# ACCELERATOR CONTROL, FUEL & EXHAUST SYSTEMS

# SECTION FE

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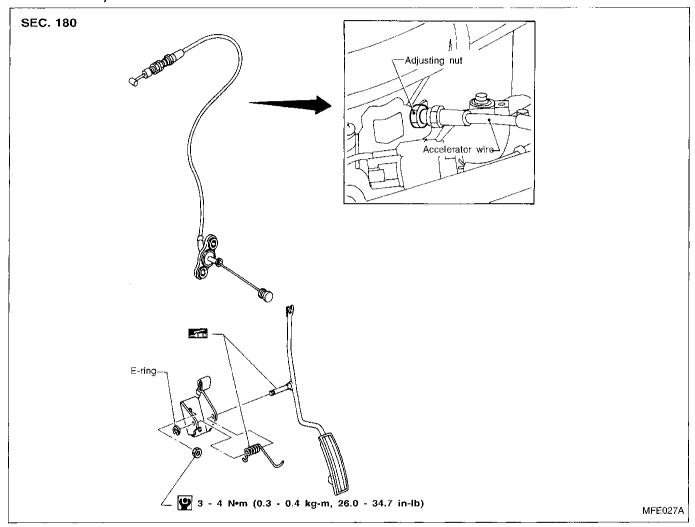
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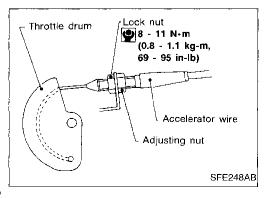
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### **CAUTION:**

- When removing accelerator wire, mark lock nut's initial position.
- Check that throttle valve opens fully when accelerator pedal is fully depressed. Check that throttle valve returns to idle position when accelerator pedal is released.
- Check accelerator control parts for improper contact with any adjacent parts.
- When connecting accelerator wire, do not twist or scratch the inner wire.
- For adjustment of A/T throttle wire, refer to AT section ("Throttle Wire Adjustment", "ON-VEHICLE SERVICE").





# Adjusting Accelerator Wire CAUTION:

- Make sure the ASCD wire is not pulling the throttle drum.
- For ASCD wire adjustment, refer to EL section ["AUTO-MATIC SPEED CONTROL DEVICE (ASCD)"].
- 1. Loosen lock nut, and tighten adjusting nut until throttle drum starts to move.
- 2. From that position turn back adjusting nut 1.5 to 2 turns, and secure lock nut.

# **Fuel Tank**

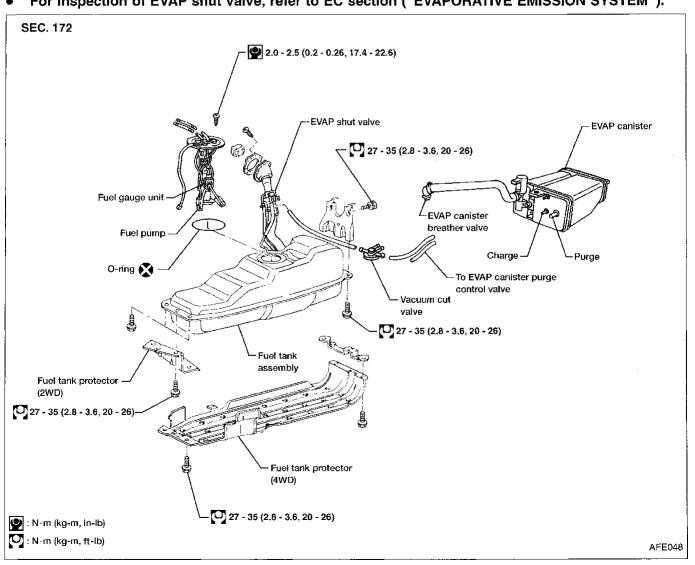
### **WARNING:**

When replacing fuel line parts, be sure to observe the following:

- Put a "CAUTION: FLAMMABLE" sign in workshop.
- Do not smoke while servicing fuel system. Keep open flames and sparks away from work area.
- Furnish workshop with a CO<sub>2</sub> fire extinguisher.

### **CAUTION:**

- Before removing fuel line parts, carry out the following procedures:
- a. Put drained fuel in an explosion-proof container and put the lid on securely.
- b. Release fuel pressure from fuel line. Refer to EC section ("Fuel Pressure Release", "BASIC SER-VICE PROCEDURE").
- c. Disconnect battery ground cable.
- When installing fuel check valve, install in its designated direction. Refer to EC section ("EVAPO-RATIVE EMISSION SYSTEM").
- Always replace O-ring and clamps with new ones.
- Do not kink or twist tubes and hoses when they are installed.
- To avoid damaging hoses, do not tighten hose clamps excessively.
- After installing tubes, run engine and check for fuel leaks at connections.
- Use only a genuine fuel cap as a replacement.
- For inspection of EVAP shut valve, refer to EC section ("EVAPORATIVE EMISSION SYSTEM").



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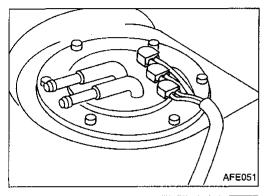
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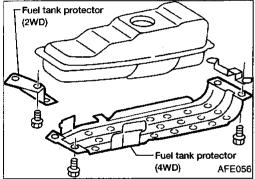
# Fuel Tank (Cont'd) REMOVAL

### **CAUTION:**

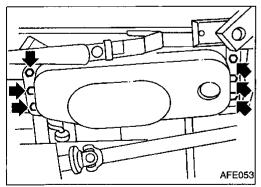
- Do not disconnect any fuel line unless absolutely necessary.
- Plug hose and pipe openings to prevent entry of dust or dirt.



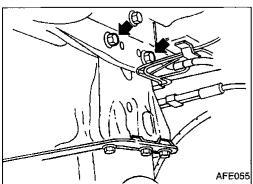
- Release fuel pressure. Refer to EC section ("Fuel Pressure Release", "BASIC SERVICE PROCEDURE").
- 2. Disconnect battery ground cable.
- 3. Drain fuel from fuel tank.
- 4. Disconnect electrical connector.
- 5. Remove filler protector.
- 6. Disconnect filler tubes, fuel supply tube and fuel return tube.



7. Remove fuel tank protector.



8. Remove six tank mounting bolts while supporting fuel tank.



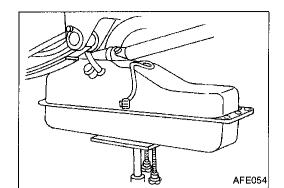
9. Remove rear fuel tank mounting bracket.

# **FUEL SYSTEM**

# Fuel Tank (Cont'd)

10. Remove fuel tank.





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# **INSTALLATION**

To install, reverse the removal procedure.

# **CAUTION:**

- Do not kink or twist hoses and tubes when they are installed.
- To avoid damaging hoses, do not tighten hose clamps excessively.
- Tighten bolts to specified torque.
- After installation, run engine and check for leaks at connections.



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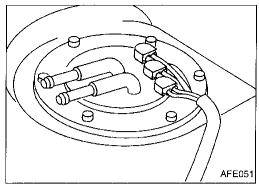
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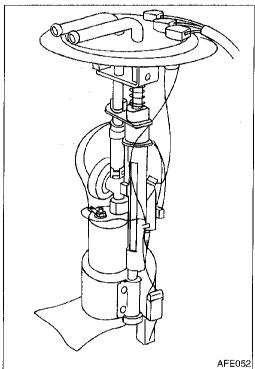
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# **Fuel Pump and Gauge**

# **REMOVAL**

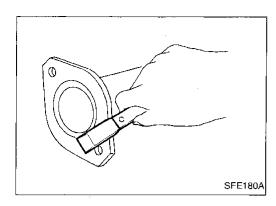
- Release fuel pressure. Refer to EC section ("Fuel Pressure Release", "BASIC SER-VICE PROCEDURE").
- 2. Remove fuel tank. Refer to FE-4.
- Disconnect fuel supply tube, return tube and electrical connector.
- 4. Remove the six screws.
- 5. Remove fuel pump and gauge.

## **INSTALLATION**

To install, reverse the removal procedure.

## **CAUTION:**

- Tighten bolts to specified torque.
  - **P**: 2.0 2.5 N·m (0.20 0.26 kg-m, 17.4 22.6 in-lb)
- Always replace O-ring with a new one.
- After installation, run engine and check for leaks at connections.



## **CAUTION:**

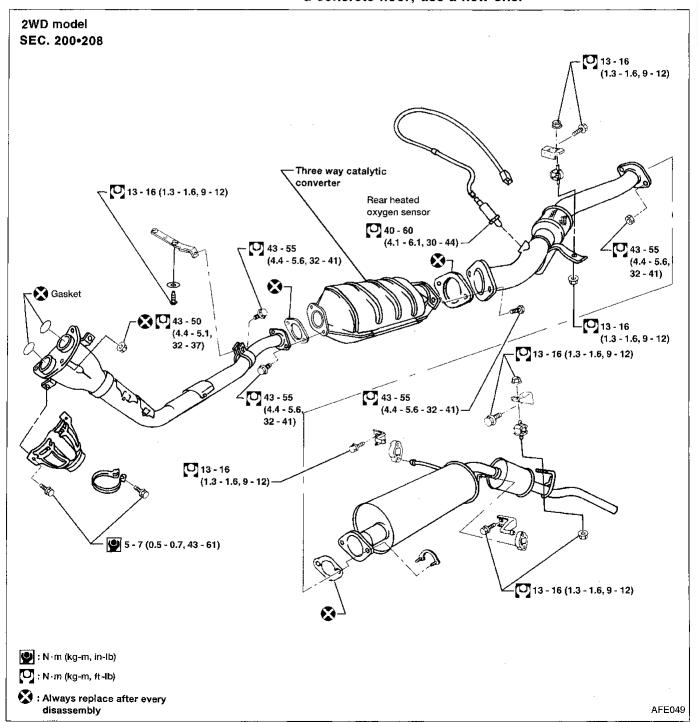
Replace exhaust gaskets with new ones when reassembling.

If gasket remains on flange surface, scrape off completely as shown at left.

• With engine running, check all tube connections for exhaust gas leaks, and entire system for unusual noises.

 Check to ensure that mounting brackets and mounting insulators are installed properly and are free from undue stress. Improper installation could result in excessive noise or vibration.

 Discard any heated oxygen sensor dropped from a height of more than 0.5 m (19.7 in) onto a hard surface such as a concrete floor; use a new one.



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