

GROUP 17

ENGINE AND
EMISSION
CONTROL

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EMISSION CONTROL

GENERAL DESCRIPTION

OUTLINE OF CHANGE

In accordance with the change in the positive crankcase ventilation valve, the following service procedure is available. The others are the same as 4G69-MIVEC engine described in GALANT Service Manual (published No. MSSP-009B-2007).

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Then, the evaporative emission ventilation solenoid is not controlled by the PCM, being always in OFF position.

POSITIVE CRANKCASE VENTILATION SYSTEM

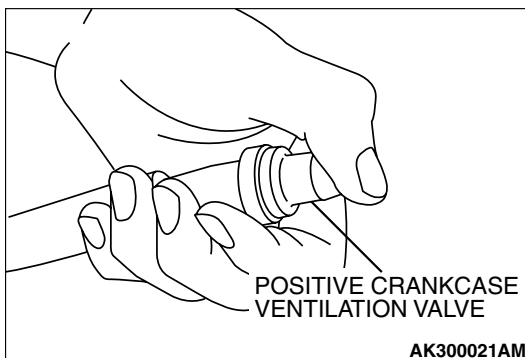
POSITIVE CRANKCASE VENTILATION SYSTEM CHECK

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1. Remove the positive crankcase ventilation (PCV) valve from the rocker cover, then reconnect the PCV valve to the vacuum supply hose.
2. With the engine idling, put your finger on the open end of the PCV valve, and check for negative pressure (vacuum).

NOTE: At this time, the plunger in the PCV valve should move back and forth as the open end is covered and uncovered.

3. If negative pressure is not felt, clean or replace the PCV valve. Inspect the vacuum supply hose and vacuum supply hose port for restriction or plugged condition.



POSITIVE CRANKCASE VENTILATION VALVE CHECK

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1. Hold the positive crankcase ventilation (PCV) valve with the vacuum side down. Insert a thin rod, and using light pressure, depress the end of the PCV valve spring by 5 – 10 mm (0.2 – 0.3 inch). Release pressure on the rod to see if the PCV valve spring will lift the rod to its original position.
2. If the rod returns quickly to its original position, the PCV valve is OK. If the stick does not return quickly, clean or replace the PCV valve.

