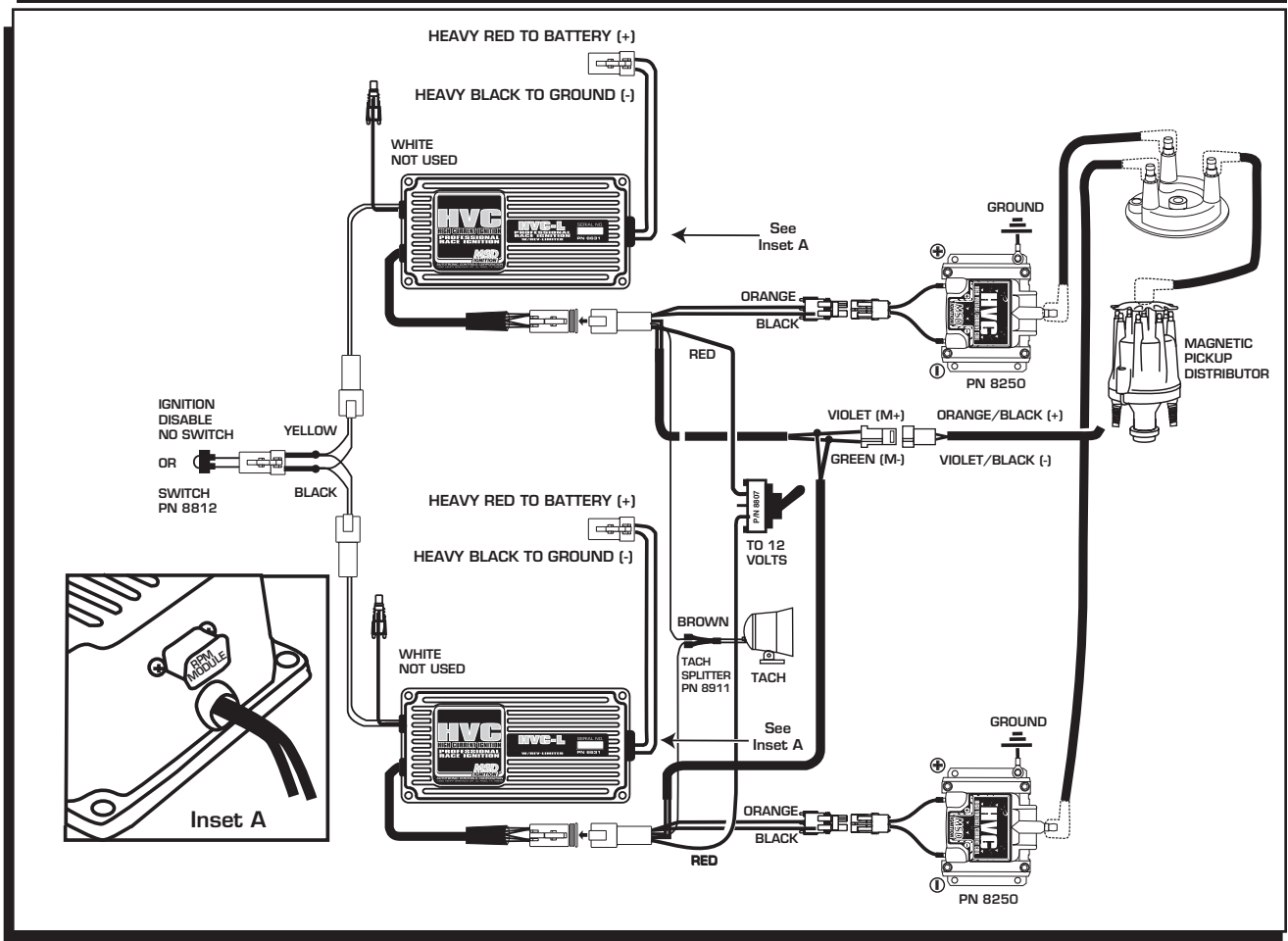


Figure 4 Dual Ignitions and Coils with a Single Pickup Distributor.

RPM Modules are available in kits of five in even and odd increments, Figure 5.

RPM MODULE KITS	
EVEN INCREMENTS	ODD INCREMENTS
3,000-3,800: PN 8743	3,100-3,900: PN 87431
4,000-4,800: PN 8744	4,100-4,900: PN 87441
5,000-5,800: PN 8745	5,100-5,900: PN 87451
6,000-6,800: PN 8746	6,100-6,900: PN 87461
7,000-7,800: PN 8747	7,100-7,900: PN 87471
8,000-8,800: PN 8748	8,100-8,900: PN 87481
9,000-9,800: PN 8749	9,100-9,900: PN 87491
10,000-10,800: PN 8750	10,100-10,900: PN 87501
11,000-11,800: PN 8751	11,100-11,900: PN 87511
12,000-12,800: PN 8752	

Figure 5 RPM Module Kits.

