

## Installation Guide for 07-13 Toyota Tundra / 08-17 Sequoia Headlights

Posted by  [arexusa](#)

On January 2, 2023

Comments Off on Installation Guide for 07-13 Toyota Tundra / 08-17 Sequoia Headlights

**NOTE:** *Some vehicle require the DRL harness installed for the headlight to function properly.*

**Do NOT use dielectric or any type of weather sealing grease on connectors or sockets. Doing so will result in connection problems and will not be covered under warranty. Please click [HERE](#) for further explanation.**

Table of Contents

- [INSTALLATION TOOLS](#)
- [PART I - Remove Headlights](#)
- [DISCONNECTING THE NEGATIVE BATTERY TERMINAL](#)
- [REMOVE THE BOTTOM TRIM PIECES](#)
- [REMOVE HEADLIGHT BOLTS](#)
- [UNPLUG AND REMOVE THE HEADLIGHTS](#)
- [TRANSFER TURN SIGNAL BULB AND THE PLUG](#)
- [PART II - Install Headlights](#)
- [INSTALL ALPHAREX HEADLIGHTS & DRL HARNESS](#)
- [TAP THE FUSE AND ROUTE DRL HARNESS](#)
- [PLUG AND INSTALL HEADLIGHTS](#)
- [TEST THE HEADLIGHT FUNCTIONS](#)
- [ADJUST HEADLIGHT LEVEL](#)
- [COMPLETE INSTALLATION](#)

*Disclaimer: This installation article is a tutorial guide. By reading this article, you agree it is for reference only and AlphaRex USA and its distributors make no guarantee on the finished results. Under no circumstances whatsoever shall AlphaRex USA nor its distributors be liable for any*

*damage, misuse or personal injuries. If you do not fully understand the installation procedure, it is highly recommended that you seek help from professional mechanics to do the installation.*

### **INSTALLATION TOOLS**



**Plastic Panel Popper**



**1/4 Ratchet**



**Metal Panel Popper**



**Phillips Screwdriver**



**Pliers**



**1/4 Extension**



**Socket**

**Size NEEDED**

**10**

**PART I - Remove Headlights**

**DISCONNECTING THE NEGATIVE BATTERY TERMINAL**

Whenever working on your vehicle always start by disconnecting the negative battery terminal.



**REMOVE THE BOTTOM TRIM PIECES**

Open the hood and located the 4 push on plastic retainers.  
(2 for each side of the bottom trim piece)

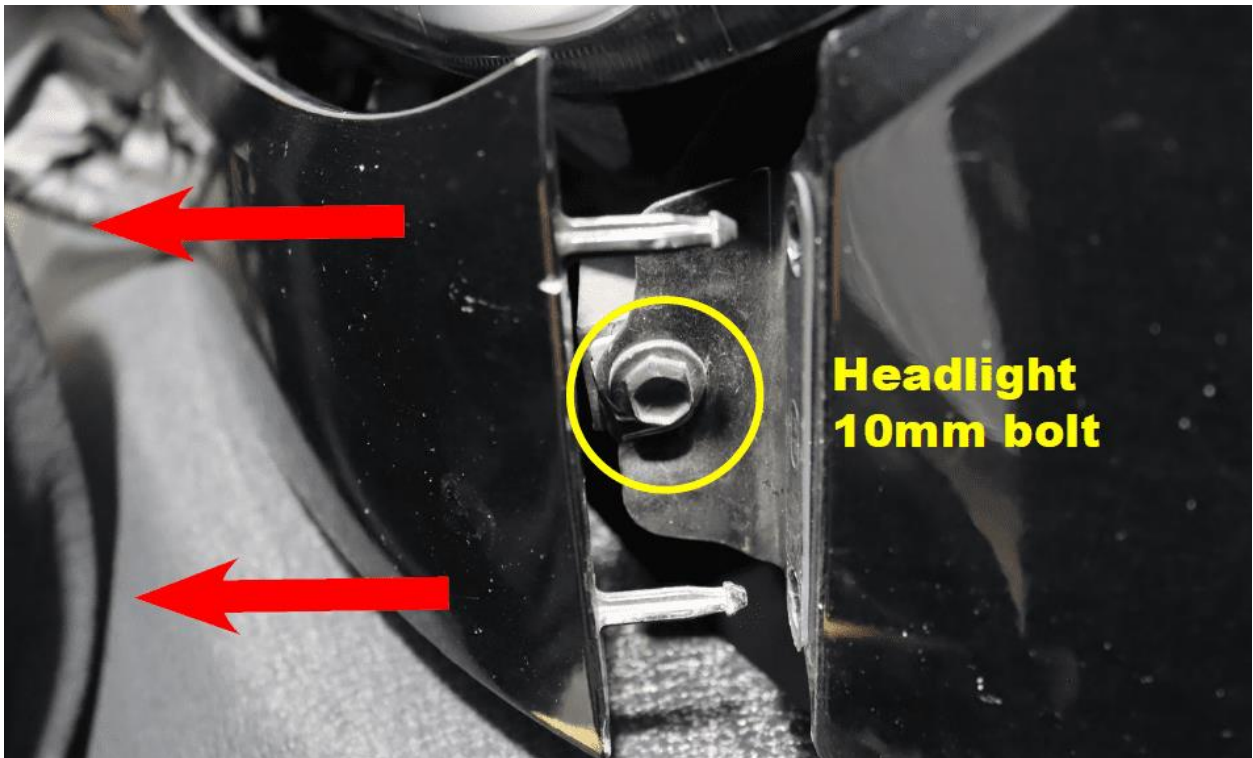




Gently lift from the side and pull it straight outward.



Use the plastic panel popper to help you release the side joint pins.



Carefully pull the pins out by pull it straight outward.  
Please repeat the same steps for the other side of the trim piece.

## **REMOVE HEADLIGHT BOLTS**

Remove headlight bolts: 10mm (2 on the top and 1 from the bottom).

**Please follow the same procedure for the other side**

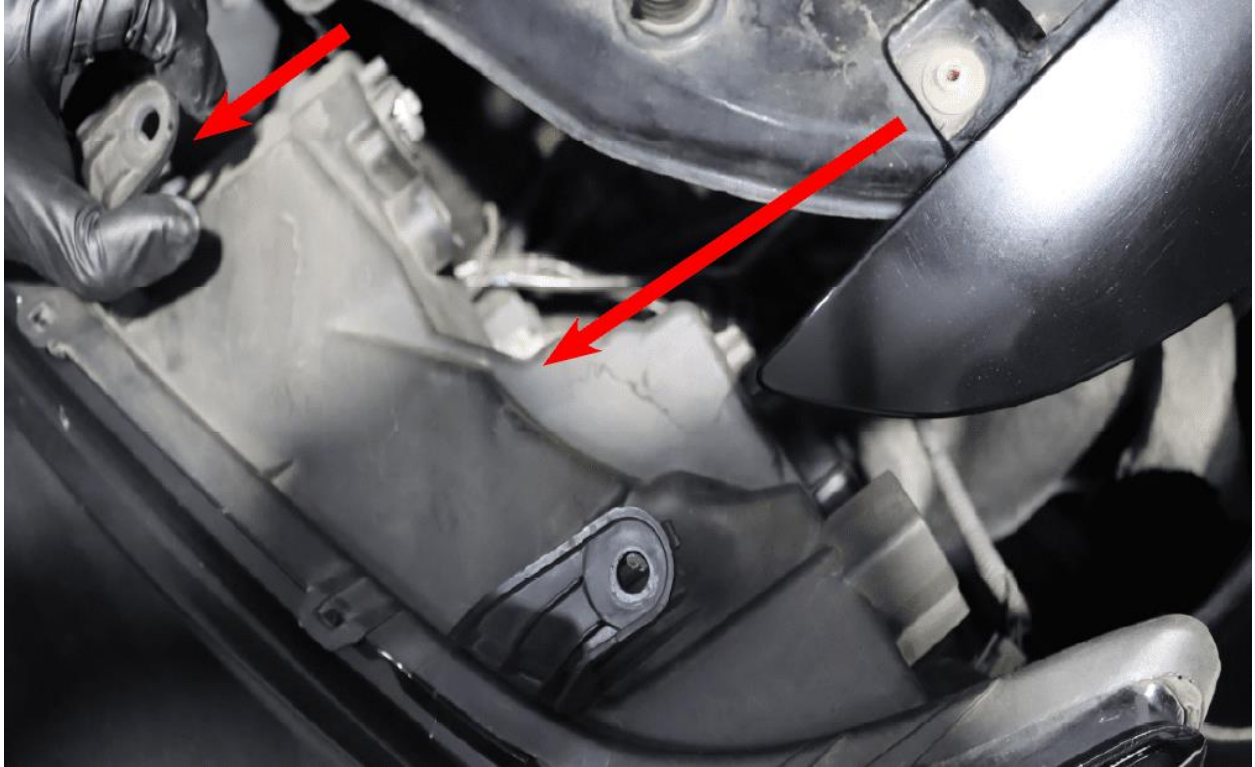




## **UNPLUG AND REMOVE THE HEADLIGHTS**

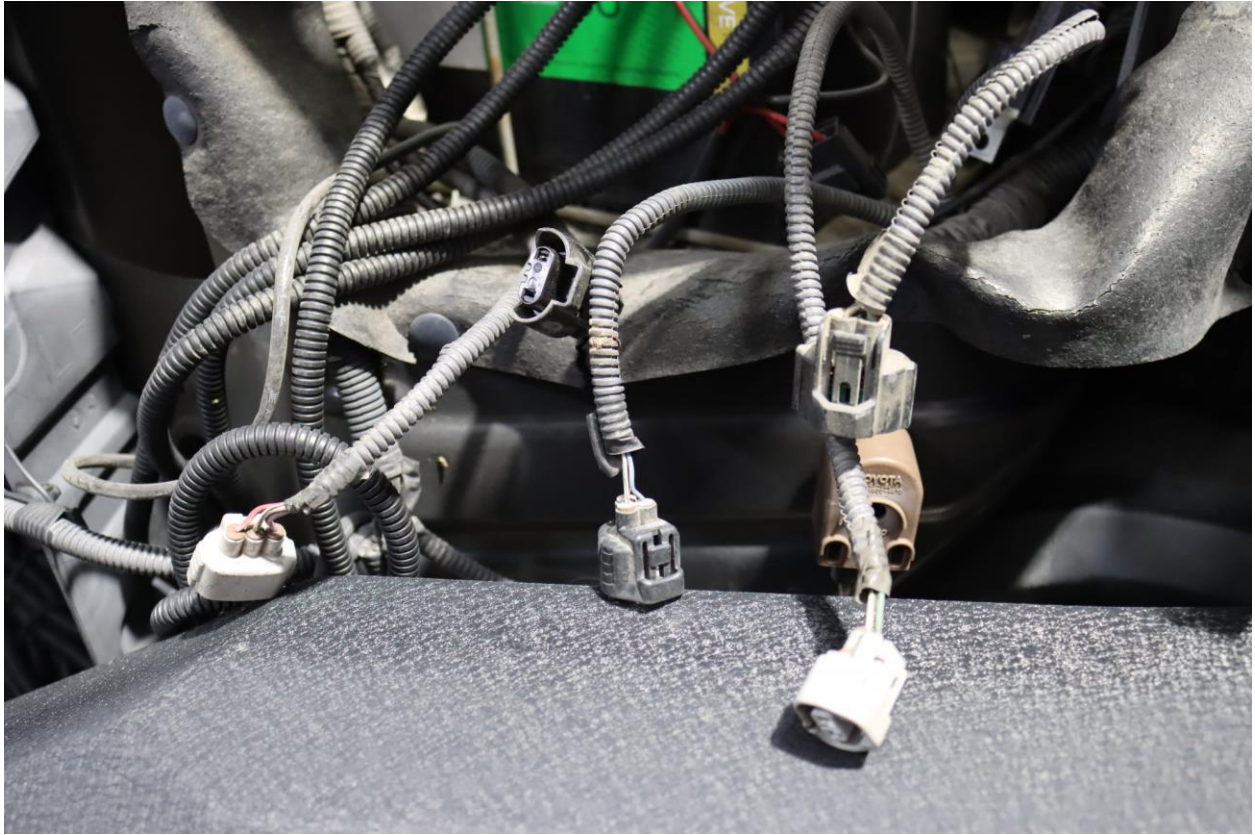
Use panel popper to lift the headlights mounts and pull it outward to release.





Before removing the headlight, unplug the sockets and the level adjuster socket if equipped. Please repeat the same steps for the other side of the headlights.





**TRANSFER TURN SIGNAL BULB AND THE PLUG**

Remove and transfer turn signal bulb plug to the new ALPHAREX headlight.

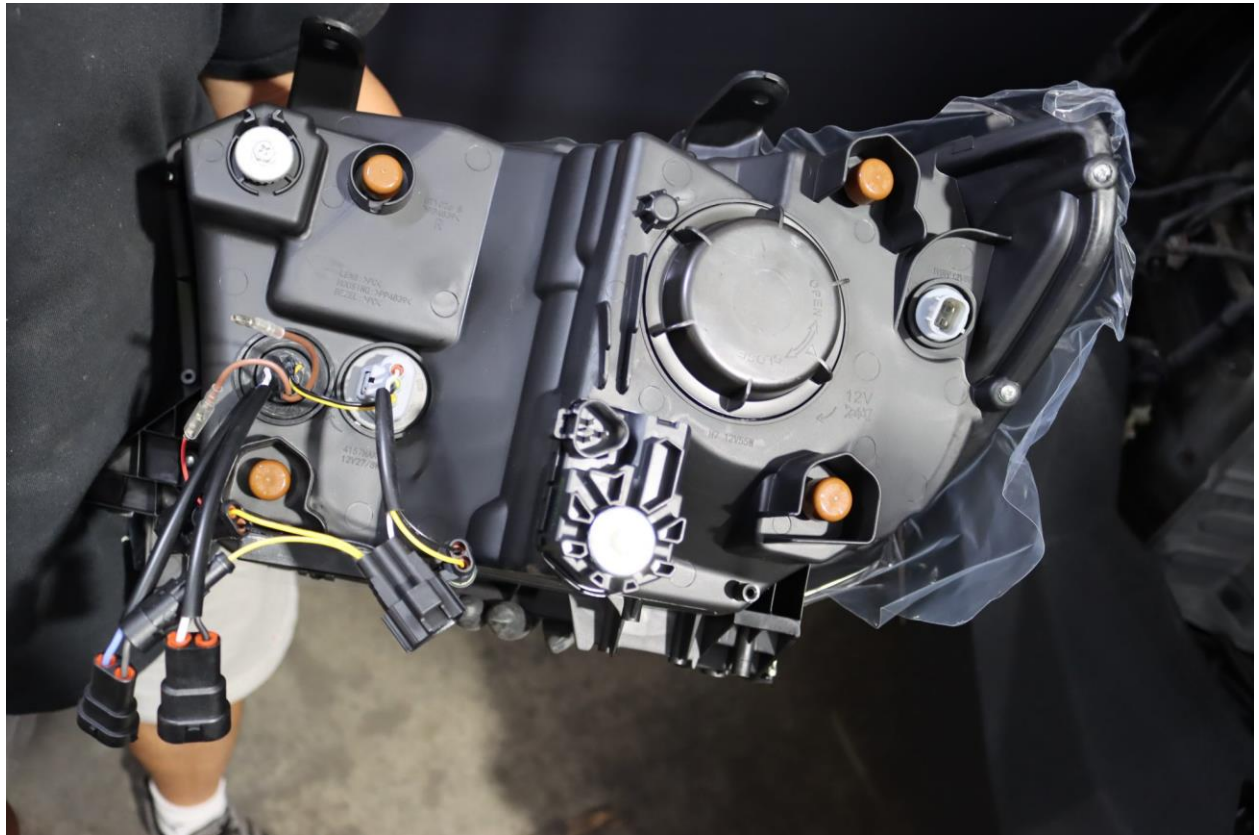




Next, connect the turn signal connector to the transferred plug.

**Please make sure both of the headlights are transferred and plugged in order to function properly.**





## **PART II - Install Headlights**

### **INSTALL ALPHAREX HEADLIGHTS & DRL HARNESS**

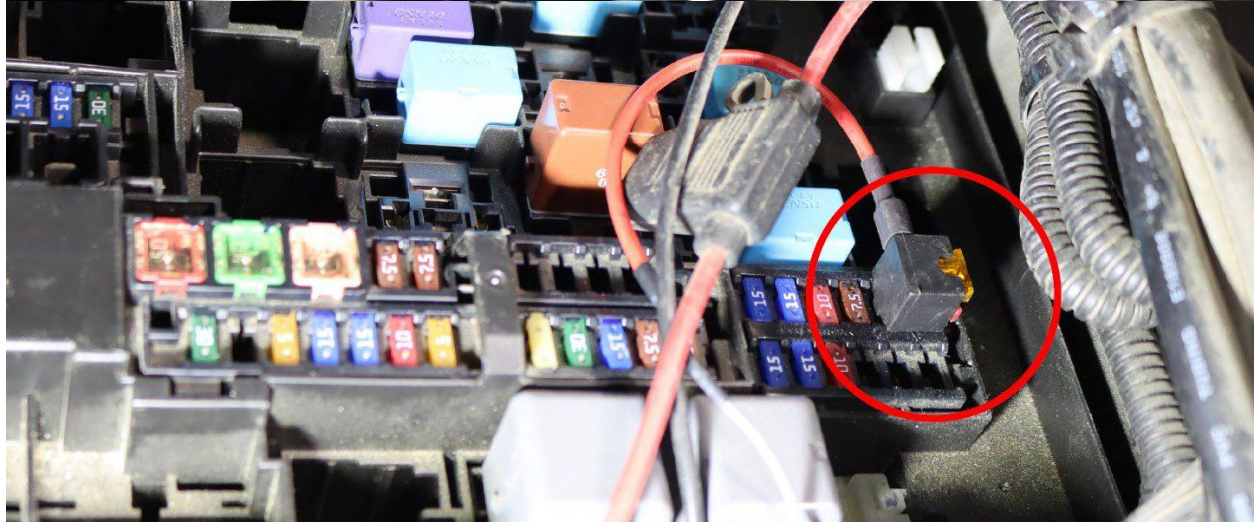
With both headlights disconnected, now it's time to install the DRL harness. You will need to connect the red wire to battery's positive terminal, the black wire to battery's negative terminal or to the 10mm bolt of the fender grounding cable.



## TAP THE FUSE AND ROUTE DRL HARNESS

In order for the DRL to function during the day, you will need to tap the grey wire into your IGN fuse.





Close the fuse box and start routing the DRL harness to both headlights.





**PLUG AND INSTALL HEADLIGHTS**

Plug all of the headlight sockets to the new ALPHAREX headlight.

**DO NOT USE DIELECTRIC GREASE!**

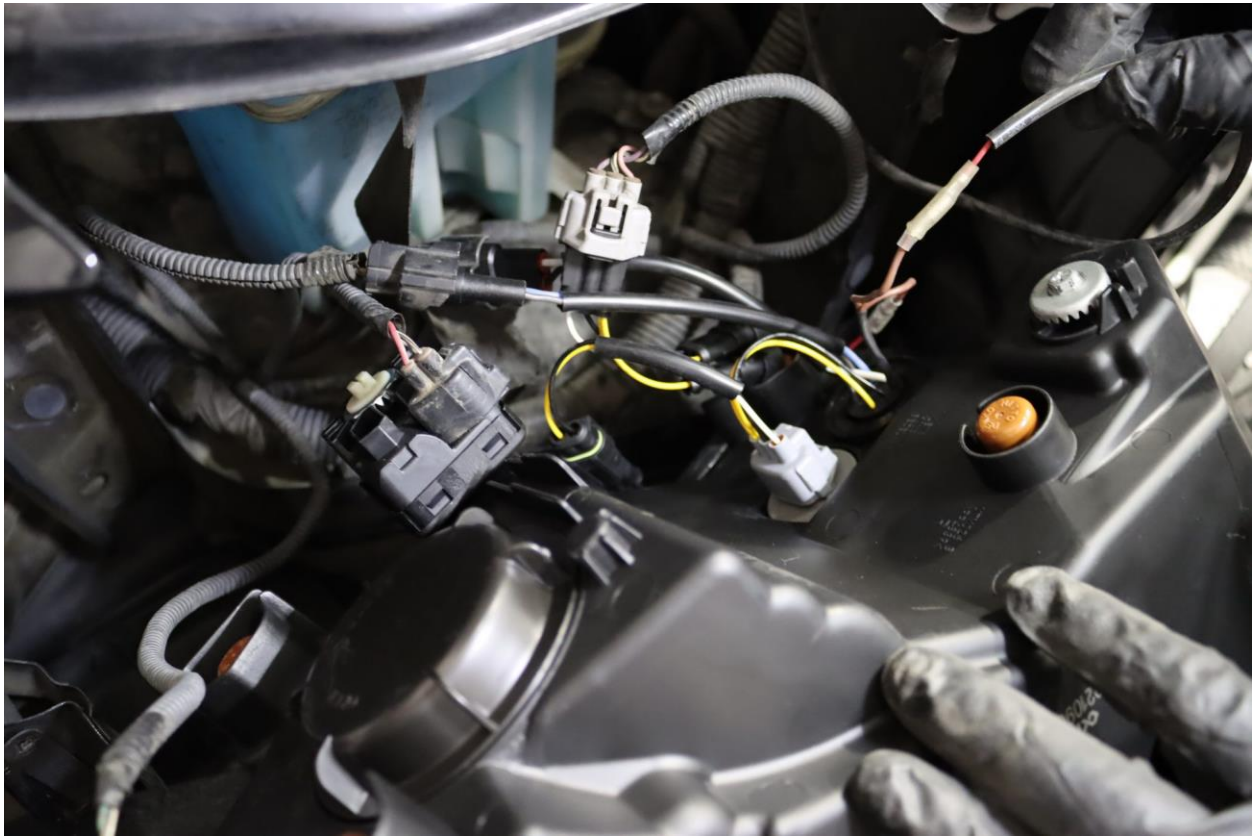




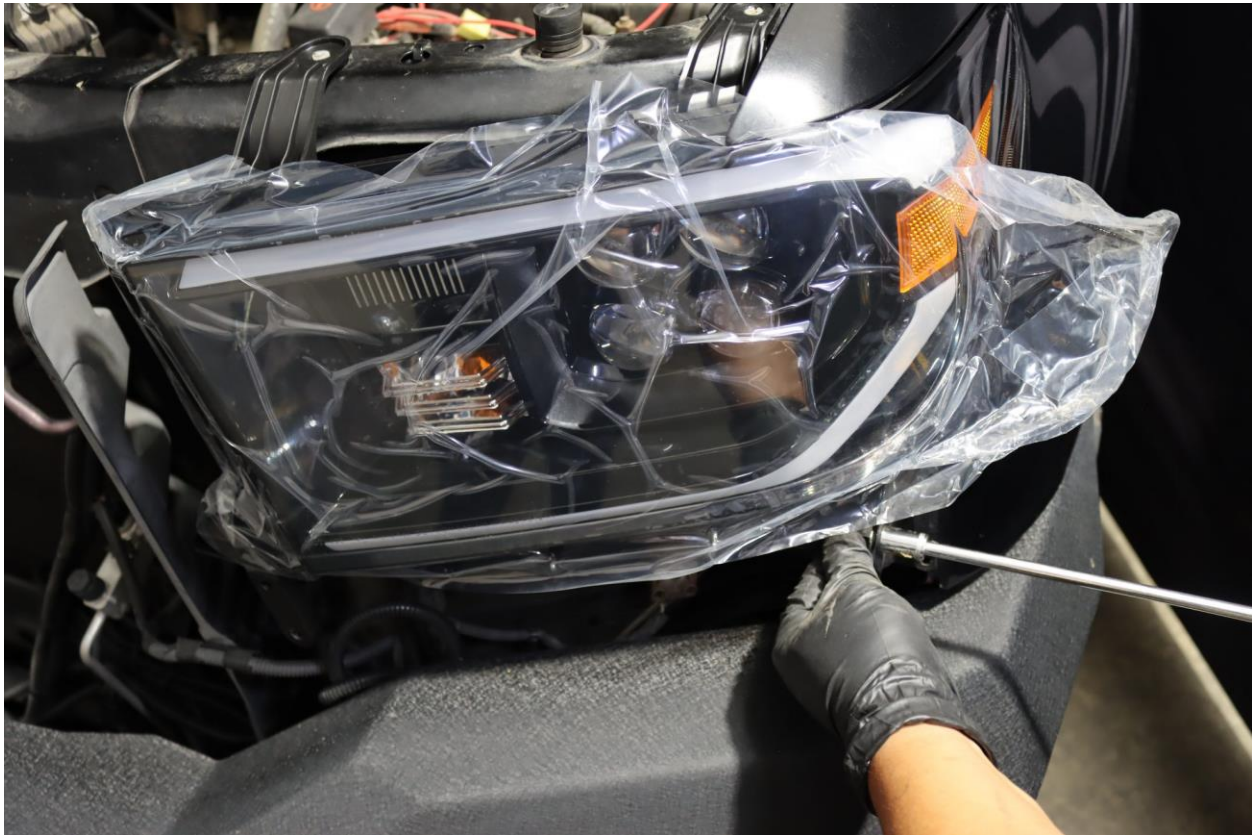


Plug DRL wire and the level adjusted if your vehicle is equipped.  
Please follow the same steps for the other side of the headlight.





Reverse the headlights removal process to complete installation.





### **TEST THE HEADLIGHT FUNCTIONS**

Test the functions of your ALPHAREX headlights to ensure everything works properly.



Sequential turn signal

XREX



### **ADJUST HEADLIGHT LEVEL**

After headlights installation is complete.

You will next aim the headlight at about 25ft against a wall on a level surface.

Horizontal adjustment

Clockwise to lower the level

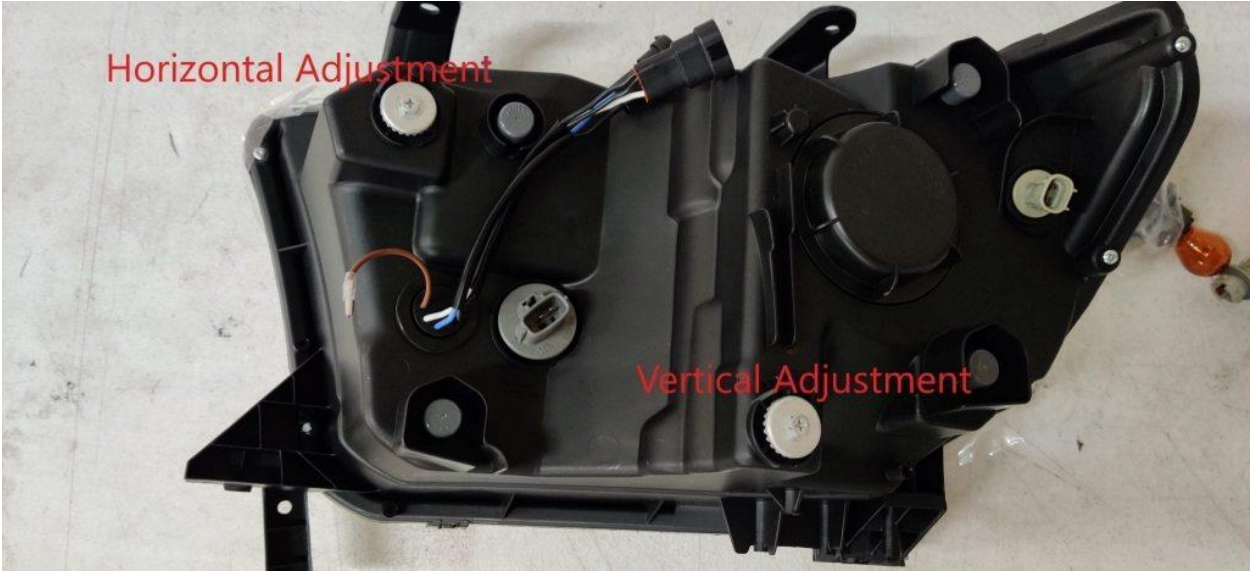
Counterclockwise to raise the level

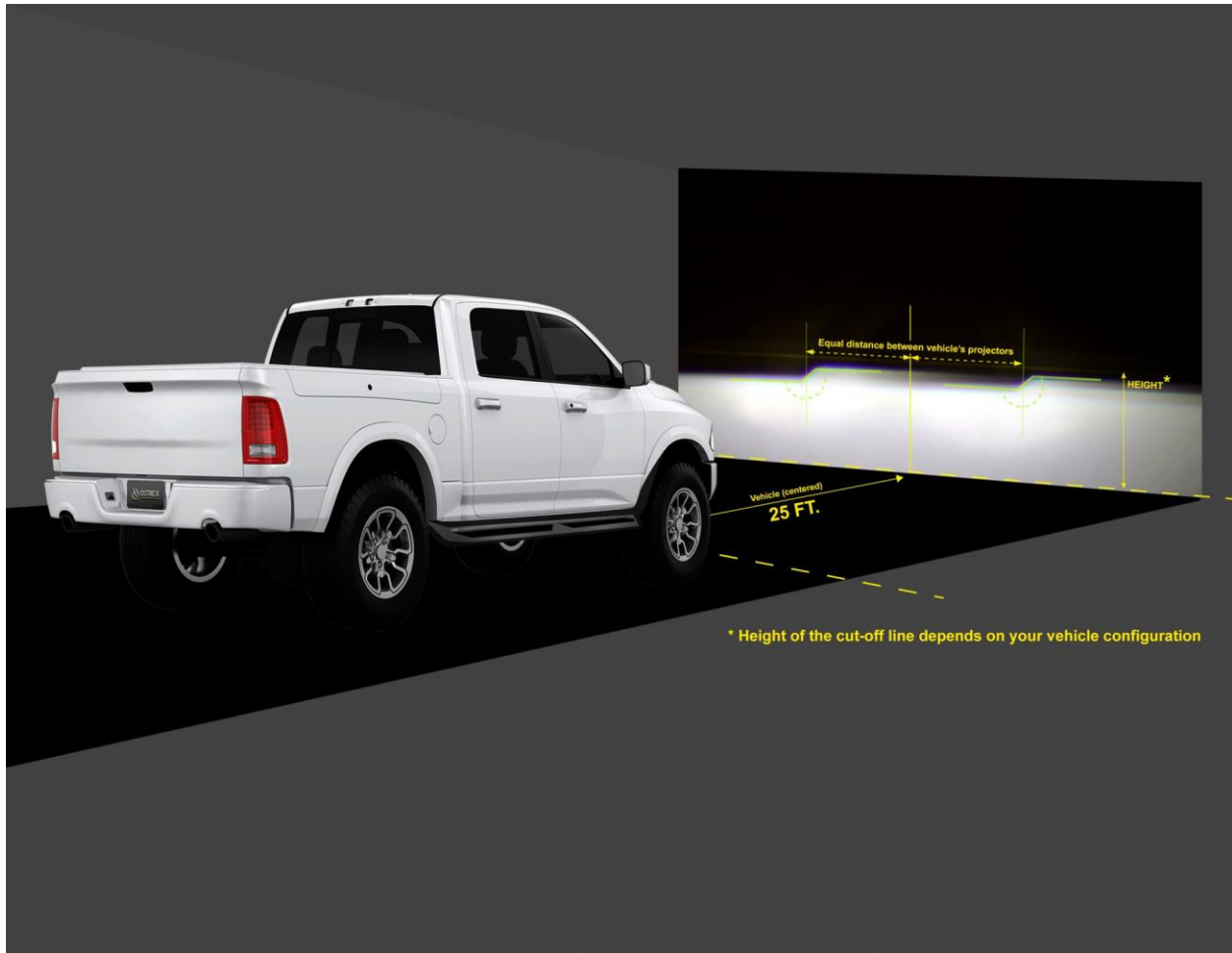
Vertical adjustment

Clockwise to aim to the left

Counterclockwise to aim to the right

*Please follow the same procedure for the other headlight.*





## COMPLETE INSTALLATION

Congratulations! you have completed the installation for ALPHAREX 2007-13 Toyota Tundra / 2008-17 Toyota Sequoia Headlights.



**End of installation guide**