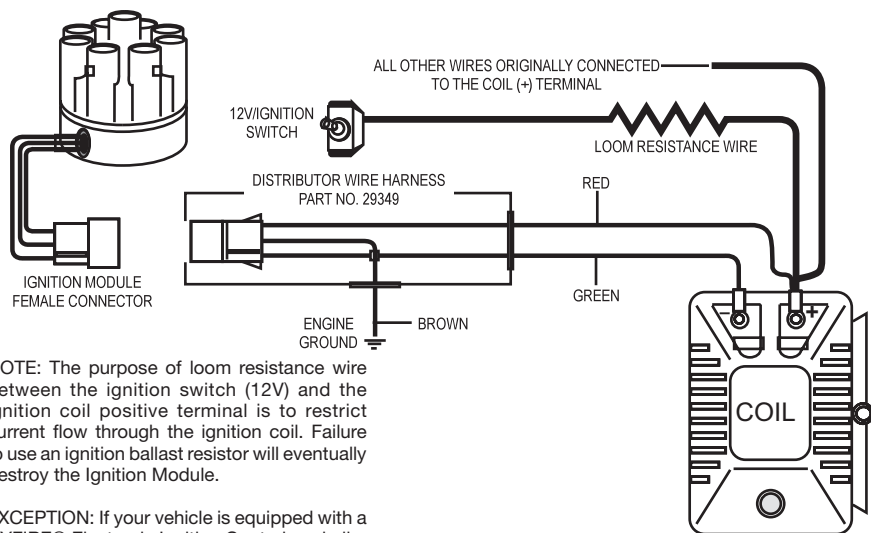


FIGURE 5 WIRING WITH LOOM RESISTANCE WIRE



NOTE: The purpose of loom resistance wire between the ignition switch (12V) and the ignition coil positive terminal is to restrict current flow through the ignition coil. Failure to use an ignition ballast resistor will eventually destroy the Ignition Module.

EXCEPTION: If your vehicle is equipped with a HYFIRE® Electronic Ignition Control or similar aftermarket ignition control use the wiring procedures stated in the instructions included with the ignition control.

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.msdisignition.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 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. 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. 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 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. Any modifications to this item or if it is used on an application other than what MSD 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 will accept no liability for custom applications.

Magnetic Breakerless Ignition Module PN 609

APPLICATION: YLM and YTM Series Distributors; 50 Series Mechanical Advance Distributors; 57 Series Vacuum Advance Distributors; 82 Series Mechanical Advance Billet Competition Distributors; COMP 9000® 87 Series Vacuum Advance Distributors; COMP 9000® 89 Series Mechanical Advance Distributors; Magnetic Breakerless Ignition Conversions.

INSTALLATION PROCEDURE

Step 1

Remove the distributor cap and rotor (NOTE On Series Nos 82, 87 and 89 Distributors, also remove the adapter shield) Unplug the old module (female connector) from the distributor wire harness Cut the female connector off the end of the wires from the old module assembly and push the wires through the grommet See Figure 1

Step 2

YLM and YTM Series, and 50 Series Distributors

Loosen (do not remove) the two nuts on the side of the distributor housing

Series 57 and 87 Distributors

Remove the small E-clip that holds the vacuum advance linkage on the drive pin on the steel plate Lift the vacuum advance linkage off the drive pin

Remove the Allen head screw or screws (there may be one or two) that hold the old module assembly to the steel plate The old module assembly should be loose If the old module assembly is not loose, remove the two magnetic pickup nuts on the old module assembly See Figure 1

Series 82 and 89 Distributors

Remove the two Allen head screws that hold the old module assembly to the steel plate The old module assembly should be loose If the old module assembly is not loose, remove the two magnetic pickup nuts on the old module assembly See Figure 1

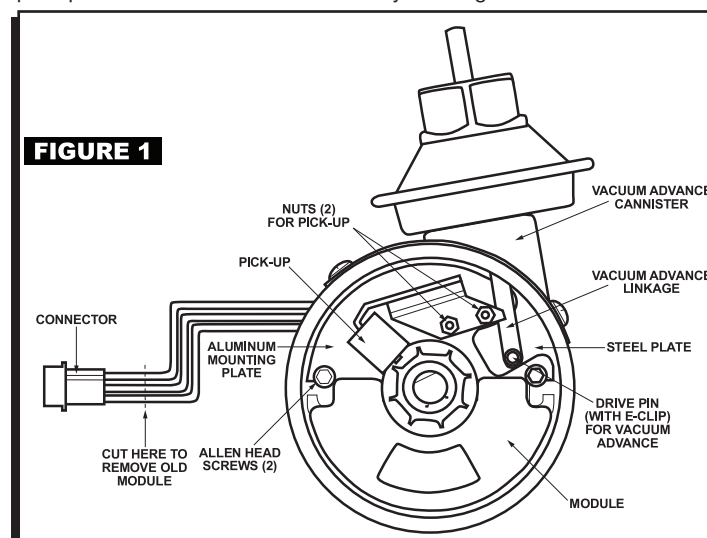


FIGURE 1

Step 3

Lift the old module assembly up and out of the distributor housing

Step 4

Loosen the two magnetic pickup nuts on the new module assembly See Figure 2

Note: (57, 82, 87 and 89 Series Distributors): If you had to remove the two magnetic pickup nuts that hold the pickup to the old module assembly (Step 2), remove the two magnetic pickup nuts on the new module assembly and press the two studs out of the new module assembly. Discard these nuts and studs.

Step 5

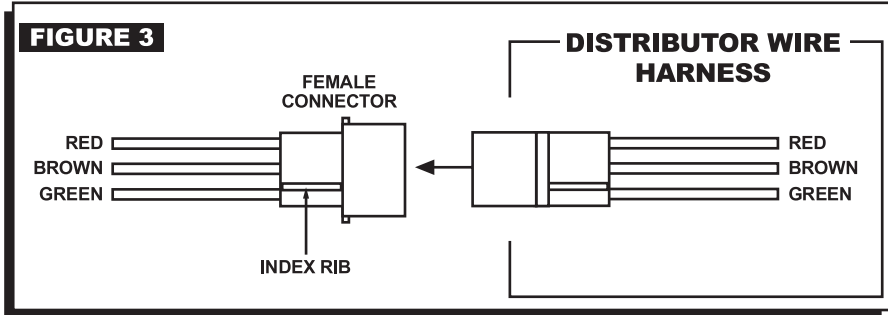
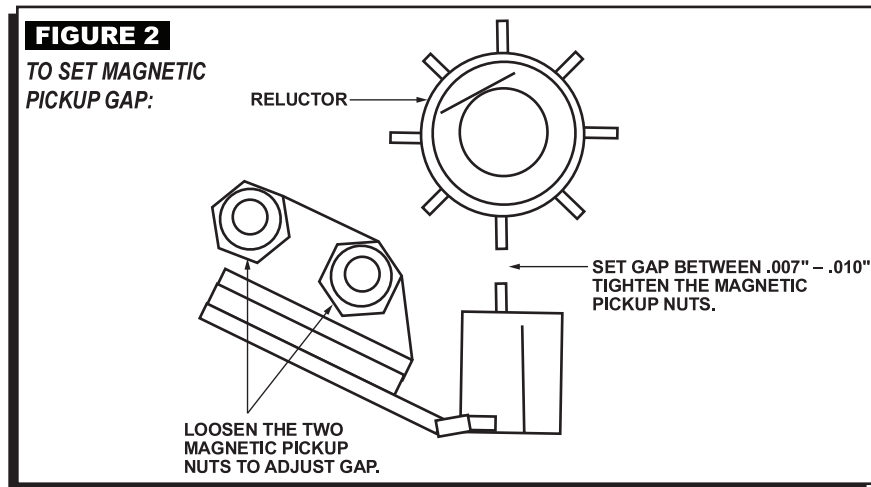
Install the new module assembly in the reverse order from the way the old module assembly was removed (Steps 2 and 3)

Step 6

Set the magnetic pickup gap between 0.007-0.010" when tooth on the reluctor is pointing directly at the center of the metal pole on the magnetic pickup A 0.0074" polyester gauge is provide to help in setting the magnetic pickup gap Tighten the two nuts that hold the magnetic pickup to the new module assembly See Figure 2

Step 7

Slide the three wires from the module assembly through the grommet, to outside the distributor housing Put the three wires in the female connector GREEN WIRE in hole #1 BROWN WIRE in hole #2 RED WIRE in hole #3 Plug the female connector into the distributor wire harness See Figure 3

**REVIEW WIRING PROCEDURE**

IMPORTANT: Make sure that your vehicle is equipped with an ignition ballast resistor (or loom resistance wire) in the wire between the ignition switch and the coil (+) terminal One easy way to find the ignition ballast resistor is to check the service manual for your vehicle You can test your ignition system voltage while the engine is at idle at the coil (+) terminal If the measured voltage is within 1-volt of battery voltage, an ignition ballast resistor must be installed in the wire from the ignition switch

Example: Vehicles with a Ford TFI or Delco HEI require adding an ignition ballast resistor in the wire from the ignition switch If you find your vehicle is not equipped with an ignition ballast resistor, install a Mallory Ignition Ballast Resistor Part No 700 in series in the wire from the ignition switch Failure to use an ignition ballast resistor will result in the eventual destruction of the module

Exception: If your vehicle is equipped with a HYFIRE® Electronic Ignition Control or similar aftermarket ignition control, use ignition ballast resistors and wiring procedures as stated in the instructions for the particular ignition control

