



# 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.

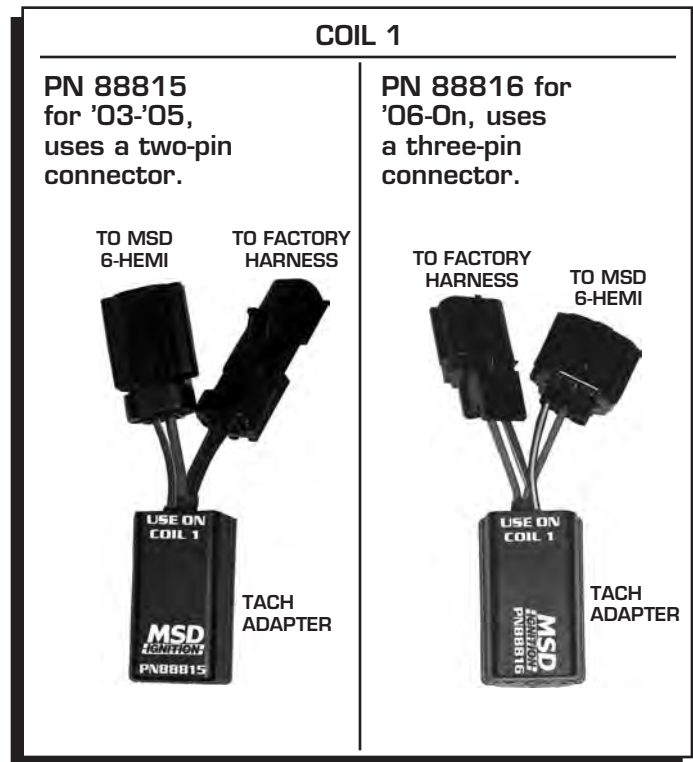


Figure 1 Coil 1 Tach Adapters.

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).

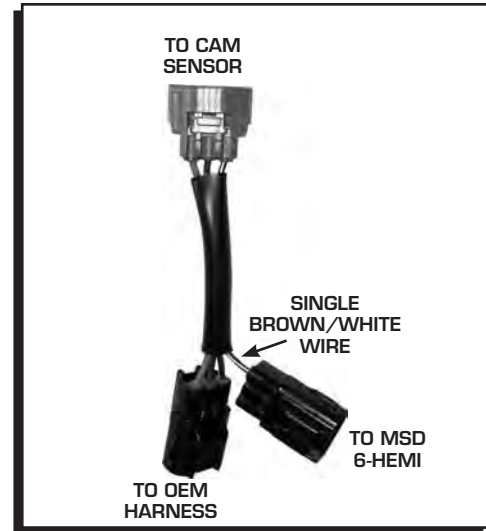


Figure 2 Camshaft Sensor Harness.

### 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).

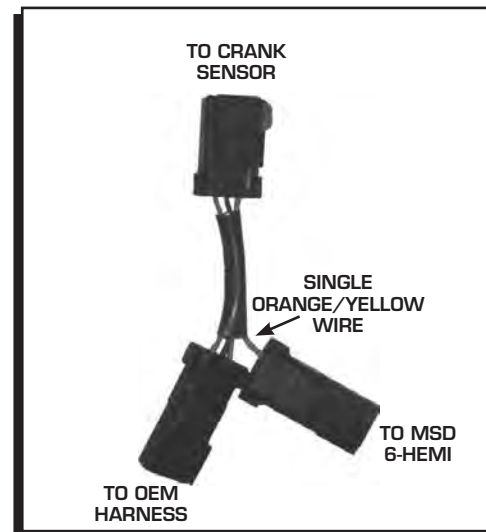


Figure 3 Crankshaft Sensor Harness.

### 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).

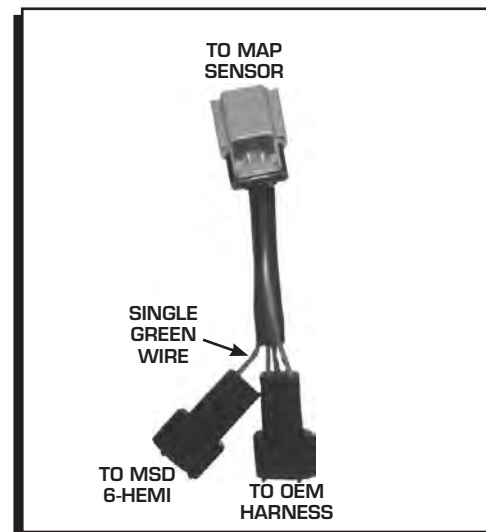


Figure 4 Map Sensor Harness.

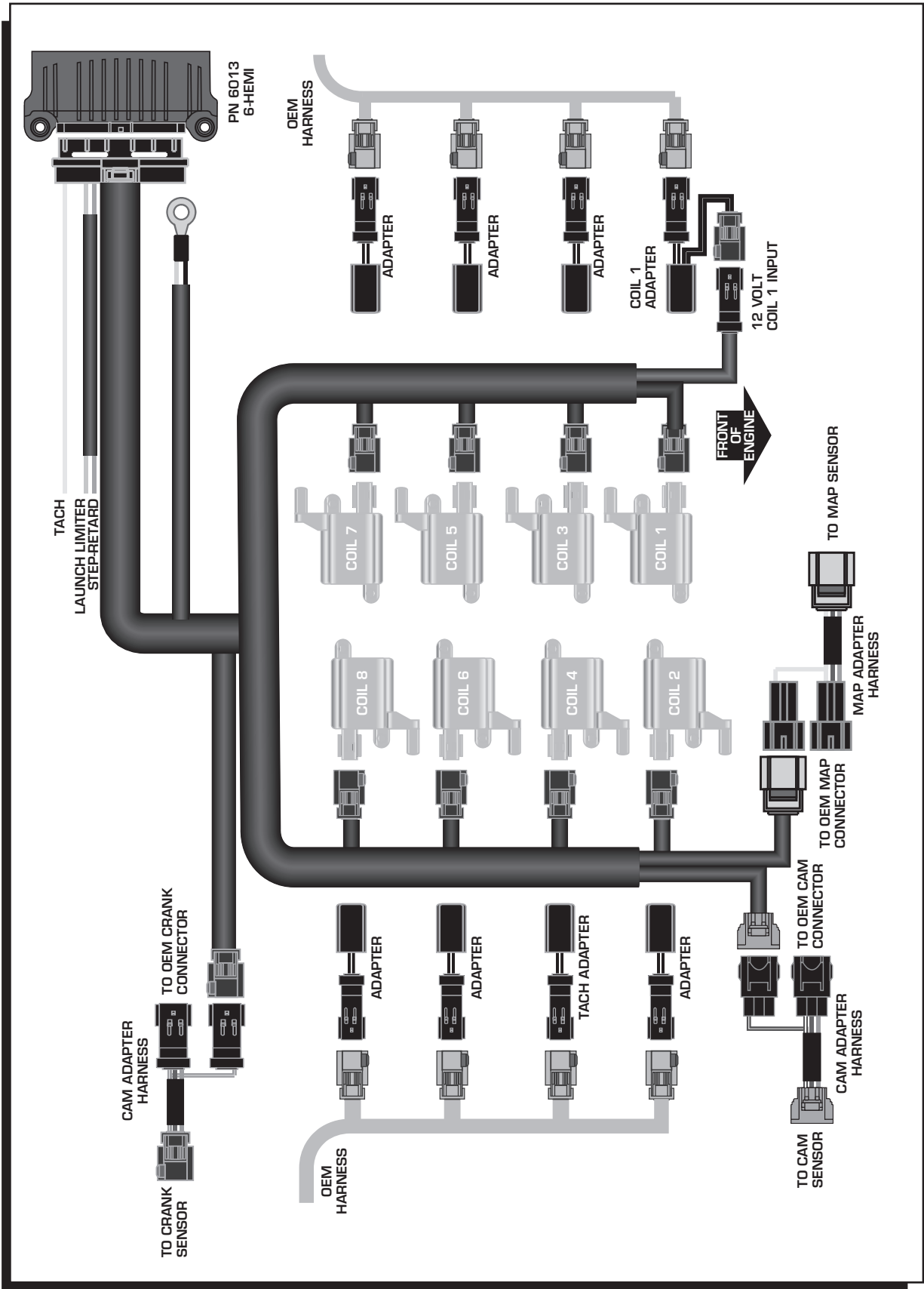


Figure 5 Typical Installation of PN 88815 or PN 88816.

