



## 2019-2020 RAM 1500 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**  
(FOR FACTORY HALOGEN TRUCK)



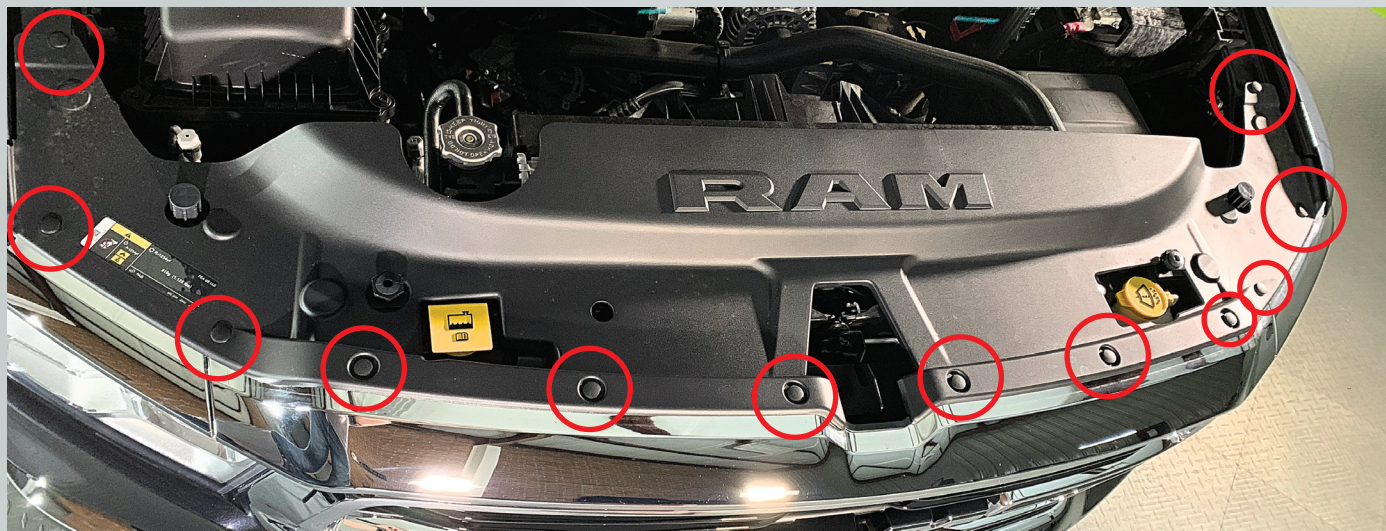
**2 X HARNESS ADAPTERS**  
(FOR FACTORY HALOGEN TRUCK)

**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.

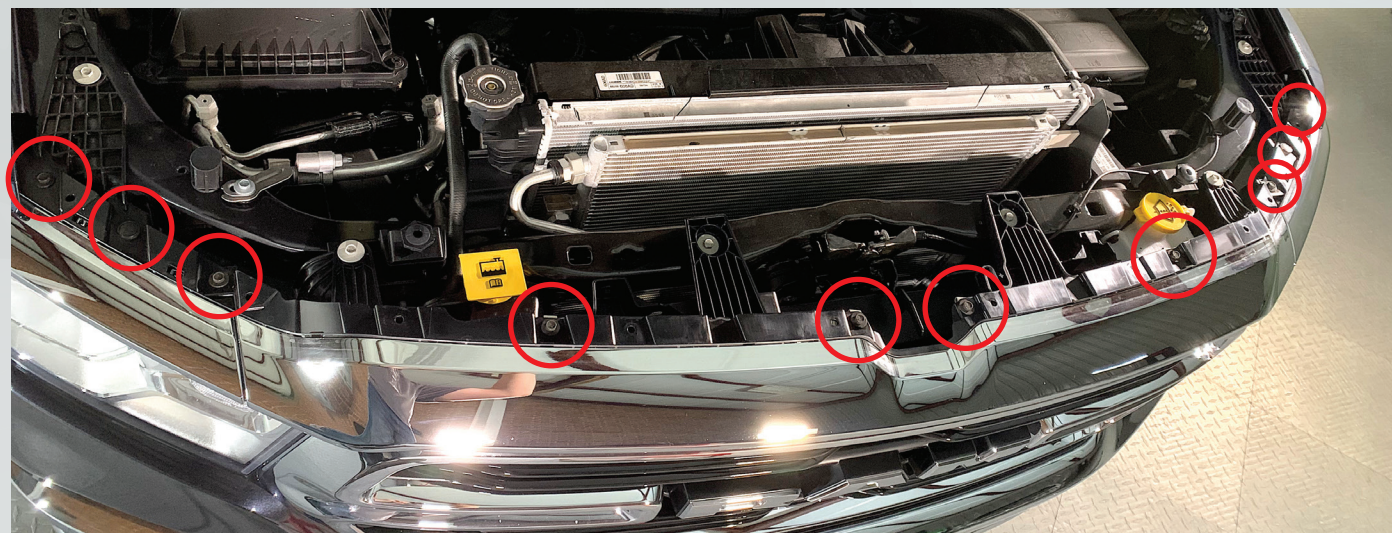


# INSTALLATION PROCESS

1. Remove the twelve (12) plastic clips holding on the grille cover. Remove and set aside the grill cover.



2. Remove the eight (8) 10mm bolts and two (2) plastic clips holding the top grille piece to the truck. Slide the top grill piece forward to remove from the truck.





3. Remove the four (4) 8mm bolt the fender liner to the fender. Pull the fender liner down.

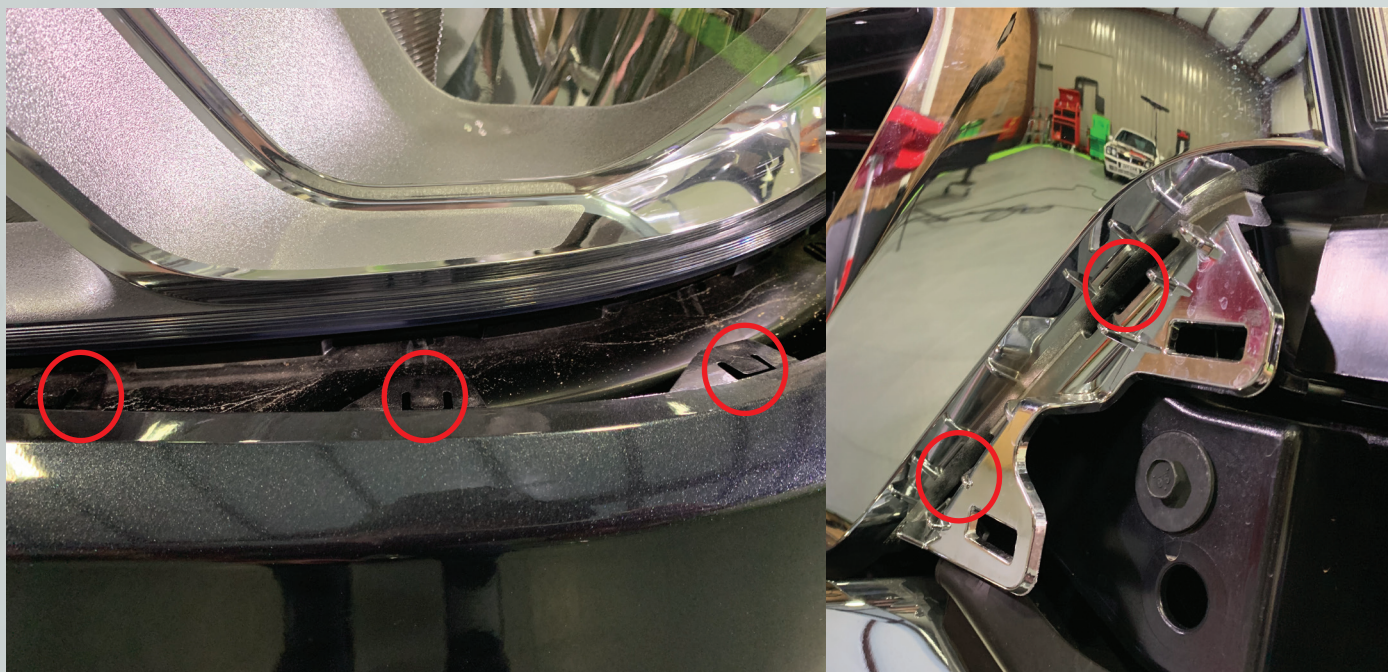


4. Remove one (1) 10mm bolt behind the fender. Then tug the trim piece down and pull out towards yourself.

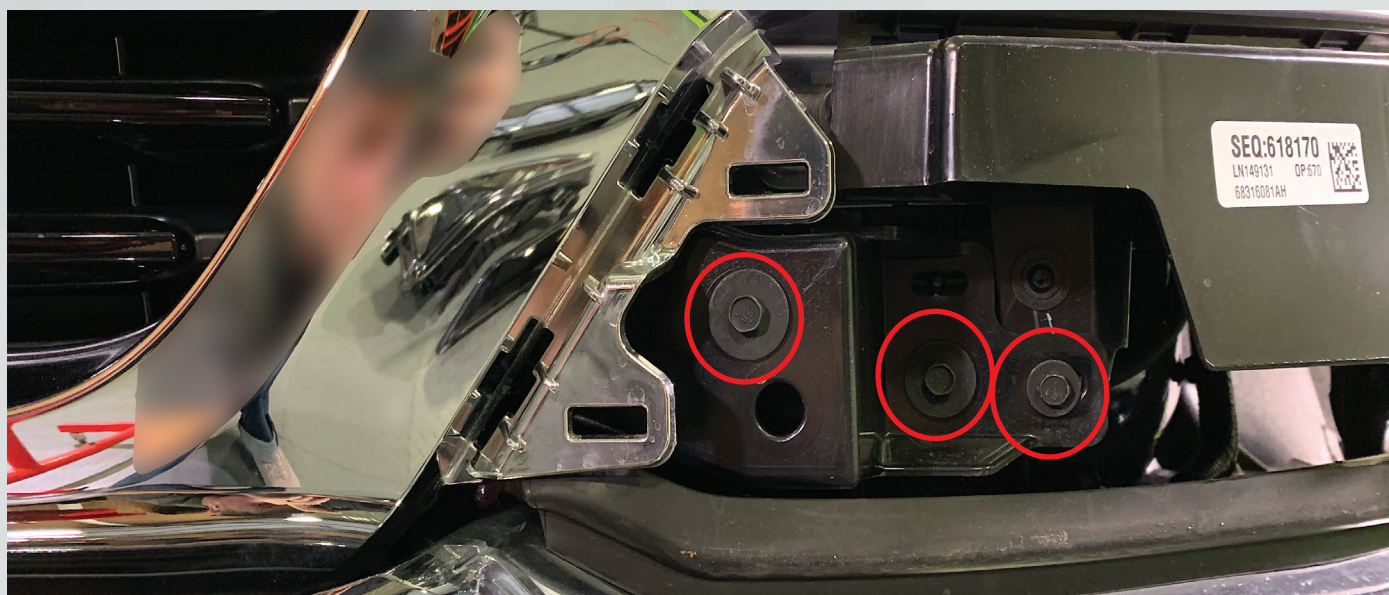




5. Pull trim piece to release from the bottom of the headlight and the grille.

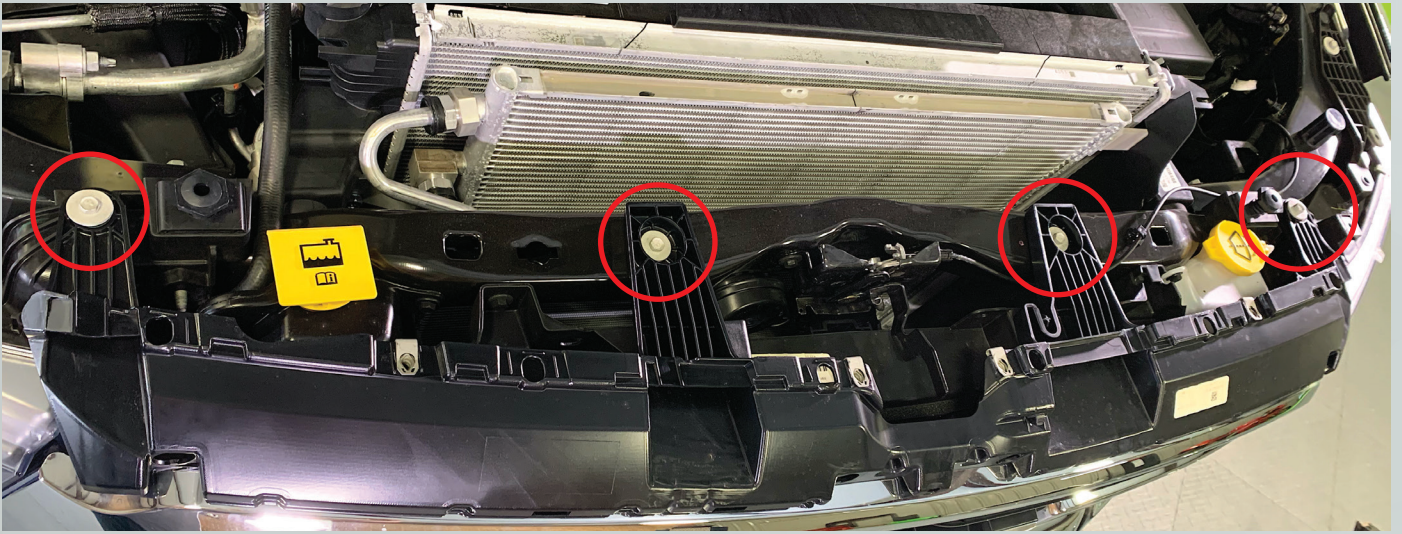


6. Remove three (3) bolts on each side of the grille.

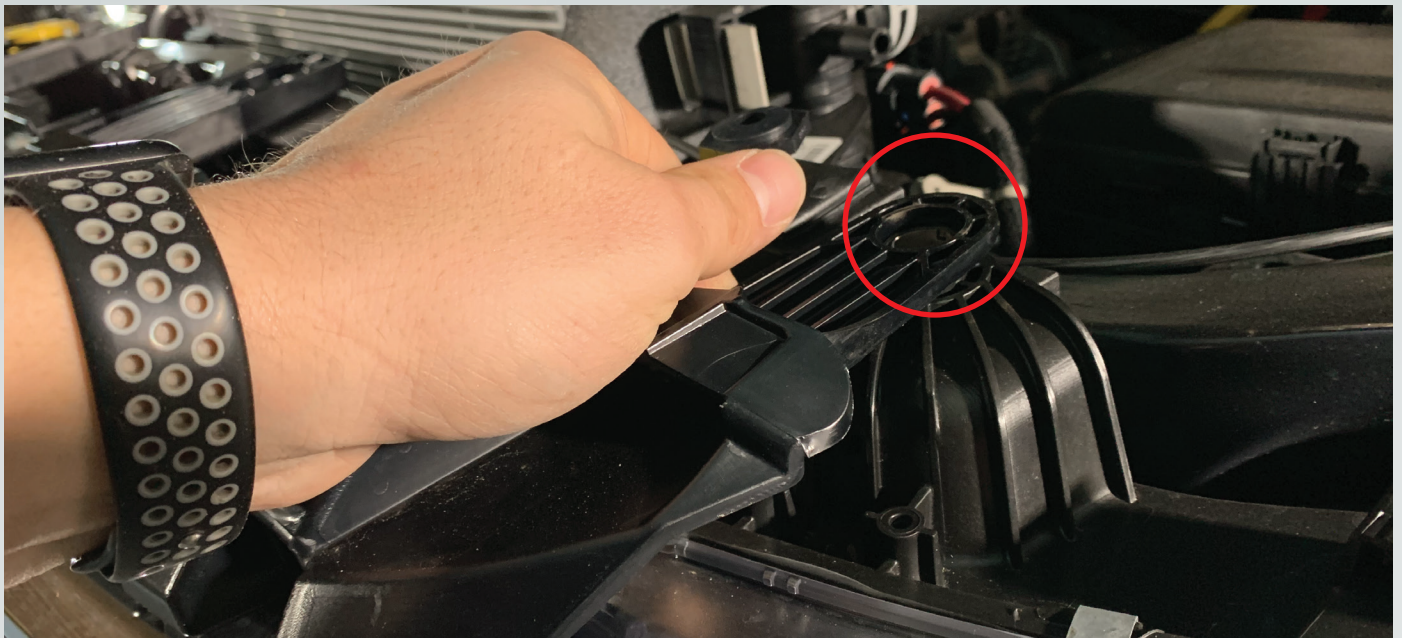




7. Remove four (4) 10mm bolts from the top of the grille.



8. Pull up on grille tabs to release grille..

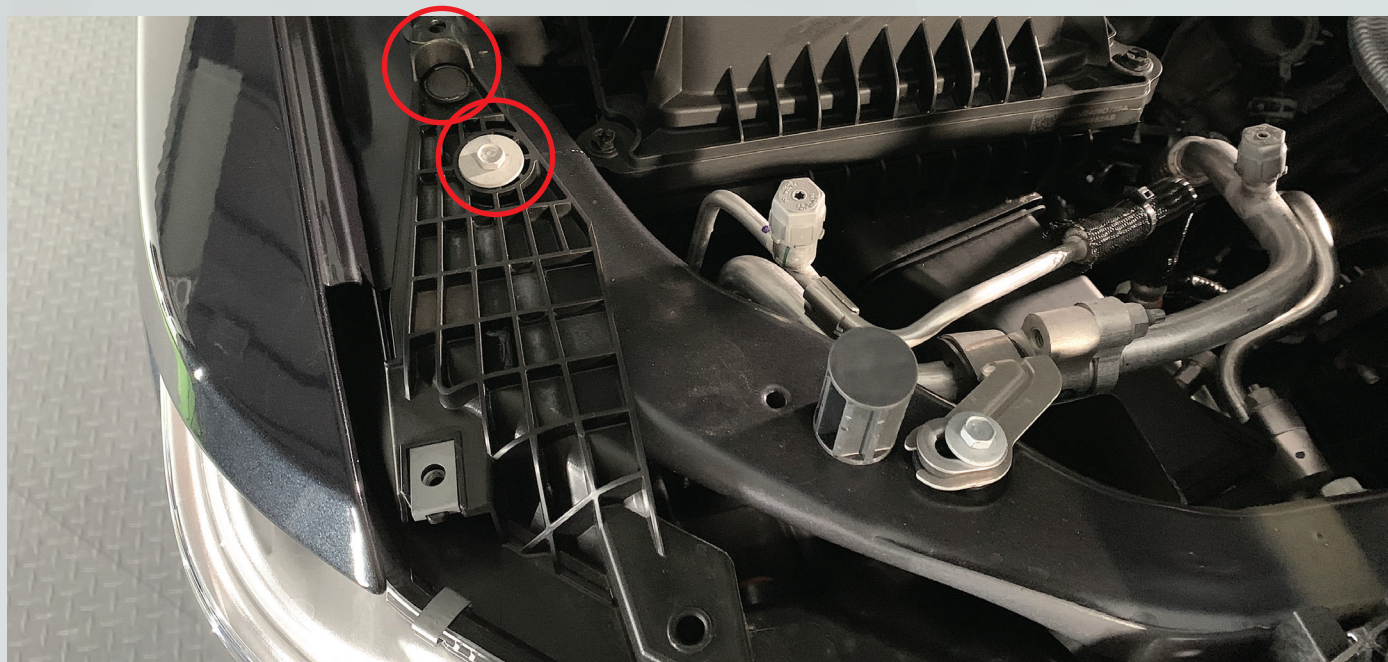




9. Remove one (1) 10mm bolt from the side of each headlight.

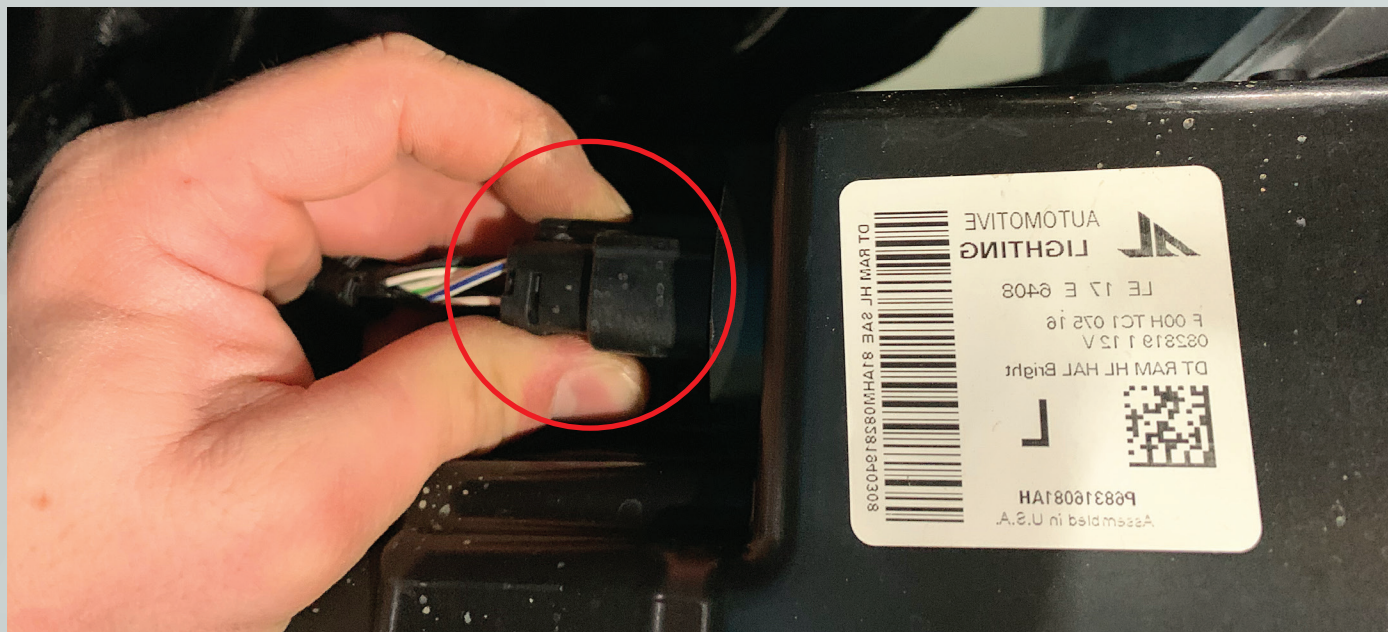


10. Remove one (1) 10mm bolt and one (1) plastic clip on the top of the headlight.





11. Unplug each headlight by pushing down the tab on the connector and sliding the connector apart.



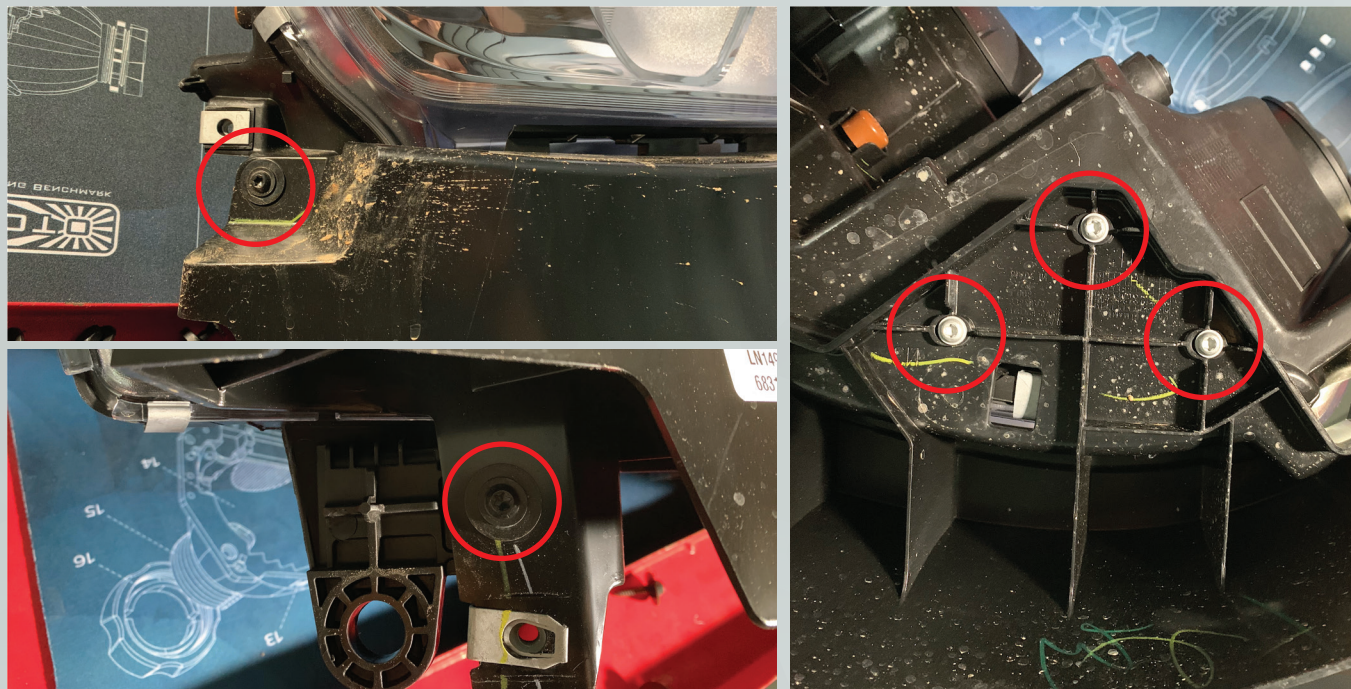
12. Unplug the sidemarker light connector by pressing the tabs and sliding the connectors off on each headlight.



13. Remove headlights off the truck.



14. Remove five (5) t15 torx bolts from the side and bottom of each headlight. Next remove the bracket on the bottom of each headlight. Now transfer that brackets and bolts over to your XB headlights.

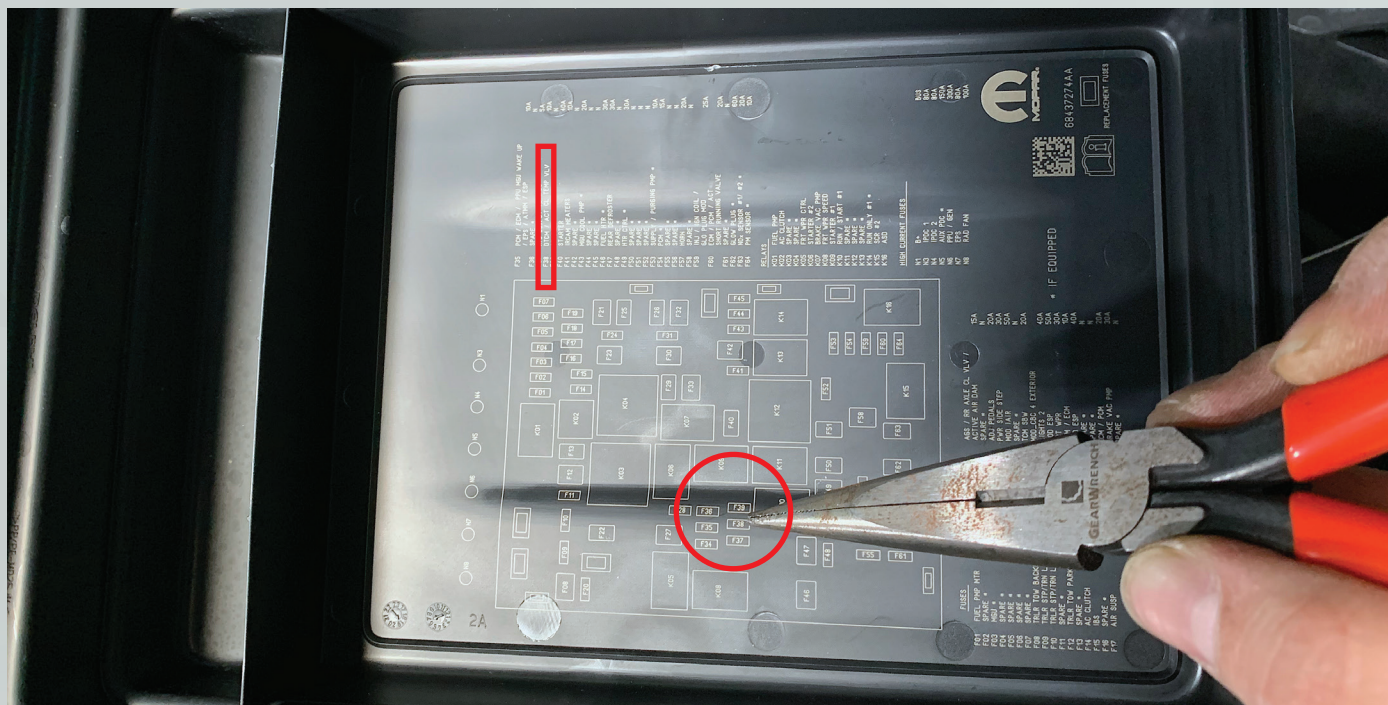


15. If you have a **OEM LED** headlight truck then just connect the headlight connector to your truck and reinstall everything in reverse order.

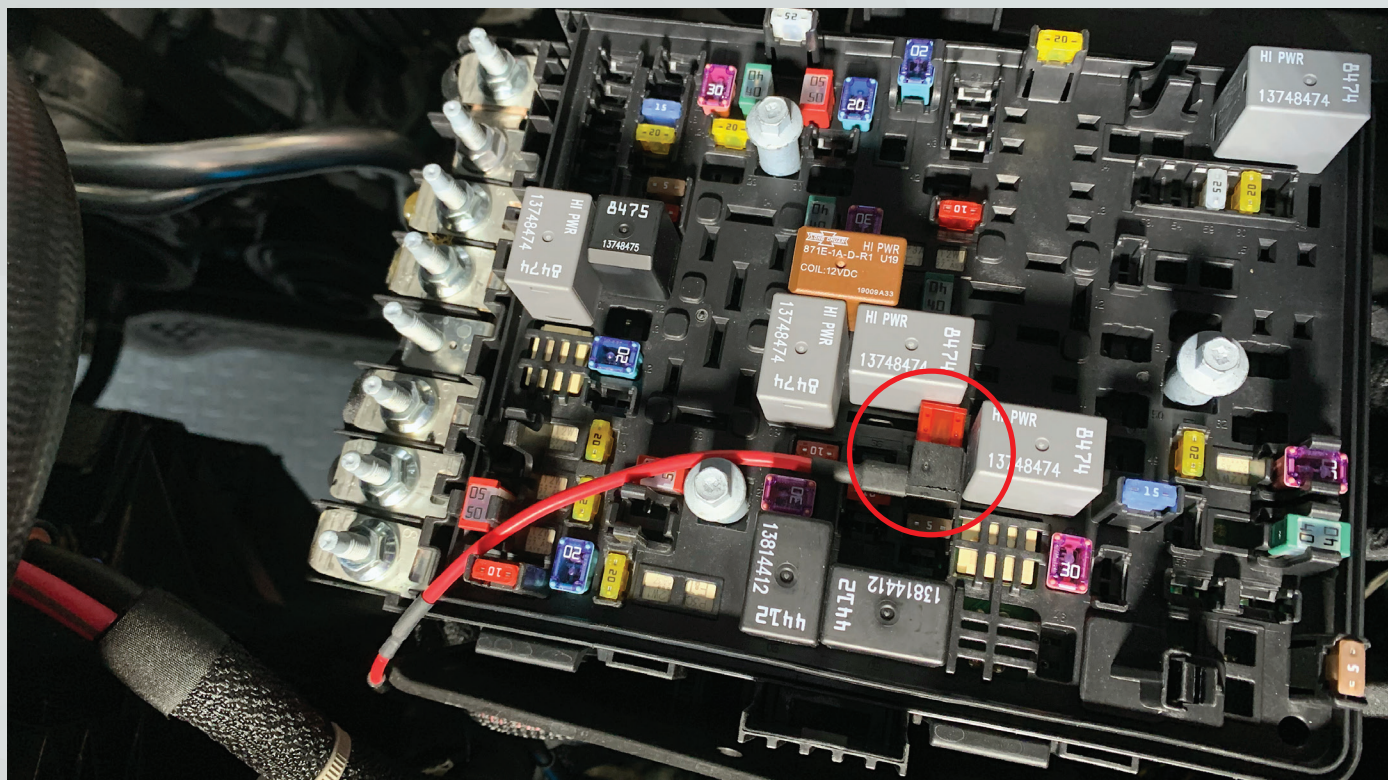




16. If you have a **OEM halogen** truck, locate the supplied DRL harness and the under hood fuse box on your truck. Remove fuse F38.



17. Plug in the DRL harness fuse tap into the fuse box. Next run shorter side of the harness to the driver side and the longer wire to the passenger side.

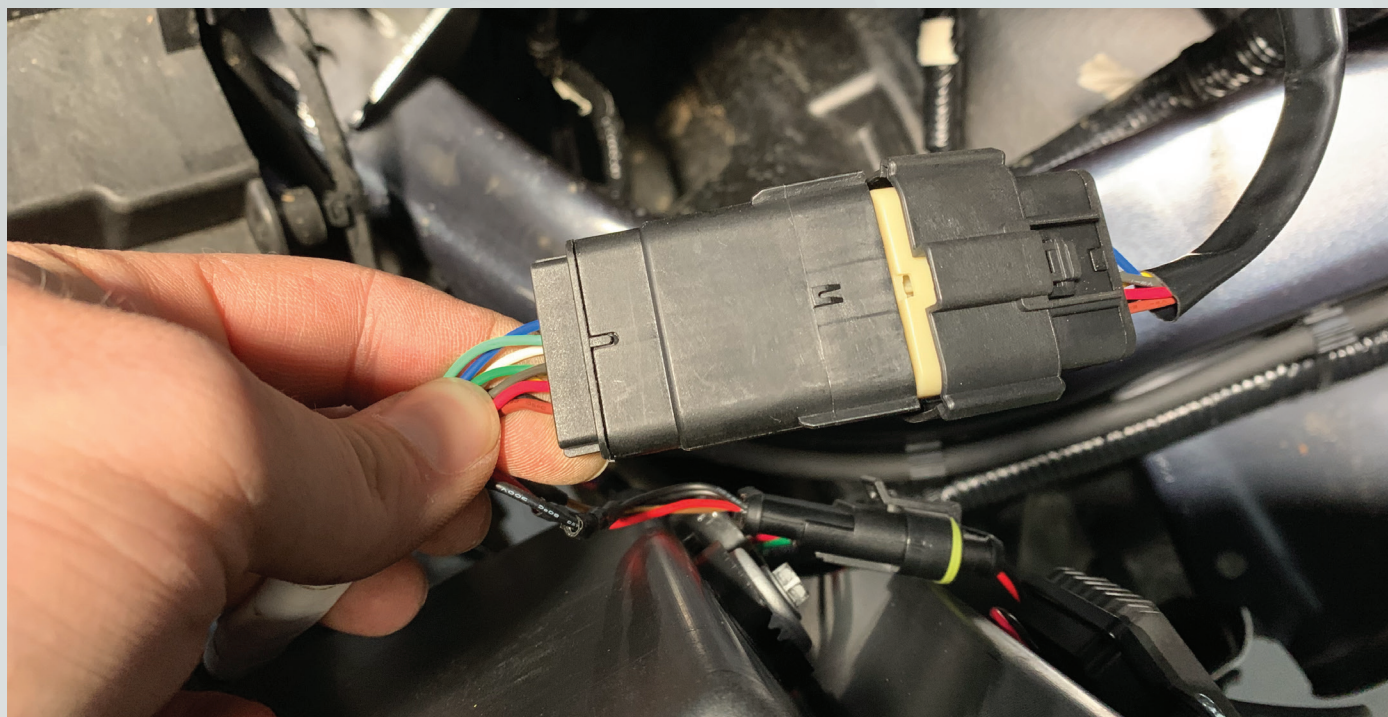




18. Locate the supplied adaptor harness for the OEM halogen truck.



19. Plug the big connector on the adaptor harness in to the big connector on the back of your XB headlight. Repeat on the other XB headlight.

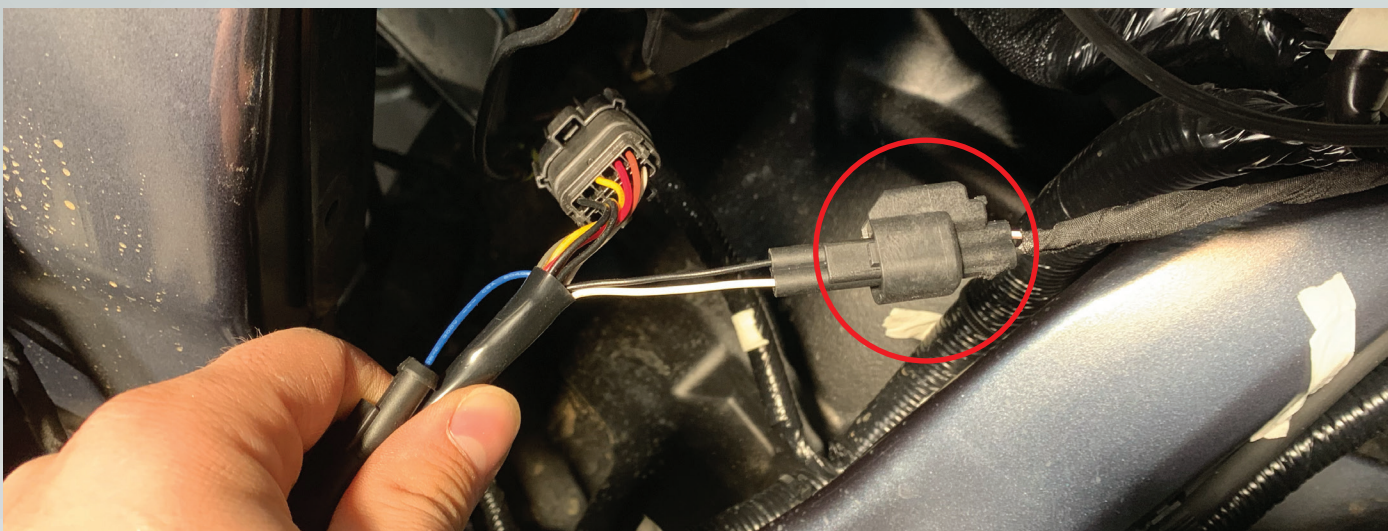




20. Plug this connector into factory truck headlight plug.



21. Then plug in the corner light connector into the truck connector. Next plug in the drl harness connector.





22. This connection is to switch between solid turn signal and sequential (scrolling) turn signal. If you choose sequential turn signal mode then just leave this connector unplugged. If you choose solid turn signal mode then simply connect the plugs together.



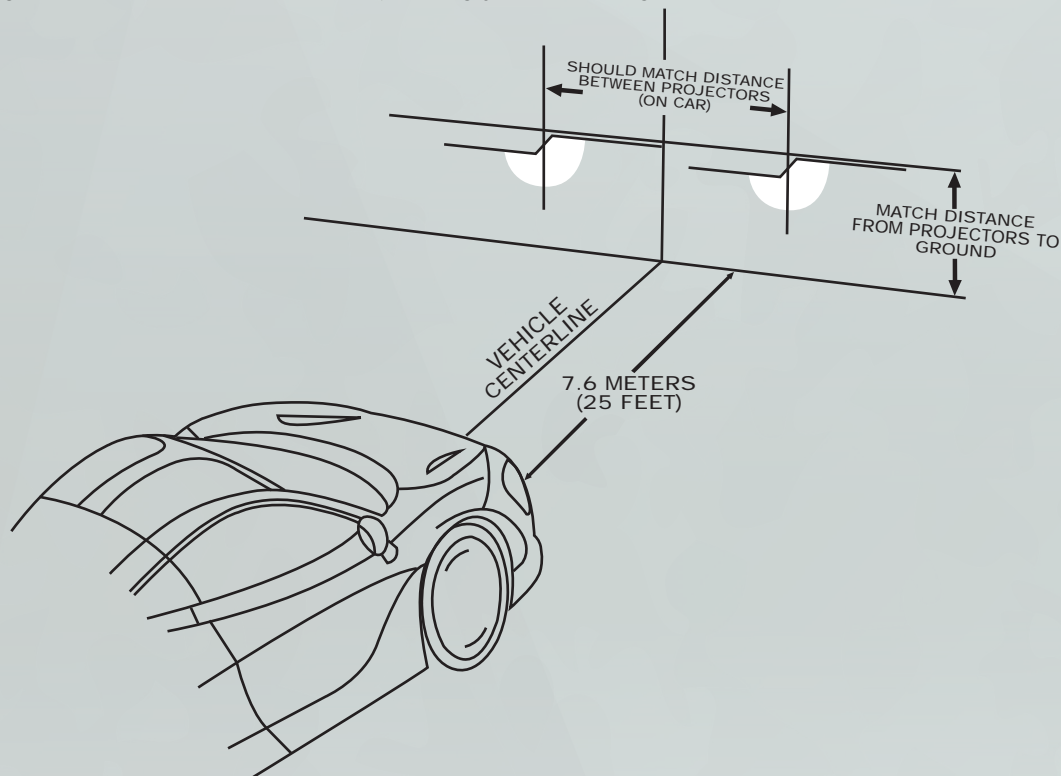
26. Bolt in headlights in the reverse order of removal. Reassemble vehicle in the reverse order from how you took it apart.

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





Refer to the aiming standards below when adjusting your headlights.



ENJOY YOUR NEW XB HEADLIGHTS!

**-END-**