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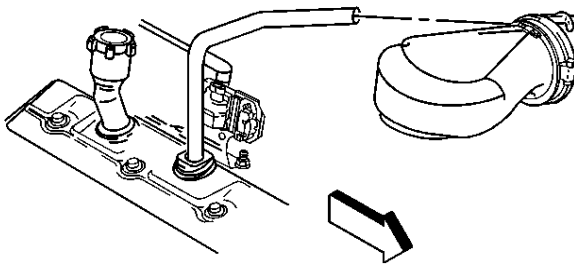
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Document ID# 704824
2002 Chevrolet Blazer - 4WD

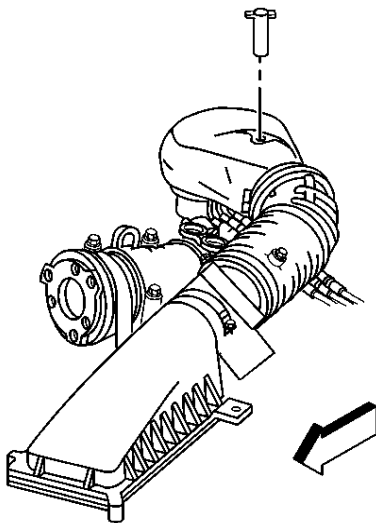
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Valve Rocker Arm Cover Replacement - Left

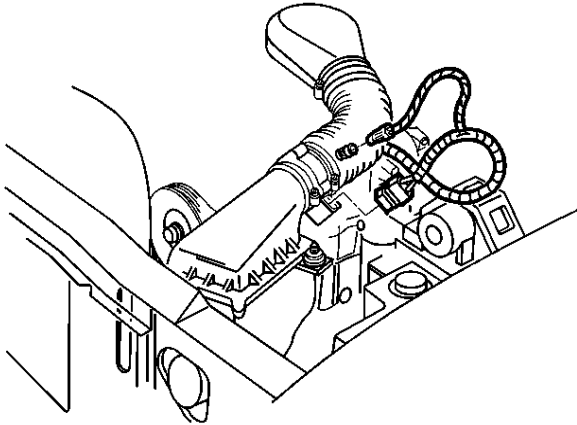
Removal Procedure



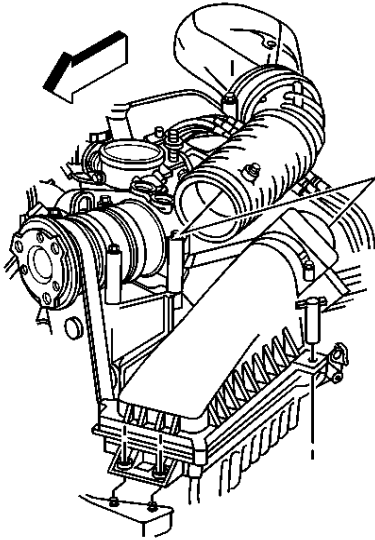
1. Disconnect the breather tube at the air cleaner outlet duct.



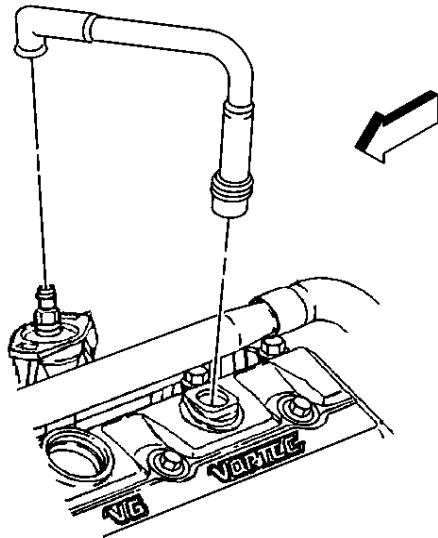
2. Remove the air cleaner outlet duct retaining wingnut.



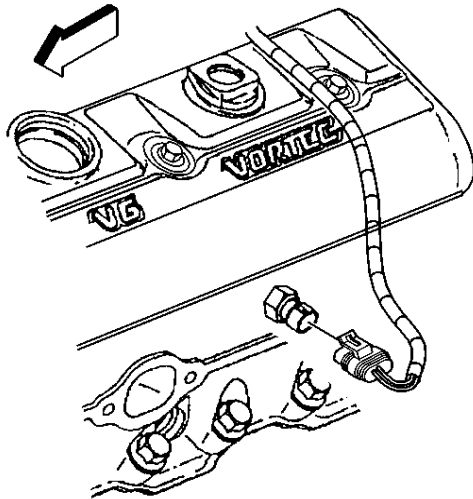
3. Disconnect the IAT sensor harness connector.



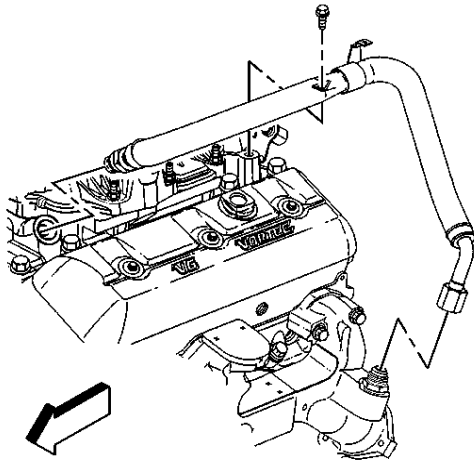
4. Remove the air cleaner outlet duct from the throttle body.
5. Partially drain the cooling system. Refer to [Draining and Filling Cooling System](#) in Engine Cooling.
6. Remove the radiator inlet hose from the water outlet housing. Refer to [Radiator Hose Replacement - Inlet](#) in Engine Cooling.



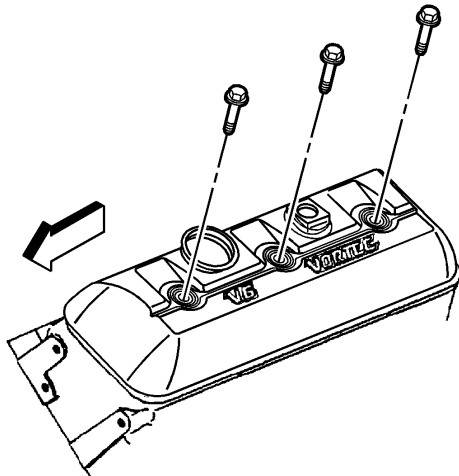
7. Remove the PCV valve hose assembly from the valve rocker arm cover.



8. Disconnect the engine coolant temperature (ECT) sensor electrical connector.



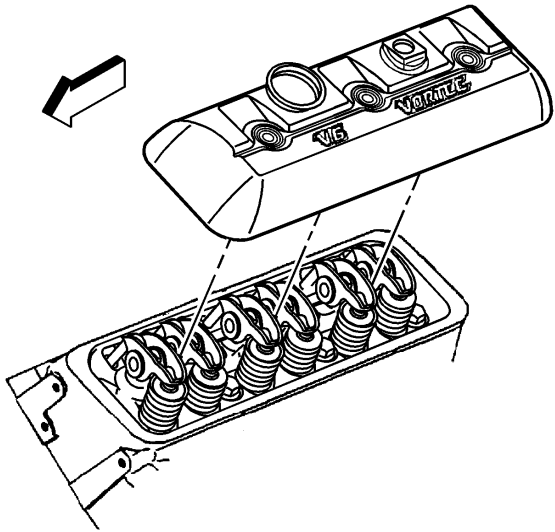
9. Remove the spark plug wire harness retainer from the exhaust gas recirculation (EGR) valve inlet pipe.
10. Remove the clamp bolt for the EGR valve inlet pipe.
11. Remove the EGR valve inlet pipe from the intake and the exhaust manifolds.



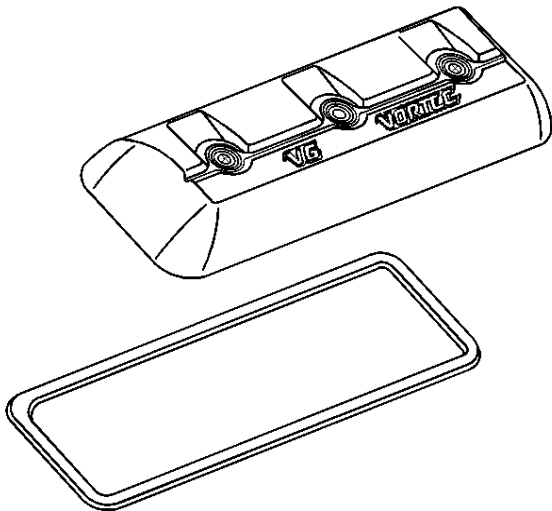
Important

A/C compressor and bracket removal is not necessary.

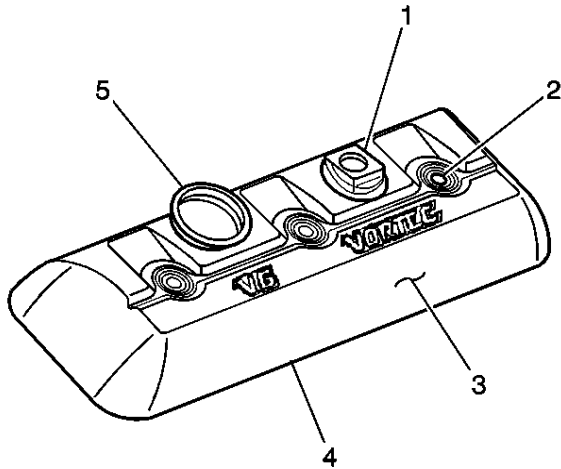
12. Remove the valve rocker arm cover bolts.
13. Remove the valve rocker arm cover bolt grommets.
14. Discard the valve rocker arm cover bolt grommets.



15. Remove the valve rocker arm cover.

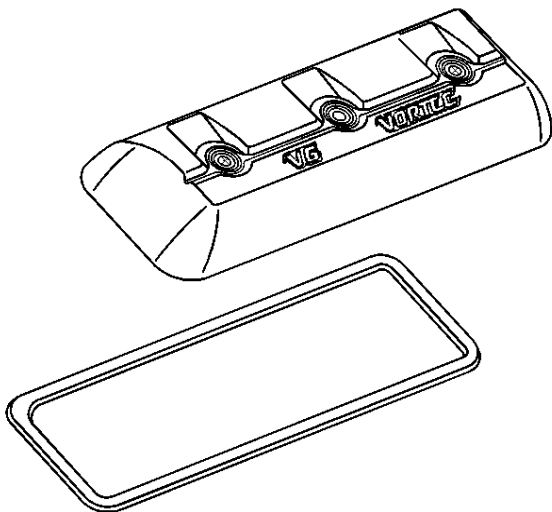


16. Remove the valve rocker arm cover gasket.
17. Discard the valve rocker arm cover gasket.



18. Clean the valve rocker arm cover in cleaning solvent.
19. Dry the valve rocker arm cover with compressed air.
20. Inspect the valve rocker arm cover for the following:
 - Damage to the PCV valve grommet (1)
 - Damage to the bolt holes (2) A damaged valve rocker arm cover may interfere with the valve rocker arms.
 - Damage to the exterior of the valve rocker arm cover (3)
 - Gouges or damage to the sealing surface (4)
 - Damage to the oil fill tube grommet (5)
 - Restrictions to the ventilation system passages

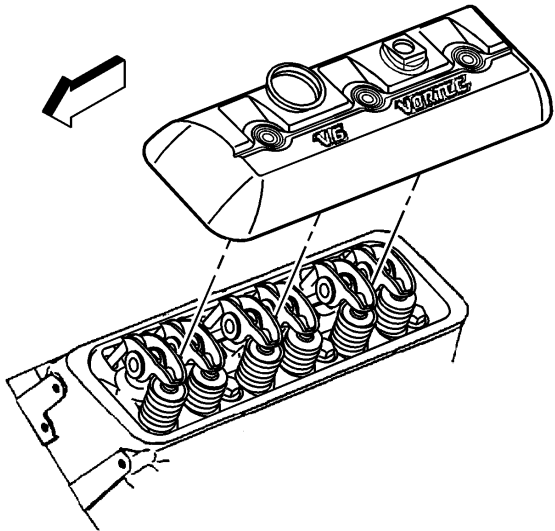
Installation Procedure



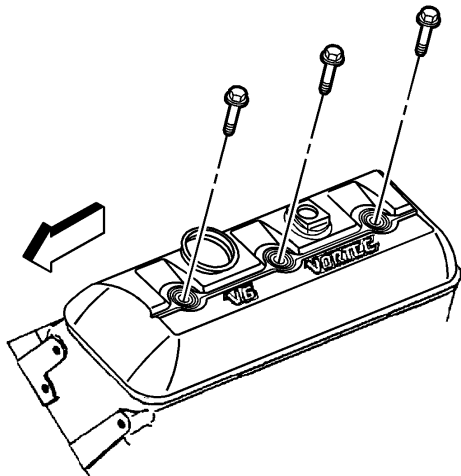
**Important**

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.



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

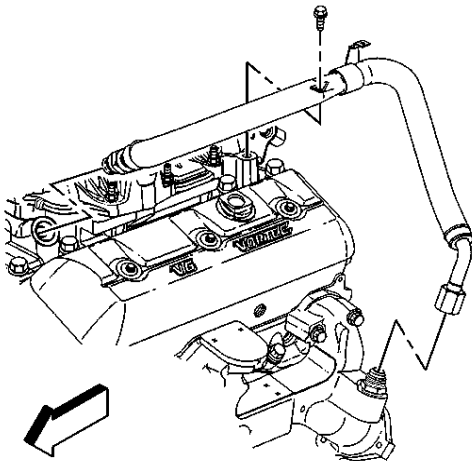


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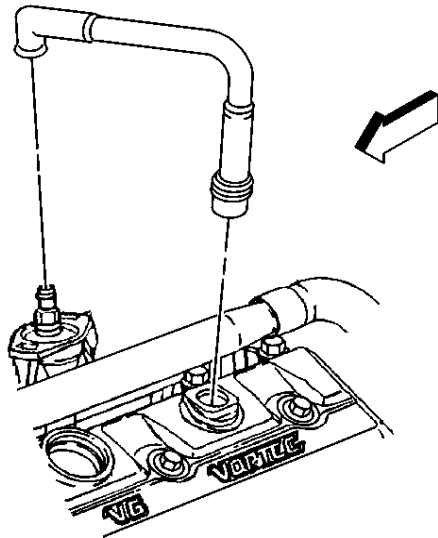
Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Fasteners requiring replacement or fasteners requiring the use of thread locking compound or sealant are identified in the service procedure. Do not use paints, lubricants, or corrosion inhibitors on fasteners or fastener joint surfaces unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct tightening sequence and specifications when installing fasteners in order to avoid damage to parts and systems.

4. Install the valve rocker arm cover bolts. **Tighten**

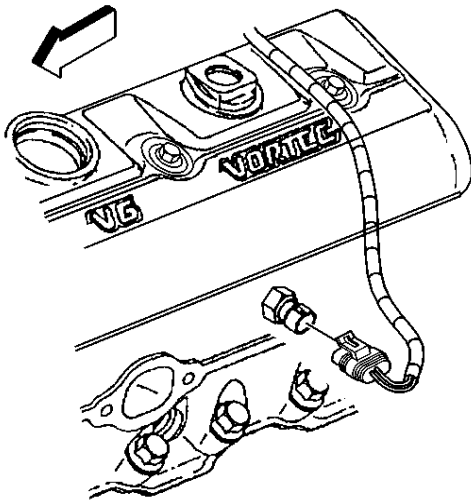
Tighten the valve rocker arm cover bolts to 12 N·m (106 lb in).



5. Install the EGR valve inlet pipe to the intake manifold and the exhaust manifold. **Tighten**
 - a. Tighten the EGR valve inlet pipe intake manifold nut to 25 N·m (18 lb ft).
 - b. Tighten the EGR valve inlet pipe exhaust manifold nut to 30 N·m (22 lb ft).
 - c. Tighten the EGR valve inlet pipe clamp bolt 25 N·m (18 lb ft).
6. Install the spark plug wire harness retainer on the EGR valve inlet pipe.



7. Install the radiator inlet hose to the water outlet housing. Refer to [Radiator Hose Replacement - Inlet](#) in Engine Cooling.
8. Fill the cooling system. Refer to [Draining and Filling Cooling System](#) in Engine Cooling.
9. Install the PCV valve hose assembly to the valve rocker arm cover.

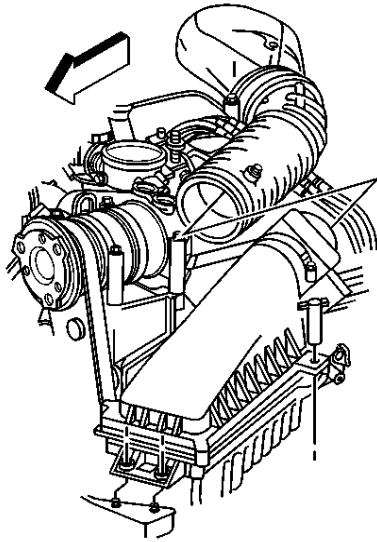


10. Connect the ECT sensor electrical connector.

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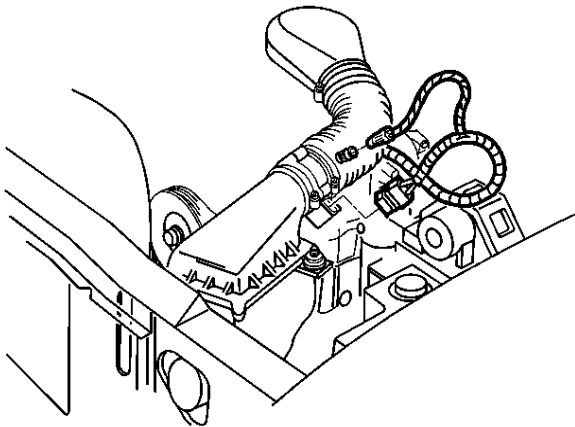
- Handle the MAF sensor carefully.
- Do not drop the MAF sensor in order to prevent damage to the MAF sensor.
- Do not damage the screen located on the air inlet end of the MAF.
- Do not touch the sensing elements.

- Do not allow solvents and lubricants to come in contact with the sensing elements.
- Use a small amount of a soap based solution in order to aid in the installation.

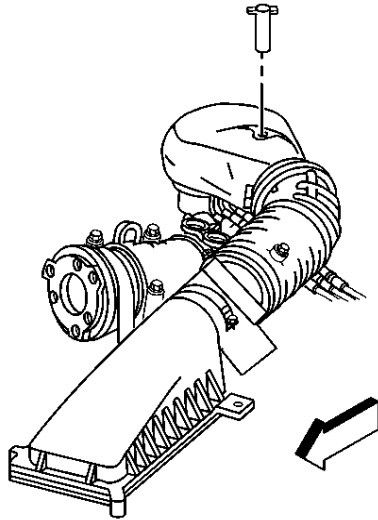


11. Install air cleaner outlet duct to throttle body.
12. Install air cleaner outlet duct to MAF sensor. **Tighten**

Tighten the hose clamp to 4 N·m (32 lb in).

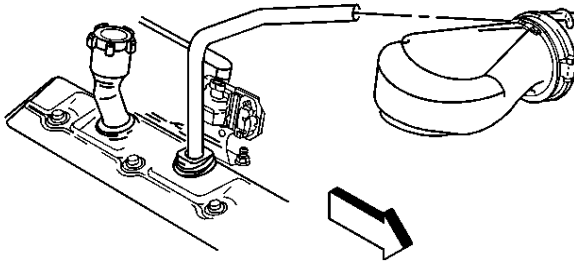


13. Connect the IAT sensor harness connector.



14. Install the air cleaner outlet duct retaining wingnut. **Tighten**

Tighten the wingnut to 2 N·m (18 lb in).



15. Connect the breather tube to the air cleaner outlet duct.

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