

12.Headlight Bulb

A: REMOVAL

1. HIGH BEAM & HALOGEN TYPE LOW BEAM

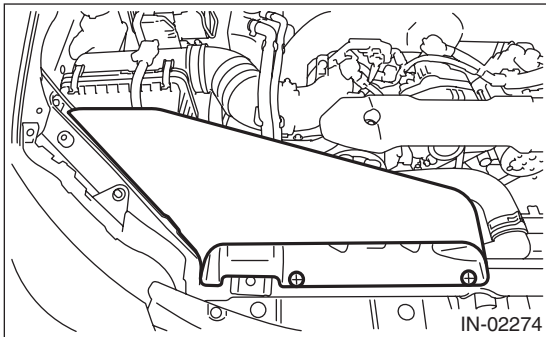
CAUTION:

- 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 battery.

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

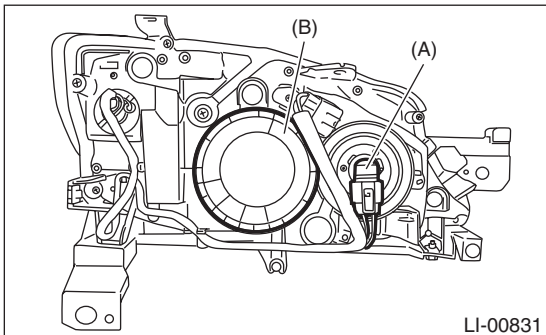


3) Remove the battery cover. (When removing the headlight bulb LH)

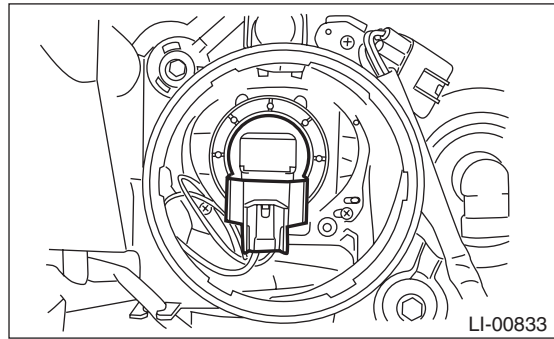
4) Tilt the washer tank filler neck. (When removing the headlight bulb LH)

5) Disconnect the harness connector.

6) 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 7.



7) Disconnect the harness connector, and remove the bulb.



2. HID TYPE LOW BEAM

CAUTION:

- Do not work with wet hands.

- Because the lighting circuit uses high voltage, be sure to confirm that the power supply is turned off before operation.

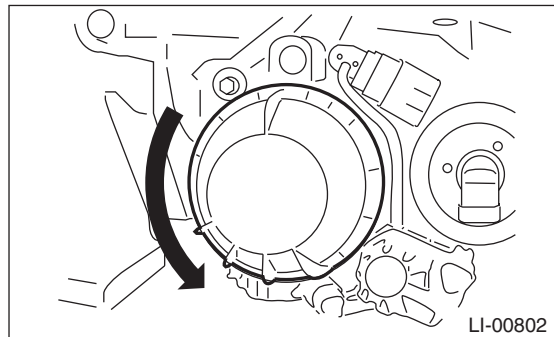
- When replacing the bulb, hold the flange portion, and never touch the glass.

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

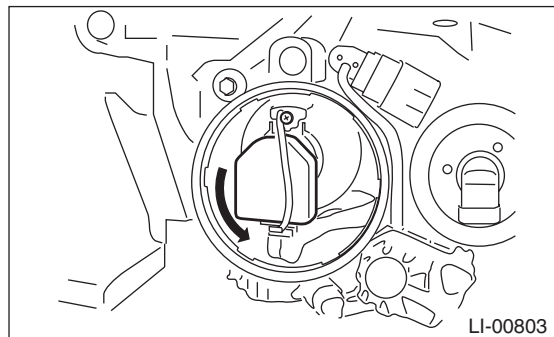
1) Disconnect the ground cable from the battery.

2) Remove the headlight assembly. <Ref. to LI-14, REMOVAL, Headlight Assembly.>

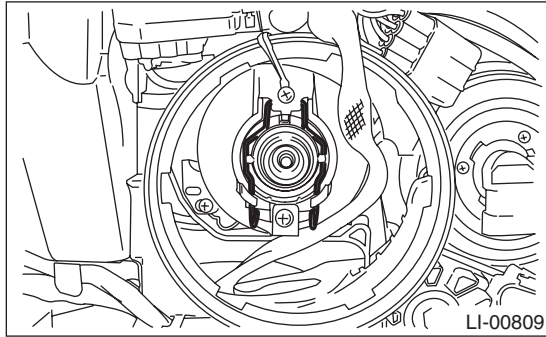
3) Remove the back cover.



4) Disconnect the harness connector.



- 5) Remove the light bulb retaining spring, and remove the bulb.



- (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 malfunction, replace with a new ballast.

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 test, make sure that the headlight is mounted on the vehicle, and the power supply is connected to the connector on the vehicle's side.

- 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 10 minutes or more), 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.