

## 10. Front Sub Sensor

### A: REMOVAL

1) Turn the ignition switch to OFF.

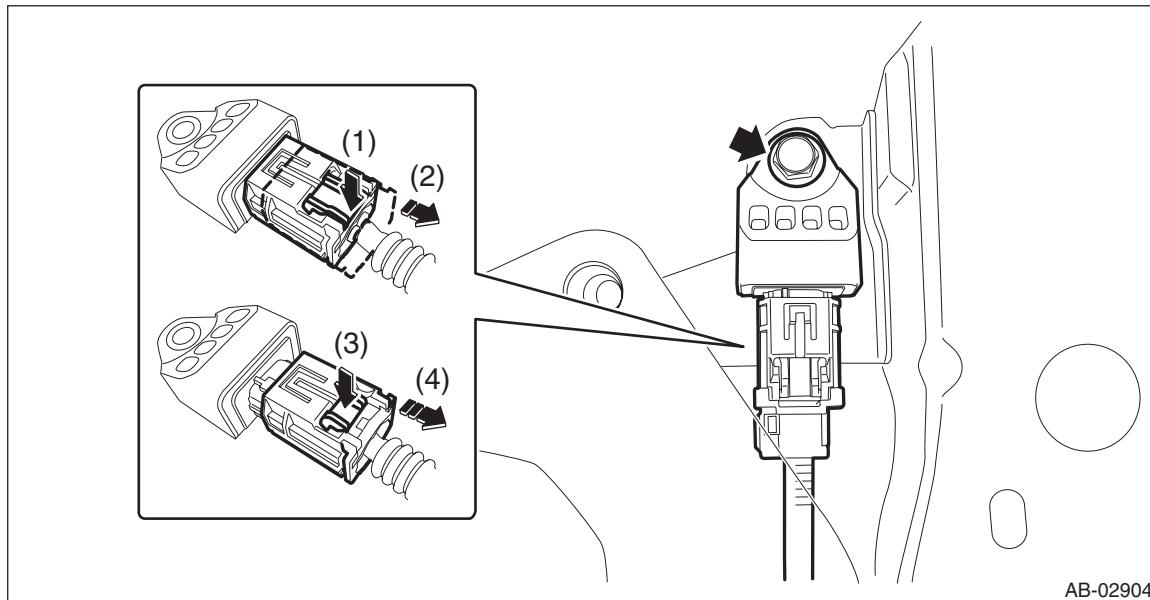
2) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

#### NOTE:

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

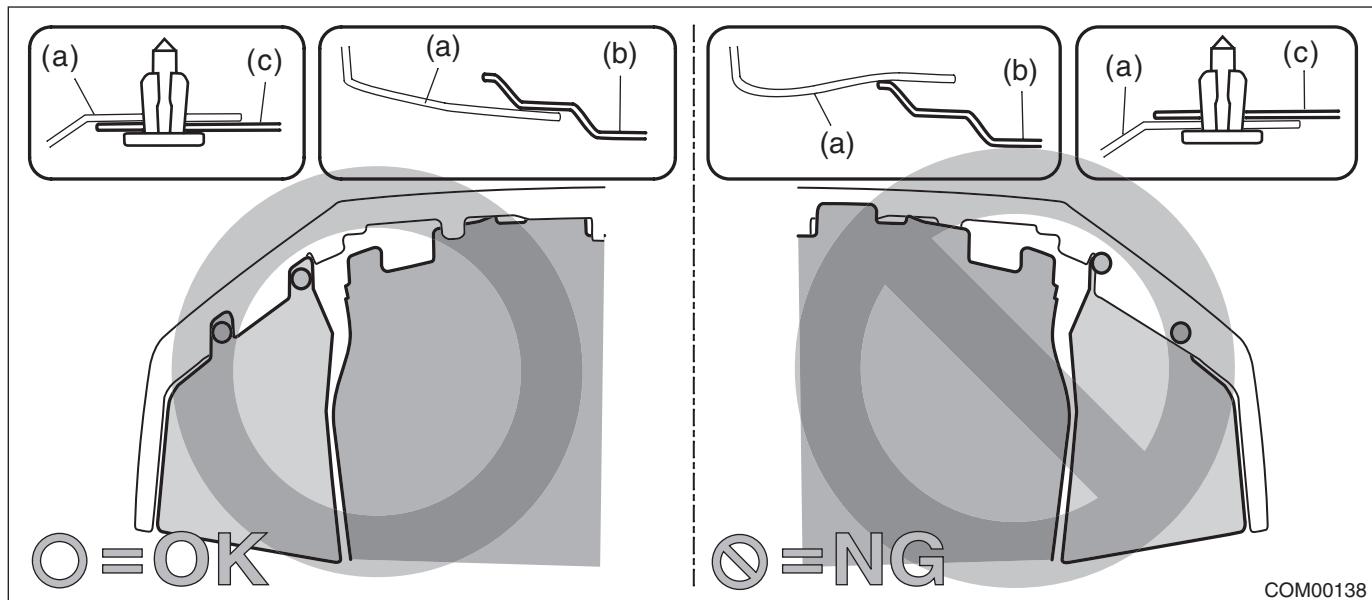
3) Remove the bumper face - front and the bumper beam COMPL - front. <Ref. to EI-30, REMOVAL, Front Bumper.>

4) Remove the bolt, and then detach the front sub sensor. <Ref. to AB-20, FRONT SUB SENSOR, PROCEDURE, Airbag Connector.>



**B: INSTALLATION****CAUTION:**

- If the airbag has been activated, replace the front sub sensor with a new part.
- Install the bumper face - front so that the front end of the under cover (b) comes inside the bumper face - front (a), and the front end of the mud guard (c) comes outside the bumper face - front (a).



- Before installing the bumper face, match the claws on the bracket - front bumper with the engaging position of flange section on the bumper face side. If the engaging position is not correct, the flange section may be broken or the clearance between fender panel and bumper face may not be uniform.

- 1) Before installation, inspect the following items and replace any faulty part with a new part.
  - Front sub sensor damage
  - Connector damage
- 2) Install the front sub sensor.

**CAUTION:**

- Do not reuse the bolt and nut.

Always replace with the specified new bolts and nuts.

- When installing the sensor, insert the set pin on the backside of the sensor into the hole on the body side securely.

**Tightening torque:**

**13 N·m (1.3 kgf·m, 9.6 ft·lb)**

- 3) Install the bumper beam COMPL - front and the bumper face - front. <Ref. to EI-34, INSTALLATION, Front Bumper.>
- 4) 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.

- 5) Adjust the fog light beam. (Model with fog light) <Ref. to LI-43, FOG LIGHT AIMING, ADJUSTMENT, Front Fog Light Assembly.>