110LV–01

Removal & Installation and Disassembly & Reassembly

1. WORK FOR PREVENTING GASOLINE FROM SPILLING OUT (See page 11–1)

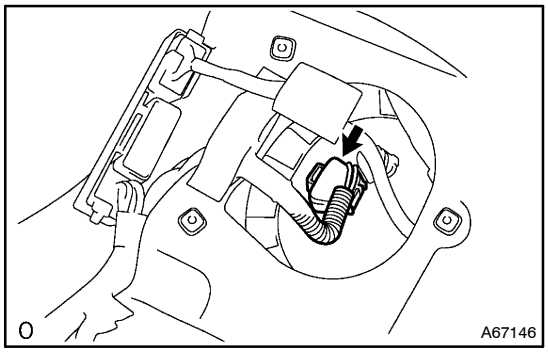
2. REMOVE REAR NO.1 SEAT ASSY LH (See page 72–32)

3. REMOVE REAR FLOOR STEP COVER NO.1

4. REMOVE QUARTER SCUFF PLATE INSIDE LH

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

5. REMOVE REAR DOOR SCUFF PLATE LH

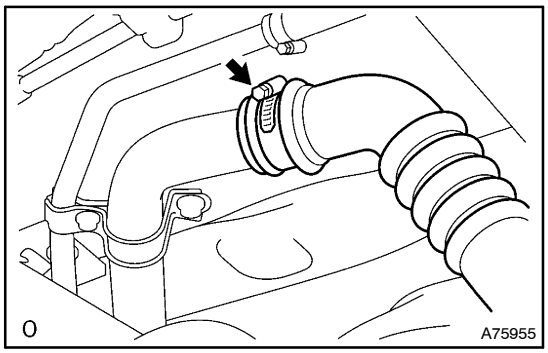


6. REMOVE REAR FLOOR SERVICE HOLE COVER

(a) Remove a tear off the floor mat.

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

(c) Disconnect the fuel pump connector.



7. DISCONNECT FUEL TANK TO FILLER PIPE HOSE

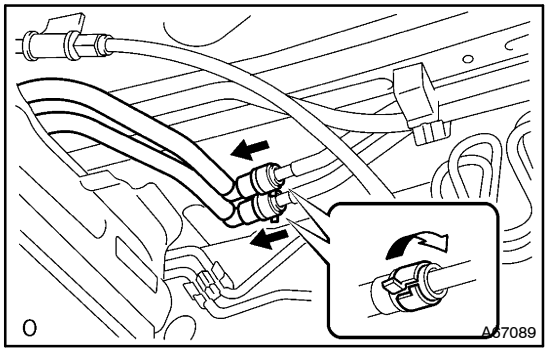
(a) Disconnect the fuel tank inlet filler pipe hose from the fuel inlet pipe.

8. DRAIN FUEL

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

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

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

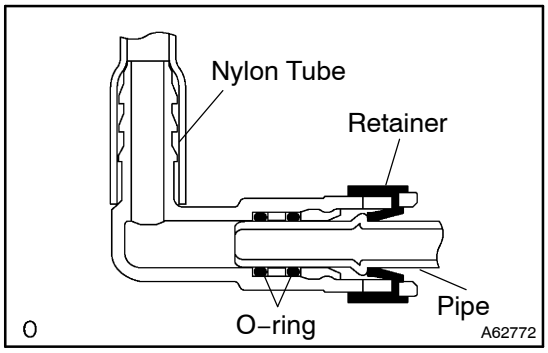


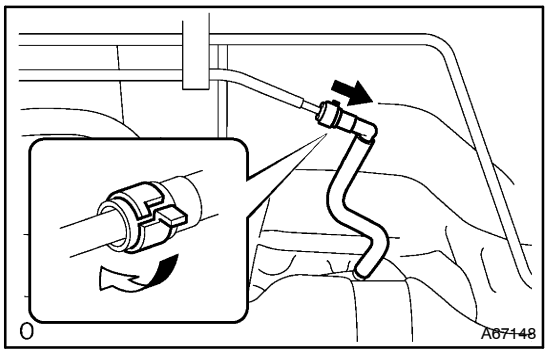
10. DISCONNECT FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

(a) Pinch the projections of the retainer to remove the lock claws and pull out the 2 fuel tank tubes.

NOTICE:

- **Check if there is any dirt like mud around the connector before this work and clean the dirt away.**
- **Be careful of dirt like mud because the quick connector has an O–ring to seal the pipe and the connector.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **Keep off plug from foreign subjects.**
- **To protect the tube, cover it with a vinyl bag after checking.**
- **When connector and the pipe are stuck, pinch the tube between fingers, and turn it carefully to free and then disconnect the fuel tank tube.**



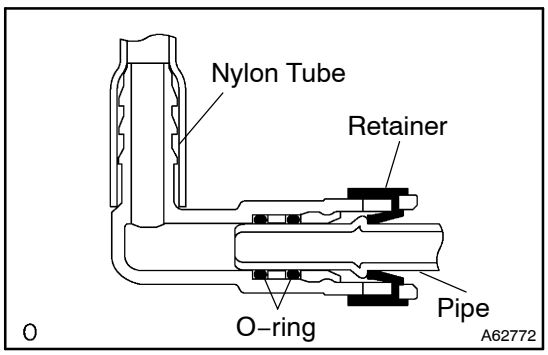


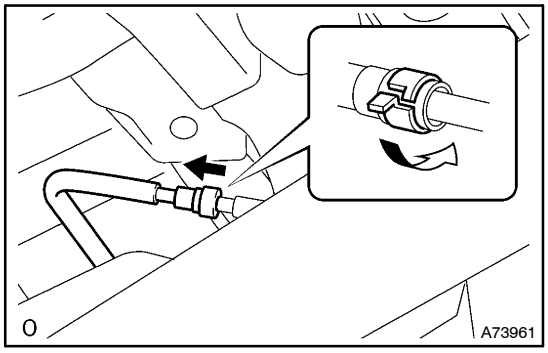
11. DISCONNECT FUEL CUT OFF TUBE (DOUBLE TANK TYPE FUEL TANK)

(a) Pinch the projections of the retainer to remove the lock claws and pull out the fuel cut off tube.

NOTICE:

- **Check if there is any dirt like mud around the connector before this work and clean the dirt away.**
- **Be careful of dirt like mud because the quick connector has an O–ring to seal the pipe and the connector.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **Keep off plug from foreign subjects.**
- **To protect the tube, cover it with a vinyl bag after checking.**
- **When connector and the pipe are stuck, pinch the tube between fingers, and turn it carefully to free and then disconnect the fuel cut off tube.**



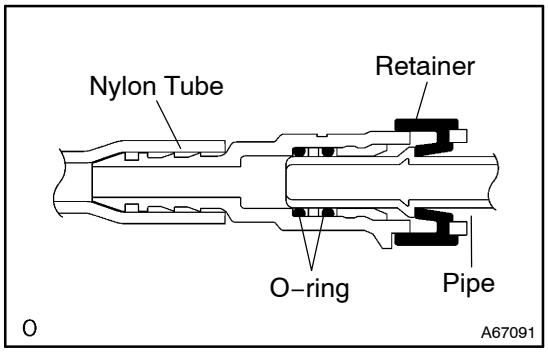


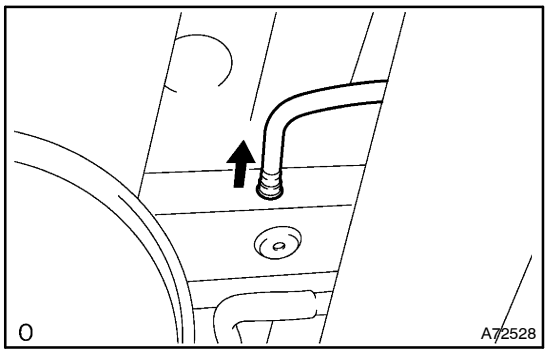
12. DISCONNECT FUEL CUT OFF TUBE (SINGLE TANK,UNLEADED TYPE FUEL TANK)

(a) Pinch the projections of the retainer to remove the lock claws and pull out the fuel cut off tube.

NOTICE:

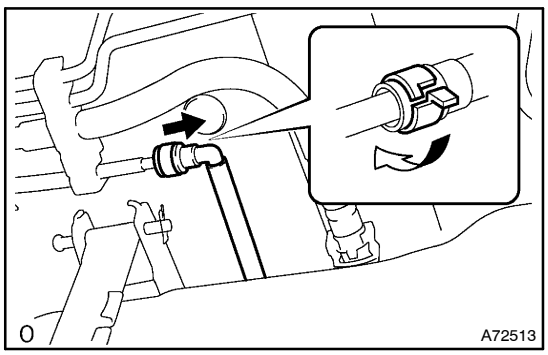
- **Check if there is any dirt like mud around the connector before this work and clean the dirt away.**
- **Be careful of dirt like mud because the quick connector has an O–ring to seal the pipe and the connector.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **Keep off plug from foreign subjects.**
- **To protect the tube, cover it with a vinyl bag after checking.**
- **When connector and the pipe are stuck, pinch the tube between fingers, and turn it carefully to free and then disconnect the fuel cut off tube.**





13. DISCONNECT FUEL CUT OFF TUBE (SINGLE TANK,LEADED TYPE FUEL TANK)

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

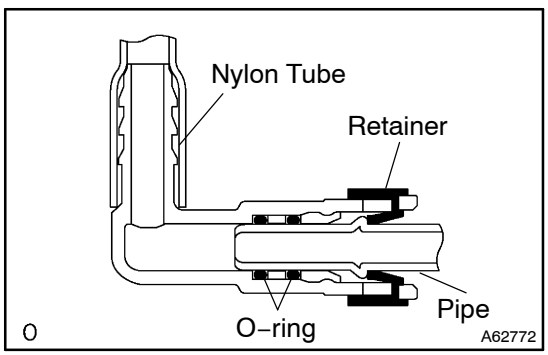


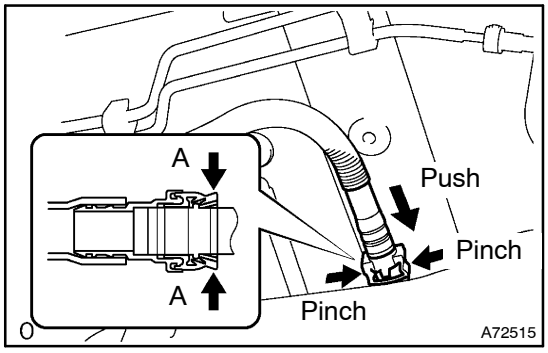
14. DISCONNECT FUEL MAIN TUBE SUB–ASSY NO.2 (DOUBLE TANK TYPE FUEL TANK)

(a) Pinch the projections of the retainer to remove the lock claws and pull out the fuel main tube No. 2.

NOTICE:

- **Check if there is any dirt like mud around the connector before this work and clean the dirt away.**
- **Be careful of dirt like mud because the quick connector has an O–ring to seal the pipe and the connector.**
- **Do not use any tool in this work.**
- **Do not bend or twist the nylon tube by force.**
- **Keep off plug from foreign subjects.**
- **To protect the tube, cover it with a vinyl bag after checking.**
- **When connector and the pipe are stuck, pinch the tube between fingers, and turn it carefully to free and then disconnect the fuel tank tube.**





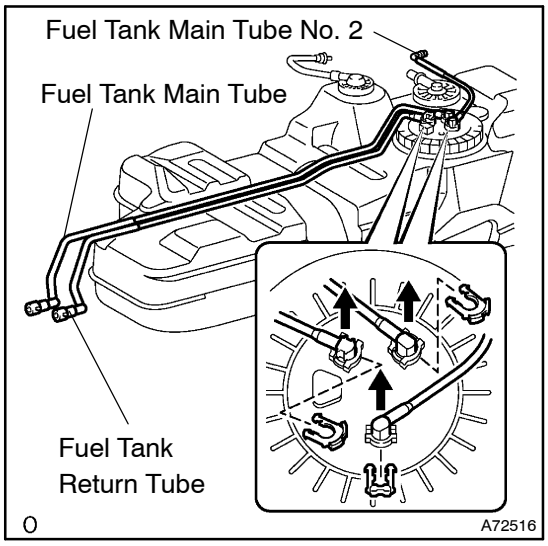
15. DISCONNECT FUEL TANK BREATHER TUBE SUB–ASSY

(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.

16. REMOVE FUEL TANK ASSY

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

17. REMOVE FUEL TANK CUSHION

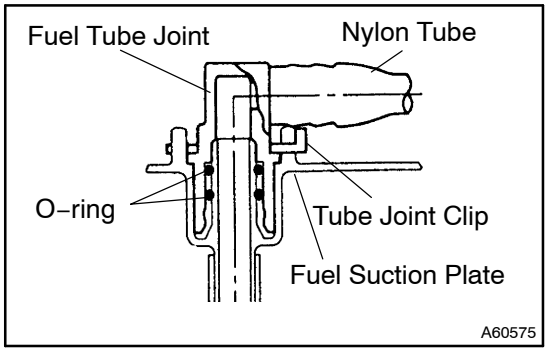


18. REMOVE FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

(a) Remove the 2 tubes joint clip, and pull out the 2 fuel tank tubes.
(b) Remove a tube joint clip, and pull out a fuel tank main tube No. 2 (DOUBLE TANK).

NOTICE:

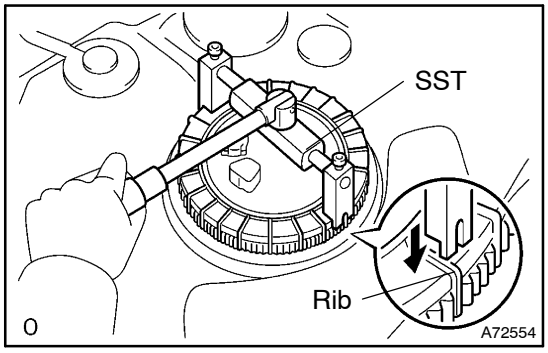
- **Check if there is any dirt like mud around the fuel tube joint before this work and clean the dirt away.**
- **Be careful of dirt like mud because the fuel tube joint has an O–ring to seal the fuel tube connector and fuel suction plate.**
- **Do not use any tool in this work.**
- **Do not bend or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



19. REMOVE FUEL SUCTION W/PUMP & GAGE TUBE ASSY

NOTICE:

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



(a) Using SST, loosen the retainer.
SST 09808–14020 (09808–01410, 09808–01420, 09808–01430)

HINT:
A rib on the retainer can be fitted into a tip of an SST.

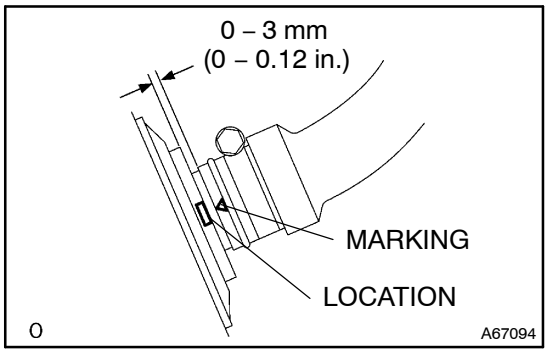
(b) Remove the retainer.
(c) Pull out the fuel suction tube assy.

NOTICE:
Be careful that the arm of the sender gage should not bent.

(d) Remove the gasket from the fuel tank.

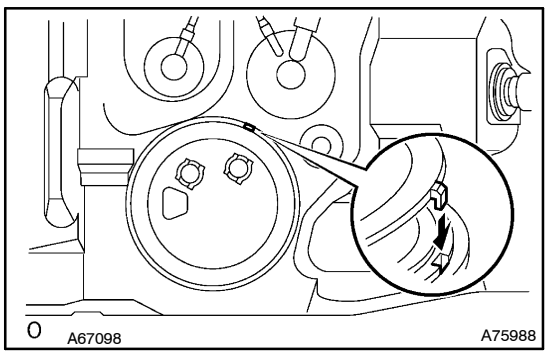
20. REMOVE FUEL TANK TO FILLER PIPE HOSE

(a) Remove the fuel tank inlet hose from the fuel tank.



21. INSTALL FUEL TANK TO FILLER PIPE HOSE

(a) Hose and pipe connection is as shown in the illustration.

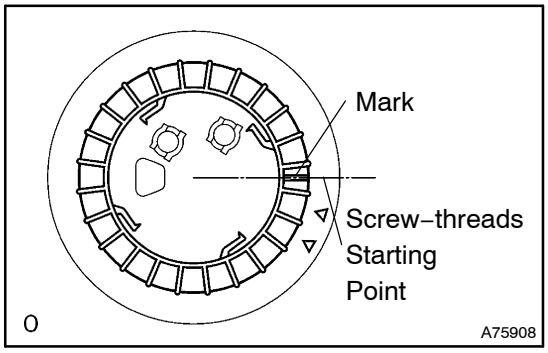


22. INSTALL FUEL SUCTION W/PUMP & GAGE TUBE ASSY

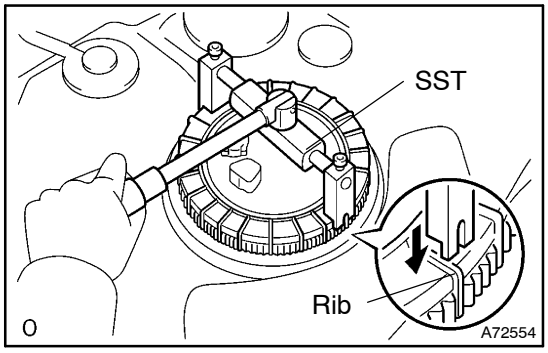
(a) Install a new gasket onto the fuel tank.
(b) Set the fuel suction tube assy to the fuel tank.

NOTICE:
Be careful that the arm of the fuel sender gage should not bent.

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



(d) Install a retainer.
(1) Use new retainer, align a mark on the retainer with a screw–threads starting point of the fuel tank.
(2) While holding the fuel tank vent tube, tighten the retainer one complete turn with a hand.

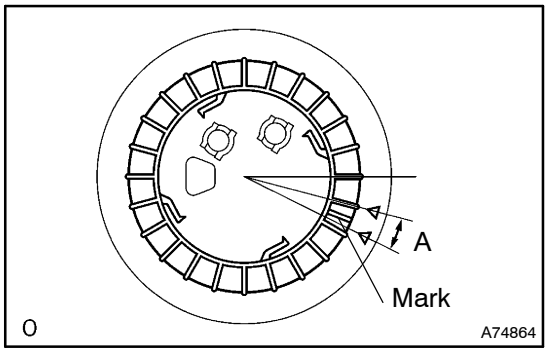


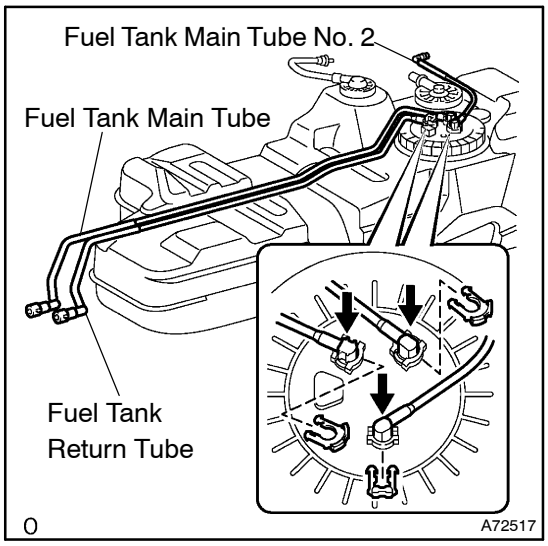
(e) Using an SST, Tighten the retainer one more complete turn, and position the mark on the retainer into a range A of the fuel tank.

SST 09808–14020 (09808–01410, 09808–01420 09808–01430)

HINT:

- Turn the retainer two complete turns and position the mark within the range A for the installation of the retainer.
- A rib on the retainer can be fitted into a tip of an SST.





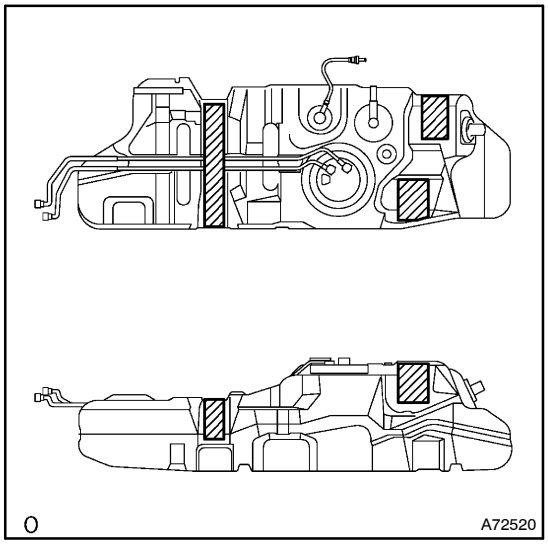
23. INSTALL FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

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

(b) Connect a fuel tank main tube No. 2 with a tube joint clip (DOUBLE TANK).

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.**



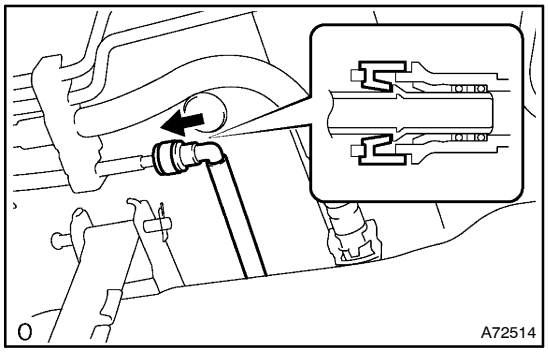
24. INSTALL FUEL TANK CUSHION

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

25. INSTALL FUEL TANK ASSY

(a) Set a mission 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)

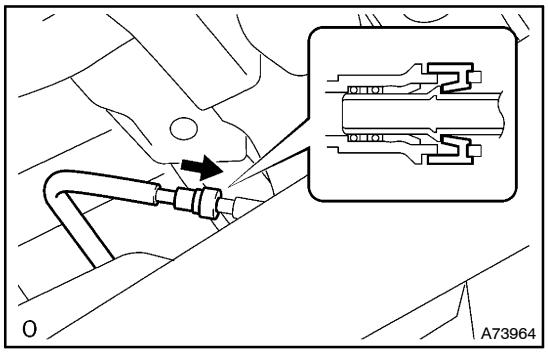


26. CONNECT FUEL MAIN TUBE SUB–ASSY NO.2 (DOUBLE TANK TYPE FUEL TANK)

(a) Push in the tube connector to the pipe until connector makes ”click” sound.

NOTICE:

- **Check if there is any damage or foreign objects on the connected part of the pipe.**
- **After connecting, check if the pipe and the connector are securely connected by pulling them.**

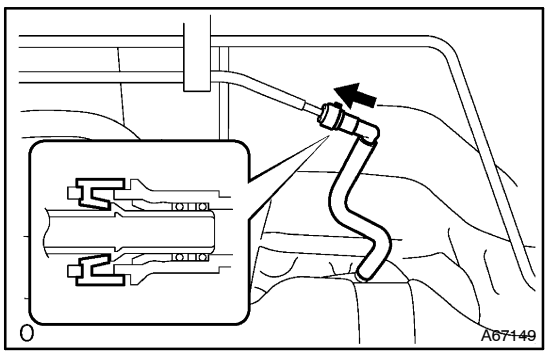


27. CONNECT FUEL CUT OFF TUBE (SINGLE TANK,UNLEADED TYPE FUEL TANK)

(a) Push in the tube connector to the pipe until connector makes ”click” sound.

NOTICE:

- **Check if there is any damage or foreign objects on the connected part of the pipe.**
- **After connecting, check if the pipe and the connector are securely connected by pulling them.**

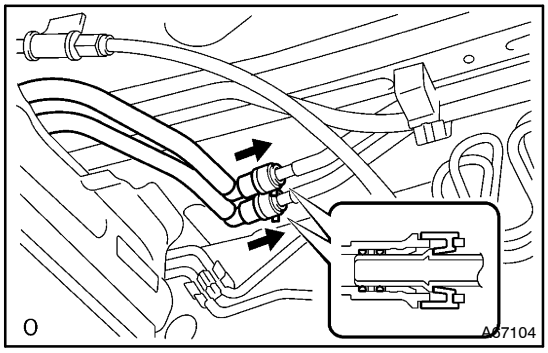


28. CONNECT FUEL CUT OFF TUBE (DOUBLE TANK TYPE FUEL TANK)

(a) Push in the tube connector to the pipe until connector makes ”click” sound.

NOTICE:

- **Check if there is any damage or foreign objects on the connected part of the pipe.**
- **After connecting, check if the pipe and the connector are securely connected by pulling them.**



29. CONNECT FUEL TANK MAIN TUBE AND FUEL TANK RETURN TUBE

(a) Push in the tube connector to the pipe until connector makes ”click” sound.

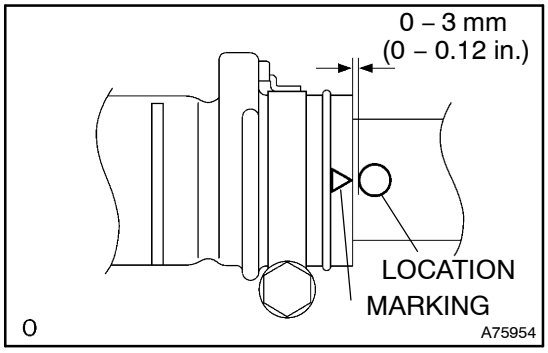
NOTICE:

- **Check if there is any damage or foreign objects on the connected part of the pipe.**
- **After connecting, check if the pipe and the connector are securely connected by pulling them.**

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

(a) Set a mission 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)



31. CONNECT FUEL TANK TO FILLER PIPE HOSE

(a) Hose and pipe connection is as shown in the illustration.

32. INSTALL REAR NO.1 SEAT ASSY LH (See page 72–32)

33. INSPECT FOR FUEL LEAKS