



Installation Guide

94-01 Dodge RAM Headlights



This installation guide provides a detailed, step-by-step process for installing your new Alpharex Headlights on a 94-01 Dodge RAM.

DO NOT USE DIELECTRIC GREASE / REMOVE ANY DEBRIS OR ANY PRE-EXISTING GREASE OR WEATHER SEALANT

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Tools needed:

- T30 torx
- Panel remover
- Clip remover
- 10mm socket

Step 1 - Remove the OEM headlights

- To remove the OEM headlights, you'll first need to take off the lower bumper. Start by opening the hood.



- Next, move to the outside of the bumper—there will be **three T30 Torx screws** on each side that need to be removed.



Step 1 - Remove the OEM headlights

- Now move to the bottom of the bumper, where you'll find **seven T30 Torx screws** that also need to be removed.



- While you're at the bottom, take this time to **disconnect and remove the fog lights** from the bumper as well.

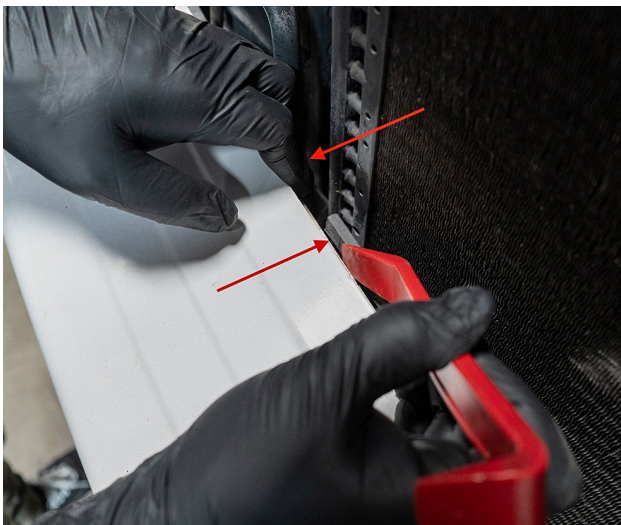


Step 1 - Remove the OEM headlights

- Now, gently pull back the **edges of the bumper** to separate them from the body of the vehicle.



- Fully remove the bumper by using a **panel remover tool** to unclip it from the body. Push back on each clip while gently pulling the bumper outward to release it safely. Once all clips are released, the bumper can be completely removed.



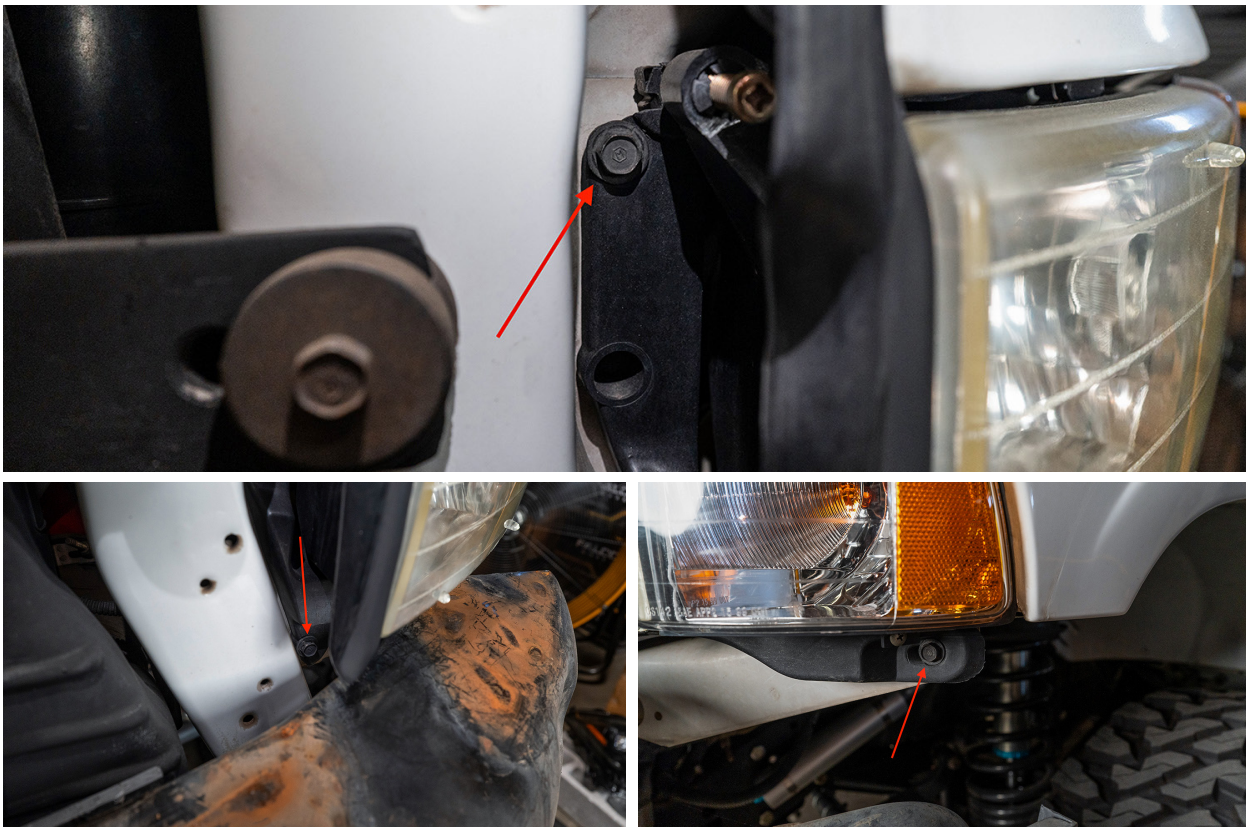
Step 1 - Remove the OEM headlights

With the bumper removed, you can now take out the headlights. Each headlight is secured by **three 10mm bolts** and **three clips** that will need to be removed to fully detach the light.

- Begin by removing the clips on the rubber seal on the inner part of the light.



- Now, remove the **three 10mm bolts** securing the headlight in place to fully detach it from the vehicle.



Step 1 - Remove the OEM headlights

- With the headlight loosened, you can now carefully pull it back and **unplug the connectors from the vehicle**. All bulbs can remain in the OEM housing, as they will **no longer be used** with the new Alpharex headlights.



- And now, with the OEM headlight removed, you're ready to **install the new Alpharex headlights**.

Step 2 - Install the Alpharex headlights

Now we can install the AlphaRex headlights.

There is an **optional DRL harness** that can be installed to activate the daytime running lights when the vehicle is on.

Additionally, if your vehicle is a **Sport model**, there is a **plug on the back of the headlight** that will require modification for proper functionality.

Please make sure to follow the included **Sport model-specific guide** carefully to complete this step correctly.

IMPORTANT: Remove Locking Pin Before Installation

- Before beginning installation, unthread the alignment/locking pin (circled in red) from the back of the headlight housing. You will likely need to install and remove the headlights multiple times during the aiming process for the projector lenses. Removing this pin in advance will make that process significantly easier.



Step 2 - Install the Alpharex headlights

- Once you've finalized the projector aim and confirmed all headlight functions are working correctly, you may re-install the pin before completing the final installation. If the headlights ever need to be removed again, be sure to do so carefully and slowly to avoid damage near the locking pin area.
- Note: Re-installing the pin is optional. It is not required for structural support, but it does help with alignment during installation.

Sport:

- For **Sport model vehicles**, a small modification is required to ensure proper functionality. On the back of the headlight, you'll find two labeled cables: one marked "**Sport**" and the other "**Non-Sport**."



Step 2 - Install the Alpharex headlights

- To enable correct operation on a Sport model, simply disconnect the Non-Sport plug and connect the Sport plug in its place. This ensures the wiring matches your vehicle's configuration.



- When installing the headlight on a **Sport model**, you will only need to use the **blue plug**—the **black plug** should be left **unplugged**. Everything else will plug like a non-sport.



Step 2 - Install the Alpharex headlights

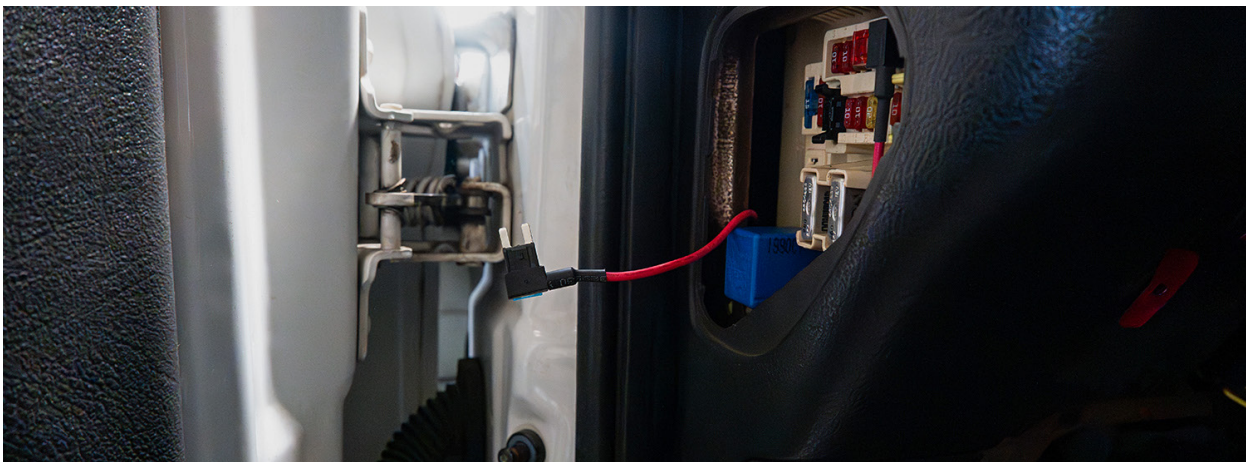
Optional: Install DRL harness

Although the DRL harness is optional, we **highly recommend installing it** to take full advantage of all the features your AlphaRex headlights offer—such as a **brighter daytime running light, start-up sequence upon unlock, and DRL functionality at all times.**

- To begin installing the DRL harness, start by connecting the **positive (red)** and **negative (black)** terminals directly to the **vehicle's battery**.



- Next, you'll need to **route the fuse tap into the cabin** and connect it to the **fuse box located near the driver-side door.**



Step 2 - Install the Alpharex headlights

- Tap the DRL harness into the **cigarette lighter circuit (Fuse #15)** in the driver-side fuse box: remove the factory fuse, insert it into the fuse tap, then plug the tap back into slot #15.



- Now, head back to the engine bay to **route the red wires** from the DRL harness:

- One red wire will **stay on the driver side** and connect directly to the headlight.
- The other red wire should be **routed across the engine bay** to the **passenger side headlight**.

- Be sure to secure the wires neatly along the factory wire paths using zip ties, keeping them away from heat sources and moving components.



Step 2 - Install the Alpharex headlights

- Once the red wires are properly routed they will connect to the **single-prong red DRL wire** on the **back of each headlight**.



Install the headlight:

- Now that all wiring is in place, we can begin **installing the headlight**.
- Bring your AlphaRex headlight close to the wiring and begin connecting all the plugs to the back of the light.
 - On **non-Sport models**, there will be **two plugs** from the vehicle that connect directly to the headlight.
 - On **Sport models**, there will be **three plugs** (refer to the Sport model installation section for proper configuration).



Step 2 - Install the Alpharex headlights

- After installing the headlights, take a moment to **test all lighting functions** to ensure everything is wired correctly.



- Now that you've confirmed everything is working properly, it's time to **reassemble the vehicle**.

- **Secure the headlights** in place using the previously removed 10mm bolts and clips.
- **Reinstall the front bumper**, making sure all clips, screws, and fasteners are properly aligned and tightened.
- Reconnect any **fog light plugs** and ensure all panels sit flush.



Step 2 - Install the Alpharex headlights

- Once everything is back together, do a final walkaround to double-check and you're all set!

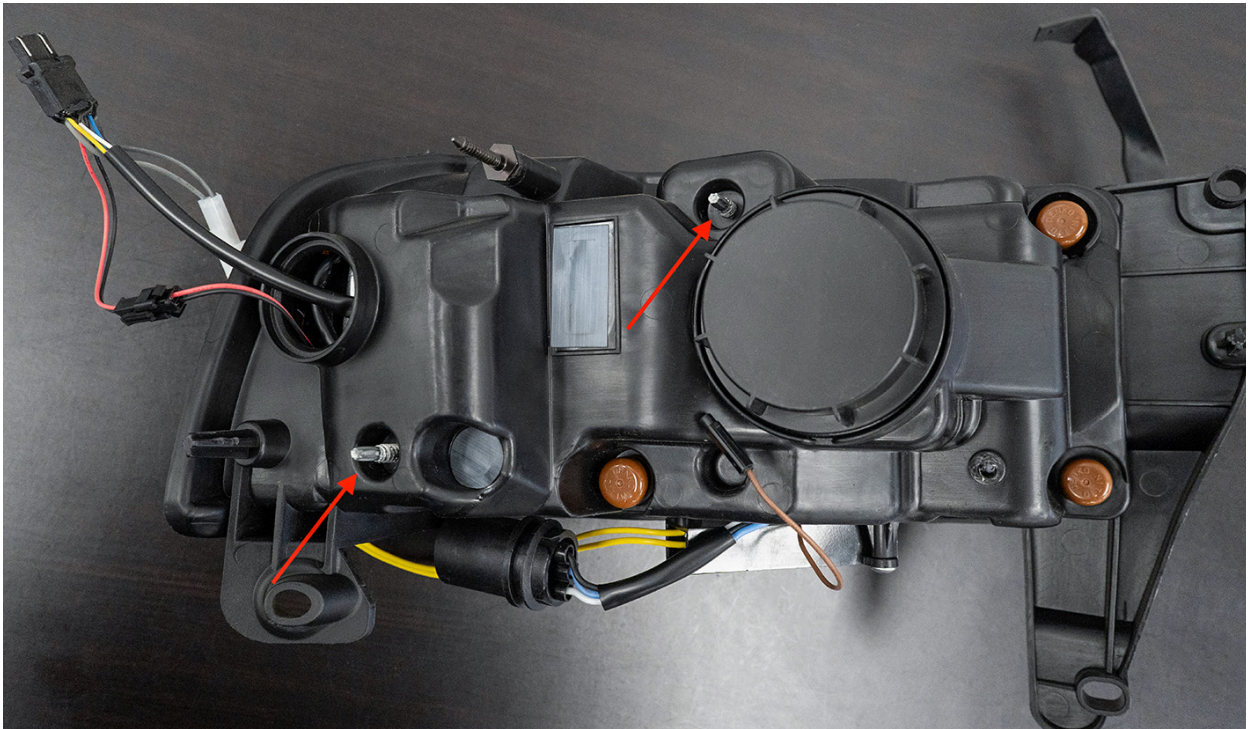


How to Adjust the Headlights:

1. **Park your vehicle** on a flat, level surface facing a wall or garage door, about 20 feet away.

Step 2 - Install the Alpharex headlights

2. **Turn on the low beams** and mark the horizontal and vertical center of each beam pattern on the wall with tape.
3. Open the hood and locate the **headlight adjustment screw** at the rear of the headlight housing, and use a 4mm socket to adjust them (Top screw: Up or Down / Bottom screw: Left or Right).



4. To adjust:
 - **Turn clockwise** to raise the beam or go left.
 - **Turn counterclockwise** to lower the beam or go right.