



ACCEL PERFORMANCE REPLACEMENT HEI CHEVY V8 DISTRIBUTOR P/N 59130

PARTS INCLUDED: (1) Distributor, (1) Gear Lubricant, (1) Gasket, & (1) Vacuum Advance Stop Plate

WARNING! During installation, disconnect the battery cables. When disconnecting the battery, 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.

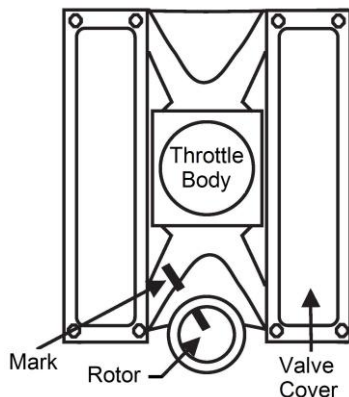


Figure 1 – Marking the Rotor Location

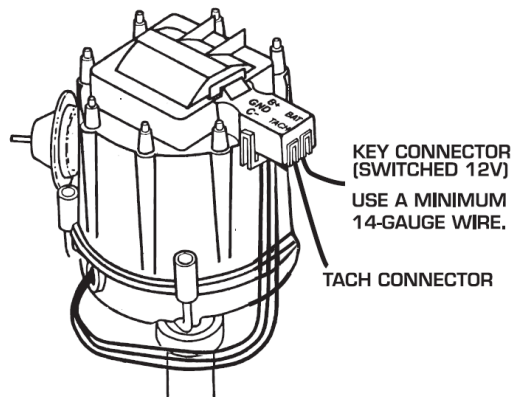


Figure 2 – General Wire Installation

REMOVAL:

1. Mark the spark plug wires and their location then remove the cap. Note that the Vortech Distributor routes the wires to each side and from front to back (**Figure 2**).
2. Remove the two screws retaining the cap.
3. With the cap off, turn the engine over until the rotor is aimed at a fixed point on the engine or firewall. Note this position by making a mark (**Figure 1**).

- Loosen the distributor hold-down clamp and slide it out of the way.
- Lift the distributor out of the engine. Note that the rotor rotates as you lift it out. This is due to the helical cut gear and should be taken into consideration when installing the new distributor.

INSTALLATION:

- Remove the cap from the distributor. Install the new gasket on the housing.
- Apply a liberal amount of the supplied break-in lubricant to the distributor gear.
- Install the distributor making sure that the rotor comes to rest at the same fixed mark. If the distributor will not fully seat you may need to rotate the oil pump shaft using a long flat-blade screwdriver.
- With the rotor in the correct position and the distributor fully seated, install the distributor clamp and tighten it.
- Install the distributor cap.
- Install the spark plug wires one at a time to ensure correct location.

HEI VACUUM ADVANCE STOP PLATE:

Parts Included: (1) Limiter Vacuum Advance, (1) Bushing Blue, (1) 4mm x .7 x 20mm Flatblade Screw, & (2) #8 Lock Internal Tooth Washers

The HEI Vacuum Advance Stop, allows you to limit the amount of vacuum advance that occurs while driving. It is designed for use on the Accel 59130. There are four positions that the Stop can be installed as shown in **Figure 3**.

INSTALLATION:

- Mark the location of each spark plug wire, disconnect the wiring and remove the cap.
- Remove the rotor.
- Remove the rear screw that holds the vacuum canister in place.
- Position the Stop Plate with the desired stop amount against the canister rod (Figure 2). Position the plate as shown.
- The HEI uses the flatblade screw. Install the star washer, the Stop Plate, spacer and the other star washer over the correct screw. Apply Blue Loctite to the end of the screw and position it over the canister bracket and into the housing. Ensure that the Stop Plate is installed in the proper position.
- Reinstall the rotor, cap, plug wires, and wiring.

