

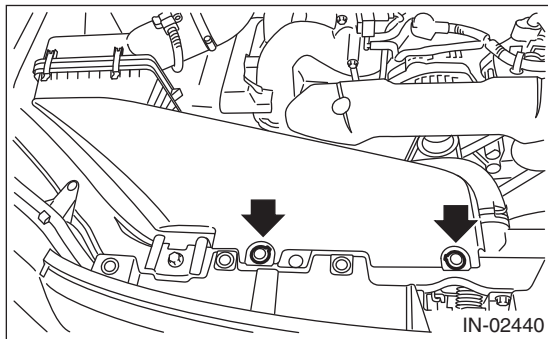
13. Headlight Bulb

A: REMOVAL

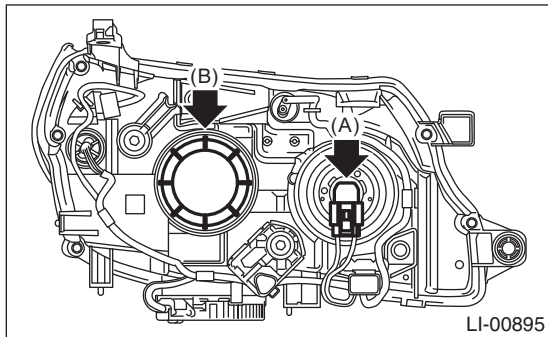
1. HIGH BEAM & HALOGEN TYPE LOW BEAM

CAUTION:

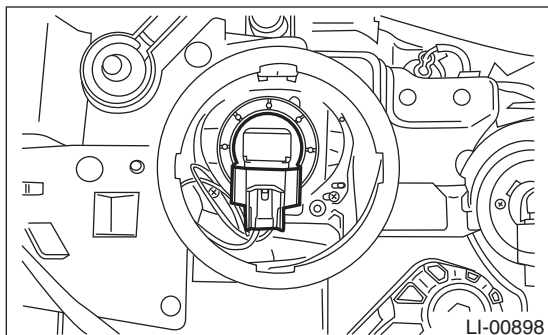
- Because the halogen bulb operates at a high temperature, dirt and oil on the bulb surface reduces the bulb's service life. Hold the flange portion when replacing the bulb. Never touch the glass portion.
 - Do not leave the headlight without a bulb for a long time. Dust, moisture, etc. entering the headlight may affect its performance.
- 1) Disconnect the ground cable from the battery.
 - 2) Remove the air intake duct (rear). (When removing the headlight bulb RH).



- 3) Disconnect the harness connector.
- 4) 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 5.



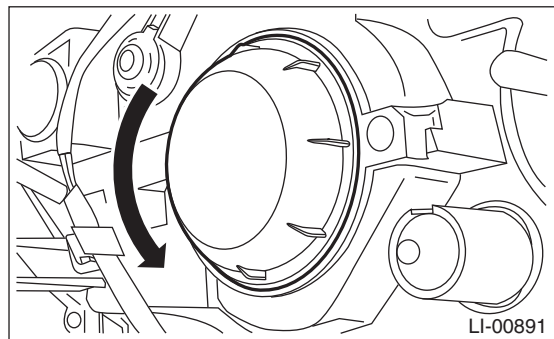
- 5) Disconnect the connector, and remove the bulb.



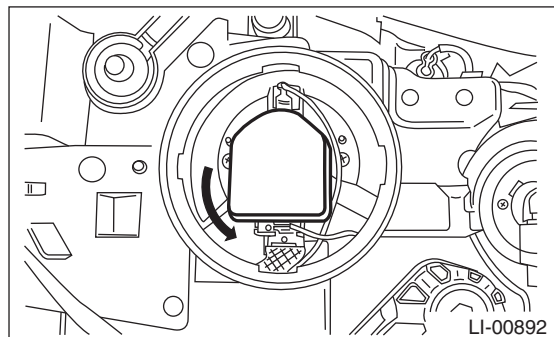
2. HID TYPE LOW BEAM

CAUTION:

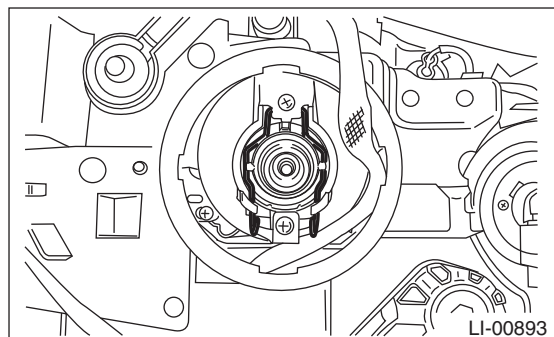
- Do not work with wet hands.
 - Because the lighting circuit uses high voltage, be sure to confirm that the power supply is turned off before operation.
 - When replacing the bulb, hold the flange portion, and never touch the glass.
 - Do not leave the headlight without a bulb for a long time. Dust, 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-17, REMOVAL, Headlight Assembly.>
 - 3) Remove the back cover.



- 4) Disconnect the harness connector.



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



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 work with wet hands.**
- **Do not touch the harness, inner headlight, or any metallic portion of the headlight when the light is illuminated (when the lighting switch is turned on).**
- **When performing a lighting test, make sure that the headlight is mounted on the vehicle, and that the power supply is connected to the connector on the vehicle side.**

- 1) Check the bulb specification.
<Ref. to LI-2, SPECIFICATION, General Description.>
- 2) Install a SUBARU genuine HID bulb to test whether it lights properly.
- 3) If the headlight does not illuminate, replace the bulb with a new part.
- 4) Check the HID ballast.
Check the ballast in the following methods, and judge whether or not it can be reused.

- (1) Perform the cold start (turning on the lights after the headlights have been off for 10 minutes or more) and hot start (turning on the headlights for 15 minutes or more → turning off the lights for one minute → turning on the lights again) several times and check if the headlights illuminate properly.
 - (2) Check the lighting condition immediately after the cold start until stable (approx. 5 min.), to make sure that an unstable condition (flicker etc.) does not occur.
 - (3) Attach two bulbs with equal amounts of operating hours to the right and left headlights, and light the headlights for approx. 30 minutes. Check to make sure that there is no difference in brightness between the right and left headlights.
- 5) If NG, replace the ballast with a new part.