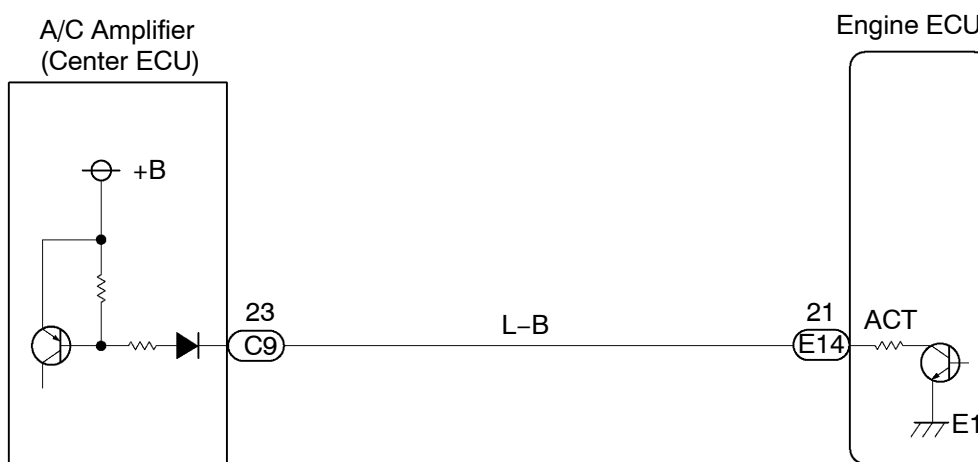


A/C Cut Control Circuit

CIRCUIT DESCRIPTION

This circuit cuts air conditioning operation during vehicle acceleration in order to increase acceleration performance. During acceleration with the vehicle speed at 25 km/h (16 mph) or less, engine speed at 1,600 rpm or less and throttle valve opening angle at 60° or more, the A/C magnet switch is turned OFF for several seconds.

WIRING DIAGRAM



A05395

INSPECTION PROCEDURE

When using hand-held tester

1	Connect the hand-held tester and check operation of air conditioning cut control.
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PREPARATION:

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and hand-held tester main switch ON.
- (c) Start the engine and conditioning switch ON.

HINT:

A/C magnet clutch is turned ON.

- (d) Select the ACTIVE TEST mode on the hand-held tester.

CHECK:

Check operation of A/C magnet clutch cut when air conditioning cut control is operated by the hand-held tester.

OK:

A/C magnet clutch is turned OFF.

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-21](#)).

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2

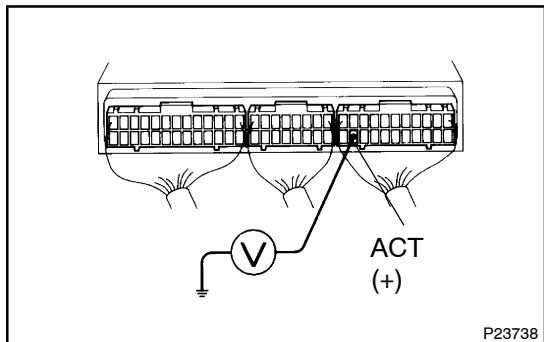
Check for open and short in harness and connector between engine ECU and A/C amplifier ([See page IN-19](#)).

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Repair or replace harness or connector.

OK

3 Check voltage between terminal ACT of engine ECU and body ground.



PREPARATION:

- (a) Remove the glove compartment door.
- (b) Start the engine.

CHECK:

Measure voltage between terminal ACT of engine ECU connector and body ground when A/C switch is turned to ON and OFF.

OK:

A/C switch condition	Voltage
ON	9 – 14 V
OFF	Below 2.0 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 voltage between terminal ACT of engine ECU and body ground (See same page, step 3).

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).
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NG

Repair or replace harness or connector.

OK

Check and replace A/C amplifier.