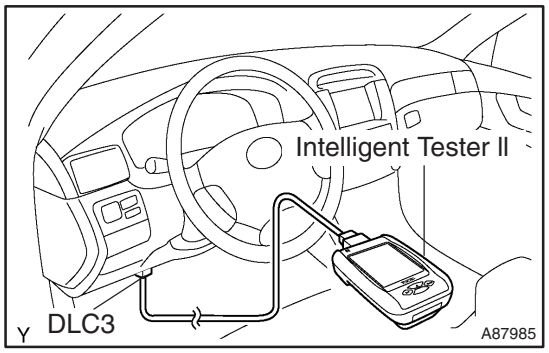
FUEL SYSTEM (1KD–FTV)(From August, 2004)

ON–VEHICLE INSPECTION

110M1–04



1. CHECK FUEL LEAK

CAUTION:

- **During Active Test mode, engine speed goes high and combustion noise becomes loud, so pay attention.**
- **During Active Test mode, fuel becomes high–pressured, so take much care not to expose your eyes, hands, or body to the escaped fuel.**

(a) Check that there are no leaks from any part of the fuel system at the engine stops.

If there is fuel leakage, replace the parts.

(b) While cranking or start the engine, check that there are no leaks from any part of the fuel system.

If there is fuel leakage, replace the parts.

(c) Disconnect the return hose from the common rail.

(d) While cranking the engine, check for fuel leaks from the return pipe.

If there is fuel leakage, replace the common rail assembly (See page 11–67).

(e) Connect the intelligent tester II to the DLC3.

(f) Start the engine and push the intelligent tester II main switch ON.

(g) Select the Fuel Leak test of Active Test mode on the intelligent tester II.

(h) When not using the intelligent tester II, depress the accelerator pedal quickly and fully to increase the engine speed at maximum and keep it for 2 seconds. Repeat this operation several times.

(i) Check that there are no leaks from any part of the fuel system.

NOTICE:

If the leakage from the return pipe is less than 10 cc (0.6 cu in.) in a minute, it is acceptable.

If there is fuel leakage, replace the parts.

(j) Reconnect the return hose to the common rail.