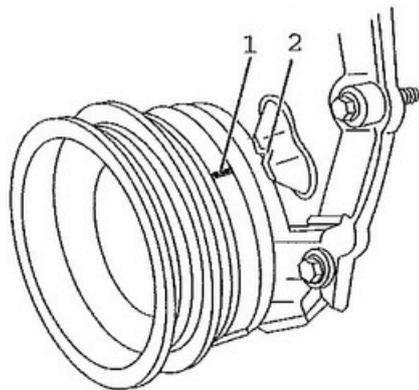


Engine - 5.0 to 5.7 liters Ignition timing V6-V8 GI/GXI

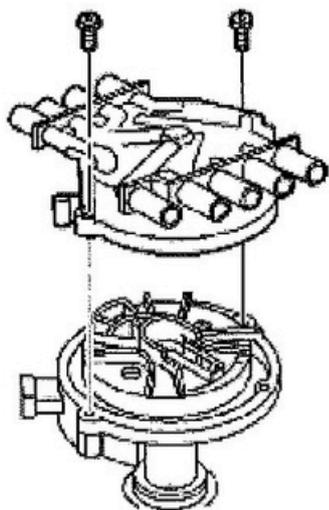
N.B. If the crankshaft has been moved while the distributor was removed, the complete ignition timing procedure must be followed. See below

Gi & GXi models



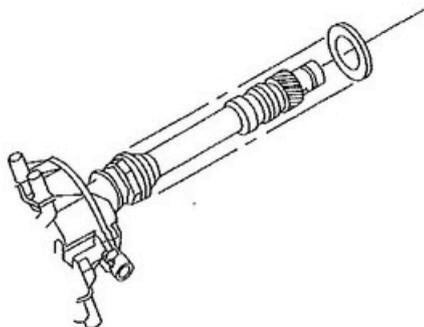
GL models: See workshop manual, electrical system, fuel and ignition 7743454

1. Turn the crankshaft balancer clockwise until the alignment marks on the crankshaft balancer (1) are aligned with the tabs on the front engine cover (2) and piston number 1 is at top dead center in the compression stroke.



2. If not already done, remove and discard the distributor cap screws.
3. Remove the distributor cap.

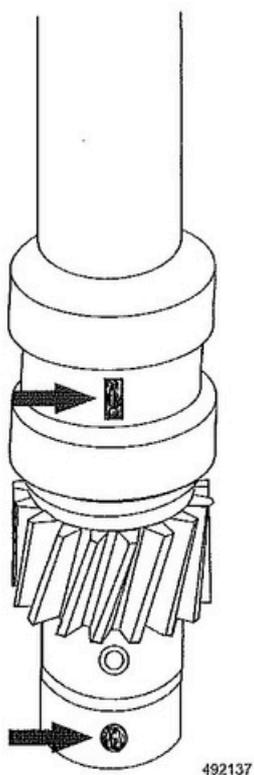
500690



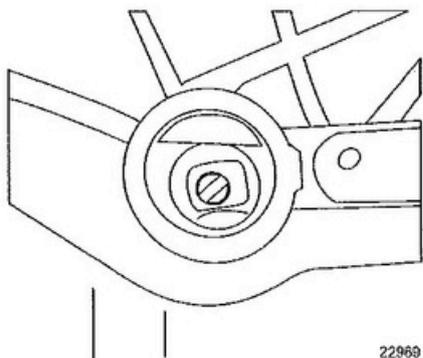
4. Install a NEW gasket on the distributor.

Engine - 5.0 to 5.7 liters

5. Align the notch on the distributor gear with the mark painted on the distributor housing.

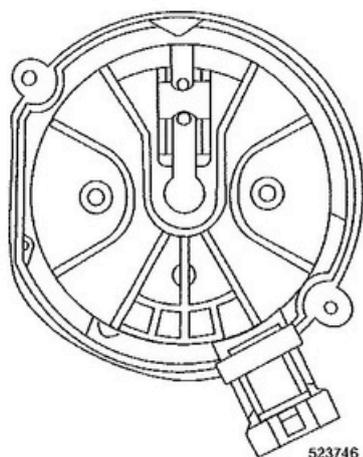


6. Align the slot in the oil pump drive shaft with the distributor drive shaft. If necessary, turn the distributor drive shaft. If necessary, turn the oil pump drive shaft using a screwdriver.

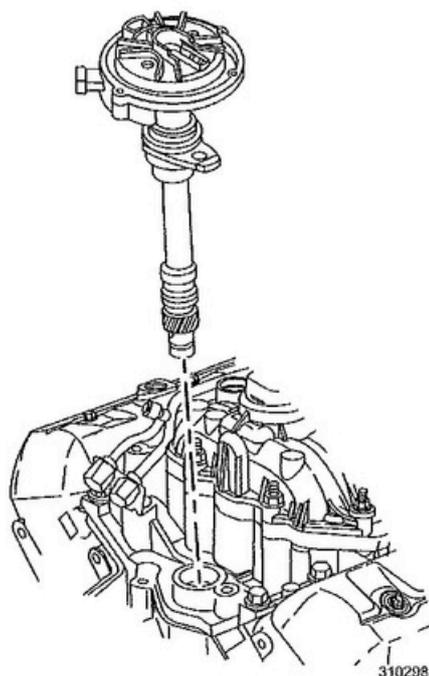


Engine - 5.0 to 5.7 liters

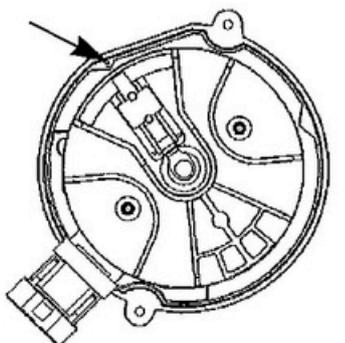
Flywheel



7. Turn the flat (1) in the distributor housing toward the front of the engine.



8. Reinstall the distributor and distributor collar. The flat in the distributor housing must face the front of the engine.

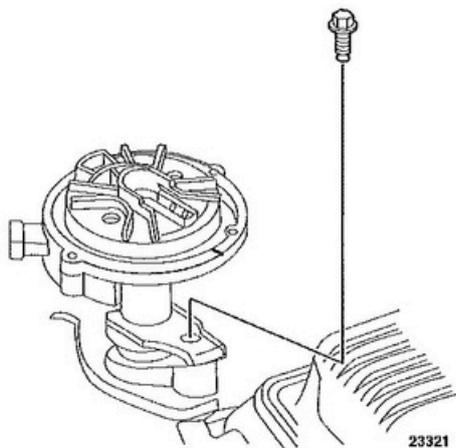


9. When the distributor is perfectly positioned, align the rotor segment with mark 8 (1) engraved at the base of the distributor.

N.B. If the distributor rotor segment does not line up with number 8, within a few degrees, the gearing between the distributor and the camshaft may be offset by one tooth or more. Repeat the procedure to achieve exact alignment.

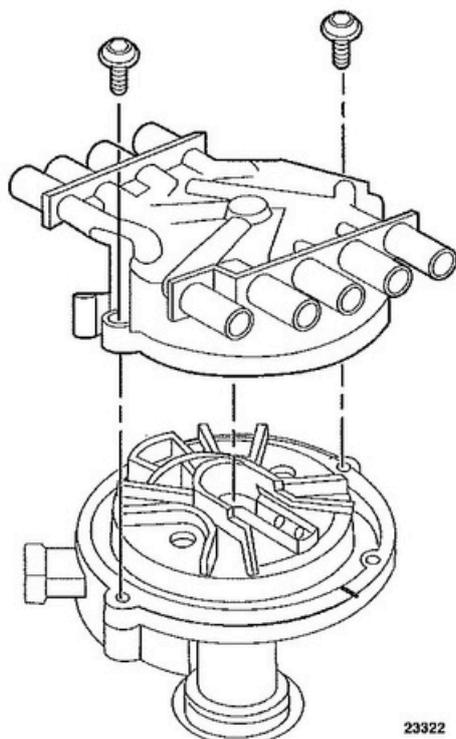
Engine - 5.0 to 5.7 liters

10. Install the distributor collar bolt and tighten it to a torque of 25 Nm (18 lb.ft).



11. Install the distributor cap with NEW bolts. Tighten the screws to a torque of 2.4 Nm (21 lb.in).

12. For timing, GL models, see Workshop Manual, Electrical System, Power and Ignition 7743454. For Gi and GXi models, see Workshop Manual, EFI Diagnostics 7742218 Onboard Repairs.



Alternator with mounting bracket

13. Position the distributor cap and high-voltage wires. See the general information section in the Electrical System/Ignition/Fuel System Service Manual for the exact firing order and spark plug wire routing.

14. Position the oil pressure sensor.

Connect

15. All electrical connections; apply black neoprene or equivalent to all exposed connections.

16. Fuel lines to carburetor and fuel pump or throttle body and fuel pump/vapor separator.

17. Throttle cable.