

FUEL SYSTEM

PRECAUTION

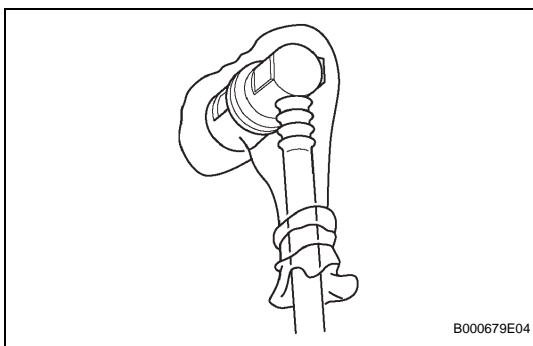
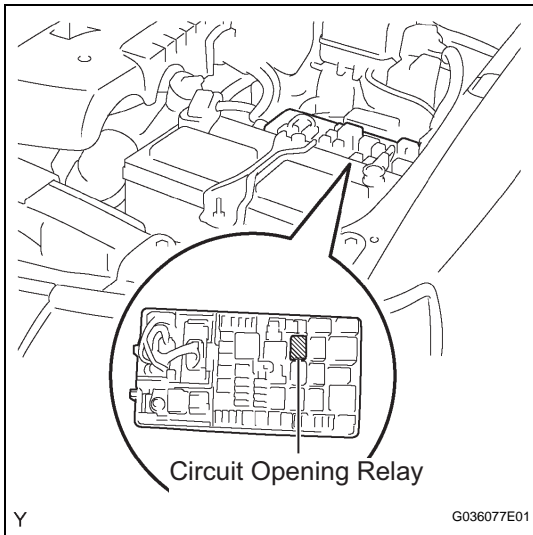
1. PRECAUTION

- (a) Before working on the fuel system, disconnect the cable from the battery negative terminal.
- (b) Do not work on the fuel system near fire. Never smoke during the work.
- (c) Keep rubber and leather parts away from gasoline.

2. DISCHARGE FUEL PRESSURE

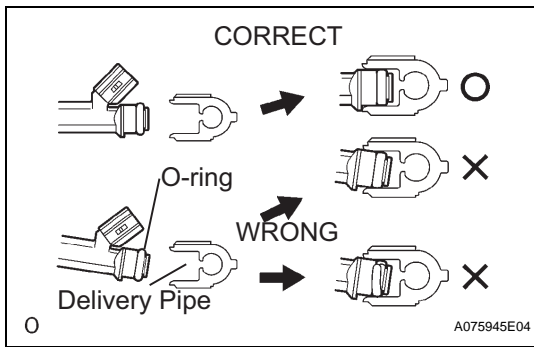
CAUTION:

- Before removing fuel system parts, take precautions to prevent gasoline spillage.
 - As some pressure remains in the fuel line even after taking precautions to prevent gasoline spillage, use a shop rag to prevent gasoline splashes when disconnecting the fuel line.
- (a) Disconnect the cable from the battery negative terminal.
 - (b) Remove the engine relay block cover.
 - (c) Remove the circuit opening relay.
 - (d) Connect the cable to the battery negative terminal.
Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)
 - (e) Start the engine.
 - (f) Turn the ignition switch to ON after the engine stops.
- HINT:
DTC P0171 (system too lean) may be present.
- (g) Crank the engine again and check that the engine stops.
 - (h) Remove the fuel tank cap and discharge the pressure in the fuel tank completely.
 - (i) Install the circuit opening relay.



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 tank main tube (see page [FU-30](#)).
 - (3) Drain the fuel remaining in the fuel tank main tube.
 - (4) Cover the disconnected fuel tank main tube (fuel tube joint and fuel tube connector) with a vinyl bag to prevent damage and the intrusion of foreign objects.

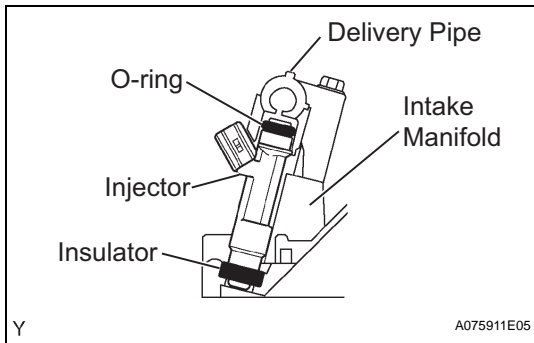


(b) Take the following precautions when installing the fuel injector.

- (1) Do not reuse the O-ring.
- (2) Do not damage a new O-ring when installing it into the fuel injector.
- (3) Before installing a new O-ring, apply gasoline or spindle oil.

NOTICE:

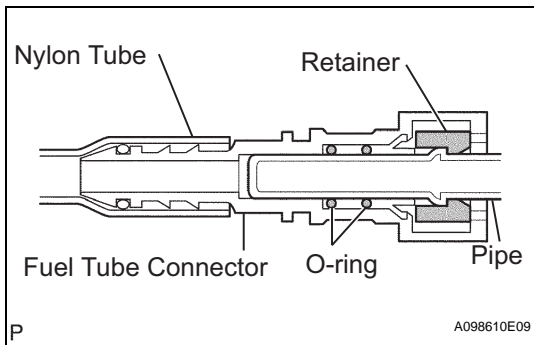
Do not use engine oil, gear oil or brake oil.



- (4) Install the fuel injector into the fuel delivery pipe and cylinder head as illustrated.

NOTICE:

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

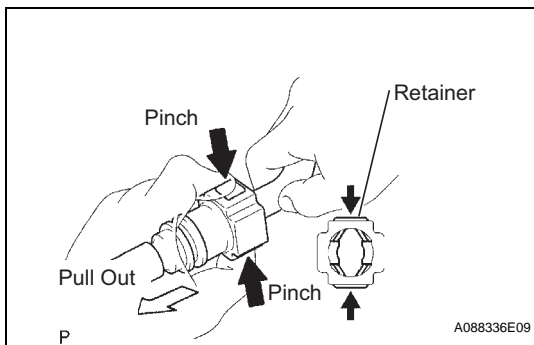


(c) Take the following precautions when disconnecting the fuel tube connector (type A).

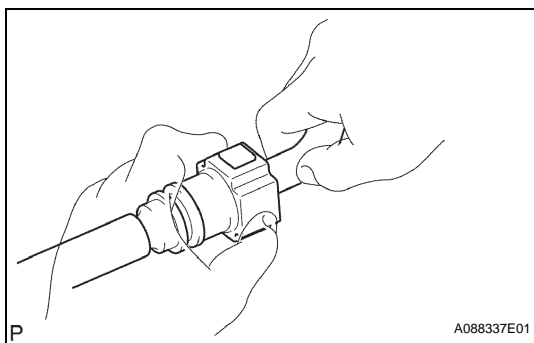
HINT:

The structure of the fuel tube connector is as shown in the illustration.

- (1) Check the fuel tube connector and pipe for dirt and mud before removing the fuel tube connector.
If dirty, wipe it with a shop rag.



- (2) Pinch the retainer as illustrated, and pull the fuel tube connector out of the pipe.

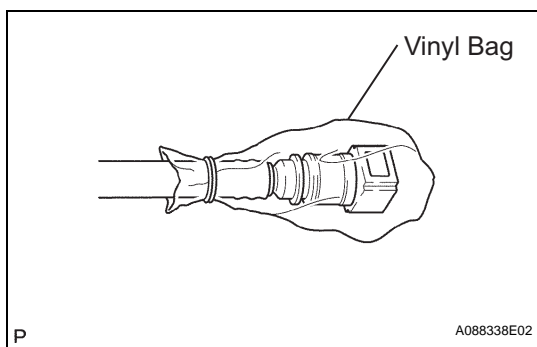


- (3) If the fuel tube connector and pipe are stuck, pinch the pipe, then push and pull the fuel tube connector to release and disconnect it.

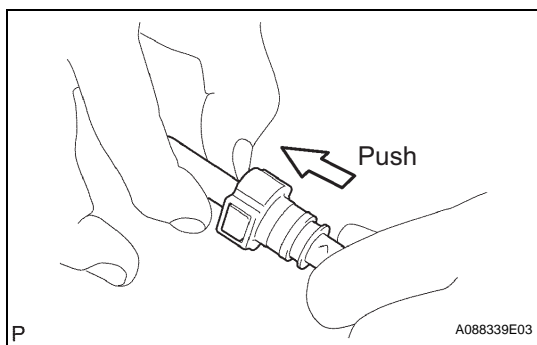
NOTICE:

Never use any tools.

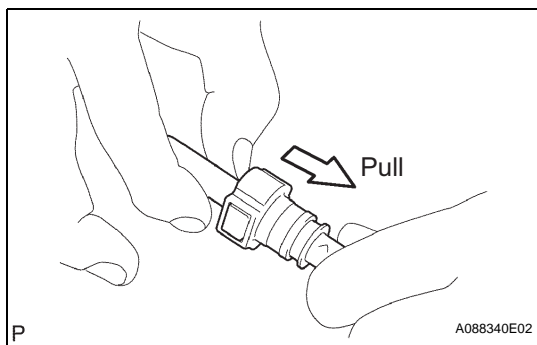
- (4) After removing the fuel tube, check the sealing surface of the pipe for dirt and mud.
If dirty, wipe it with a shop rag.



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



- (d) 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.



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