

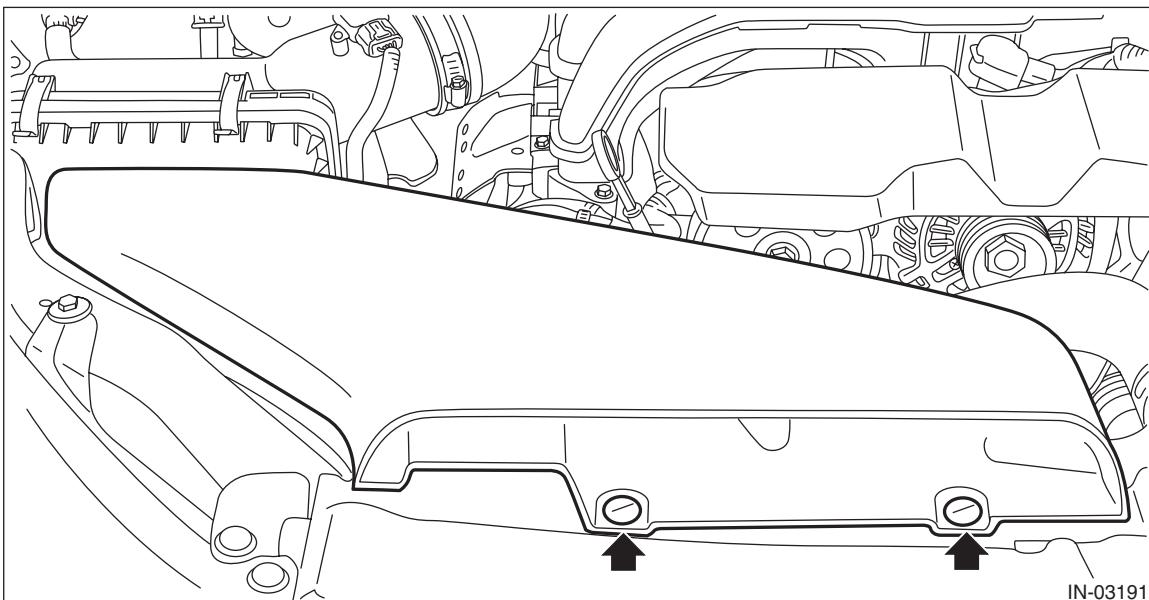
13. Headlight Assembly

A: REMOVAL

CAUTION:

Do not perform work with wet hands.

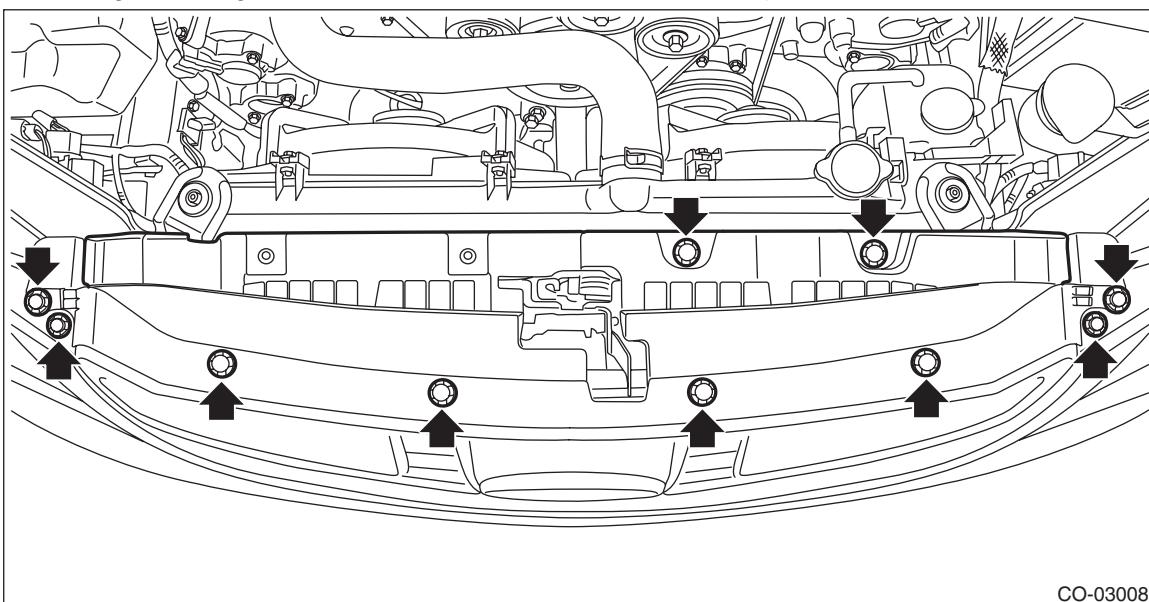
- 1) Disconnect the ground cable from battery.
- 2) Remove the clips and remove the air intake duct. (When removing the headlight RH)



- 3) Remove the clips and remove the grille bracket.

NOTE:

To prevent damage to the grille bracket, make sure to remove all clips.



- 4) Remove the front bumper face assembly. <Ref. to EI-36, REMOVAL, Front Bumper.>

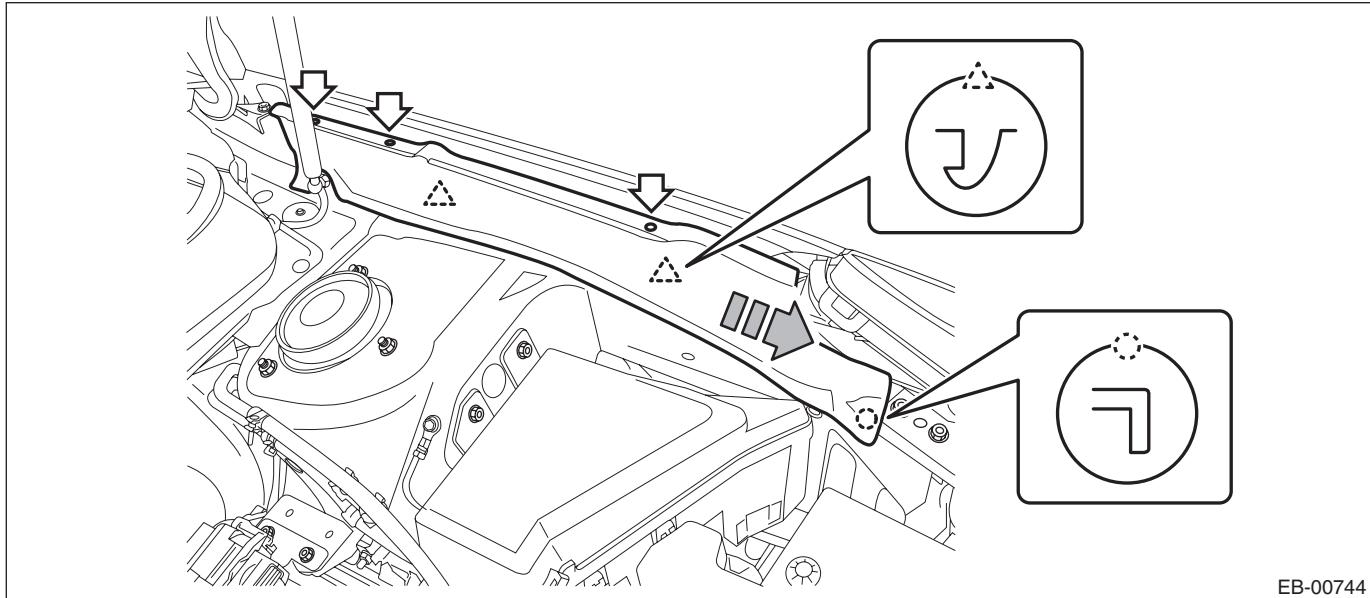
Headlight Assembly

LIGHTING SYSTEM

5) Remove the fender cover assembly UPR.

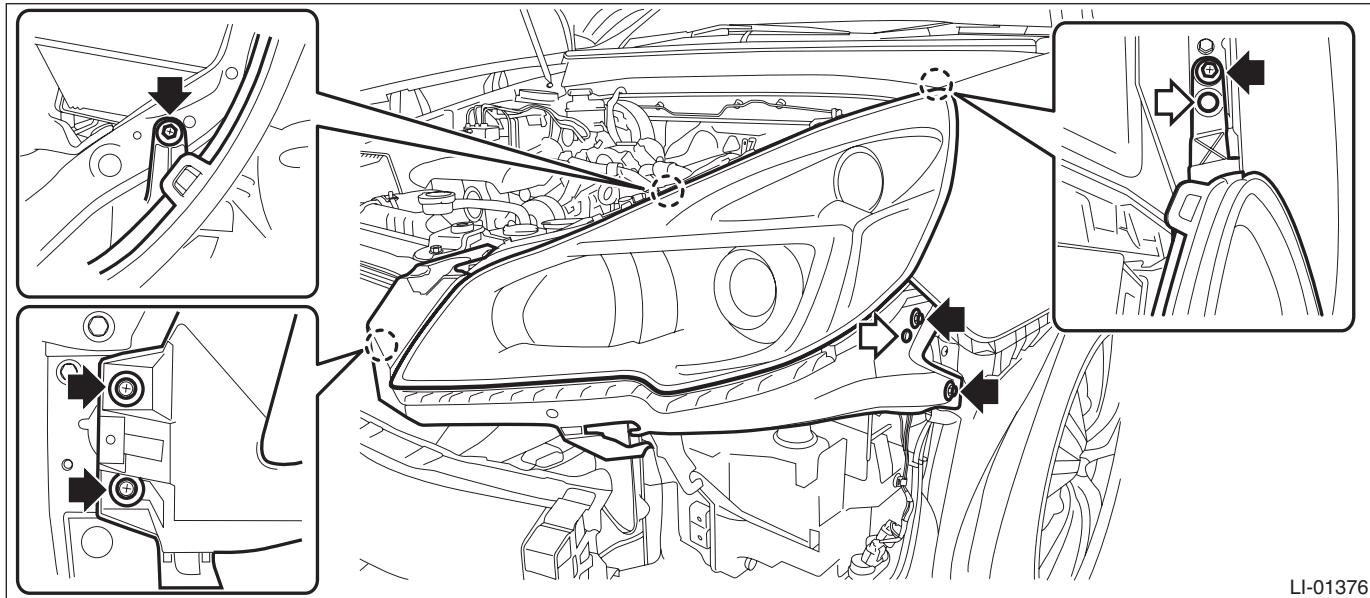
(1) Remove the clip.

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



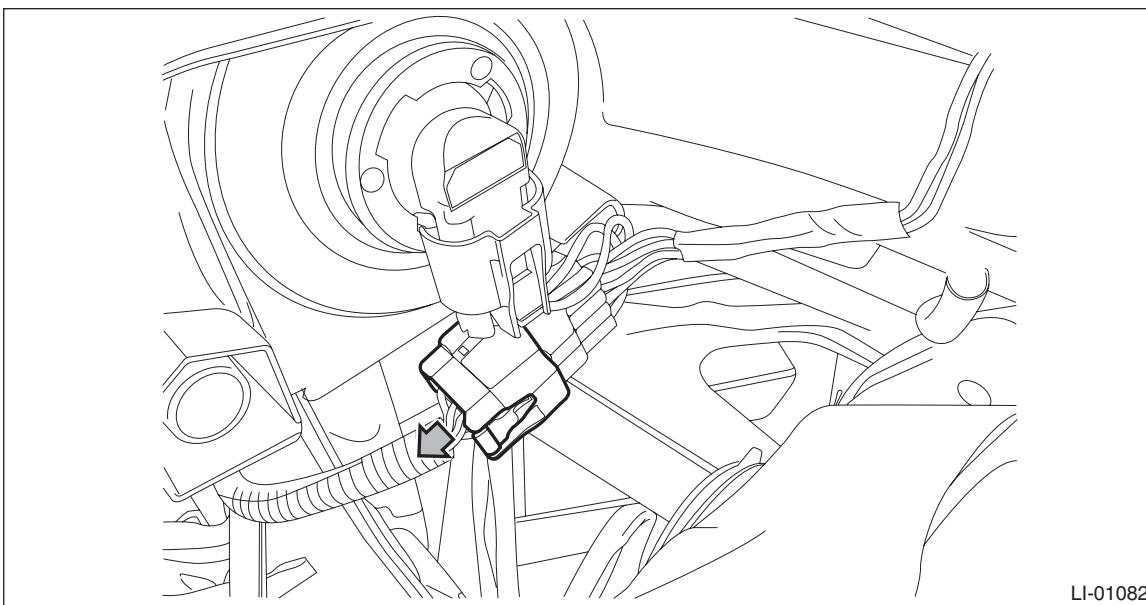
6) Remove the headlight assembly.

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



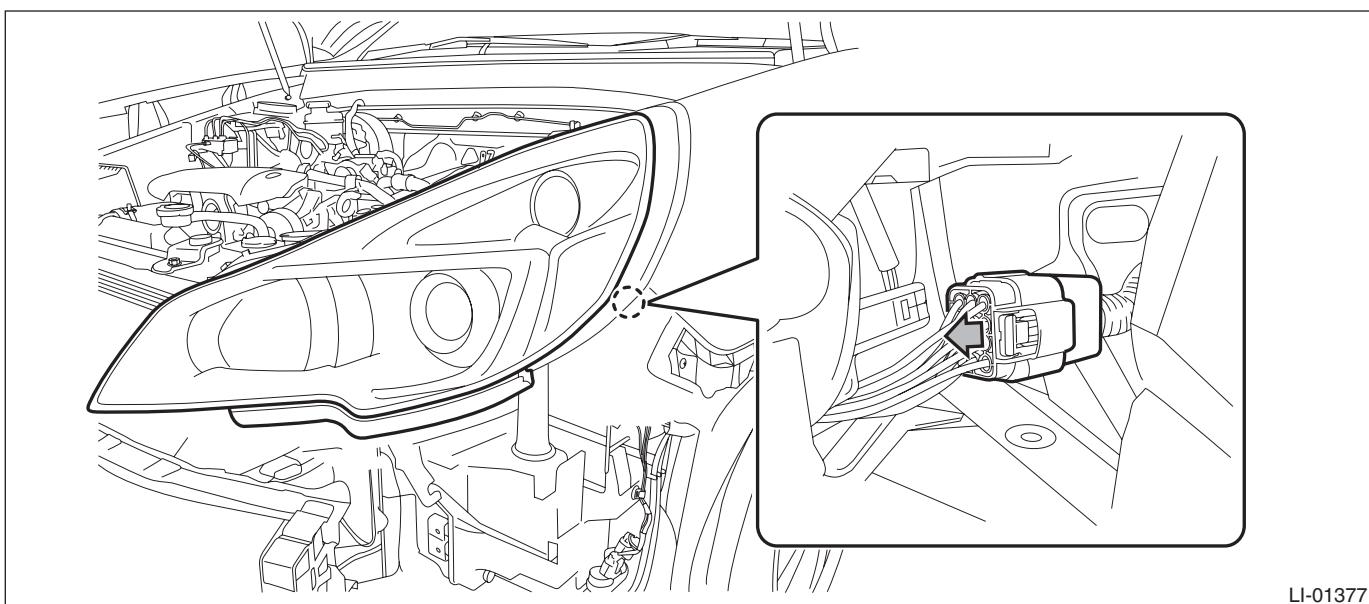
(2) Disconnect the connector and remove the headlight assembly.

- Headlight connector RH



LI-01082

- Headlight connector LH



LI-01377

B: INSTALLATION

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

Tightening torque:

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

2) Adjust the headlight beam and fog light beam.

- Adjust the headlight beam. <Ref. to LI-30, HEADLIGHT BEAM ADJUSTMENT, ADJUSTMENT, Headlight Assembly.>
- Adjust the fog light beam. (Model with fog light) <Ref. to LI-42, FOG LIGHT AIMING, ADJUSTMENT, Front Fog Light Assembly.>

Headlight Assembly

LIGHTING SYSTEM

C: ADJUSTMENT

1. HEADLIGHT BEAM ADJUSTMENT

CAUTION:

• Turn off the light before adjusting the headlight beam level. If it is necessary to inspect the beam level, do not keep the light on for two minutes or more.

• When blocking the light emitted from the headlight, use a light shield or equivalent.

Do not apply the tape on the lens or place the cloth over it. It may raise the temperature in the light and cause deformation/bubble formations of the plastic lens.

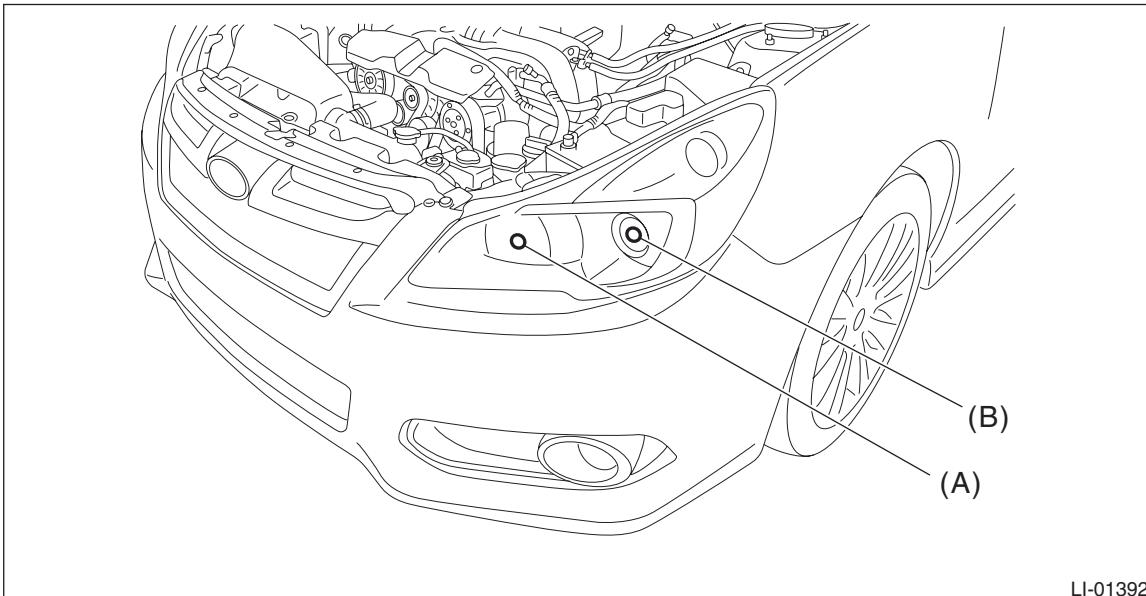
1) Before checking the headlight beam level, be sure of the following:

- The area around the headlight has not sustained any scratches, damage or other type of deformation.
- Vehicle is parked on a level surface.
- The inflation pressure of tires is correct.
- Vehicle's fuel tank is fully filled.

2) Bounce the vehicle several times to normalize the suspension.

3) Make certain that someone is seated in the driver's seat.

4) Measure the distance between the low beam bulb centers and the height of the bulb center.



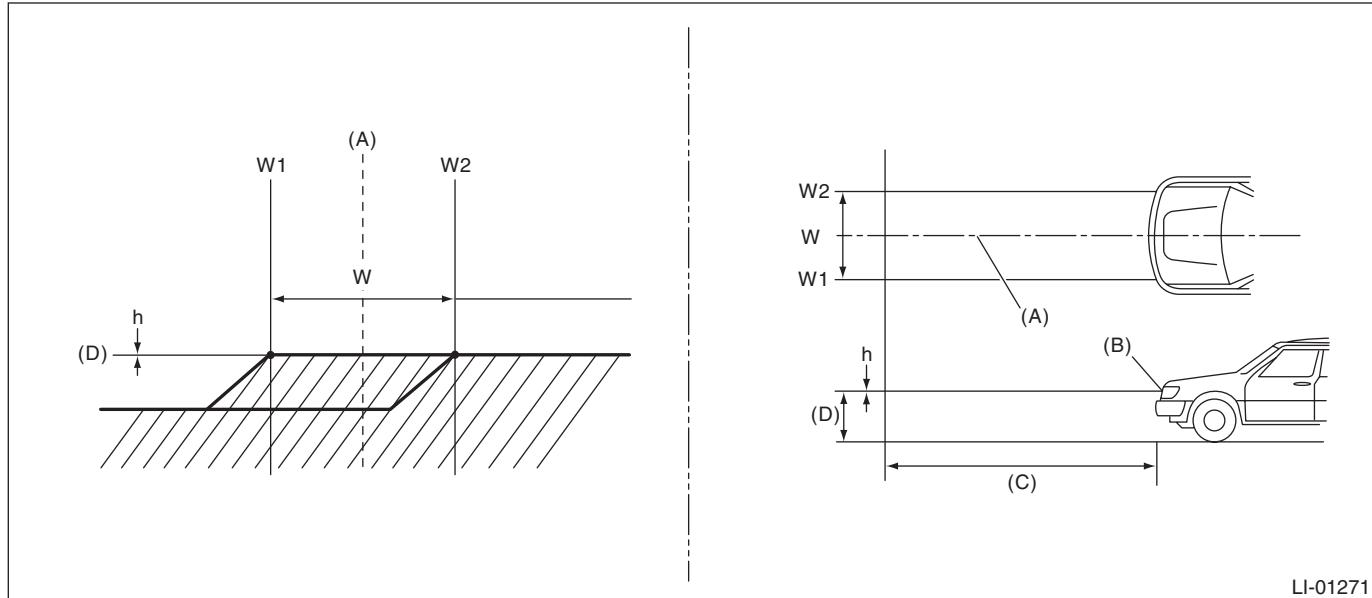
(A) High beam

(B) Low beam

Headlight Assembly

LIGHTING SYSTEM

5) Place the vehicle with the front end facing to the measurement panel.



LI-01271

(A) Vehicle center

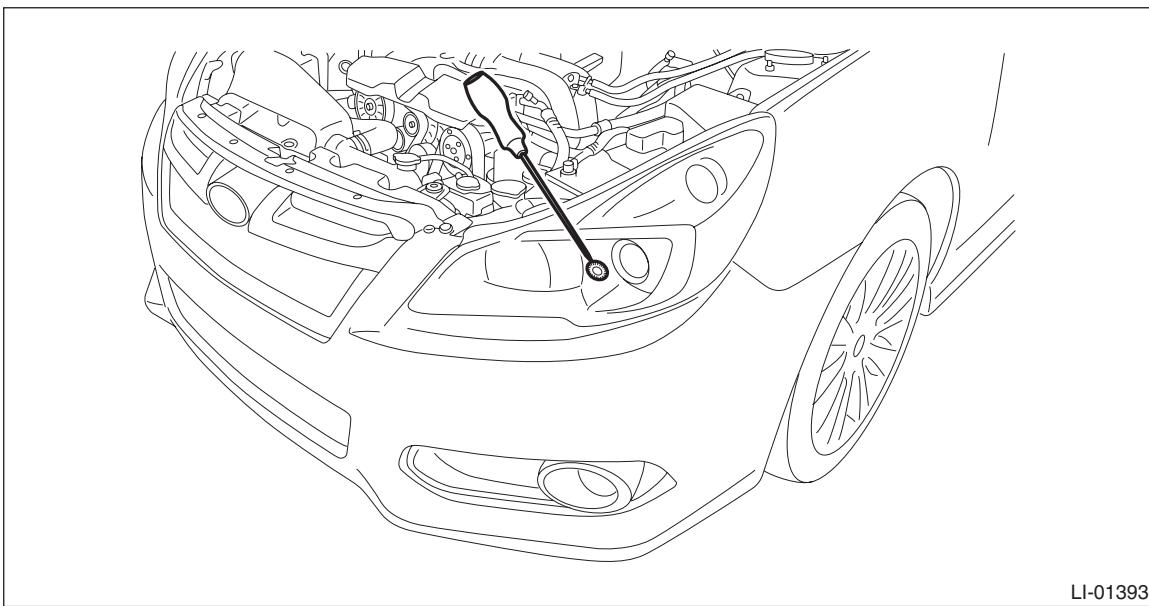
(C) 3 m (10 ft)

(D) Height of headlight center

(B) Bulb center marking

W mm (in)	h mm (in) at 3 m (10 ft)
1,404 (55.28)	Height of headlight center

6) Adjust the headlight low beam by turning the aiming screw.



LI-01393

NOTE:

When using a tester, follow the instructions of the tester manual.