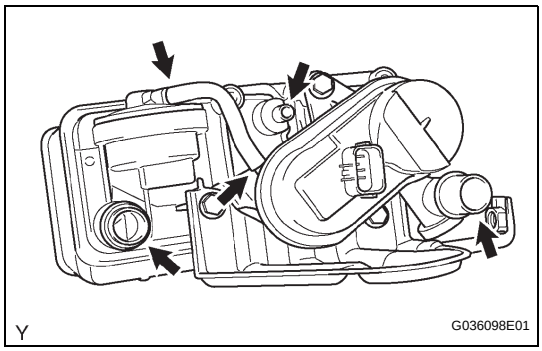
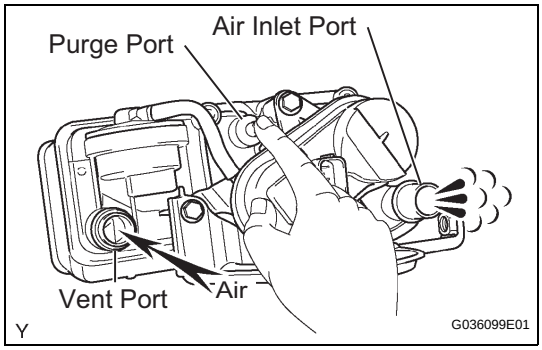


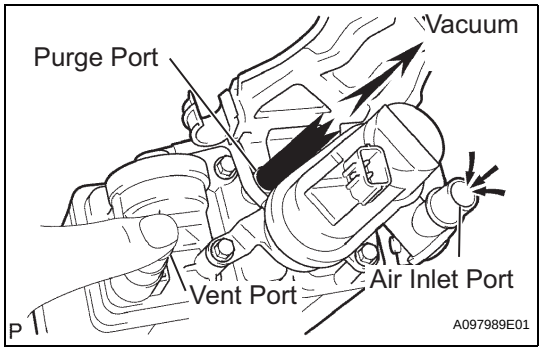
INSPECTION

1. INSPECT CHARCOAL CANISTER ASSEMBLY

(a) Visually check the charcoal canister for cracks and damage.
If cracks and damage are found, replace the charcoal canister assy.

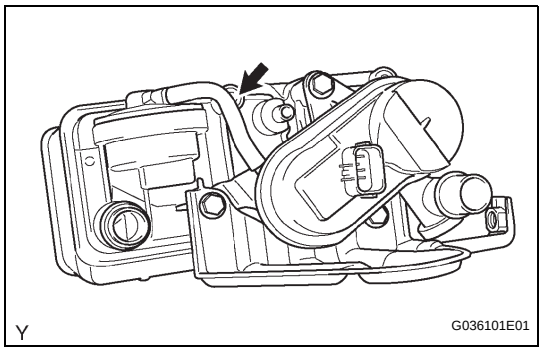


(b) Check the charcoal canister operation.
(1) While holding the purge port closed, blow air of 1.67 kPa (17.0 gf/cm^2, 0.24 psi) into the vent port, and check that the air flows from the air inlet port.
If the result is not as specified, replace the charcoal canister assy.

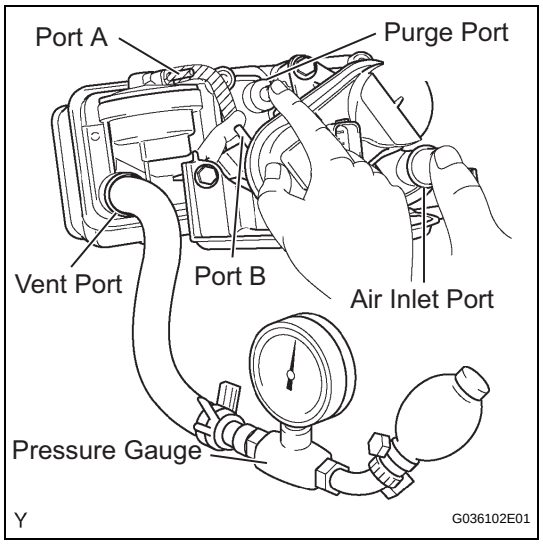


(2) While holding the vent port closed, apply a vacuum of 1.10 kPa (8.3 mmHg, 0.32 in.Hg) into the purge port, and check that the air flows from the air inlet port.
If the result is not as specified, replace the charcoal canister assy.

EC



(c) Check for air leakage.
(1) Remove the air hose between ports A and B.



(2) Connect the pressure gauge to the vent port of the charcoal canister.
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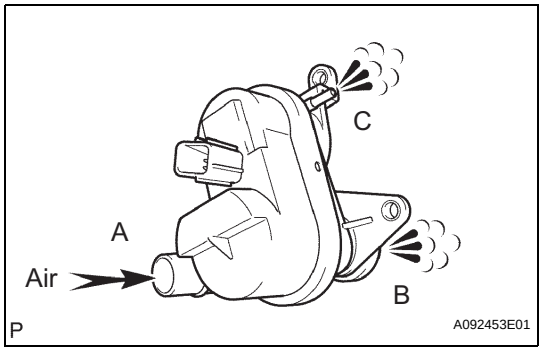
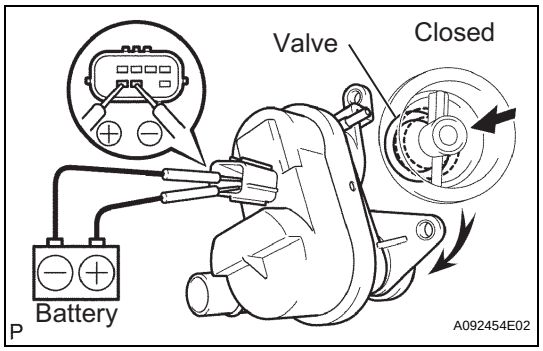
(3) While holding port B, the purge port and air inlet port closed and port A open, apply pressurized air of 19.6 kPa (0.2 kgf/cm^2, 2.81 psi) into the vent port. Then confirm that the pressure is retained.
If the result is not as specified, replace the charcoal canister assy.



(d) Check the leak detection pump.

(1) Check that air flows from port A to ports B and C.
If the result is not as specified, replace the charcoal canister (pump module).



(2) Apply battery positive voltage across the terminals.

(3) Check that the valve is closed.
If the result is not as specified, replace the charcoal canister (pump module).

EC