

DTC	31	Airbag Sensor Assembly Malfunction
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CIRCUIT DESCRIPTION

The airbag sensor assembly consists of an 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 31 is recorded when occurrence of a malfunction in the airbag sensor assembly is detected.

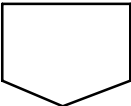
DTC No.	DTC Detecting Condition	Trouble Area
31	• Airbag sensor assembly malfunction	• Airbag sensor assembly

INSPECTION PROCEDURE

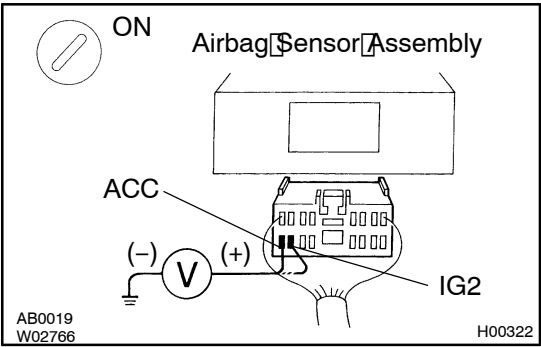
HINT:

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

1	Prepare for inspection. (See step 1 on page DI-138)
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2	Check voltage at IG2 and ACC of airbag sensor assembly.
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PREPARATION:

Turn ignition switch ON.

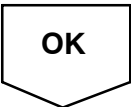
CHECK:

Measure the voltage between body ground and each of terminals IG2 and ACC of the airbag sensor assembly connector.

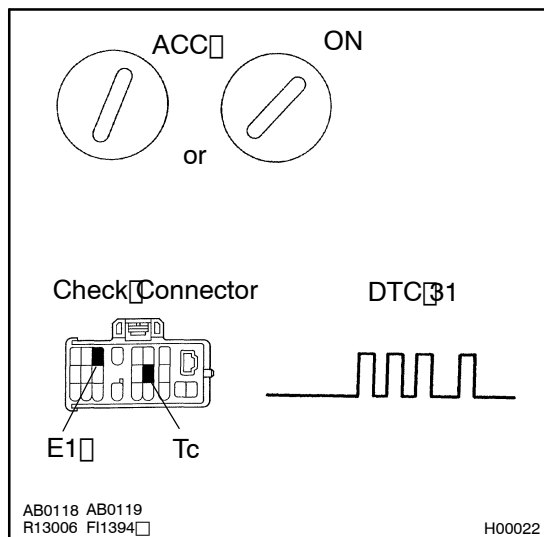
OK:

Voltage: Below 16 V

NG	Check that an abnormality occurs on the battery and charging system.
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3 Is DTC 31 output again?



PREPARATION:

Clear DTC.

(See step 5 on page DI-97)

CHECK:

- Turn ignition switch to LOCK, and wait at least for 20 seconds.
 - Turn ignition switch to ACC or ON, and wait at least for 20 seconds.
 - Repeat operation in step (a) and (b) at least 5 times.
 - Check DTC.
- (See page DI-97)

NO

Using simulation method, reproduce malfunction symptoms. (See page N-20)

YES

Replace airbag sensor assembly.