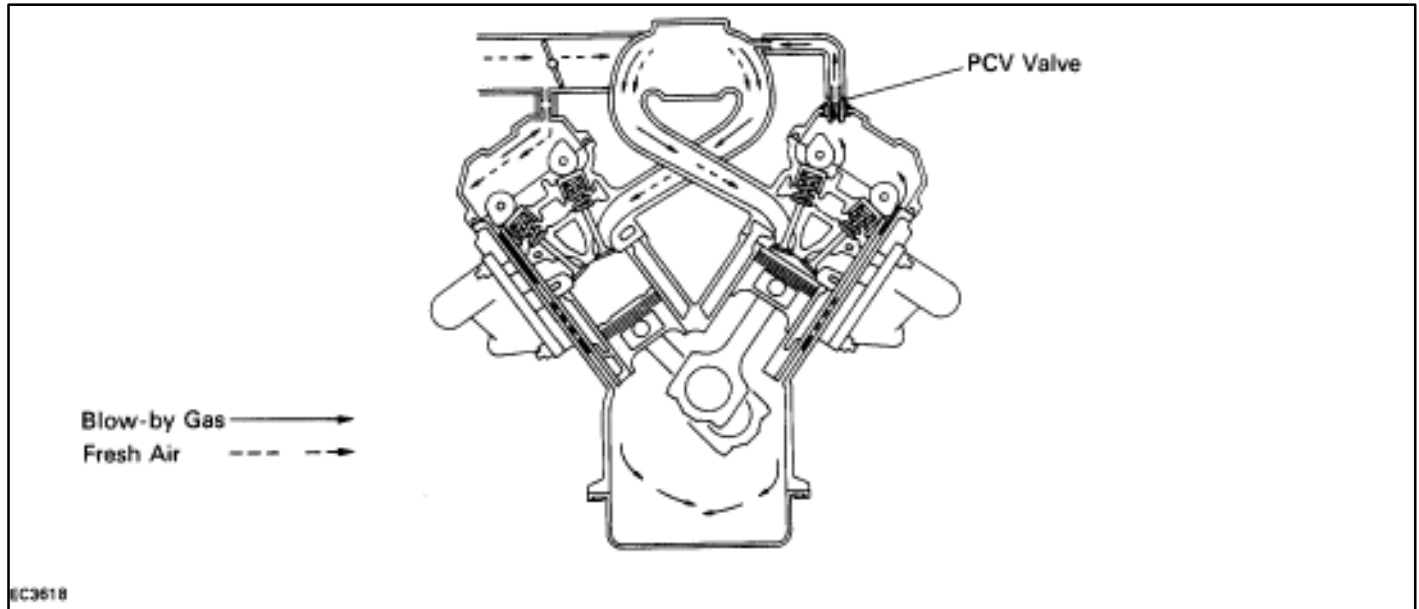






POSITIVE CRANKCASE VENTILATION (PCV) SYSTEM

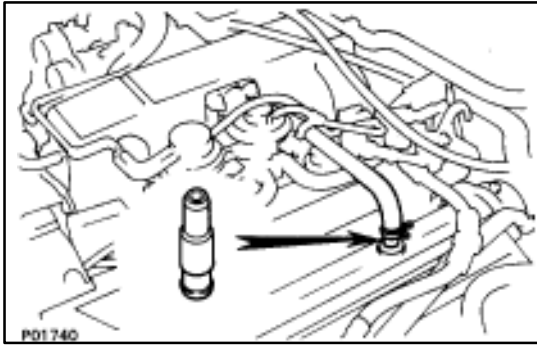
DESCRIPTION

To reduce HC emission, crankcase blow-by gas (HC) is routed through the PCV valve to the air intake chamber for combustion in the cylinders.

OPERATION



<p>Engine not Running or Backfiring</p> <p>Intake Manifold Side</p>  <p>○ PCV VALVE IS CLOSED.</p> <p>Cylinder Head Side</p> <p>EC1007</p>	<p>Idling or Decelerating</p>  <p>○ PCV VALVE IS OPEN. ○ VACUUM PASSAGE IS SMALL.</p> <p>EC1009</p>
<p>Normal Operation</p>  <p>○ PCV VALVE IS OPEN. ○ VACUUM PASSAGE IS LARGE.</p> <p>EC1008</p>	<p>Acceleration or Heavy Load</p>  <p>○ PCV VALVE IS FULLY OPEN.</p> <p>EC1010</p>

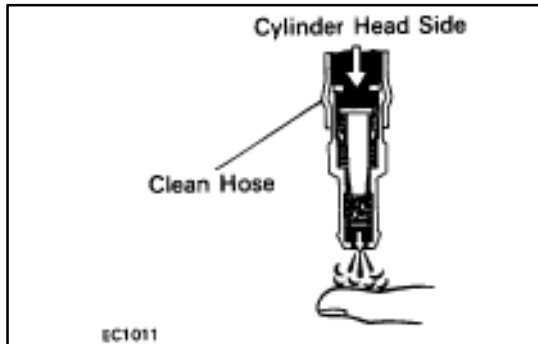


INSPECTION OF PCV VALVE

1. REMOVE PCV VALVE

- (a) Disconnect the PCV hose from the PCV valve.
- (b) Remove the PCV valve.

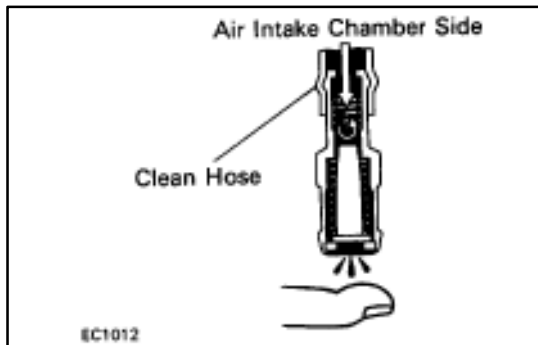
2. INSTALL CLEAN HOSE TO PCV VALVE



3. INSPECT PCV VALVE OPERATION

- (a) Blow air into the cylinder head side, and check that air passes through easily.

CAUTION: Do not suck air through the valve. Petroleum substances inside the valve are harmful.

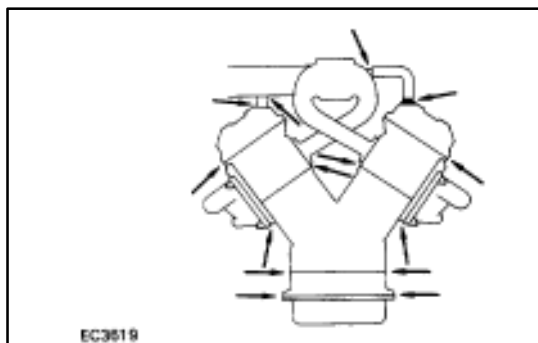


- (b) Blow air into the air intake chamber side, and check that air passes through with difficulty.

If operation is not as specified, replace the PCV valve.

4. REMOVE CLEAN HOSE FROM PCV VALVE

5. REINSTALL PCV VALVE



INSPECTION OF PCV HOSE AND CONNECTIONS

VISUALLY INSPECT HOSE, CONNECTIONS AND GASKETS

Check for cracks, leaks or damage.