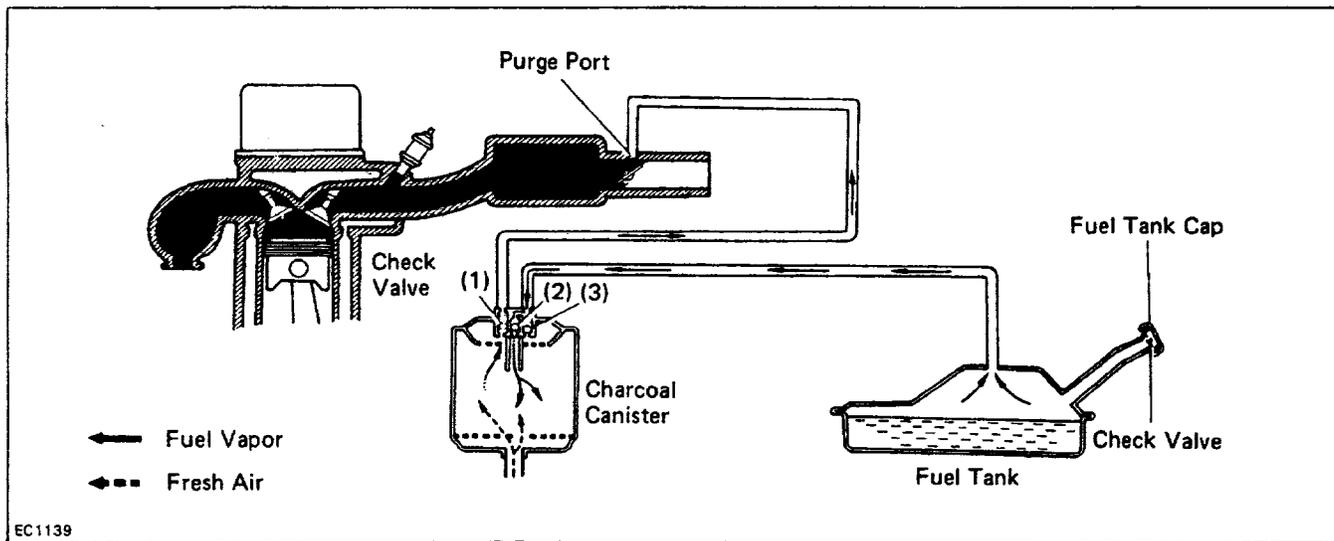


# EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM

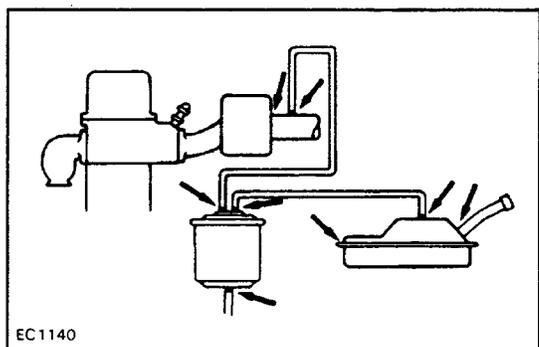
EG1WD-01



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

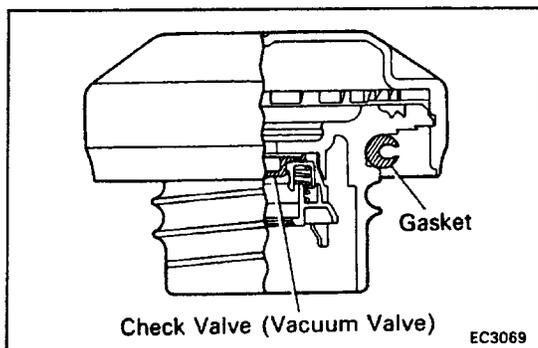
Throttle Valve Opening	Check Valve in Charcoal Canister			Check Valve in Fuel Tank Cap	Evaporated Fuel (HC)
	(1)	(2)	(3)		
Positioned below purge port	CLOSED	—			HC from tank is absorbed in the canister.
Positioned above purge port	OPEN		—		HC from canister is led into throttle body.
High pressure in tank		OPEN	CLOSED	CLOSED	HC from tank is absorbed in the canister.
High vacuum in tank	—	CLOSED	OPEN	OPEN	(Air is led into the tank.)

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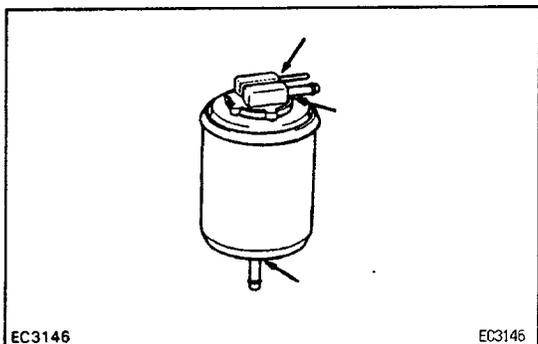
## INSPECTION OF FUEL VAPOR LINES, FUEL TANK AND TANK CAP

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



### 3. VISUALLY INSPECT FUEL TANK CAP

Look for a damaged or deformed gasket and cap. If necessary, repair or replace the cap.



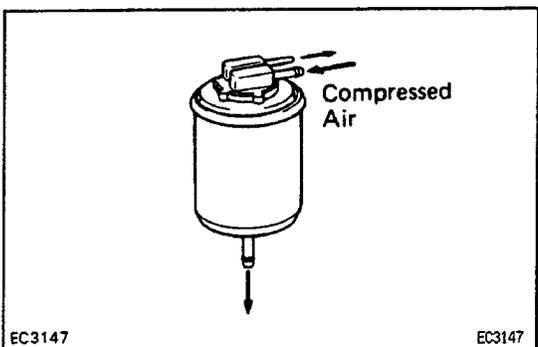
## CHARCOAL CANISTER INSPECTION

EG1WF-01

### 1. REMOVE CHARCOAL CANISTER

### 2. VISUALLY INSPECT CHARCOAL CANISTER CASE

Look for cracks or damage.

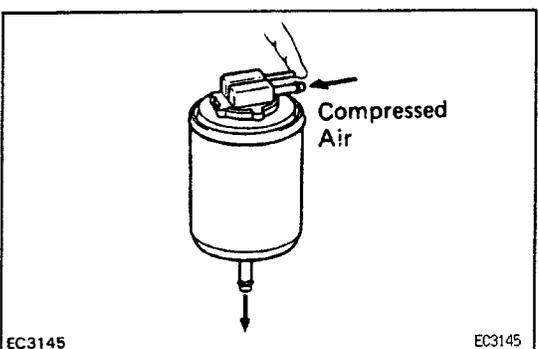


### 3. CHECK FOR CLOGGED FILTER AND STUCK CHECK VALVE

(a) Using low pressure compressed air, blow air into the tank pipe and check that the air flows without resistance from the other pipes.

(b) Blow into the purge pipe and check that the air does not flow from the other pipes.

If a problem is found, replace the charcoal canister.



### 4. CLEAN FILTER IN CANISTER

Clean the filter by blowing 294 kPa (3 kgf/cm<sup>2</sup>, 43psi) of compressed air into the tank pipe, while holding the purge pipe closed.

HINT:

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

### 5. INSTALL CHARCOAL CANISTER