

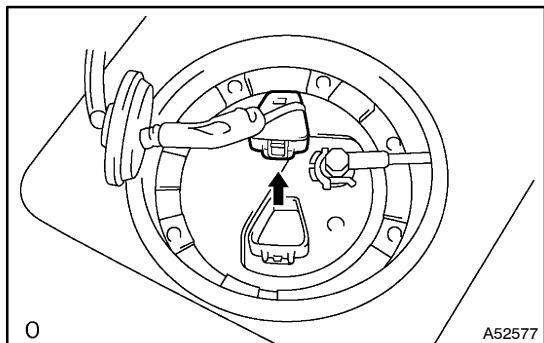
# FUEL SYSTEM (1AZ-FE)

1105Y-01

## PRECAUTION

### 1. PRECAUTION

- (a) Before working on fuel system, disconnect negative (-) terminal cable from battery.
- (b) Do not smoke or work near an open flame when working on fuel system.
- (c) Keep gasoline away from rubber or leather parts.

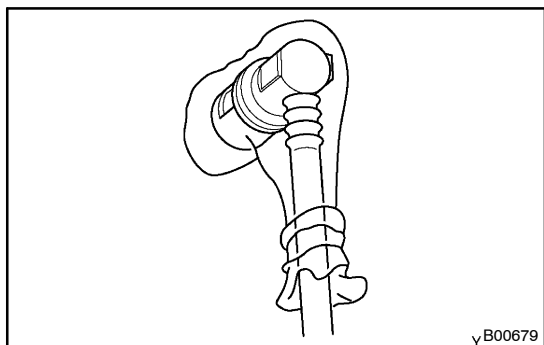


### 2. WORK FOR PREVENT GASOLINE FROM SPILLING OUT

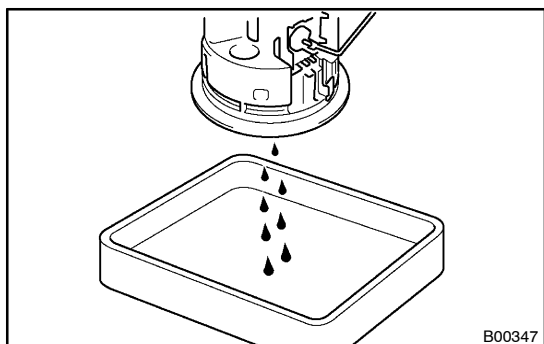
- (a) Disconnect the fuel pump connector.
- (b) Start the engine. After the engine has stopped on its own, turn the ignition switch to LOCK.
- (c) Disconnect negative (-) terminal cable from battery.
- (d) Connect the fuel pump connector.

### 3. FUEL SYSTEM

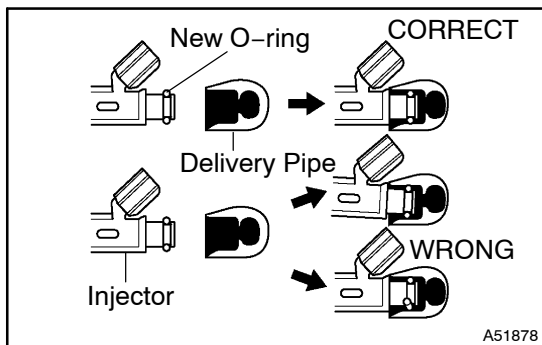
- (a) When disconnecting the high fuel pressure line, a large amount of gasoline will spill out, so observe these procedures.
  - (1) Work for prevent gasoline from spilling out.
  - (2) Disconnect the fuel pump tube.  
(See page 1-13)
  - (3) Drain the fuel remained inside the fuel pump tube.



- (4) Prevent the disconnected fuel pump tube from damaging and mixing foreign objects by covering them with a vinyl bag.

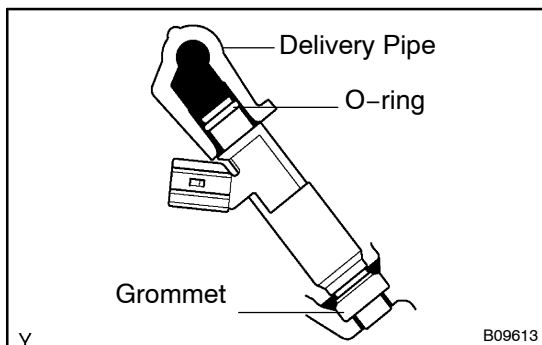


- (5) Put a container under the connection.

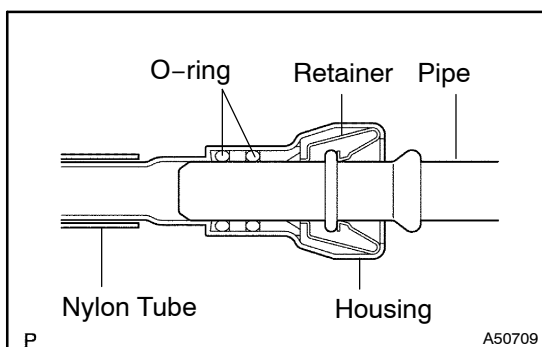


(b) Observe these precautions when removing and installing the injector.

- (1) Never reuse the O-ring.
- (2) When placing a new O-ring on the injector, take care not to damage it in any way.
- (3) Coat a new O-ring with spindle oil or gasoline before installing. Never use engine, gear or brake oil.



(c) Install the injector to the delivery pipe and cylinder head, as shown in the illustration. Before installing the injector, be sure to apply spindle oil or gasoline on the place where the delivery pipe touches O-ring of the injector.

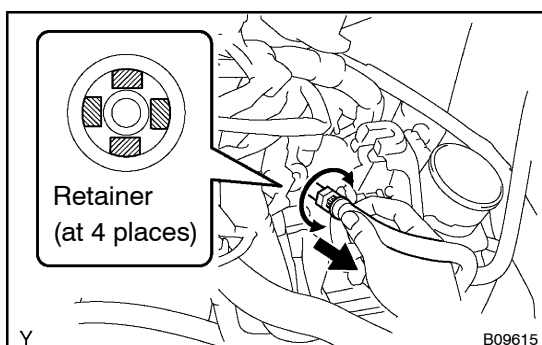
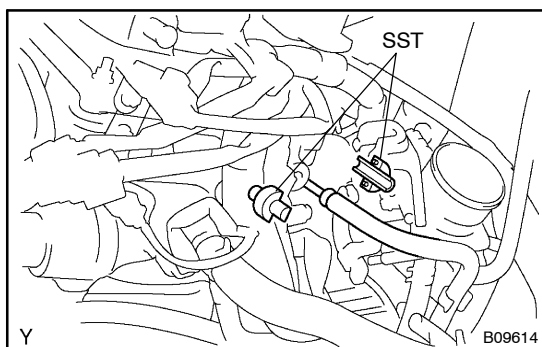


(d) Observe these precautions when disconnecting the fuel delivery pipe.

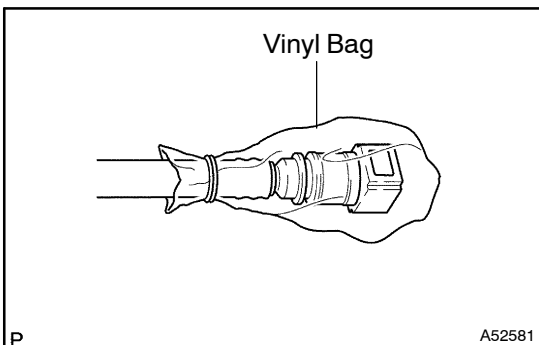
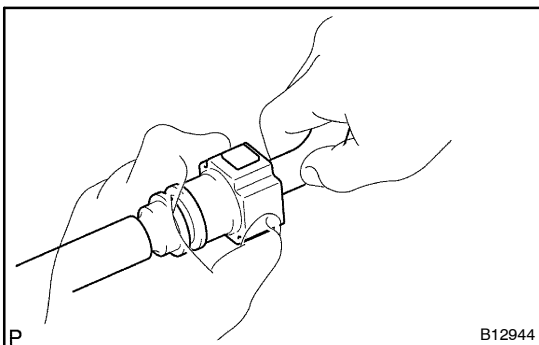
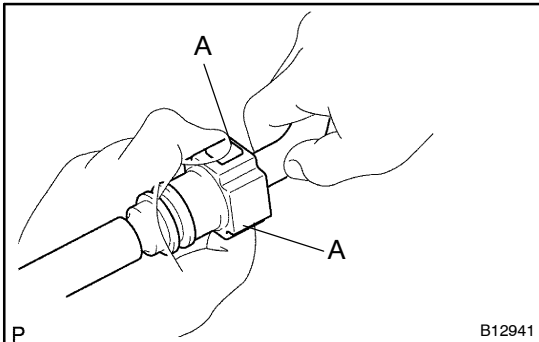
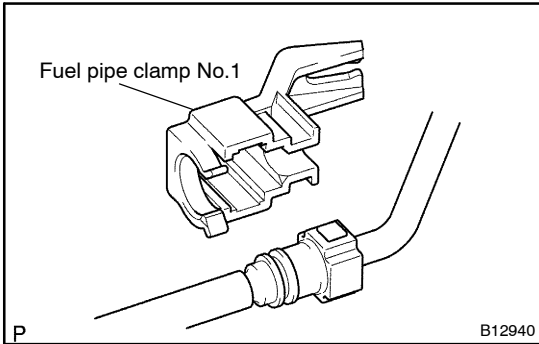
**HINT:**

The structure of the metallic connector is shown as left.

- (1) Remove the fuel pipe clamp No.2.
- (2) Find the metallic connector of the fuel tube assembly, pull it out towards the rear and hold it as it is.
- (3) Assemble SST to the connection as shown.  
SST 09268-21010



- (4) Turn SST, align the retainers inside the connector with SST chamfered parts and insert SST into the connector.
- (5) Slide SST and the connector together towards the fuel tube assembly.



(e) Observe these following precautions when disconnecting the fuel tube connector (quick type).

- (1) Remove the fuel pipe clamp No.1.
- (2) Check if there is any dirt like mud on the pipe and around the connector before disconnecting them and clean the dirt away.

- (3) Disconnect the connector from the hose while pinching part A with fingers as shown in the illustration.

- (4) When the connector and the pipe are stuck, pinch the fuel pipe between the hands, push and pull the connector to free to disconnect and pull it out. Do not use any tool at this time.

- (5) Inspect if there is any dirt or the likes on the seal surface of the disconnected pipe and clean it away.

- (6) Prevent the disconnected pipe and connector from damaging and mixing foreign objects by covering them with a vinyl bag.

**4. CHECK FUEL LEAK**

- (a) Check that there are no fuel leaks after doing maintenance anywhere on the fuel system.
- (1) Connect the hand-held tester to the DLC3.
  - (2) Turn the ignition switch ON and hand-held tester main switch ON.

**NOTICE:****Do not start the engine.**

- (3) Select the ACTIVE TEST mode on the hand-held tester.
- (4) If you have no hand-held tester, connect the positive (+) and negative (-) leads from the battery to the fuel pump connector.
- (5) Check that there are no leaks from any part of the fuel system.
- (6) Turn the ignition switch to LOCK.
- (7) Disconnect the hand-held tester from the DLC3.

