

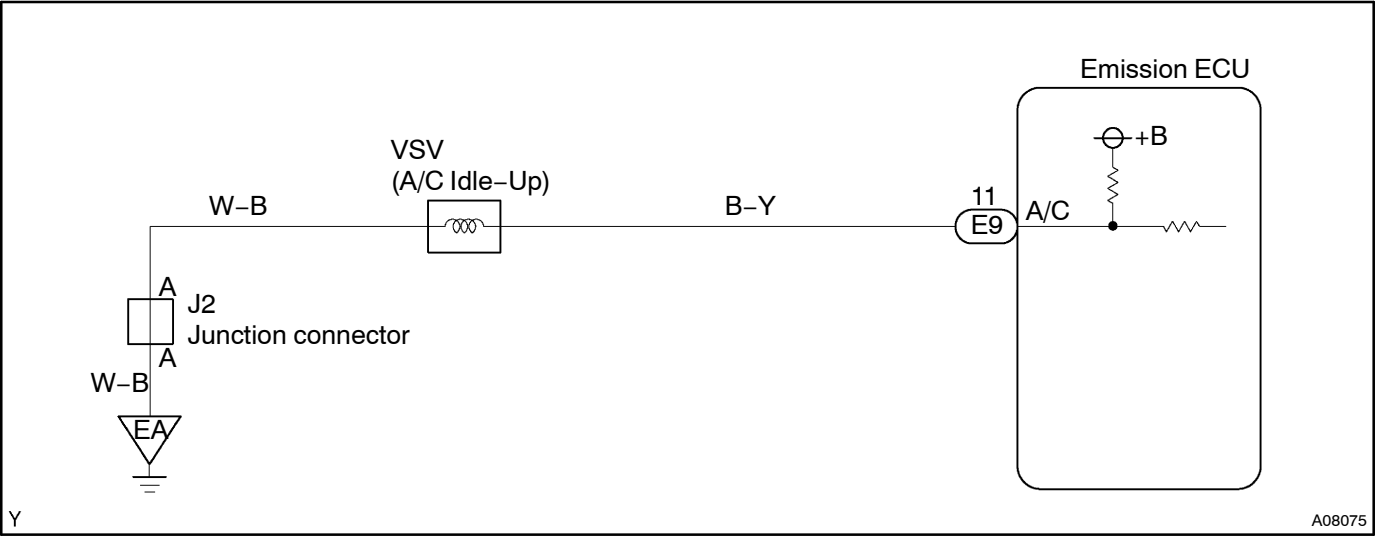
DTC	51	Switch Condition Signal Circuit Malfunction
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CIRCUIT DESCRIPTION

Air Conditioning Switch Signal:
The ECU uses the output from the air conditioning switch to determine whether or not the air conditioning is operating so that it can increase the idling speed of the engine if necessary.

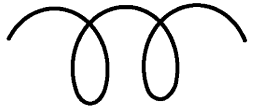
DTC No.	DTC Detecting Condition	Trouble Area
51	A/C switch ON, engine starts	• Open or short in VSV for A/C idle-up • VSV for A/C idle-up • Emission ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check output condition of DTC 51.



Glow Indicator Light

A06505

PREPARATION:

- (a) Turn the ignition switch ON.
- (b) Using SST, connect terminals TE1 and E1 of the check connector.
SST 09843-18020

CHECK:

Check if DTC 51 is output by the check glow indicator light.

OK:

Condition	Code
A/C SW ON	51
A/C SW OFF	Normal

HINT:

DTC 42 output with vehicle speed 5 km/h (3 mph) or below.

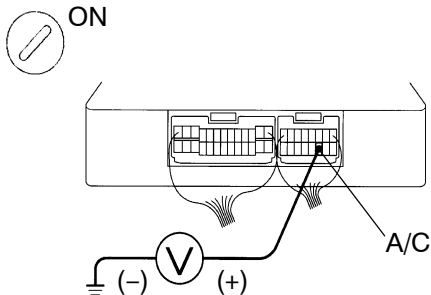
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Go to step 2.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-11).

2 Check voltage between terminal A/C of emission ECU and body ground.



A07570

PREPARATION:

- (a) Disconnect the emission ECU from the body panel (See page EC-3).
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal A/C of the emission ECU and body ground.

OK:

Voltage: 9 – 14 V

OK

Check and replace emission ECU.

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3	Check for open and short in harness and connector between terminal A/C of emission ECU and body ground (See page IN-19).
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Repair or replace harness or connector.

OK

Check and replace emission ECU.