Installation Guide for 02-05 Dodge Ram Headlights

Posted by arexusa

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Comments Offon Installation Guide for 02-05 Dodge Ram 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 HEADLIGHT BOLTS AND SCREWS**
- **REMOVE THE HEADLIGHTS**
- **UNPLUG THE HEADLIGHTS**
- **PART II - Install Headlights**

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INSTALLATION TOOLS

Plastic Panel Popper

1/4 Ratchet

Power Tool

NOTE: When using power tools, always ensure that you do not overtighten the screws.

Phillips Screwdriver

Flat Screwdriver

1/4 Extension

Socket

Size NEEDED

10mm

4mm

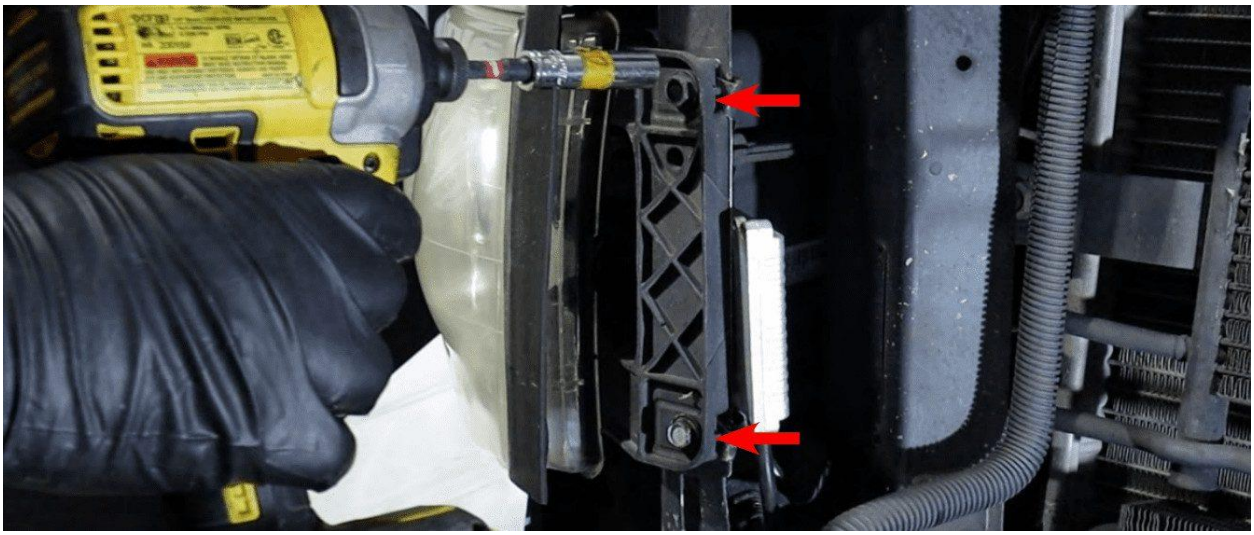
PART I - Remove Headlights

DISCONNECTING THE NEGATIVE BATTERY TERMINAL

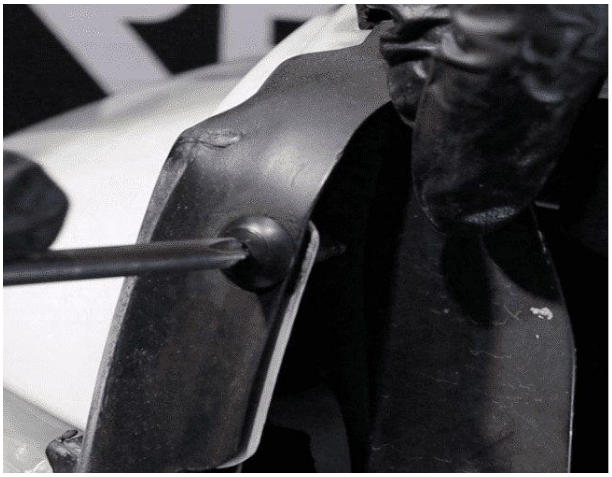
Whenever working on your vehicle, always start by disconnecting the negative battery terminal.

REMOVE THE HEADLIGHT BOLTS AND SCREWS

Lift the hood and begin by removing the 2 X 10mm bolts securing the headlight.



Take out the 2 plastic retainers by utilizing a screwdriver.



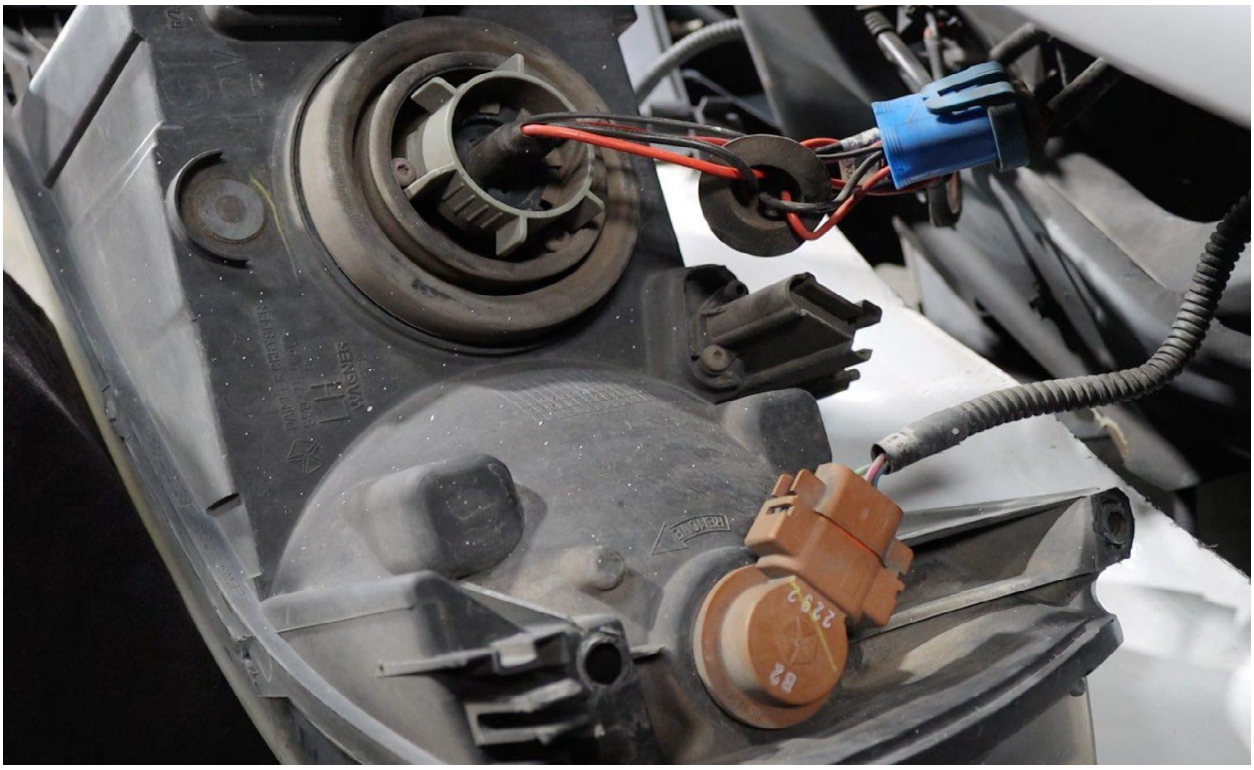
Utilize an extension to remove the 10mm bolt located at the bottom of the headlight. Repeat the same steps to remove the headlight on the other side.

REMOVE THE HEADLIGHTS

Once the headlight bolts are removed, use a panel popper to assist in removing the headlamps. Carefully pull the headlights outward towards you to release them.

UNPLUG THE HEADLIGHTS

Disconnect the light sockets to finalize the headlight removal. Repeat the same steps for the other side of the headlight.

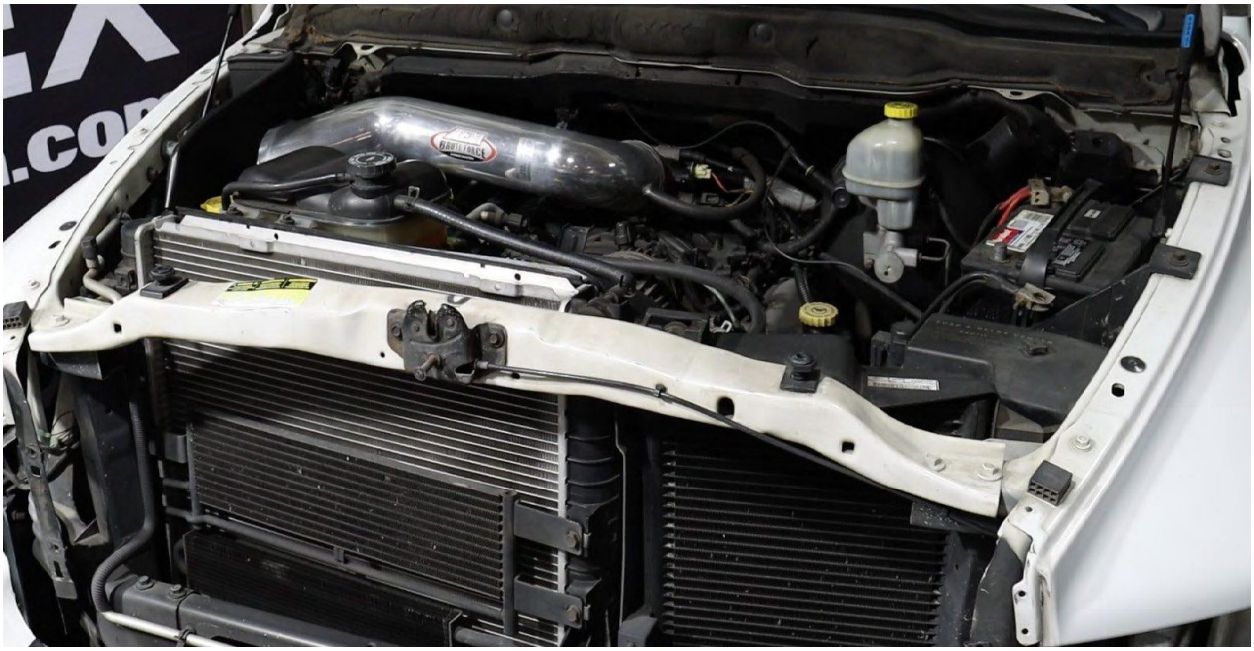


PART II - Install Headlights

INSTALL ALPHAREX HEADLIGHTS

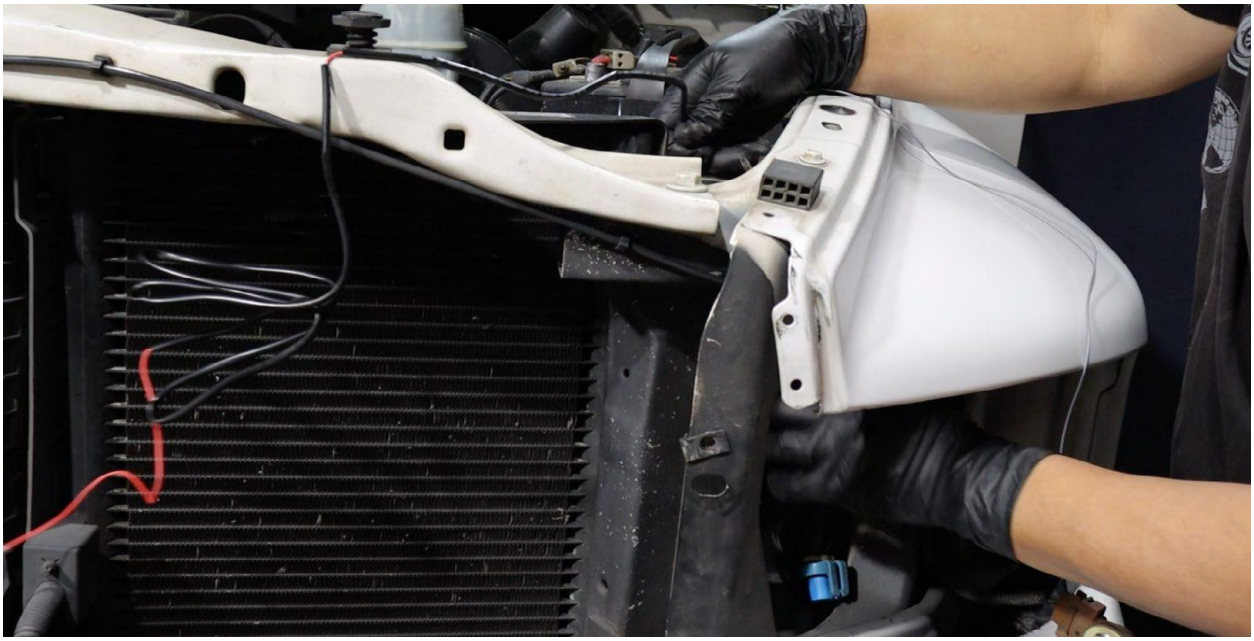
ROUTE THE DRL WIRES

Start routing the DRL wires from the driver’s side, which is closest to the battery and fuse box.



Connect the red wire to the battery’s positive terminal and the black wire to the battery’s negative terminal or the 10mm bolts on the firewall.

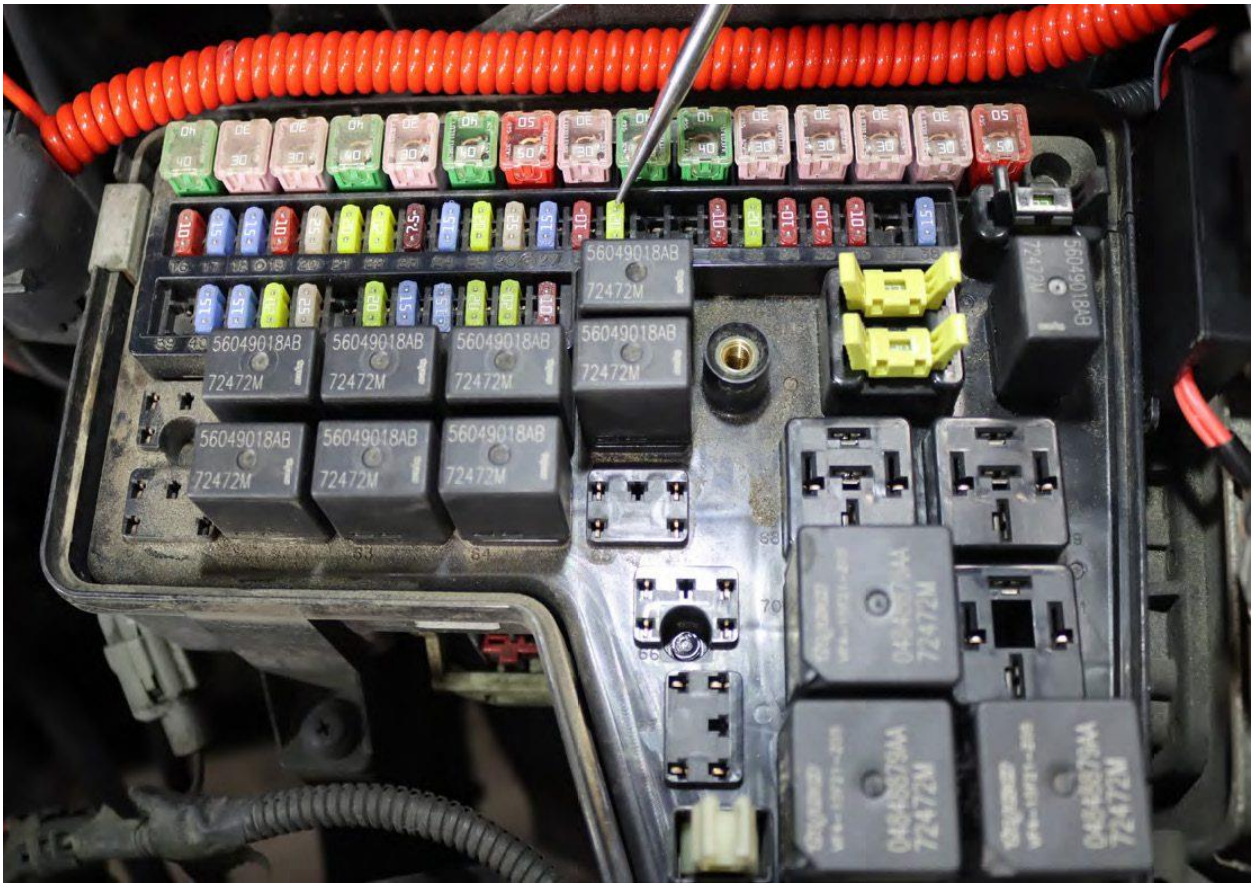
Guide the DRL wires to both sides of the headlights.



TAP THE FUSE

Access the fuse box and find fuse #29 (20A) for the Cigarette lighter.

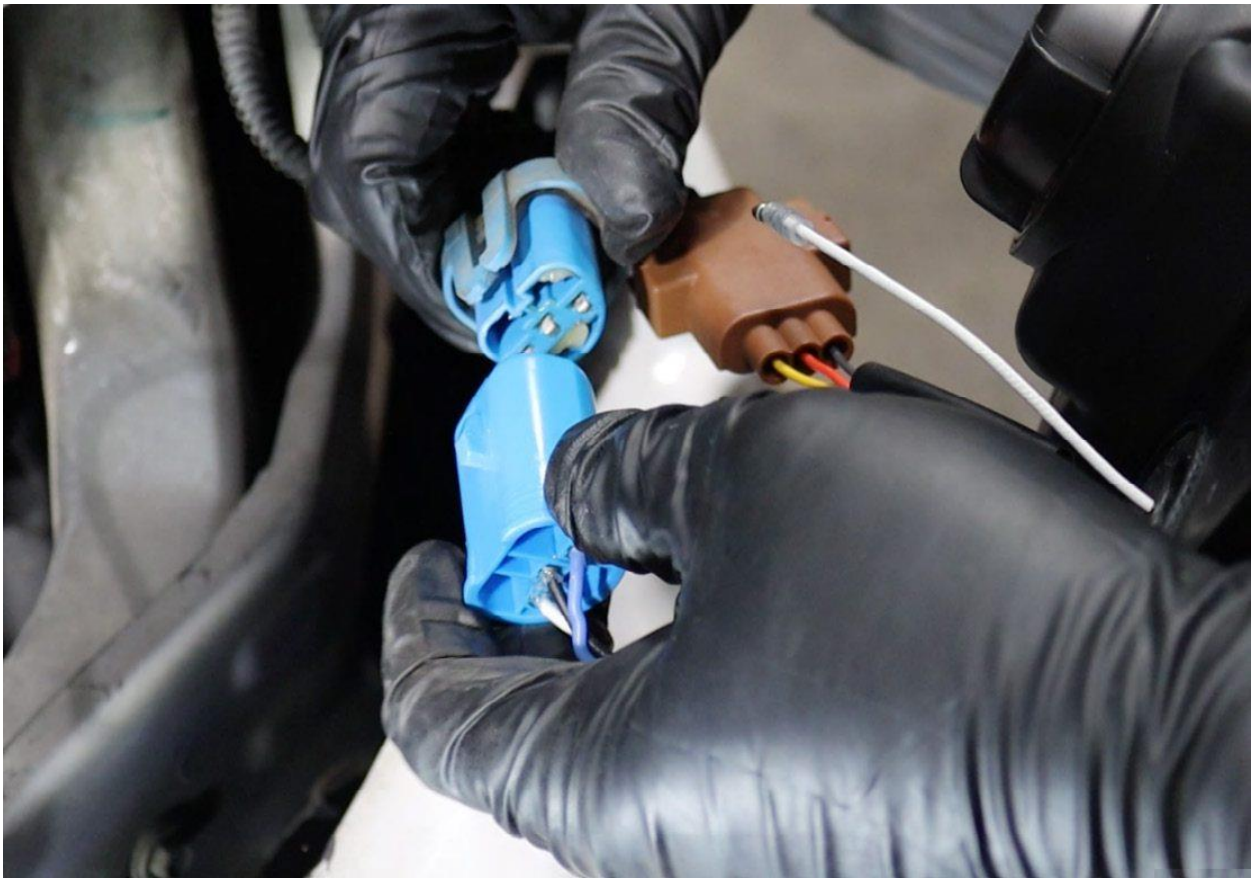
FUSE & RELAY
CAUTION



Crimp the gray wire from the harness to the fuse tap and connect it to fuse #29 (20A). After completing this step, route the wire and close the fuse box cover.

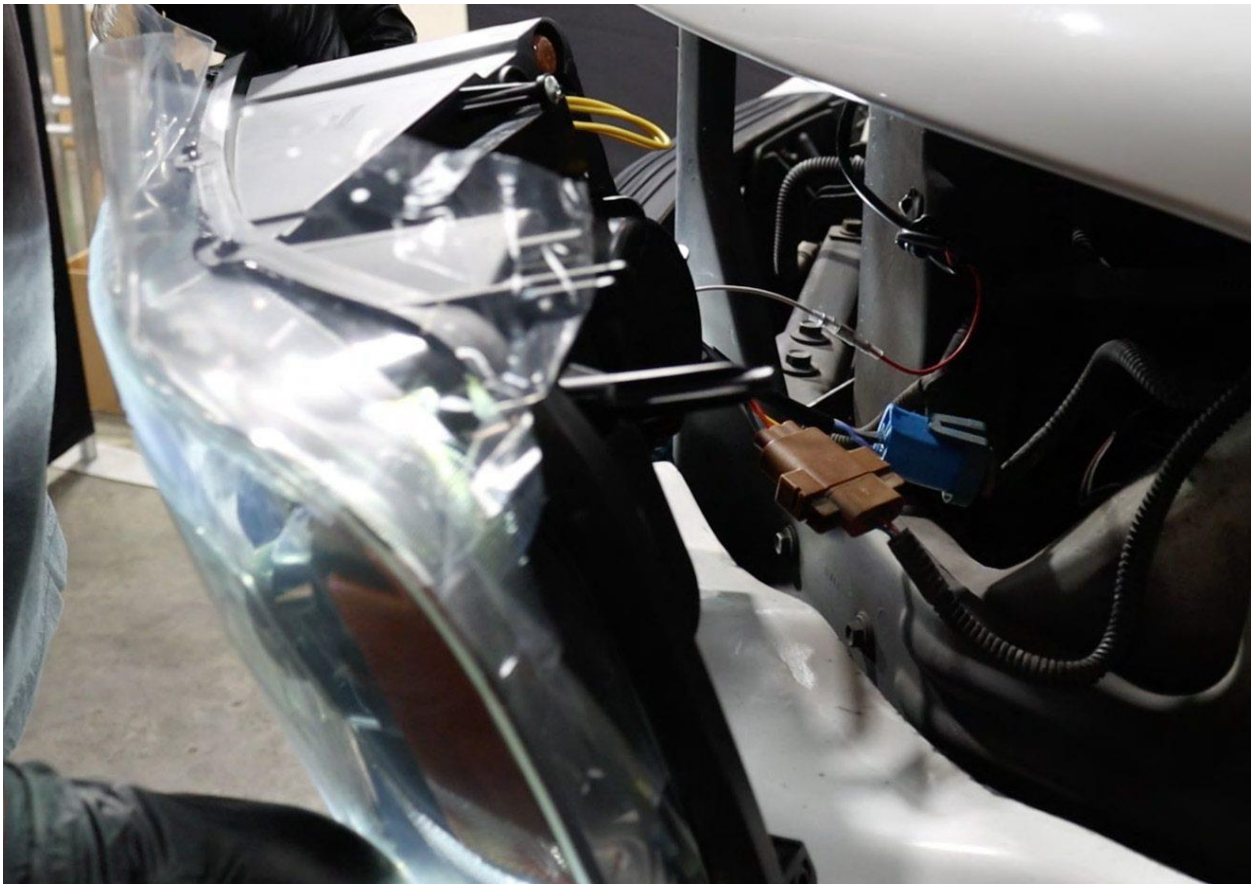
PLUG AND INSTALL THE HEADLIGHTS

Connect the wires into the new ALPHAREX headlights. DO NOT USE DIELECTRIC GREASE!

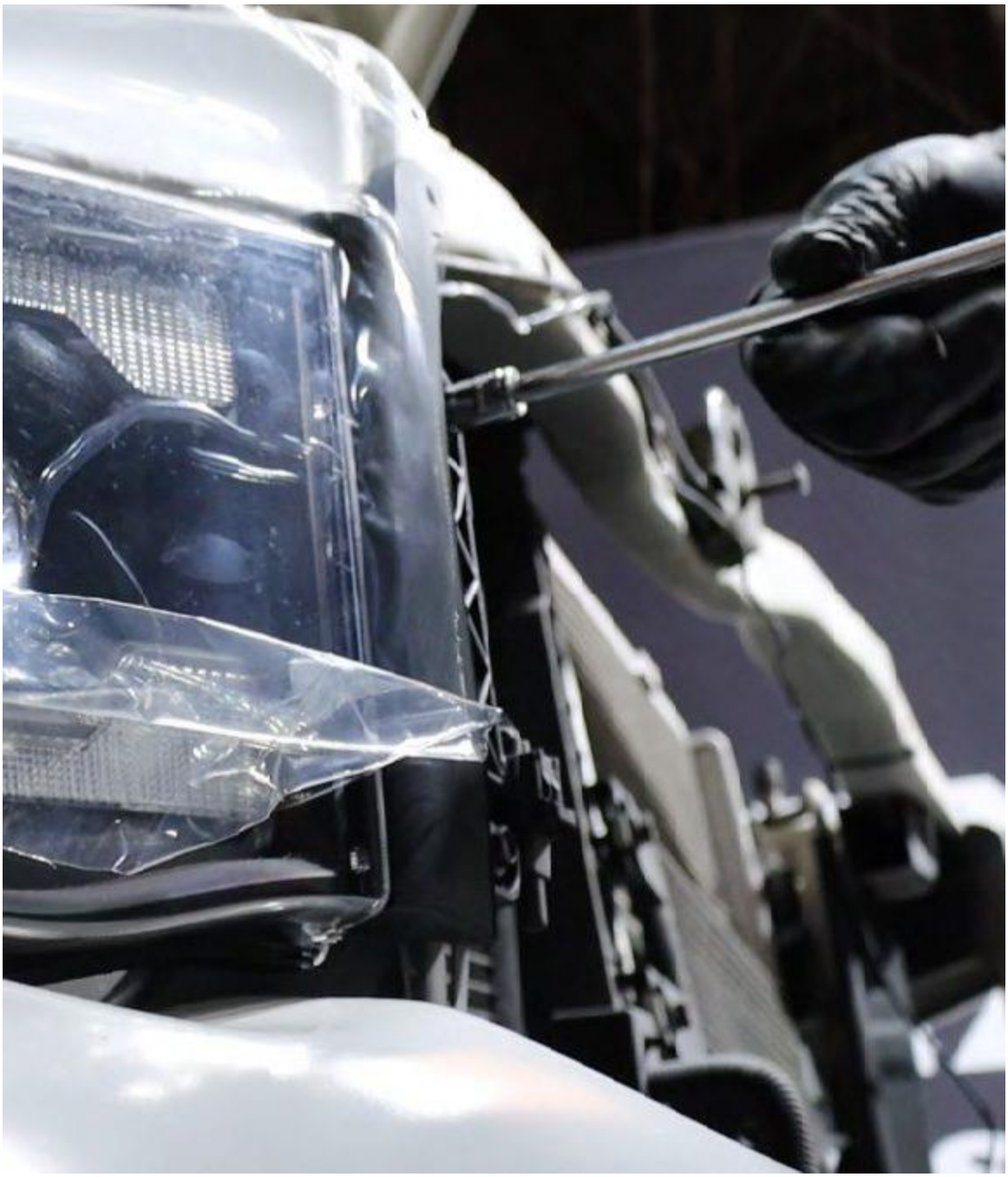


Secure the harness to the daytime running light connection on the back of the headlight. Repeat the same steps for the other side of the headlight.

Complete the installation by securing the headlights onto the truck.



Follow the reverse order of the headlight removal process to complete the installation.



TEST THE HEADLIGHT FUNCTIONS

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

ADJUST HEADLIGHT LEVEL

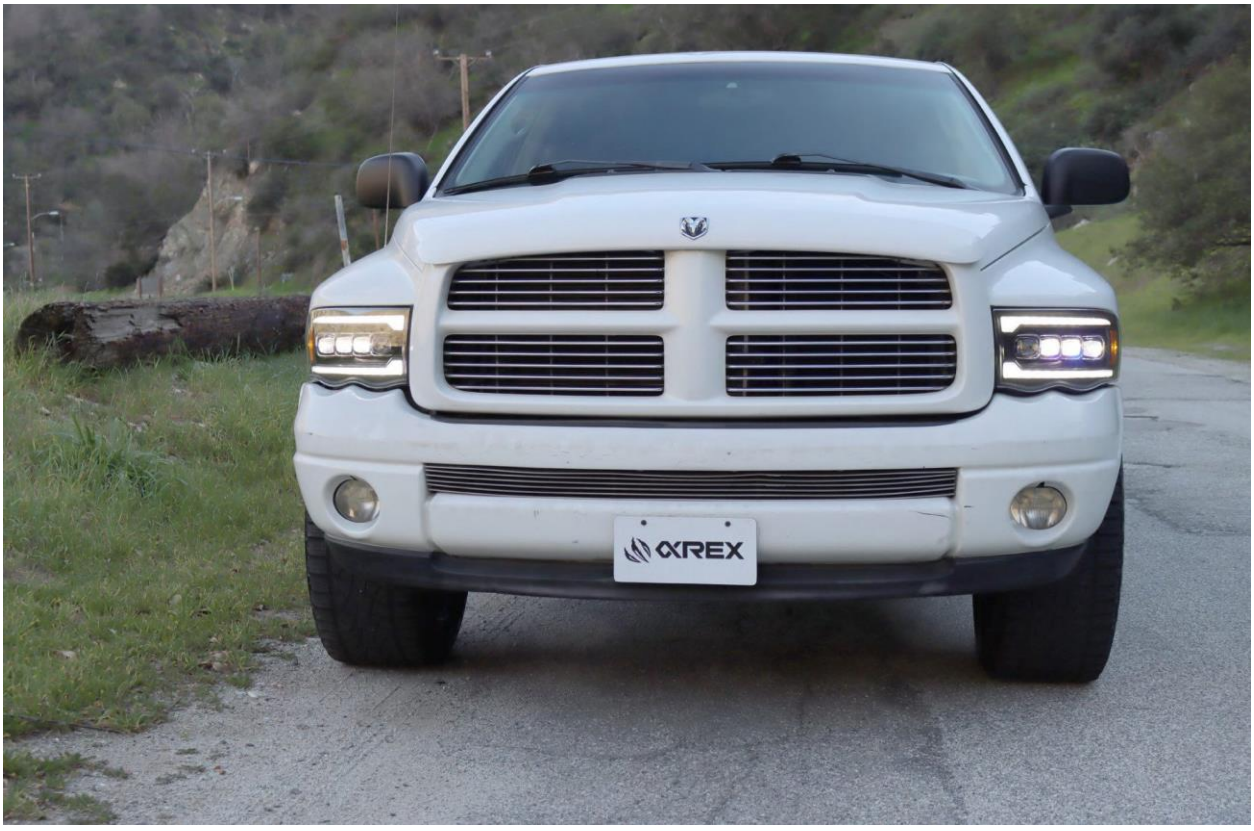
Once everything has been tested, aim your ALPHAREX headlights by parking 25ft from a wall and level the headlight evenly.

VERTICAL LEVEL ADJUSTMENT

HORIZONTAL LEVEL ADJUSTMENT

COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX 02-05 Dodge Ram HEADLIGHTS.



End of installation guide