REMOVAL

1. DISCHARGE FUEL SYSTEM PRESSURE (See page FU-28)
2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
3. REMOVE FRONT DOOR SCUFF PLATE LH (See page FU-42)
4. REMOVE REAR DOOR SCUFF PLATE LH (See page FU-42)
5. REMOVE REAR SEAT CUSHION ASSEMBLY LH (See page FU-42)
6. REMOVE REAR FLOOR SERVICE HOLE COVER (See page FU-42)
7. DISCONNECT FUEL TANK TO FILLER PIPE HOSE (See page FU-43)
8. DISCONNECT FUEL TANK BREATHER TUBE SUB-ASSEMBLY (See page FU-44)
9. REMOVE NO. 1 FUEL TANK PROTECTOR SUB-ASSEMBLY (See page FU-44)
10. DISCONNECT FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE (See page FU-45)
11. DISCONNECT FUEL TANK VENT HOSE (See page FU-45)
12. REMOVE FUEL TANK ASSEMBLY (See page FU-45)
13. REMOVE FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE (See page FU-47)
14. REMOVE FUEL SUCTION WITH PUMP AND GAUGE TUBE ASSEMBLY (See page FU-29)
15. REMOVE FUEL SENDER GAUGE ASSEMBLY
   a. Disconnect the fuel sender gauge connector.
(b) Unlock the fuel sender gauge, and slide and remove it.

**INSPECTION**

1. **INSPECT FUEL SENDER GAUGE ASSEMBLY**
   
   (a) Check the fuel sender gauge resistance.
   
   (1) Check that the float moves smoothly between the F level (upper end) and E level (lower end).
   
   (2) Using an ohmmeter, measure the resistance.
   
   **Standard resistance**
   
<table>
<thead>
<tr>
<th>Tester Condition</th>
<th>Condition</th>
<th>Specified Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 2</td>
<td>F (Upper End)</td>
<td>12.0 to 18.0 Ω</td>
</tr>
<tr>
<td>1 - 2</td>
<td>E (Lower End)</td>
<td>405.0 to 415.0 Ω</td>
</tr>
</tbody>
</table>

   If the result is not as specified, replace the fuel sender gauge assembly.

**INSTALLATION**

1. **INSTALL FUEL SENDER GAUGE ASSEMBLY**
   
   (a) Install the fuel sender gauge onto the fuel suction with pump and gauge tube.

   (b) Connect the fuel sender gauge connector.

2. **INSTALL FUEL SUCTION WITH PUMP AND GAUGE TUBE ASSEMBLY** (See page FU-34)

3. **INSTALL FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE** (See page FU-49)

4. **INSTALL FUEL TANK ASSEMBLY** (See page FU-50)

5. **CONNECT FUEL TANK VENT HOSE** (See page FU-50)
6. CONNECT FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE (See page FU-49)

7. CONNECT FUEL TANK BREATHER TUBE SUB-ASSEMBLY (See page FU-51)

8. CONNECT FUEL TANK TO FILLER PIPE HOSE (See page FU-51)

9. INSTALL NO. 1 FUEL TANK PROTECTOR SUB-ASSEMBLY (See page FU-51)

10. INSTALL REAR FLOOR SERVICE HOLE COVER (See page FU-52)

11. INSTALL REAR SEAT CUSHION ASSEMBLY LH (See page FU-53)

12. INSTALL REAR DOOR SCUFF PLATE LH (See page FU-52)

13. INSTALL FRONT DOOR SCUFF PLATE LH (See page FU-53)

14. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
   Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

15. CHECK FOR FUEL LEAKAGE (See page FU-7)