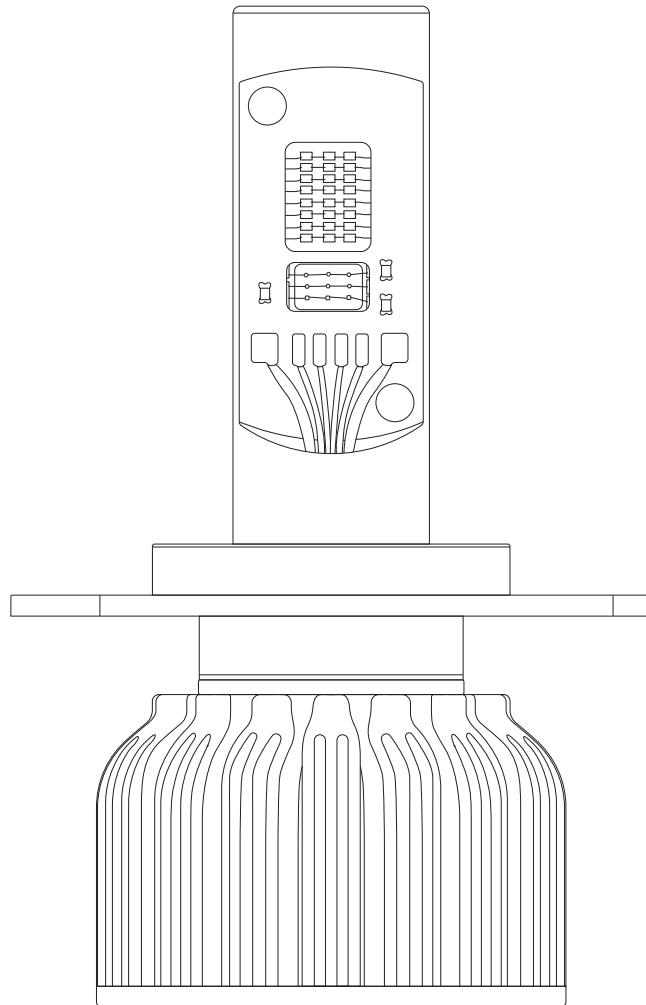


L U M E N

RGB LED Headlight Conversion Kit

INSTALLATION INSTRUCTIONS



880XHLC-RGB, 9004HLC-RGB, 9005HLC-RGB, 9006HLC-RGB, 9007HLC-RGB, 9012HLC-RGB, H10XHLC-RGB, H11XHLC-RGB, H13XHLC-RGB, H16XHLC-RGB, H1XXHLC-RGB, H3XXHLC-RGB, H4XXHLC-RGB, H7XXHLC-RGB, H8XXHLC-RGB



Inspection and First Steps

- Ⓐ Open the box and make sure you have received all components necessary to complete the installation.
- Ⓑ Turn on your vehicle and make sure your headlights are functioning properly. Test the high and low beams to be sure there are no pre-existing electrical issues that need to be addressed.
- Ⓒ Identify the high and low beam bulb locations in the headlight assembly to be sure you are replacing the bulbs correctly.
- Ⓓ Turn off your vehicle, shut off the lights, and allow the headlight components and engine compartment to cool before you proceed.

****Please note that the following steps will vary by vehicle and you may need to consult your vehicle user manual for proper instructions****

- Ⓔ Access the rear of the headlight assembly for the bulb(s) you are replacing.



- Ⓕ Remove the bulb from the headlight assembly.



Ⓒ Disconnect all wiring from the bulb base.



Ⓓ Connect all the components for the driver and passenger side bulbs.



Ⓔ Here is the order of connections:

Bulb → Inverter (already attached) → OE Harness

Bulb → RGB signal wire (already attached) → Bluetooth controller → 12V accessory & ground

- ⓐ Be sure to scan the QR code and download the app to properly operate the RGB function of the headlights.



- ⓑ Attach the bulb specific connectors from the LED conversion kit to the factory harness connectors.



- Ⓐ Connect the Bluetooth controller red wire to a 12V accessory wire or primary power source (battery) and the black wire to ground. Please note that every vehicle will be different and consulting a user manual or professional installer for further details is HIGHLY recommended.



- Ⓜ Once all connections are secure, test the headlights to be sure you have a complete circuit / connection.

IMPORTANT! Make sure you are within 10 feet of your control box for the next steps.

- Ⓝ Follow the instructions included in the box to launch and control app functionality.



- ⓐ Install the bulbs into the headlight assembly and secure any additional wires.

NOTE: Due to the size of LED bulbs you may need to file or slightly expand the socket opening to receive the new LED bulb.

- ⓑ The bulb may be equipped with a removable fitment collar to help with the installation. You can slide the collar off the bulb after unlocking it with a twist.

Note: Collar NOT included with 880, H1 and H3 bulb types.



- ⓒ Place the collar into the bulb socket and secure it.



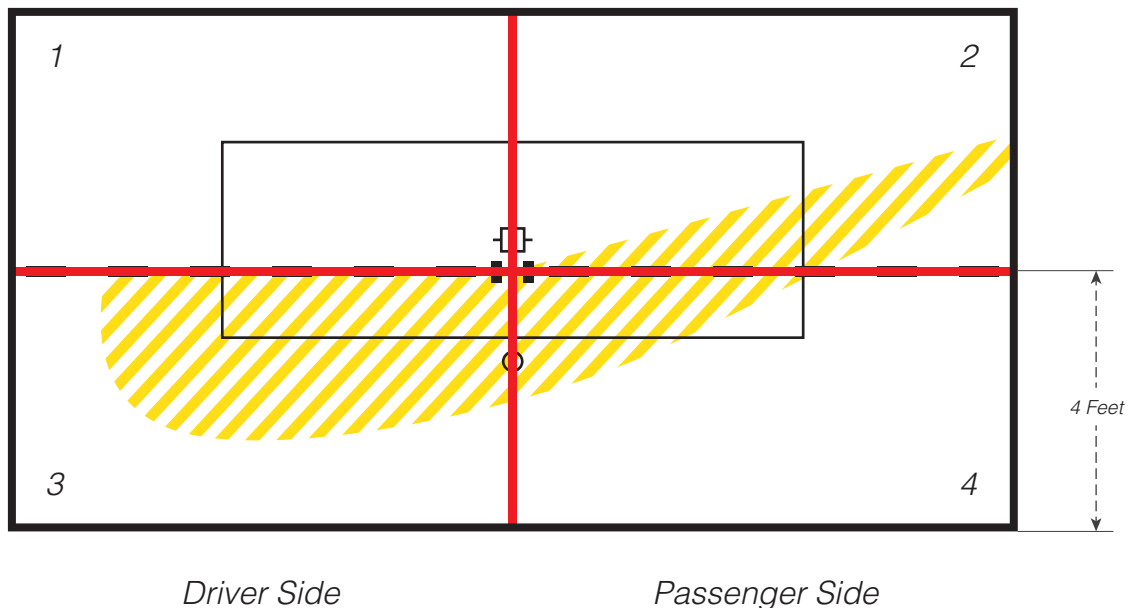
Ⓜ Insert the bulb into the secured collar and lock the bulb with a twist.



Ⓝ Do not re install OEM dust covers, to allow for adequate cooling of conversion bulbs

Adjusting Your Headlight Beam Angle

- Ⓣ To achieve the optimal beam angle, you may need to adjust the bulb's beam angle or the headlight assembly.
- Ⓢ Check your vehicle owner's manual to identify the location of the headlight vertical and horizontal adjusting screws. Be aware that there is a difference between adjusting screws and the screws that secure the headlights to the vehicle.
- Ⓥ Park on a level surface with the vehicle pointed towards a wall with 25 ft or more of space in between the vehicle and the wall.
- Ⓦ The ideal light pattern will be no more than 4 feet off the ground on the driver's side. If you think of the light pattern on the wall as a four-part quadrant, there should be little to no light in quadrant #1 above 4 feet (to avoid blinding oncoming traffic), and there should be light above 4 feet in quadrant #2 (to maximize visibility for roadside hazards). See the image below as an example:



- ⓧ If you have made the proper adjustments and your headlight beam pattern is still not safe for oncoming traffic, you may need to adjust (twist) the bulb within the housing to optimize the beam pattern or recheck the adjustment screws on your headlight assembly.

Check out more lights in our online store.