EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM

INSPECTION

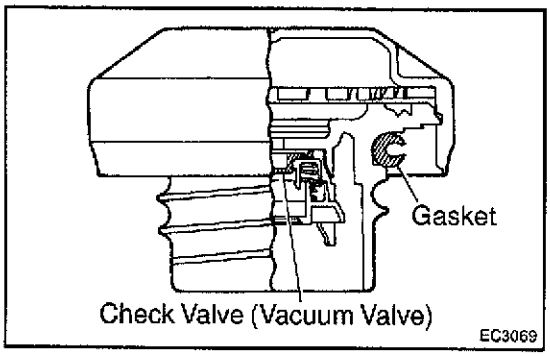
EC03O–01

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

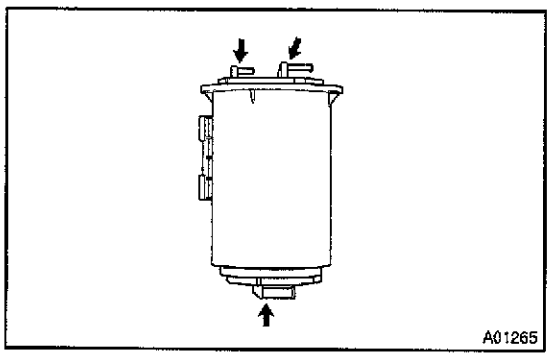
Check if the cap and/or gasket are deformed or damaged.

If necessary, repair or replace the cap.

4. 1RZ–FE:, 2RZ–FE:, 3RZ–FE: REMOVE CHARCOAL CANISTER

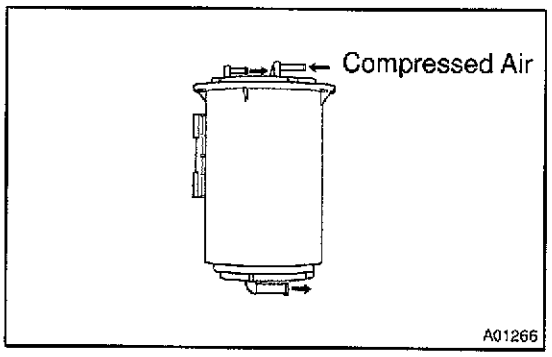
5. 2RZ–FE:, 3RZ–FE: REMOVE VSV

EC



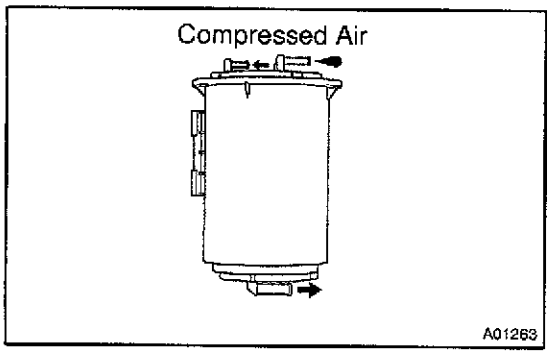
6. VISUALLY INSPECT CHARCOAL CANISTER

Look for cracks or damage.



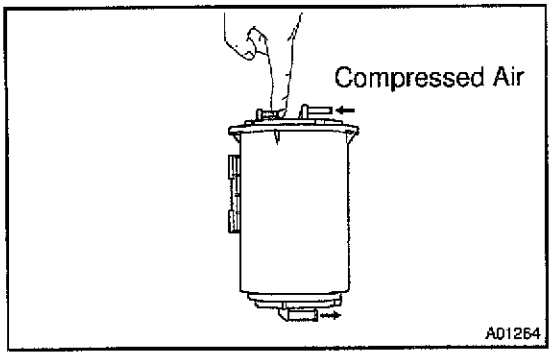
7. CHECK FOR CLOGGED FILTER, AND STUCK CHECK VALVE AND DIAPHRAGM

(a) Using low pressure compressed air (6.66 kPa, 68 gf/cm^2, 0.97 psi), blow into tank pipe and check that air flows without resistance from the other pipes.



(b) Blow air (6.66 kPa, 68 gf/cm^2, 0.97 psi) into purge pipe and check that air does not flow from the tank pipe and air flows without resistance from the other pipe.

If a problem is found, replace the charcoal canister.



8. CLEAN FILTER CANISTER

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

NOTICE:

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

9. 2RZ–FE:, 3RZ–FE:
REINSTALL VSV

10. 1RZ–E:, 2RZ–FE:, 3RZ–FE:
REINSTALL CHARCOAL CANISTER

EC