

DTC	B1100/31	Airbag Sensor Assembly Malfunction
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CIRCUIT DESCRIPTION

The airbag sensor assembly consists of the airbag sensor, safing sensor, drive circuit, diagnosis circuit and ignition control, etc.

It receives signals from the airbag sensor, judges whether or not the SRS must be activated, and detects diagnosis system malfunction.

DTC B1100/31 is recorded when occurrence of a malfunction in the airbag sensor assembly is detected.

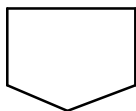
DTC No.	DTC Detecting Condition	Trouble Area
B1100/31	• Airbag sensor assembly malfunction	• Airbag sensor assembly

INSPECTION PROCEDURE

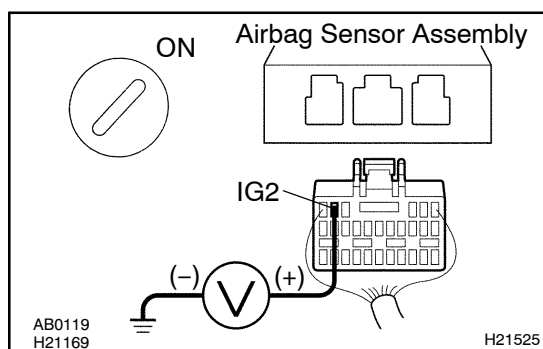
HINT:

When a malfunction code other than code B1100/31 is displayed at the same time, first repair the malfunction indicated by the malfunction code other than code B1100/31.

1	Prepare for inspection (See step 1 on page DI-1109).
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2	Check airbag sensor assembly.
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PREPARATION:

- (a) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

- (a) Turn the ignition switch to ON.
 (b) Measure the voltage between the body ground and IG2 of the dash wire connector on the airbag sensor assembly side.

OK:

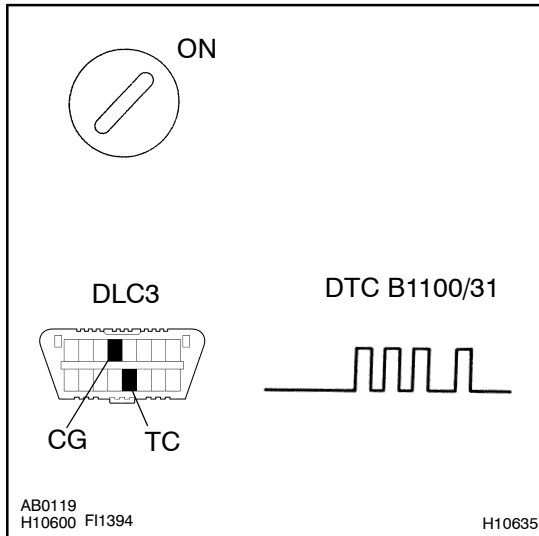
Voltage: 10 – 14 V

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Check that an abnormality occurs on the battery and charging system.

OK

3 Is DTC B1100/31 output again?



PREPARATION:

Clear the DTC (See page [DI-882](#)).

CHECK:

- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Repeat operation in step (a) and (b) at least 5 times.
- Check the DTC (See page [DI-882](#)).

OK:

DTC B1100/31 is output.

HINT:

Codes other than code B1100/31 may be output at this time, but they are not relevant to this check.

NO

Using simulation method, reproduce malfunction symptoms (See page [IN-26](#)).

YES

Replace airbag sensor assembly.