1111J–01

PRECAUTION

1. PRECAUTION

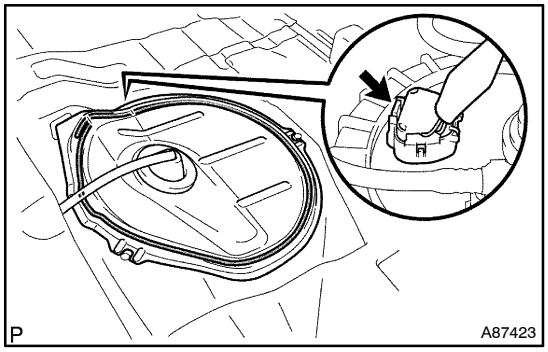
(a) Before working on the fuel system, disconnect the engine wire No. 2 (battery negative terminal).
(b) Do not work on the fuel system near fire. Never smoke during the work.
(c) Keep rubber or leather parts away from gasoline.

2. DISCHARGE FUEL SYSTEM PRESSURE

CAUTION:

- **Before removing the fuel system parts, take precautions to prevent gasoline spill.**
- **As some pressure remains in the fuel line even after taking precautions to prevent gasoline spill, use a shop rag to prevent gasoline splash when disconnecting the fuel line.**

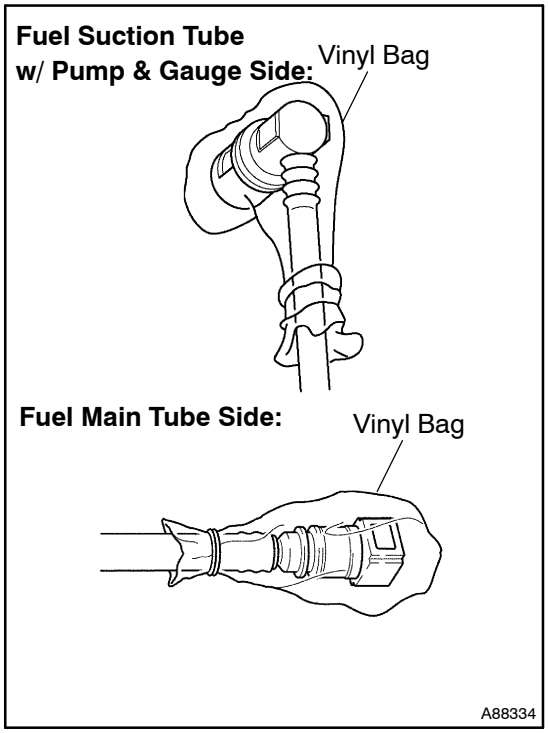
(a) Set the vehicle to the "Inspection mode–2WD inspection" (see page 01–5).
(b) Remove the rear floor board No. 2 (see page 19–2).
(c) Remove the deck floor box rear (see page 19–2).
(d) Remove the rear floor board No. 3 (see page 19–2).
(e) Disconnect the engine wire No. 3 (battery negative terminal) (see page 19–2).
(f) Remove the rear seat (see page 72–9).
(g) Remove the rear floor service hole cover.



(h) Disconnect the fuel pump connector.
(i) Connect the engine wire No. 3 (battery negative terminal) (see page 19–2).
(j) Start the engine.
(k) After the engine stops (rough idle), push the power switch OFF.

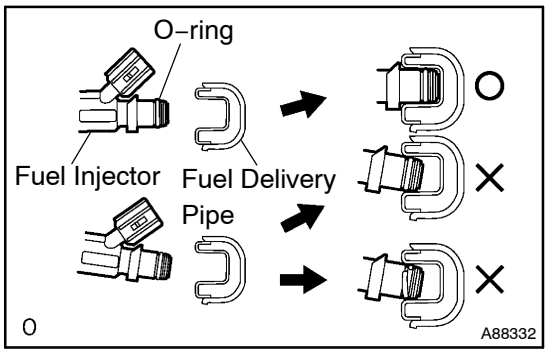
HINT:
DTC P0171 (system to lean) may be present.

(l) Crank the engine again, then check that the engine does not start.
(m) Remove the fuel tank cap, then discharge the pressure in the fuel tank completely.
(n) Disconnect the engine wire No. 3 (battery negative terminal) (see page 19–2).
(o) Connect the fuel pump connector.
(p) Install the rear floor service hole cover.
(q) Install the rear seat (see page 72–9).
(r) Connect the engine wire No. 3 (battery negative terminal) (see page 19–2).
(s) Install the rear floor board No. 3.
(t) Install the deck floor box rear.
(u) Install the rear floor board No. 2.



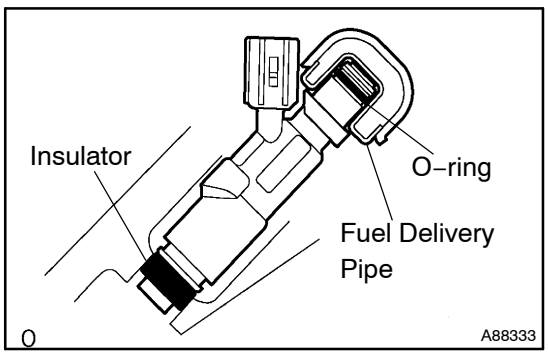
3. FUEL SYSTEM

(a) When disconnecting the high–pressure fuel line, a large amount of gasoline will splash. So take the following precautions.
  (1) Discharge the fuel system pressure (step 2).
  (2) Disconnect the fuel pump tube (see page 11–25, 11–36).
  (3) Drain the pressure remaining in the fuel pump tube.
  (4) Cover the disconnected fuel pump tube (fuel tube joint and fuel tube connector) with a vinyl bag to prevent damage and intrusion of foreign objects.



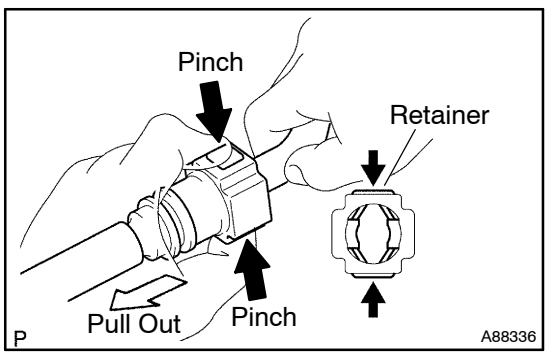
(b) Take the following precautions when removing and installing the fuel injector.
  (1) Do not reuse the O–ring.
  (2) Do not damage a new O–ring when installing it to the fuel injector.
  (3) Before installing a new O–ring, apply spindle oil or gasoline.

NOTICE:
Do not use engine oil, gear oil or brake oil.



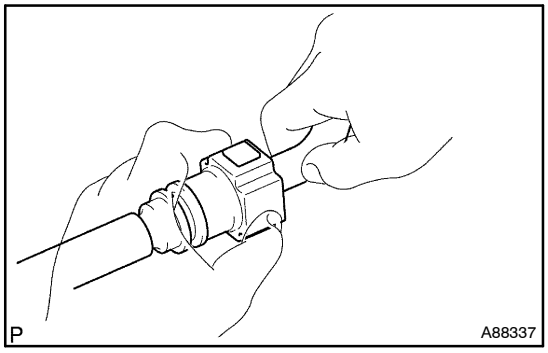
(c) Install the fuel injector to the fuel delivery pipe and cylinder head as illustrated.

NOTICE:
Apply spindle oil or gasoline to the contact surface of the fuel delivery pipe and fuel injector before installing the fuel injector.



(d) Take the following precautions when removing the fuel tube connector (Type A).
  (1) Check the fuel tube connector and pipe for dirt or mud before removing the fuel tube connector.

If dirty, wipe it off with a shop rag.
  (2) Pinch the retainer as illustrated, then pull out the fuel tube connector from the pipe.



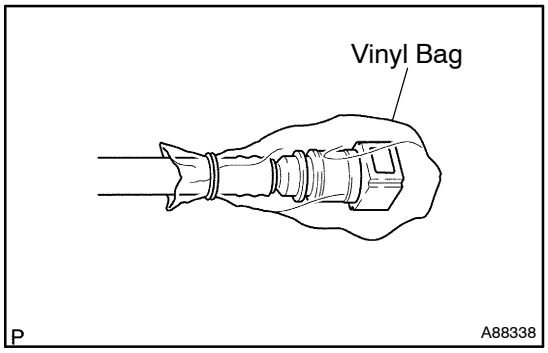
(3) If the fuel tube connector and pipe are stuck, pinch the pipe, then push and pull the fuel tube connector to release and disconnect the fuel tube connector.

NOTICE:

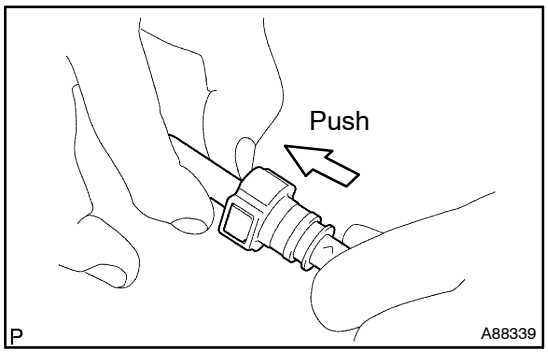
Never use any tools.

(4) After removing the fuel tube, check the sealing surface of the pipe for dirt or mud.

If dirty, wipe it off with a shop rag.



(5) Cover the disconnected fuel tube connector and pipe with a vinyl bag to prevent damage and intrusion of foreign objects.

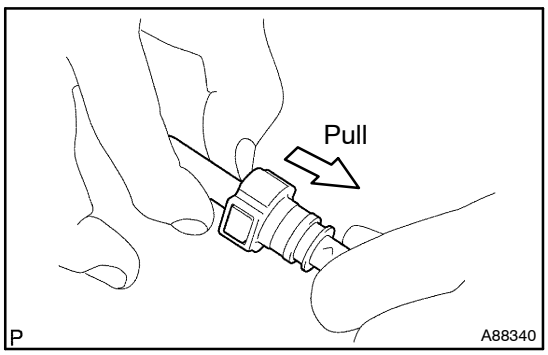


(e) Take the following precautions when installing the fuel tube connector (Type A).

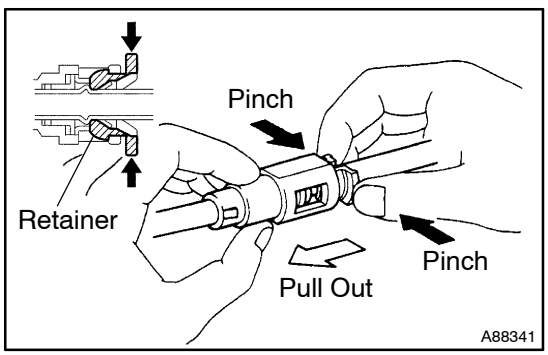
(1) Align the fuel tube connector with the pipe, then push in the fuel tube connector until the retainer makes a ”click” sound.

HINT:

If they are connected too tightly, apply a light coat of engine oil to the tip of the pipe, then install the fuel tube connector.



(2) After connecting the fuel tube connector, check that the fuel tube connector and pipe are securely connected by pulling them.

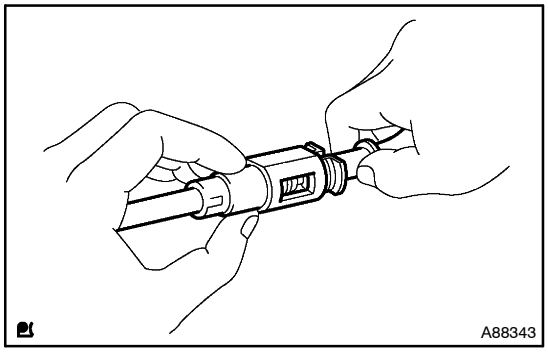


(f) Take the following precautions when removing the fuel tube connector (Type B).

(1) Check the fuel tube connector and pipe for dirt or mud before removing the fuel tube connector

If dirty, wipe it off with a shop rag.

(2) Pinch the retainer as illustrated, then pull out the fuel tube connector from the pipe.



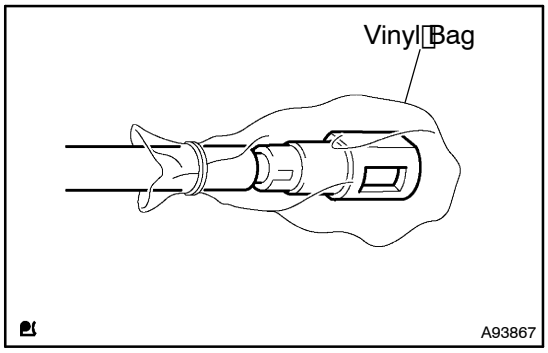
(3) If the fuel tube connector and pipe are stuck, pinch the pipe, then push and pull the fuel tube connector to release and disconnect the fuel tube connector/

NOTICE:

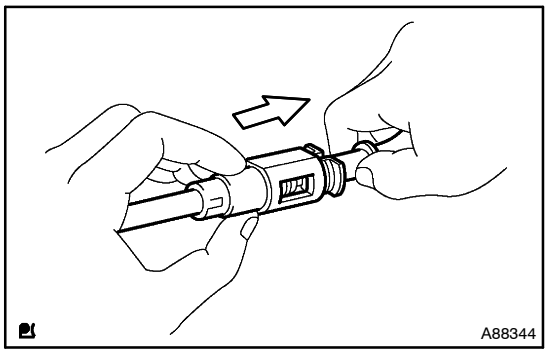
Never use any tools.

(4) After removing the fuel tube, check the sealing surface of the pipe for dirt or mud.

If dirty, wipe it off with a shop rag.



(5) Cover the disconnected fuel tube connector and pipe with a vinyl bag to prevent damage and intrusion of foreign objects.

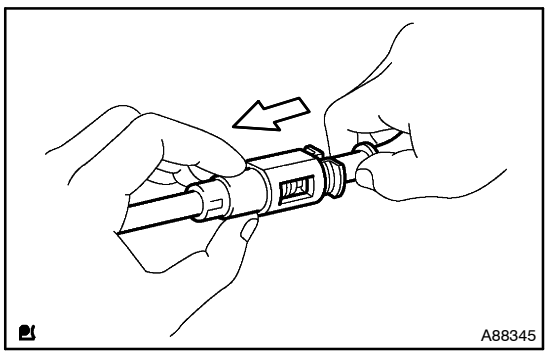


(g) Take the following precautions when installing the fuel tube connector (Type B).

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

HINT:

If they are connected too tightly, apply a light coat of engine oil to the tip of the pipe, then install the fuel tube connector.



(2) After connecting the fuel tube connector, check that the fuel tube connector and pipe are securely connected by pulling them.

4. CHECK FOR FUEL LEAKS

(a) Check that there are no fuel leaks after doing maintenance on the fuel system (see page 11–7).