

# 2021+ FORD BRONCO 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**  
(WHITE OR AMBER)



**1 X DRL HARNESS**



**1 X CROSSOVER HARNESS**



**1 X BATTERY 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.

# 2021+ FORD BRONCO



## TABLE OF CONTENTS

- INSTALLATION PROCESS .....	PAGE 3
- VERTICAL HEADLIGHT AIMING .....	PAGE 10

## REQUIRED TOOLS

- |               |  |
|---------------|--|
| - RATCHET     | - NEEDLE NOSE PLIERS                         |
| - 8MM SOCKET  | - FLAT HEAD SCREWDRIVER OR TRIM REMOVAL TOOL |
| - 10MM SOCKET | - PHILIPS HEAD SCREWDRIVER                   |

# INSTALLATION PROCESS

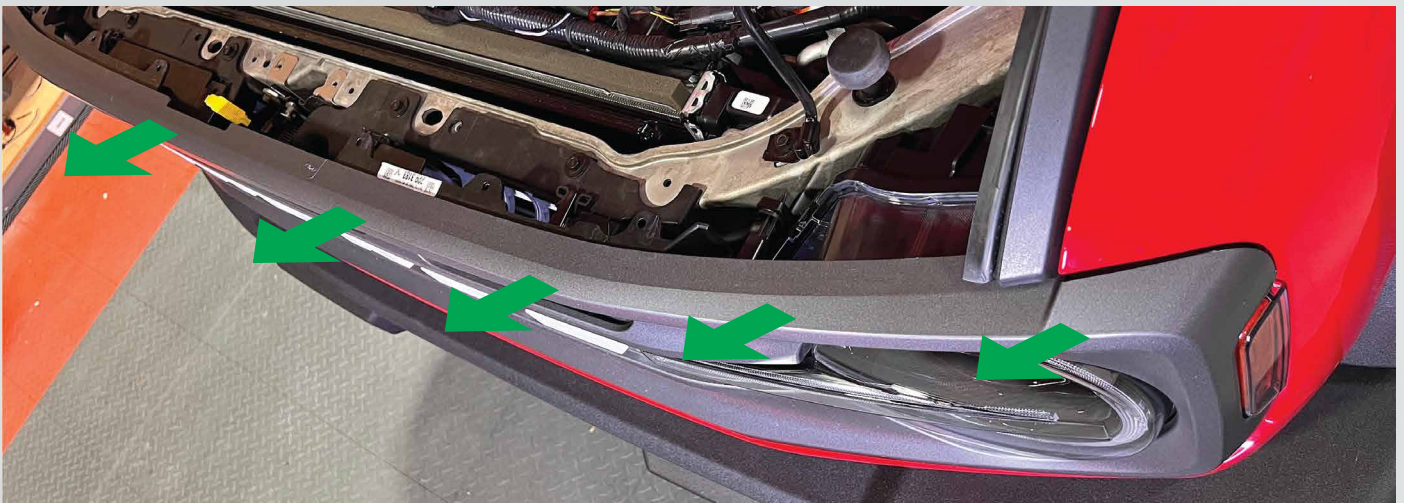
1. Remove the nine (9) plastic clips holding on the grille cover. Remove the grille cover off of the truck.



2. Remove four (4) 10mm bolts holding the top of the grille.

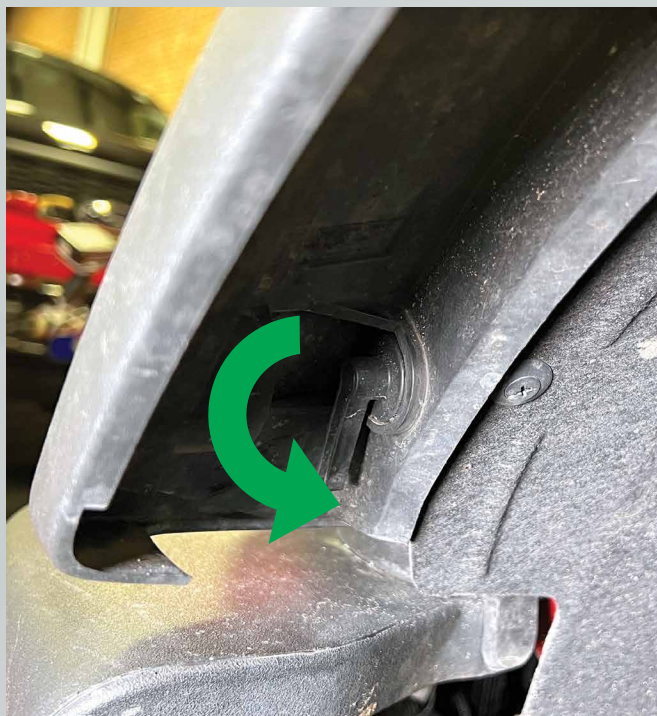


3. Pull the grille forward to release the clips holding it on the truck. Remove the grille off of the truck and set it to the side.



4. To release the fender flares simply rotate the little handles (under the flares) 45 degrees counter clockwise.

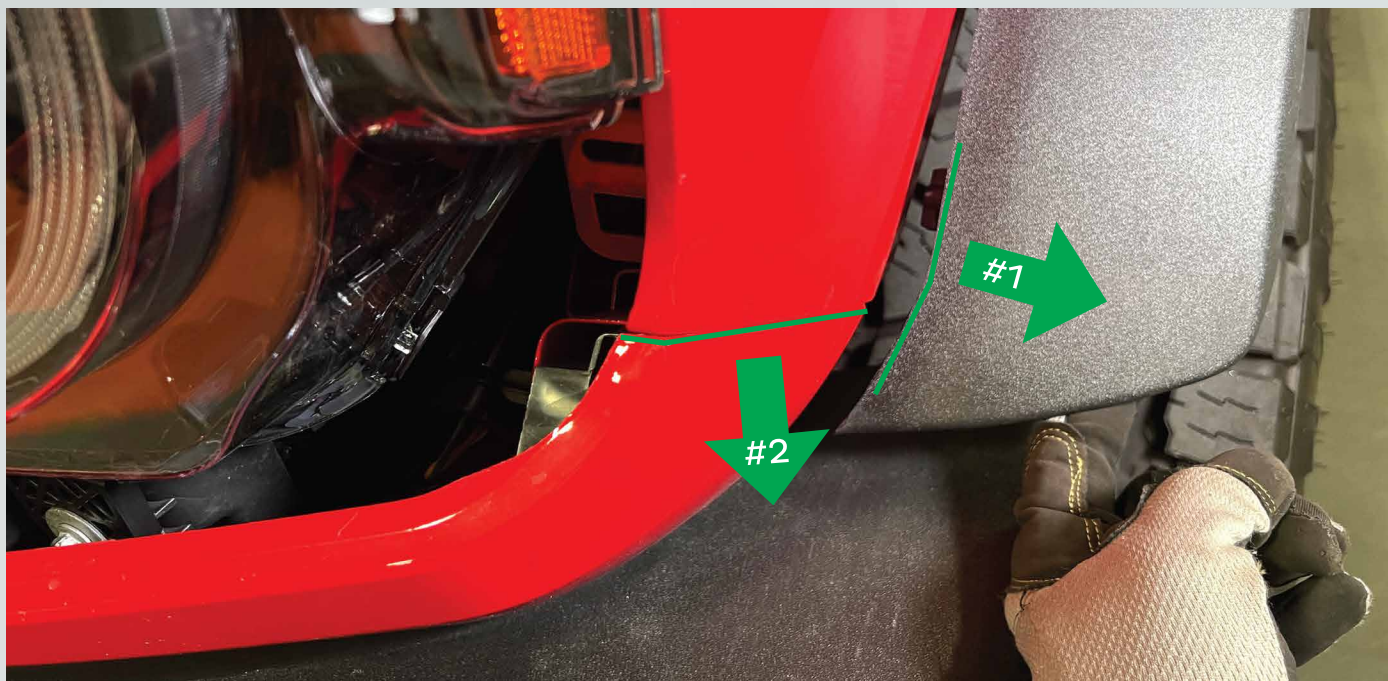
DRIVER SIDE



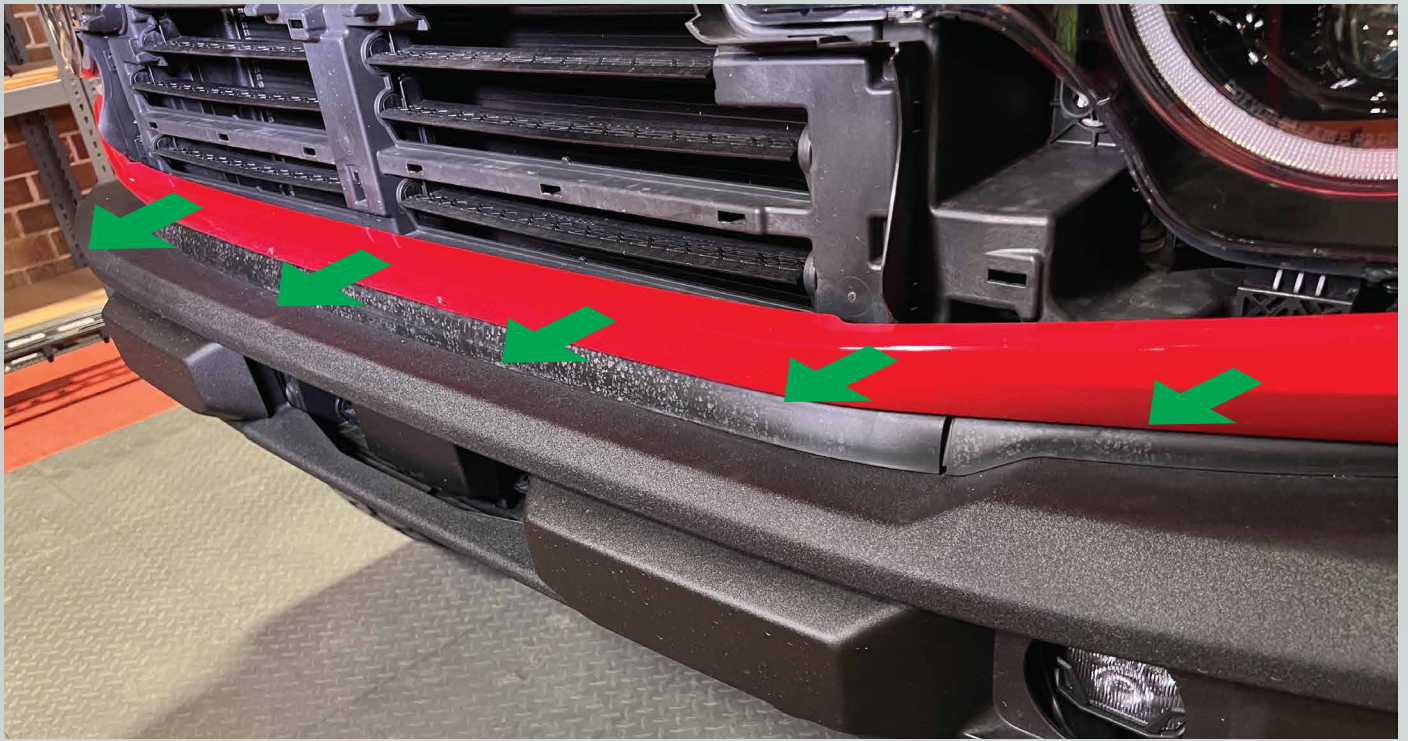
PASSENGER SIDE



5. Pull the fender flare away from the fender (#1). Pull the plastic trim away from the fender to release the side (#2). Repeat this on the other side of the vehicle.



6. Pull the plastic trim piece forward to release the clips and remove it off of the vehicle.



7. Remove one (1) 8mm bolt holding the bottom of the headlight (IMAGE 1). Remove one (1) plastic clip and two (2) 10mm bolts holding the top of the headlight (IMAGE 2).



IMAGE 1

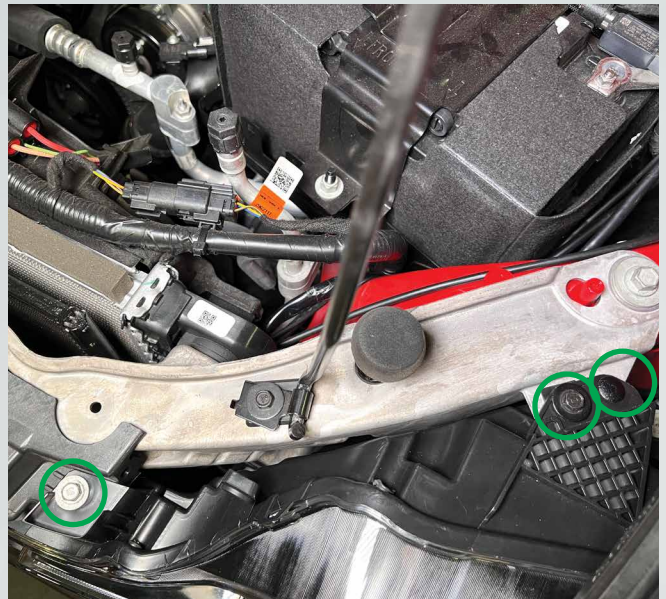
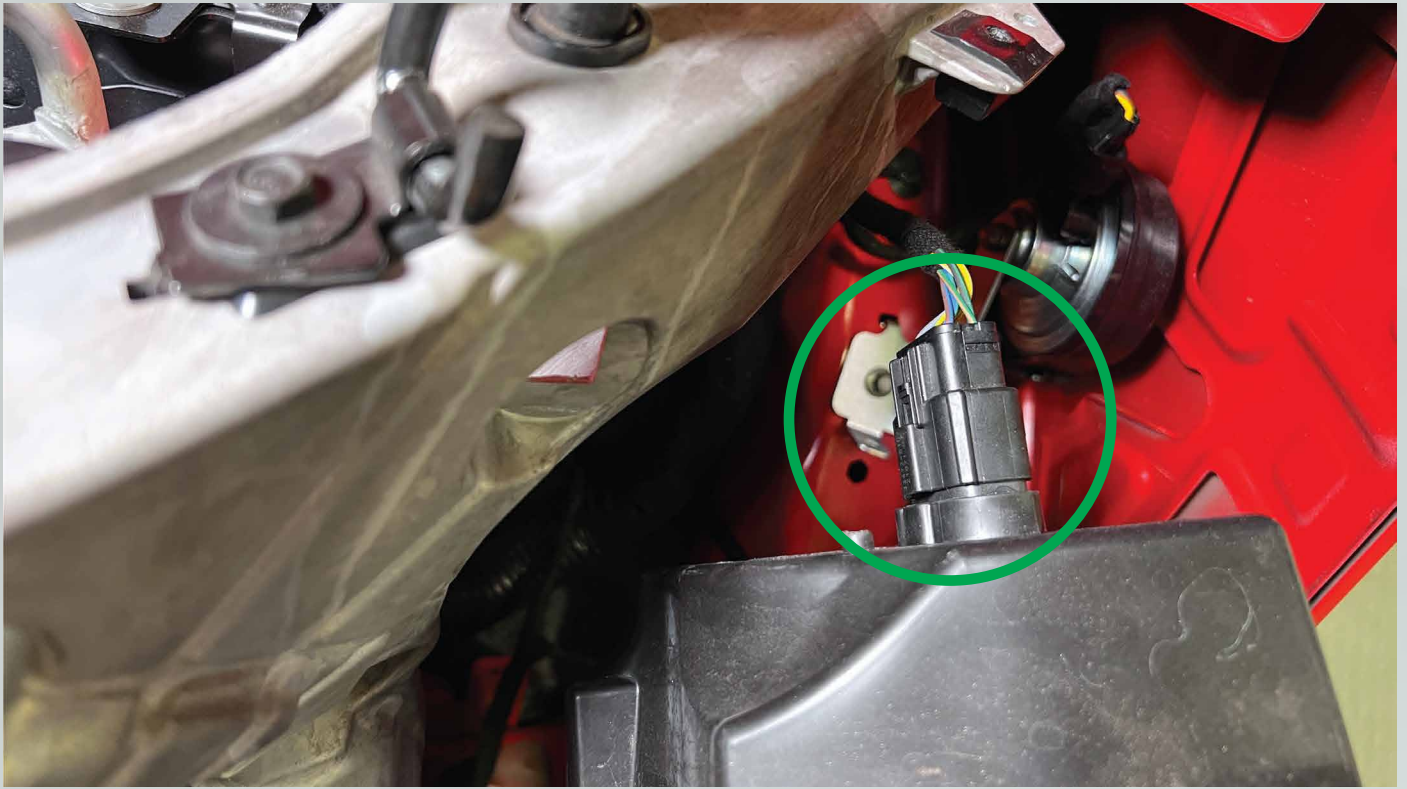
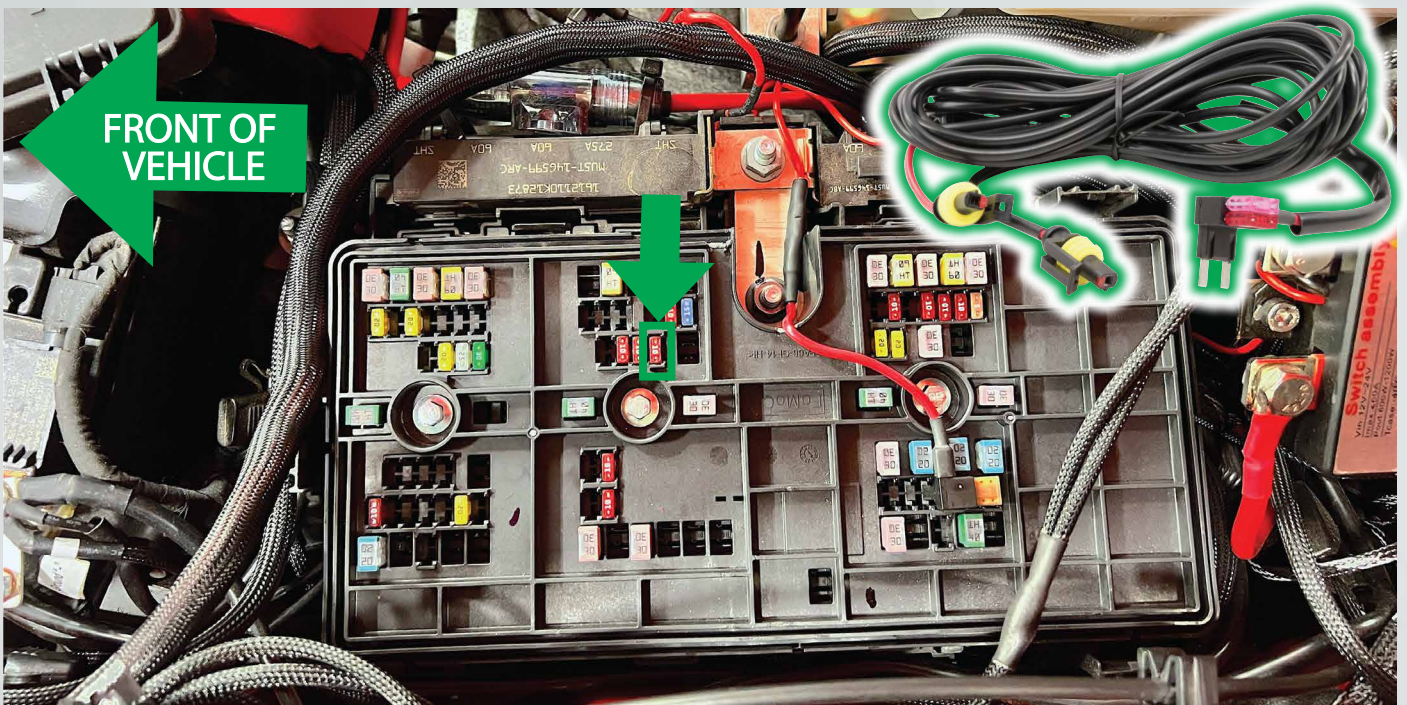


IMAGE 2

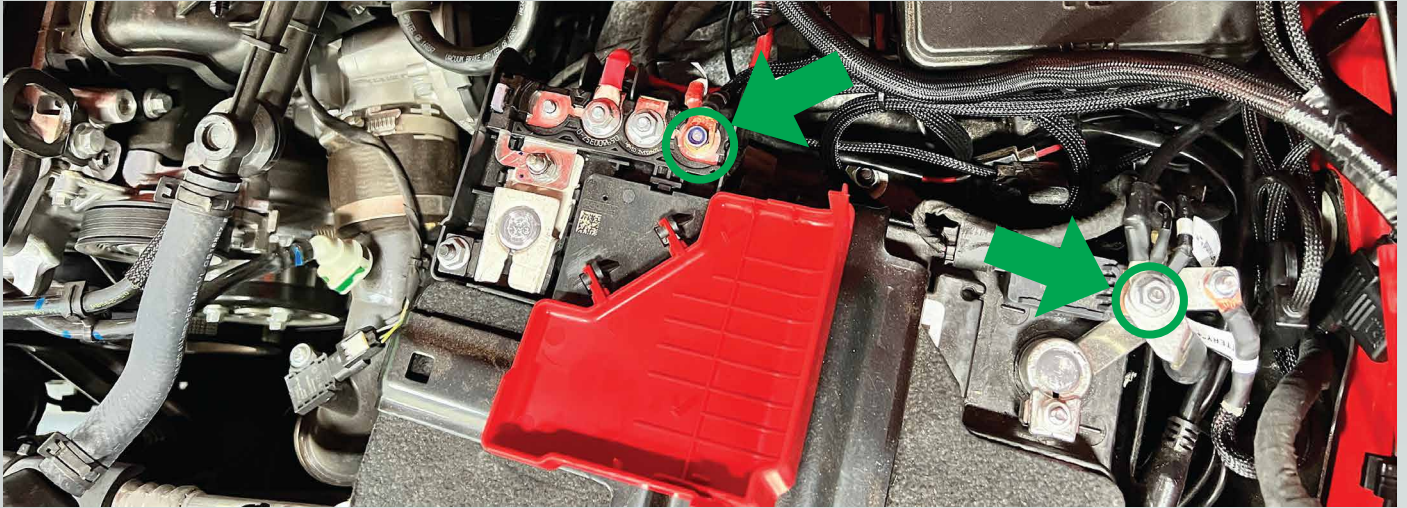
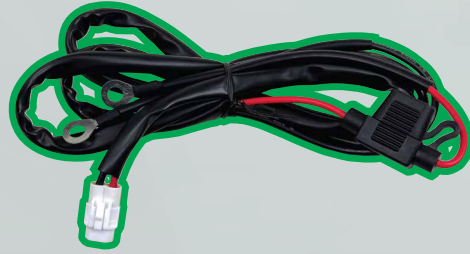
8. Pull the headlight forward to release it, then unplug the multi pin connector on the back. Remove the headlight and set it off to the side. Repeat this on the other side of the truck.



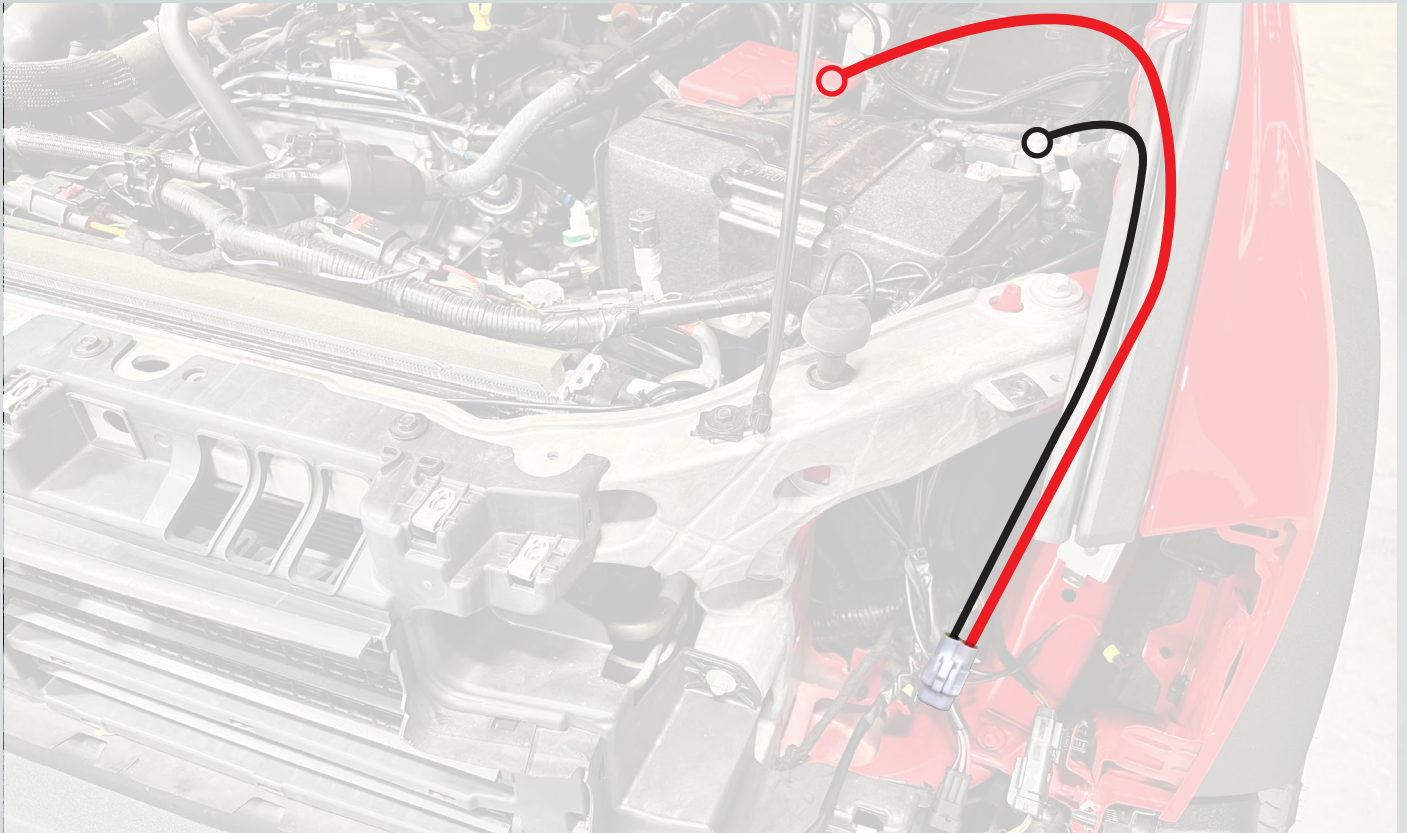
9. Locate the fuse box under the hood on the driver side, behind the battery and remove fuse #24. Find the included fuse tap harness and plug it in place of the fuse you just removed. Route one end of the harness to the driver side headlight area and the other end to the passenger side headlight area.



10. -Locate the included Battery Harness, go to the battery and remove the 10mm nut on the positive terminal.  
-Install the positive lead (red wire) onto the stud on the positive terminal, and reinstall the 10mm nut.  
-Install the negative lead from the Battery Harness (black wire). Remove the 10mm nut on the negative terminal, install the negative lead (black wire) and reinstall the 10mm nut.  
-Run the other end of the Battery Harness to the driver side headlight opening.

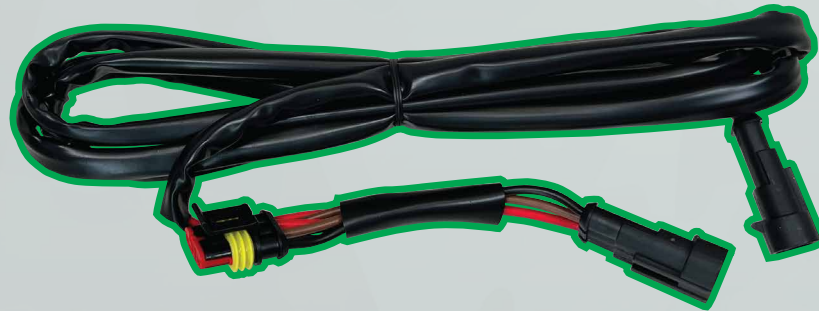


(HARNES ROUTING)

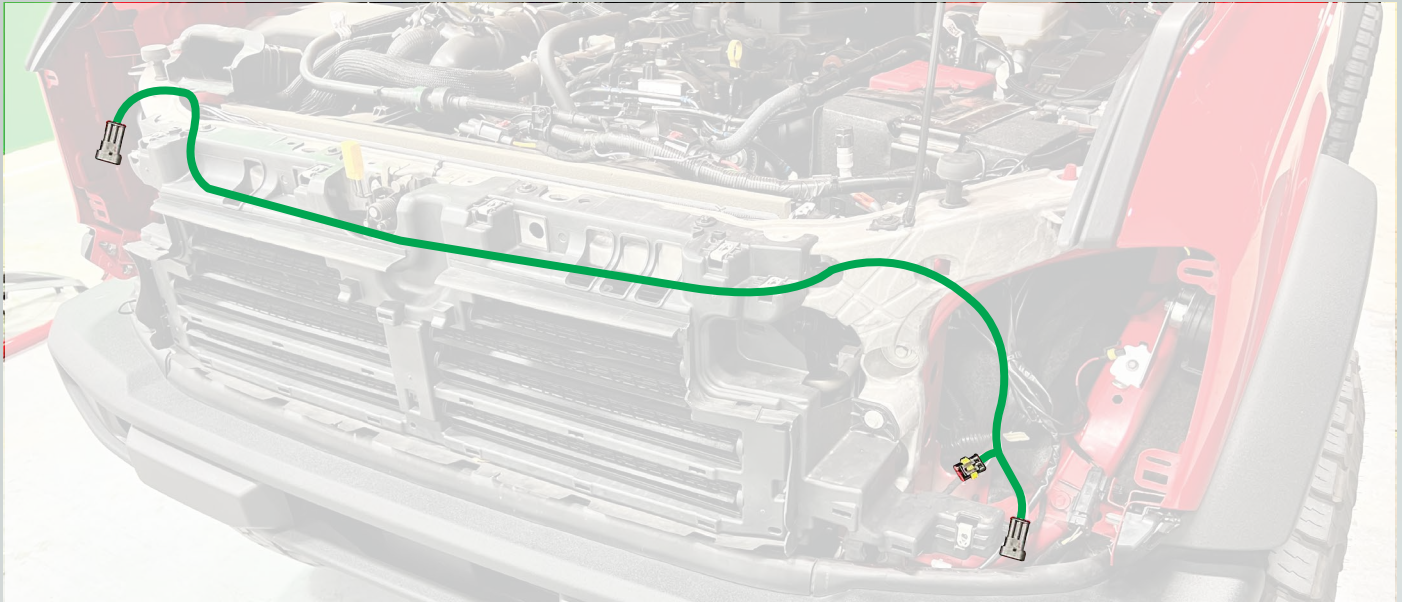


11. Locate the included Crossover Harness.

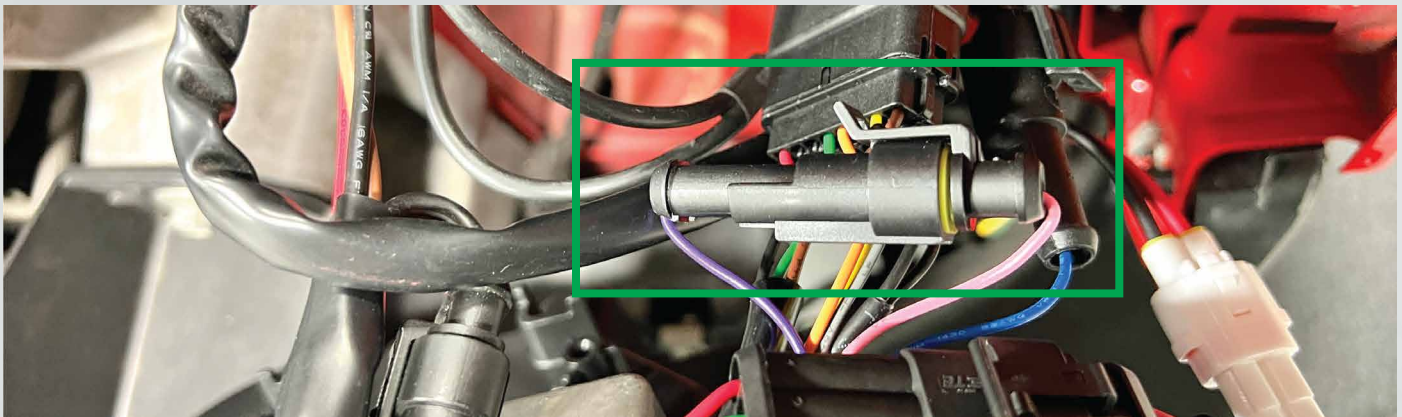
- Starting on the driver side of the vehicle, place the end of the harness, that has 2 connectors, in the driver headlight opening.
- Then route the other side of the harness to the passenger side headlight opening.



(HARNESS ROUTING)



12. Grab your driver side Morimoto headlight and locate this connector. This connector is to select if you want a solid or sequential (scrolling) turn signal. Leaving it plugged in will make it sequential, leaving it unplugged will make it flash solid (if you leave it unplugged then wrap the ends in electrical tape).





13. Plug in these three (3) connectors from the driver side headlight to the vehicle (IMAGE 3). Then plug in the two (2) Crossover Harness connectors to the headlight (IMAGE 4). Place the headlight in its place on the vehicle and thread in one bolt by hand to keep it in place.

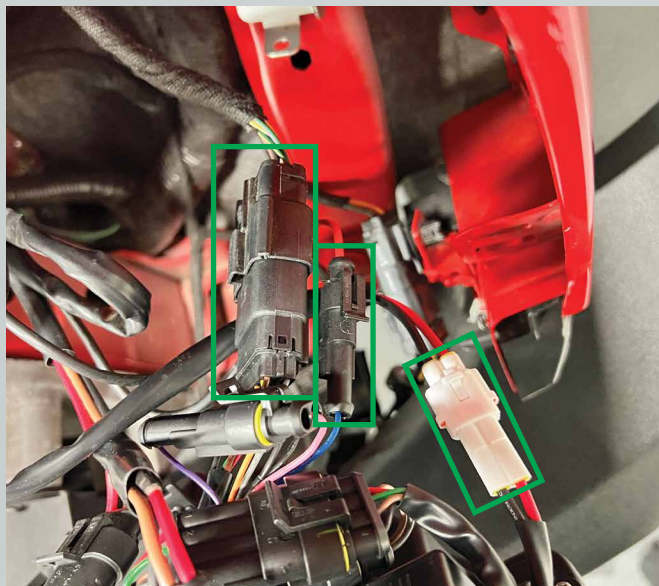


IMAGE 3

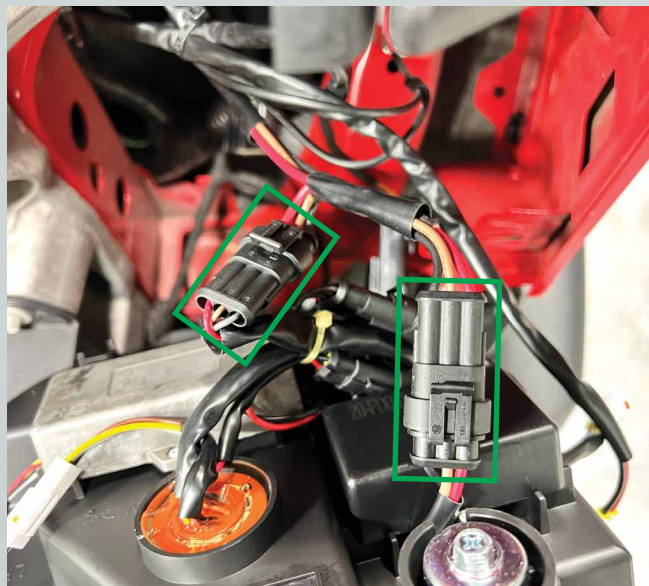


IMAGE 4

14. Grab the passenger side Morimoto headlight and connect these three (3) connectors (IMAGE 5). Select your turn signal preference (IMAGE 6). Leaving the connector plugged in will make it sequential, leaving it unplugged will make it flash solid (if you leave it unplugged then wrap the ends in electrical tape).

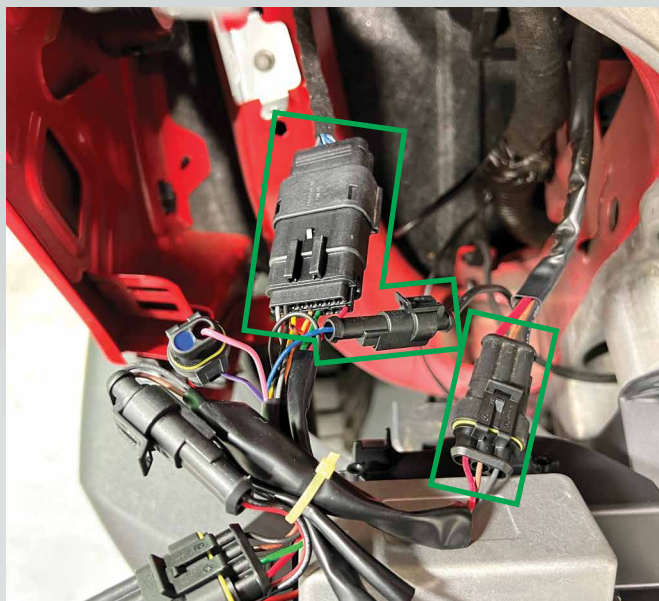


IMAGE 5

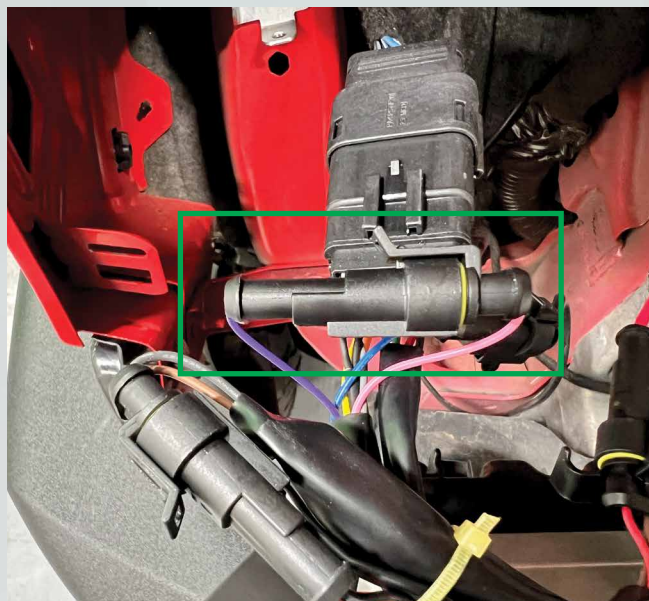


IMAGE 6

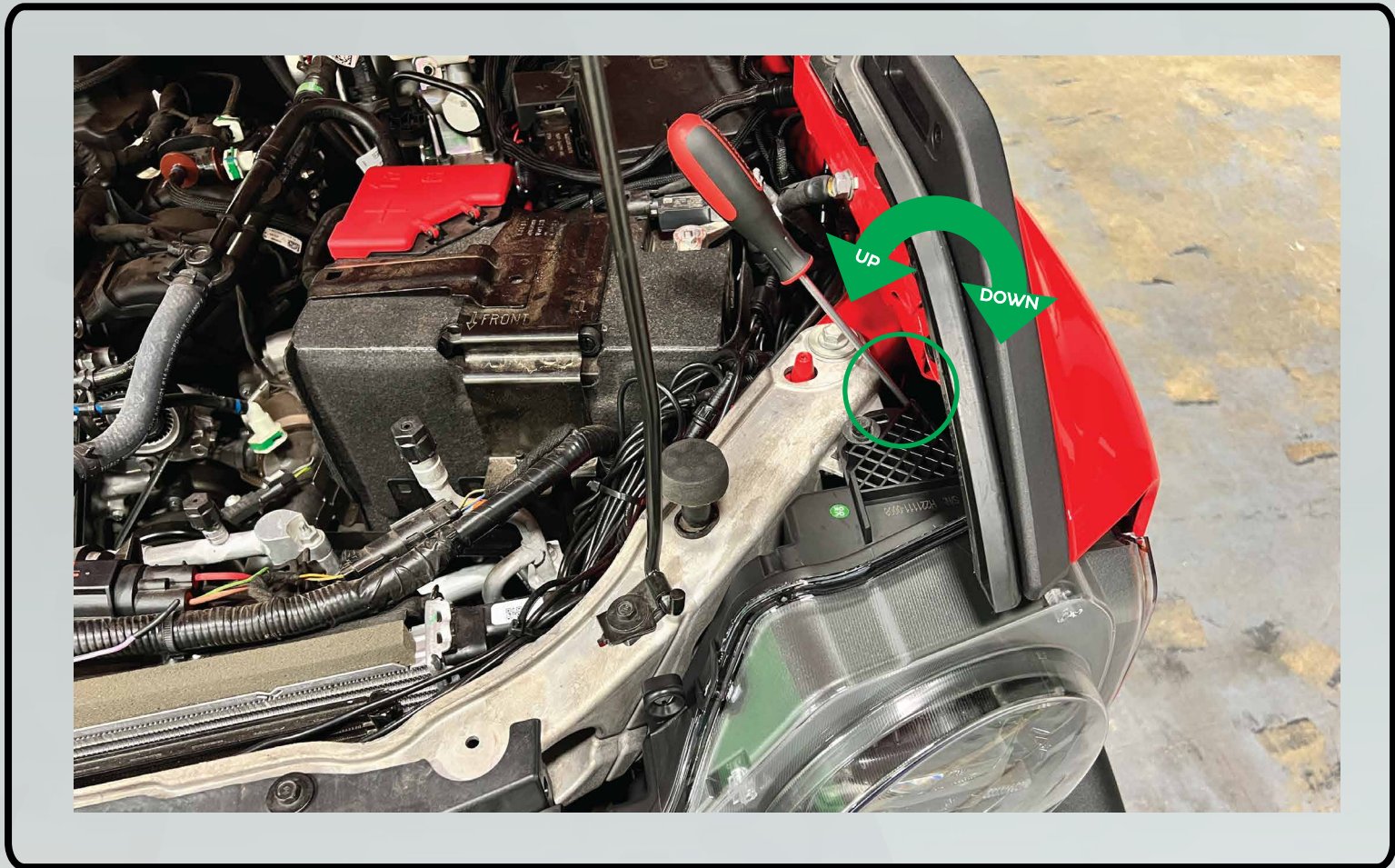
15. Place the passenger headlight in its place on the vehicle and thread in one bolt by hand to keep it in place.

16. Turn the truck on and go through all of the functions.

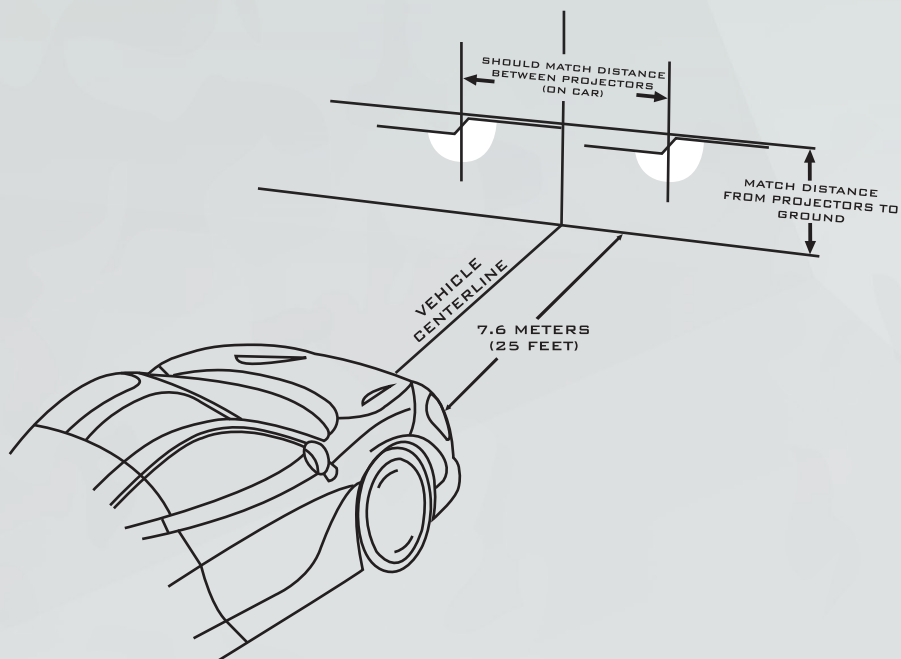
17. Reassemble the truck in the reverse order that you took it apart.

# VERTICAL HEADLIGHT AIMING

18. To adjust the low beam, slide a philips head screwdriver into this slot and turn the screwdriver counter clockwise to move the beam up and turn clockwise to move the beam down.



- Please refer to the aiming standards below when adjusting your headlight beam.



ENJOY YOUR NEW MORIMOTO XB HEADLIGHTS!