

# 2009-2020 NISSAN 370Z XB LED HEADLIGHTS INSTALL GUIDE

**WARNING:** By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

## PACKAGE CONTENTS



2X HEADLIGHT ASSEMBLIES

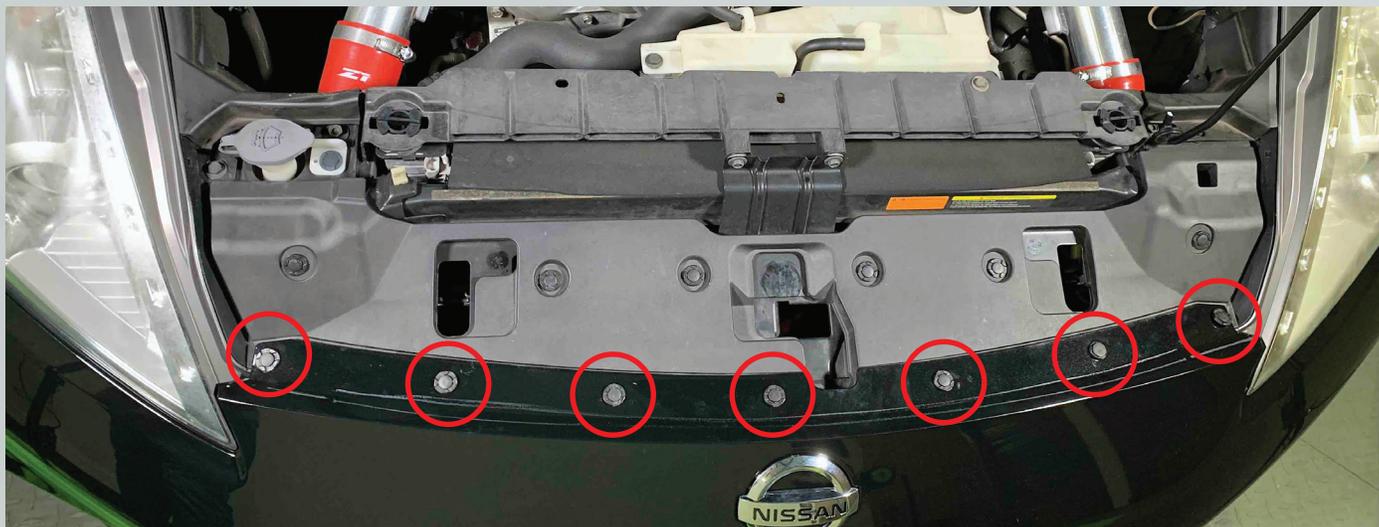


1 X FUSE TAP / DRL HARNESS

**IMPORTANT:** If your vehicle is equipped with anything but OEM turn signals (full assemblies, LED bulbs, or otherwise) in the tail lights or elsewhere: You may experience a hyper flash and/or problem with the sequential signal setting on these headlights. This is not a defect in the headlight, and caused by un-matched impedance with your original vehicle settings.

# INSTALLATION PROCESS

1. Remove the seven (7) plastic clips holding the top of the bumper.



2. Pull back both fender liners and remove one (1) 10mm bolt on each side of the car holding the bumper to the fender.



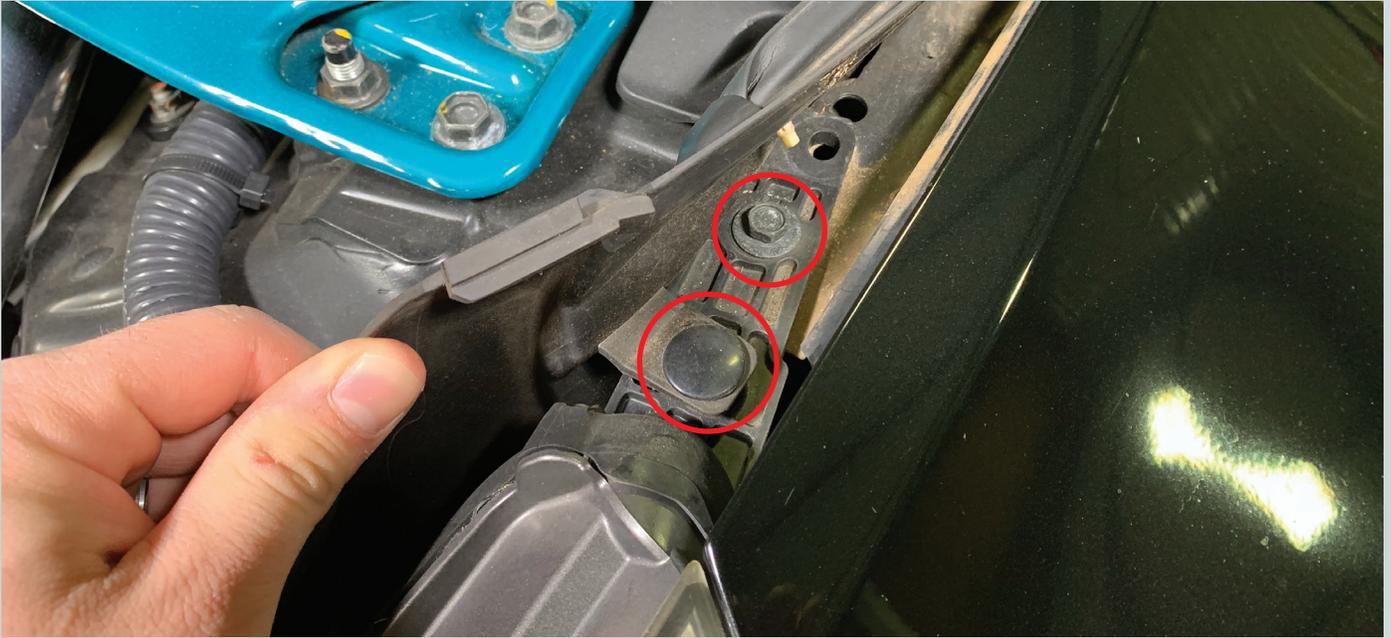
3. Pull the corner of the bumper firmly to release the bumper out of the clips on the fender and bottom of the headlight. Repeat on the other side. Next pull the bumper off of the car.



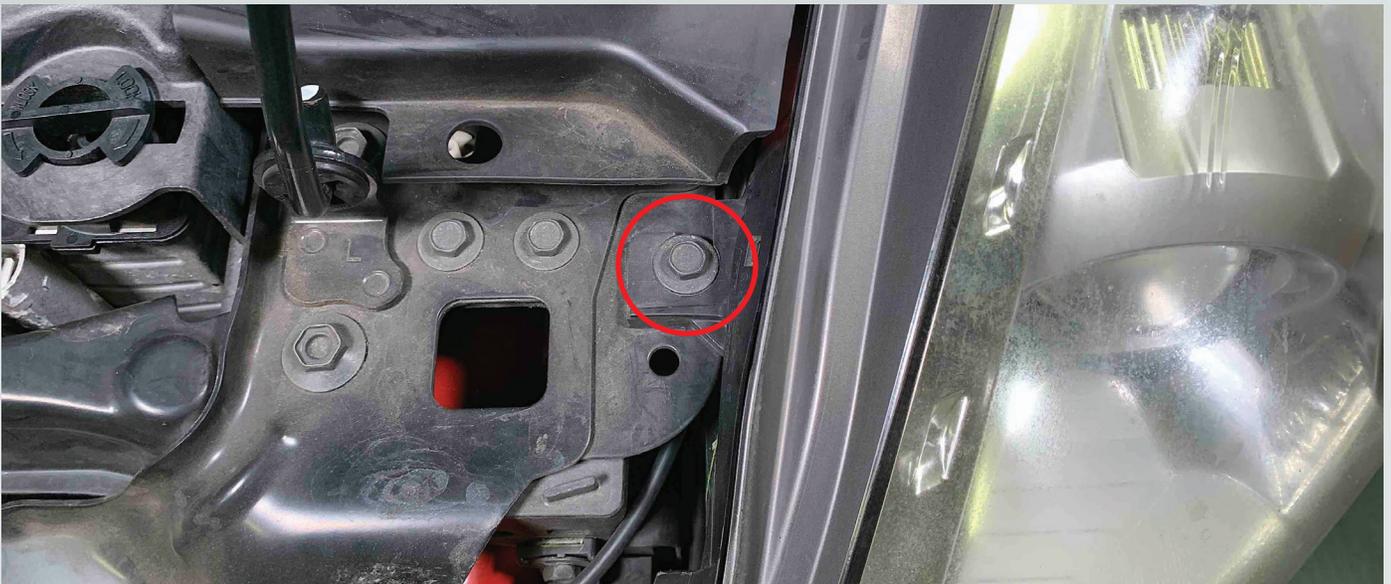
4. Remove six (6) plastic clips from the plastic shield. Then remove the plastic shield.



5. Remove one (1) plastic clip and one (1) 10mm bolt holding the top of the headlight.



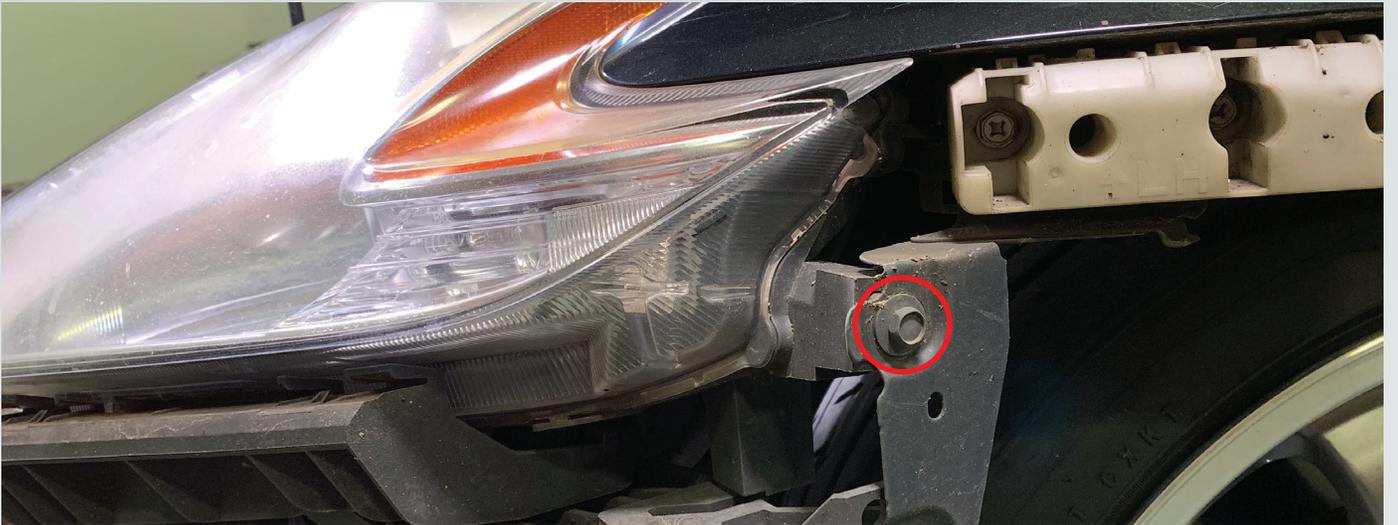
6. Remove one (1) 10mm headlight bolt.



7. Remove one (1) 10mm headlight bolt.



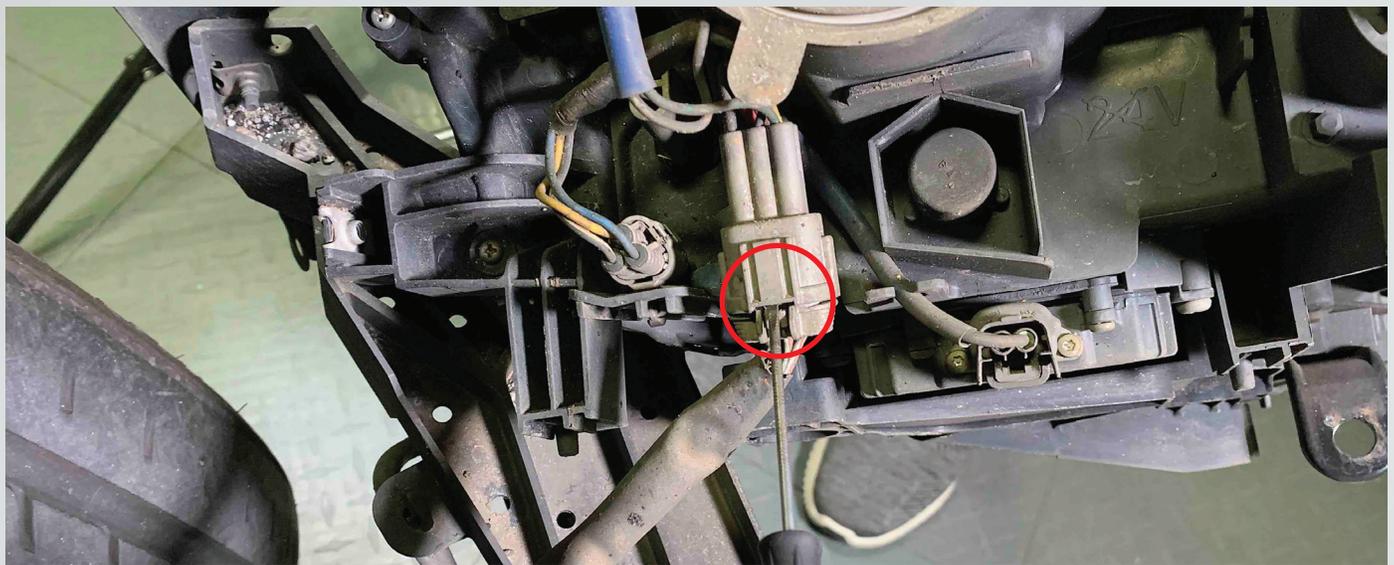
8. Remove one (1) 10mm side headlight bolt.



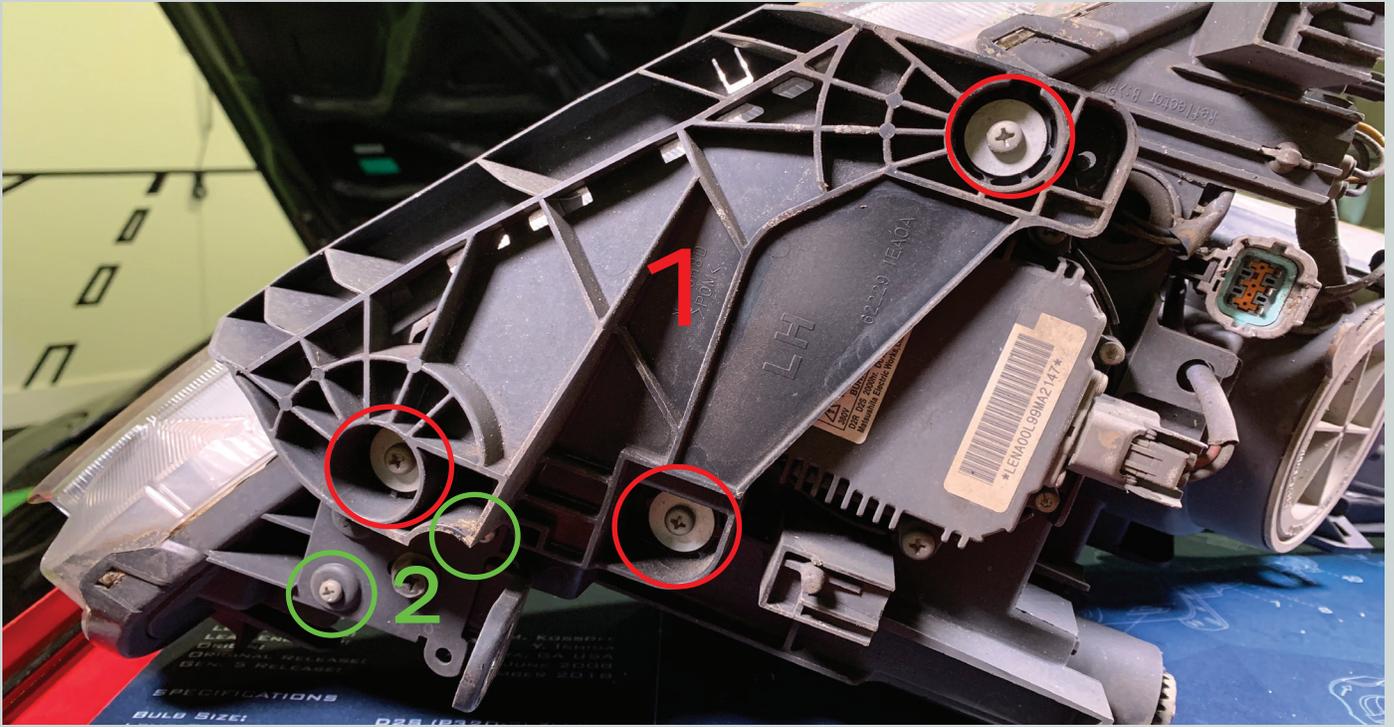
9. To remove the headlight pull the headlight towards yourself then up to release the guiding pins at the bottom of the headlight.



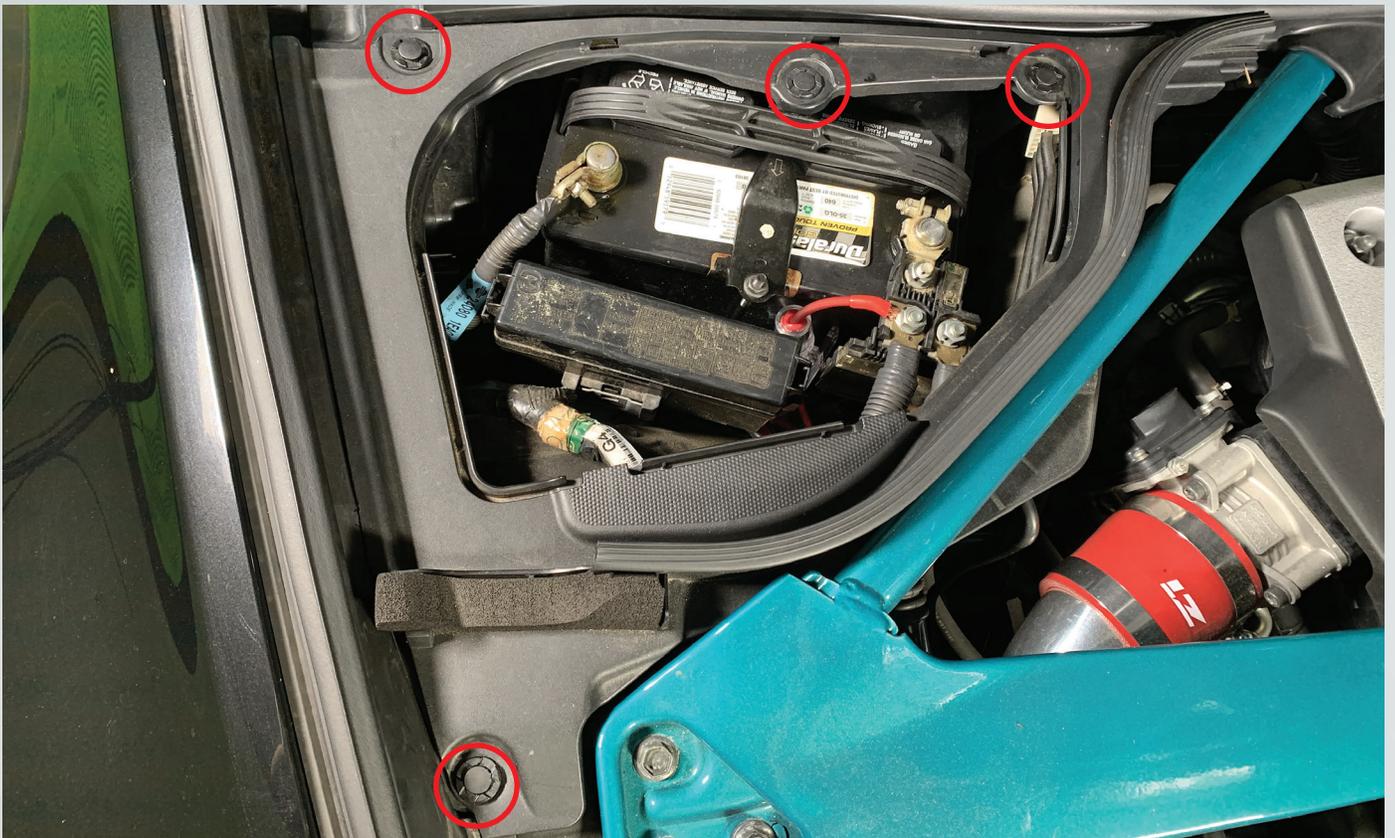
10. Disconnect the headlight connector by pressing the tab and pulling apart. A small flat head screw driver or a pick works great for this. Repeat the same headlight removal steps on the other side of the car.



11. Set the headlight on a bench and remove three (3) philips head screws and bracket one (1). Next remove two (2) philips head screws and bracket two (2). Repeat this on the other headlight. Install all the removed brackets and screws onto your XB headlights. (one (1) bolt on bracket one (1) doesn't get reused)



12. Remove battery cover. Remove four (4) plastic clips and remove the plastic panel.



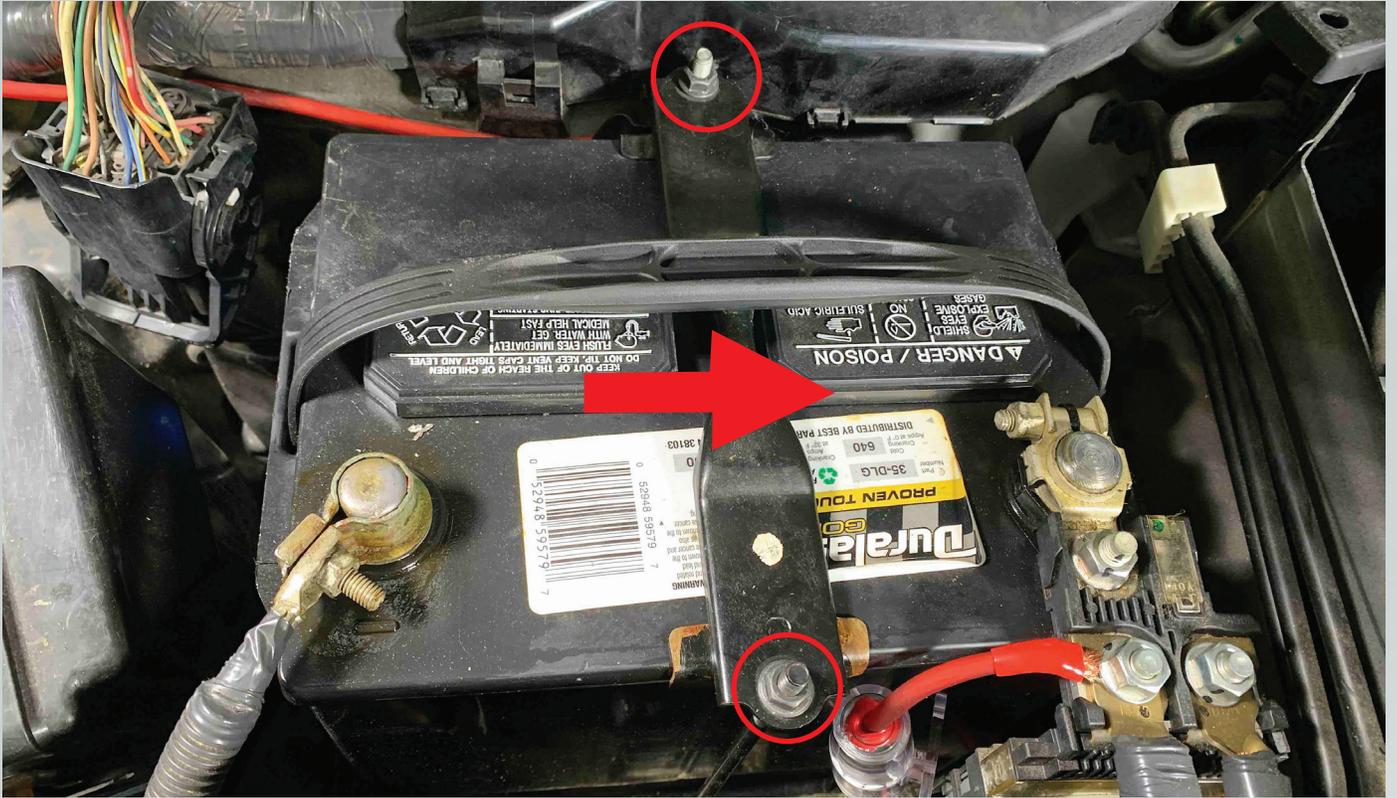
13. Remove two (2) plastic clips on the cowl.



14. Remove the cowl by pulling it toward the front of the car and then up. And you can swing it over to the side.



15. Loosen the two (2) 10mm bolts and slide your battery to toward your engine as much as you can.



16. Slide the fuse box out by pressing these tabs in toward the fuse box and sliding the fuse box up. At first the fuse box might not want to slide far but if you move around the wires that come out of the bottom it will free up and slide up.



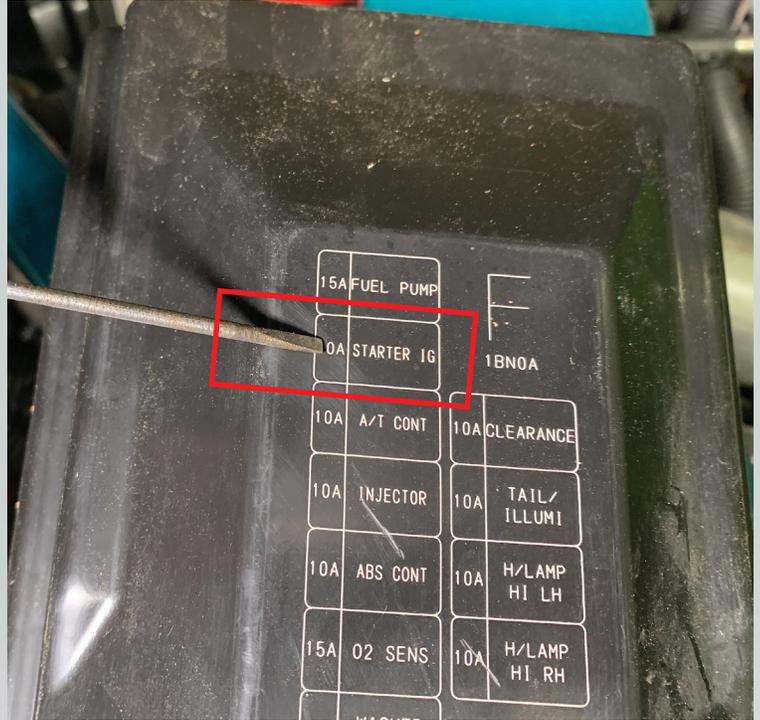
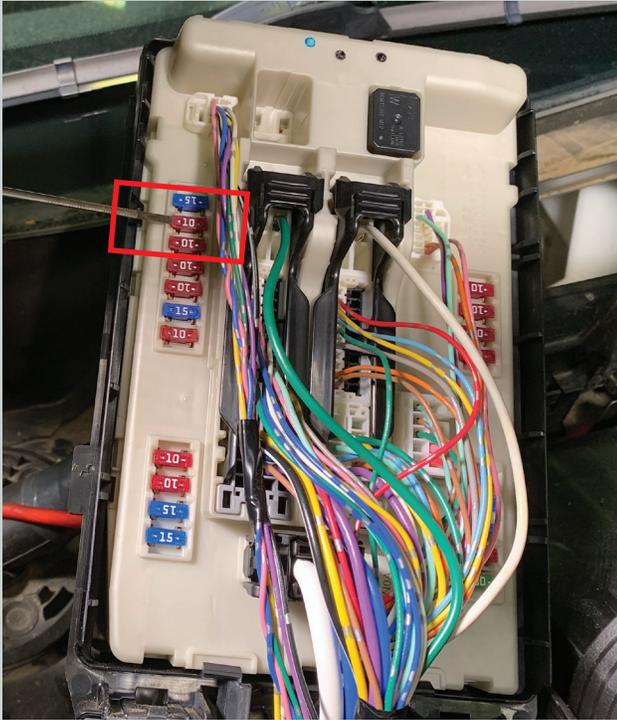
17. To remove fuse box cover press these two tabs on the bottom of the fuse box and pull the cover away from the fuse box slightly. Tabs are hard to see.



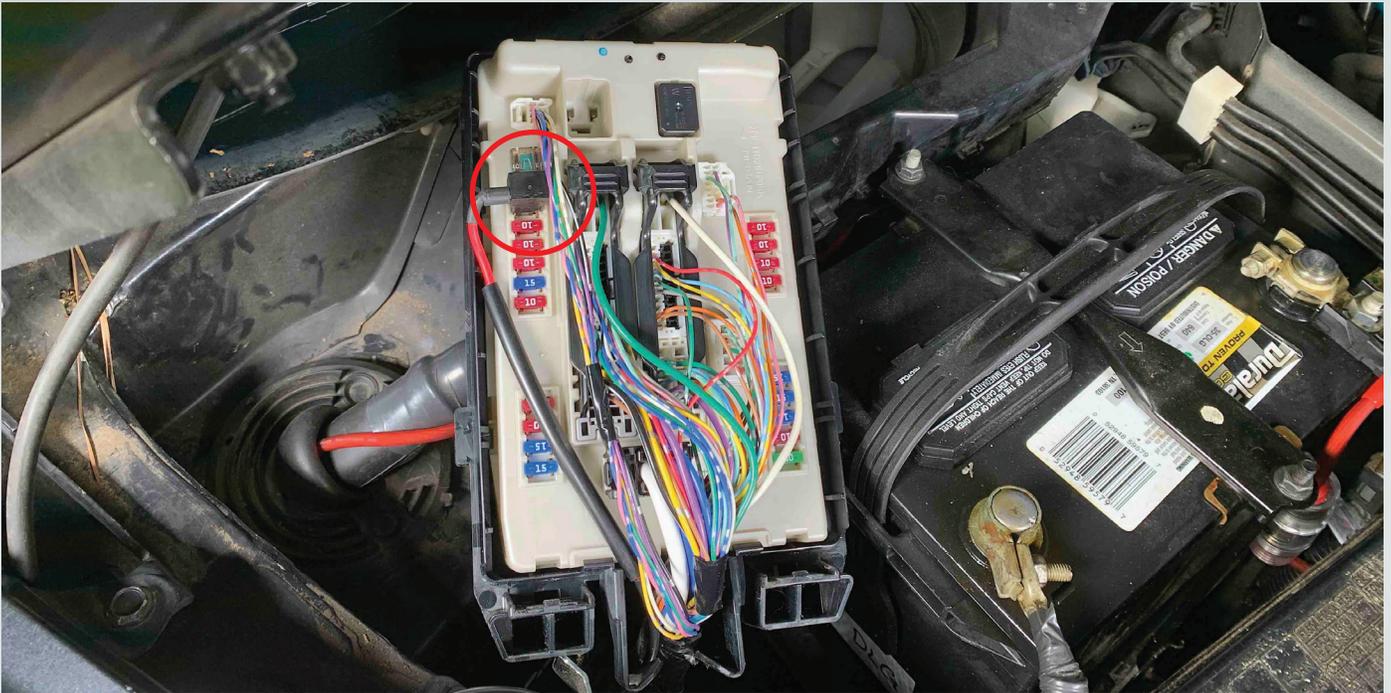
18. Now slide the fuse box cover up to release this aligning tab .



19. Locate this fuse and pull the fuse out with a set of needle nose pliers.



20. Locate the supplied fuse tap/DRL harness and plug it in the spot that you just took the fuse out of. Route the wire down and out of the fuse box and reinstall the fuse box cover

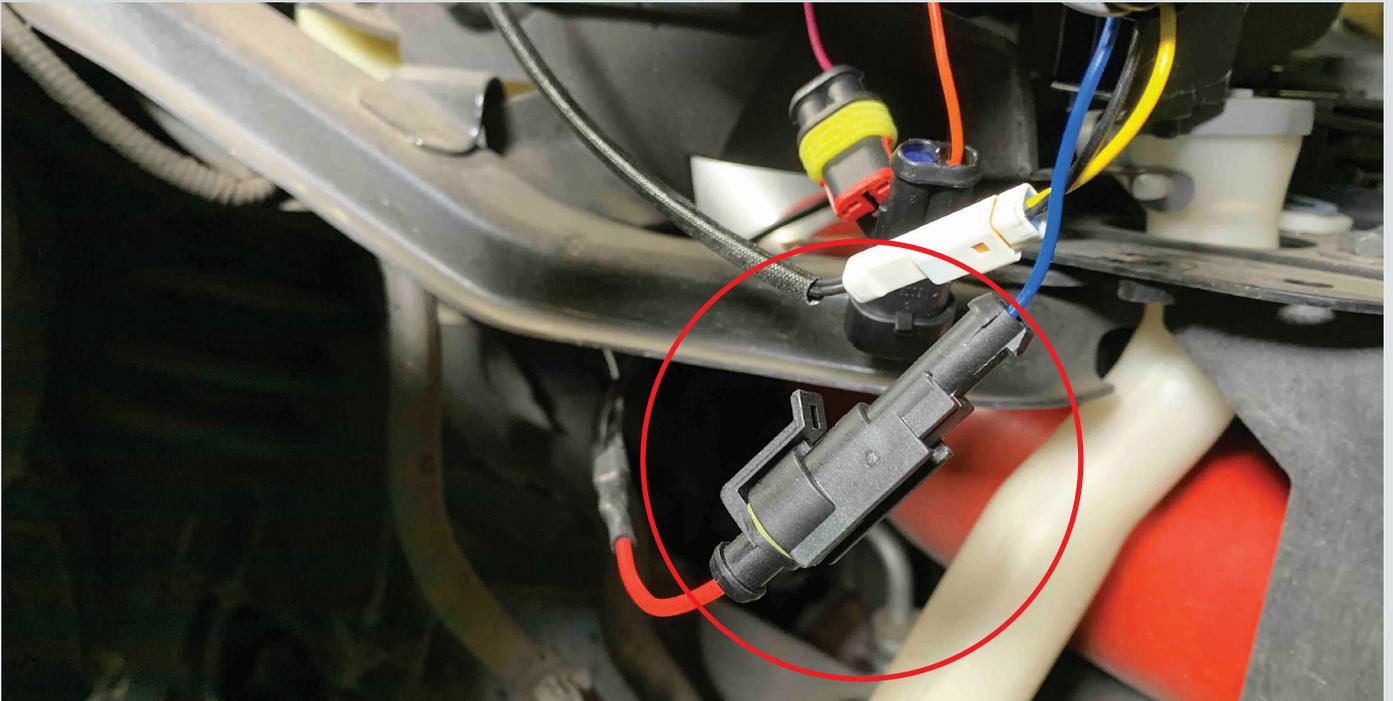


21. Slide the fuse box back into it's location. When sliding the fuse box back in make sure this tab goes into this slot.

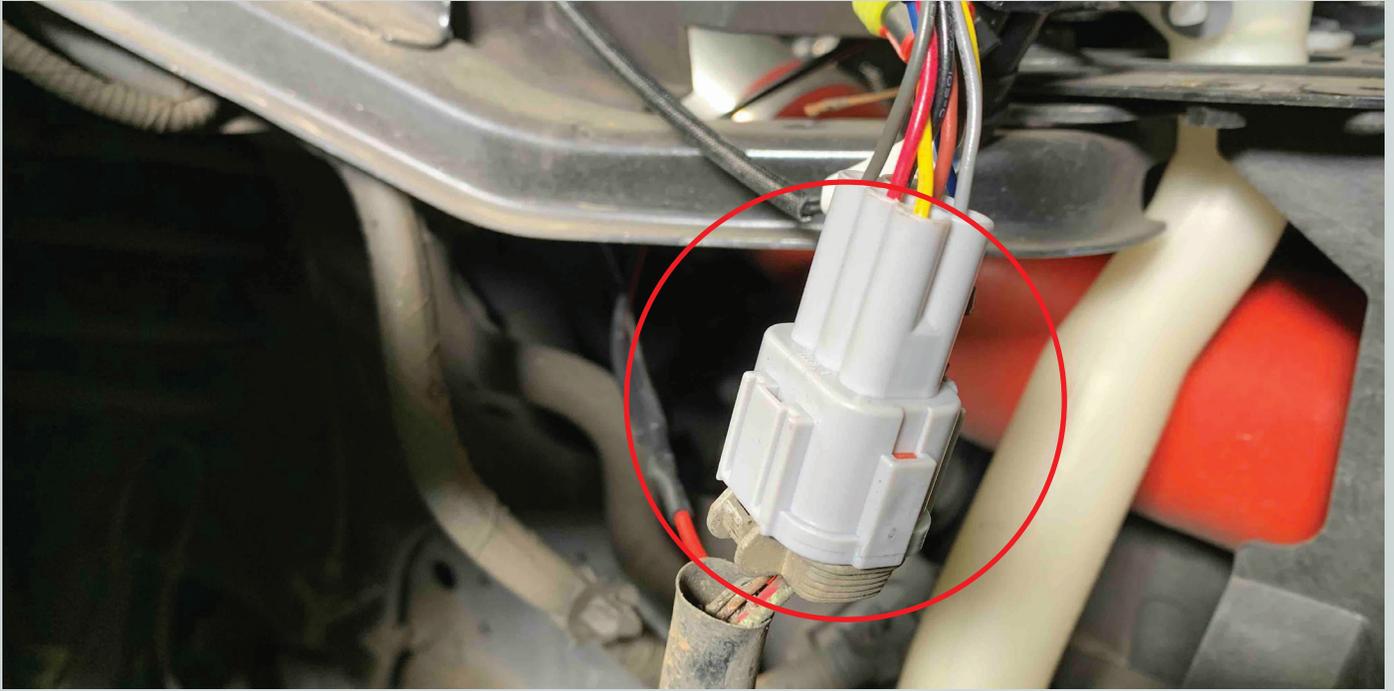


22. Route the DRL harness by routing the shorter wire to the passenger headlight and the longer wire to the driver side headlight. Secure the wiring to the car using zip ties.

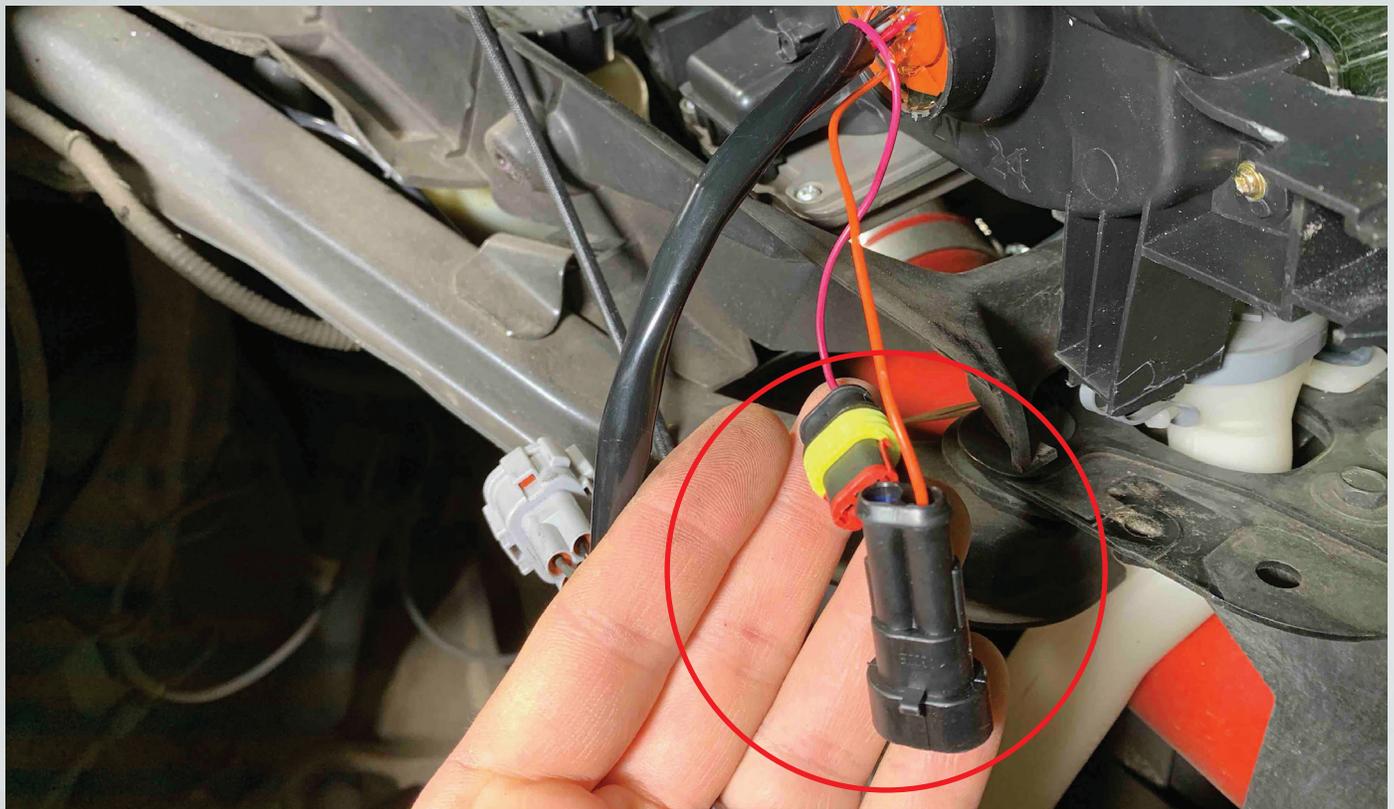
23. Now grab your headlight. Plug the DRL harness connector into the connector with the blue wire coming from the headlight.



24. Plug in the main headlight connector. Repeat these wiring connections on the other side of the car.

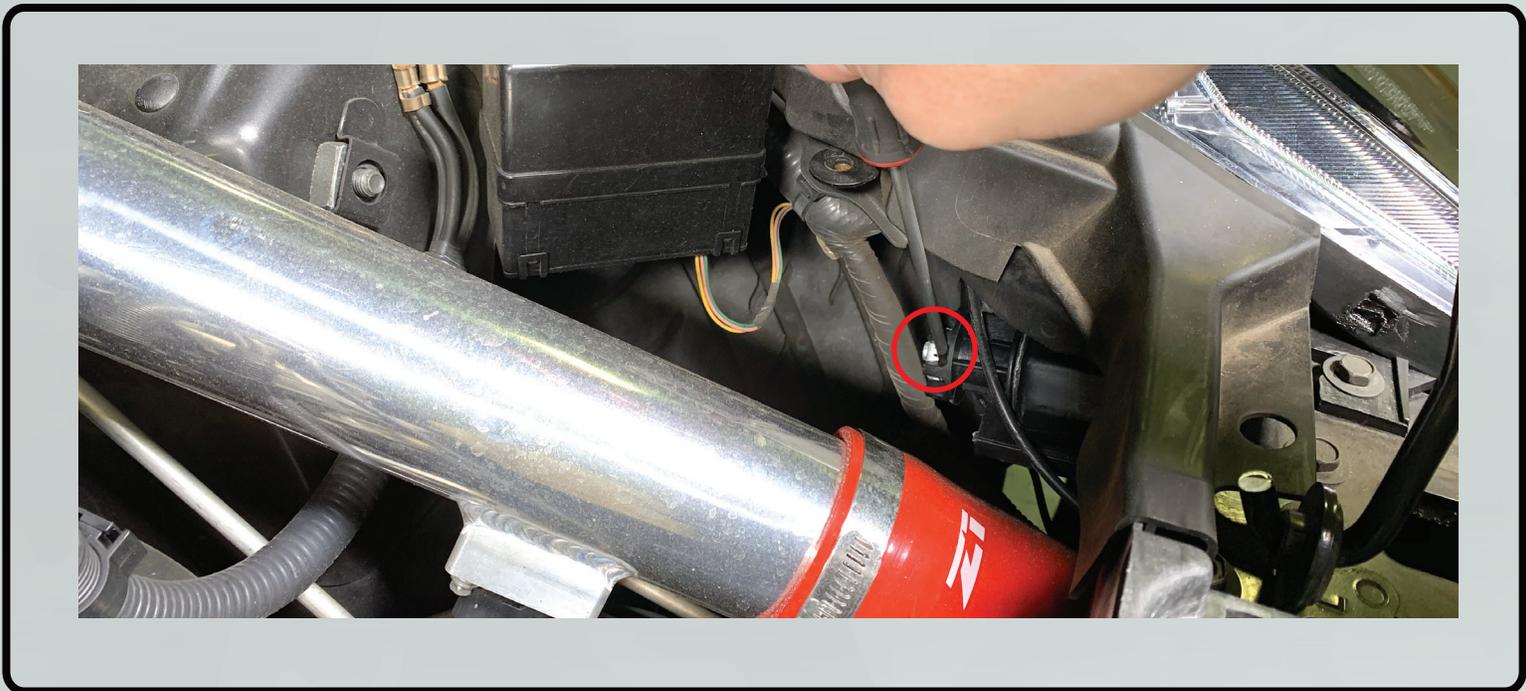


25. Determine if you want a solid turn signal or a sequential turn signal (scrolling). If you want a solid turn signal connect these connectors together. If sequential then leave this connector unplugged.

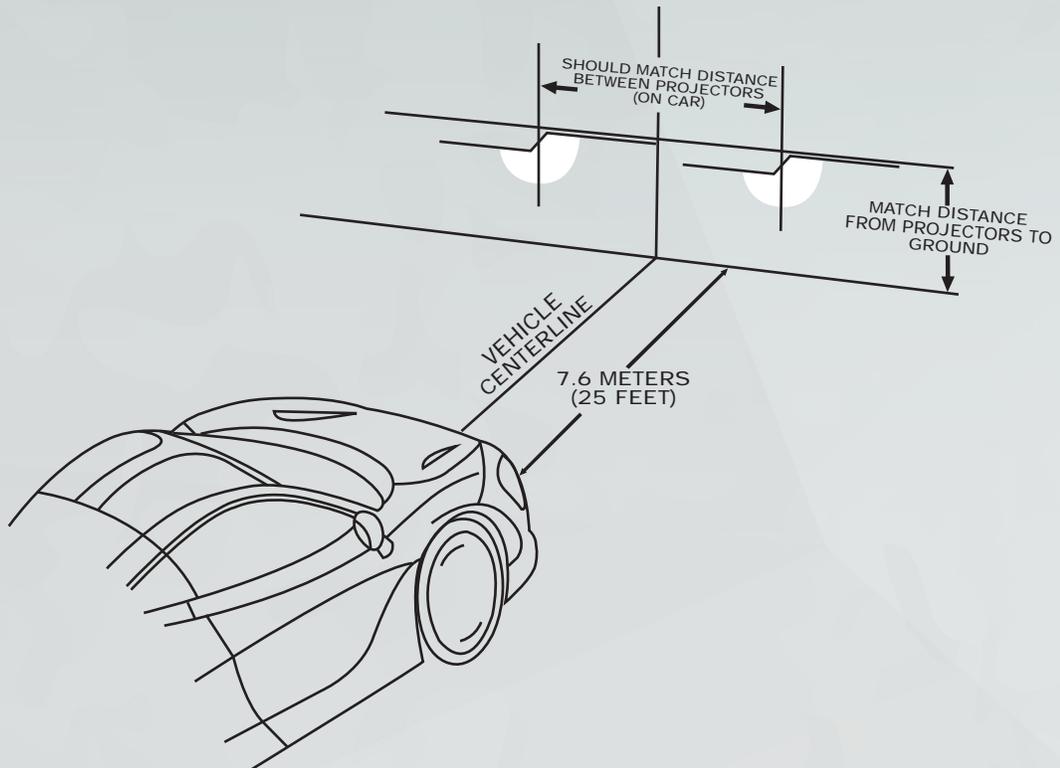


26. Bolt in headlights in the reverse order of removal. Reassemble vehicle in the reverse order from how you took it apart.

27. Adjust the height of the headlight beam pattern by rotating this bolt with a philips screwdriver.



28. Refer to the aiming standards below when adjusting your headlights.



ENJOY YOUR NEW XB HEADLIGHTS!

**-END-**