

Installation Guide for 2016-23 Toyota Tacoma NOVA-Series LED Headlights

ALPHAREX specializes in designing and producing superior and uniquely stylish aftermarket automotive performance lighting with unrivalled innovative technology. This installation guide takes you through the step-by-step process of installing your new **ALPHAREX HEADLIGHTS** for your 2016-23 Toyota Tacoma

DO NOT USE DIELECTRIC GREASE!



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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.

PART I REMOVE AND INSTALL HEADLIGHTS

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



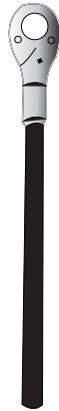
Metal Panel Popper



Flat Screwdriver



Phillips Screwdriver



1/4 Ratchet



1/4 Extension

10mm



Socket

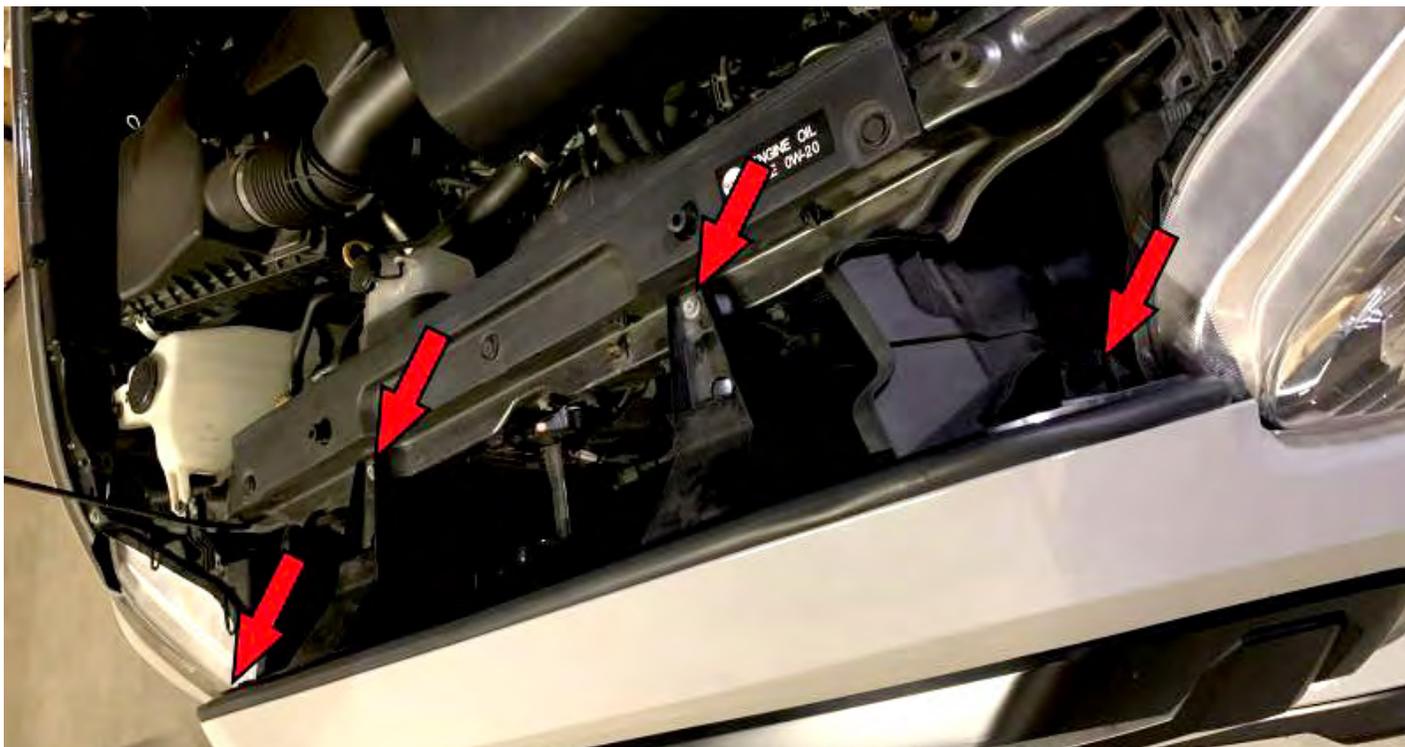
STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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



STEP 2. FRONT GRILLE REMOVAL

Unscrew the two 10mm bolts and remove the two plastic retainers.

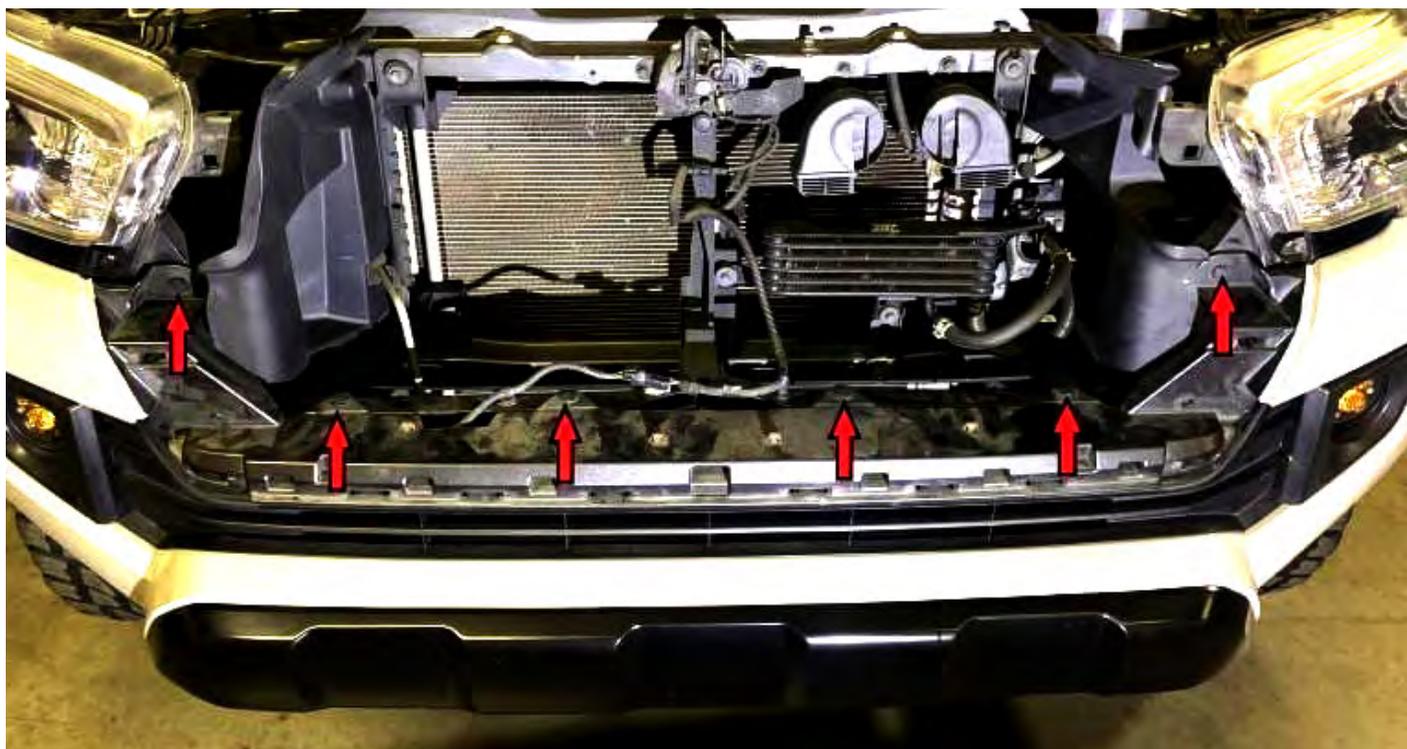


Gently pull the grille towards the front of the vehicle to remove it.



STEP 3. PLASTIC RETAINERS REMOVAL

Unfasten the 6 plastic retainers to remove them.



STEP 4. REMOVE BUMPER SCREWS

Take out the 10mm screws (indicated by the red arrow) and the plastic clips (indicated by the green arrow) by turning them 90 degrees. Repeat this process on both sides of the front bumper.



STEP 5. GAIN ACCESS TO HEADLIGHT BOLTS

If your Tacoma is fitted with fender flares, unclip them from behind and detach the front part of the flares. Remove the upper half of the bumper to access the 10mm bolts at the bottom side of the headlights.



STEP 6. REMOVE HEADLIGHTS

Take out the 3 X 10mm bolts from each headlight and remove the headlights from the truck. Repeat the same procedure for the other headlight.



STEP 7. INSTALL ALPHAREX NOVA SERIES LED PROJECTOR HEADLIGHTS



Connect the low beam (green), high beam (yellow), and side marker connectors. For the DRL harness instructions, please refer to Part 2 for detailed guidance.

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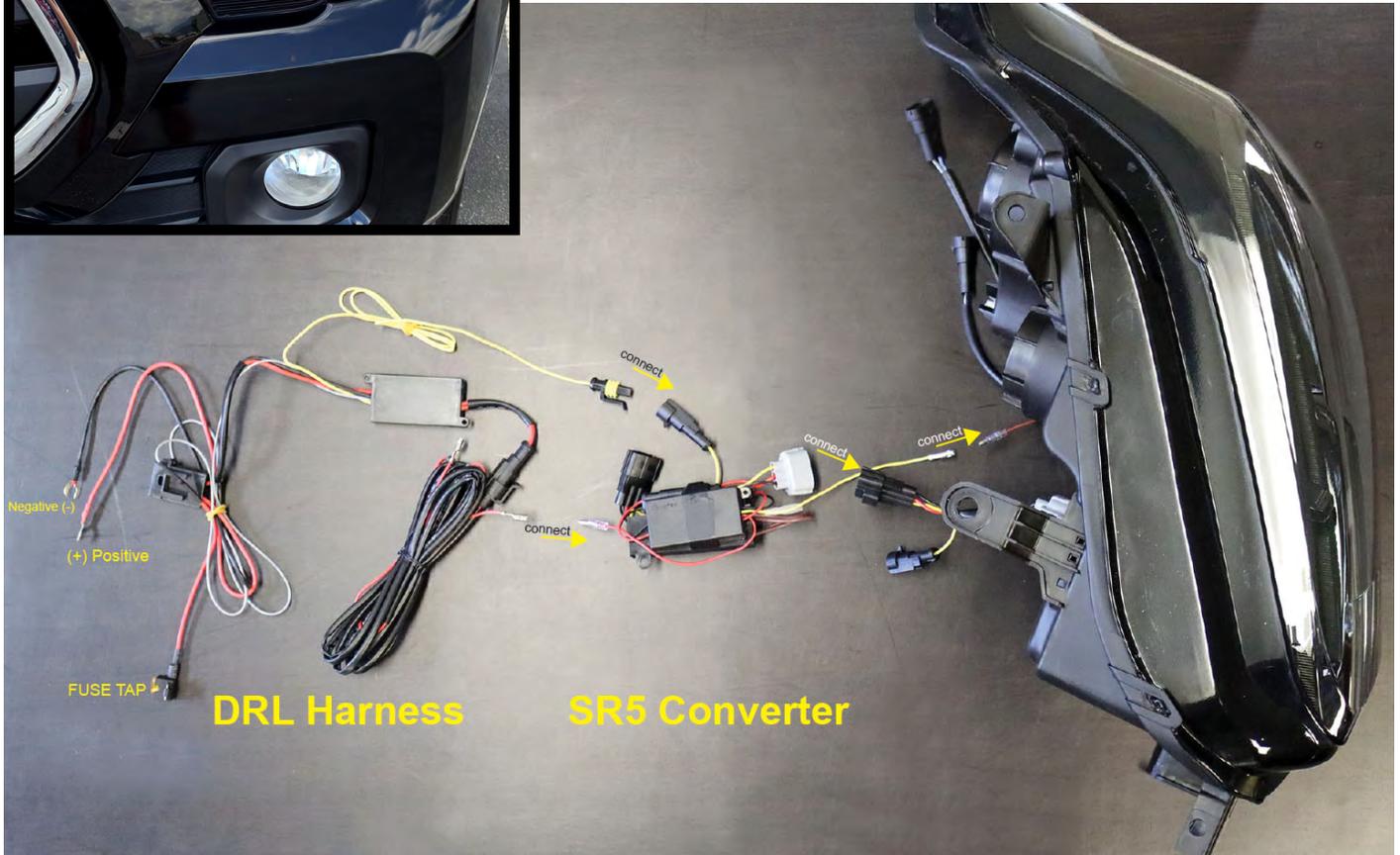


PART II DRL HARNESS / CONVERTER INSTALLATION



For SR/SR5 Model with factory amber DRL

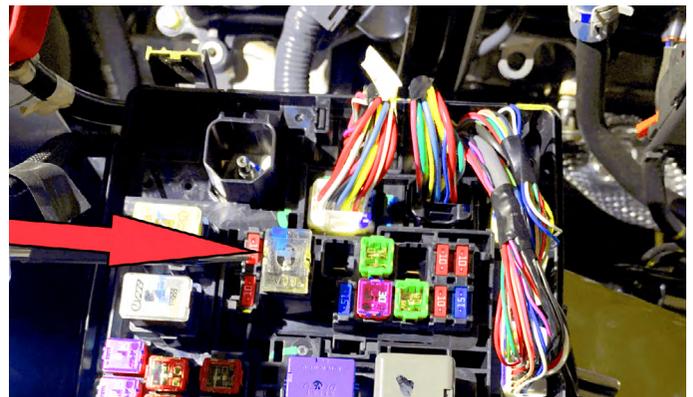
Whenever working on your vehicle, always start by disconnecting the negative battery terminal.



Connect the red wire to the positive terminal of the battery, and the black wire to the negative terminal. Connect the supply SR5 converter to the turn signal connector, with the red wire attaching to the brown pigtail from the headlight. The second red wire will link to the wire from the DRL harness. For the yellow wire from the DRL harness, connect it to the driver-side yellow plug on the turn signal socket; leave the passenger-side yellow plug unplugged. **DO NOT USE DIELECTRIC GREASE!**

TAP THE FUSE

Tap the grey wire into the INJ fuse with the supplied fuse holder.



For TRD model with halogen low beam and LED DRL



You can wire up the TRD model with or without the DRL harness. With the DRL harness installed, the difference is you will also have the activation light feature with the key fob.

1) Using the TRD converter without DRL harness, it will be plug and play, the yellow/black converter connects to the turn signal socket from the headlight. The single red wire converter will connect to the brown wire pigtail from the headlight.

2) Using the TRD converter and DRL harness, Connect the Red wire with ring to the battery positive, the black wire with ring to the battery negative, the fuse tap into the INJ fuse, the yellow wire from the DRL harness, it connect to the driver side yellow plug on the turn signal socket, passenger side yellow plug will be leave unplug, and connect the two red wire to the headlight brown pigtail, one for each headlight.

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For TRD model with full LED headlights

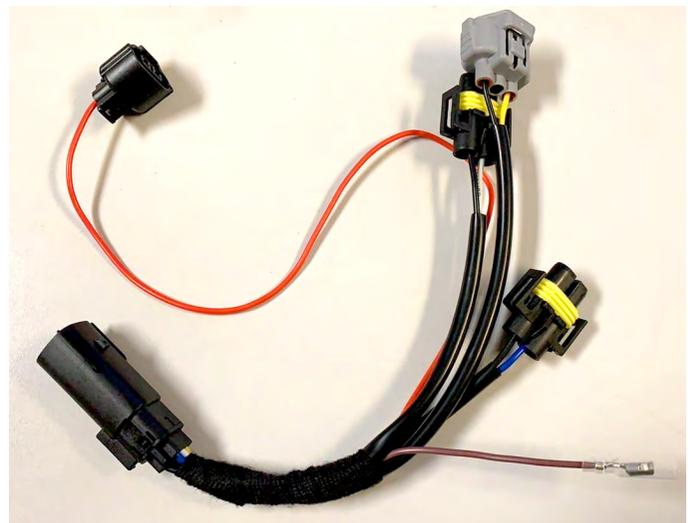
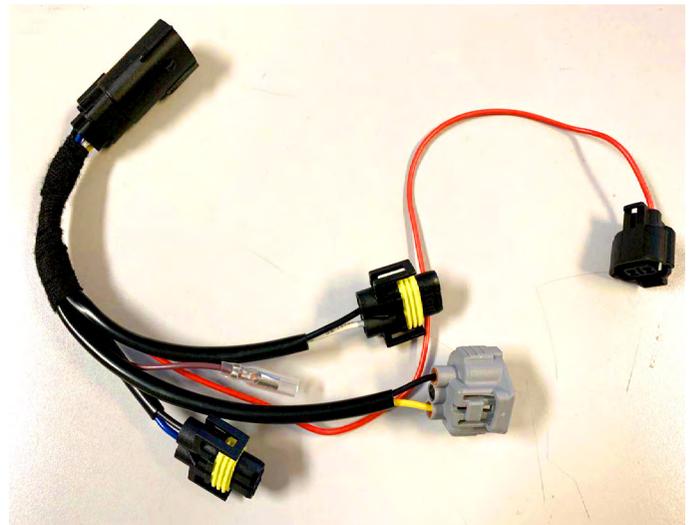


You can wire up the TRD model with or without the DRL harness. With the DRL harness installed, the difference is you will also have the activation light feature with the key fob.

1) Using the TRD full LED converter without the DRL harness, it will be all plug and play for all wires.

2) Using the TRD full LED converter with DRL harness. For the DRL harness, connect the Red wire with ring to the battery positive, the black wire with ring to the battery negative, the fuse tap into the INJ fuse, the yellow wire from the DRL harness, it connect to the driver side yellow plug on the turn signal socket, passenger side yellow plug will be leave unplug. connect the two red wire to the headlight brown pigtail, one for each headlight. For the brown wire from the TRD full LED converter, we will just leave that unplug.

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ADJUST HEADLIGHT LEVEL

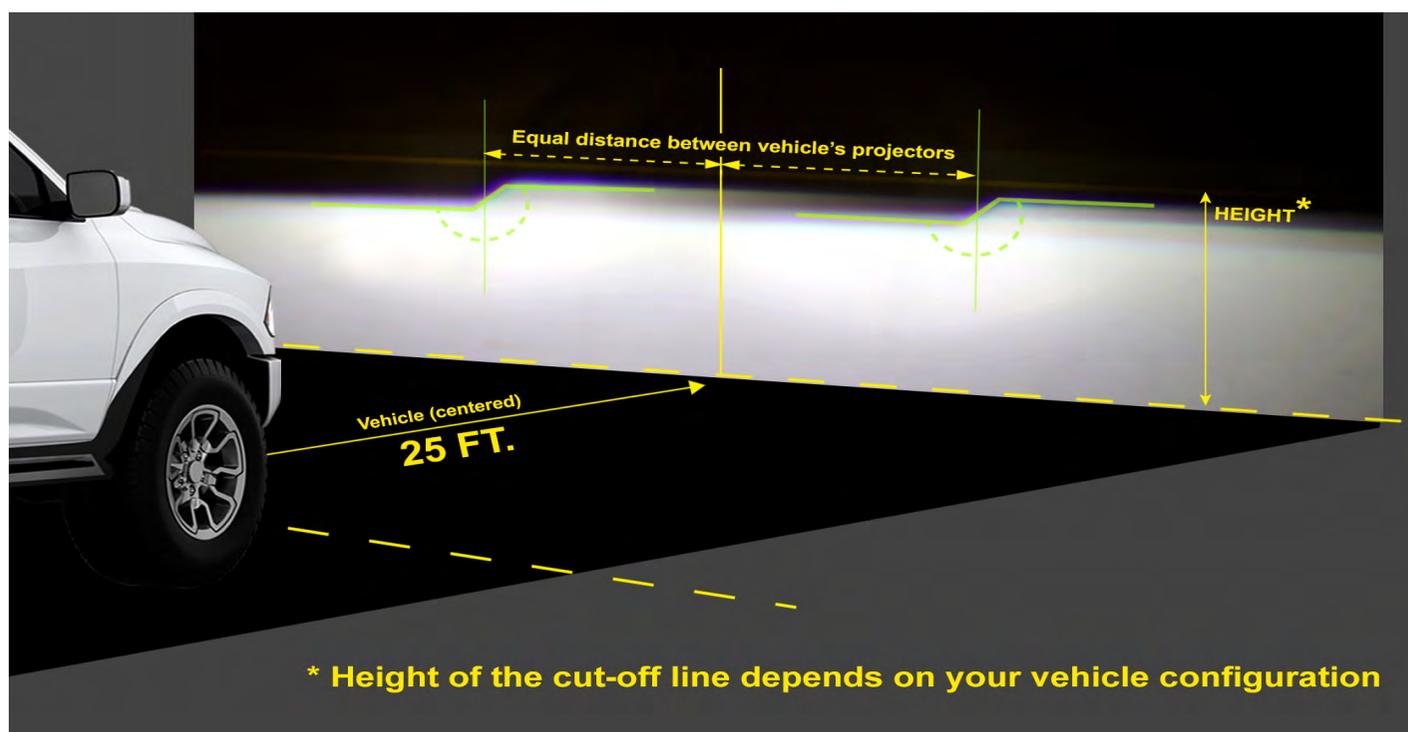
Once everything has been tested, aim your ALPHAREX headlights by parking 25ft from a wall and level the headlight evenly.

Clockwise: raise the output level

Counterclockwise: lower the output level



Once you've achieved the desired light output level, proceed to reinstall the headlights by following the reverse steps of the removal process.



Congratulations! You have completed the installation for ALPHAREX **16-23 Toyota Tacoma**
NOVA-Series HEADLIGHTS.

