

# Fuel System Trouble in General

## FUEL INJECTION (FUEL SYSTEMS)

### 32.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 fuel filter assembly.                                       |
| 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 gasket of fuel saucer or fuel filler pipe assembly | Correct or replace the gasket.                                          |
|                                           | c. 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.                                          |
|                                           | c. Defective operation of integrated unit                       | Replace the integrated unit.                                            |
| 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(H4DO)*

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