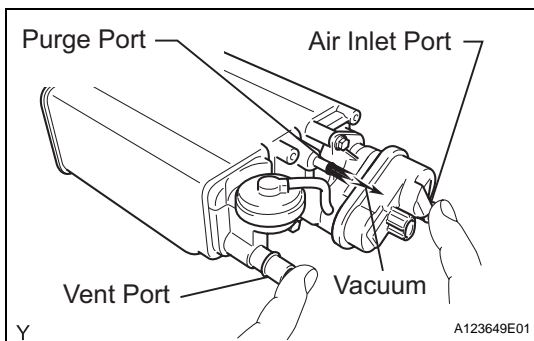
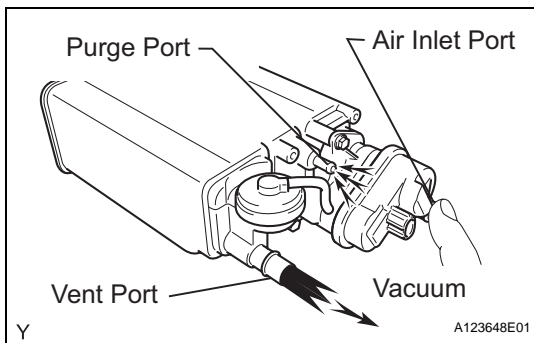
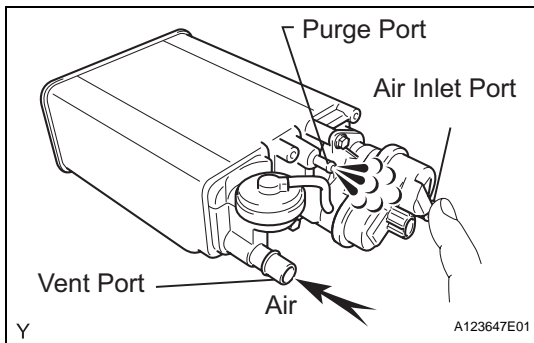
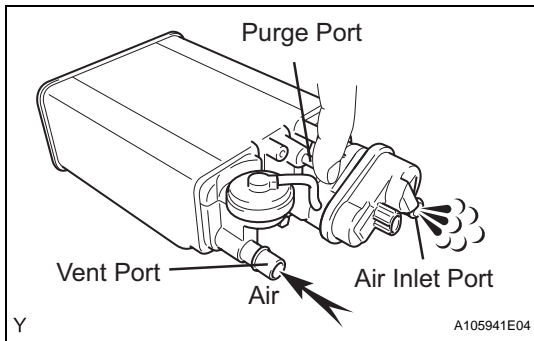
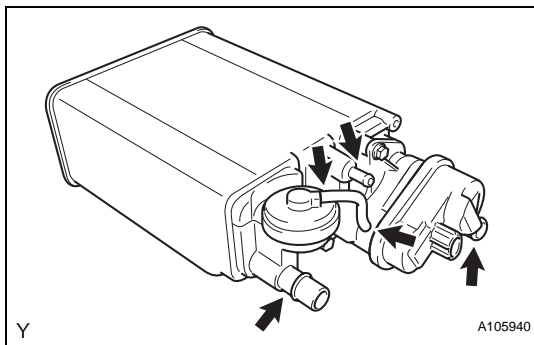


INSPECTION

1. INSPECT CANISTER

- (a) Visually check the canister for cracks or damage.
If cracks or damage is found, replace the canister.



- (b) Check the canister operation.

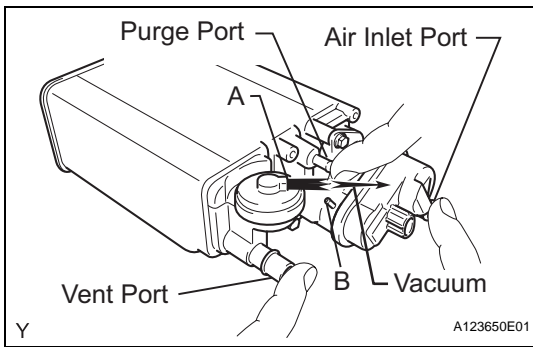
- (1) While holding the purge port closed, blow air 0.39 kPa (4.0 kgf/cm², 3 mmHg) into the vent port, and check that air flows from the air inlet port.
If the result is not as specified, replace the canister.

- (2) While holding the air inlet port closed, blow air 0.39 kPa (4.0 kgf/cm², 3 mmHg) into the vent port, and check that air flows from the purge port.
If the result is not as specified, replace the canister.

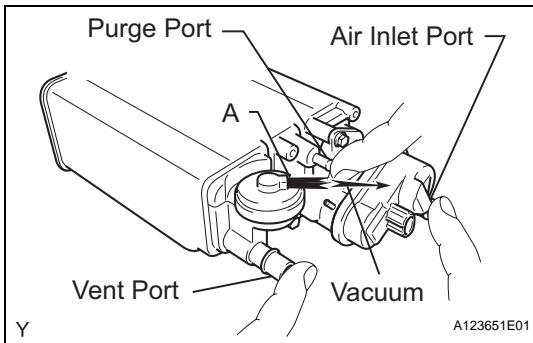
- (3) While holding the air inlet port closed, apply vacuum 3.43 kPa (35.0 kgf/cm², 25.7 mmHg) to the vent port, and check that air is sucked into the purge port.
If the result is not as specified, replace the canister.

- (c) Check the airtightness.

- (1) While holding the vent and air inlet ports closed, apply vacuum 3.43 kPa (35.0 kgf/cm², 25.7 mmHg) to the purge port, and check that the vacuum is maintained for 1 minute.
If the result is not as specified, replace the canister.



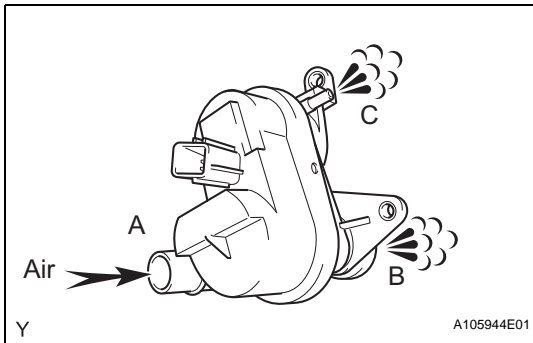
- (d) Check the diaphragm.
- (1) Remove the air hose between ports A and B.
 - (2) While holding the vent, purge and air inlet ports closed, apply vacuum 1.42 kPa (14.5 kgf/cm², 10.6 mmHg) to port A, and check that air is not sucked into port B.



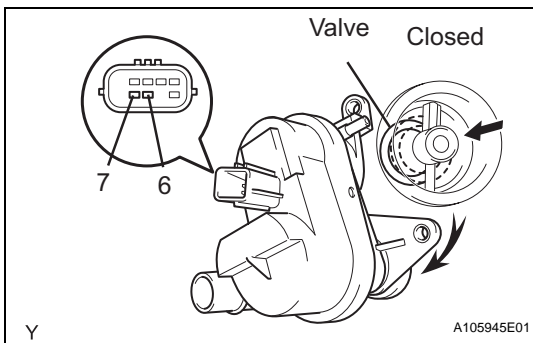
- (3) While holding the vent, purge and air inlet ports closed, apply vacuum 1.42 kPa (14.5 kgf/cm², 10.6 mmHg) to port A, and measure how long it takes for the vacuum to drop.

Vacuum drop time:**10 seconds or more**

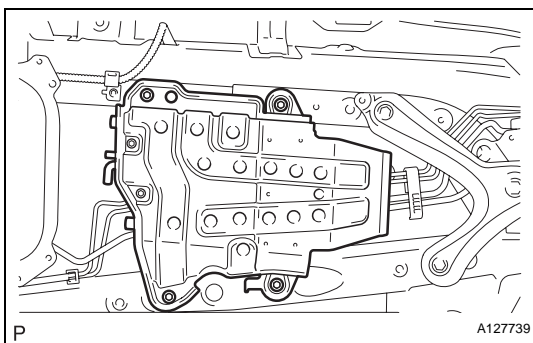
If the result is not as specified, replace the canister.



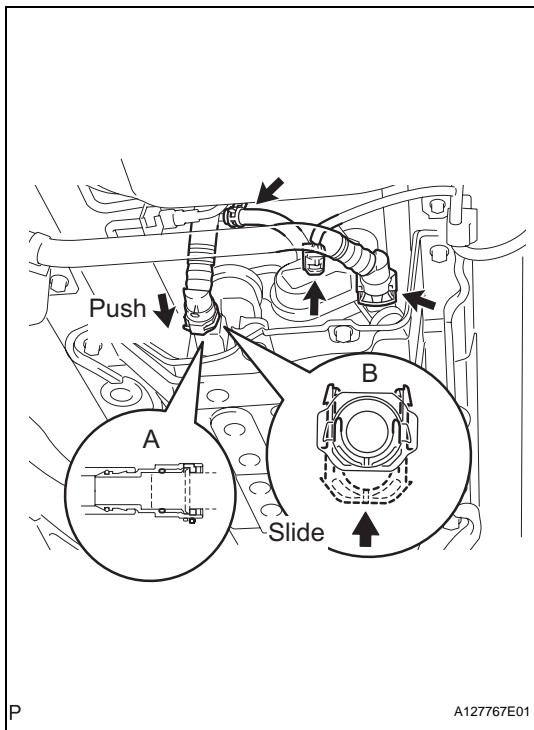
- (e) Check the leak detection pump.
- (1) Check that air flows from port A to port B and C.
If the result is not as specified, replace the canister.



- (2) Connect the positive (+) lead of the battery to terminal 7 and the negative (-) lead to terminal 6.
- (3) Check that the valve closes.
If the result is not as specified, replace the canister.
- (4) Install the canister pump module.

**INSTALLATION****1. INSTALL CANISTER**

- (a) Install the canister with the 4 bolts and clip.
Torque: 20 N*m (204 kgf*cm, 15 ft.*lbf)
- (b) Connect the air inlet line tube to the canister (leak detection pump).



- (c) Install the vent line tube.
- (1) Connect the pipe to the fuel tube connector, as shown in A in the illustration. Then push up the retainer to lock the claws, as shown in B in the illustration.

NOTICE:

- Check that there are no scratches or foreign objects around the connected part of the fuel tube connector and pipe before performing this work.
- After connecting the fuel tank vent line tube, check that the fuel tank vent line tube is securely connected by pulling the fuel tube connector and pipe.

- (d) Connect the purge line hose.

HINT:

Install the hose to the canister, and then attach the retainer.

- (e) Connect the connector to the canister (leak detection pump).

2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL