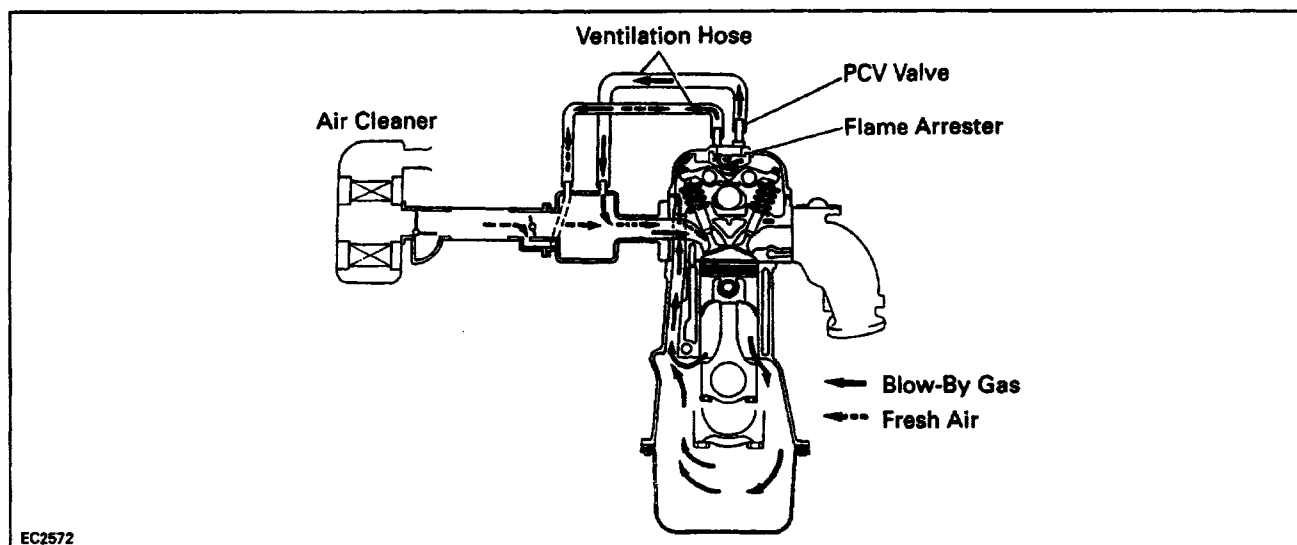


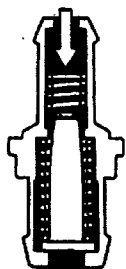
POSITIVE CRANKCASE VENTILATION (PCV) SYSTEM



EC2572

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

Engine not Running or Backfiring
Intake Manifold Side

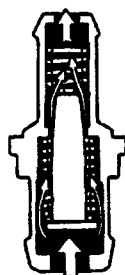


O PC VALVE IS CLOSED.

Cylinder Head Side

EC1001

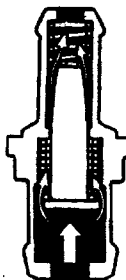
Normal Operation



O PC VALVE IS OPEN.
VACUUM PASSAGE IS
LARGE.

EC1002

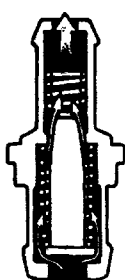
Idling or Decelerating



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

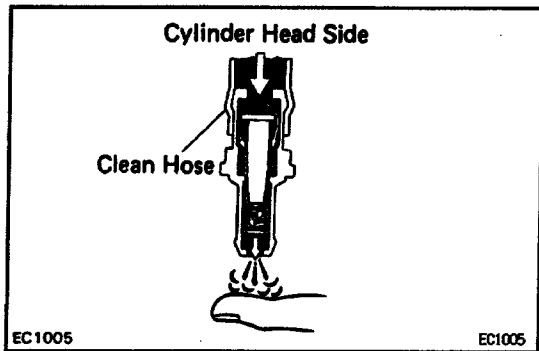
EC1003

Acceleration or Heavy Load



O PC VALVE IS FULLY
OPEN.

EC1004



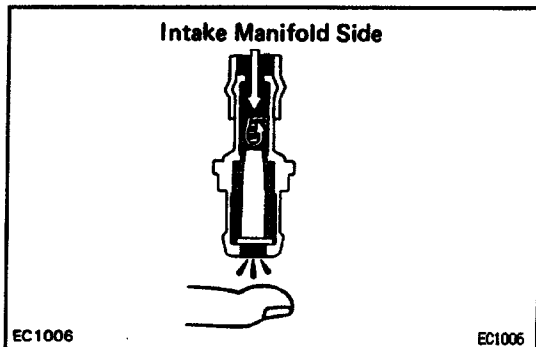
PCV VALVE INSPECTION

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.

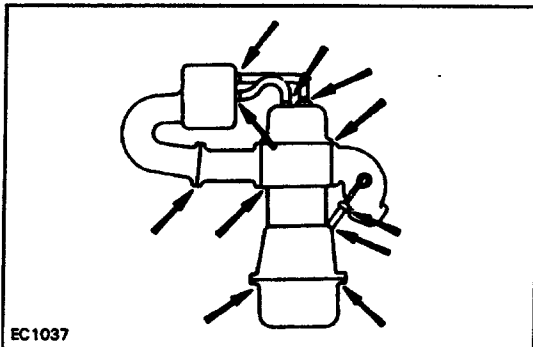
Petroleum substances inside the valve are harmful.



4. BLOW AIR FROM INTAKE MANIFOLD SIDE

Check that air passes through with difficulty. If the PCV valve fails either check, replace it.

5. REINSTALL PCV VALVE



PCV HOSES AND CONNECTIONS INSPECTION

VISUALLY INSPECT HOSES, CONNECTIONS AND GASKETS

Check for cracks, leaks or damage.