

|            |                 |                                           |
|------------|-----------------|-------------------------------------------|
| <b>DTC</b> | <b>B1100/31</b> | <b>Airbag Sensor Assembly Malfunction</b> |
|------------|-----------------|-------------------------------------------|

## 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.

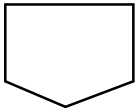
| DTC No.  | DTC Detecting Condition              | Trouble Area             |
|----------|--------------------------------------|--------------------------|
| B1100/31 | • Airbag sensor assembly malfunction | • Airbag sensor assembly |

## INSPECTION PROCEDURE

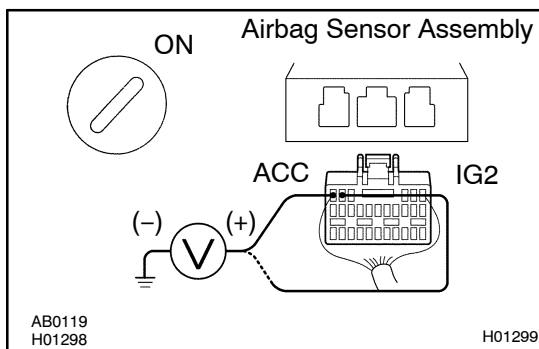
### HINT:

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.

|          |                                                                            |
|----------|----------------------------------------------------------------------------|
| <b>1</b> | <b>Prepare for inspection. (See step 1 on page <a href="#">DI-595</a>)</b> |
|----------|----------------------------------------------------------------------------|



|          |                                                                |
|----------|----------------------------------------------------------------|
| <b>2</b> | <b>Check voltage at IG2 and ACC of airbag sensor assembly.</b> |
|----------|----------------------------------------------------------------|



### 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:

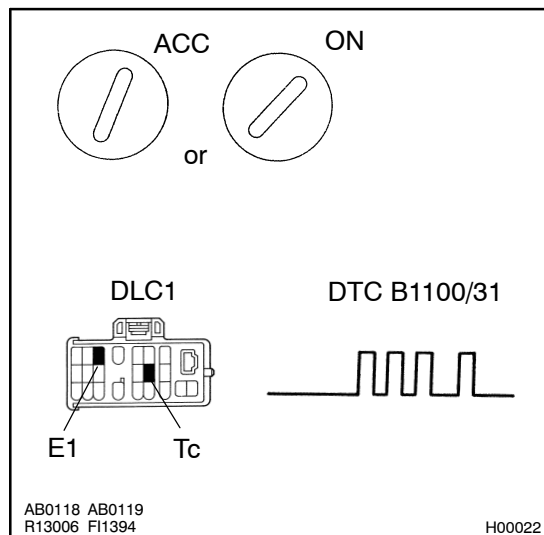
**Voltage: Below 16 V**

**NG**

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

**OK**

### 3 Is DTC B1100/31 output again?

**PREPARATION:**

Clear DTC.

(See step 5 on page [DI-494](#))**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-494](#))

**NO**

Using simulation method, reproduce malfunction symptoms. (See page [IN-24](#))

**YES**

Replace airbag sensor assembly.