



INSTALLATION INSTRUCTIONS

MSD EFI Adapter Kit Early Hemi® 2003-2005, PN 88815 Late Hemi® 2006-On, PN 88816

Parts Included:

- | | |
|--------------------------|---|
| 1 - Cam Sensor Harness | 7 - Tach Adapters w/single pigtail, Cylinders 2-8 |
| 1 - Crank Sensor Harness | 1 - Tach Adapter w/two pigtails, Cylinder 1 |
| 1 - Map Sensor Harness | |

WARNING: During installation, disconnect the battery cables. When Disconnecting, always remove the Negative cable first and install it last.

This Harness Kit allows the installation of the MSD 6-Hemi Controller, PN 6013, on Chrysler engine vehicles equipped with factory EFI systems. The harness connects inline to factory sensors and provides the 12 volt power source and OEM timing to the controller (Figure 1).

COIL CONNECTIONS

1. Disconnect the factory connectors from all eight coils.
2. Connect the Tach Adapter with the two pigtails to Coil 1 and the MSD 6-Hemi. This Adapter **must** be connected to coil 1.
3. Connect the remaining seven adapters to the seven remaining coils. The adapters with a single pigtail are interchangeable.

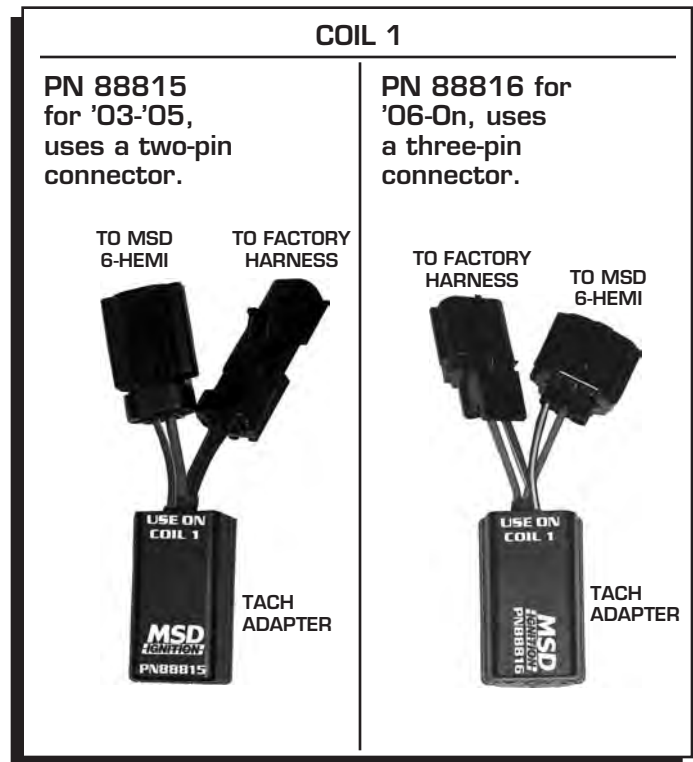


Figure 1 Coil 1 Tach Adapters.

Hemi is a registered trademark of Chrysler LLC.

CAMSHAFT SENSOR

The Camshaft Sensor is located at the front of the block on the passenger side.

1. Disconnect the factory harness and connect the female connector to the sensor.
2. Connect the male connector with the single Brown/White wire to the MSD 6-Hemi.
3. Connect the male connector with the three wires to the OEM harness (Figure 2).

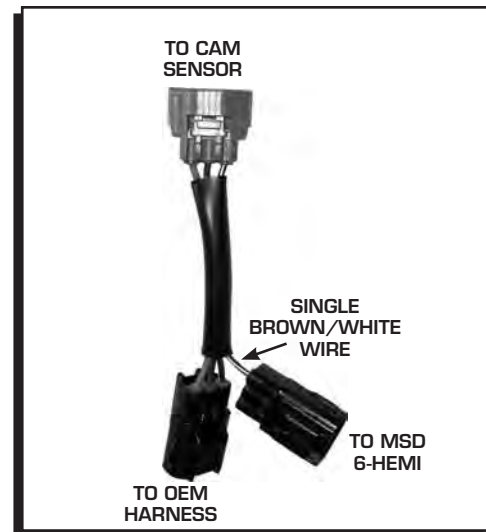


Figure 2 Camshaft Sensor Harness.

CRANKSHAFT SENSOR

The Crankshaft Sensor is located at the lower rear of the block on the passenger side.

1. Disconnect the factory harness and connect the female connector to the sensor.
2. Connect the male connector with the single Orange/Yellow to the MSD 6-Hemi.
3. Connect the connector with the three wires to the OEM harness (Figure 3).

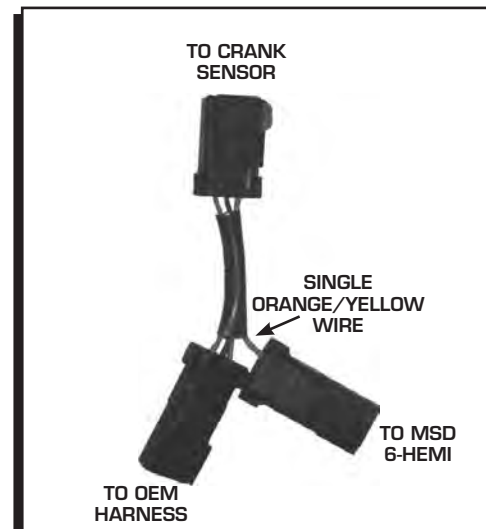


Figure 3 Crankshaft Sensor Harness.

MAP SENSOR

The Map Sensor, depending on the application, is located either at the front of the engine on the manifold or at the back.

1. Disconnect the factory harness and connect the female connector to the sensor.
2. Connect the male connector with the single Green wire to the MSD 6-Hemi.
3. Connect the male connector with the three wires to the OEM harness (Figure 4).

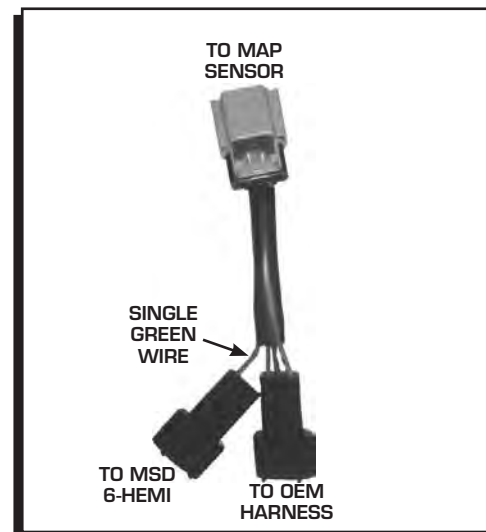


Figure 4 Map Sensor Harness.

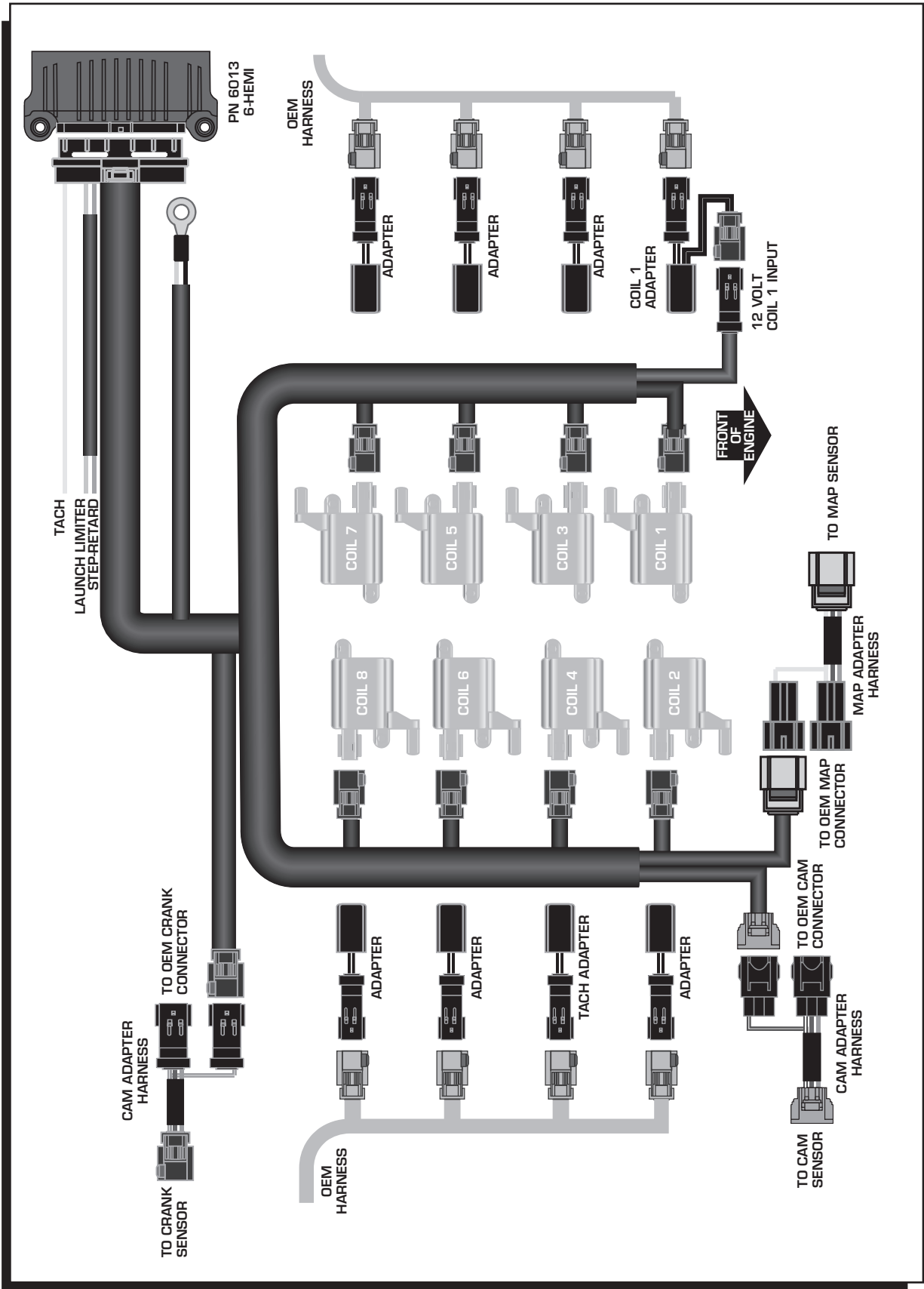


Figure 5 Typical Installation of PN 88815 or PN 88816.



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TECH 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 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.msdition.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.