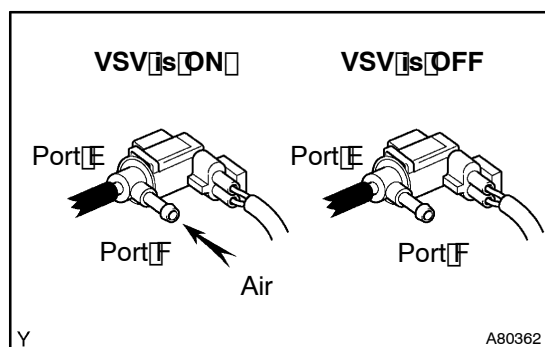


INSPECTION PROCEDURE

HINT:

Read freeze frame data using the Intelligent Tester II. Freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, freeze frame data can help determine if the vehicle was running or stopped, if the engine was warmed up or not, if the air-fuel ratio was lean or rich, and other data from the time the malfunction occurred.

1 PERFORM ACTIVE TEST (EVAP VSV)



- Disconnect the hose from the port F of the EVAP VSV.
- Connect the Intelligent Tester II to the DLC3.
- Start the engine.
- Select the item Enter Diagnosis OBD-MOBD Power train Engine and ECT Active Test EVAP VSV and switch the EVAP VSV (ON/OFF).
- Switch the EVAP VSV and check air flow at the port F.

Standard:

There is air flow at the port F while EVAP VSV is ON.

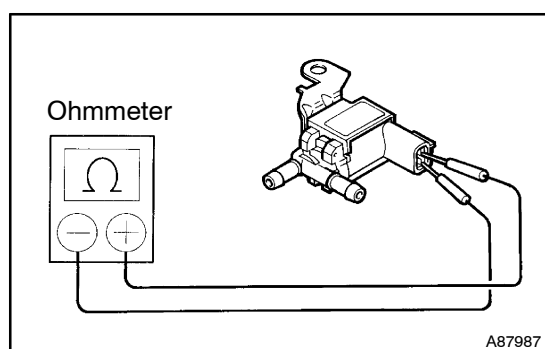
There is no air flow at the port F while EVAP VSV is OFF.

OK

CHECK FOR INTERMITTENT PROBLEMS
(See page 05-11)

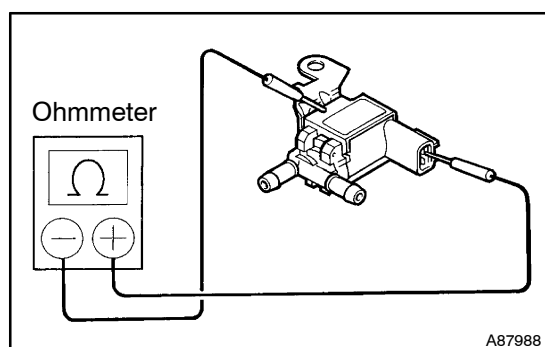
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2 INSPECT EVAP VSV



- Remove the EVAP VSV.
- Measure the resistance between the terminals.

Standard: 30 to 34 Ω at 20°C (68°F)



- Measure the resistance between the terminals and the body.

Standard: 1 M Ω or more

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REPLACE DUTY VACUUM SWITCHING VALVE (EVAP VSV)

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (EVAP VSV - ECM)