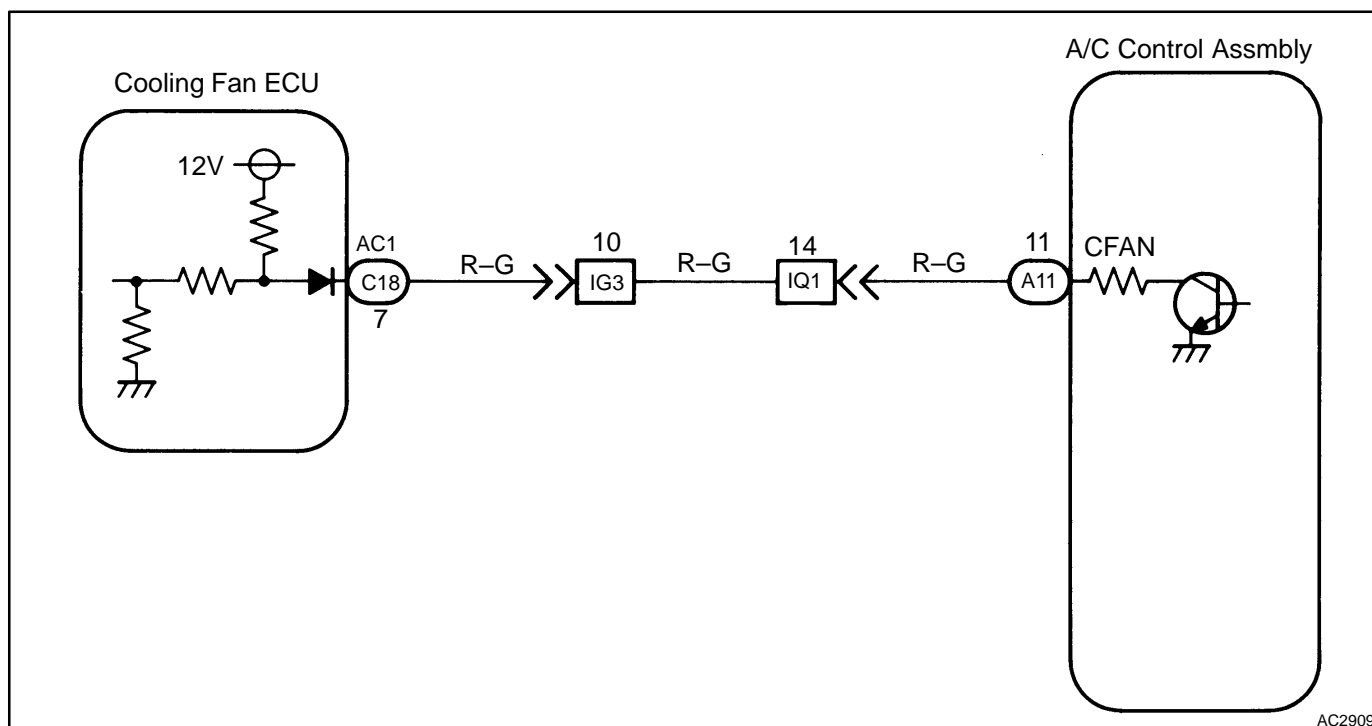


Communication Line with Cooling Fan ECU

CIRCUIT DESCRIPTION

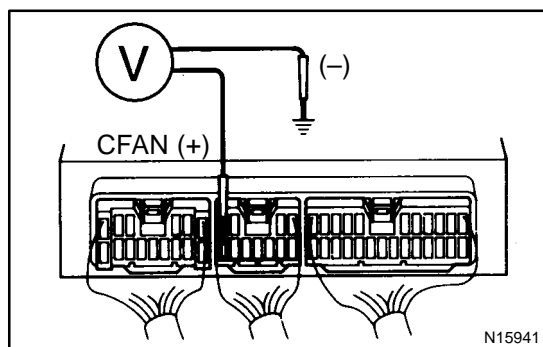
When the magnetic clutch relay is ON and the required outlet air temp. is below a predetermined value, the A/C control assembly turns ON Tr1 inside the ECU. (Terminal voltage at the CFAN terminal is almost 0V). As a result, the cooling fan ECU increases the speed of the cooling fan as required and increases the cooling performance of the condensor.

WIRING DIAGRAM



INSPECTION PROCEDURE

- 1 Check operation for CFAN terminal of A/C control assembly.



CHECK:

Measure voltage between terminal CFAN of A/C control assembly connector and body ground when set temp. is set to MAX COLD and MAX HOT.

OK:

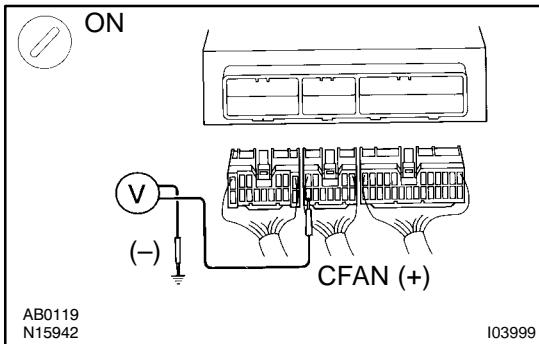
Set Temp.	Voltage
MAX COLD	Below 1 V
MAX HOT	10 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart (See page DI-821).

NG

2 Check voltage between terminal FAN of A/C control assembly connector and body ground.



PREPARATION:

- (a) Disconnect the A/C control assembly with connector.
- (b) Turn ignition switch ON.

CHECK:

Measure voltage between terminal CFAN of A/C control assembly connector and body ground.

OK:

Voltage: 10 – 14 V

OK

Check and replace A/C control assembly.

NG

3 Check for open and short in harness and connector between A/C control assembly and cooling fan ECU (See page [IN-29](#)).

NG

Repair or replace harness or connector.

OK

Check and replace cooling fan ECU.