



THE AUTOMOTIVE LIGHTING BENCHMARK

14-24 4RUNNER 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.

LF531.2-ASM | LF531.2-A-ASM

PACKAGE CONTENTS

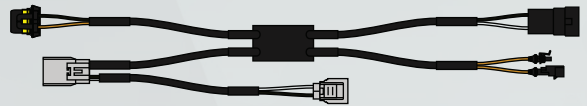


2X HEADLIGHT ASSEMBLIES

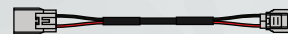


1X FUSE TAP / DRL HARNESS

OPTIONAL ADAPTERS



2X LF531H



2X LF531H-2

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.

Rev. July 2024 | AP

Optional OE LED Adapter Harness Installation

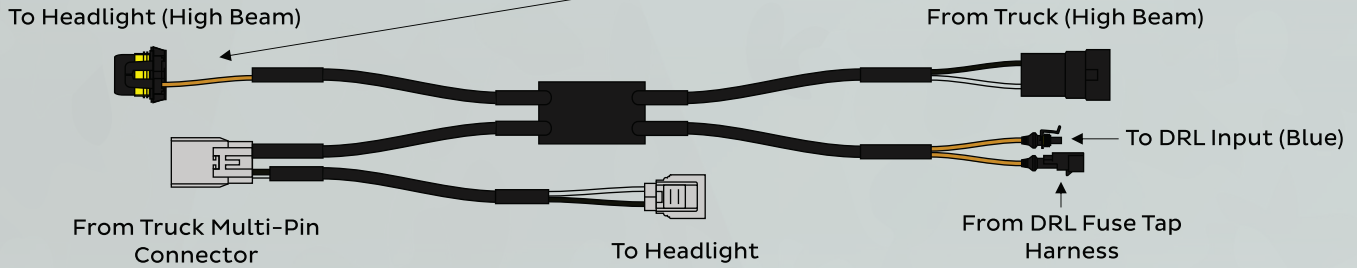
To adapt 2021-2024 4Runners with OE LED headlights to use Morimoto XB LED headlights

LF531H

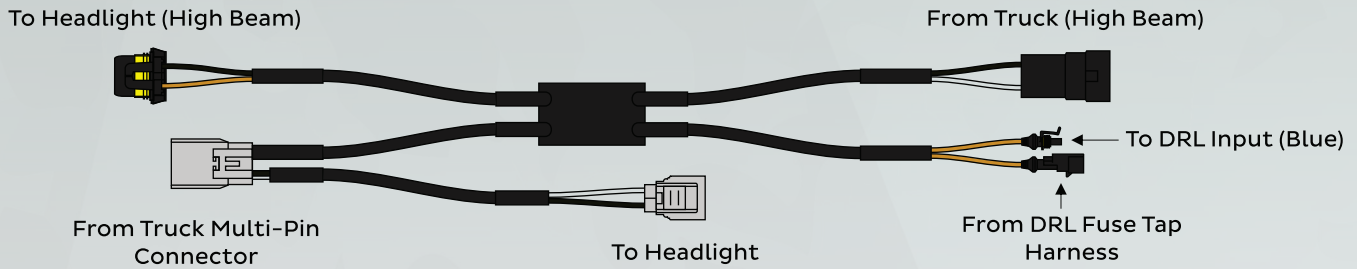
Trucks with OEM LED Low / LED High Beam Headlights
(High trim level 2021 trucks, all 22-24 trucks)

Passenger / RH Side

Note: This connector with only one wire is RH side only!



Driver / LH Side



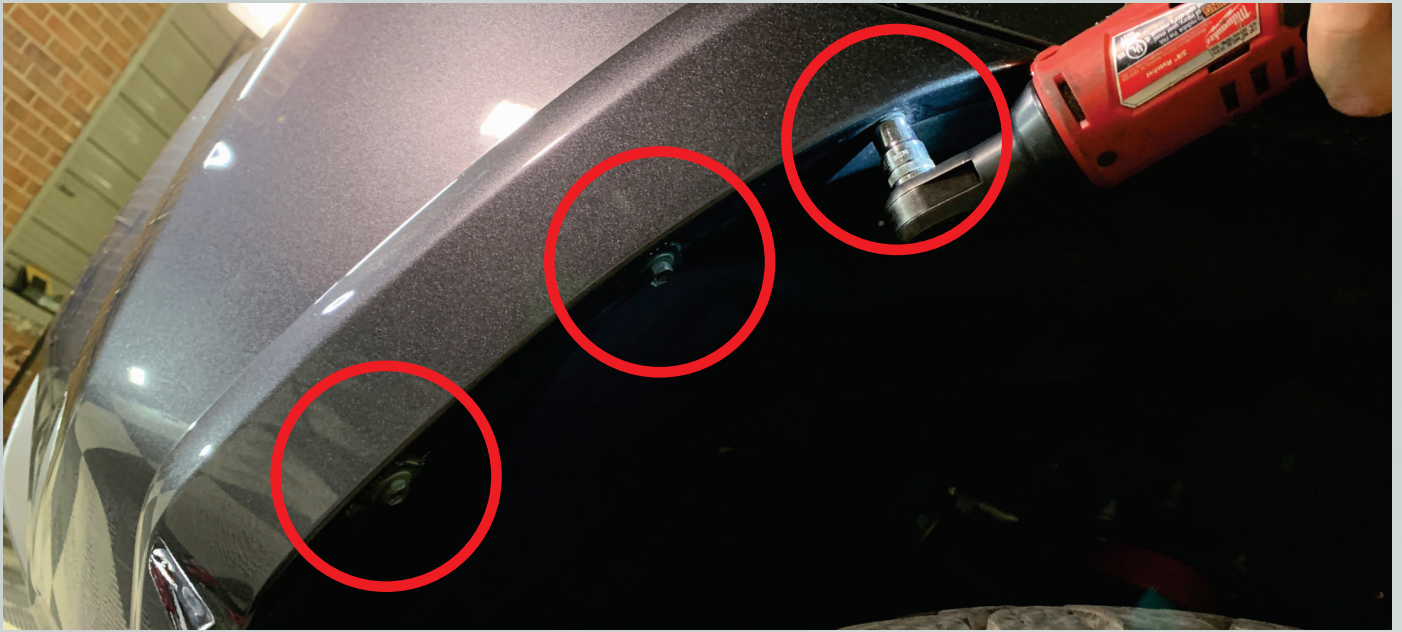
LF531H-2

Trucks with OEM LED Low / Halogen High Beam Headlights
(Low trim level 2021 trucks only)



INSTALLATION PROCESS

1. Remove the three 10mm screws on the back of the front bumper from each wheel well.



2. Remove the two (2) two-piece push clips from the corner of the top of the grille, one on each side.



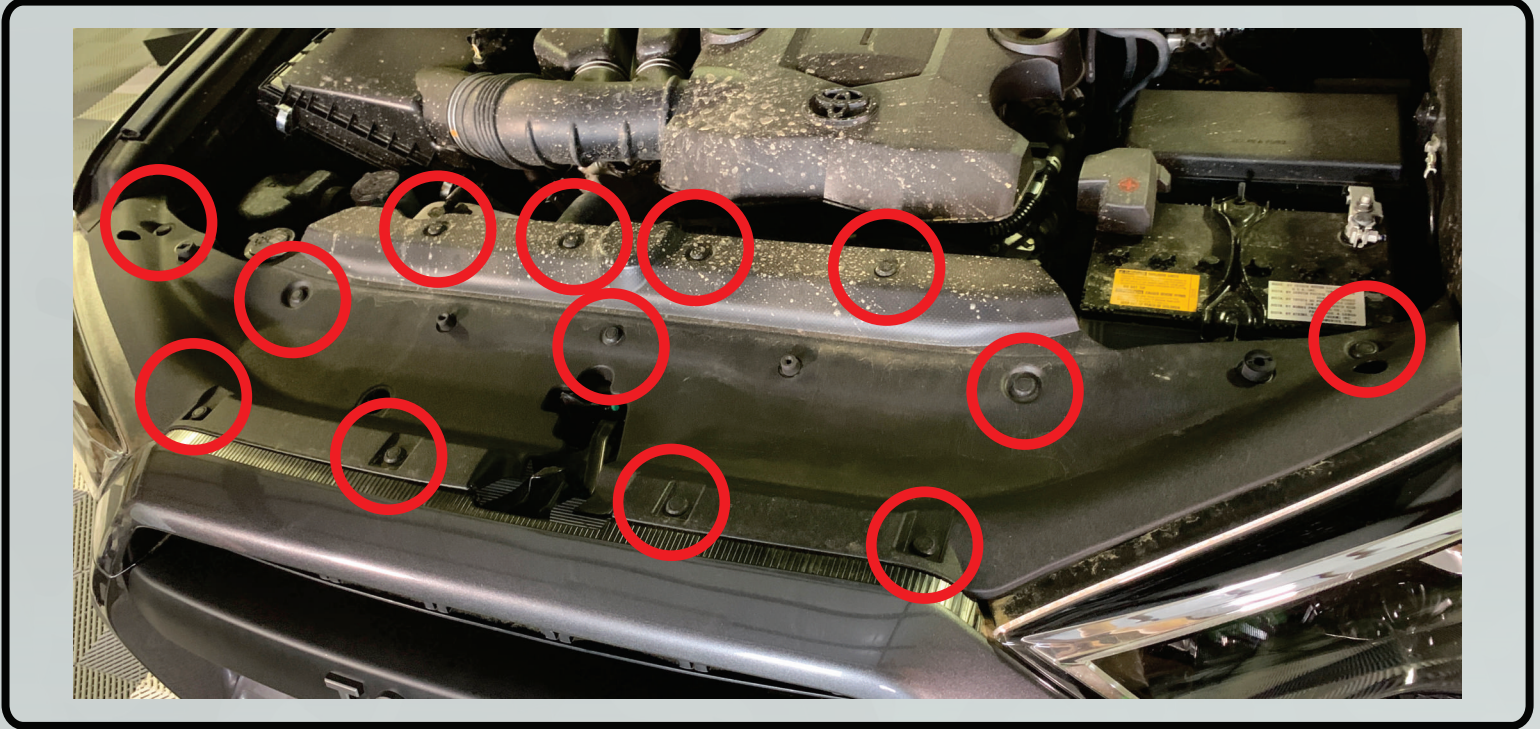
3. Remove the two 10mm screws from under each side of the bumper cover.



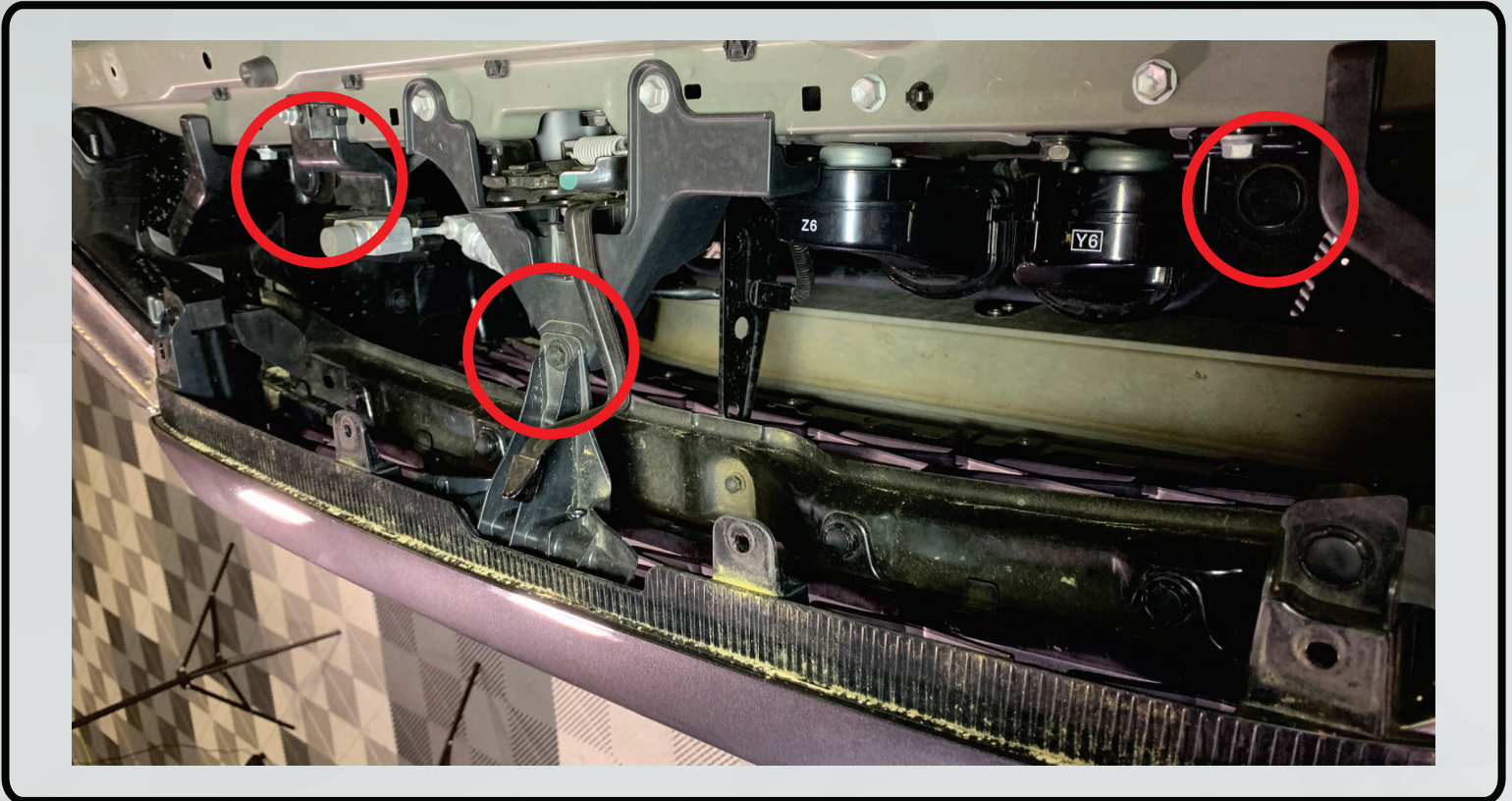
4. Remove the two 10mm screws from under the center of the bumper cover.



5. Remove the push clips along the top of the radiator shroud. They release by pushing in the center of the clip and then prying the clip out of the hole.



6. Remove the two push clips and 10mm bolt from the grille assembly as indicated.



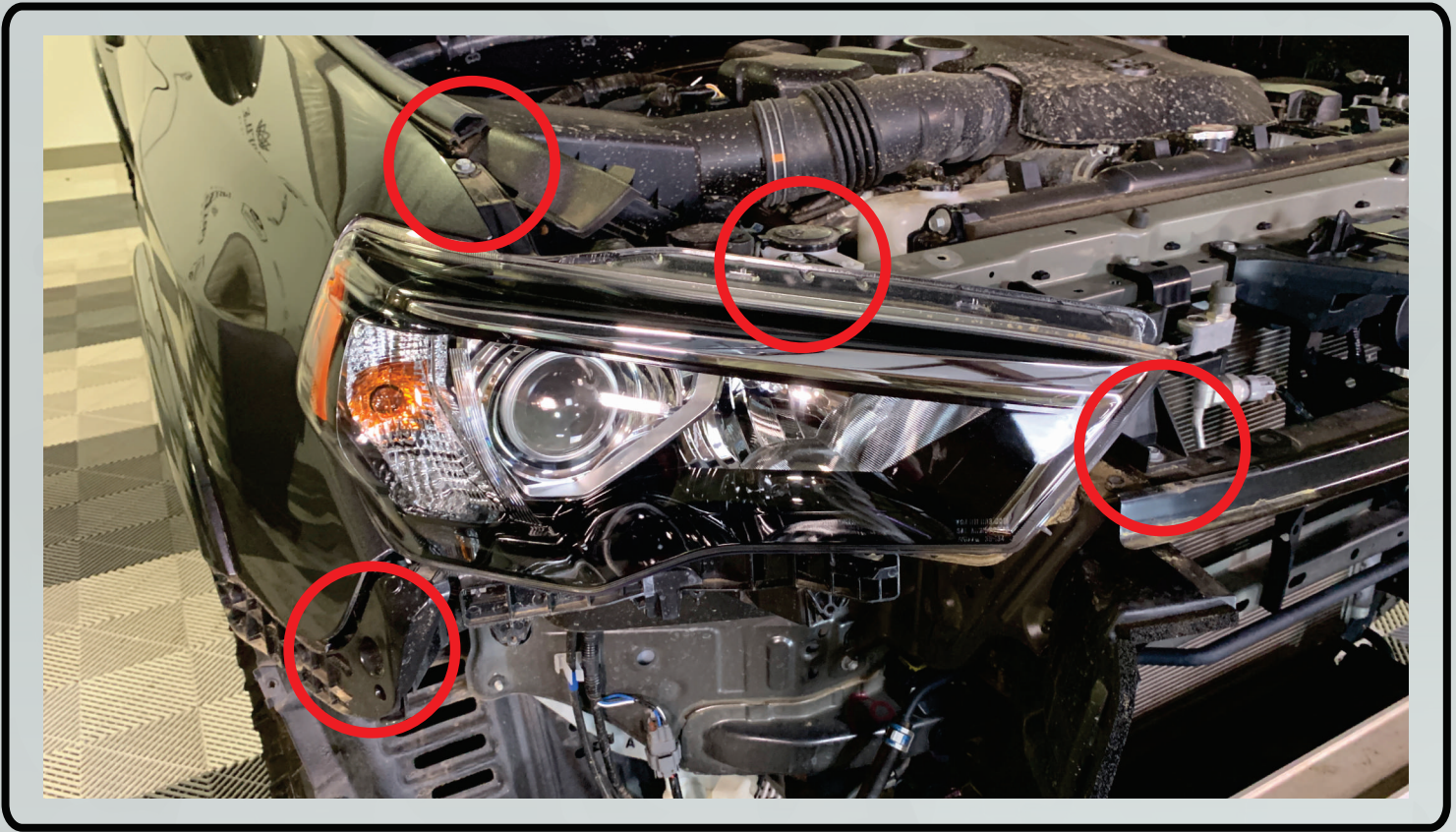
7. Reach in behind fender liner and unplug fog light bulbs. The bumper cover is now ready to remove.



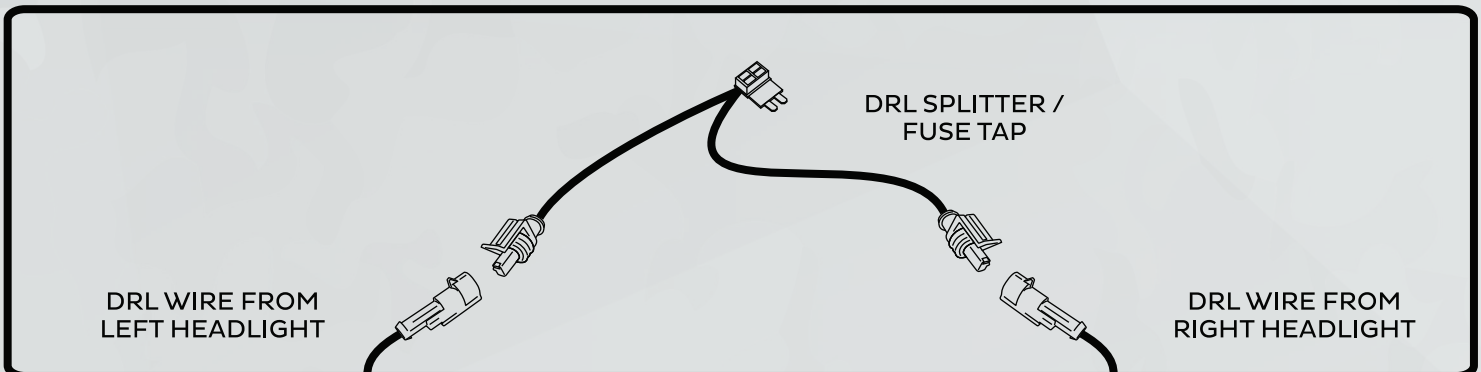
8. Pull the bumper cover over each stud on the sides, then work your way around the bumper cover to remove.



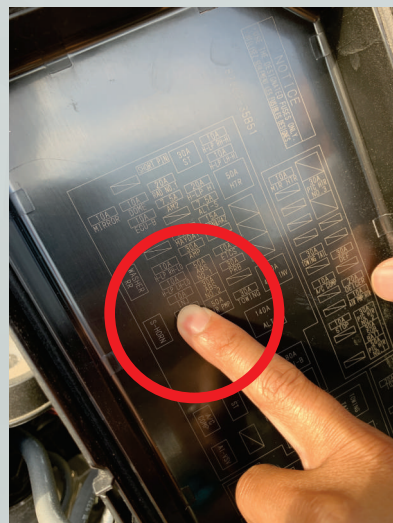
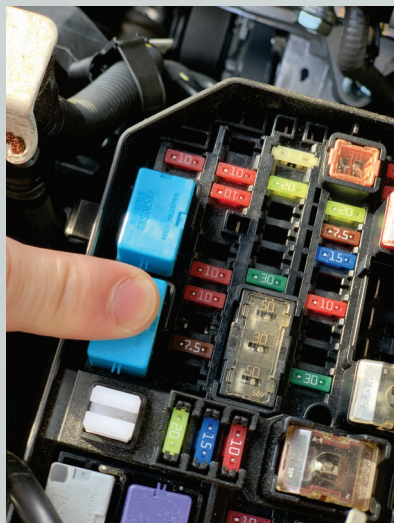
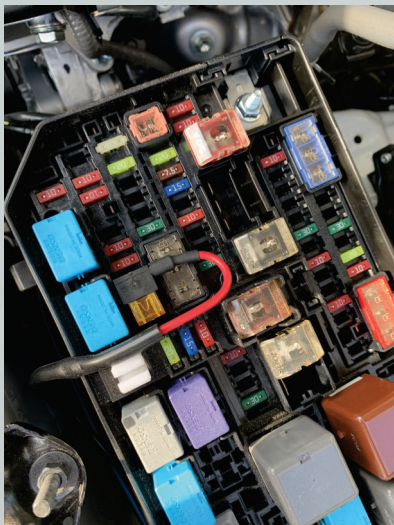
9. Remove the four (4) 10mm screws holding the headlight on the truck. Lift plastic tabs over white screw clips. Unscrew bottom headlight bracket from headlight (2 screws) and fit to Morimoto headlights.



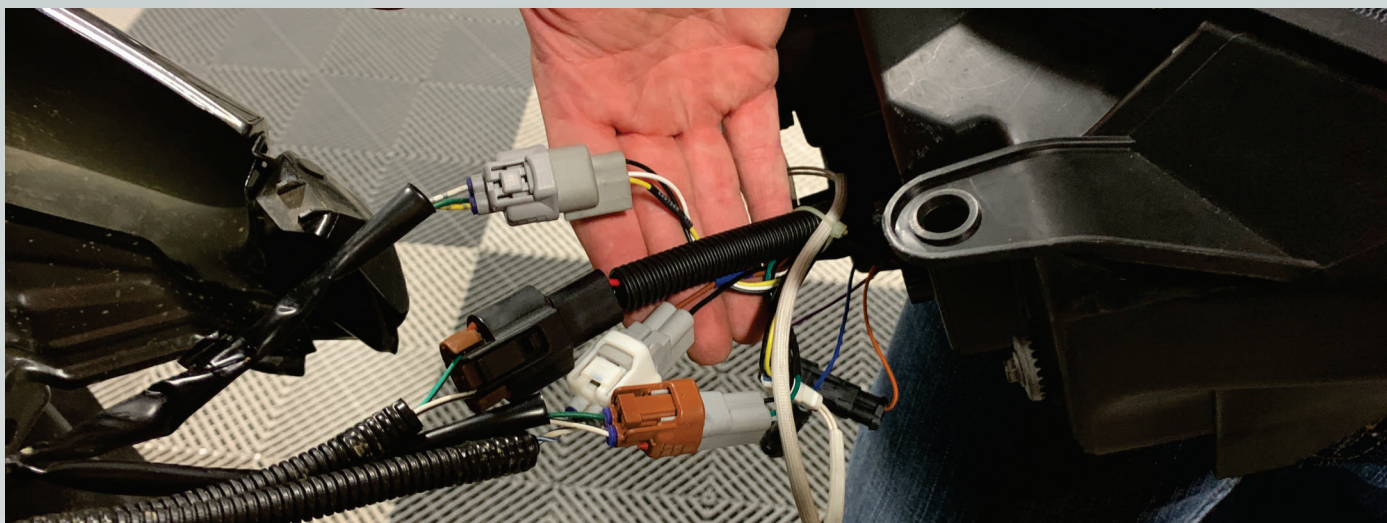
10. Route the DRL fuse tap harness across the radiator support panel.



11. The daytime running light is powered via the included fuse tap harness. The fuse tap needs to be installed into a fuse slot on your vehicle with switched ignition power (constant 12V when the vehicle is on, and off when the vehicle is off). We recommend using the 10A injector fuse (labeled "INJ") in the underhood fuse box. Locate your desired fuse, add it to the fuse tap, and fit the fuse tap in that same slot.



12. Connect XB LED headlight to factory headlight connectors. NOTE: See Page 2 for optional adapters.



13. Configure turn signal function to your preference.

SEQUENTIAL TURN SIGNAL TOGGLE



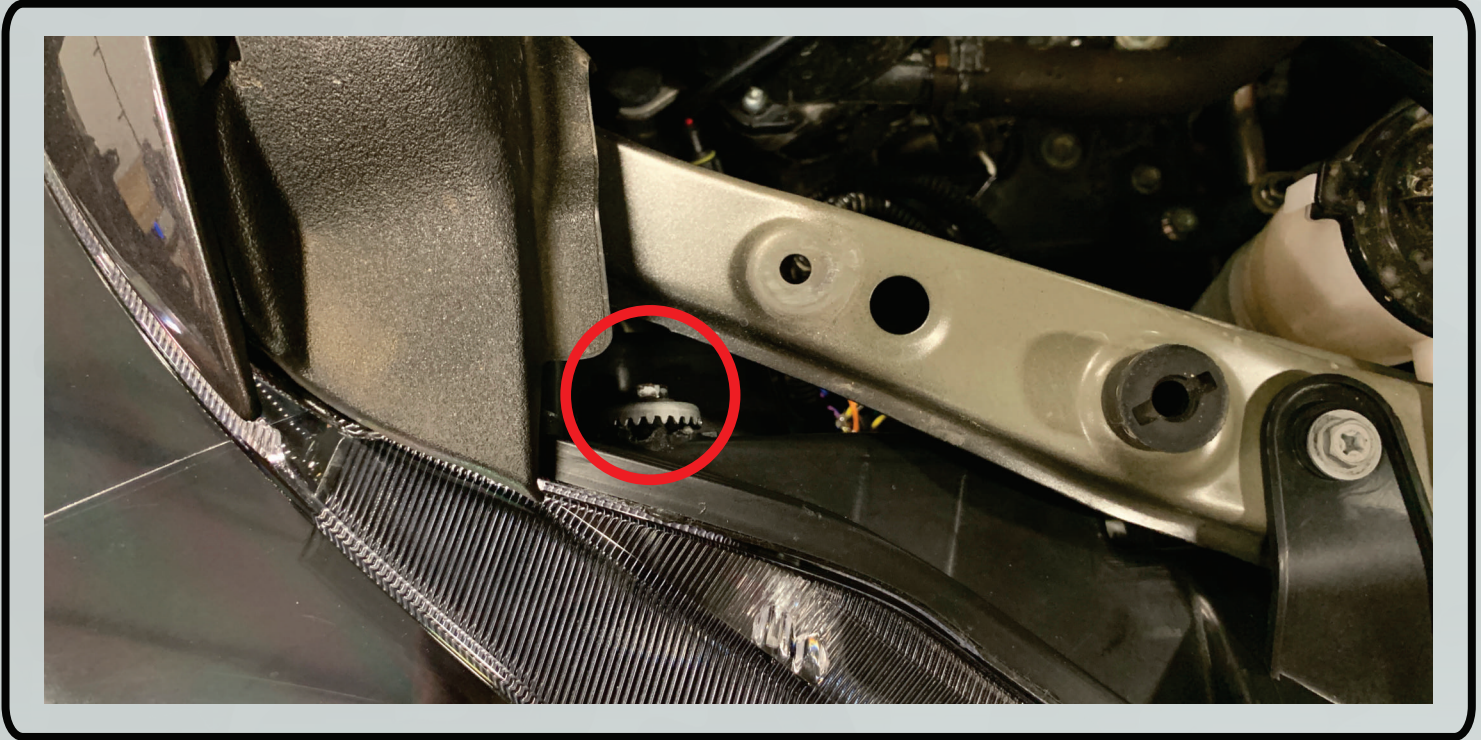
SEQUENTIAL TURN SIGNAL OPERATION



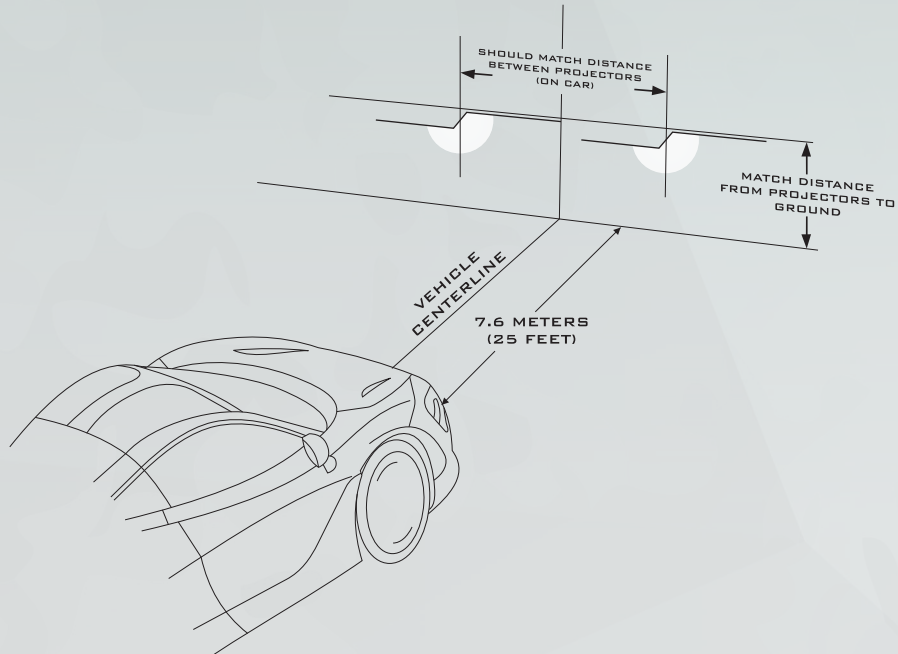
STANDARD (BLINKING) TURN SIGNAL OPERATION

14. Installation of XB LED headlights is reverse of removal.

15. The vertical adjuster can be accessed from the top with the headlight installed.



16. Refer to the aiming standards below when adjusting your lights.



ENJOY YOUR MORIMOTO LIGHTS!

