



D2S/LED headlight upgrade for C6 Corvette

1. Safely jack the car up and remove the wheel
2. Remove the 10mm nut on the underside of the bumper shown here:



3. Remove all of the plastic push-pins shown here



4. Remove the wheel well and lower access panel as one piece:



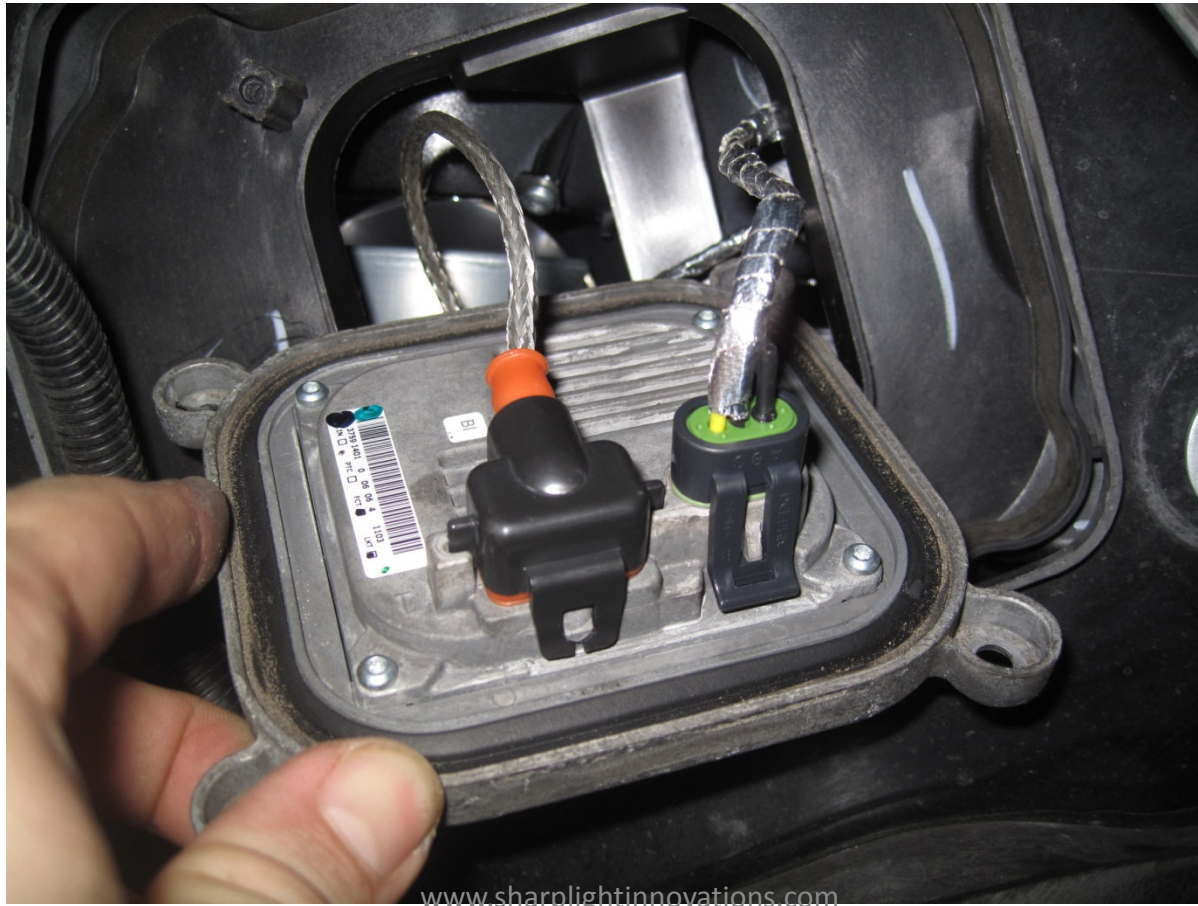
5. Disconnect the fog light bulb and remove the fog light assembly by removing the three 7mm screws on the bottom of the assembly (The fog light removal will allow ease of installation with another opening for your arm)
6. Remove the high beam (inner) bulb seal, and remove the halogen bulb. Use the supplied cut foam seal to seal the opening around high beam housing. The high beam harness wires will fit in the slit in this seal. Connect the factory high beam connector to the LED bulb connector.
7. Install the LED high beam bulb in the and fold the wire-mesh heat sink around to keep them in the headlight area.



8. Remove the low beam bulb retainer by removing the two T-10 screws. Keep the retainer (it will be re-used).



9. Underneath the headlight, identify and remove the HID ballast by removing the four 7mm screws. Disconnect the green-seal harness from the ballast. The green-sealed connector will remain with the light, The orange connector and harness can be removed completely removed with the ballast.



10. Insert the D2S Adapter from the back-side of the headlight as shown. Reach in from the underside to locate the connectors and gently pull them through the opening as shown.



11. Mount the HID ballast to the frame rail. Connect the HID output harness to the D2S connector.
12. Using the supplied adapter harness, connect the factory low beam connector to the HID ballast input.
13. Thread the wires through the slit in the foam of the supplied dust-cover plate. Re-install with the factory screws as shown. (the connectors for the HID wires will be on top of the plate)
14. Use 3M tape or similar glue (not supplied) to mount the HID igniter box to the dust cover plate.



15. From the rear of the headlight, gently pull the D2S Adapter back out to allow clearance to install the HID bulb.
16. Install the D2S bulb in the low beam projector ensuring the bulb is seated, then use the factory retaining clip to secure the bulb to the projector. (If you drop a screw, you can reach in with fingers and maneuver it out)
17. Connect the D2S adapter and twist-lock the connector clockwise. Replace the factory low beam dust cover.



18. Check function of low and high beams.
19. Re-install the fog light (make sure to connect the harness) Re-install the Access panel assembly.
20. (Optional) It may be advisable to re-aim the headlights vertical adjustment.

(The recommendation is for the driver's side of each cutoff should be between 22-24" on a flat surface at a distance of 20 feet. This will allow for maximum projection range of the low beam without glare to oncoming traffic)

Enjoy!