



Installation Guide for 21-23 Toyota GR86 | Subaru BRZ TRUNK LED LIGHT BAR WITH RELEASE BUTTON

*For this installation, you'll need to cut and trim the upper rear trunk section.
Proceed at your own discretion. Make sure you're comfortable with the process before
proceeding. We highly recommend getting it professionally installed.*

ALPHAREX specializes in designing and producing superior and uniquely stylish aftermarket automotive performance lighting with unrival innovative technology. The following installation guide we take you through the installation of your new **ALPHAREX TRUNK LED LIGHT BAR with release button** for your 21-23 Toyota GR86 | Subaru BRZ step by step. **DO NOT USE DIELECTRIC GREASE!**



Table of Contents

PART I REMOVE UPPER REAR TRUNK SECTION

- **INSTALLATION TOOLS**
- **STEP 1.** Remove the bolts
- **STEP 2.** Remove the upper rear trunk section
- **STEP 3.** Remove the trunk strip trim
- **STEP 4.** Cut and modify the mounting support

PART II INSTALL ALPHAREX TAIL LIGHTS

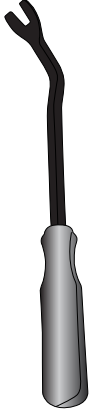
- **STEP 1.** Install the trunk LED Light Bar
- **STEP 2.** Route the wires
- **STEP 3.** Splice the wires
- **STEP 4.** Re-install the tail light
- **STEP 5.** Complete Installation

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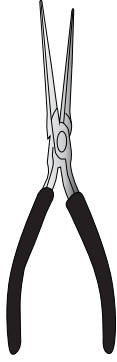
PART I REMOVE UPPER REAR TRUNK SECTION

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal
Panel
Popper



Pliers



Cutter



1/4 Ratchet



1/4 Extension

10mm
8mm



Socket

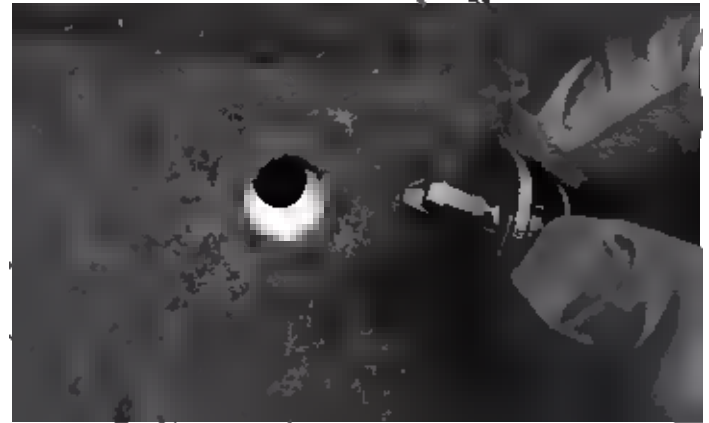
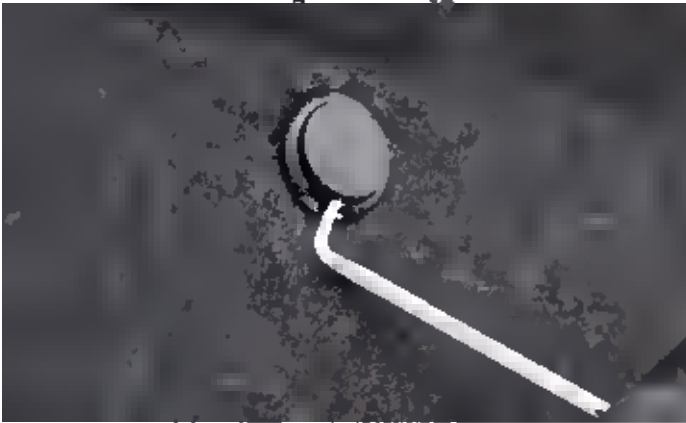
Whenever working on your vehicle always make sure your vehicle is OFF and parked.



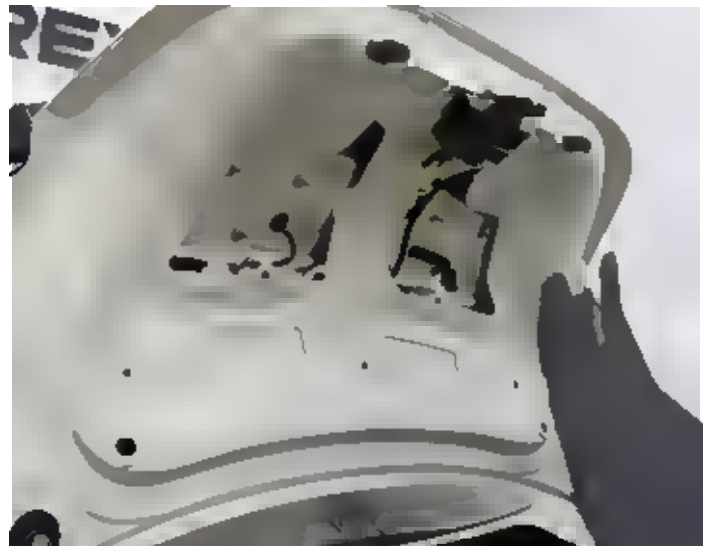
STEP 1. REMOVE THE BOLTS

Begin by opening the trunk and then proceed to remove the cover's plastic clips.

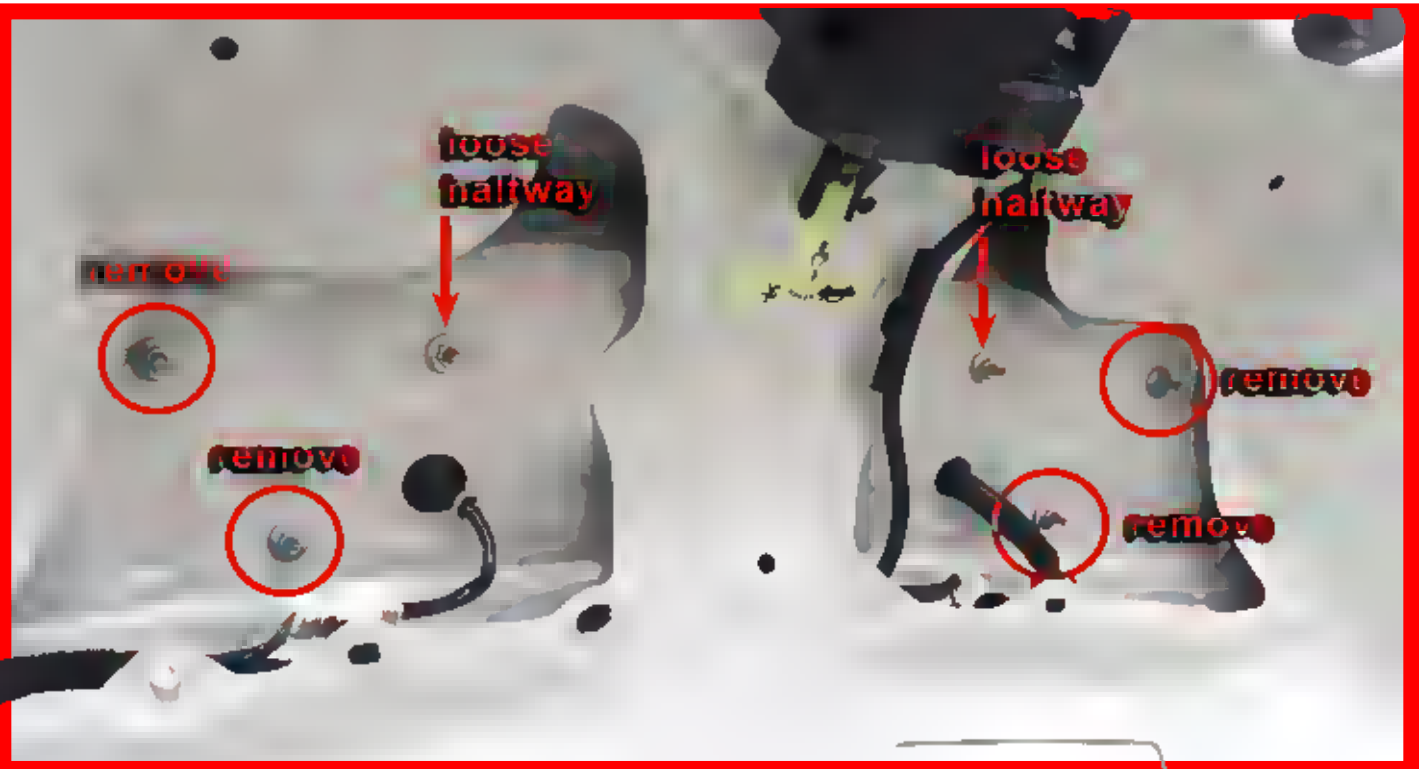




Remove the cover and set it aside for later re-install.



Due to the raised position of the trunk, we will be removing a total of 4 bolts instead of 6 to ensure the upper rear trunk section remains securely in place. Furthermore, the other 2 bolts will be loosened halfway to prevent the trunk section from falling down.





Afterward, take out the two bolts located on each side of the trunk.

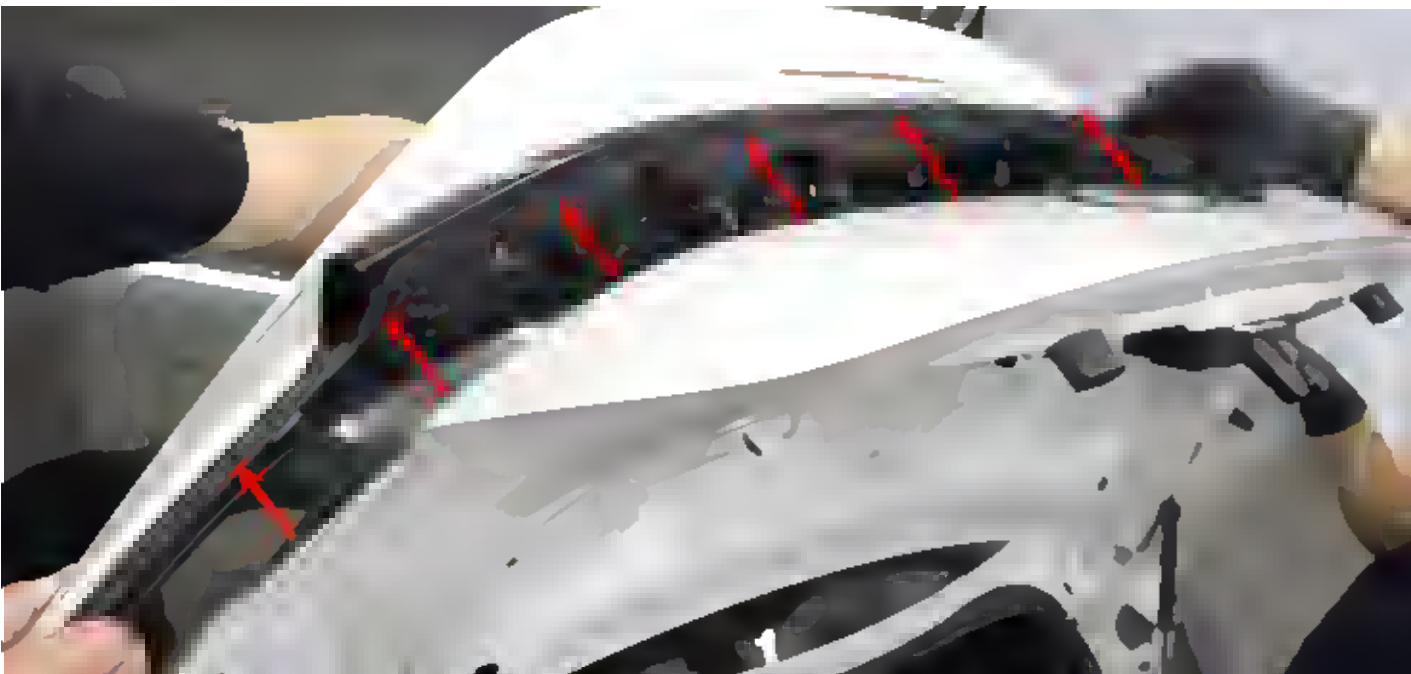


STEP 2. REMOVE THE UPPER REAR TRUNK SECTION

Disconnect the connections from the trunk.



Subsequently, with the aid of additional assistance, begin by simultaneously removing the two partially loosened bolts. While doing so, gently lift the upper rear trunk section and apply upward pressure to smoothly facilitate its removal.



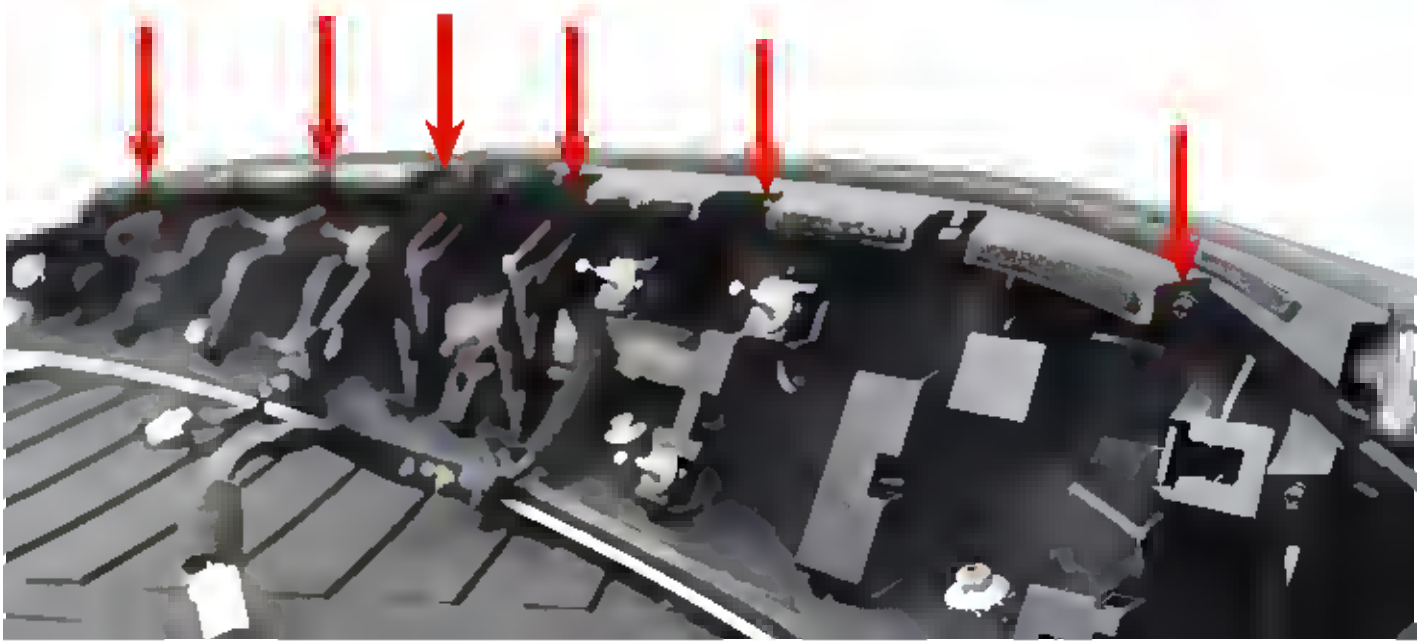


Afterward, carefully set the upper rear trunk section on a designated worktable in preparation for modifications.

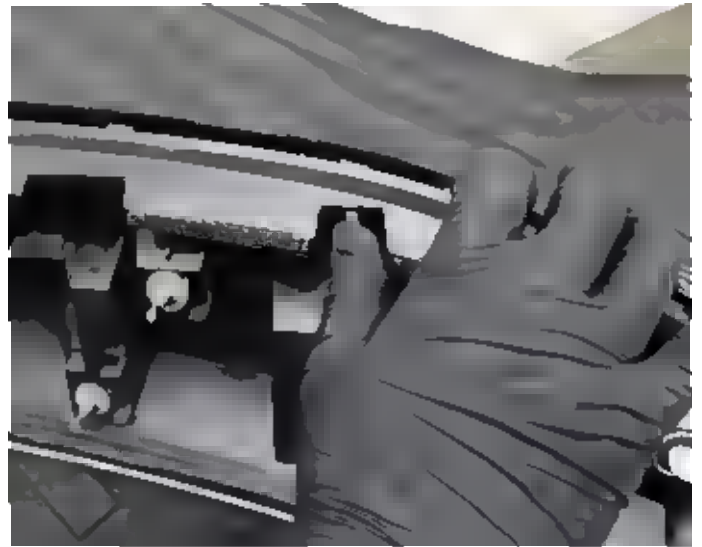
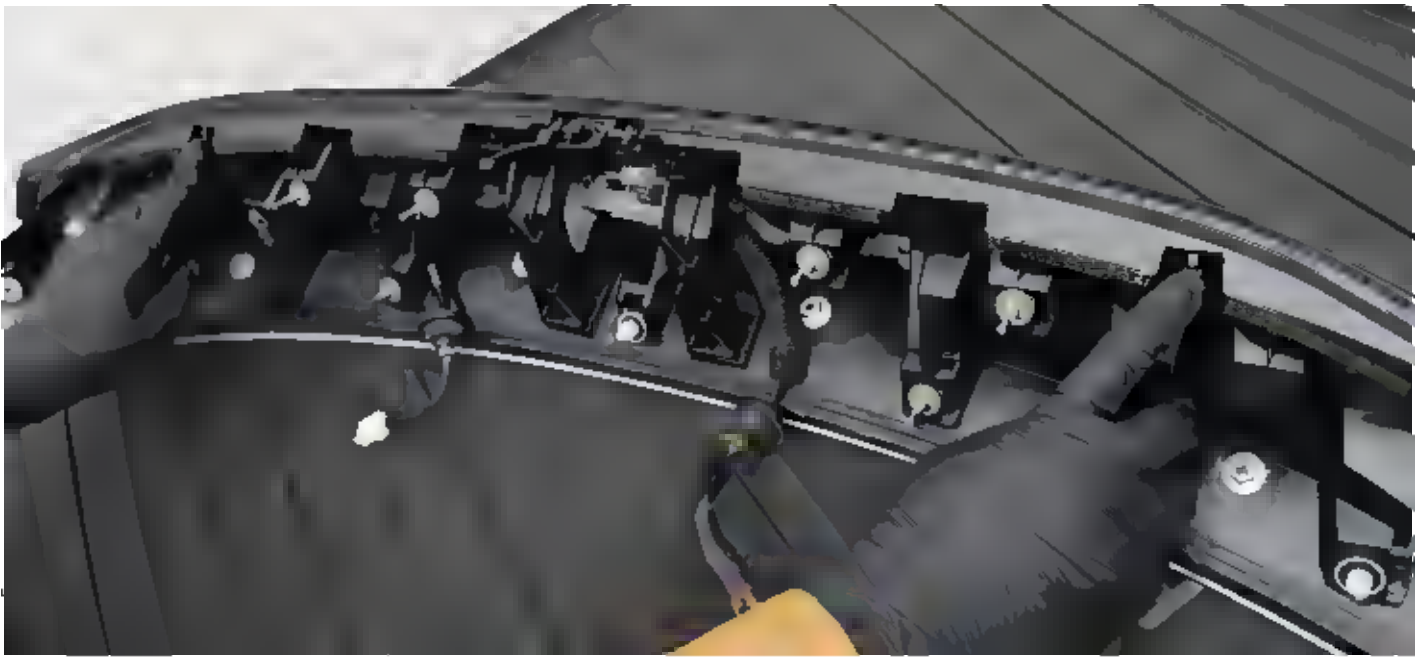


STEP 3. REMOVE THE TRUNK STRIP TRIM

Start by removing the screws located at the rear of the strip trim.

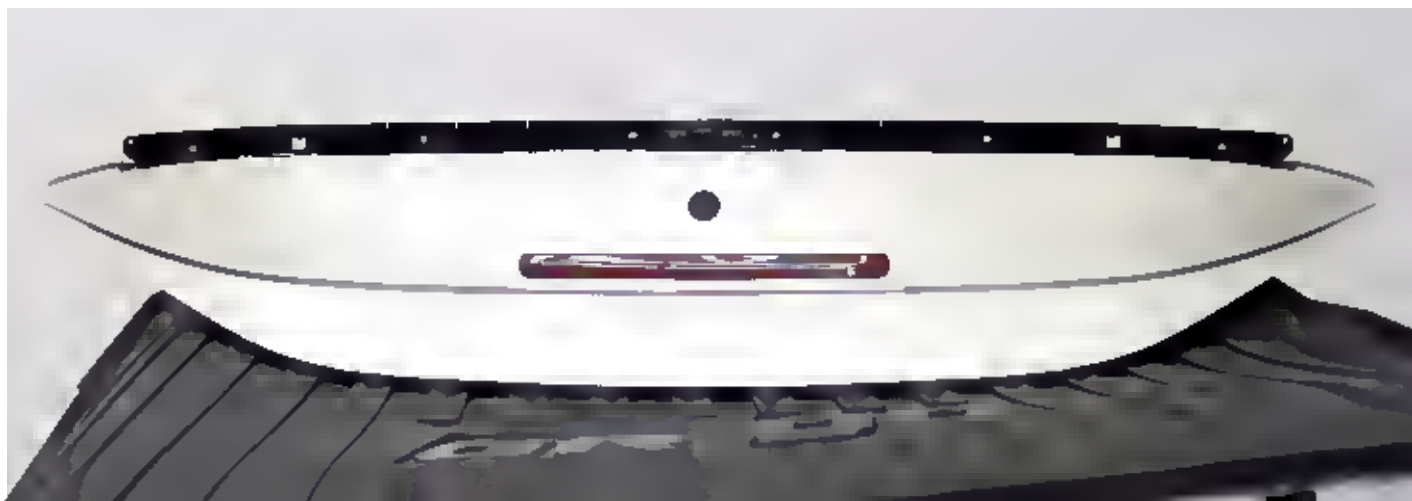


Press the plastic pin downward and forward to detach and remove the strip trim.

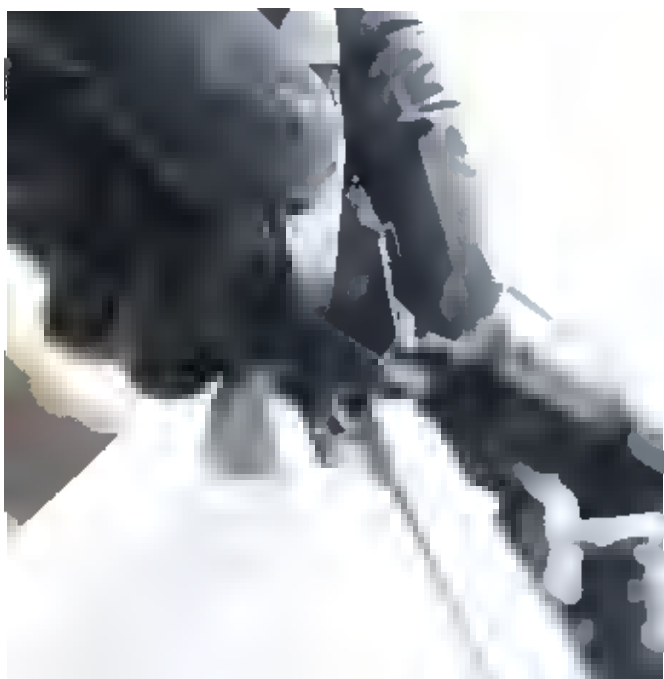


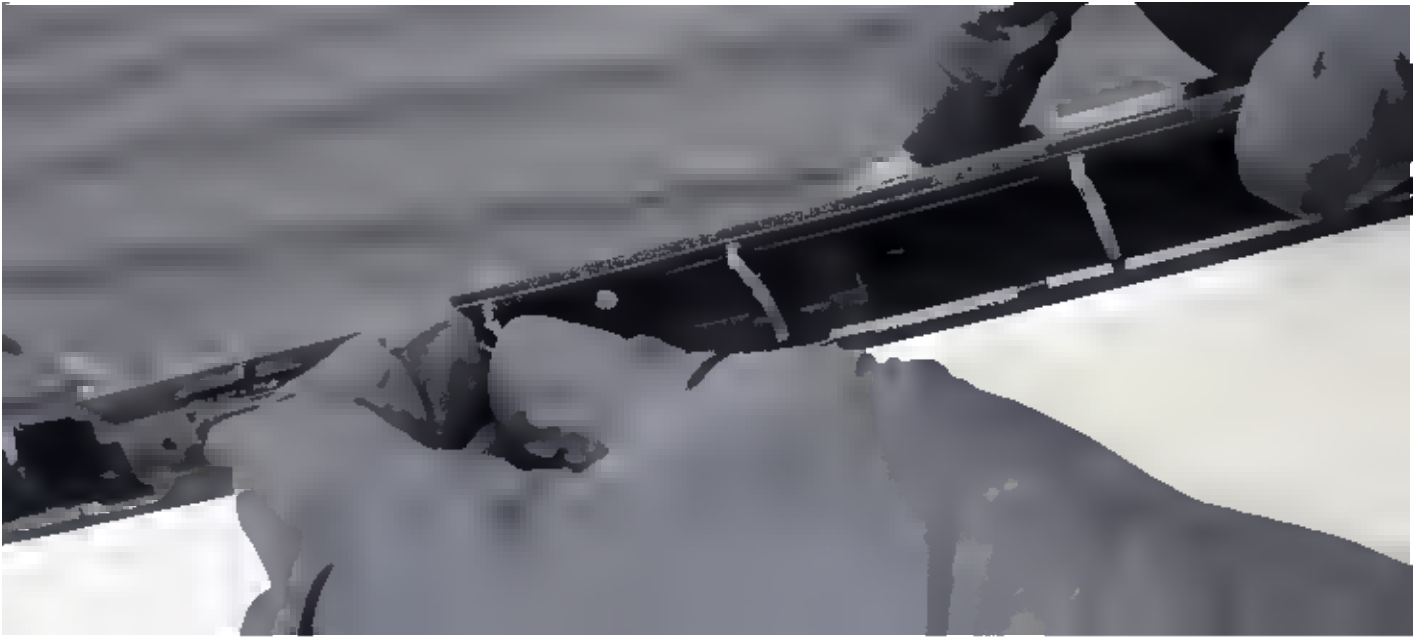
STEP 4. CUT AND MODIFY THE MOUNTING SUPPORT

With the strip trim removed, you can now proceed to prepare for the cutting and modifying the mounting support.

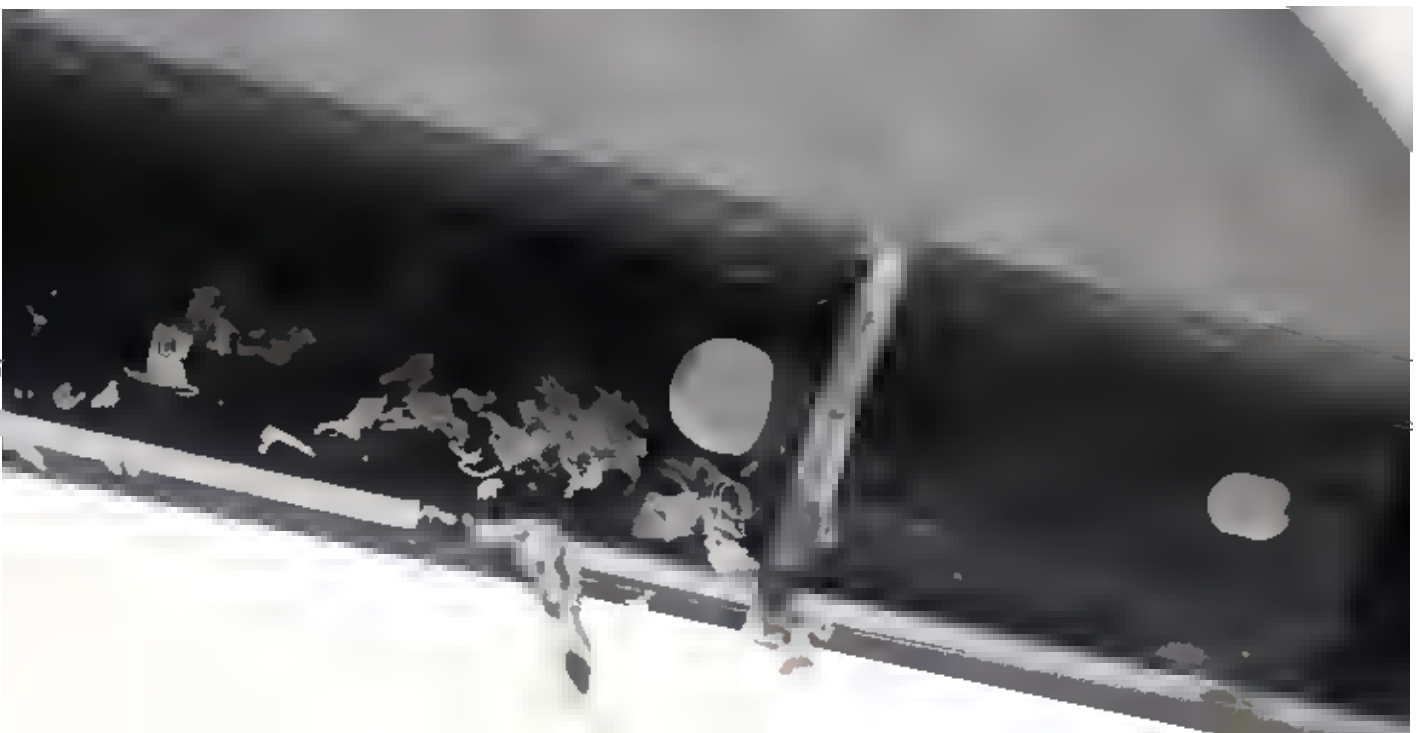
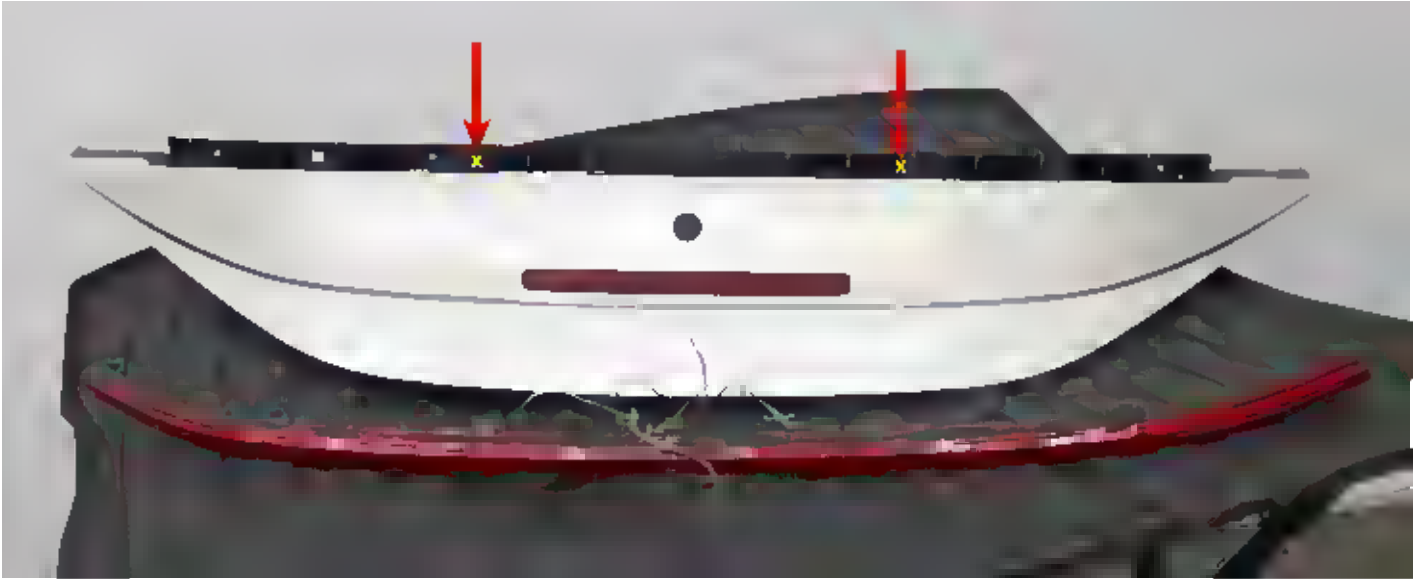


Cut and trim evenly each supported plastic piece to create adequate space and room for fitting the new trunk LED light bar.

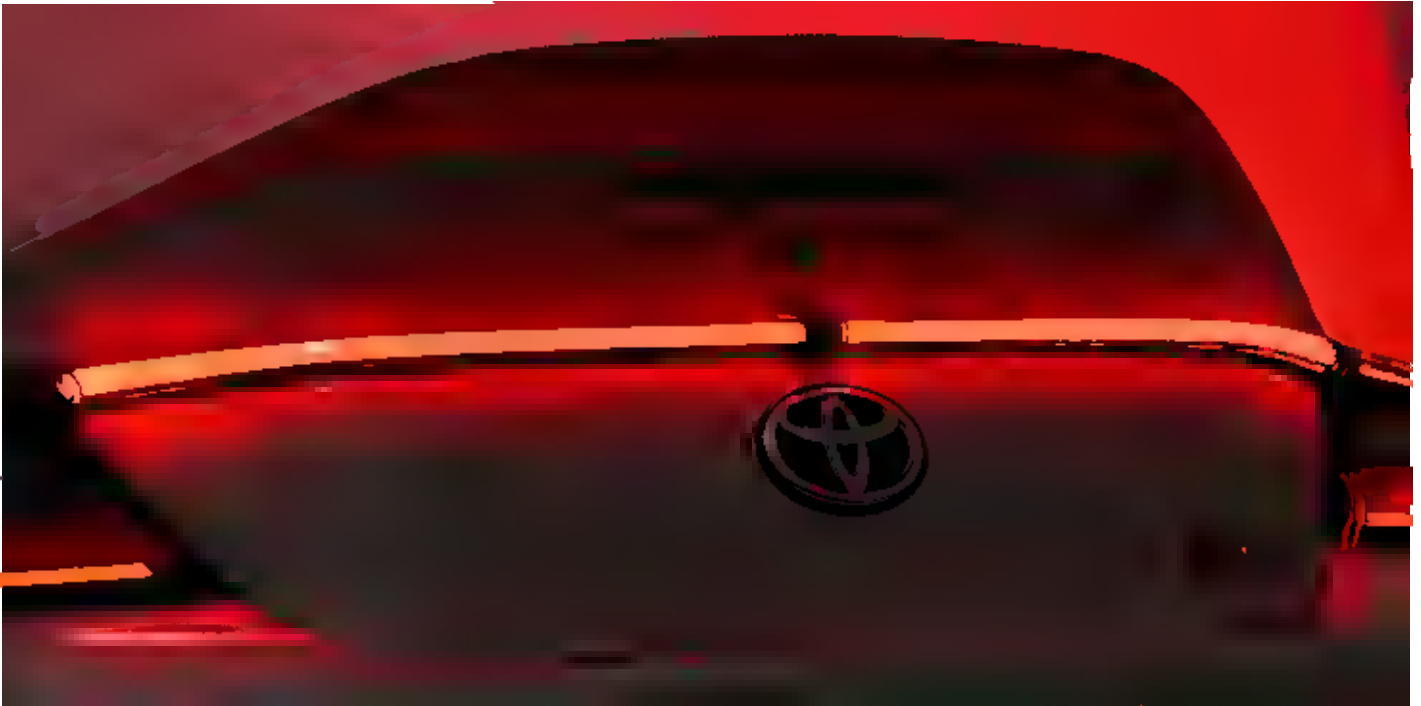




Finally, drill two holes from each side of the center of the mounting support, ensuring they are large enough for the LED light bar wires to pass through.



PART II INSTALL ALPHAREX TRUNK LED LIGHT BAR



STEP 1. INSTALL THE TRUNK LED LIGHT BAR

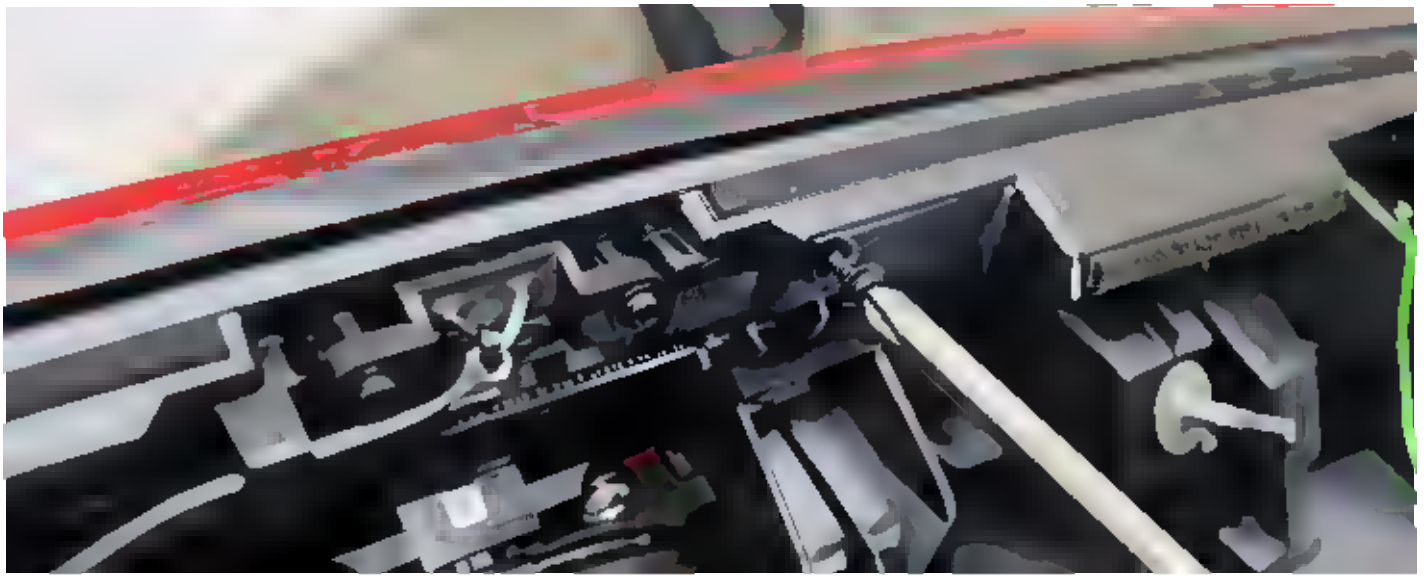
Begin by positioning the trunk LED light bar, aligning its mounting support, and threading the wires through the drilled holes.



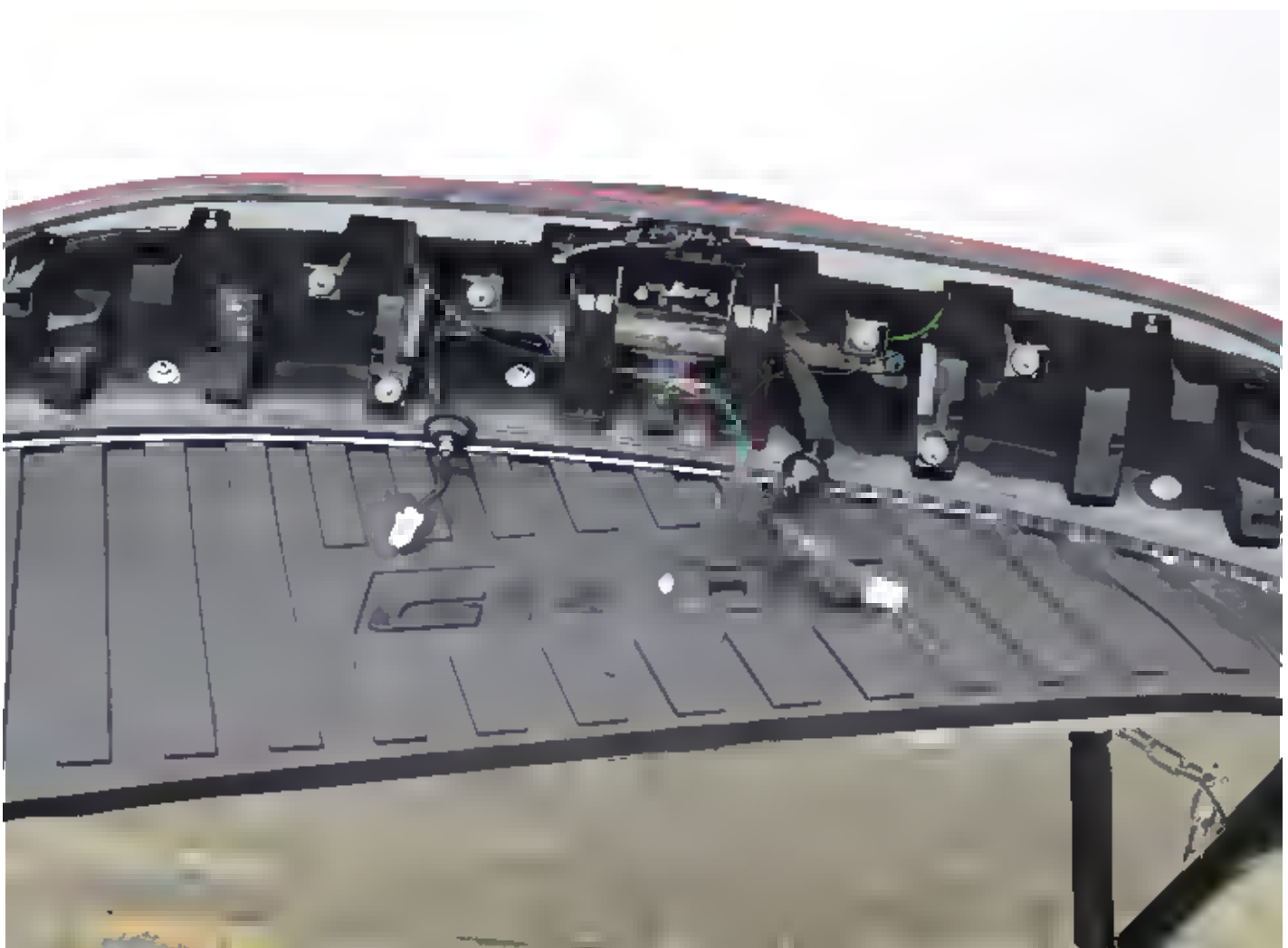
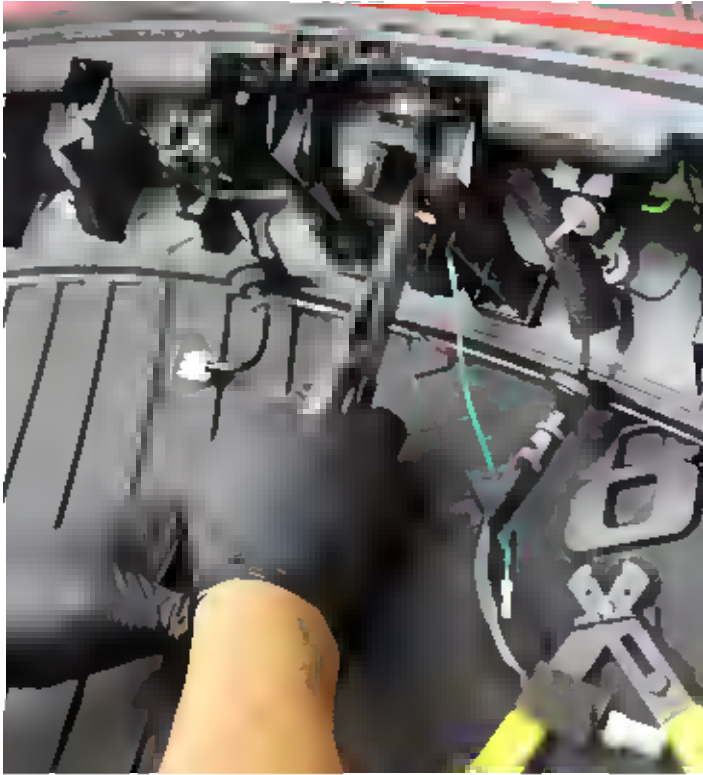
Next, firmly press and push the LED light bar to engage and secure it onto the mounting support.



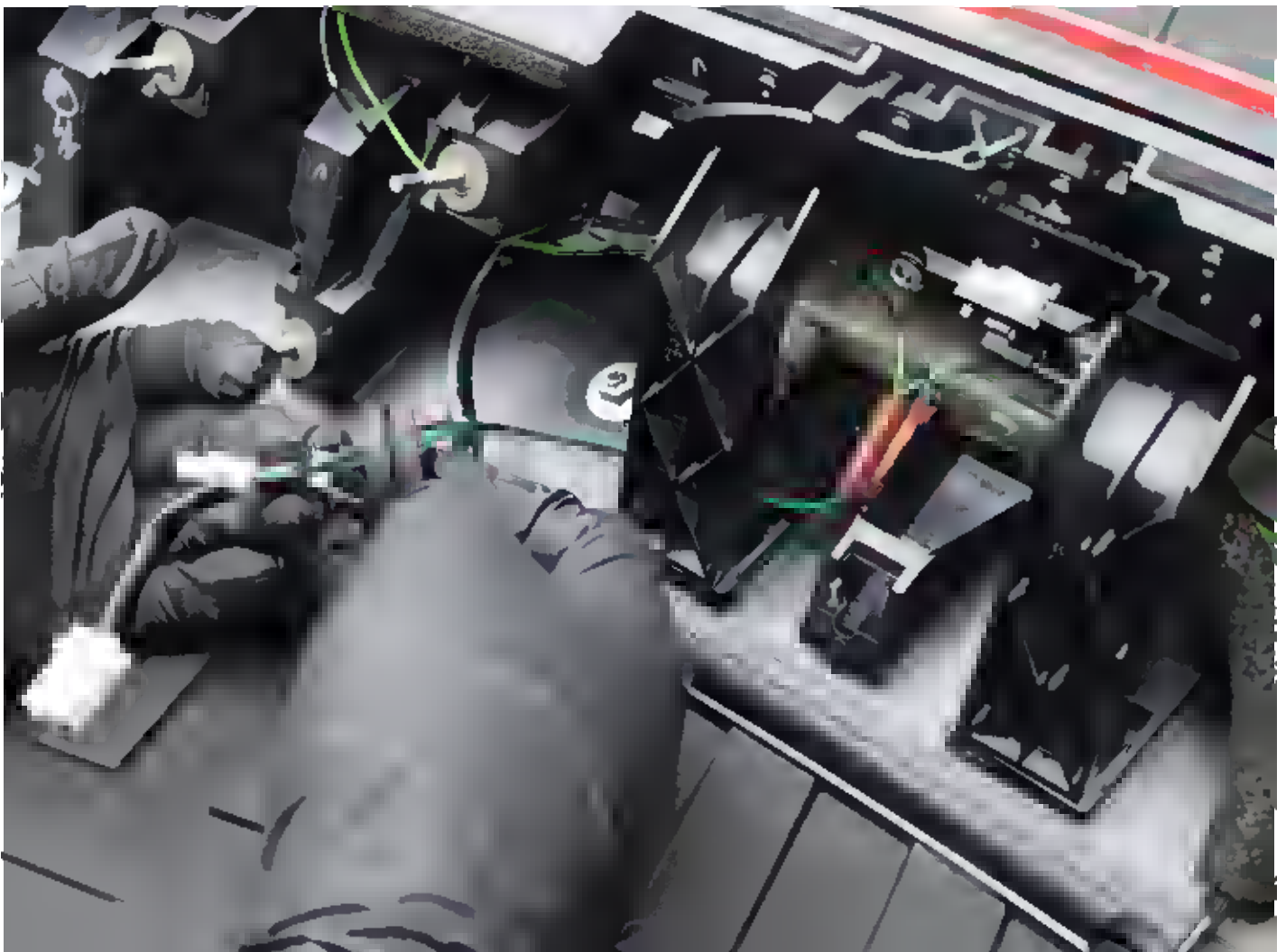
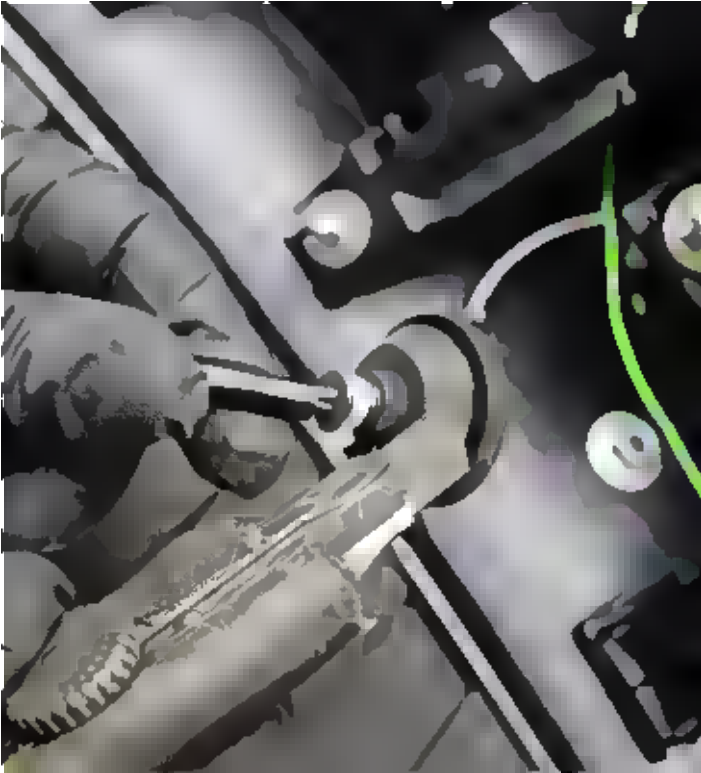
Reattach the screws to secure the LED light bar in place.



Using the provided pigtail wires from the LED light bar package.
Connect the two green wires to the green pigtail and the two black wires to the black pigtail.
DO NOT USE DIELECTRIC GREASE!



Utilize a cutting knife to create an opening in the dust rubber cover. This will allow the pigtail wires to pass through.



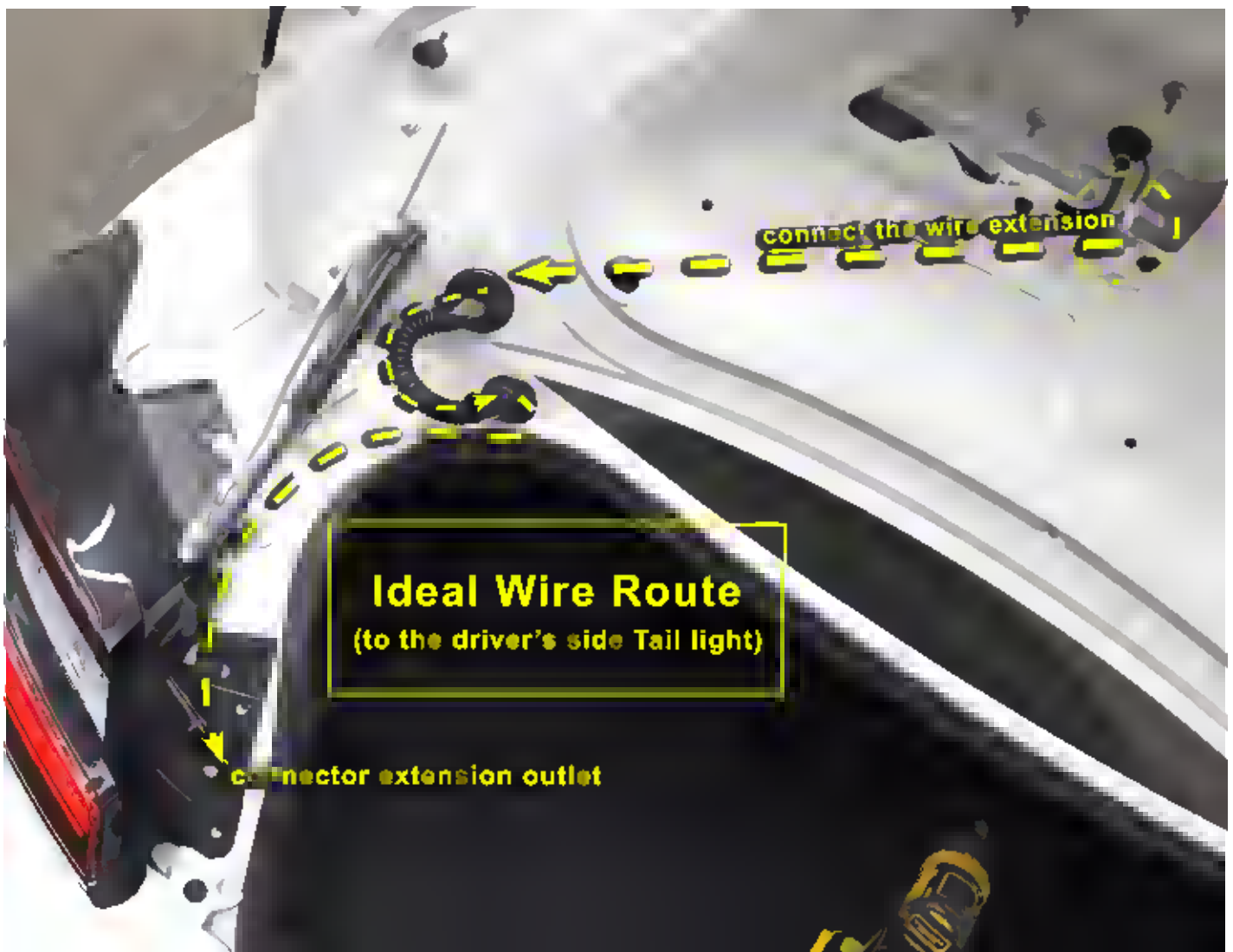
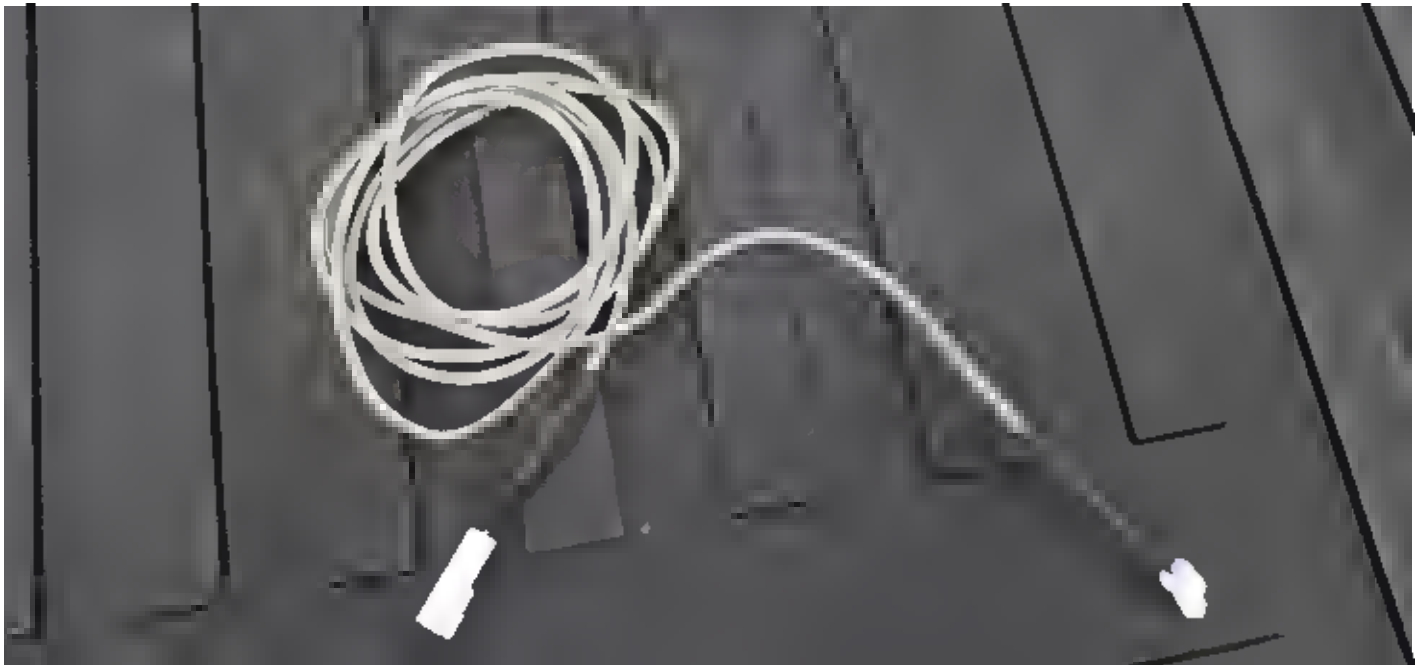
Lastly, follow the reverse of the removal process to reinstall the upper rear trunk section onto the vehicle. Please ensure that you reconnect the trunk wire connections.

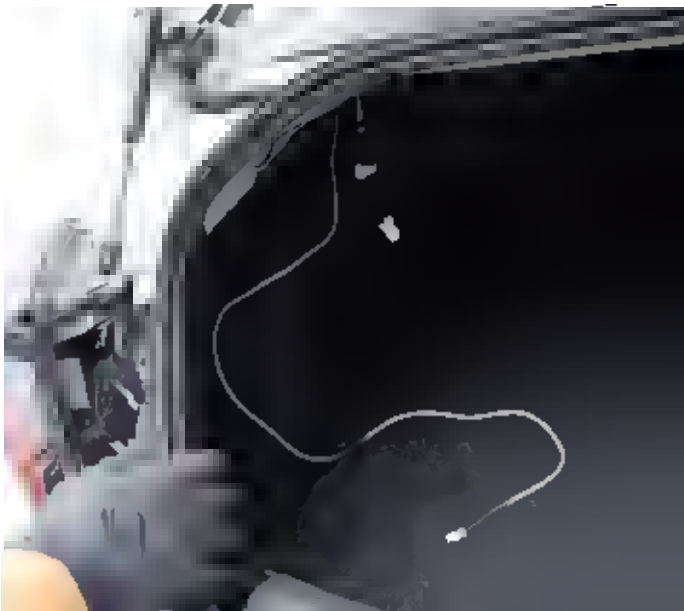




STEP 2. ROUTE THE WIRES

Please utilize the included wire connector extension from the package to route it towards the driver's side tail lights. **DO NOT USE DIELECTRIC GREASE!**

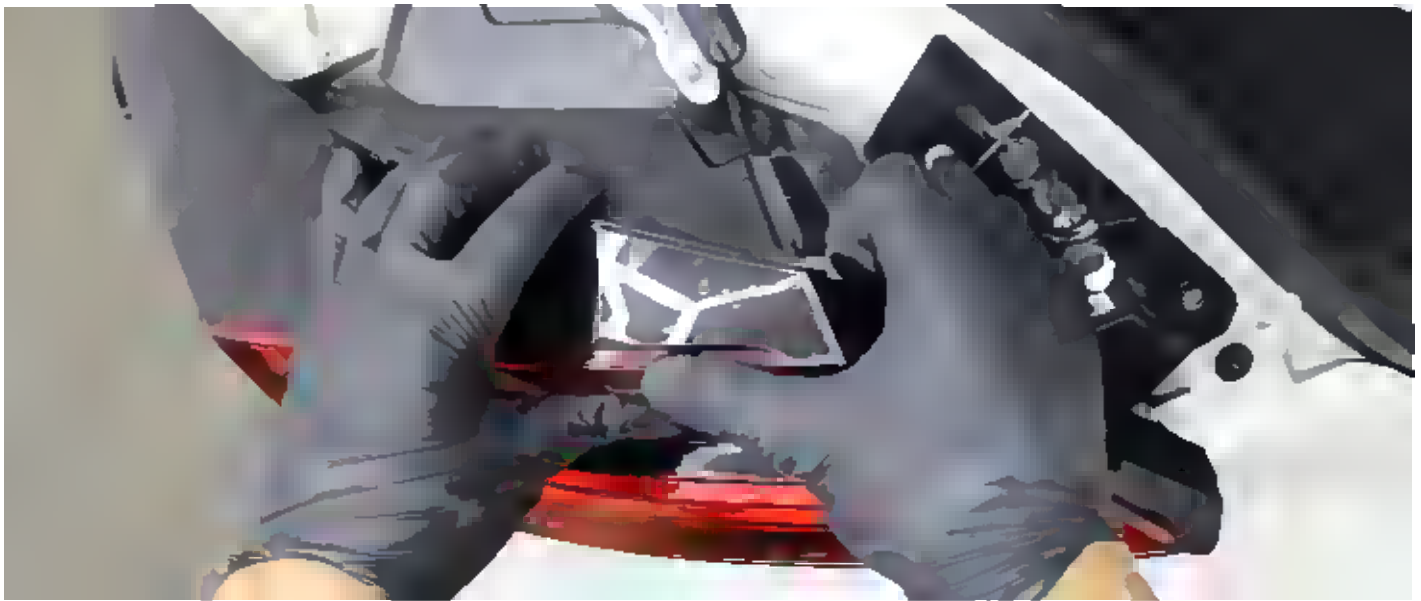




To detach the driver's side tail light, begin by raising the plastic guard cover. Loosen the 3 X 10mm bolts by turning them counterclockwise.



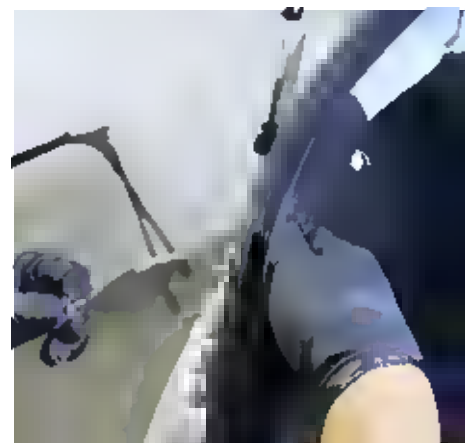
Carefully pull the tail light assembly outward towards you to remove it from its position.

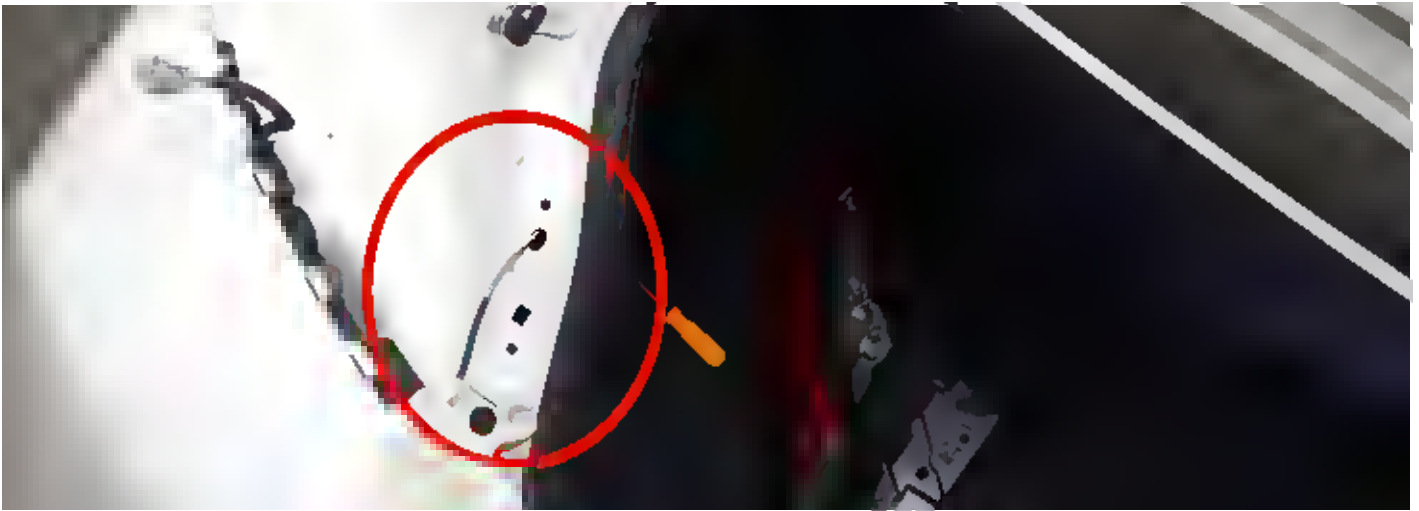


Kindly disconnect the plug socket from the tail light and place it aside for later re-installation.



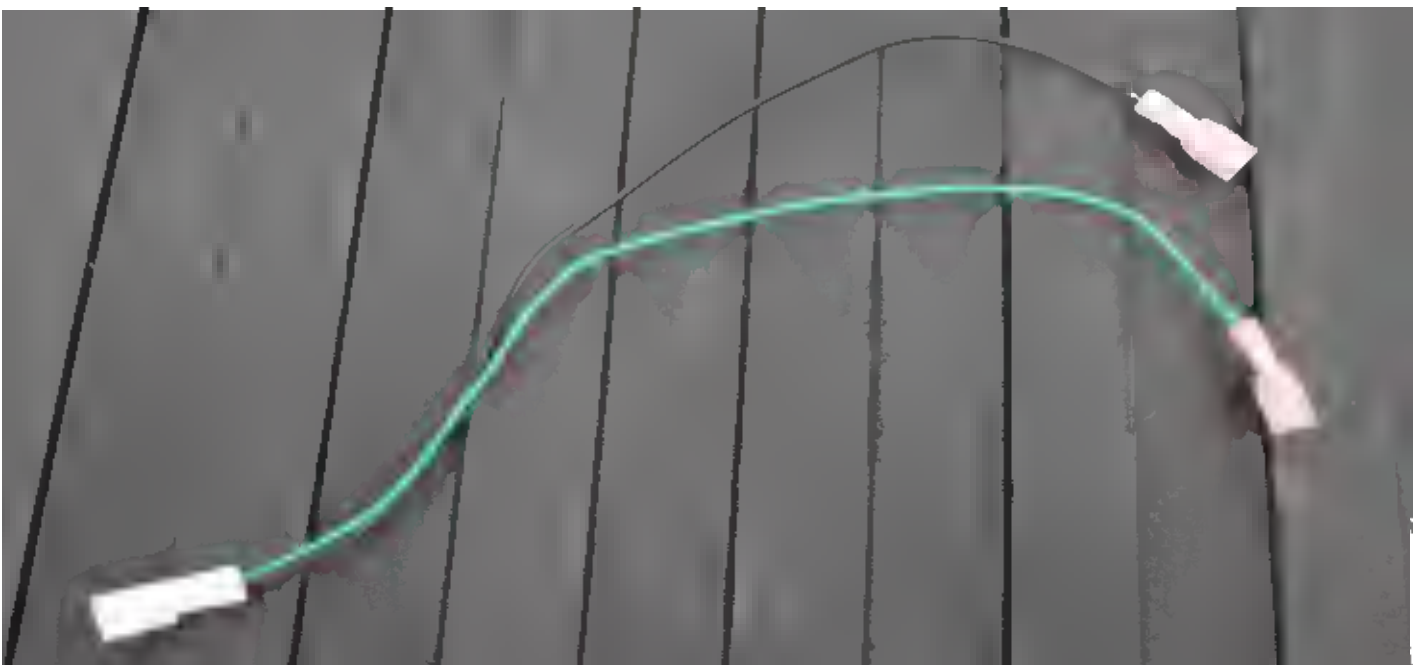
From this point, you'll observe a sufficiently large hole through which the wire extension can be threaded from inside the trunk to the exterior hole.



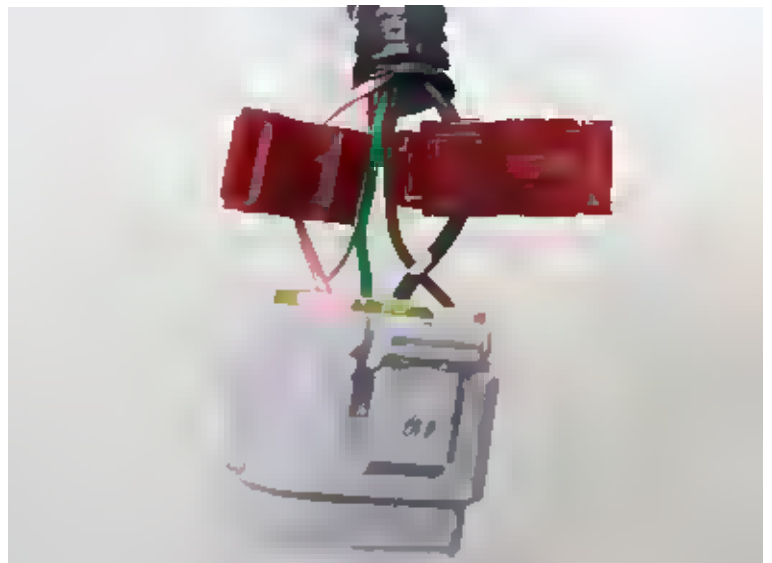


STEP 3. SPLICE THE WIRES

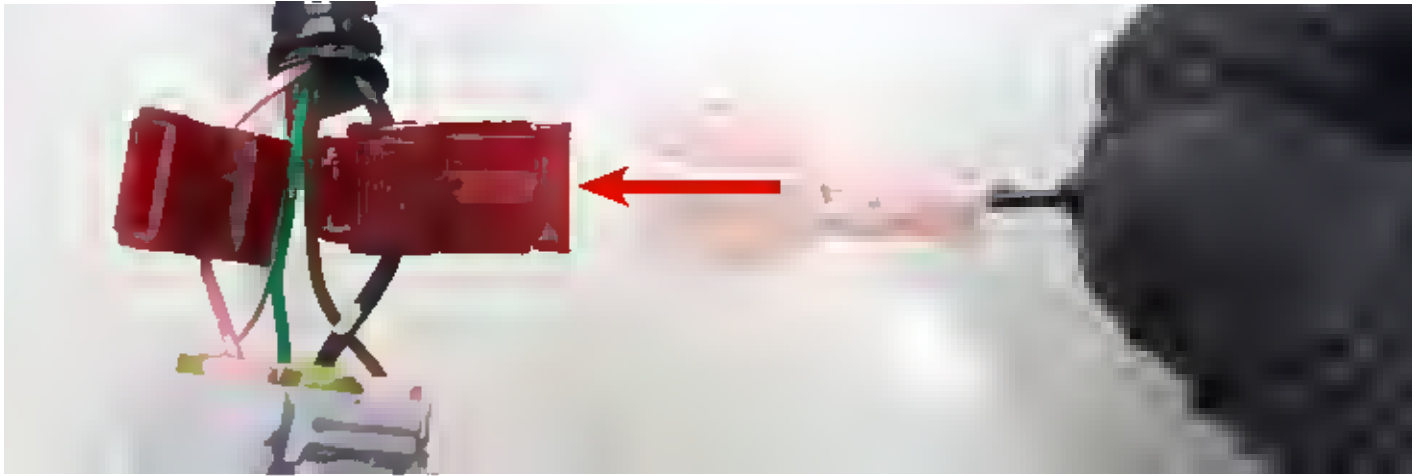
Utilize the provided connector wires to establish a connection with the wire extension.



Begin by stripping and splicing the **PINK (parking light)** and **BLACK (ground)** wires from the vehicle tail light's light socket.



Attach the black wire to the black spliced connector and the green wire to the pink spliced connector. **DO NOT USE DIELECTRIC GREASE!**

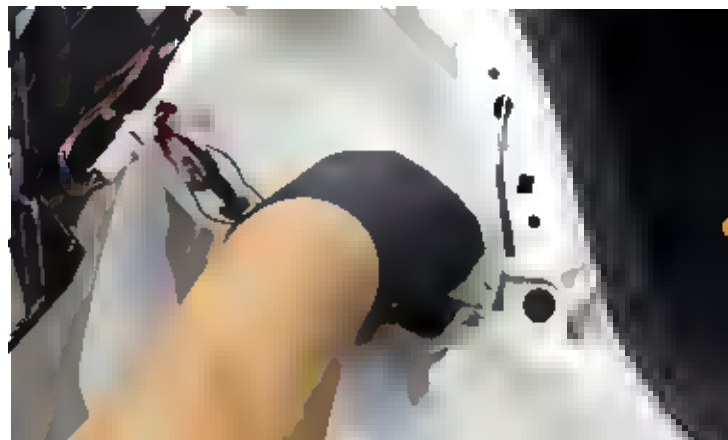


Next, proceed to connect the wire extension connector.



STEP 4. RE-INSTALL THE TAIL LIGHT

Connect the light socket into the tail light assembly, taking care not to disrupt the wire placement that could affect proper re-installation.



To finish the installation, follow the reverse procedure of the removal process.



STEP 5. COMPLETE INSTALLATION

Congratulations! you have completed the installation for ALPHAREX 21-23 Toyota GR86 | Subaru BRZ TRUNK LED LIGHT BAR with trunk release button.

