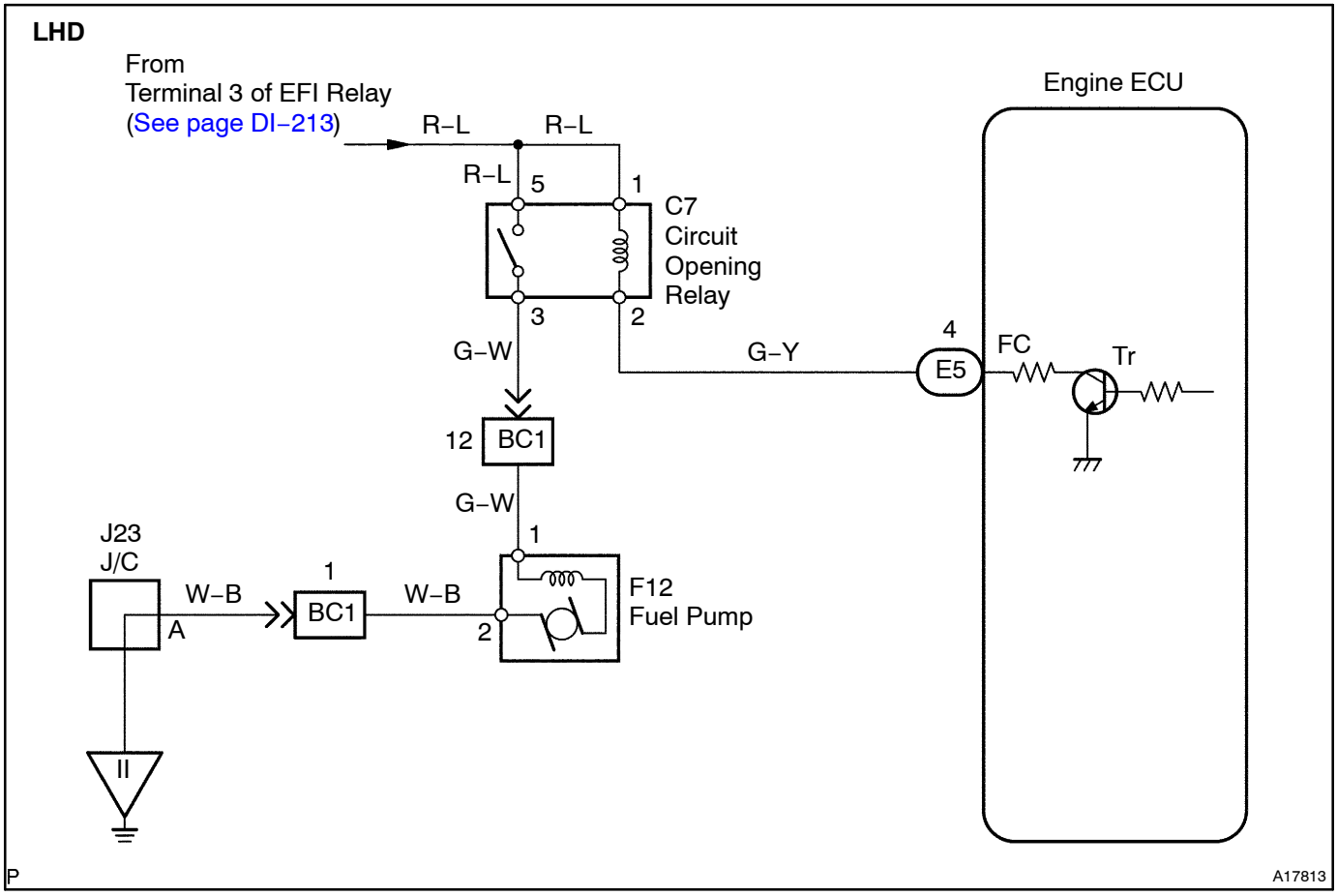
DI9RQ–01

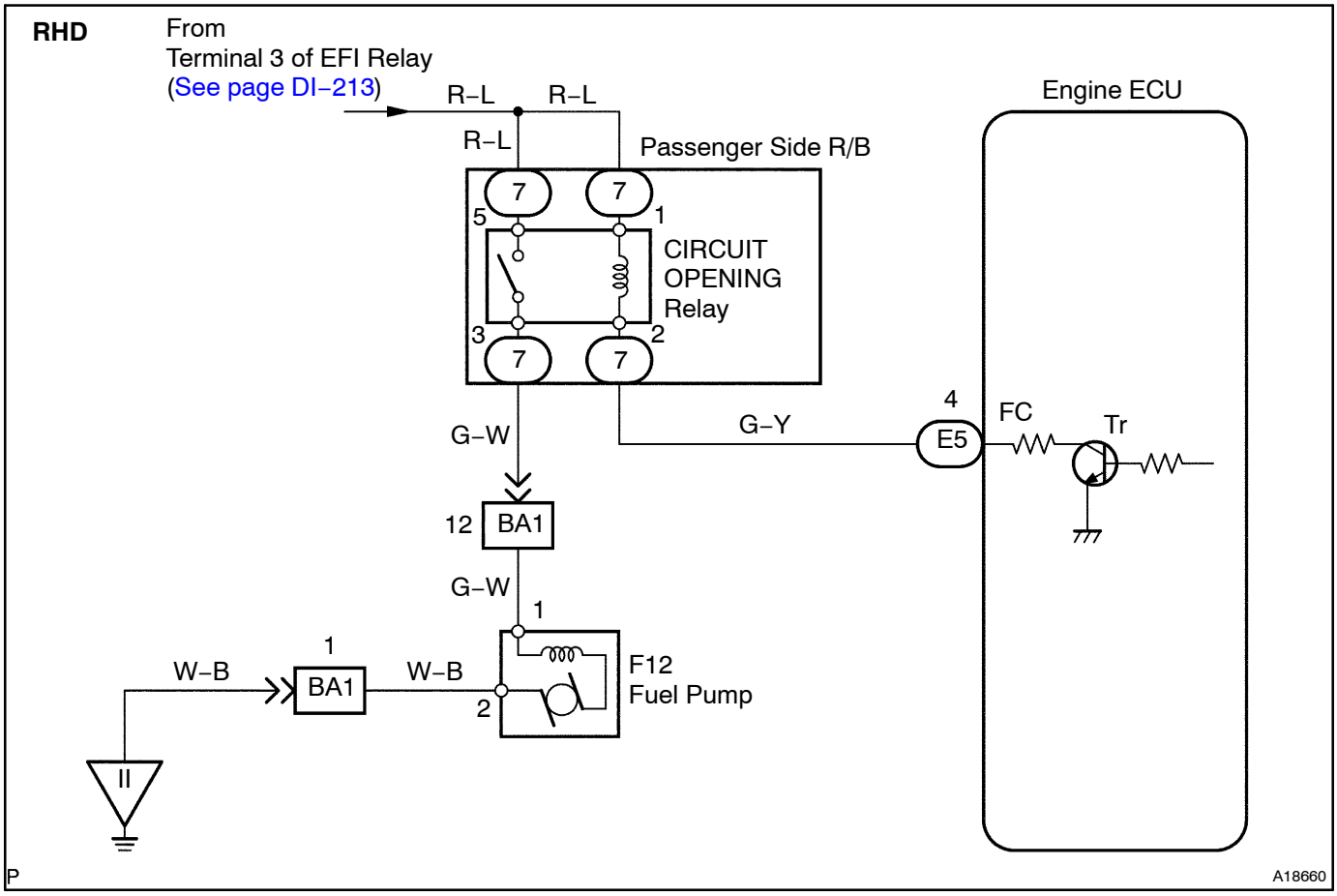
Fuel Pump Control Circuit

CIRCUIT DESCRIPTION

In the diagram below, when the engine is cranked, current flows from terminal ST of the ignition switch to the STA fuse and also current flows to terminal STA of engine ECU (STA signal).
When the STA signal and NE signal are input to the engine ECU, Tr is turned ON, current flows to coil of the circuit opening relay, the relay switches on, power is supplied to the fuel pump and the fuel pump operates. While the NE signal is generated (engine running), the engine ECU keeps Tr ON (circuit opening relay ON) and the fuel pump also keeps operating.

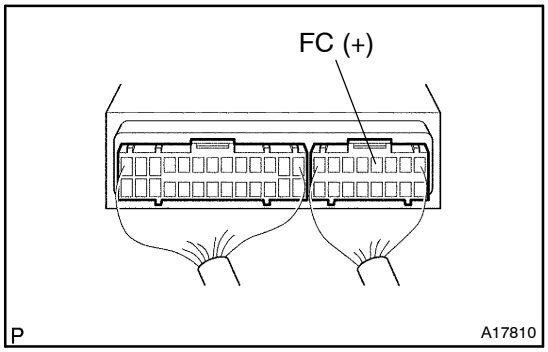
WIRING DIAGRAM





INSPECTION PROCEDURE

1	**Check voltage terminal FC.**



PREPARATION:

(a) Remove the glove compartment.

(b) Turn the ignition switch ON.

CHECK:

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

OK:

Voltage: 9 – 14 V

OK	**Check and replace engine ECU (See page IN–19).**

NG

2	Check for ECU power source circuit (See page DI–213).

NG → Repair or replace.

OK

3	Check circuit opening relay (See Pub. No. RM584E).

NG → Replace circuit opening relay.

OK

4	Check for open in harness and connector between EFI main relay (Marking: EFI) and circuit opening relay, and circuit opening relay and engine ECU (See page IN–19).

NG → Repair or replace harness or connector.

OK

5	Check fuel pump (See Pub. No. RM584E).

NG → Replace fuel pump.

OK

Check for open in harness and connector between circuit opening relay and fuel pump, and fuel pump and body ground.