

Fuel System Trouble in General

FUEL INJECTION (FUEL SYSTEMS)

36. Fuel System Trouble in General

A: INSPECTION

| Trouble | Possible cause | Corrective action |
|---|--|---|
| Insufficient fuel supply to fuel injector | a. Fuel pump does not operate. | |
| | ○ Defective terminal contact | Inspect contact, especially ground, and tighten it securely. |
| | ○ Trouble in electromagnetic or electronic circuit parts | Replace the faulty parts. |
| | b. Decline of fuel pump function | Replace the fuel pump. |
| | c. Clogged fuel filter | Replace the fuel filter. Clean or replace the fuel tank if necessary. |
| | d. Clogged or bent fuel line pipe, hose or tube | Clean, correct or replace the fuel line pipe, hose or tube. |
| | e. Air is mixed in fuel system. | Check the fuel line connections, correct or replace the defective part. |
| | f. Damaged diaphragm of pressure regulator | Replace the pressure regulator. |
| Leakage or blow out of fuel | a. Loose connections of fuel line pipe, hose or tube | Check the fuel line connections, correct or replace the defective part. |
| | b. Cracked fuel line pipe, hose or tube | Replace the fuel line pipe, hose or tube. |
| | c. Cracked fuel tank or defective welding part | Replace the fuel tank. |
| | d. Clogged or bent fuel line pipe, hose or tube | Clean, correct or replace the fuel line pipe, hose or tube. |
| Gasoline smell inside of compartment | a. Loose connections of fuel line pipe, hose or tube | Check the fuel line connections, correct or replace the defective part. |
| | b. Defective canister | Replace the canister. |
| Defective fuel gauge | a. Defective operation of fuel level sensor | Replace the fuel level sensor. |
| | b. Defective operation of combination meter | Replace the combination meter. |
| Noise | a. Large operation noise or vibration of fuel pump | Replace the fuel pump. |

NOTE:

- When the vehicle is left unattended for an extended period of time, water may accumulate in the fuel tank. Fill fuel fully to prevent the problem.
- In snow-covered areas, mountainous areas, skiing areas, etc. where ambient temperatures drop to 0°C (32°F) or less throughout the winter season, use a water removing agent in the fuel system to prevent freezing fuel system and accumulating water.
- When water is accumulated in fuel filter, fill the water removing agent in the fuel tank.
- Before using water removing agent, follow the cautions noted on the bottle.

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

EC(STI)

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