1118M–01

Removal & Installation and Disassembly & Reassembly

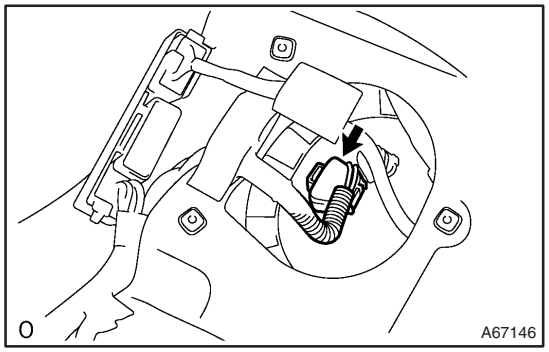
1. REMOVE REAR NO.1 SEAT ASSY LH (See Pub. No. RM990E, Page 72–29)

2. REMOVE REAR FLOOR STEP COVER NO.1

3. REMOVE QUARTER SCUFF PLATE INSIDE LH

(a) Remove the 2 bolts and the quarter scuff plate inside LH.

4. REMOVE REAR DOOR SCUFF PLATE LH

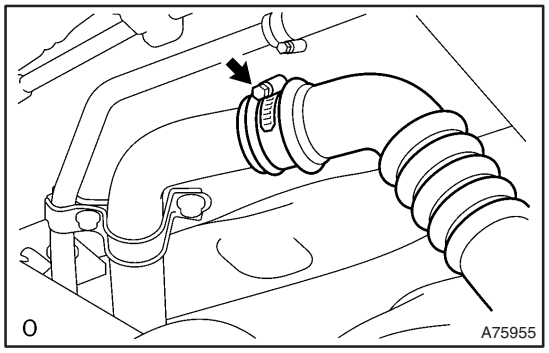


5. REMOVE REAR FLOOR SERVICE HOLE COVER

(a) Remove the floor mat.

(b) Remove the 3 screws from the rear service cover.

(c) Disconnect the connector.



6. DISCONNECT FUEL TANK TO FILLER PIPE HOSE

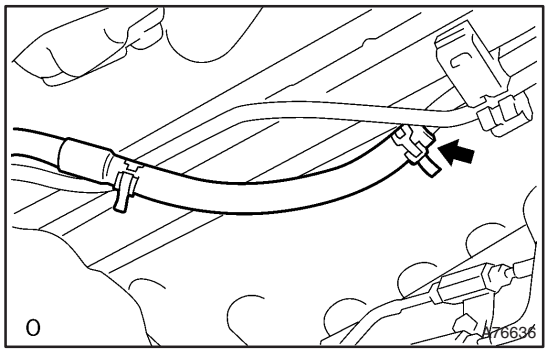
(a) Disconnect the fuel tank to filler pipe hose from the fuel inlet pipe.

7. DRAIN FUEL

8. REMOVE FUEL TANK PROTECTOR SUB–ASSY NO.1

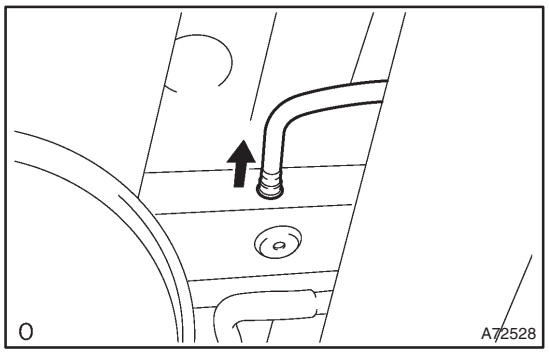
(a) Set a transmission jack to the fuel tank protector.

(b) Remove the 6 bolts and the fuel tank protector.



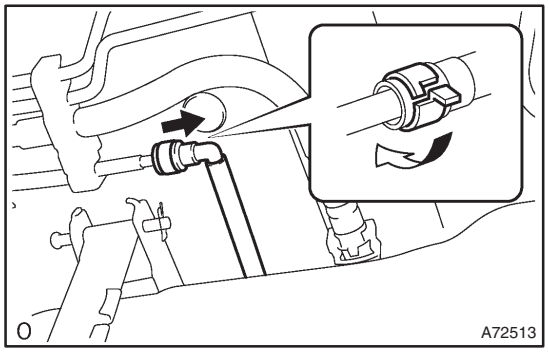
9. DISCONNECT FUEL TANK MAIN TUBE SUB–ASSY

(a) Disconnect the fuel tank main tube sub–assy.



10. DISCONNECT FUEL CUT OFF TUBE

(a) Disconnect the fuel cut off tube from the body.

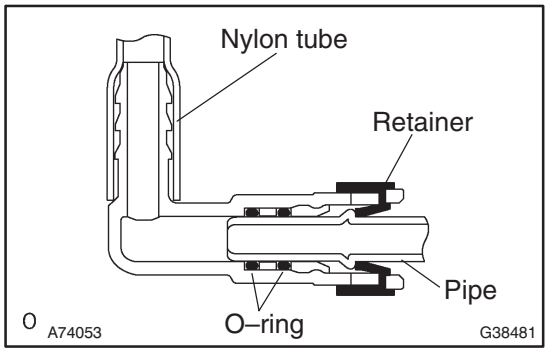


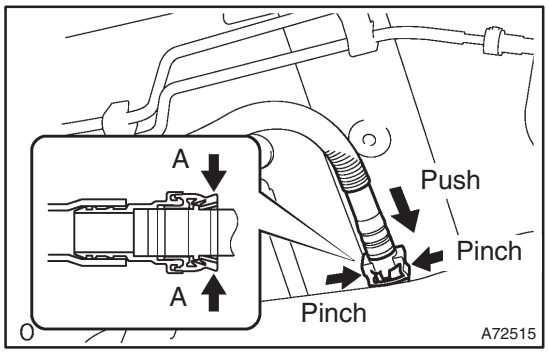
11. DISCONNECT FUEL TANK RETURN TUBE

(a) Push on the protrusion of the retainer with your finger, as shown in the illustration, to release the lock. Pull out the tube.

NOTICE:

- **Check if there is any dirt around the fuel tube joint before this work and clean the dirt away.**
- **Be careful of dirt like mud because the fuel tube joint has an O–ring to seal the fuel tube connector and fuel suction plate.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **After disconnecting, cover the fuel tube joint with a plastic bag.**
- **When the fuel tube joint and fuel suction plate are stuck, pinch the fuel tank tube between fingers, and turn it carefully to release. Disconnect the fuel tank tube.**





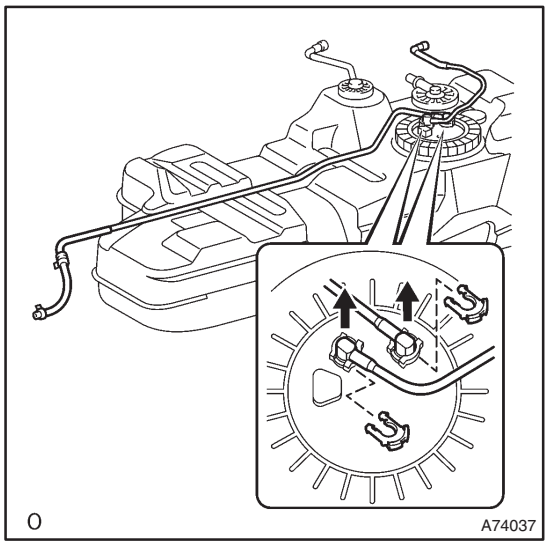
12. DISCONNECT FUEL TANK BREATHER TUBE SUB–ASSY

(a) Disconnect the fuel tank breather tube from the fuel tank.
  (1) Push the connector deep inside.
  (2) Pinch portion A.
  (3) Pull out the connector.

13. REMOVE FUEL TANK ASSY

(a) Set a transmission jack to the fuel tank.
(b) Remove the 2 bolts, 2 fuel tank bands and fuel tank.

14. REMOVE FUEL TANK CUSHION

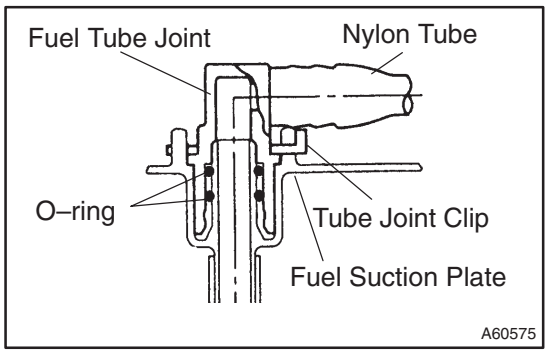


15. REMOVE FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

(a) Remove the 2 tube joint clips, and pull out the 2 fuel tank tubes.

NOTICE:

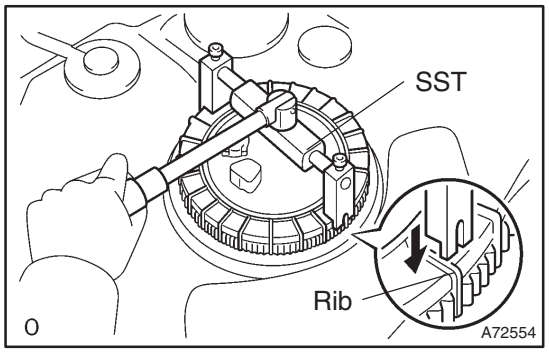
- **Check if there is any dirt around the fuel tube joint before this work and clean the dirt away.**
- **Be careful of dirt like mud because the fuel tube joint has an O–ring to seal the fuel tube connector and fuel suction plate.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **After disconnecting, cover the fuel tube joint with a plastic bag.**
- **When the fuel tube joint and fuel suction plate are stuck, pinch the fuel tank tube between fingers, and turn it carefully to release. Disconnect the fuel tank tube.**



16. REMOVE FUEL TANK VENT TUBE SUB–ASSY

NOTICE:

Protect the connector and tube joint with a vinyl adhesive tape or something in order to prevent foreign materials from sticking onto them, and clean dirt and foreign objects from the fuel tank vent tube assy before removing it.



(a) Using SST, loosen the retainer.

HINT:

A rib on the retainer can be fitted into the tip of SST.

(b) Remove the retainer.

(c) Pull out the fuel tank vent tube.

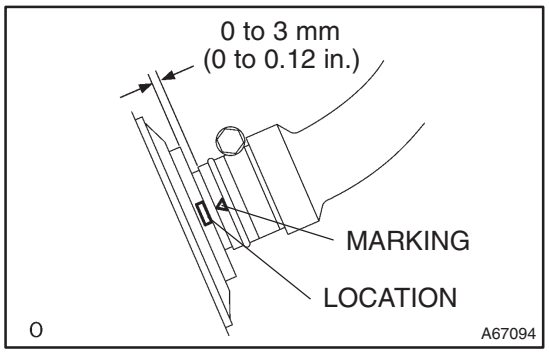
NOTICE:

Be careful that the arm of the sender gauge should not bend.

(d) Remove the gasket from the fuel tank.

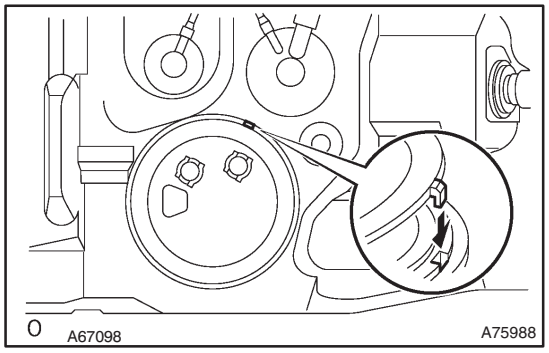
17. REMOVE FUEL TANK TO FILLER PIPE HOSE

(a) Remove the fuel tank to filler pipe hose from the fuel tank.



18. INSTALL FUEL TANK TO FILLER PIPE HOSE

(a) Connect the hose and pipe as shown in the illustration.



19. INSTALL FUEL TANK VENT TUBE SUB–ASSY

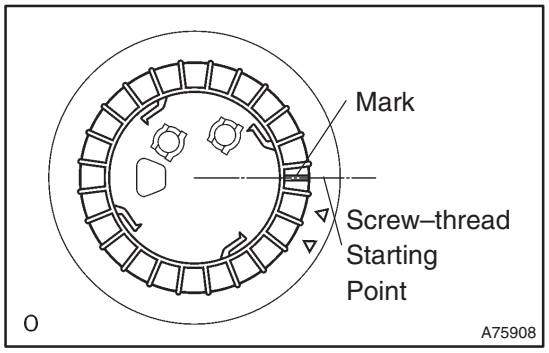
(a) Install a new gasket onto the fuel tank.

(b) Set the fuel tank vent tube to the fuel tank.

NOTICE:

Be careful that the arm of the fuel sender gauge should not bend.

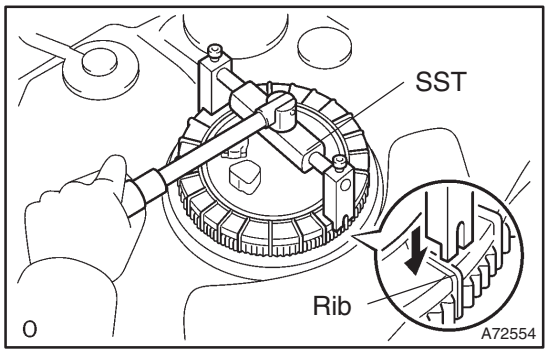
(c) Fit the spline of the fuel tank vent tube into the keyway of the fuel tank.



(d) Install a retainer.

(1) Use a new retainer, align the mark on the retainer with a screw–thread starting point of the fuel tank.

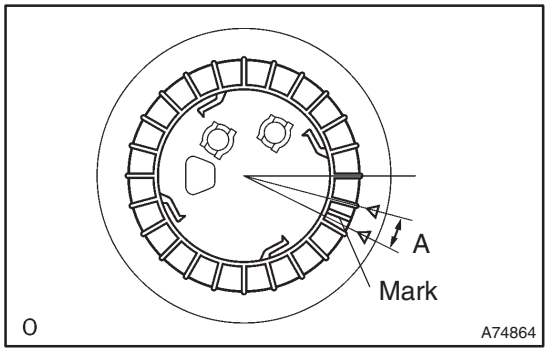
(2) While holding the fuel tank vent tube, tighten the retainer one complete turn by hand.

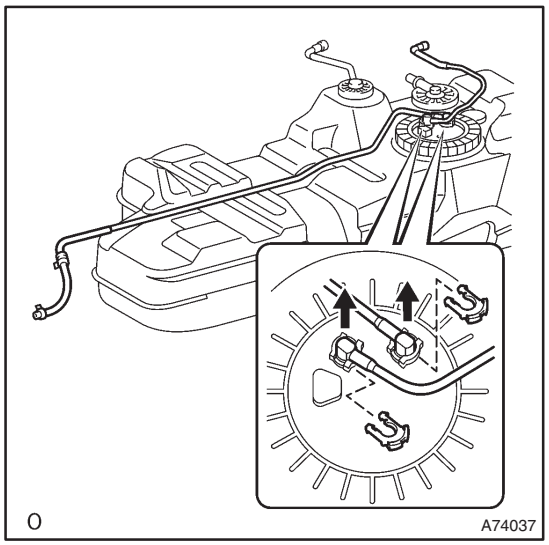


(e) Using SST, tighten the retainer one more complete turn, and position the mark on the retainer into range A of the fuel tank.

HINT:

- Turn the retainer two complete turns and position the mark within range A to install the retainer.
- A rib on the retainer can be fitted into the tip of SST.



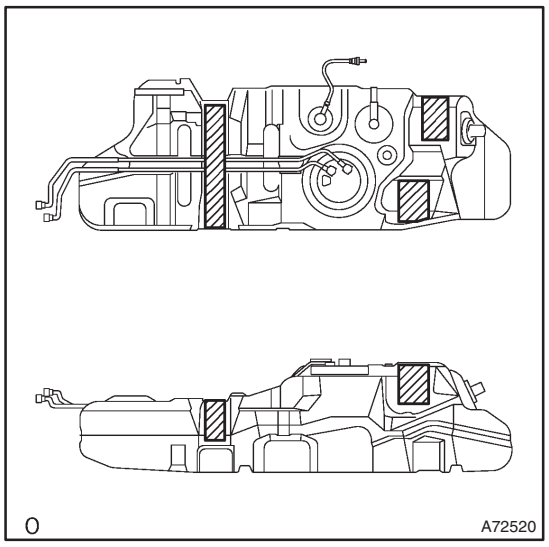


20. INSTALL FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

(a) Connect the 2 fuel tank tubes with the 2 tube joint clips.

NOTICE:

- **Check that there is no scratch or foreign objects on the connecting parts.**
- **Check that the connector is inserted fully and securely.**
- **Check that the clip of the tube joint is on the collar of the connector.**
- **After installing the tube joint clip, check that the connector is not pulled off.**



21. INSTALL FUEL TANK CUSHION

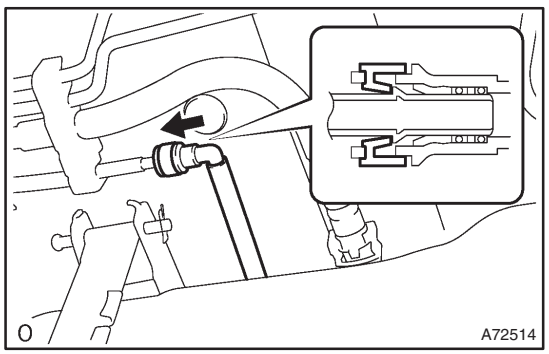
(a) Install 3 new fuel tank cushions to the fuel tank.

22. INSTALL FUEL TANK ASSY

(a) Set a transmission jack to the fuel tank.

(b) Install the fuel tank and 2 fuel tank bands with the 2 bolts.

Torque: 40 N·m (408 kgf·cm, 30 ft·lbf)



23. CONNECT FUEL TANK RETURN TUBE

(a) Aligning the axes of the pipe and connector, insert the connector until it locks with a click sound.

NOTICE:

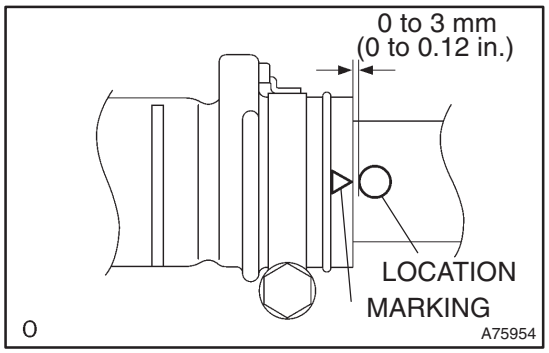
- **Check that there is neither damage nor foreign objects on the connecting part between the pipe and connecter before connecting.**
- **After connecting, pull on the pipe and connector to check that they are securely connected.**

24. INSTALL FUEL TANK PROTECTOR SUB–ASSY NO.1

(a) Set a transmission jack to the fuel tank protector.

(b) Install the fuel tank protector with the 6 bolts.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)



25. CONNECT FUEL TANK TO FILLER PIPE HOSE

(a) Connect the hose and pipe as shown in the illustration.

26. INSTALL REAR NO.1 SEAT ASSY LH (See Pub. No. RM990E, Page 72–32)

27. INSPECT FOR FUEL LEAKS (SEE PAGE 11–46)