

C5 Bi-LED Headlights – Installation Instructions: (3-4 hours installation time)

Instructions Revised from: <https://www.corvetteforum.com/forums/c5-general/1924521-aca-hid-install-lotsa-pics.html>

1. Make sure engine is off and car is in park before disconnecting the negative battery cable
2. Remove the screws on the back of the headlight covers using a #20 Torx



3. Remove two accessible screws to the headlight shrouds with lights still down



4. Remove the cover from the manual screws on both headlight motors and turned them to raise the headlight assemblies to their highest point. Pull up on the front of the headlight while raising it manually to make it easier to turn



5.Remove final screw



6.Pull shrouds off



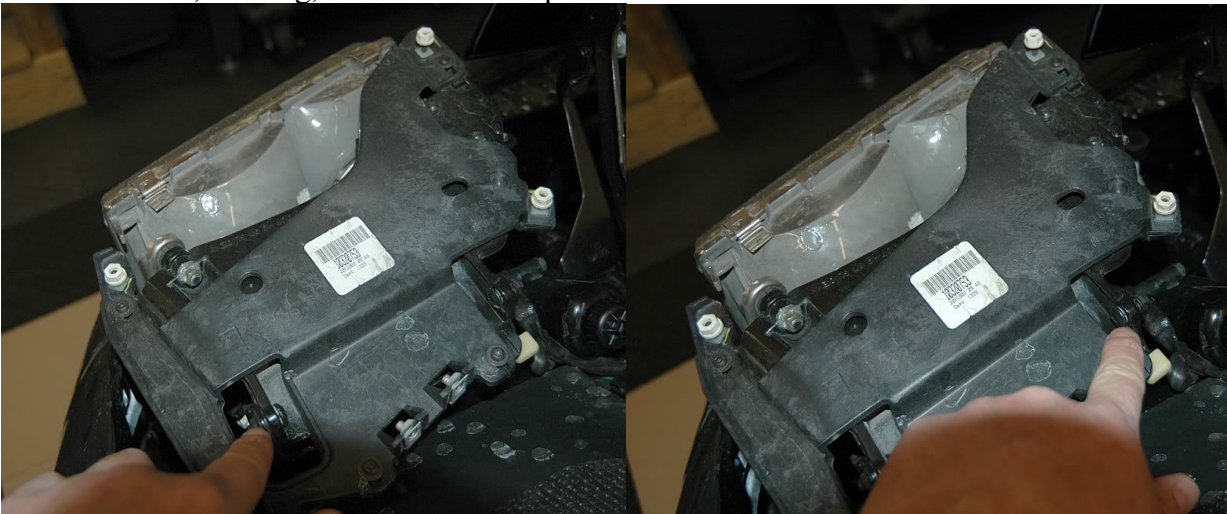
7.Remove the two side screws from each of the headlight covers.



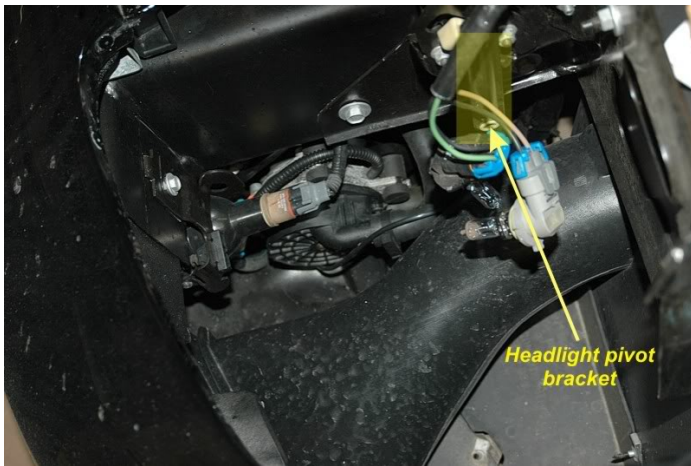
8. It is easier if you remove the entire headlight assembly



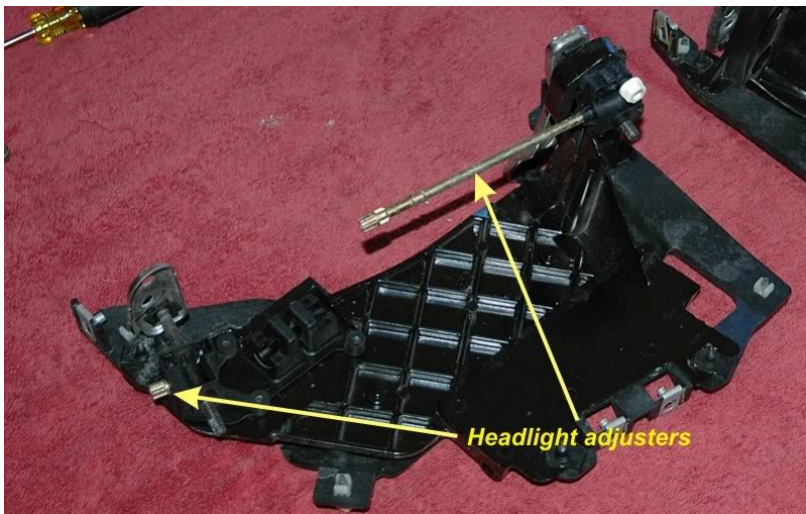
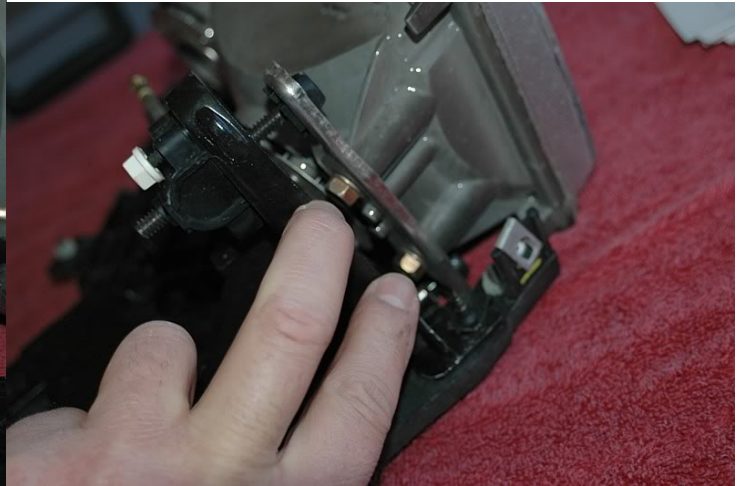
9. There are two bushed shoulder bolts held on with thread locked nuts that need to come out. Use WD-40 to help with removal. Be extremely careful unscrewing the bolts so you don't strip or break them. Keep the shoulder screw, bushing, and nut in a safe place



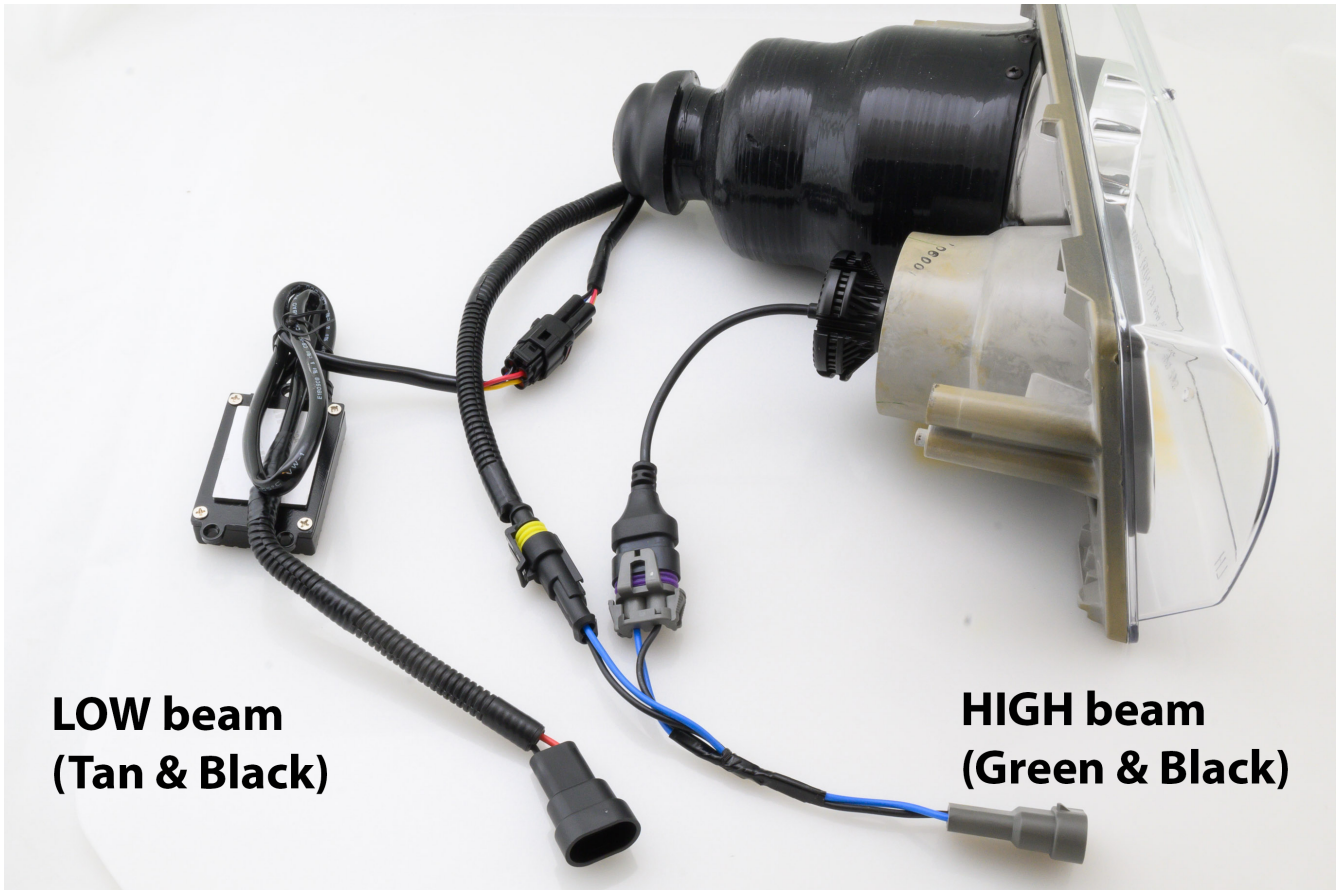
10. Once the rear hinges are free, flip the headlights forward from the back, remove the electrical connectors from the rear of the lamp housings and expose the underside where there is a pin about 3/8" in diameter with a retaining washer that needs to be popped off so the pin can be extracted. This pin runs through the pivot bracket that is attached to the gear motor that raises the headlight. The yellow arrow points to the pivot bracket in the picture below



11. Once the headlights are out of the car, put them on a table. The headlight bulb housings need to come off at this point. Remove 3 screws



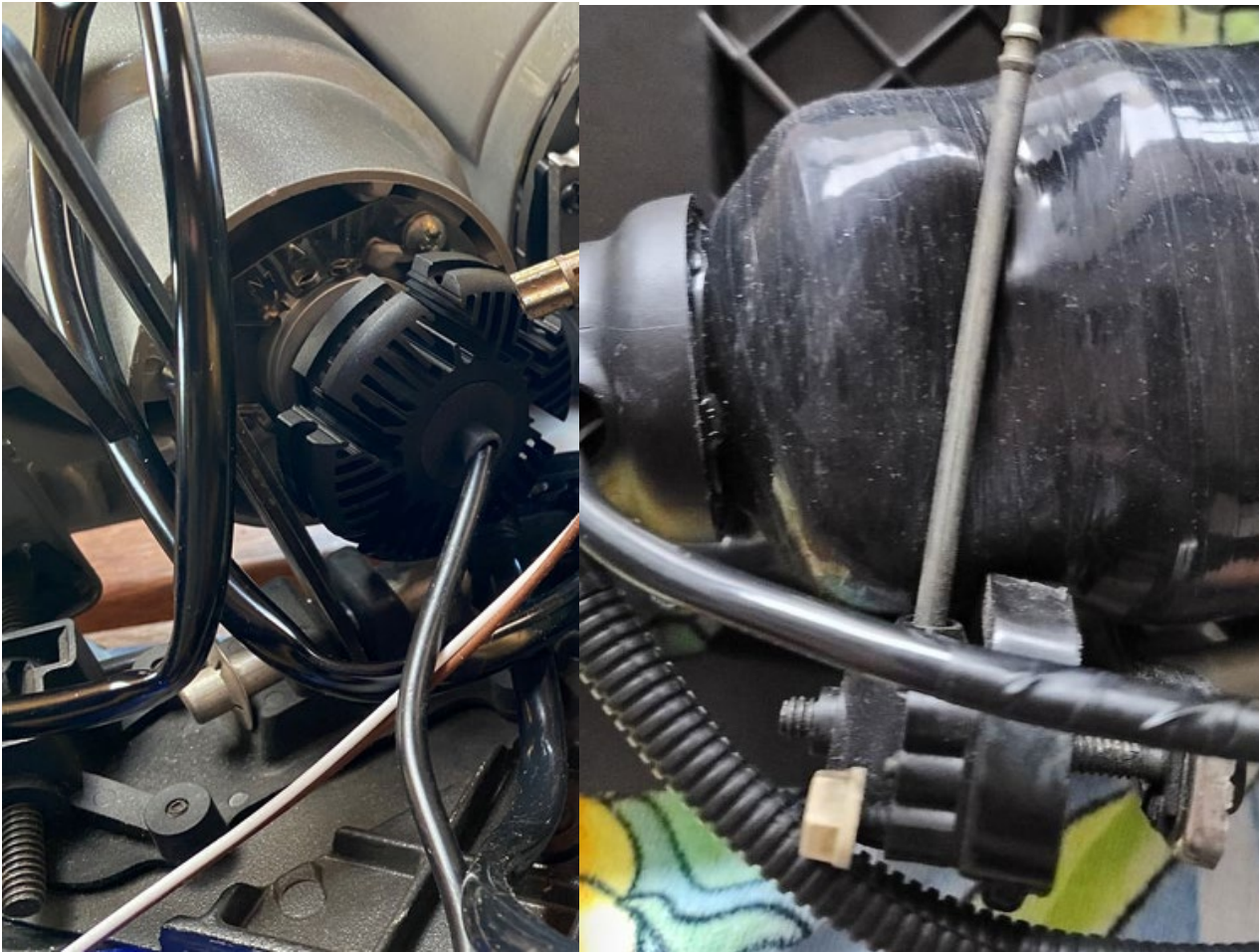
12. Plug the blue/black wire harness into the LED high beam and the bi-LED projector, as shown below. Plug the red/black harness into the bi-LED projector's red/black wire connector.



13. Install the housings onto the brackets. **To avoid damage, be very careful when screwing the self-threading screws.** Take your time and clear the plastic shavings out as you work the screws in and out. Do NOT use power tools

It is normal to take longer as the flexible silicone heat protector for the low beam projector is tightly fitted with the headlight adjuster. Take extra care to slide it in and adjust to make everything fit.





14. Then place the headlight assemblies in the compartment loosely, taking care to wrap/tape the lenses for protection. Push the harness connectors into the appropriate receivers and connect the OEM headlight connectors to the correct connectors on the housings taking care to match the positive/negative.

LOW BEAM: Tan & Black
HIGH BEAM: Green & Black





15. The next steps are a reversal of the headlamp removal process. Position them in place, reinsert the pivot pin through the housing and pivot bracket, pushing in the retainer washer afterwards. Then replace the shoulder bolts, bushings and nuts at the rear hinges using blue thread locker to ensure they do not work loose. Once again, be very careful screwing them in to avoid damage. Do NOT use power tools.

16. Reconnect the negative battery cable and test the headlights. When the high beams are activated, you should hear a click sound from the low beam



17. Replace the headlight covers and shrouds. Enjoy the look of your new bi-LED projector headlights on your C5 Corvette.