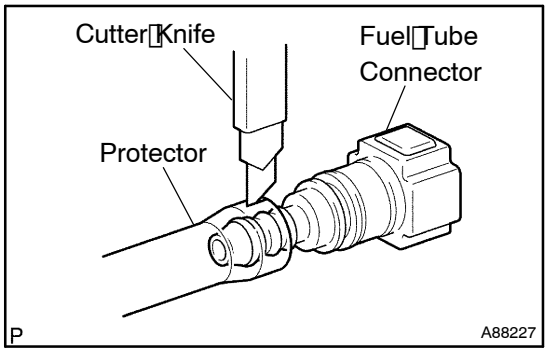
1111K–01

ON–VEHICLE INSPECTION



1. CHECK FUEL PRESSURE

(a) Prepare for the inspection.

(1) Prepare a new fuel tube.

HINT:

Part No. 23901–21080

(2) Using a cutter knife, cut off the protector of the fuel tube as illustrated. Tear off the protector by hand, then remove the fuel tube connector.

NOTICE:

If the protector is cut too deeply using a cutter, the O–ring of the fuel tube connector will be damaged.

(b) Discharge fuel system pressure (see page 11–3).

(c) Remove the rear floor board No. 2 (see page 19–2).

(d) Remove the deck floor box rear (see page 19–2).

(e) Remove the rear floor board No. 3 (see page 19–2).

(f) Using a voltmeter, measure battery voltage.

Standard: 9.0 to 14 V

(g) Disconnect the engine wire No. 3 (battery negative terminal) (see page 19–2).

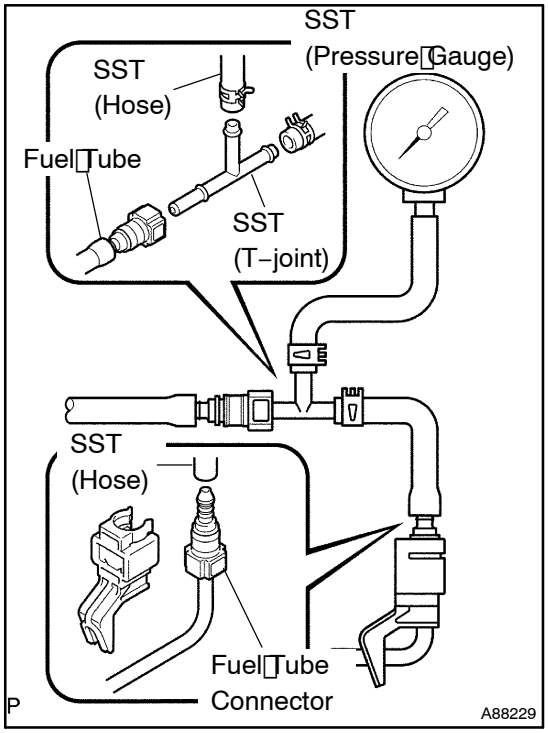
(h) Disconnect the fuel tube (see page 11–16).

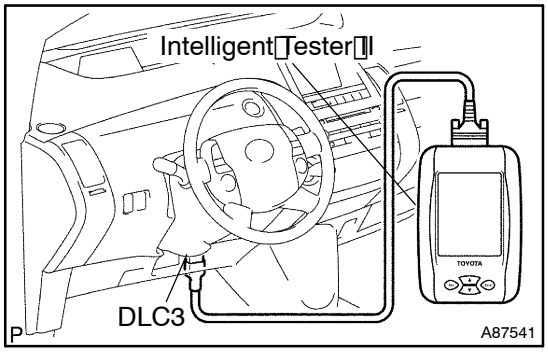
(i) Install SST and the fuel tube connector to the vehicle.

SST 09268–41047 (95336–08070), 09268–45014 (09268–41200, 09268–41220, 09268–41250)

(j) Wipe off the spilt gasoline.

(k) Connect the engine wire No. 3 (battery negative terminal) (see page 19–2).



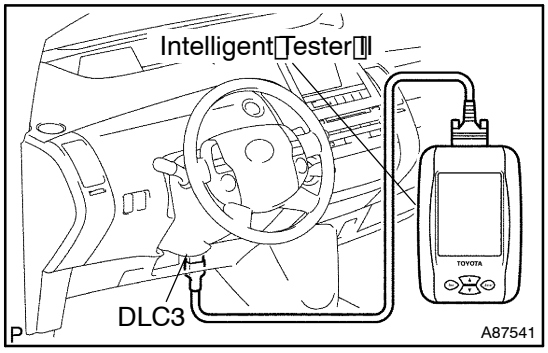


(l) Connect the intelligent tester II to the DLC3.
(m) Measure the fuel pressure.
Standard:
304 to 343 kPa (3.1 to 3.5 kgf/cm², 44 to 50 psi)
- If the fuel pressure is greater than the standard value, replace the fuel pump.
- If the fuel pressure is less than the standard value, check that connection of the fuel hose and the fuel pump.

(n) Disconnect the intelligent tester II from the DLC3.
(o) Set the vehicle to the "Inspection mode–2WD inspection" (see page 01–5).
(p) Start the engine.
(q) Measure the fuel pressure at idle.
Standard:
304 to 343 kPa (3.1 to 3.5 kgf/cm², 44 to 50 psi)
(r) Stop the engine.
(s) After stopping the engine, check that the fuel pressure does not change for 5 minutes.
Standard: 147 kPa (1.5 kgf/cm², 21 psi) or more

If the fuel pressure is not as specified, check that fuel pump or fuel injector (see page 11–9).

(t) After measuring the fuel pressure, disconnect the engine wire No. 3 (battery negative terminal). Remove SST and the fuel tube connector while paying attention to prevent gasoline splash.
(u) Connect the fuel tube (see page 11–16).



2. CHECK FUEL PUMP

(a) Connect the intelligent tester II to the DLC3.
(b) Push the power switch twice without depressing the brake pedal (IG ON).

NOTICE:
Do not start the engine.

(c) Turn the intelligent tester II ON.
(d) On the intelligent tester II, select the item: Powertrain / Engine and ECT / Active Test / Control the Fuel Pump / Speed.
(e) Check the fuel pump operation while operating it with the intelligent tester II.

If the fuel pump does not operate, replace the fuel pump.

3. CHECK FOR FUEL LEAKS

(a) Check that there are no leaks in the fuel system while fuel pressure is applied.