

EVAPORATIVE EMISSION (EVAP) CONTROL SYSTEM OPERATION [ZJ, Z6, LF]

B3E011600116T11

- When the engine is stopped, evaporative gas in the fuel tank flows out when the pressure increases and is absorbed by the charcoal canister.
- Evaporative gas that was absorbed by the charcoal canister passes through the solenoid valve together with air introduced from the charcoal canister orifice when the engine is running, and is fed to the engine according to engine operation conditions.
- If the pressure in the fuel tank decreases, air is introduced from the charcoal canister orifice through the rollover valve. If the charcoal canister orifice is clogged, the fuel-filler cap negative pressure valve opens and air is introduced to the fuel tank to prevent increased vacuum in the fuel tank, causing a load on the fuel tank.
- If there is a malfunction in the rollover valve, the fuel-filler cap positive pressure valve opens and evaporative gas is released into the atmosphere to prevent increased pressure in the fuel tank, causing a load on it.