

# Front Door Impact Sensor

AIRBAG SYSTEM

## 11. Front Door Impact Sensor

### A: REMOVAL

#### CAUTION:

The airbag system is fitted with a backup power supply. After disconnecting the battery ground cable, the airbag may operate if you do not wait for 60 seconds before starting the service of airbag system.

- 1) Operate the power window switch to close the front door glass.
- 2) Turn the ignition switch to OFF.
- 3) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

#### NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

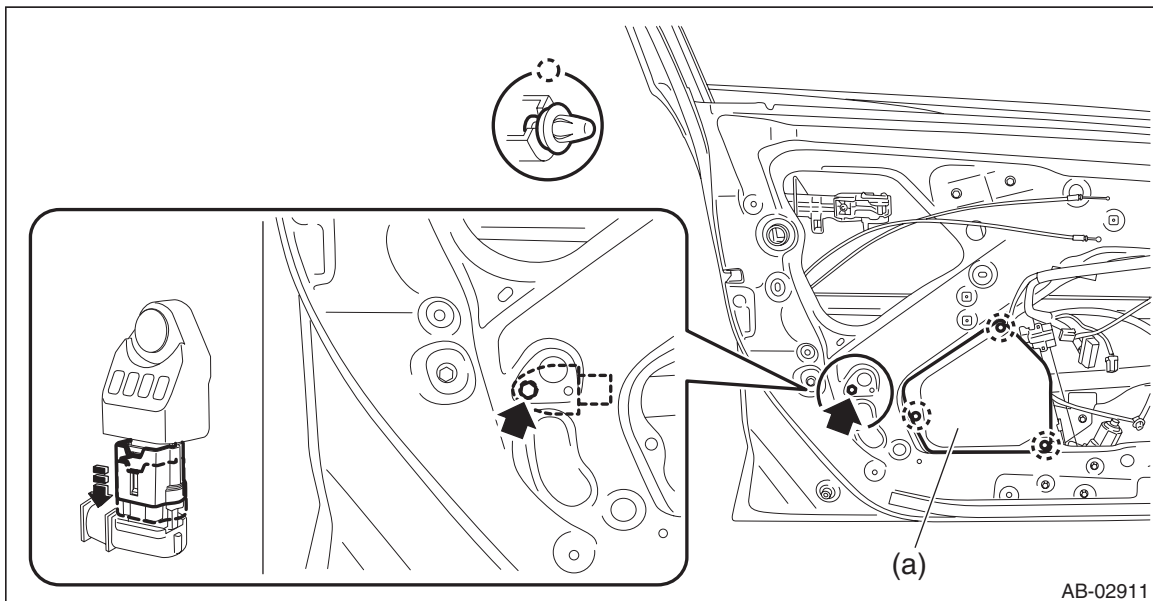
- 4) Remove the trim panel - front door. <Ref. to EI-56, FRONT DOOR, REMOVAL, Door Trim.>
- 5) Remove the sealing cover. <Ref. to EB-32, REMOVAL, Front Sealing Cover.>
- 6) Remove the front door impact sensor.

- (1) Remove the front door inner pad (a).

#### CAUTION:

If the clip is damaged, replace it with a new part because the panel assembly - front door may be deformed.

- (2) Remove the nuts and then remove the front door impact sensor.
- (3) Disconnect the airbag connector and remove the front door impact sensor. <Ref. to AB-21, FRONT DOOR IMPACT SENSOR AND SATELLITE SAFING SENSOR, PROCEDURE, Airbag Connector.>



## **B: INSTALLATION**

1) Before installation, inspect the following items and replace any faulty part with a new part.

- The front door impact sensor or connector is damaged.
- Inner panel area of the panel assembly - front door is deformed.
- Side airbag module has been activated.

2) Install the airbag door sensor.

### **CAUTION:**

**Do not reuse the bolt and nut.**

**Always replace with the specified new bolts and nuts.**

### ***Tightening torque:***

***7.5 N·m (0.8 kgf-m, 5.5 ft-lb)***

3) Install the sealing cover.

4) Install the trim panel - front door.

5) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

### **NOTE:**

For models other than STI model, connect the ground terminal to battery sensor.