

Installation Instructions for 40006 HEI Distributor

Note: *We recommend that you read the entire instruction sheet before beginning the installation.*

1. Without disconnecting any of the ignition wires, remove the existing distributor cap from the distributor base.
2. Select a fixed point on the engine or firewall and crank the engine until the rotor is facing this position. Make a mark on the engine or firewall so that the new distributor can be installed in the same position.
3. Loosen the distributor clamp (do not remove) and push away from the distributor base.
4. Remove the two electrical connectors from the base of the distributor. Remove the distributor from the engine. The rotor will turn as the distributor is removed due to the cut of the distributor and camshaft gears. You will need to take this into consideration later in step 9 during the installation of the new distributor.
5. Remove the distributor cap from the new distributor.
6. Apply a liberal amount of cam break-in lube on the cam gear of the new distributor. Failure to do so will result in premature wear of the distributor gear against the hydraulic roller camshaft.
7. Place a new gasket over and not into the distributor hole in the intake manifold.
8. Insert the new distributor into the engine by engaging the oil pump drive and camshaft gear while aligning the rotor with the mark you made earlier taking into consideration the amount of rotor movement needed to engage the gears. If, for some reason, the distributor does not seat fully you may need to turn the oil pump drive slightly with a long screwdriver prior to installation in order to engage the oil pump drive.
9. Install the distributor clamp and tighten.
10. Install the new distributor cap. Plug the two connectors into the base of the unit.
11. Using the old cap as a reference remove and install one ignition wire at a time. This will assure the correct orientation for the firing order.
- 12a. Start the engine, check and adjust the initial timing. You will need to disconnect the EST wire and follow the instructions found on the Emission Specification decal located in the engine compartment for this adjustment.
- 12b. The Check Engine Light will be turned on and a code will be set during this operation. To turn the Check Engine Light off simply turn the ignition switch to the off and then lock positions. Re-connect the EST wire. The Check Engine Light will be turned off at this time. However the code will remain in the computer's memory for several start sequences. To immediately clear the code and re-set the vehicles computer, disconnect the negative battery terminal for five minutes.



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