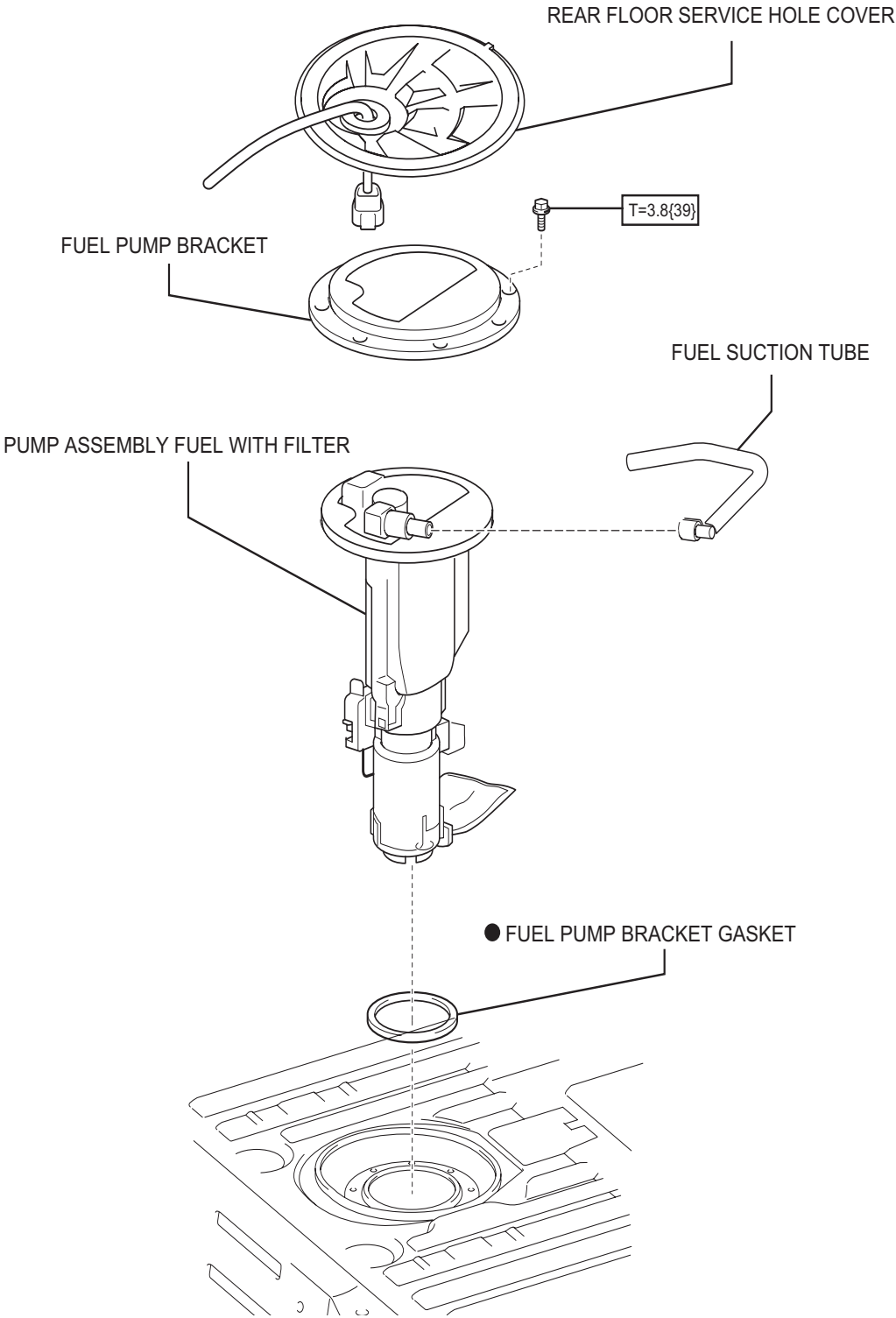


FUEL PUMP (3SZ-VE)

COMPONENTS

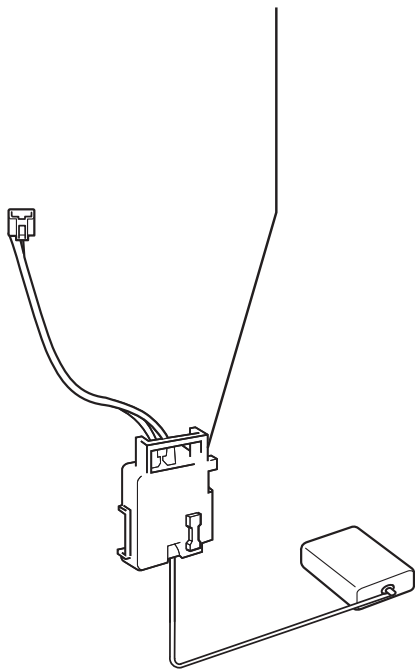
FU



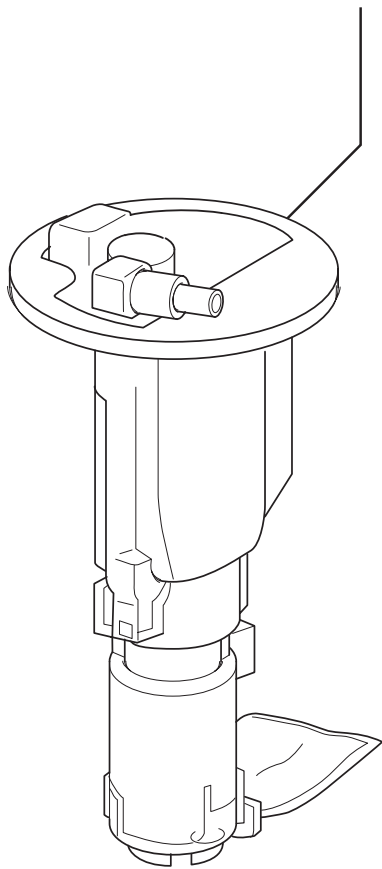
..... TIGHTENING TORQUE [N*m{kgf*cm}] ● NON-REUSEABLE PART



FUEL SENDER GAUGE ASSEMBLY



PUMP ASSEMBLY FUEL WITH FILTER



FU

REMOVAL

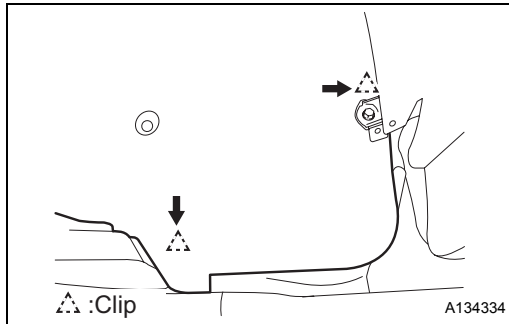
1. **DISCHARGE FUEL SYSTEM PRESSURE** (See page EM - 146)

2. **DISCONNECT NEGATIVE BATTERY TERMINAL**

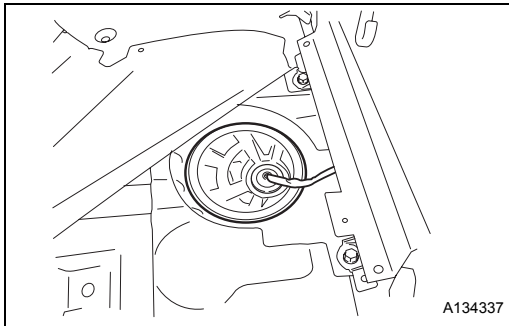
(See page RS - 164.)

3. **REMOVE REAR FLOOR SERVICE HOLE COVER**

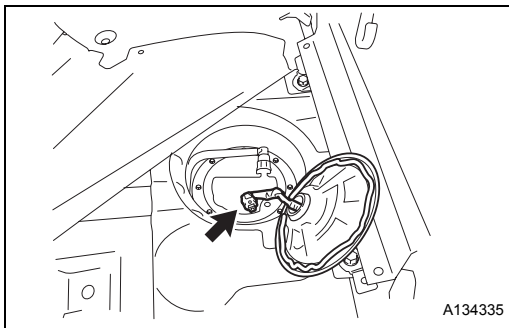
- (a) Remove the 2 clips and roll back the rear seat carpet.



- (b) Remove the butyl tape, then remove the rear floor service hole cover.

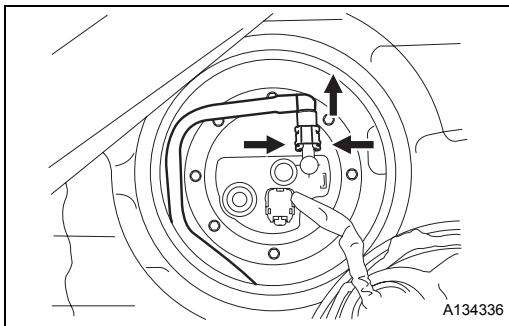


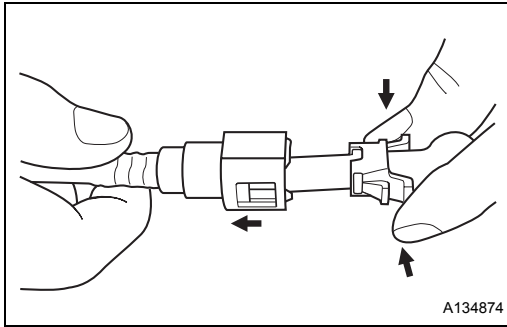
- (c) Disconnect the fuel pump connector.



4. **DISCONNECT FUEL SUCTION TUBE**

- (a) Grasp both ends of the retainer and with the lock removed, pull out the tube and the retainer together.

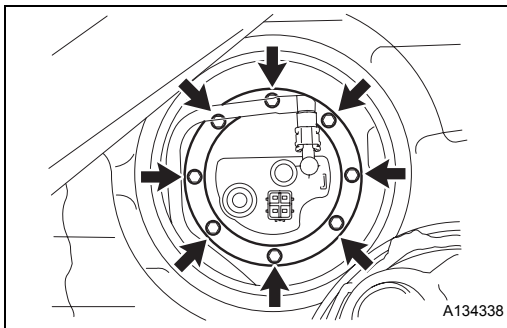




- (b) Pull out and disconnect the fuel suction tube.

NOTICE:

- Remove any dirt and foreign matter on the clip part before performing this work.
- As the fuel tube joint seals the fuel pump tube and fuel suction plate by the O-ring, make sure there is no damage to or foreign matter on the connection part when performing this work.
- Always install and remove by hand. Never use tools.
- Do not forcibly bend, fold or rotate the nylon tube.
- After disconnecting the fuel pump tube, protect the connected part by covering it with a plastic bag or similar.
- If the nylon tube and fuel suction plate are stuck, push and pull them to release.



5. REMOVE PUMP ASSEMBLY FUEL WITH FILTER

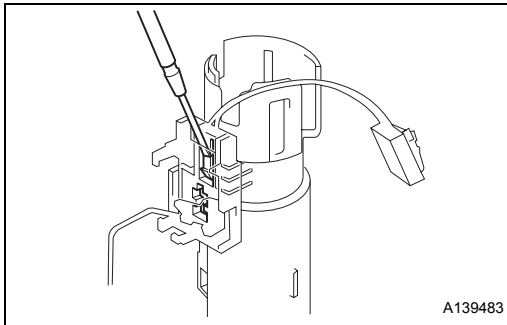
- (a) Remove the 8 screws, then remove the pump assembly fuel with filter.

6. DRAIN FUEL

DISASSEMBLY

1. REMOVE FUEL SENDER GAUGE ASSEMBLY

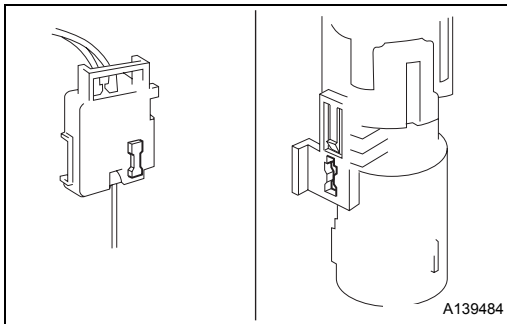
- (a) Disconnect the fuel sender gauge assembly connector.
- (b) Release the lock shown in the illustration, and slide the fuel sender gauge assembly to remove it.



REASSEMBLY

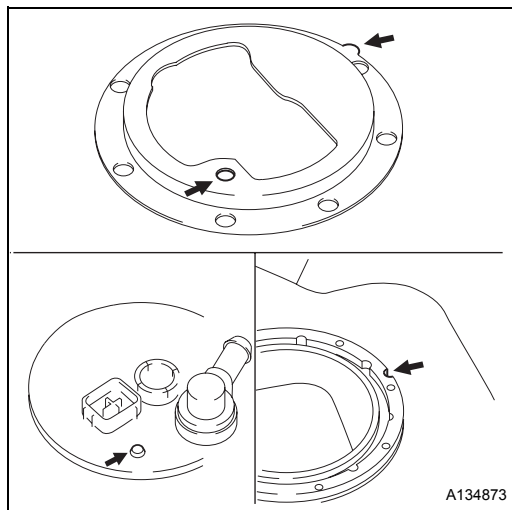
1. INSTALL FUEL SENDER GAUGE ASSEMBLY

- (a) Match the protruding part of the fuel sender gauge assembly with the recessed part of the pump assembly fuel with filter side.
- (b) Slide the fuel sender gauge assembly to install it.
- (c) Install the fuel sender gauge assembly connector.



INSTALLATION

FU

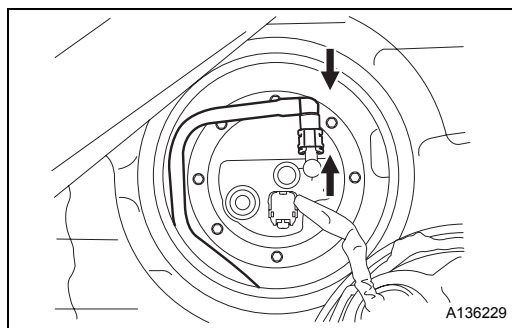
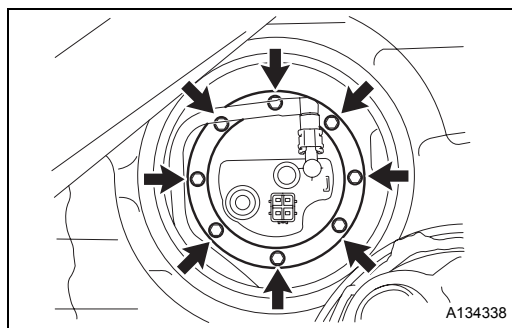


1. INSTALL PUMP ASSEMBLY FUEL WITH FILTER

- (a) Align the bracket hole and the protruding part of the pump, and then align the bracket and the fuel tank matchmarks to attach them.

- (b) Install the pump assembly fuel with filter with the 8 screws.

Torque: 3.8 N*m (39 kgf*cm)



2. CONNECT FUEL SUCTION TUBE

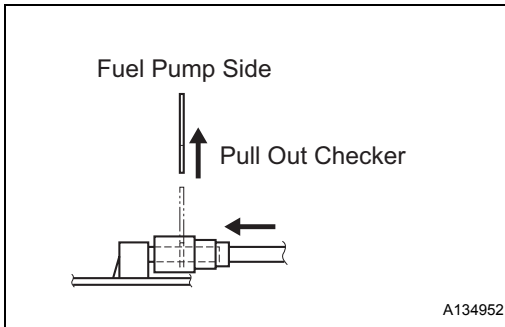
- (a) Insert the fuel suction tube into the plug of the suction plate.

NOTICE:

- Check that the connection is not damaged or contaminated with foreign matter.
- Check that the fuel suction tube is securely inserted all the way in.
- After installing the tube joint clip, check that the fuel suction tube cannot be pulled out.

3. REPLACE FUEL SUCTION TUBE

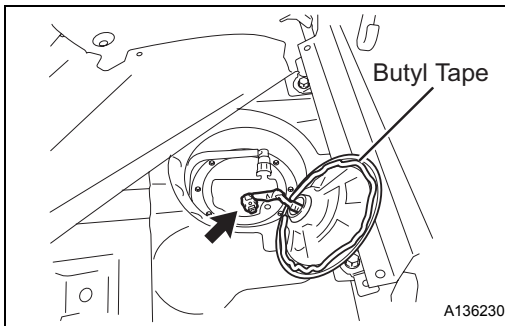
- (a) Remove the connector and the corresponding fuel pipe following the procedure listed above, and then remove the retainer from the pump on the fuel pump side.
- (b) Align the connector with the axis of the corresponding fuel pipe, then push the connector in until the retainer makes a (click) sound.



- (c) Pull the checker out vertically in relation to the direction in which it is installed.

4. INSTALL REAR FLOOR SERVICE HOLE COVER

- (a) Connect the connector.



- (b) Install the rear floor service hole cover using new butyl tape.

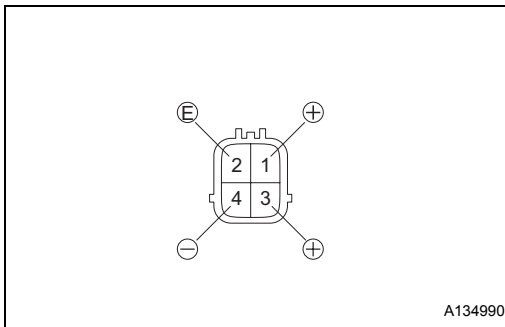
INSTALL REAR SEAT CARPET

5. REFILL FUEL

6. CONNECT NEGATIVE BATTERY TERMINAL

Torque: 5.4 N*m (55 kgf*cm)

7. CHECK FOR FUEL LEAKS (See page FU - 3)



1. INSPECT PUMP ASSEMBLY FUEL WITH FILTER

- (a) Check the resistance.

- (1) Using a tester, measure the resistance between the terminals.

Reference value:

0.2 to 3.0 (20°C)

- (b) Check operation.

- (1) Apply battery voltage across the terminals, then check that the motor operates.

NOTICE:

- Complete the check quickly (within 10 seconds).
- Move the pump assembly fuel with filter as far away as possible from the battery.
- Always switch at the battery terminal side.

