



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.

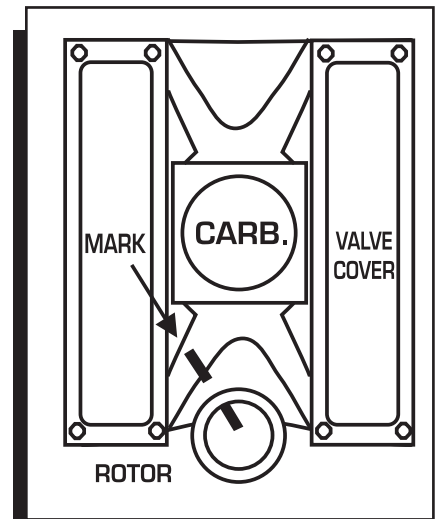


Figure 1 Marking the Rotor Location.

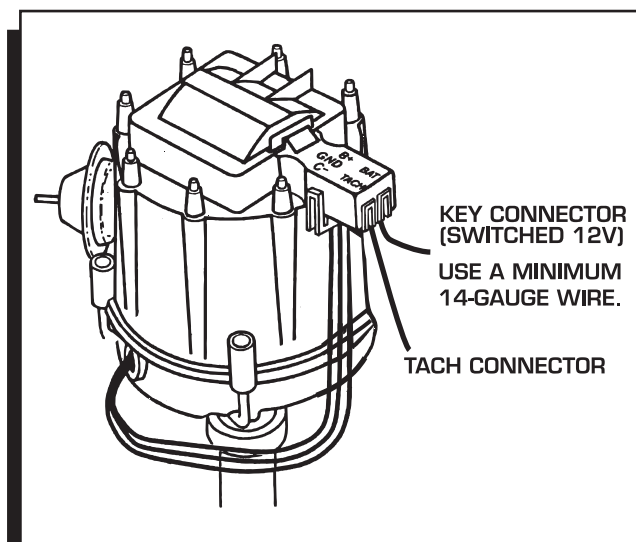


Figure 2 General Wire Installation.



INSTALLATION INSTRUCTIONS

ADJUSTABLE VACUUM ADVANCE

A vacuum advance is used primarily to help economy and driveability at moderate and cruising speeds. It is not necessary to connect. If you plan to use it, 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). Counter clockwise reduces the advance, 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.

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



Figure 3 Adjusting the Vacuum Advance.

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

Amount of vacuum at canister
(in inches of mercury)

Figure 4 Timing Advance Chart.

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

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.

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