

## 31. Fuel System Trouble in General

### A: INSPECTION

| Trouble and possible cause                     |                                                                       | Corrective action                                                 |
|------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>1. Insufficient fuel supply to injector</b> |                                                                       |                                                                   |
| 1)                                             | 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.                                         |
| 2)                                             | Decline of fuel pump function                                         | Replace the fuel pump.                                            |
| 3)                                             | Clogged fuel filter                                                   | Replace the fuel filter.                                          |
| 4)                                             | Clogged or bent fuel pipe or hose                                     | Clean, correct or replace the fuel pipe or hose.                  |
| 5)                                             | Air is mixed in the fuel system.                                      | Inspect or retighten each connection part.                        |
| 6)                                             | Clogged or bent air breather tube or pipe.                            | Clean, correct or replace the air breather tube or pipe.          |
| 7)                                             | Damaged diaphragm of pressure regulator                               | Replace.                                                          |
| <b>2. Leakage or blow out of fuel</b>          |                                                                       |                                                                   |
| 1)                                             | Loose joints of the fuel pipe                                         | Retighten.                                                        |
| 2)                                             | Cracked fuel pipe, hose and fuel tank                                 | Replace.                                                          |
| 3)                                             | Defective welding part on the fuel tank                               | Replace.                                                          |
| 4)                                             | Clogged or bent air breather tube or air vent tube                    | Clean, correct or replace the air breather tube or air vent tube. |
| <b>3. Gasoline smell inside of compartment</b> |                                                                       |                                                                   |
| 1)                                             | Loose joints at air breather tube, air vent tube and fuel filler pipe | Retighten.                                                        |
| 2)                                             | Fuel saucer gasket air tightness fault                                | Correct or replace the gasket.                                    |
| 3)                                             | Inoperative fuel pump modulator or circuit                            | Replace.                                                          |
| <b>4. Defective fuel meter indicator</b>       |                                                                       |                                                                   |
| 1)                                             | Defective operation of fuel level sensor                              | Replace.                                                          |
| 2)                                             | Defective operation of fuel meter                                     | Replace.                                                          |
| <b>5. Noise</b>                                |                                                                       |                                                                   |
| 1)                                             | Large operation noise or vibration of fuel pump                       | Replace.                                                          |

#### NOTE:

- When the vehicle is left unattended for an extended period of time, water may accumulate in the fuel tank. Fill the fuel tank fully to prevent this.
- In snow-covered areas, mountainous areas, skiing areas, etc. where ambient temperatures drop below 0°C (32°F) 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.

# Fuel System Trouble in General

FUEL INJECTION (FUEL SYSTEMS)

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# EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES) *EC(H4SO)*

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