DI9UZ–01

Injector Circuit

CIRCUIT DESCRIPTION

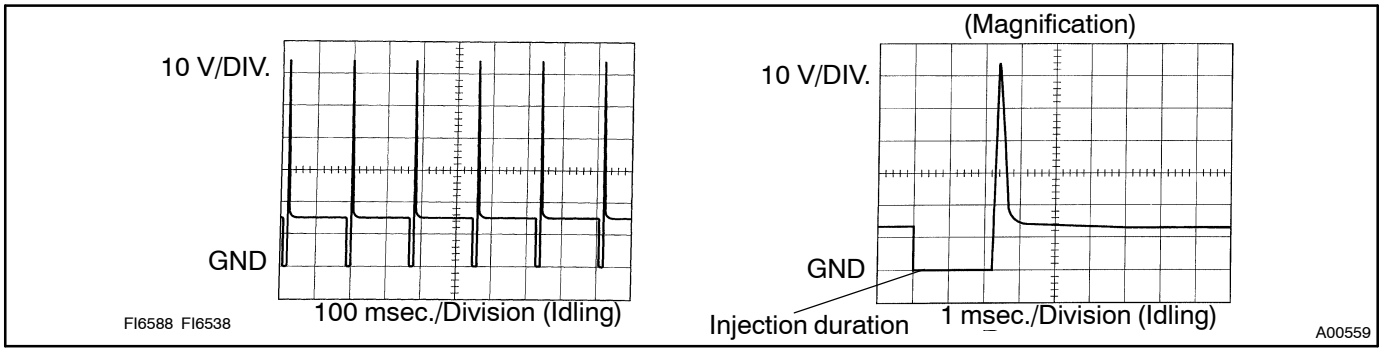
The injectors are situated in the carburetor. They inject fuel into the intake manifold based on the signals from the engine ECU.

Reference: INSPECTION USING OSCILLOSCOPE

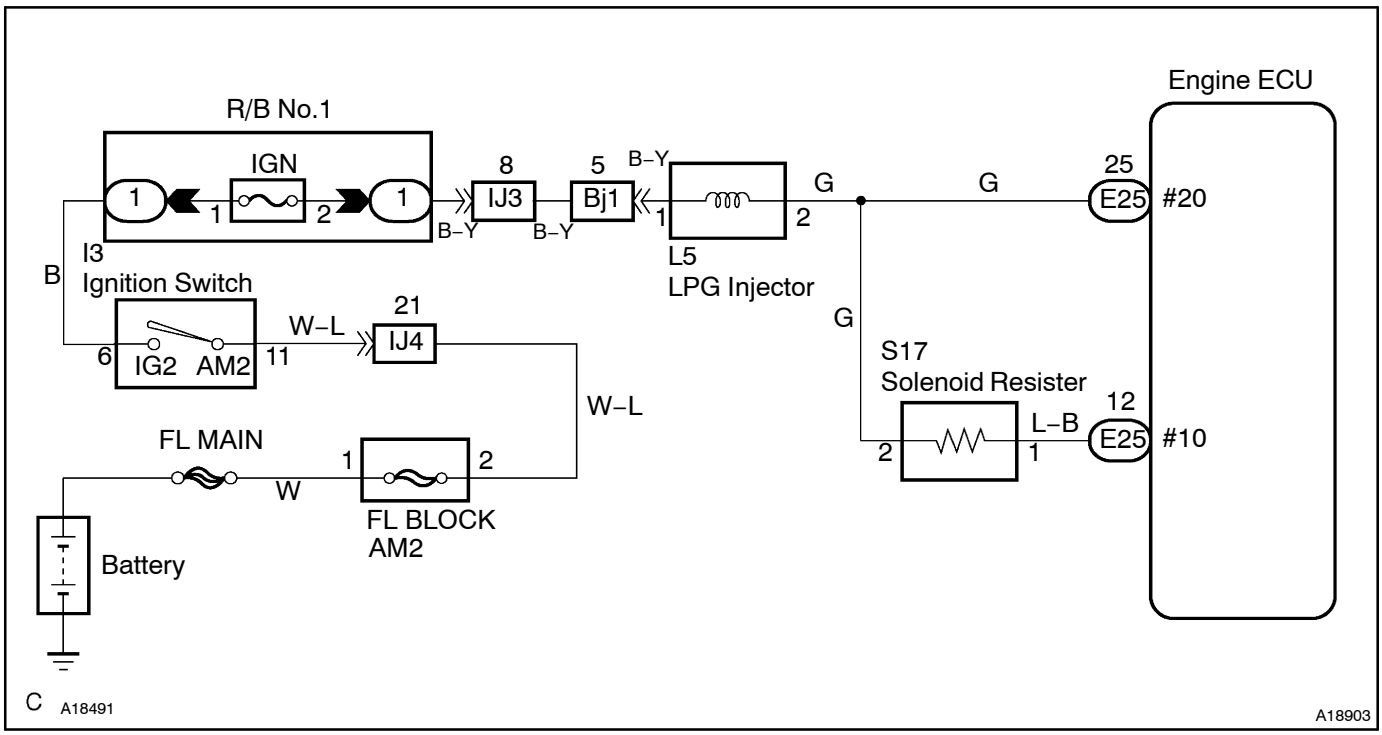
With the engine idling, check the waveform between terminals #10 and E01 of the engine ECU connector.

HINT:

The correct waveform is as shown.

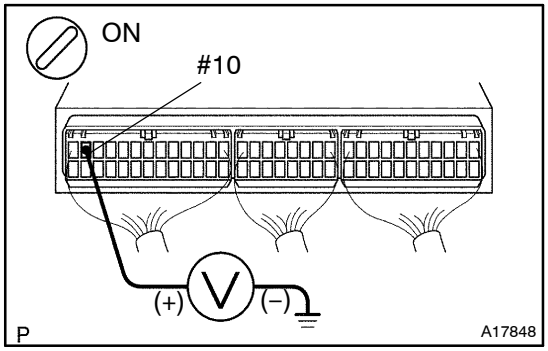


WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check voltage between terminal #10 of engine ECU and body ground.**



PREPARATION:

(a) Remove the side trim bracket (See page FU–48).

(b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal #10 of the engine ECU connector and body ground.

OK:

Voltage: 9 – 14 V

OK	**Check and replace engine ECU (See page IN–20)**

NG

2	**Check injector resistance (See page FU–27).**

NG	**Replace injector.**

OK

3	**Check IGN fuse (See page DI–67).**

OK	**Check for short in all harness and components connected to IGN fuse.**

OK

4	**Check ignition switch (See page DI–67).**

NG	**Replace ignition switch.**

OK

5	Check AM2 fuel (See page DI–67).

NG → Check for short in all harness and components connected to AM2 fuse.

OK

Check for open in harness and connector between engine ECU and battery.