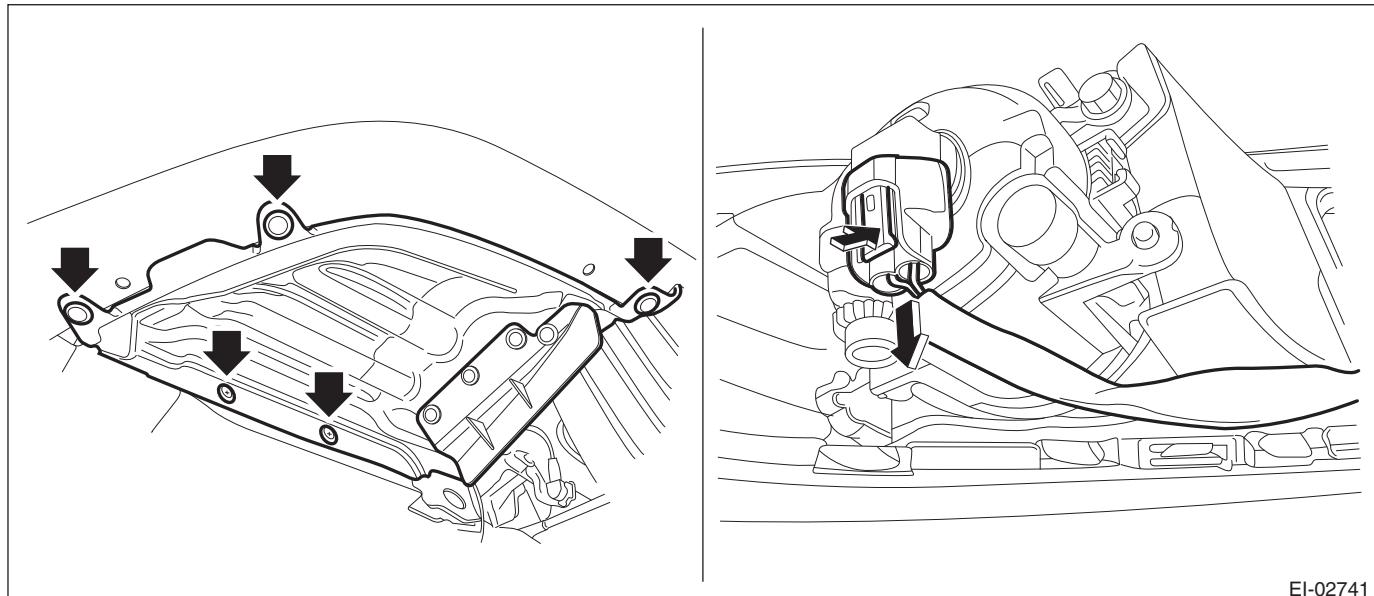


9. Front Sub Sensor

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.
- 3) Remove the front bumper face assembly.
 - (1) Remove the clips, turn over the front mud guard, and disconnect the fog light connector. (Model with fog light)

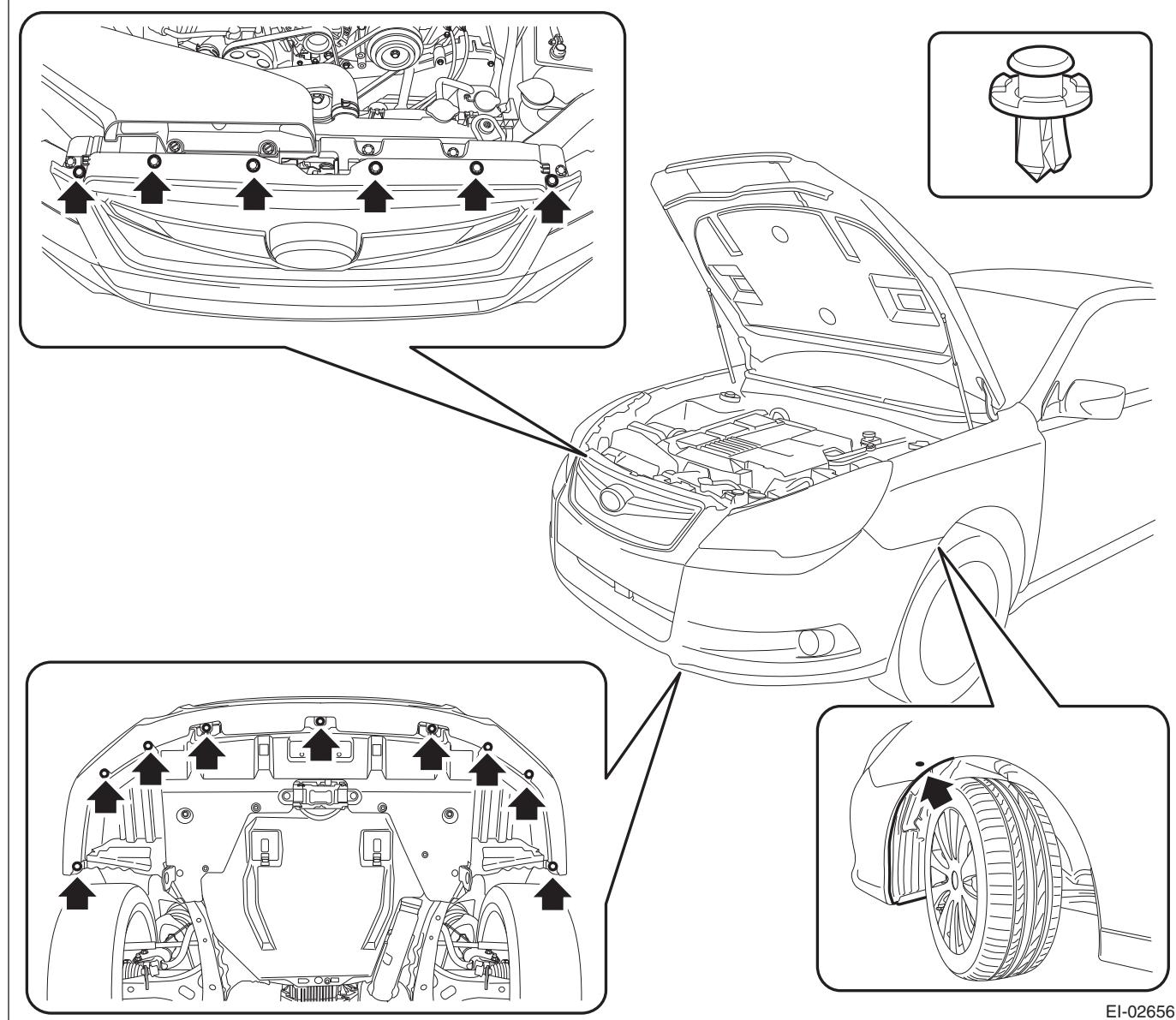


- (2) Remove the clips at the upper side of the bumper.
- (3) Remove the clips from the fender.

Front Sub Sensor

AIRBAG SYSTEM

(4) Remove the clips at the lower side of bumper.

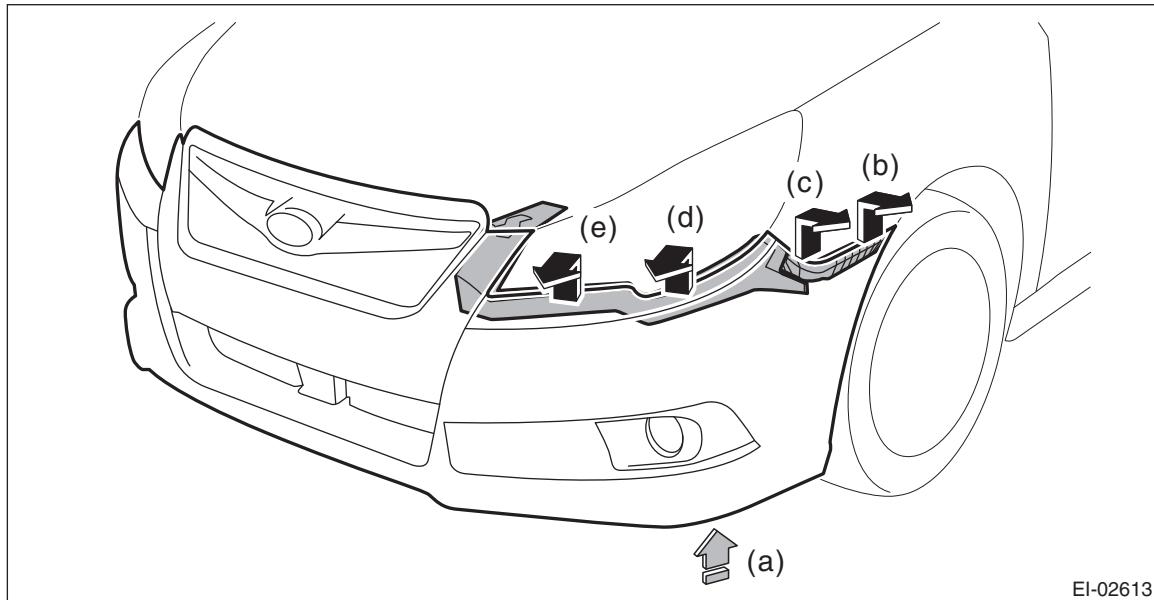


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(5) Detach the flange section on the bumper face side from the bracket side front UPR.

CAUTION:

Do not pull forcibly. It may damage the flange sections of the bumper face.



NOTE:

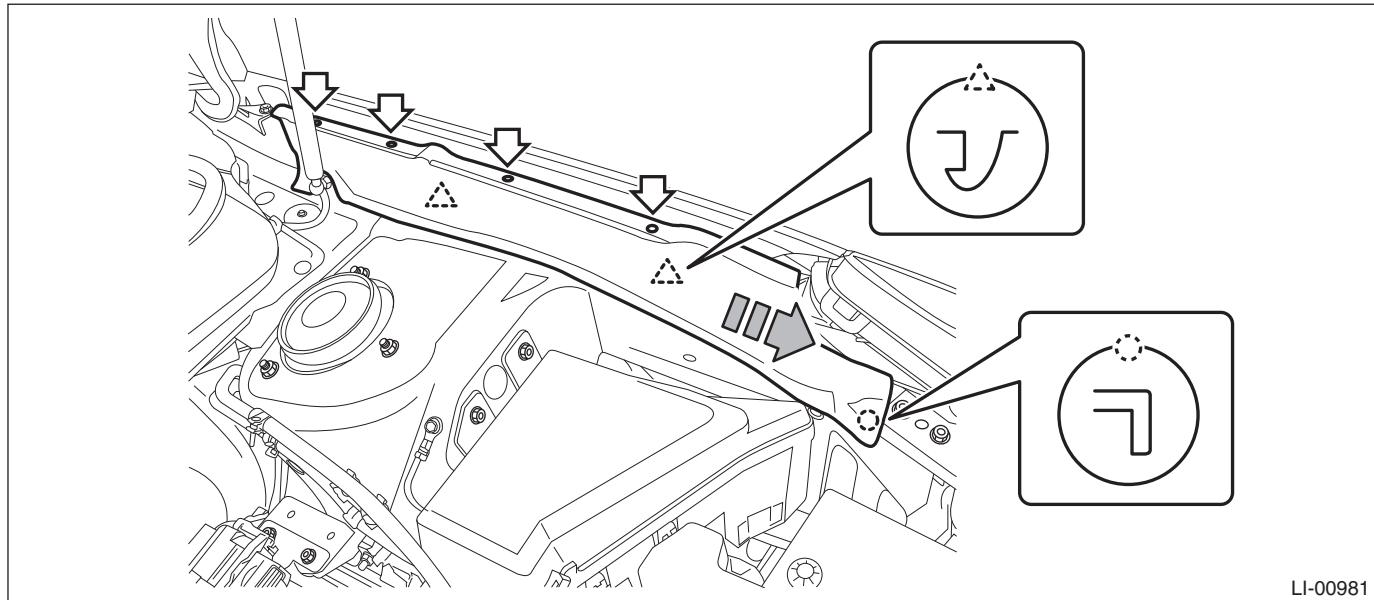
While pushing upward the underside of the fog light (a), remove from (b) through (e) in order.
Detach the opposite side in the same manner.

4) Remove the headlight assembly.

(1) Remove the fender cover assembly UPR.

a) Remove the clip.

b) Release the claws of the fender cover assembly UPR by pulling it forward and remove the fender cover.



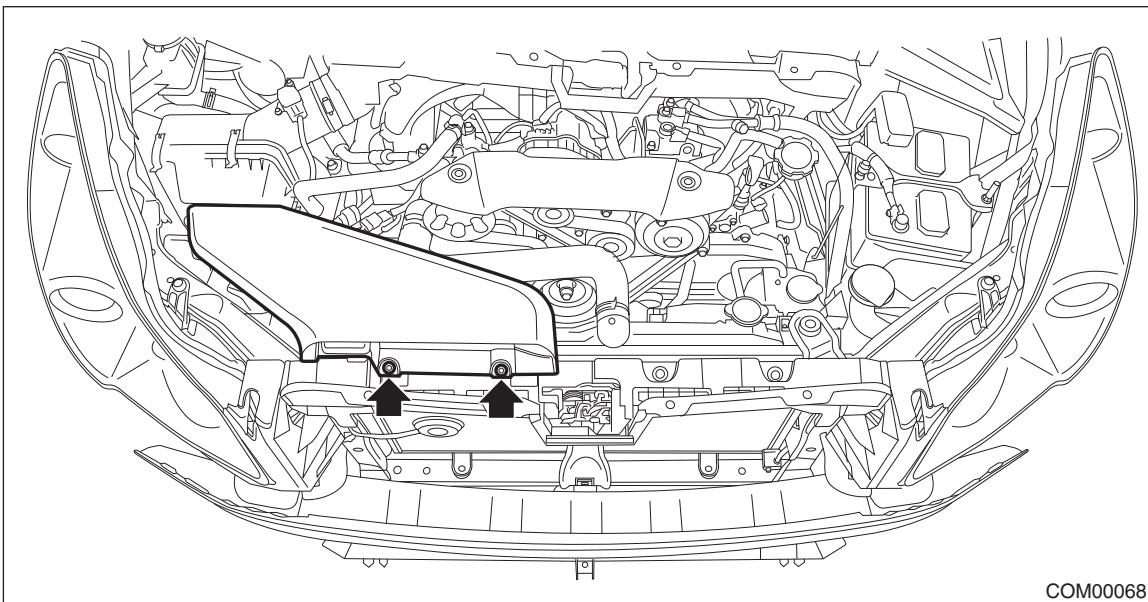
Front Sub Sensor

AIRBAG SYSTEM

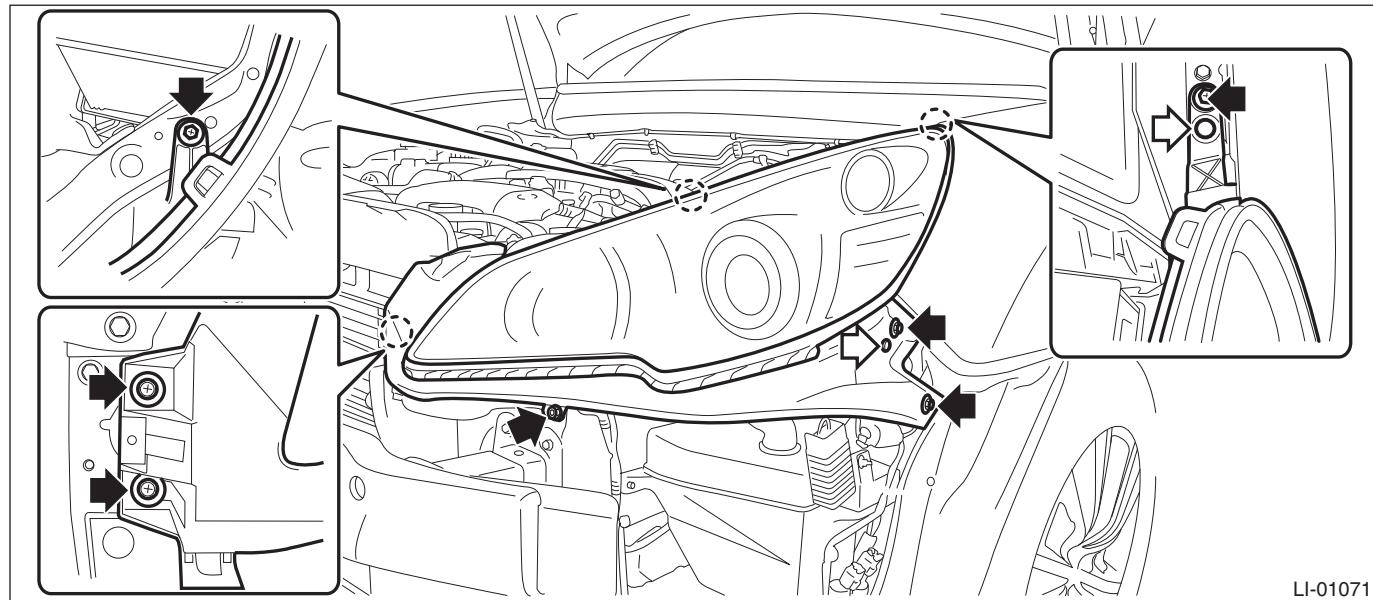
(2) Remove the headlight assembly.

NOTE:

When removing the RH headlight, remove the air intake duct.



a) Remove the bolts and clips, and pull out the headlight assembly to the front of the vehicle.

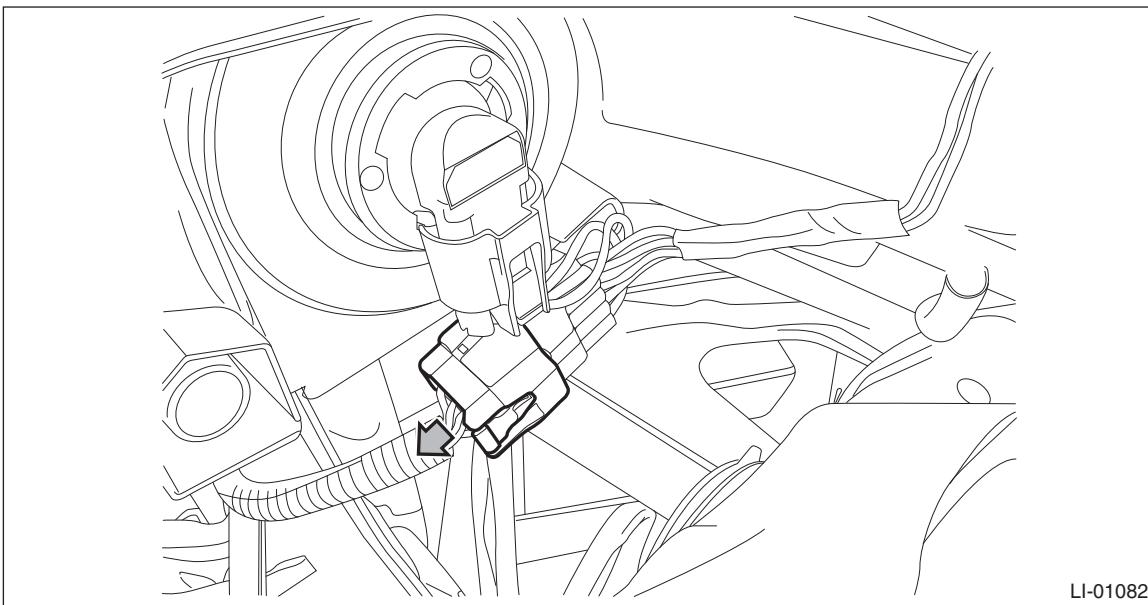


b) Disconnect the connector and remove the headlight assembly.

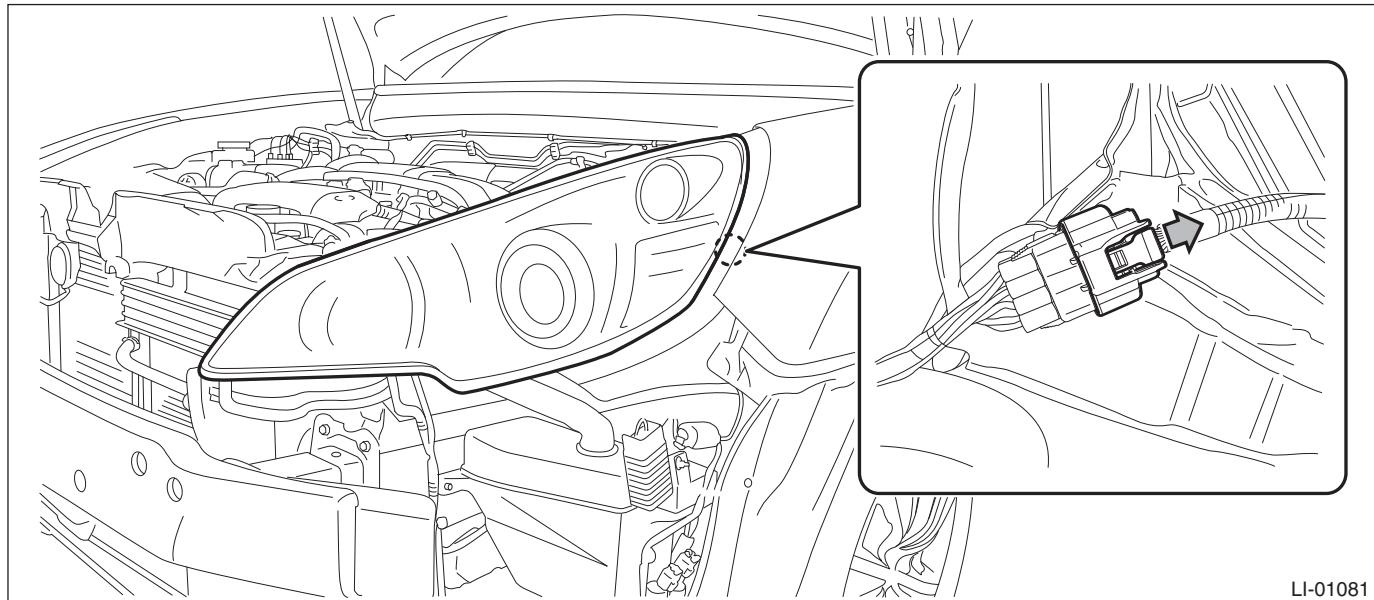
Front Sub Sensor

AIRBAG SYSTEM

- RH headlight connector



- LH headlight connector

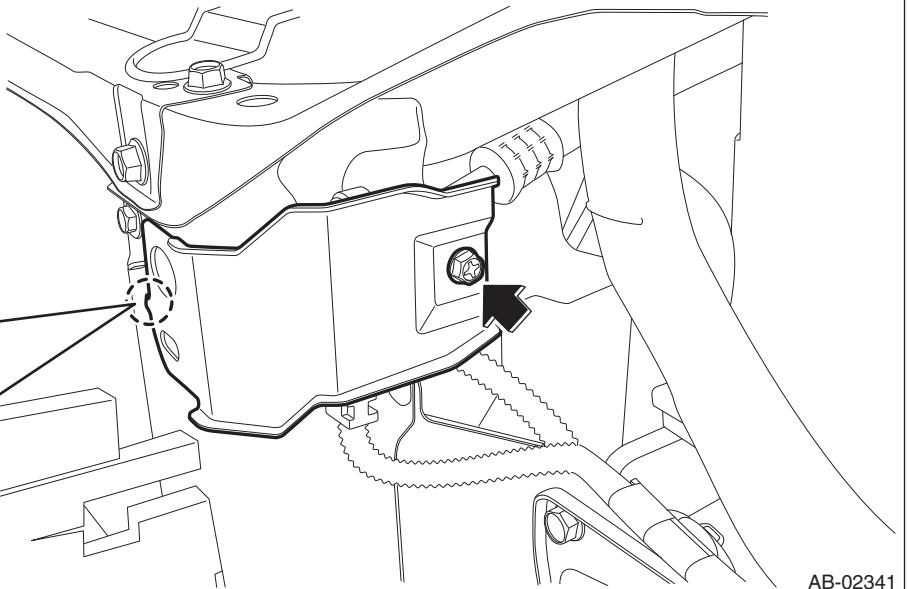
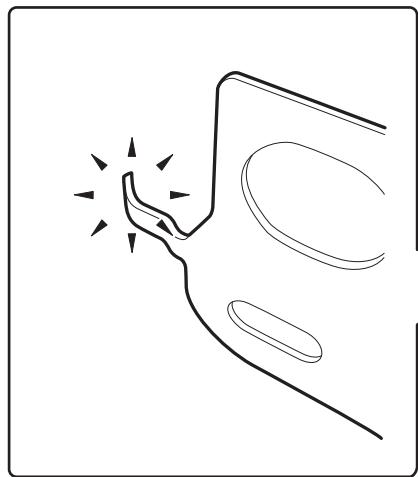


5) Remove the front sub sensor assembly.

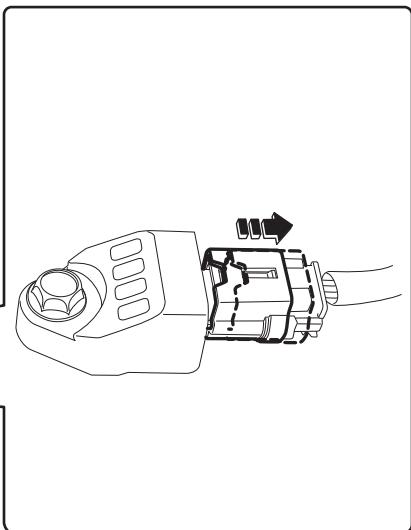
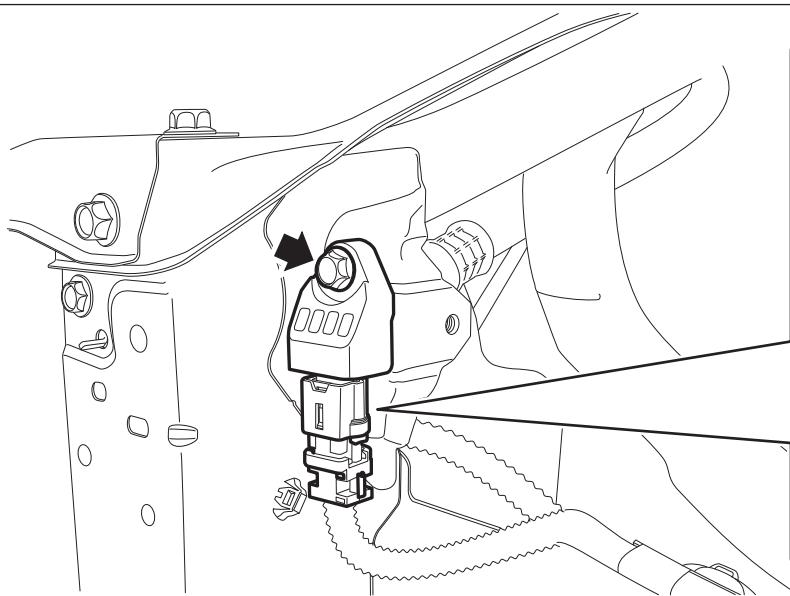
Front Sub Sensor

AIRBAG SYSTEM

(1) Remove the bolt, and remove the sensor cover plate.



(2) Remove the front sub sensor by removing the bolt and disconnecting the connector.



AB-02342

B: INSTALLATION

CAUTION:

- If the airbag has been activated, replace the front sub sensor assembly with a new part.
- Do not reuse the bolt and nut.

Always use new bolts and nuts for them.

- When installing the sensor, securely insert the arrest pin on the back side of sensor into the mounting hole on the body.

- After installing the headlight assembly, be sure to perform headlight beam adjustment.

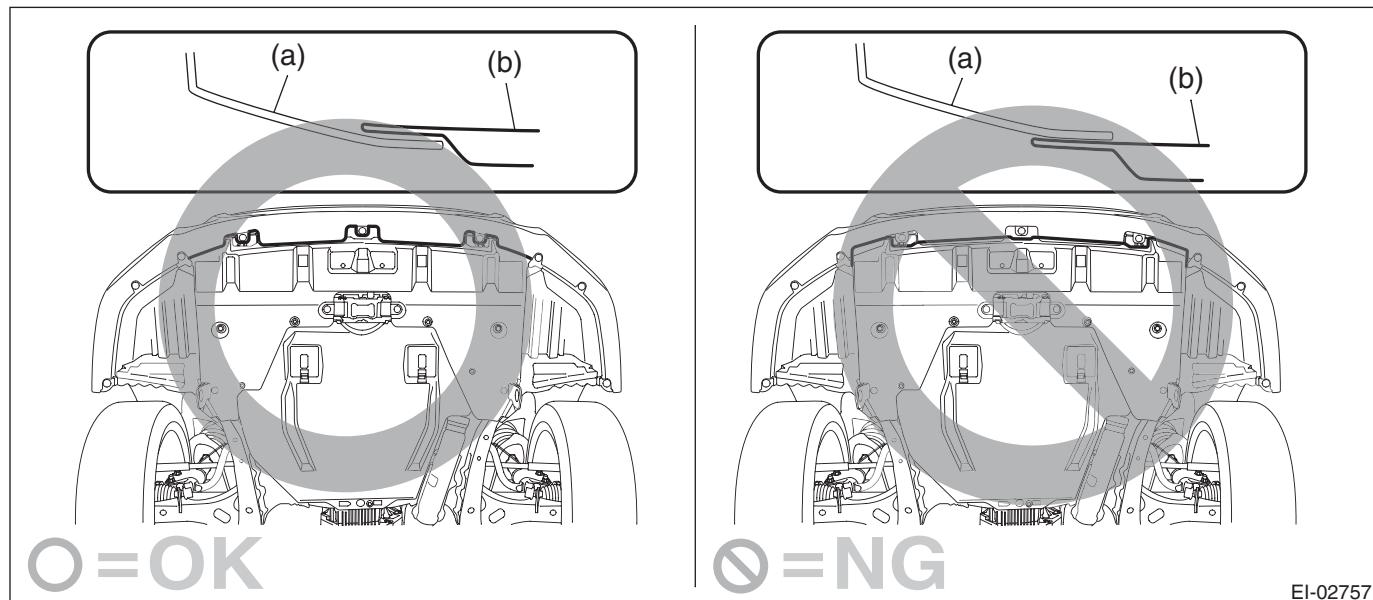
1) Before installation, inspect the following items and replace any faulty part with a new one.

- Front sub sensor damage
- Connector damage
- Sensor cover plate deformation or damage

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

CAUTION:

Install the bumper face so that the under cover front end (b) comes inside the front bumper face (a).



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Tightening torque:

Front sub sensor: 13 N·m (1.33 kgf-m, 9.6 ft-lb)

Headlight assembly: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)