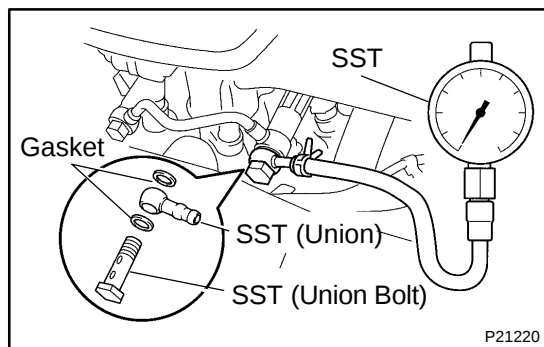




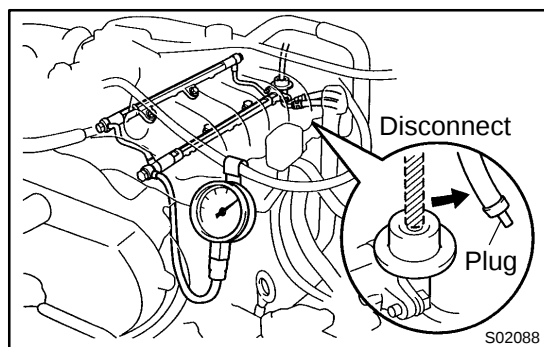
- (e) Install SST (pressure gauge) to the delivery pipe with the 2 gaskets and SST (union and union bolt).
SST 09268-45014
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)
- (f) Wipe off any splattered gasoline.
- (g) Connect a TOYOTA hand-held tester to the DLC3 (See step 1).
- (h) Reconnect the negative (-) terminal cable to the battery.
- (i) Turn the ignition switch ON.
- (j) Measure the fuel pressure.

Fuel pressure:**265 - 304 kPa (2.7 - 3.1 kgf/cm², 38 - 44 psi)**

If pressure is high, replace the fuel pressure regulator.

If pressure is low, check the fuel hoses, fuel hose connections, fuel pump, fuel filter, fuel pressure regulator and VSV for the fuel pressure control.

- (k) Disconnect the TOYOTA hand-held tester from the DLC3.
- (l) Reinstall the No.2 timing belt cover with the 6 bolts.
Torque: 9 N·m (90 kgf·cm, 80 in·lbf)
- (m) Start the engine.



- (n) Disconnect the vacuum sensing hose from the fuel pressure regulator, and plug the hose end.
- (o) Measure the fuel pressure at idle.
- (p) Reconnect the vacuum sensing hose to the fuel pressure regulator.
- (q) Measure the fuel pressure at idle.

Fuel pressure:**226 - 265 kPa (2.3 - 2.7 kgf/cm², 33 - 38 psi)**

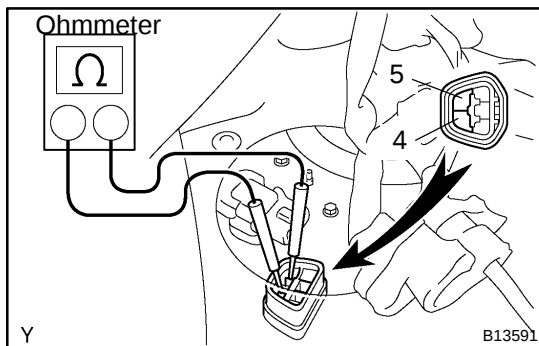
If pressure is not as specified, check the vacuum sensing hose and fuel pressure regulator.

- (r) Stop the engine.
- (s) Check that the fuel pressure remains as specified for 5 minutes after the engine has stopped.

Fuel pressure: 147 kPa (1.5 kgf/cm², 21 psi) or more

If pressure is not as specified, check the fuel pump, pressure regulator and/or injectors.

- (t) After checking fuel pressure, disconnect the negative (-) terminal cable from the battery and carefully remove the SST to prevent gasoline from splashing.
SST 09268-45012
 - (u) Remove the other union bolt, 3 gaskets and fuel pipe from the delivery pipes.
 - (v) Reinstall the fuel pipe with 4 new gaskets and the 2 union bolts.
- Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)**
- (w) Reconnect the negative (-) terminal cable to the battery.
 - (x) Check for fuel leaks (See page [SF-1](#)).

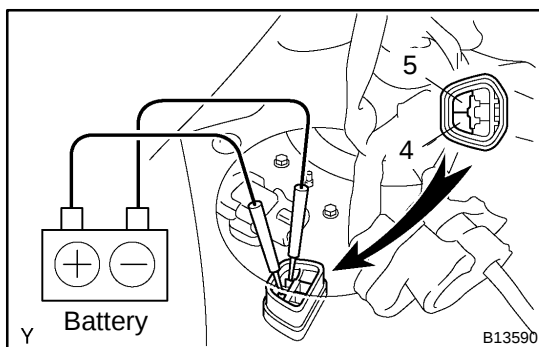


3. INSPECT FUEL PUMP RESISTANCE

- (a) Pull up the LH rear seat cushion.
- (b) Remove the floor service hole cover with the 3 screws.
- (c) Disconnect the fuel pump connector.
- (d) Using an ohmmeter, measure the resistance between terminals 4 and 5.

Resistance: 0.2 - 0.3 Ω at 20°C (68°F)

If the resistance is not specified, replace the fuel pump and/or set plate.



4. INSPECT FUEL PUMP OPERATION

- (a) Connect the positive (+) lead from the battery to terminal 4 of the connector, and the negative (-) lead to terminal 5. Check that the fuel pump operations.

NOTICE:

- **These tests must be done quickly (within 10 seconds) to prevent the coil from burning out.**
- **Keep the fuel pump as far away from the battery as possible.**
- **Always do switching at the battery side.**

If operation is as not specified, replace the fuel pump and/or set plate.

- (b) Connect the fuel pump connector.
- (c) Install the floor service hole cover with the 3 screws.
- (d) Connect the LH rear seat cushion.