



# INSTALLATION INSTRUCTIONS

## Street Fire HEI Distributor, Chevy V8 PN 8362

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

### Parts Included:

- 1 - Distributor
- 1 - Gasket
- 1 - Tube of Gear Lubricant

### Replacement Parts:

- 1 - Rotor, PN 8410
- 1 - Cap, PN 8411
- 1 - Coil Cover, PN 8402

**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.

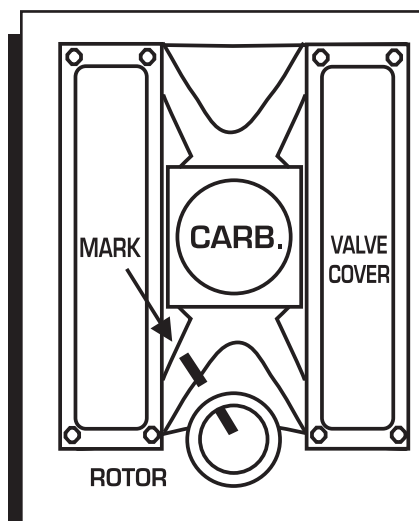


Figure 1 Marking the Rotor Location.

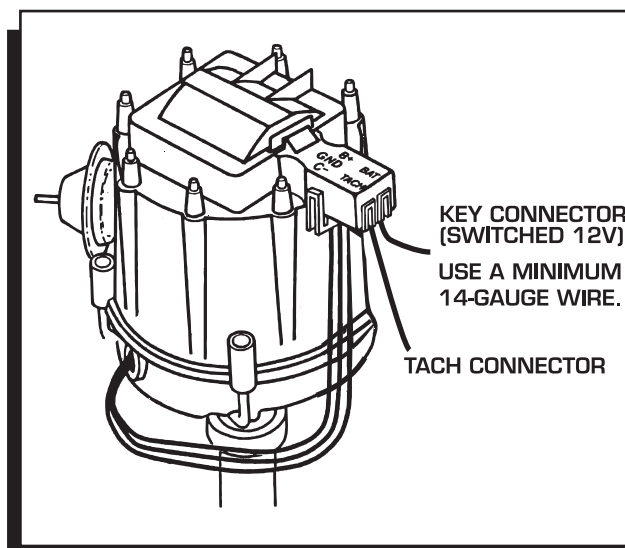


Figure 2 General Wire Installation.



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## ADJUSTABLE VACUUM ADVANCE

It is recommended to connect the vacuum advance to a ported vacuum outlet above the throttle plates.

You can easily adjust the vacuum advance of the Street Fire Distributor. Insert a 3/32" Allen wrench in the canister inlet and turn the adjustment screw clockwise until it is all the way in (Figure 3). Clockwise reduces the advance, counter clockwise increases. Consult the chart in Figure 4 to determine how many turns out it will take to achieve your desired amount of vacuum advance.



**Figure 3 Adjusting the Vacuum Advance.**

**Note:** Before making any adjustments screw the adjuster all the way in (CW).

**Caution:** Do not turn the vacuum advance screw out more than 10 turns. This could cause the advance to fail and require repair.

Turns Out							Turns Out						
	0	2	4	6	8	10		0	2	4	6	8	10
1°	5	5.1	5.6	5.6	6	6.5	12°	8	8.3	9.2	9.8	10.4	10.8
2°	5.2	5.2	5.9	6	6.6	7	13°	8.2	8.7	9.6	10.2	10.6	11.3
3°	5.5	5.5	6.2	6.5	7	7.2	14°	8.5	9.2	10.2	10.6	11.2	11.6
4°	5.8	5.9	6.5	6.7	7.2	7.5	15°	9	9.6	10.6	11.2	11.6	12.4
5°	6	6.1	6.7	7	7.5	7.8	16°	9.6	10.2	11.2	11.7	12.4	12.8
6°	6.2	6.3	7	7.4	7.8	8.2	17°	10.4	10.8	11.8	12.3	13	13.5
7°	6.5	6.5	7.4	7.8	8.2	8.6	18°	11	11.4	12.5	13.1	13.5	14.4
8°	6.8	6.8	7.8	8.3	8.6	9.1	19°	11.8	12	13.4	13.8	14.4	15.1
9°	7	7.1	8	8.5	9	9.5	20°	12.5	12.6	14.2	14.6	15.2	16.1
10°	7.4	7.4	8.4	8.9	9.4	10	21°	13.5	13.2	15.3	15.5	16.6	17.4
11°	7.6	7.8	9	9.2	10	10.4	22°	14	14.6	16.7	17	17.5	19.4
Amount of vacuum at canister							Amount of vacuum at canister						

**Figure 4 Timing Advance Chart.**

## 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.