

12.Headlight Bulb

A: REMOVAL

1. HIGH BEAM AND HALOGEN TYPE LOW BEAM

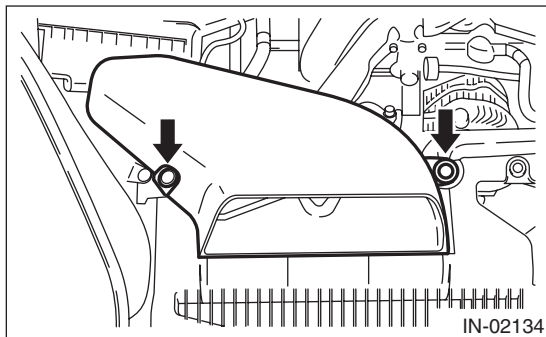
CAUTION:

- Because the halogen bulb operates at a high temperature, dirt and oil on the bulb surface reduces the bulb's service life. Hold the flange portion when replacing the bulb. Never touch the glass portion.

- Do not leave the headlight without a bulb for a long time. Dust, moisture, etc. entering the headlight may affect its performance.

1) Disconnect the ground cable from the battery.

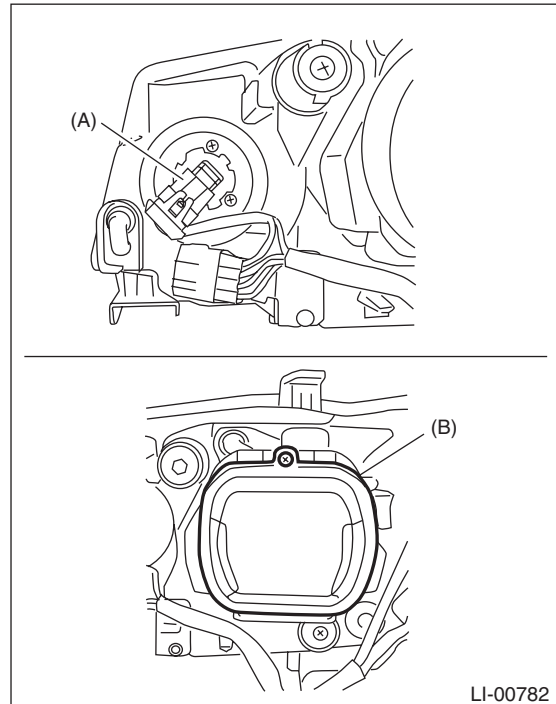
2) Remove the air intake duct. (When removing the headlight bulb RH).



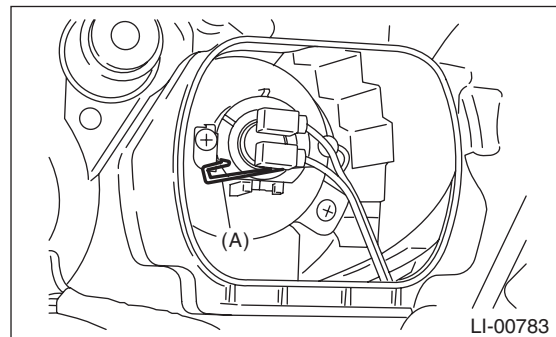
3) Remove the battery. (When removing the headlight bulb LH)

4) Disconnect the harness connector.

5) Remove the bulb assembly (A) then remove the high beam. To remove the low beam, remove the back cover (B), and then go to Step 6).



6) Remove the light bulb retaining spring (A) to remove bulb.



Headlight Bulb

LIGHTING SYSTEM

2. HID TYPE LOW BEAM

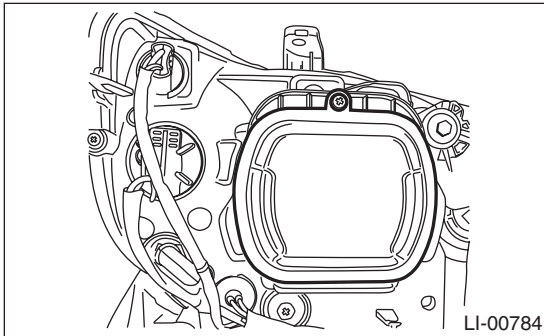
CAUTION:

- Do not perform work with wet hands.
- The lighting circuit uses very high voltages. Make sure that the power is turned OFF before working.

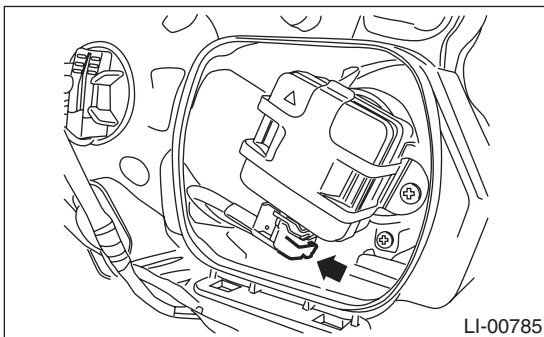
- When replacing the bulb, hold the flange area, and be careful not to touch the glass with bare hands.

- Do not leave the headlight without a bulb for a long time. Dust, moisture, etc. entering the headlight may affect its performance.

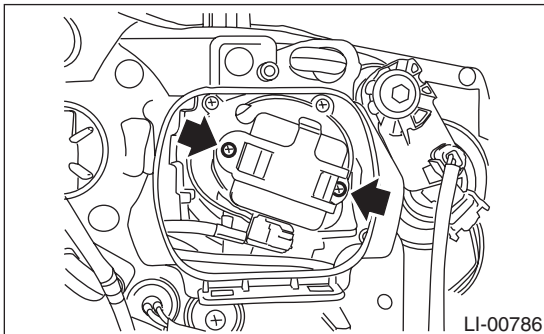
- 1) Disconnect the ground cable from the battery.
- 2) Remove the headlight assembly. <Ref. to LI-13, REMOVAL, Headlight Assembly.>
- 3) Remove the back cover.



- 4) Unlock the back cover and disconnect the harness connector.



- 5) Remove the screws, and then remove the valve.



B: INSTALLATION

Install in the reverse order of removal.

C: INSPECTION

1. HALOGEN TYPE

- 1) Visually check the bulb for blow out.
- 2) Check the bulb specification.
<Ref. to LI-2, SPECIFICATION, General Description.>
- 3) If NG, replace the bulb with a new part.

2. HID TYPE

CAUTION:

- Do not perform work with wet hands.
- When lit (lighting switch is ON), do not touch the harness, light internals, or metal parts of the light.

- When performing a lighting check, always do so in a vehicle installed condition, and connect with the vehicle connector for the power source.

- 1) Check the bulb specification.
<Ref. to LI-2, SPECIFICATION, General Description.>
- 2) Install the factory HID bulb to check whether it lights properly.
- 3) If it does not light properly, replace with a new bulb.
- 4) Inspect the HID ballast.

Inspect the ballast in the following manner, and determine whether or not to reuse.

- (1) Perform cold starts (light the headlight after turning off for more than 10 minutes), and hot starts (light the headlight for 15 minutes or more, then turn off for 1 minute and relight) several times, to make sure that the headlight lights properly.

- (2) Monitor the lighting condition right after a cold start up to a stable state (approx. 5 min.), to see if there are any unstable conditions such as flickering.

- (3) Install bulbs with the same number of operating hours on both headlights, and light for approximately 30 minutes. Check for whether there is a difference in brightness on the right and left sides.

- 5) If there is a problem, replace with a new ballast.