

REMOVAL AND INSTALLATION (Continued)

13. Replace armature and tighten screws to 2.8-4.0 N·m (25-35 lb-in).
NOTE: If the armature contacts the stator, replace the entire distributor.
14. Check distributor for free movement over full rotation of shaft.
15. Install the distributor into block per distributor replacement procedure.
16. Connect distributor module to wiring harness.
17. Replace rotor.
18. Replace cap and tighten screws to 2.0-2.6 N·m (18-23 lb-in).
19. Set engine timing.

Ignition Control Module (ICM)

3.0L Engine

Removal

1. Using a screwdriver, remove distributor cap and position it and attached wires aside so as not to interfere with work area.
2. Remove ICM harness connector.
3. Remove distributor from engine.
4. Place distributor on work bench. Remove two ICM mounting screws.

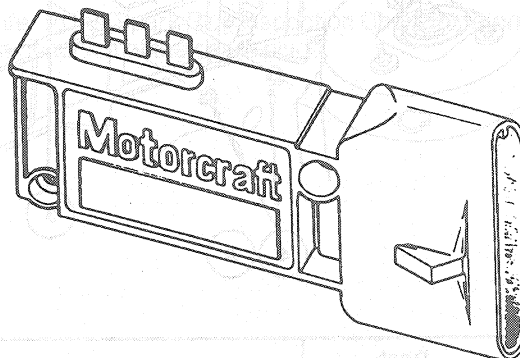
CAUTION: Do not attempt to lift ICM from mounting surface prior to moving entire ICM toward distributor flange as pins will break at distributor/module connector.

5. Pull RH side of ICM down distributor mounting flange and back up to disengage module terminals from connector in distributor base. The ICM may be pulled toward flange and away from distributor.

Installation

1. Coat metal base plate of ICM uniformly with silicone compound, approximately 0.79mm (1/32 inch) thick. Use Silicone Dielectric Compound WA-10, D7AZ-19A331-A (ESE-M1C171-A) or equivalent.
2. Place ICM on distributor base mounting flange.
3. Carefully position ICM toward distributor bowl and engage three distributor connector pins securely.
4. Install two ICM mounting screws and tighten to 1.7-4.0 N·m (15-35 lb-in) starting with upper RH screw.

5. Install distributor on engine.
6. Install distributor cap. Tighten cap mounting screws to 2.0-2.6 N·m (18-23 lb-in).
7. Install ICM harness connector.
8. Using an induction timing lamp, verify engine timing. Refer to Vehicle Emission Control Information decal located in the engine compartment.



B4046-A

3.8L Engine

Removal

1. Using a Phillips head screwdriver, remove screws attaching leaf screen to top of cowl assembly.
2. Separate engine compartment / cowl seal strip from leaf screen and cowl dash extension panel in area of ICM.
3. Lift off leaf screen to allow access to ICM.
NOTE: The connector latch is underneath ICM shroud and must be pressed upward to unlatch.
4. Disconnect harness connector from the ICM assembly.
5. Remove two nut/washer assemblies (11mm hex-head) attaching ICM/heatsink assembly to cowl dash extension panel.
NOTE: The assembly is mounted with heatsink fins pointed downward.
6. Remove ICM/heatsink assembly.
7. Remove two ICM retaining screws and remove ICM from heatsink.
8. While holding ICM connector shroud with one hand, pull seal off other end of ICM.