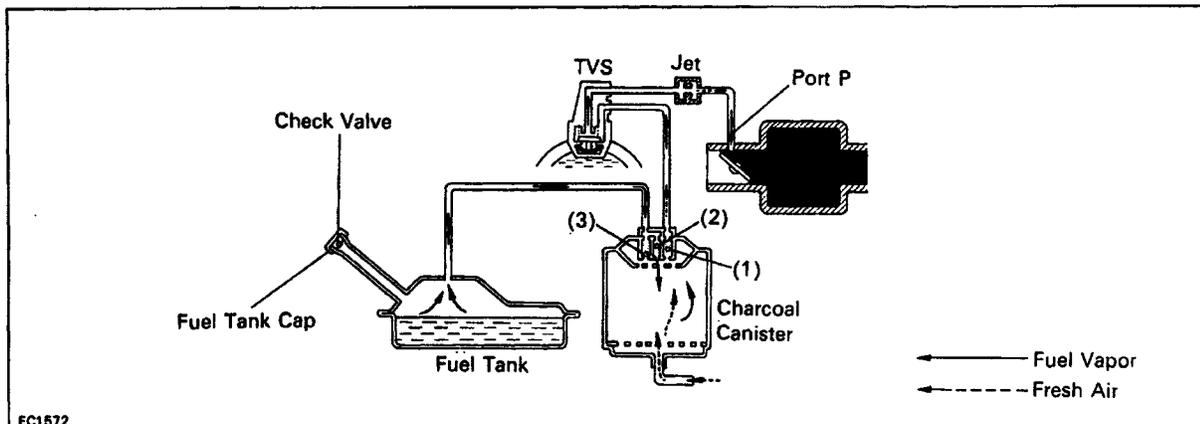


FUEL EVAPORATIVE SYSTEM (EVAP)

EG063-02

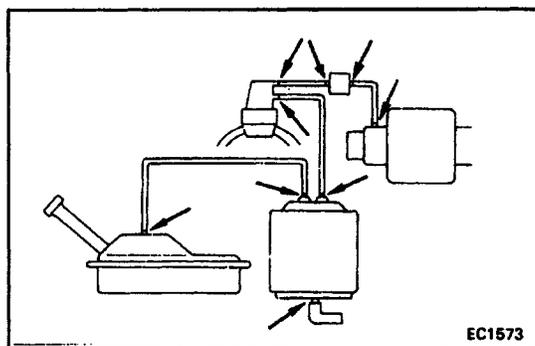


EC1572

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	-	-	-	HC from canister is led into air intake chamber.
		Positioned above port P	OPEN	-	-	-	
High pressure in tank	-	-	-	OPEN	CLOSED	CLOSED	HC from tank is absorbed into the canister.
High vacuum in take	-	-	-	CLOSED	OPEN	OPEN	Air is led into the fuel tank.

V00968



EC1573

FUEL VAPOR LINES, FUEL TANK AND TANK CAP INSPECTION

EG064-02

1. VISUALLY INSPECT LINES AND CONNECTIONS

Look for loosen connections, sharp bends or damage.

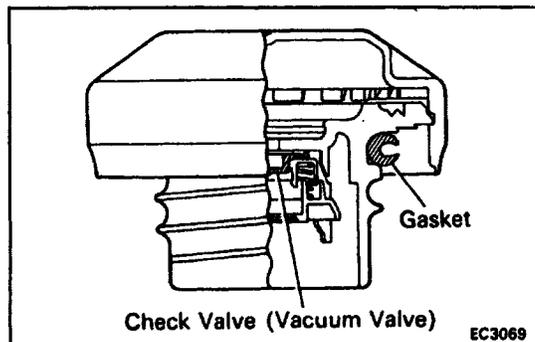
2. VISUALLY INSPECT FUEL TANK

Look for deformation, cracks or fuel leakage.

3. VISUALLY INSPECT FUEL TANK CAP

Check if the cap and /or gasket are deformed or damaged.

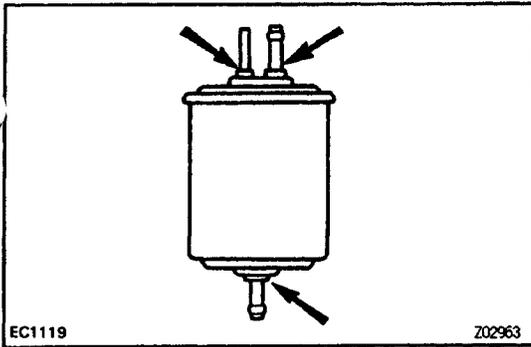
If necessary, repair or replace the cap.



Check Valve (Vacuum Valve)

EC3069

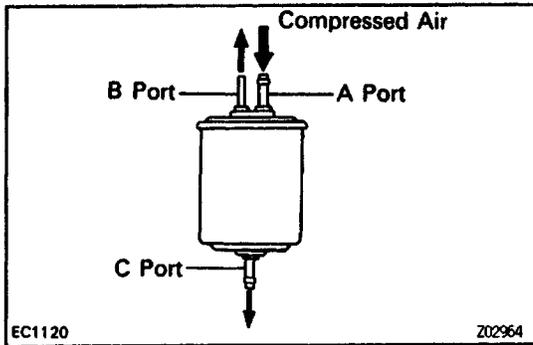
E00X8-01



CHARCOAL CANISTER INSPECTION

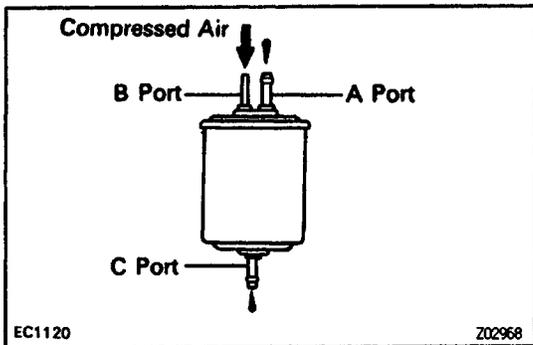
1. REMOVE CHARCOAL CANISTER
2. REMOVE CAP FROM CHARCOAL CANISTER
3. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.

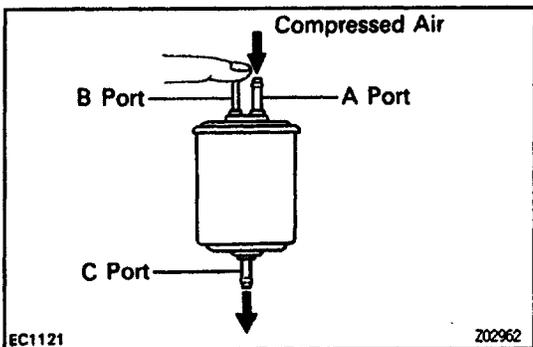


4. CHECK FOR CLOGGED FILTER AND STUCK CHECK VALVE

- (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.

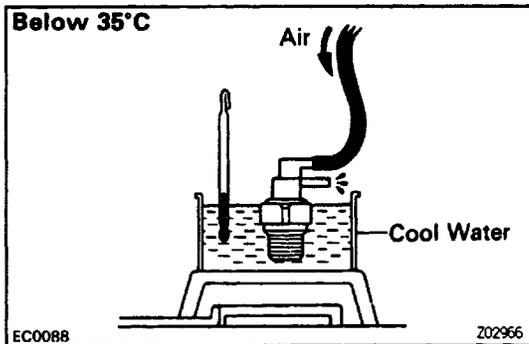
NOTICE:

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

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

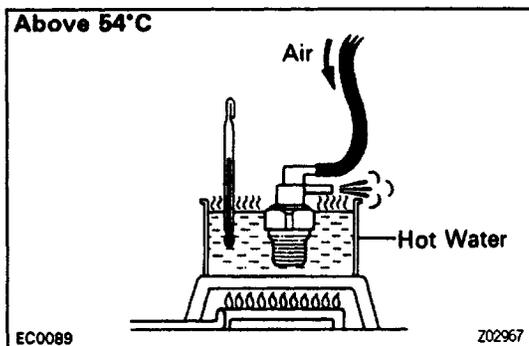
TVS INSPECTION

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

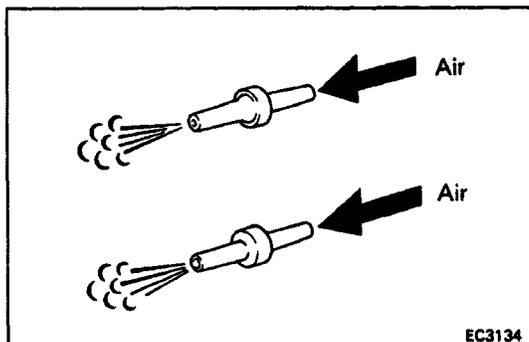
Apply adhesive to two or three threads of the TVS, and install it.

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



JET INSPECTION

1. REMOVE JET
2. INSPECT JET

Blow air from each side of the jet, and check for stoppage.

If operation is not as specified, replace the jet.

3. REINSTALL JET