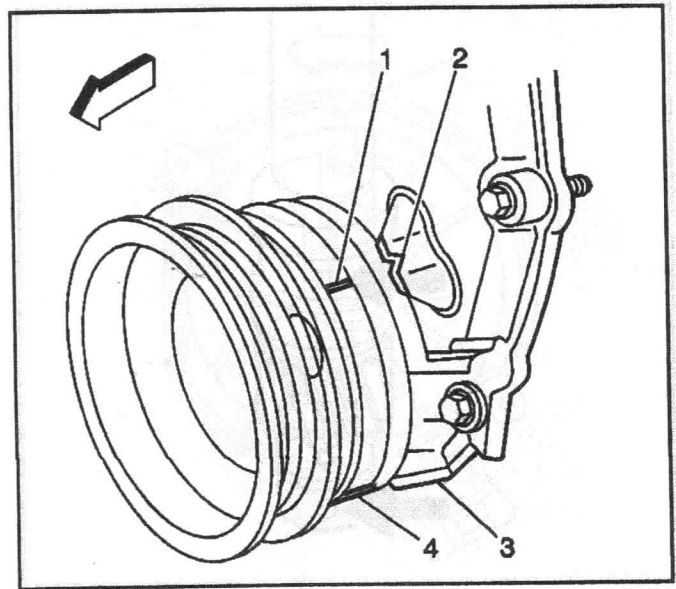


Distributor Installation

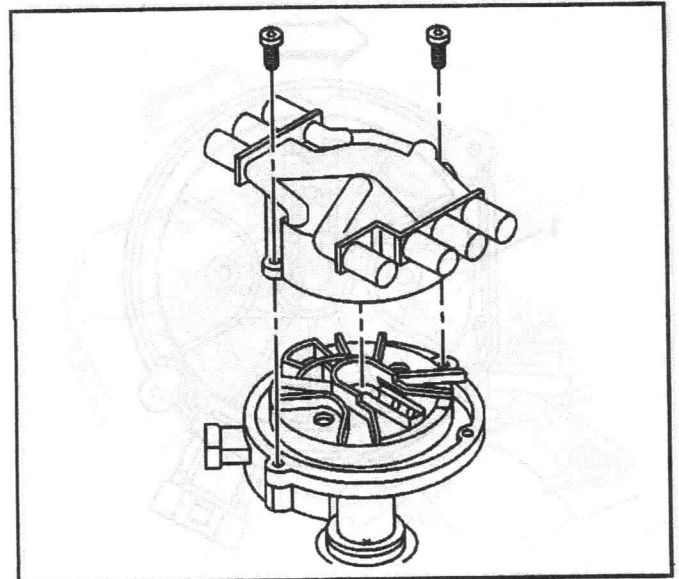
Important: The engine front cover has 2 alignment tabs and the crankshaft balancer has 2 alignment marks (spaced 90 degrees apart) which are used for positioning number 1 piston at top dead center (TDC). With the piston on the compression stroke and at top dead center, the crankshaft balancer alignment mark (1) must align with the engine front cover tab (2) and the crankshaft balancer alignment mark (4) must align with the engine front cover tab (3).

1. Rotate the crankshaft balancer clockwise until the alignment marks on the crankshaft balancer are aligned with the tabs on the engine front cover and the number 1 piston is at top dead center of the compression stroke.



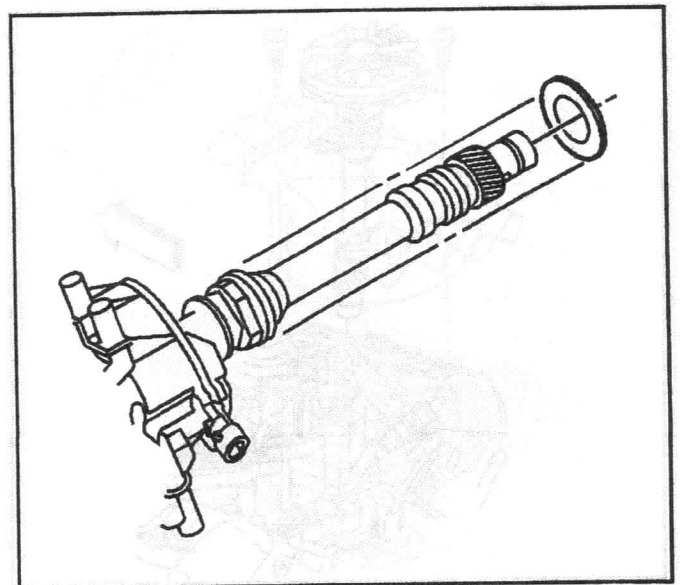
334551

2. Remove the distributor cap bolts and discard.
3. Remove the distributor cap.

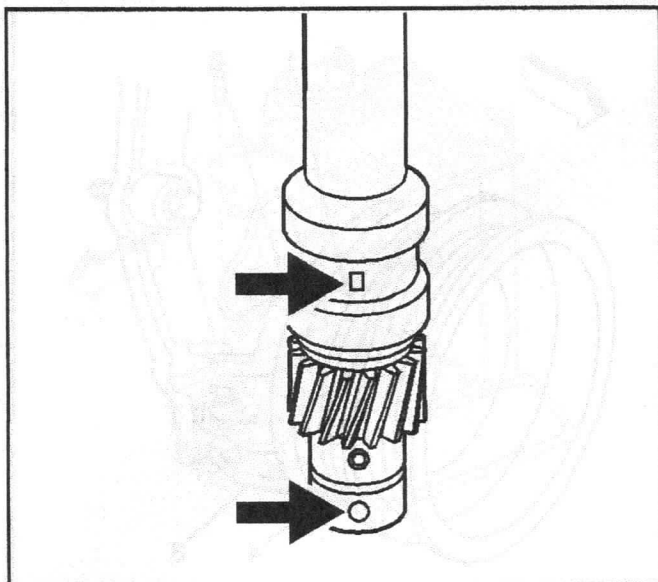


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4. Install a NEW distributor gasket onto the distributor.

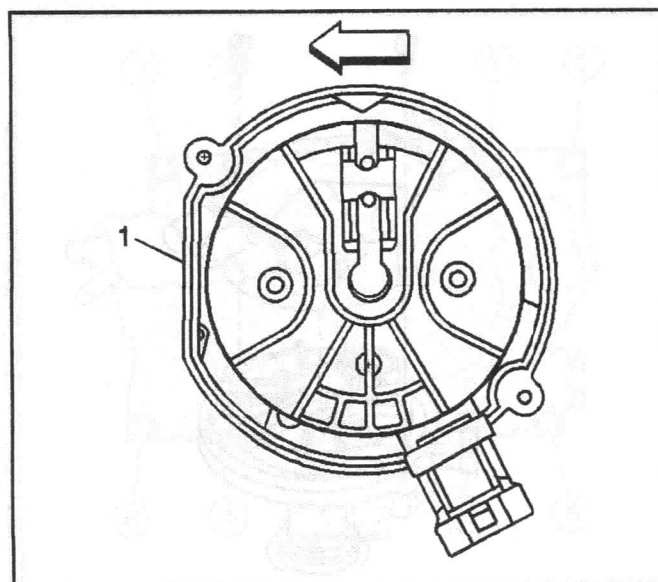


523516



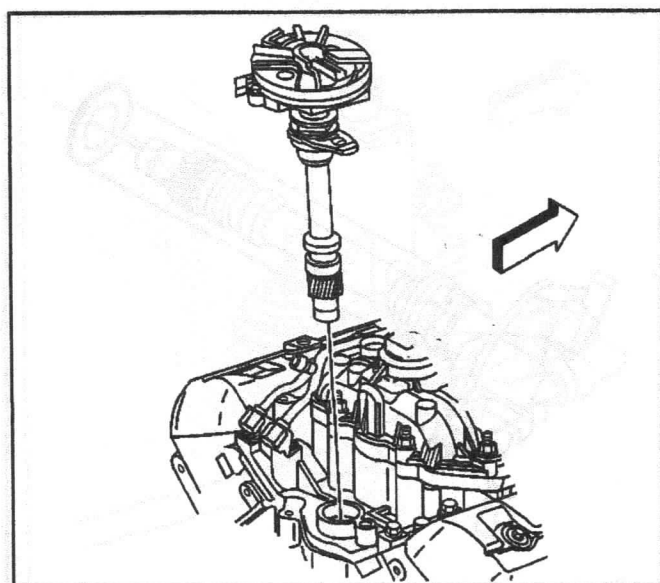
492137

5. Align the indent hole on the driven gear with the paint mark on the distributor housing.
6. Ensure that the distributor rotor segment points to the cap hold area.



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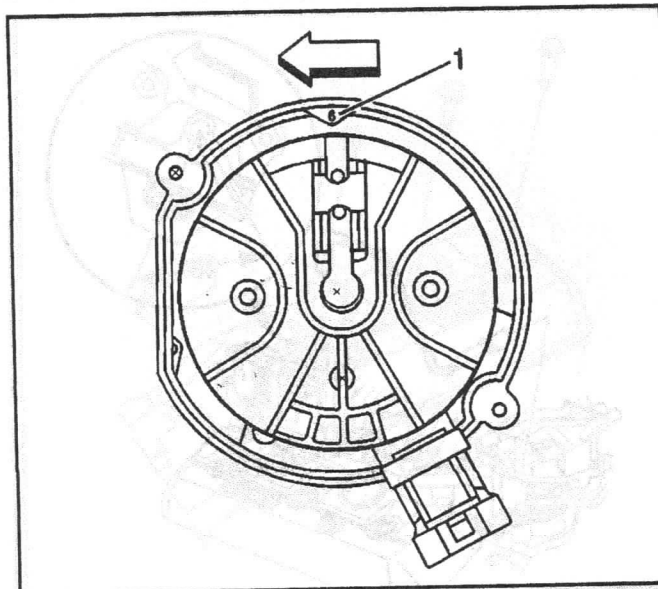
7. Align the slotted tang in the oil pump driveshaft with the distributor driveshaft.
Rotate the oil pump driveshaft with a screwdriver if necessary.
8. Align the flat (1) in the distributor housing toward the front of the engine.



310298

9. Install the distributor and distributor clamp.
The flat in the distributor housing must point toward the front of the engine.

18. Once the distributor is fully seated, align the distributor rotor segment with the number 6 pointer (1) that is cast into the distributor base. If the distributor rotor segment does not come within a few degrees of the number 6 pointer (1), the gear mesh between the distributor and camshaft may be off a tooth or more. Repeat the procedure again in order to achieve proper alignment.



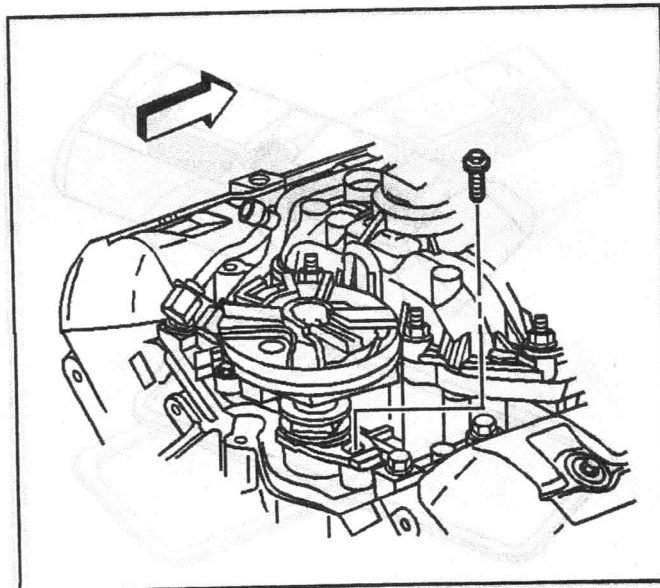
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Notice: Refer to *Fastener Notice* in Cautions and Notices.

19. Install the distributor clamp bolt.

Tighten

Tighten the distributor clamp bolt to 25 N·m (18 lb ft).

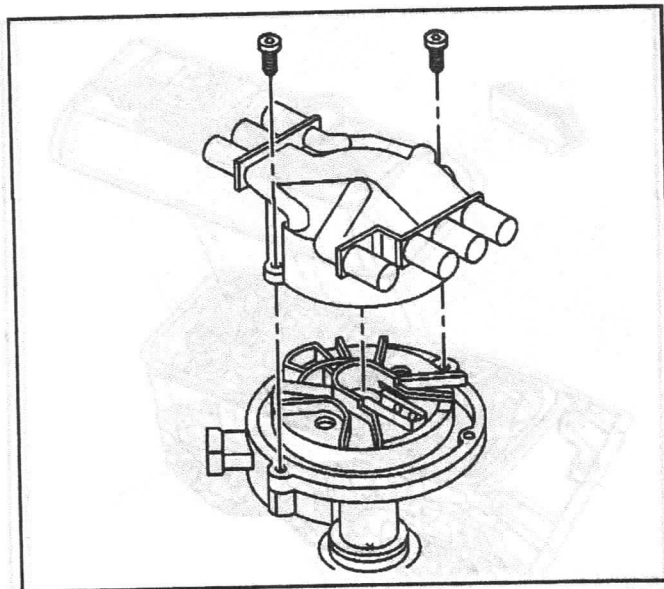


34403

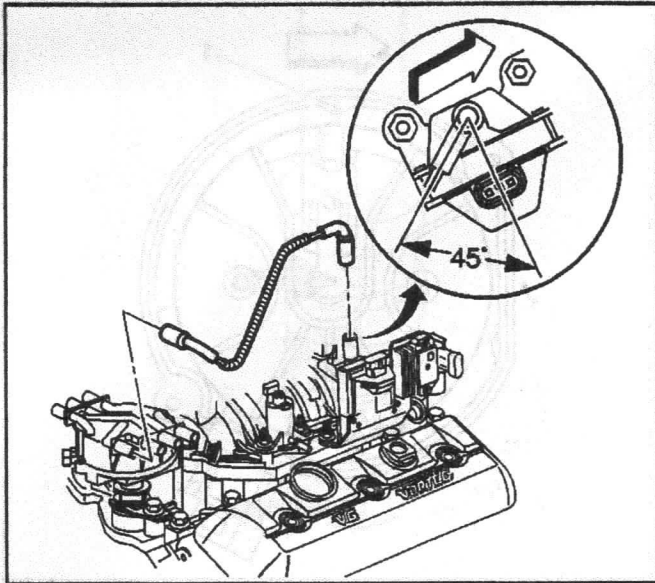
20. Install the distributor cap and NEW distributor cap bolts.

Tighten

Tighten the distributor cap bolts to 2.4 N·m (21 lb in).

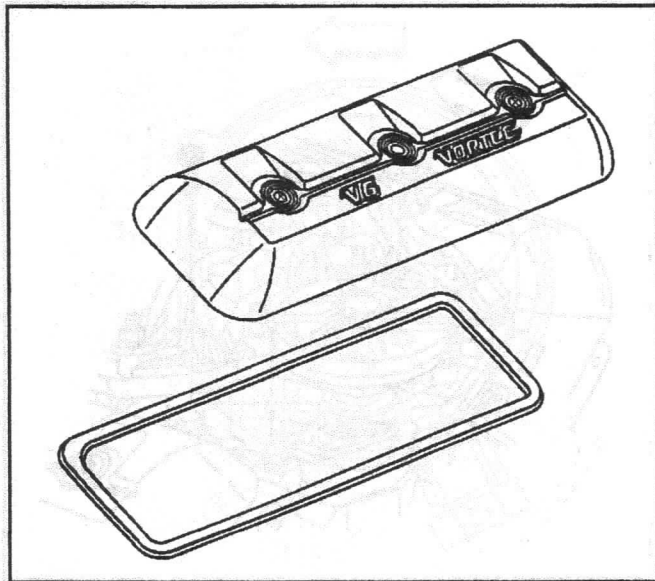


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13. Install the ignition coil wire harness.

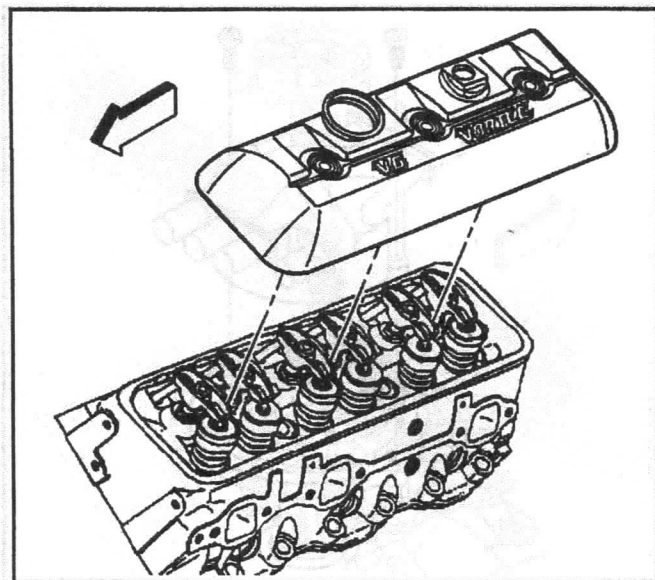


328573

Valve Rocker Arm Cover Installation (Left)

Important: Do not reuse the valve cover gasket or the valve rocker arm cover bolt grommets.

1. Install the NEW valve rocker arm cover gasket into the groove of the valve rocker arm cover.
2. Install the NEW valve rocker arm cover bolt grommets into the valve rocker arm cover.



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3. Install the valve rocker arm cover onto the cylinder head.