10.Front Sub Sensor
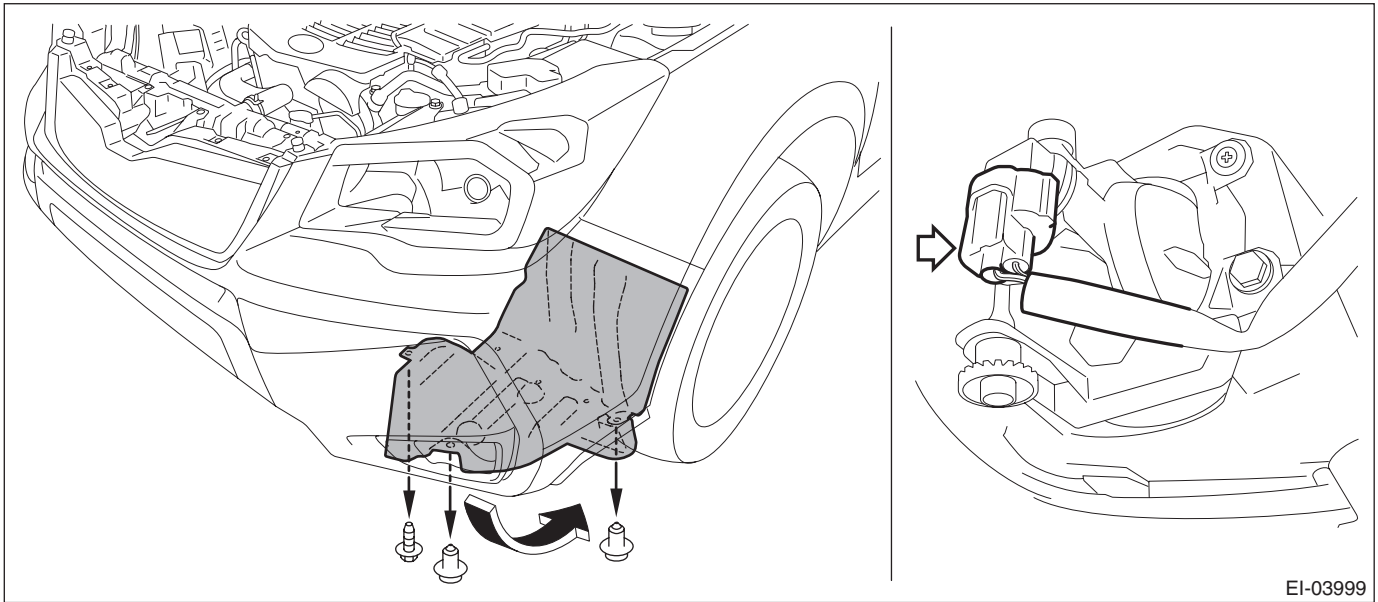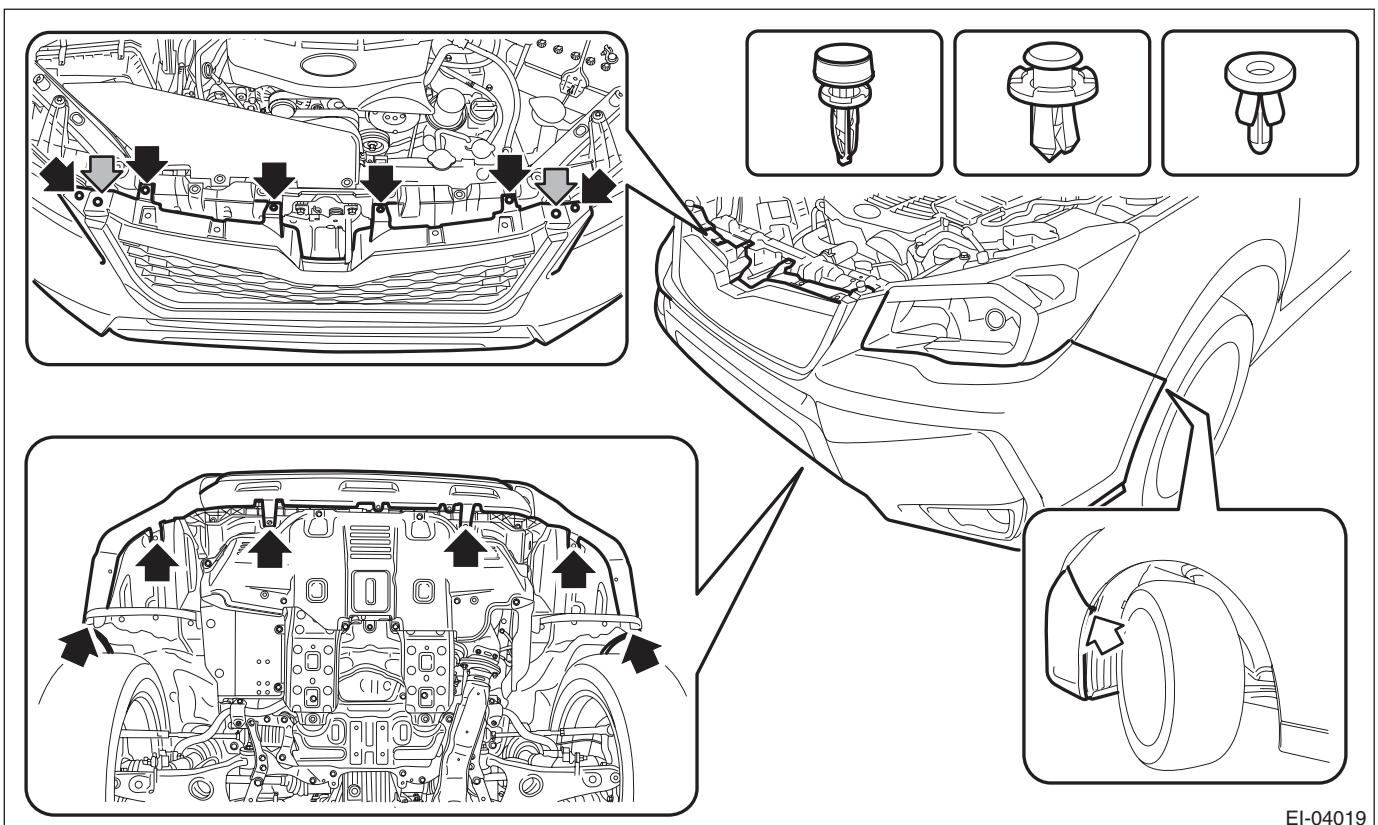
A: REMOVAL

1) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work.
2) Remove the bumper face - front.
   (1) Remove the screws and clips, and turn over the mud guard - front, and then disconnect the connectors of the fog light assembly - front on the LH and RH sides. (Model with fog light)

EI-03999

   (2) Remove the clips at the upper side of the bumper face - front.
   (3) Remove the clips from the fender.
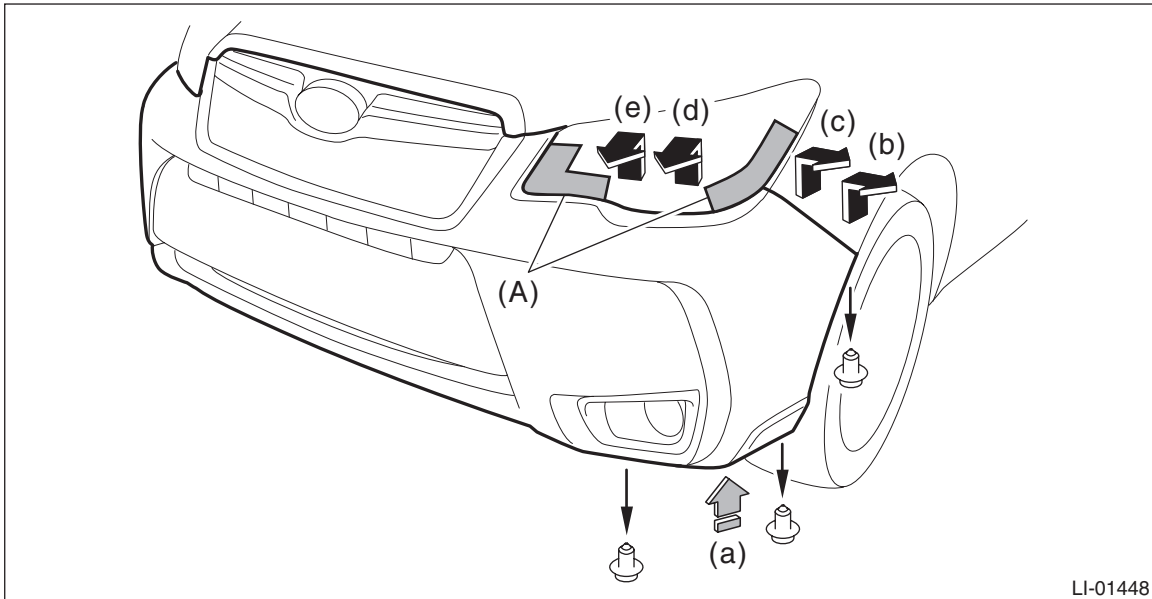   (4) Remove the clips at the lower side of the bumper face - front.

EI-04019

   (5) Apply protective tape (A) to the light assembly - head.

(6) Release the clips, and while pushing up the lower side (a) of the bumper face - front, remove in the order from (b) to (e).

CAUTION:
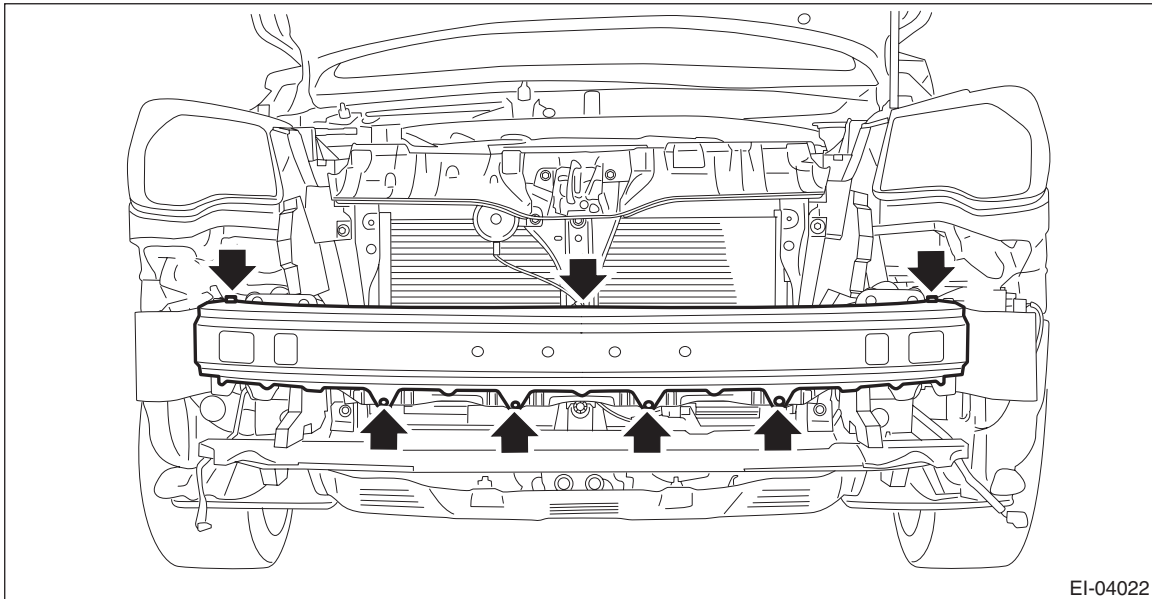**Do not pull forcibly. It may damage the flange sections of the bumper face - front.**

LI-01448

NOTE:
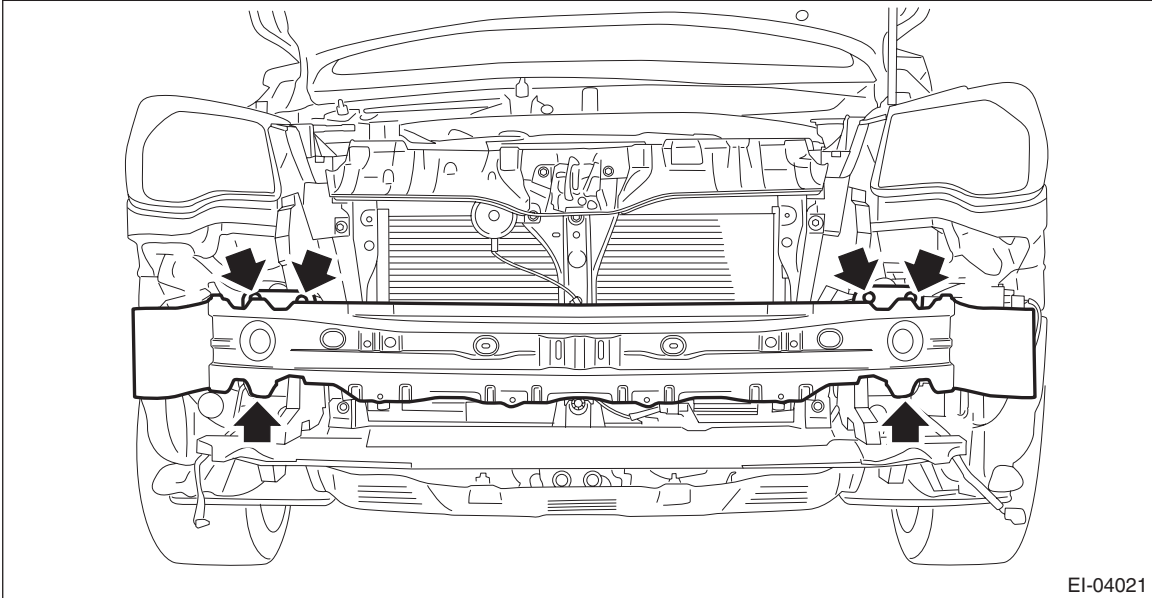Detach the opposite side in the same manner.
3) Remove the bumper beam COMPL - front.
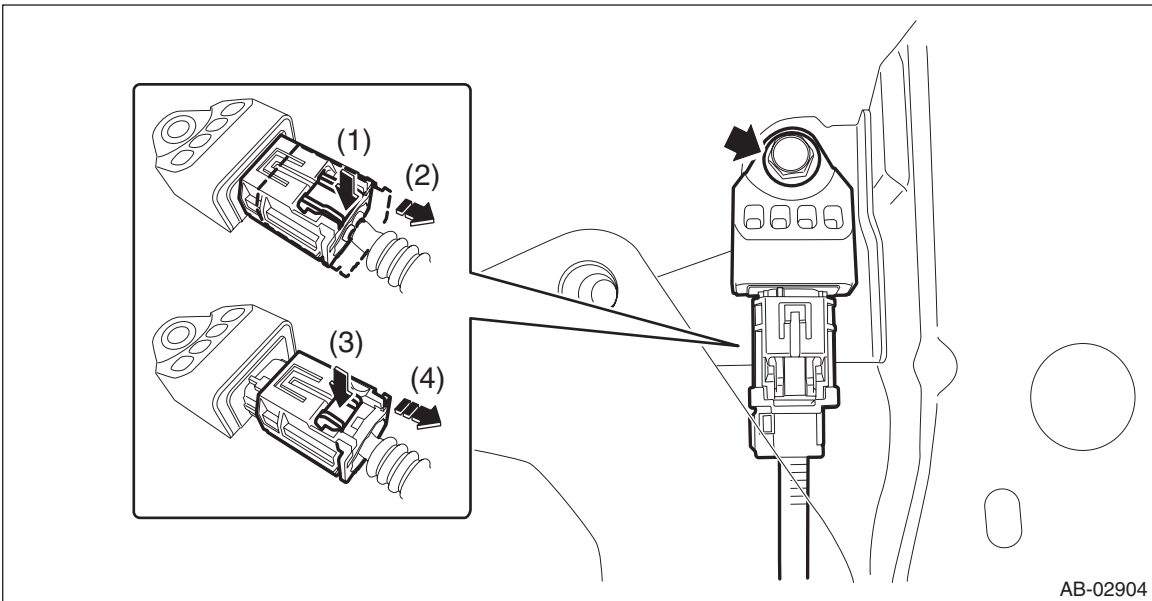   (1) Remove the energy absorber - front bumper.

EI-04022

(2) Remove the bolts, and remove the bumper beam COMPL - front.

EI-04021

4) Remove the bolt, and then detach the front sub sensor. <Ref. to AB-22, FRONT SUB SENSOR, FRONT DOOR IMPACT SENSOR AND SATELLITE SAFING SENSOR, PROCEDURE, Airbag Connector.>

AB-02904

B: INSTALLATION

CAUTION:
• **If the airbag has been activated, replace the front sub sensor with a new part.**
• **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.**
1) Before installation, inspect the following items and replace any faulty part with a new part.
• Front sub sensor damage
• Connector damage
2) Install each part in the reverse order of removal.

Tightening torque:
Front sub sensor: 13 N·m (1.33 kgf-m, 9.6 ft-lb)
Bumper beam COMPL - front: 32 N·m (3.36 kgf-m, 24.3 ft-lb)

AB-82