



# INSTALLATION INSTRUCTIONS

## Street Fire HEI Distributor, Chevy V8 PN 8362/83623

**ONLINE PRODUCT REGISTRATION:** Register your MSD product online. Registering your product will help if there is ever a warranty issue with your product and helps the MSD R&D team create new products that you ask for! Go to [www.msdsperformance.com/registration](http://www.msdsperformance.com/registration).

**Important:** Read these instructions before attempting the installation.

### Parts Included:

- 1 - Distributor
- 1 - Gasket
- 1 - Tube of Gear Lubricant
- 1 - Vacuum Advance Stop Plate, PN 84281

### Replacement Parts:

- 1 - Rotor, PN 8410
- 1 - Cap, PN 8411 (Red)
- 1 - Coil Cover, PN 8402
- 1 - Cap and Rotor Kit, PN 8416 (Red),  
PN 5501 (Black)

**WARNING:** Before installing the Distributor, disconnect the battery cables. When disconnecting the battery cables, always remove the Negative (-) cable first and install it last.

1. Remove the existing distributor cap without disconnecting any of the spark plug wires.
2. With the cap off, crank the engine until the rotor is aimed at a fixed point on the engine or firewall. Note this position by making a mark (Figure 1).
3. Place the distributor cap back on and note which plug wire the rotor is pointing to. MARK THE SPARK PLUG WIRES and remove the distributor cap.
4. Disconnect the wiring from the distributor.
5. Loosen the distributor hold down clamp and slide the clamp out of the way.
6. Lift the distributor out of the engine. Note that the rotor rotates as you lift the distributor out. This is due to the helical cut gear and should be taken into consideration when installing the new distributor.
7. Install the gasket and apply a liberal amount of the supplied lubricant to the distributor gear.
8. Install the distributor making sure that the rotor comes to rest pointing at the same fixed mark. If the distributor will not fully seat with the rotor pointing to the marked position, you may need to rotate the oil pump shaft until the rotor lines up and the distributor fully seats.
9. Position and tighten the hold down clamp onto the distributor.
10. Install the distributor cap and spark plug wires one at a time to ensure correct location.
11. Connect a switched 14-gauge wire from a 12 volt source to the B+ terminal of the Distributor Cap (Figure 2). (Be sure the 3-pin connector from the module is connected to the cap).
12. To connect a tachometer, plug the trigger wire of the tach to the "tach" terminal of the cap.

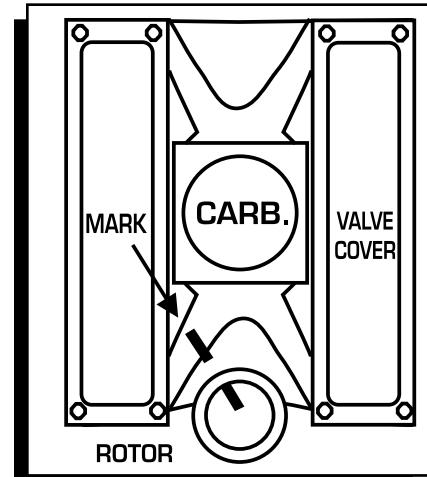


Figure 1 Marking the Rotor Location.

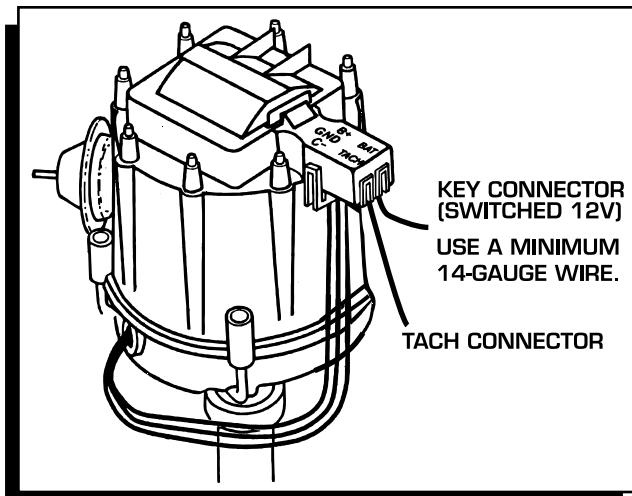


Figure 2 General Wire Installation.



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## VACUUM ADVANCE STOP

The Street Fire HEI is supplied with a Vacuum Advance Stop Kit that allows you to set a limit to the Vacuum Advance. Follow the supplied instructions with the Kit, PN 84281.

## MECHANICAL ADVANCE

The mechanical advance of the Street Fire HEI distributor is tuned to provide 22° at 4,000 rpm.

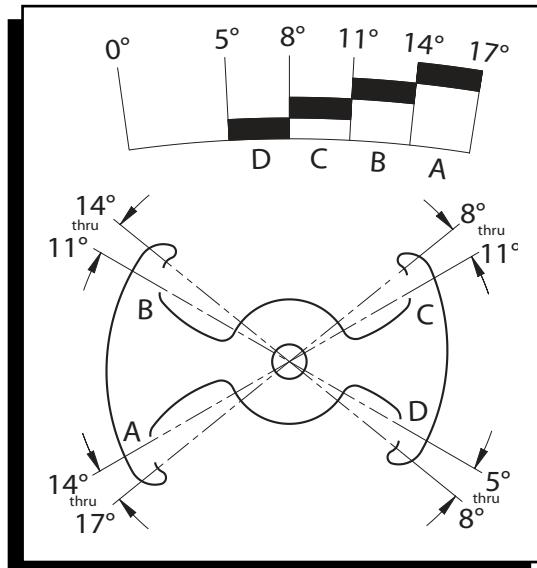


Figure 3 HEI Vacuum Stop Plate, PN 84281.

## OPTIONAL ADVANCE KIT

If you would like to adjust the centrifugal advance of your Street Fire HEI distributor, a Spring Kit is available as PN 8428.

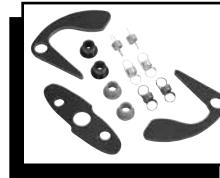


Figure 4 Optional Centrifugal Advance Kit.

### 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.mspperformance.com/rma](http://www.mspperformance.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 at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 5:00 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.