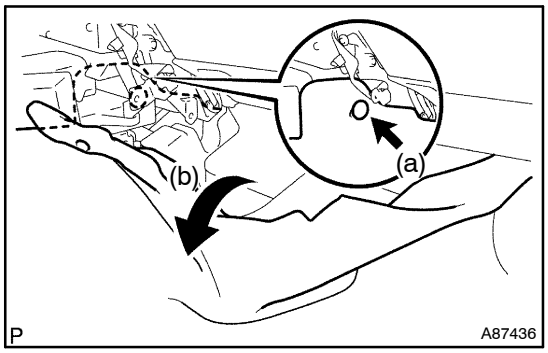
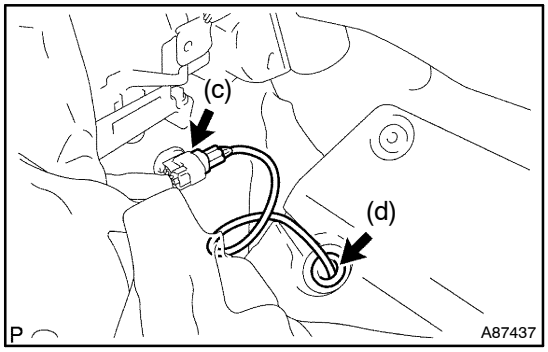
1111R–01

Removal & Installation and Disassembly & Reassembly

1. DISCHARGE FUEL SYSTEM PRESSURE (See page 11–3)
2. REMOVE REAR FLOOR BOARD NO.2 (See page 19–2)
3. REMOVE DECK FLOOR BOX REAR (See page 19–2)
4. REMOVE REAR FLOOR BOARD NO.3 (See page 19–2)
5. DISCONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19–2)
6. REMOVE REAR SEAT CUSHION ASSY (See page 72–9)
7. REMOVE REAR FLOOR SERVICE HOLE COVER (See page 11–25)
8. REMOVE FUEL SUCTION W/ PUMP & GAUGE TUBE ASSY (See page 11–25)
   SST 09808–14020 (09808–01410, 09808–01420, 09808–01430)
9. DRAIN FUEL
10. REMOVE FLOOR PANEL BRACE FRONT (See page 15–2)
11. REMOVE FRONT FLOOR FOOTREST (RHD STEERING POSITION TYPE) (See page 76–25)
12. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (See page 71–13)

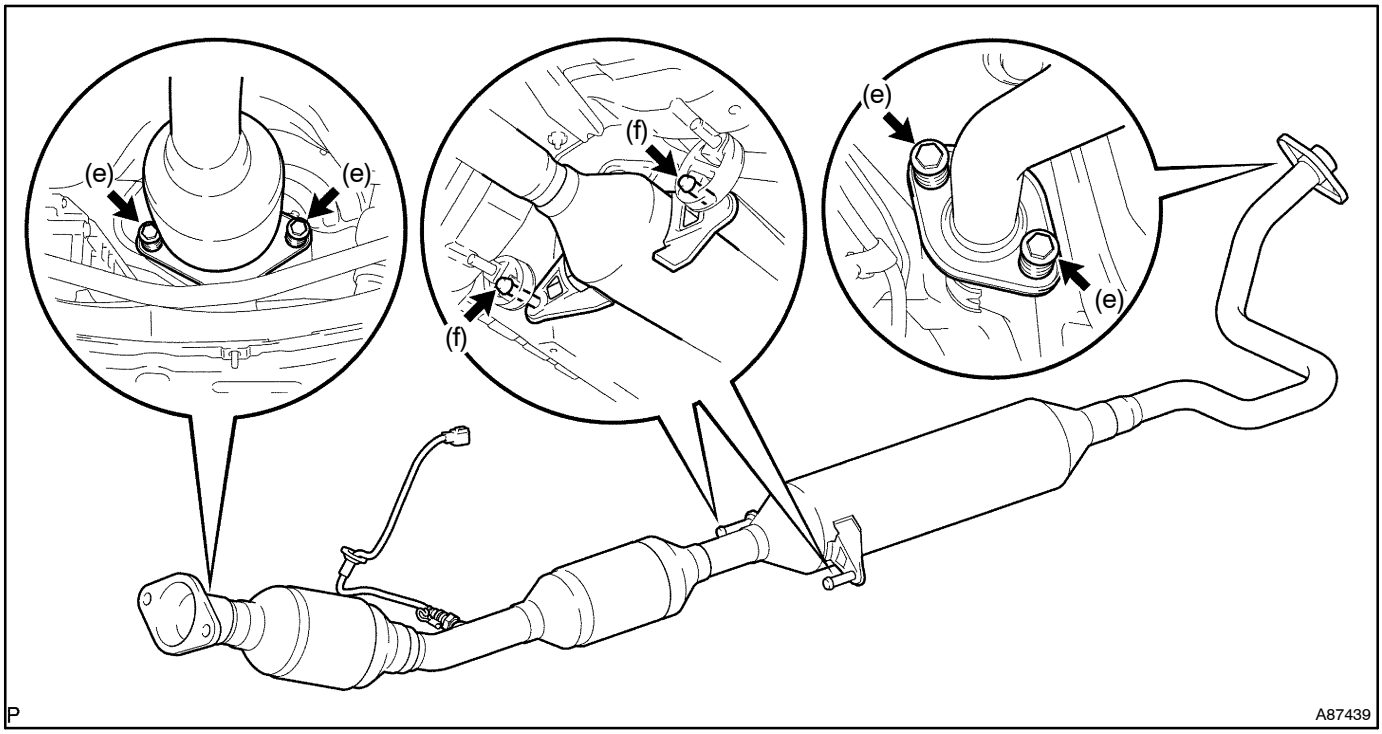


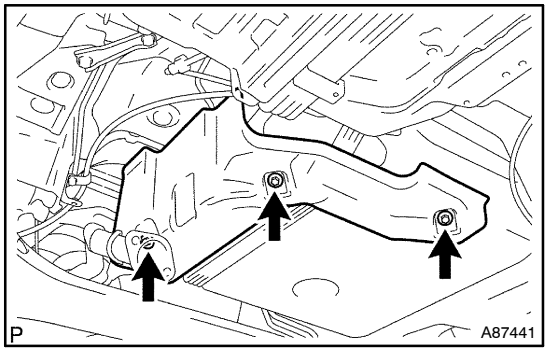
13. REMOVE EXHAUST PIPE ASSY FRONT
(a) Using a clip remover, remove the clip.
(b) Pull off the floor carpet front.



(c) Disconnect the heated oxygen sensor connector.
(d) Remove the grommet from the vehicle.

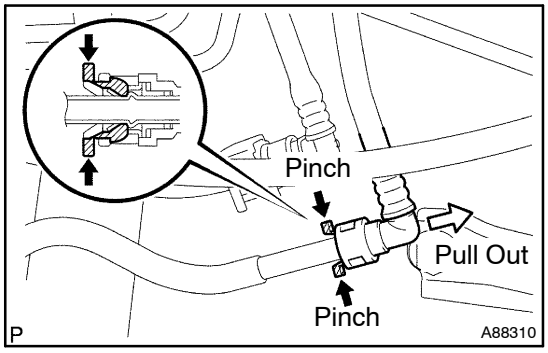
(e) Remove the 4 bolts and 4 compression springs.
(f) Remove the exhaust pipe front from the 2 exhaust pipe supports.
(g) Remove the 2 gaskets from the exhaust manifold and exhaust pipe front.





14. REMOVE FUEL TANK PROTECTOR NO.1

(a) Remove the 3 bolts, then remove the fuel tank protector No. 1.



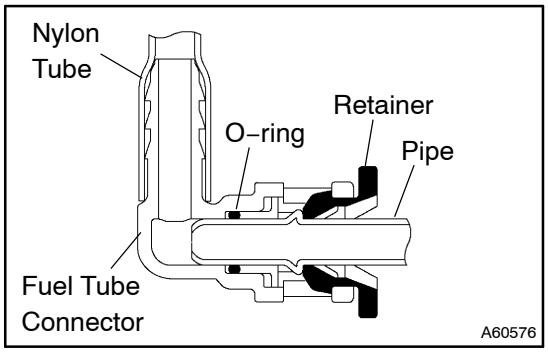
15. REMOVE FUEL TANK ASSY

(a) Disconnect the fuel tank to canister tube rear.

(1) Pinch the retainer of the fuel tube connector, then pull out the fuel tube connector to disconnect the fuel tank to canister tube rear from the pipe.

NOTICE:

- **Remove dirt or foreign objects on the fuel tube connector before this work.**
- **Do not allow any scratches or foreign objects on the parts when disconnecting as the fuel tube connector has the O–ring that seals the pipe.**
- **Perform this work by hand. Do not use any tools.**
- **Do not forcibly bend, twist or turn the nylon tube.**
- **Protect the connected part by covering it with a vinyl bag after disconnecting the fuel tank to canister tube rear.**
- **If the fuel tube connector and pipe are stuck, push and pull them to release.**



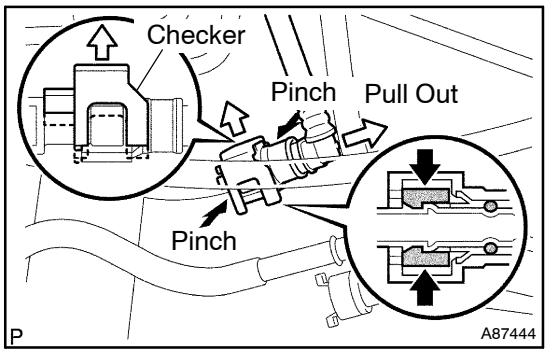
(b) Disconnect the fuel pump tube.

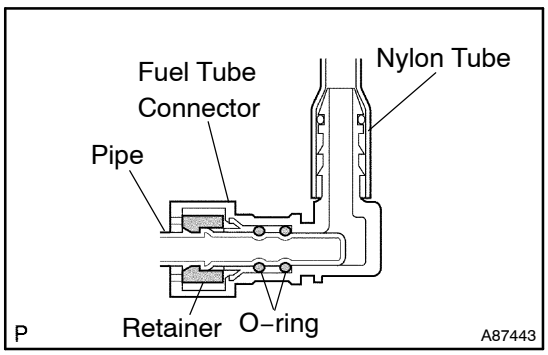
(1) Remove the the checker of the fuel tube connector from the pipe.

(2) Pinch the retainer of the fuel tube connector, then pull out the fuel tube connector to disconnect the fuel pump tube from the pipe.

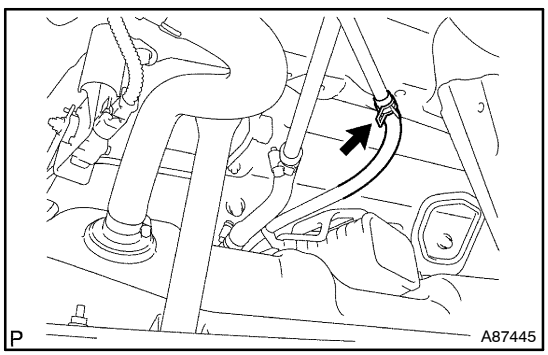
NOTICE:

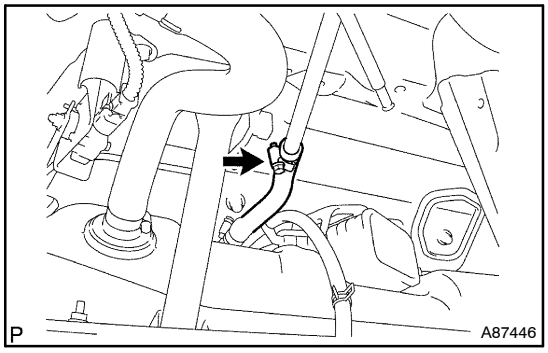
- **Remove dirt or foreign objects on the fuel tube connector before this work.**
- **Do not allow any scratches or foreign objects on the parts when disconnecting as the fuel tube connector has the O–ring that seals the pipe.**
- **Perform this work by hand. Do not use any tools.**
- **Do not forcibly bend, twist or turn the nylon tube.**
- **Protect the connected part by covering it with a vinyl bag after disconnecting fuel pump tube.**
- **If the fuel tube connector and pipe are stuck, push and pull them to release.**



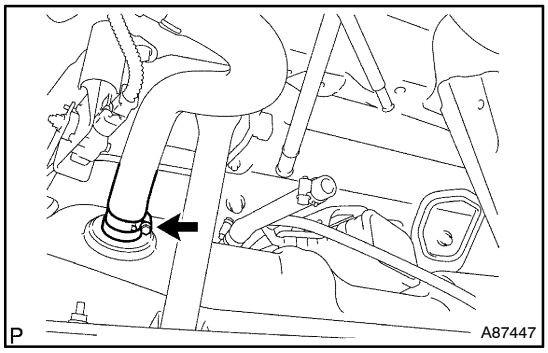


(c) Disconnect the fuel hose No. 1 from the fuel tank to filler pipe.

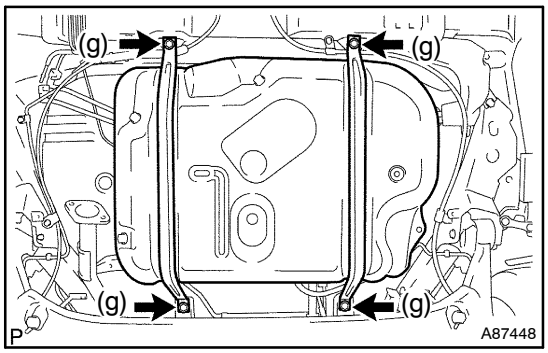




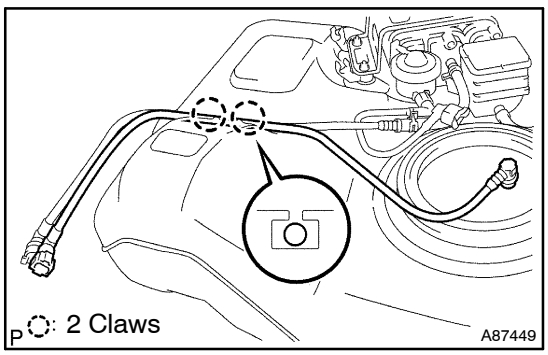
(d) Loosen the hose clamp bolt, then disconnect the fuel tank breather tube from the fuel tank to filler pipe.



(e) Loosen the hose clamp bolt, then disconnect the fuel tank to filler pipe hose from the fuel tank.

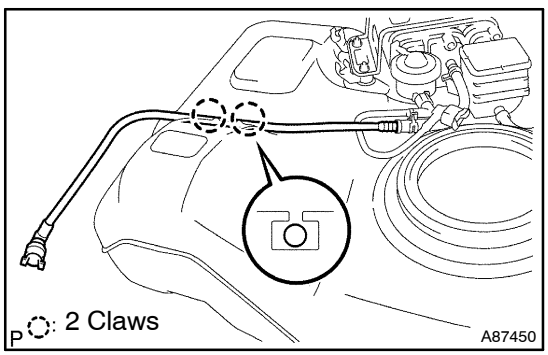


(f) Hold the fuel tank using a transmission jack.
(g) Remove the 4 bolts and fuel tank band No. 1 RH and LH.
(h) Operate the transmission jack, then remove the fuel tank.



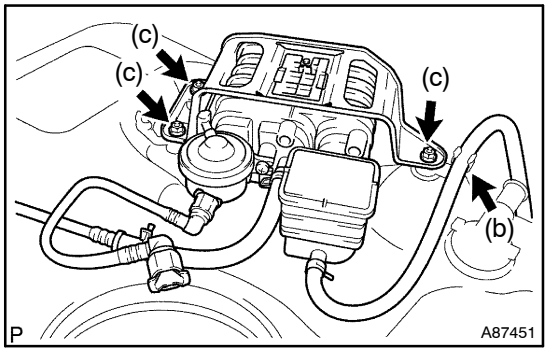
16. REMOVE FUEL PUMP TUBE SUB–ASSY

(a) Separate the 2 claw fittings, then remove the fuel pump tube.

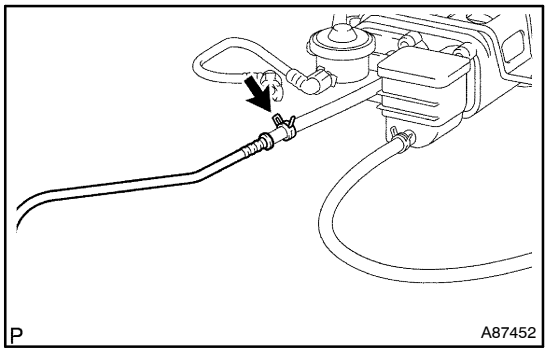


17. REMOVE CHARCOAL CANISTER ASSY

(a) Separate the 2 claw fittings, then remove the fuel tank to canister tube rear.

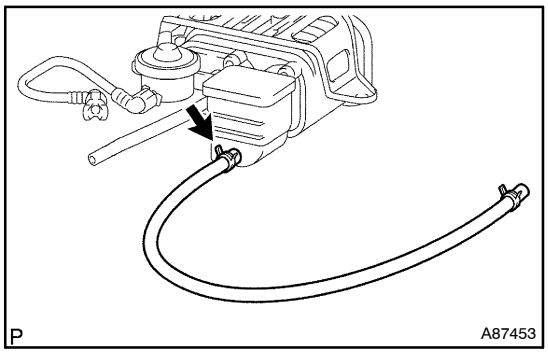


(b) Remove the fuel hose No. 1 from the clamp.
(c) Remove the 3 nuts, then remove the charcoal canister.



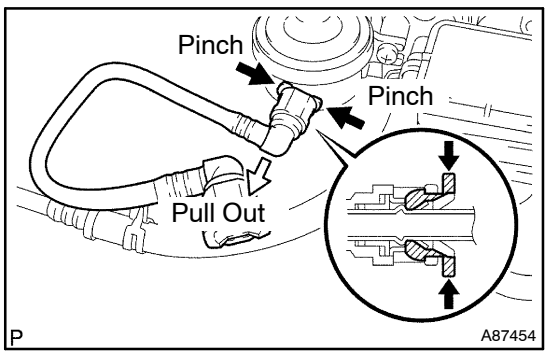
18. REMOVE FUEL TANK TO CANISTER TUBE SUB–ASSY REAR

(a) Remove the fuel tank to canister tube rear from the charcoal canister.



19. REMOVE FUEL HOSE NO.1

(a) Remove the fuel hose No. 1 from the charcoal canister.

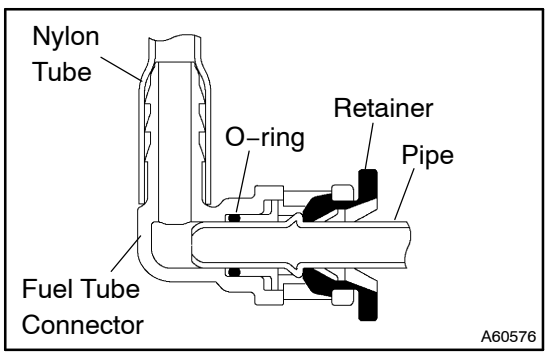


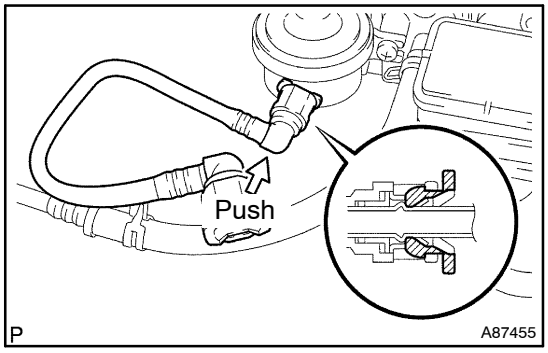
20. REMOVE FUEL EVAPORATION TUBE SUB–ASSY NO.2

(a) Pinch the retainer of the fuel tube connector, then pull out the fuel tube connector to remove the fuel evaporation tube No. 2 from the charcoal canister.

NOTICE:

- **Remove dirt or foreign objects on the fuel tube connector before this work.**
- **Do not allow scratches or foreign objects on the parts when disconnecting as the fuel tube connector has the O–ring that seals the pipe.**
- **Perform this work by hand. Do not use any tools.**
- **Do not forcibly bend, twist or turn the nylon tube.**
- **Protect the connected part by covering it with a vinyl bag after disconnecting the fuel evaporation tube No. 2.**
- **If the fuel tube connector and pipe are stuck, push and pull them to release.**





21. INSTALL FUEL EVAPORATION TUBE SUB–ASSY NO.2

(a) Align the fuel tube connector with the pipe, then push in the fuel tube connector until the retainer makes a ”click” sound to install the fuel evaporation tube No. 2 to the charcoal canister.

NOTICE:

- **Check that there are no scratches or foreign objects around the connected part of the fuel tube connector and pipe before this work.**
- **After connecting the fuel evaporation tube No. 2, check that the fuel evaporation tube No. 2 is securely connected by pulling the fuel tube connector and pipe.**

22. INSTALL FUEL HOSE NO.1

23. INSTALL FUEL TANK TO CANISTER TUBE SUB–ASSY REAR

24. INSTALL CHARCOAL CANISTER ASSY
Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)

25. INSTALL FUEL PUMP TUBE SUB–ASSY

26. INSTALL FUEL TANK ASSY

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

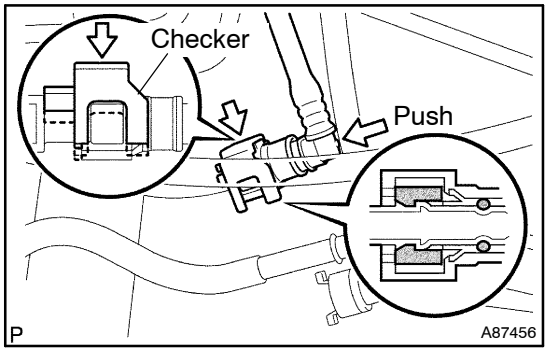
(b) Operate the transmission jack, then install the fuel tank.

(c) Install the fuel tank band No. 1 RH and LH with the 4 bolts.
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

(d) Connect the fuel tank to filler pipe hose to the fuel tank.

(e) Connect the fuel tank breather tube to the fuel tank to filler pipe.

(f) Connect the fuel hose No. 1 to the fuel tank to filler pipe.



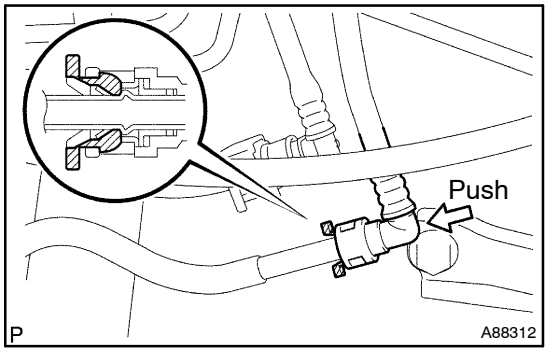
(g) Connect the fuel pump tube.

(1) Align the fuel tube connector with the pipe, then push in the fuel tube connector until the retainer makes a ”click” sound to connect the fuel pump tube to the pipe.

NOTICE:

- **Check that there are no scratches or foreign objects around the connected part of the fuel tube connector and pipe before this work.**
- **After connecting and pipe fuel pump tube, check that the fuel pump tube is securely connected by pulling the fuel tube connector and pipe.**

(2) Install the checker to the pipe.

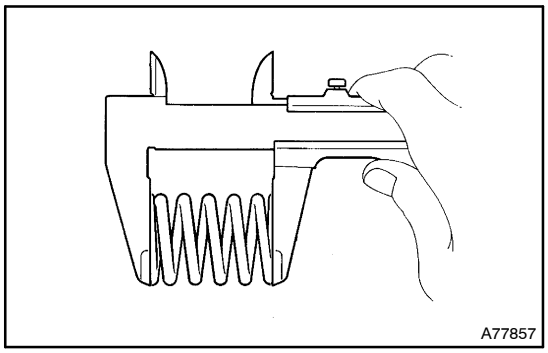


(h) Connect the fuel tank to canister tube rear.
(1) Align the fuel tube connector with the pipe, then push in the fuel tube connector until the retainer makes a ”click” sound to connect the fuel tank to canister tube rear to the pipe.

NOTICE:

- **Check that there are no scratches or foreign objects around the connected part of the fuel tube connector and pipe before this work.**
- **After connecting the fuel tank to canister tube rear, check that the fuel tank to canister tube rear is securely connected by pulling the fuel tube connector and pipe.**

27. INSTALL FUEL TANK PROTECTOR NO.1
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

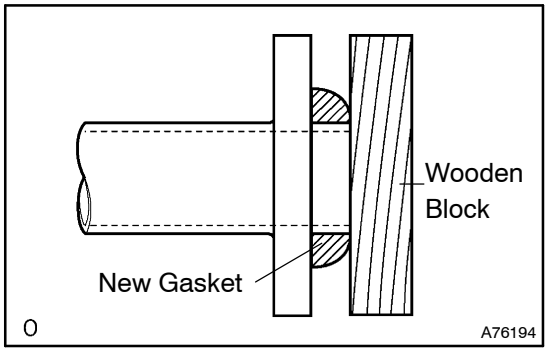


28. INSTALL EXHAUST PIPE ASSY FRONT

(a) Inspect the free length.
(1) Using vernier calipers, measure the free length of the compression spring.

Minimum:
40.5mm (1.594 in.) for Exhaust pipe front x Exhaust manifold
38.5mm (1.516 in.) for Exhaust pipe front x Exhaust pipe tail

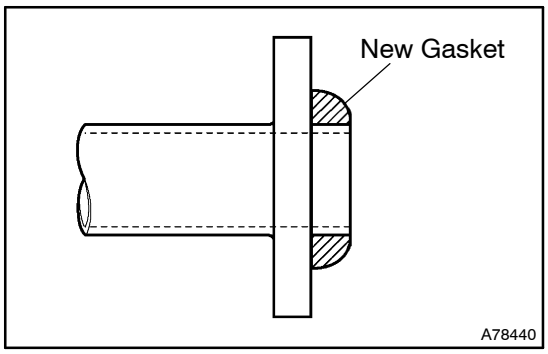
If the free length is less than minimum, replace the compression spring.



(b) Using a wooden block and plastic–faced hammer, tap in a new gasket until it is flush with the exhaust manifold.

NOTICE:

- **Be careful of the installation direction of a new gasket.**
- **Do not reuse the removed gasket.**
- **Never push a new gasket into the exhaust manifold by installing the exhaust pipe front to the exhaust manifold.**



(c) Install a new gasket to the exhaust pipe front.

NOTICE:
Be careful of the installation direction of a new gasket.

(d) Install the exhaust pipe front to the 2 exhaust pipe supports.
(e) Tighten the 4 compression springs and 4 bolts.
Torque: 43 N·m (440 kgf·cm, 32 ft·lbf)
(f) Install the grommet of the heated oxygen sensor to the vehicle.
(g) Connect the heated oxygen sensor connector.

(h) Install the floor carpet front with the clip.

29. INSTALL INSTRUMENT PANEL FINISH PANEL LOWER CENTER
30. INSTALL FRONT FLOOR FOOTREST (RHD STEERING POSITION TYPE) (See page 76–25)
31. ADD FUEL
32. INSTALL FUEL SUCTION W/ PUMP & GAUGE TUBE ASSY (See page 11–25)
    SST 09808–14020 (09808–01410, 09808–01420, 09808–01430)
33. CONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19–2)
34. CHECK FOR FUEL LEAKS (See page 11–7)
35. CHECK FOR EXHAUST GAS LEAKS
36. INSTALL FLOOR PANEL BRACE FRONT (See page 15–2)
37. INSTALL REAR FLOOR SERVICE HOLE COVER (See page 11–25)
38. INSTALL REAR SEAT CUSHION ASSY (See page 72–9)
39. INSTALL REAR FLOOR BOARD NO.3
40. INSTALL DECK FLOOR BOX REAR
41. INSTALL REAR FLOOR BOARD NO.2
42. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01–29)