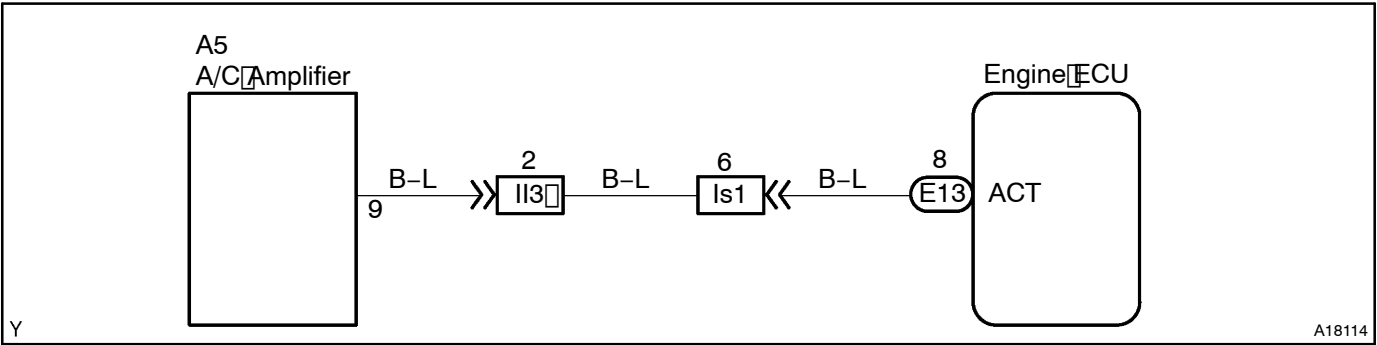


A/C Cut Control Circuit

CIRCUIT DESCRIPTION

This circuit cuts air conditioning operation during the vehicle acceleration in order to improve the acceleration performance. During acceleration with the vehicle speed at 30 km/h (19 mph) or less and the accelerator pedal opening angle at 45° or more, the A/C magnetic switch is turned off for several seconds. The air conditioning is also controlled by the ECU that outputs the engine coolant temperature to the A/C amplifier.

WIRING DIAGRAM



INSPECTION PROCEDURE

When using hand-held tester

1	Check operation of air conditioning cut control on hand-held tester.
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OK:

A/C magnetic clutch disengages.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-18).

NG

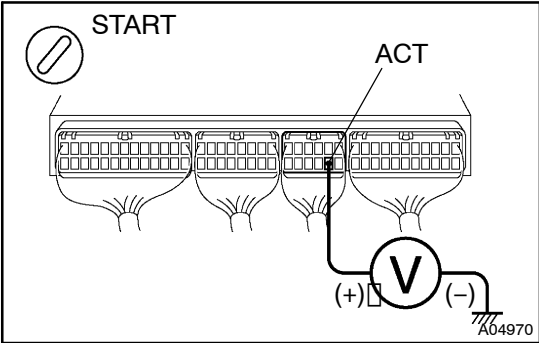
2	Check for open and short in harness and connector between engine ECU and A/C amplifier (See page IN-19).
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NG

Repair or replace harness or connector.

OK

3 Check ACT voltage of engine ECU.



PREPARATION:

- Remove the glove compartment door.
- Start the engine.

CHECK:

Measure the voltage of ACT terminal when the A/C switch is turned to ON/OFF.

OK:

A/C switch condition	Voltage
ON	9 - 14 V
OFF	0 - 3 V

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Check and replace A/C amplifier.

OK

Check and replace engine ECU (See page IN-19).

When not using hand-held tester

1 Check ACT voltage of engine ECU (See step 3 when using hand-held tester).

OK

Check and replace engine ECU (See page IN-19).

NG

2 Check for open and short in harness and connector between engine ECU and A/C amplifier (See page IN-19).

NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.