



“Lux King” headlights
for C6 Corvette

Installation Guide

Tools list

Required tools

- Torx 15 screwdriver
- Philips head screwdriver
- 10mm wrench/socket
- 7mm wrench/socket
- Microfiber towel
- Jack and jack stands

Suggested Tools

- Panel-Puller tool
- Socket extension suggested
- Cordless drill with socket adapter suggested
- Creeper (or blanket/cardboard sheet unless you have a really nice garage floor)

1. Jack up the front of the car, secure with jack stands.
2. Identify and remove the 10mm nut just in front of the air dam.



3. Remove the plastic retaining pins shown here. (Z06 and ZR1 cars also require removal of wheel leading-edge splash guards to access these pins)

A panel-removal tool is ideal here, but a pair of needle nose pliers will work with patience.

Once these are removed, you can slide out the panel as an entire piece.



4. Remove the Torx 15 screws along the fender.

5. Remove the four 10mm screws on the front bumper.



6. Firmly lift the front bumper to reveal an additional Torx 15 screw on the fender. Remove this screw.

(It's suggested to use a microfiber towel and another screwdriver to hold this panel open while you remove the T15 screw)



7. From under the car, there are three 10mm nuts that hold the fender to the front bumper. Remove these (A ratchet socket or cordless drill with an extension will help here)



8. Three 10mm nuts with large washers hold the headlight in place. Remove these nuts to release the headlight.

Disconnect the headlight's harness then pull the fender and bumper apart and wiggle the headlight free.



Lens Removal

I do not currently have experience with removing the lens from these headlights. This is best done by an expert with experience.

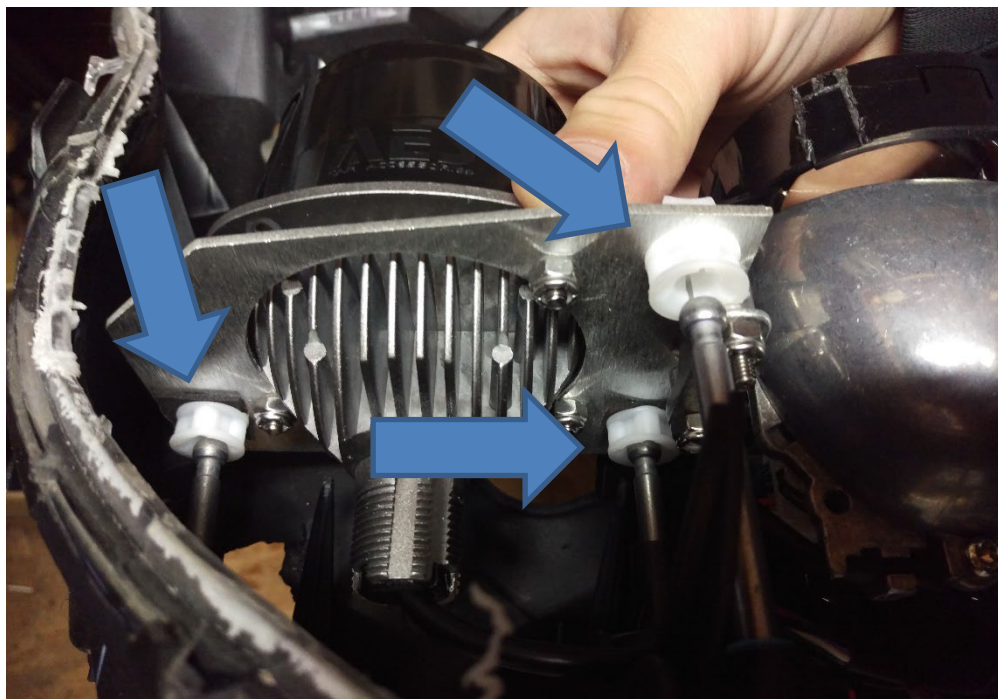
9. Once the lens is removed, you can see the projector assembly is held in place with just 3 pivot bolts. Pull forward on the projector assembly and the ball joint head of each bolt will pop free of the socket.



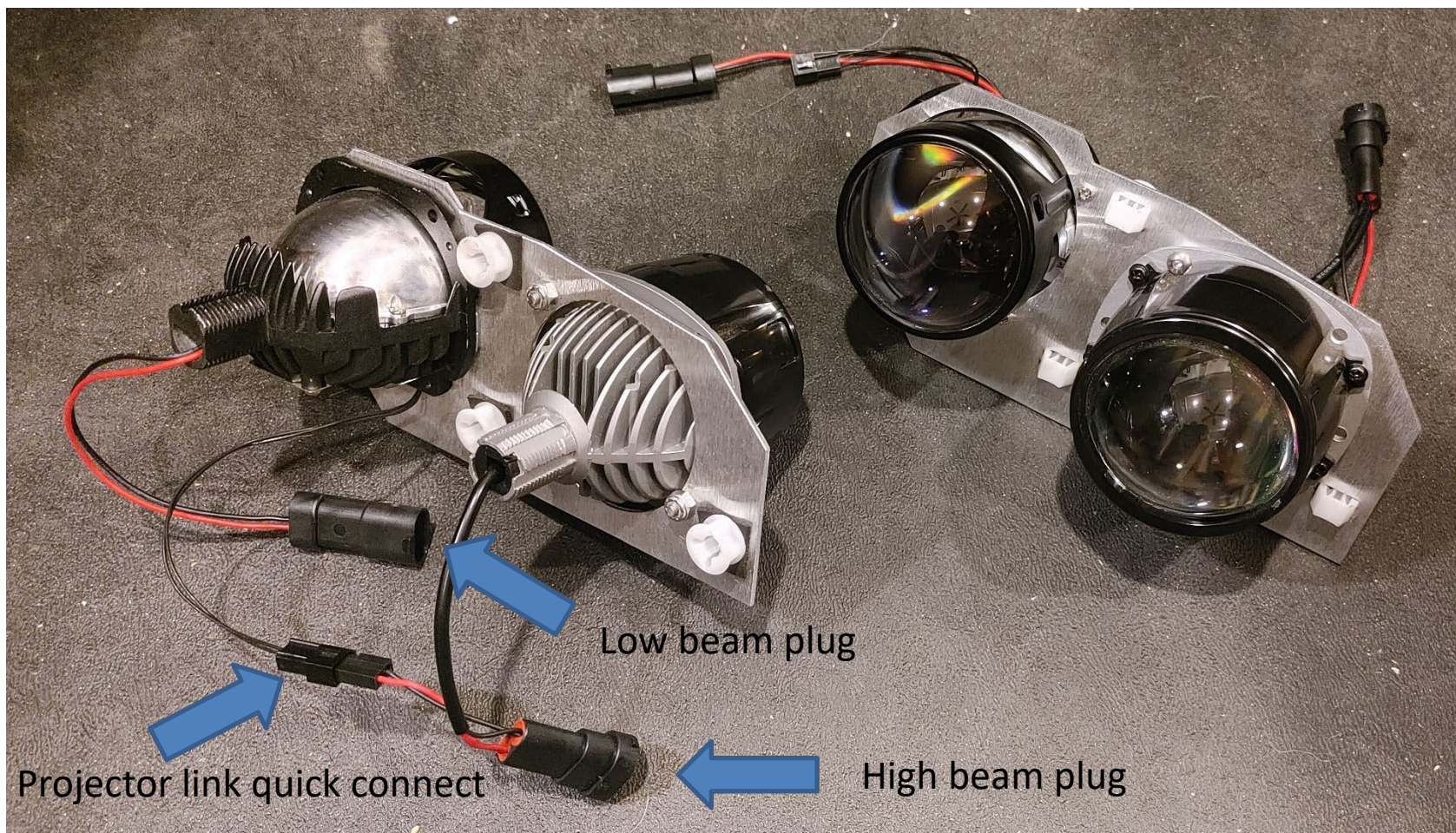
10. Locate the HID ballast on the bottom of the headlight and remove the 4 screws holding it in place. Remove the HID ballast. The 3-pin connector with the green seal will be reused. Remove the output connector. Remount the HID ballast. It serves as a dust seal.



11. Mount the new projector assembly using the factory adjuster bolts by pressing the sockets into the ball head of each of the three bolts.



12. Connect the quick connect link between the projectors. Connect the factory H9 connector to the split pigtail to the high beams and projector. (make sure the black wires line up at the connector) Connect the 3-pin factory connector to the wires coming out of the back of the Black LED projector



13. If you have the car available, test the light function by plugging into the factory connector. If the test is successful, proceed to installing the new lens (not included) Lens installation best done by a professional or someone with extensive experience.



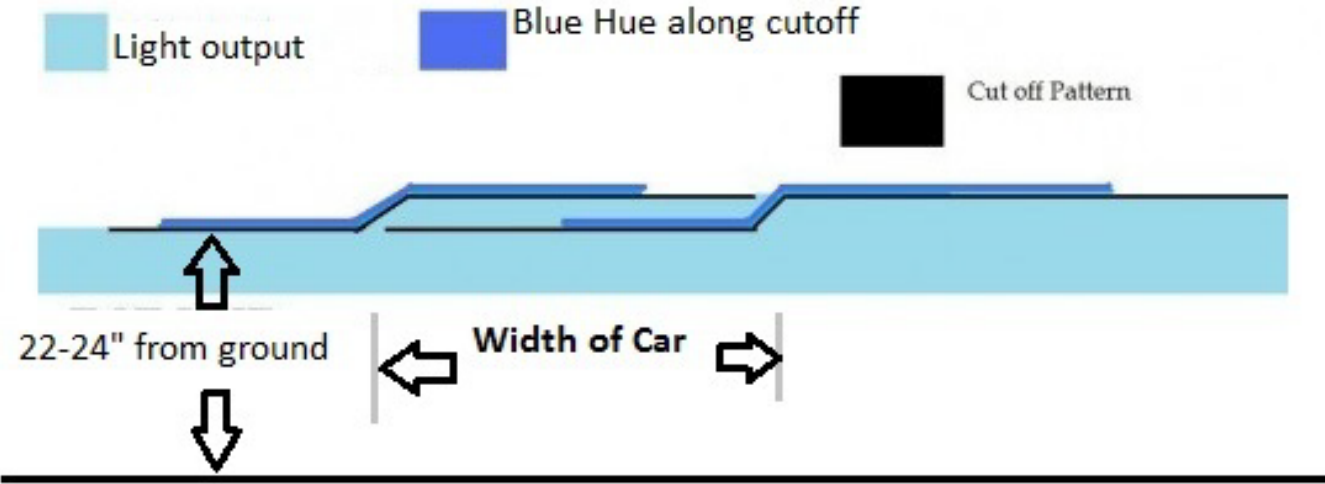
Aiming

1. The headlights should not need any horizontal adjustment. Vertical adjustment should be minimal and can be done from under the hood as shown:

(passenger's side shown here)



2. At a distance of at least 15 feet (ideally 20+) adjust each headlight until the pattern looks like the pictures. The left side of each beam should be no more than 24" from the ground for cars with factory ride height.



FINISHED

