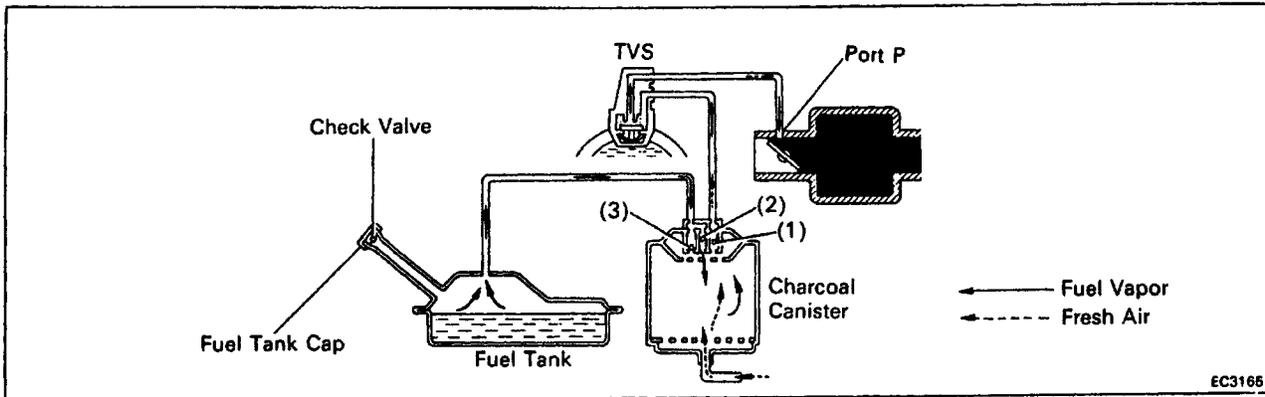


FUEL EVAPORATIVE SYSTEM (EVAP)

EC008-03

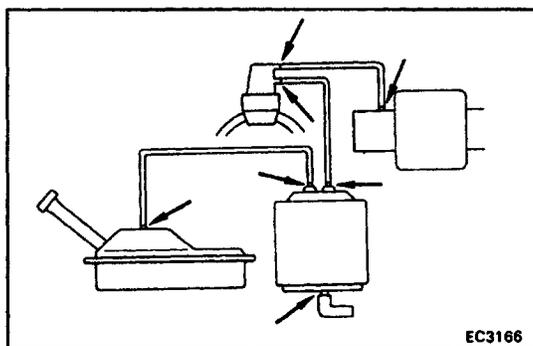


EC3165

To reduce HC emission, evaporated fuel from the fuel tank is routed through the charcoal canister to the intake manifold for combustion in the cylinders.

Coolant Temp.	TVS	Throttle Valve Opening	Canister Check Valve			Check Valve in Cap	Evaporated Fuel (HC)
			(1)	(2)	(3)		
Below 35°C (95°F)	CLOSED	-	-	-	-	-	HC from tank is absorbed into the canister.
Above 54°C (129°F)	OPEN	Positioned below port P	CLOSED	-	-	-	
		Positioned above port P	OPEN	-	-	-	HC from canister is led into air intake manifold.
High pressure in tank	-	-	-	OPEN	CLOSED	CLOSED	HC from tank is absorbed into the canister.
High vacuum in tank	-	-	-	CLOSED	OPEN	OPEN	Air is led into the fuel tank.

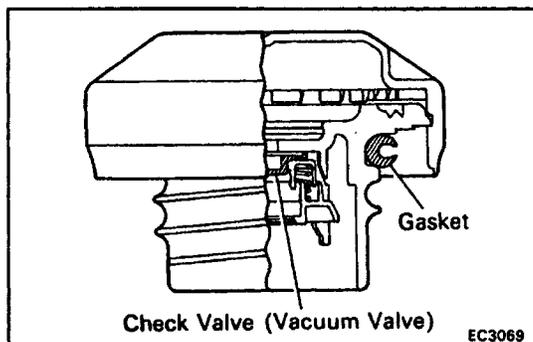
W01044



EC3166

FUEL VAPOR LINES, FUEL TANK AND TANK CAP INSPECTION

- 1. VISUALLY INSPECT LINES AND CONNECTIONS**
Look for loosen connections, sharp bends or damage.
- 2. VISUALLY INSPECT FUEL TANK**
Look for deformation, cracks or fuel leakage.

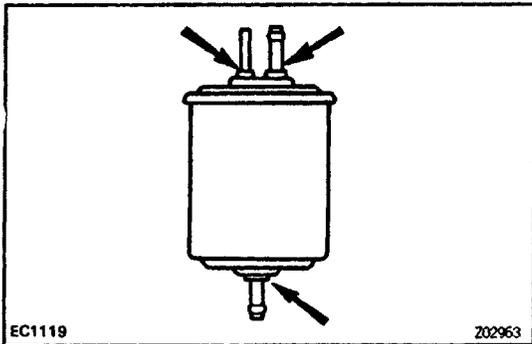


EC3069

3. VISUALLY INSPECT FUEL TANK CAP

Check if the cap and/or gasket are deformed or damaged.
If necessary, repair or replace the cap.

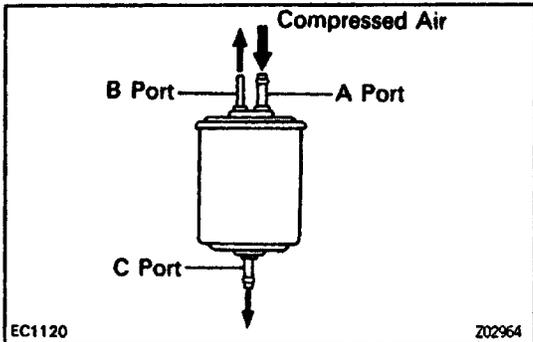
EC004-03



CHARCOAL CANISTER INSPECTION ^{8011Y-01}

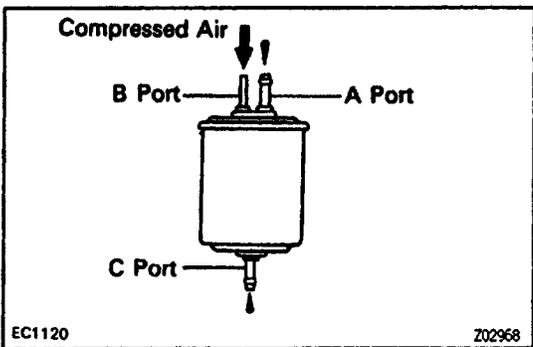
1. REMOVE CHARCOAL CANISTER
2. REMOVE CAP FROM CHARCOAL CANISTER
3. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.



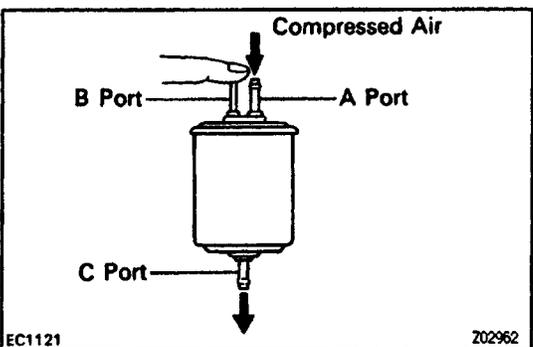
4. INSPECT FOR CLOGGED FILTER AND STUCK CHECK VALVE

- (a) Using low pressure compressed air, blow into port A and check that air flows without resistance from the other ports.



- (b) Blow into port B and check that air does not flow from the other ports.

If operation is not as specified, replace the charcoal canister.



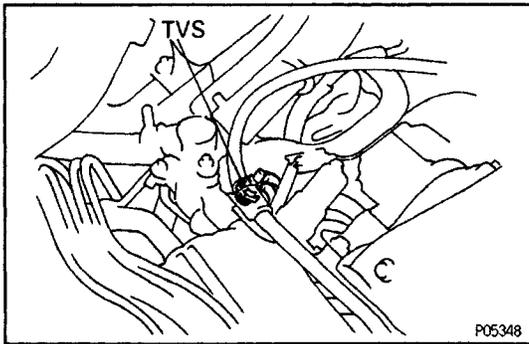
5. CLEAN FILTER IN CANISTER

Clean the filter by blowing 294 kPa (3 kgf/cm², 43 psi) of compressed air into port A while holding port B closed.

NOTICE:

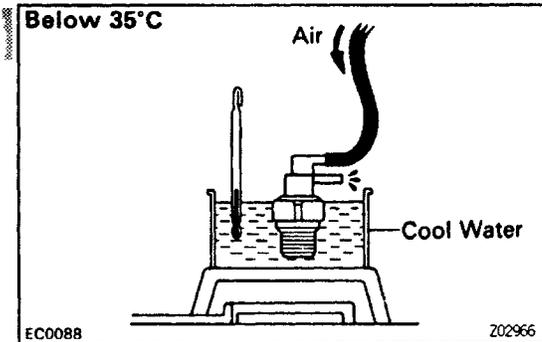
- Do not attempt to wash the canister.
- No activated carbon should come out.

6. REINSTALL CAP TO CHARCOAL CANISTER
7. REINSTALL CHARCOAL CANISTER



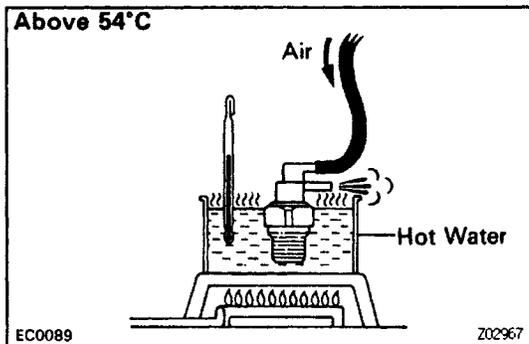
TVS INSPECTION

1. DRAIN ENGINE COOLANT
2. REMOVE TVS FROM WATER OUTLET



3. INSPECT TVS OPERATION

- (a) Cool the TVS to below 35°C (95°F) with cool water.
- (b) Check that air does not flow from the upper port to lower port.



- (c) Heat the TVS to above 54°C (129°F) with hot water.
- (d) Check that air flows from the upper port to lower port.
If operation is not as specified, replace the TVS.

4. REINSTALL TVS

Apply adhesive to two or three threads of the TVS, and install it.

Adhesive:

Part No. 08833-00070, THREE BOND 1324
or equivalent

Torque: 29 N-m (300 kgf-cm, 22 ft-lbf)

5. REFILL WITH ENGINE COOLANT