

## 11.Front Door Impact Sensor

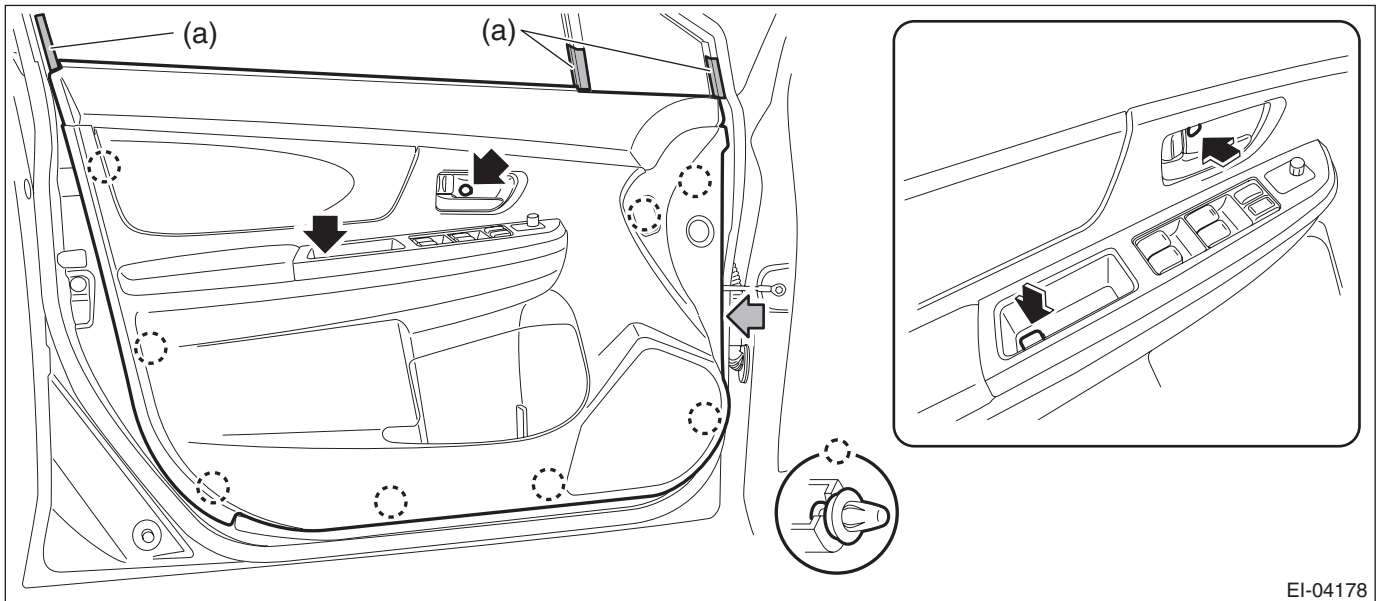
### A: REMOVAL

- 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 the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

- 4) Remove the trim panel - front door.
  - (1) Attach the protective tape (a).
  - (2) Open the cover and remove the screw.
  - (3) Remove the clips, and remove the trim panel - front door from the door panel.

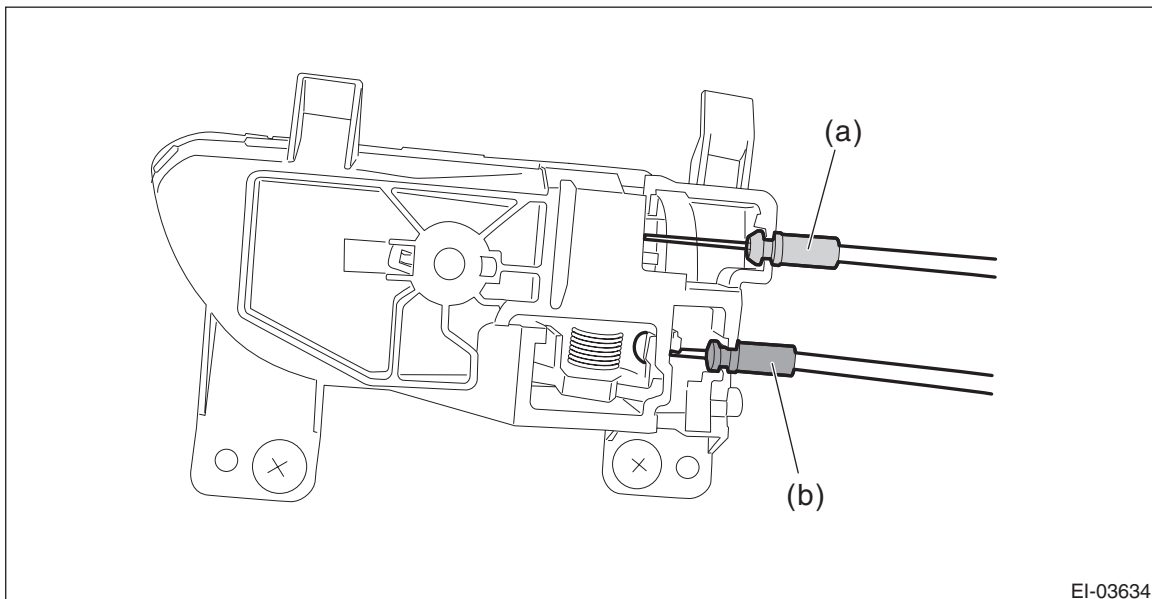


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#### NOTE:

It is easier to remove the door trim if the removal is performed from the gray arrow section.

- (4) Detach the door lock cable (a) and door open cable (b) from the remote assembly - door.

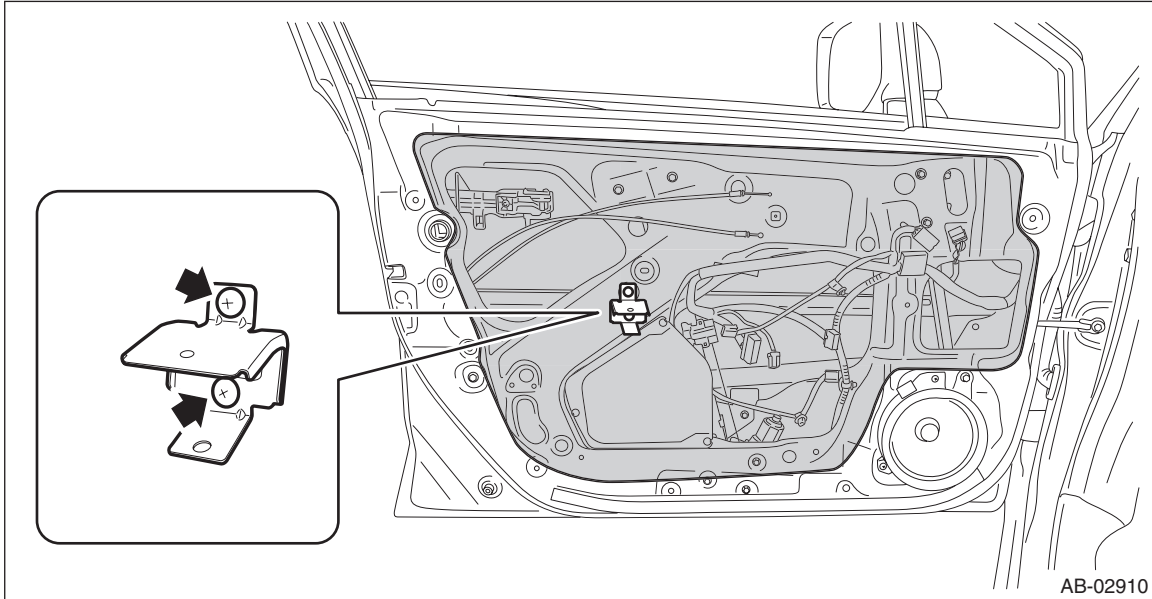


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- (5) Disconnect the harness connector and remove the trim panel - front door.  
5) Remove the sealing cover.

**CAUTION:**

- Carefully remove the butyl tape. Excessive force will easily break the cover.
  - If the sealing cover gets broken, replace it with a new part.
- (1) Remove the screw to remove the bracket - door trim.  
(2) Carefully remove the butyl tape to remove the sealing cover - front door.

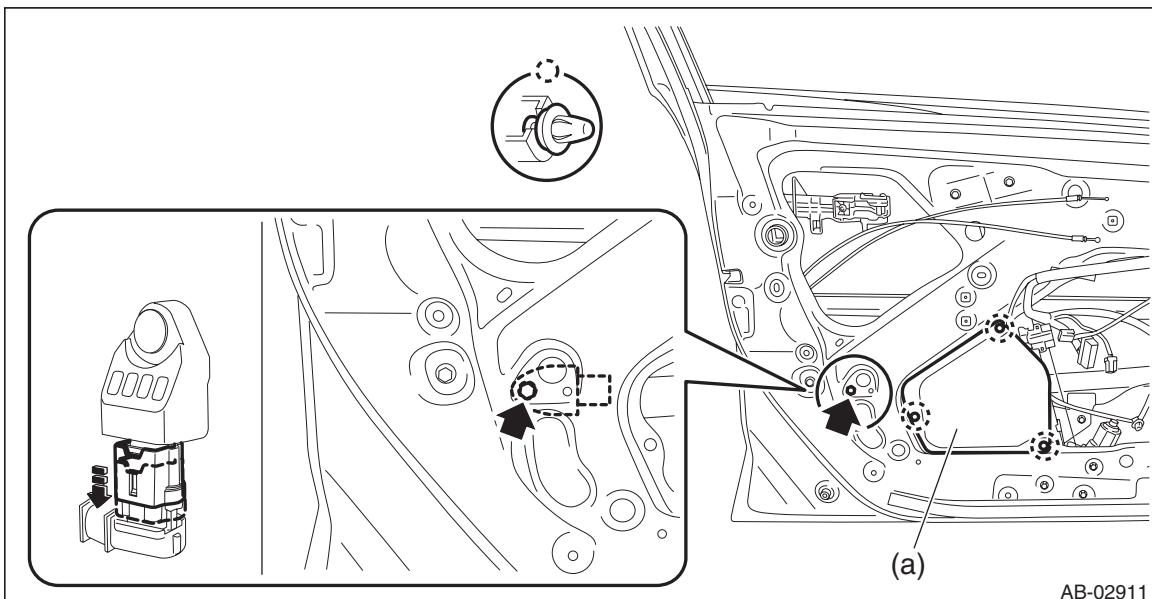


- 6) Remove the front door impact sensor.  
(1) Remove the front door inner pad (a).

**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-20, FRONT DOOR IMPACT SENSOR AND SATELLITE SAFING SENSOR, PROCEDURE, Airbag Connector.>



## B: INSTALLATION

### CAUTION:

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

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

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.

### *Tightening torque:*

***Front door impact sensor: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)***

2) Install each part in the reverse order of removal.