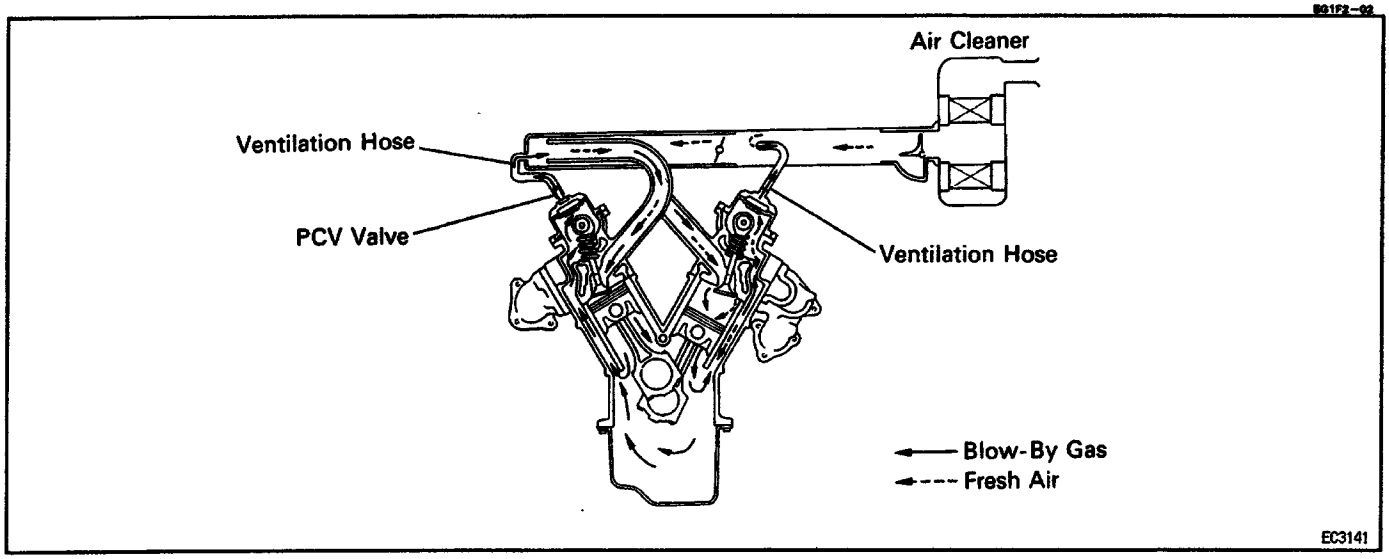
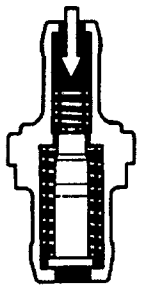
POSITIVE CRANKCASE VENTILATION (PCV) SYSTEM

DESCRIPTION

To reduce HC emission, crankcase blow–by gas is routed through the PCV valve to the air intake manifold for combustion in the cylinders.



Engine not Running or if Backfiring Intake Manifold Side

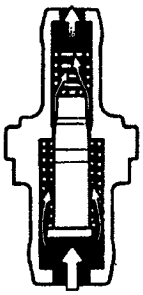


0 PCV VALVE IS CLOSED.

Cylinder Head Side

P06707

Normal Operation



O PCV VALVE IS OPEN.
O VACUUM PASSAGE IS LARGE.

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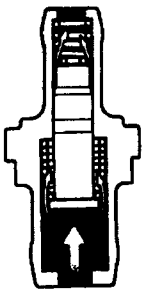
Idling or Decelerating



O PCV VALVE IS OPEN.
O VACUUM PASSAGE IS SMALL.

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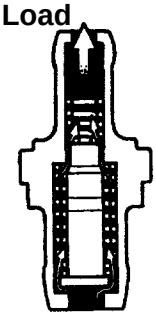
Acceleration or High Load



O PCV VALVE IS FULLY OPEN.

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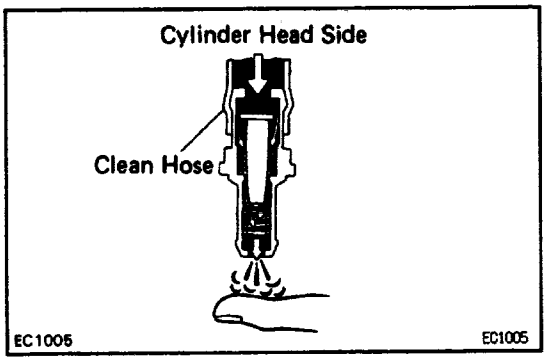


PCV VALVE INSPECTION

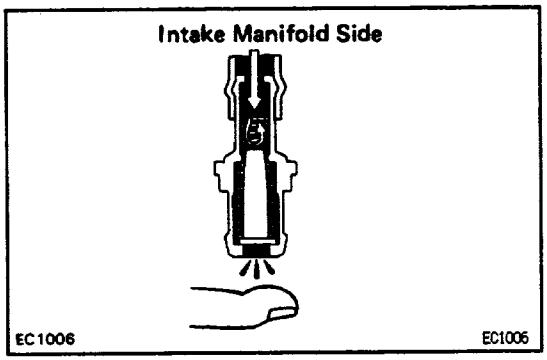
1. REMOVE PCV VALVE

2. ATTACH CLEAN HOSE TO PCV VALVE

3. BLOW AIR FROM CYLINDER HEAD SIDE

Check that air passes through easily.

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

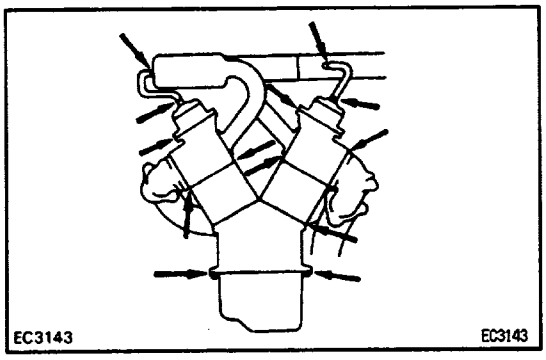


4. BLOW AIR FROM INTAKE MANIFOLD SIDE

Check that air passes through with difficulty.

If the PCV valve fails either check or replace it.

5. REINSTALL PCV VALVE



PCV HOSES AND CONNECTIONS INSPECTION

VISUALLY INSPECT HOSES, CONNECTIONS AND GASKETS

Check for cracks, leaks or damage.