



Installation Guide for 2021-24 Toyota GR86 | Subaru BRZ 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 2021-24 Toyota GR86 | Subaru BRZ

DO NOT USE DIELECTRIC GREASE!



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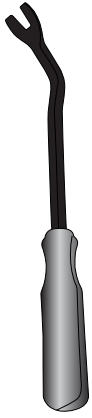
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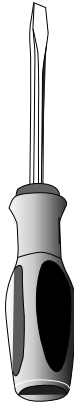
PART I REMOVE HEADLIGHTS

INSTALLATION TOOLS

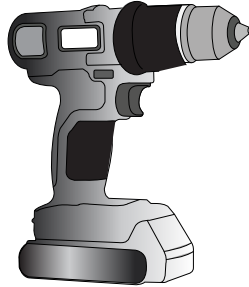
PREPARE THESE TOOLS FOR INSTALLATION



Metal Panel Popper



Flat Screwdriver



Power Tool



1/4 Ratchet



1/4 Extension

10mm



Socket

NOTE: Whenever using a power tool, please make sure do not overtighten the bolts.

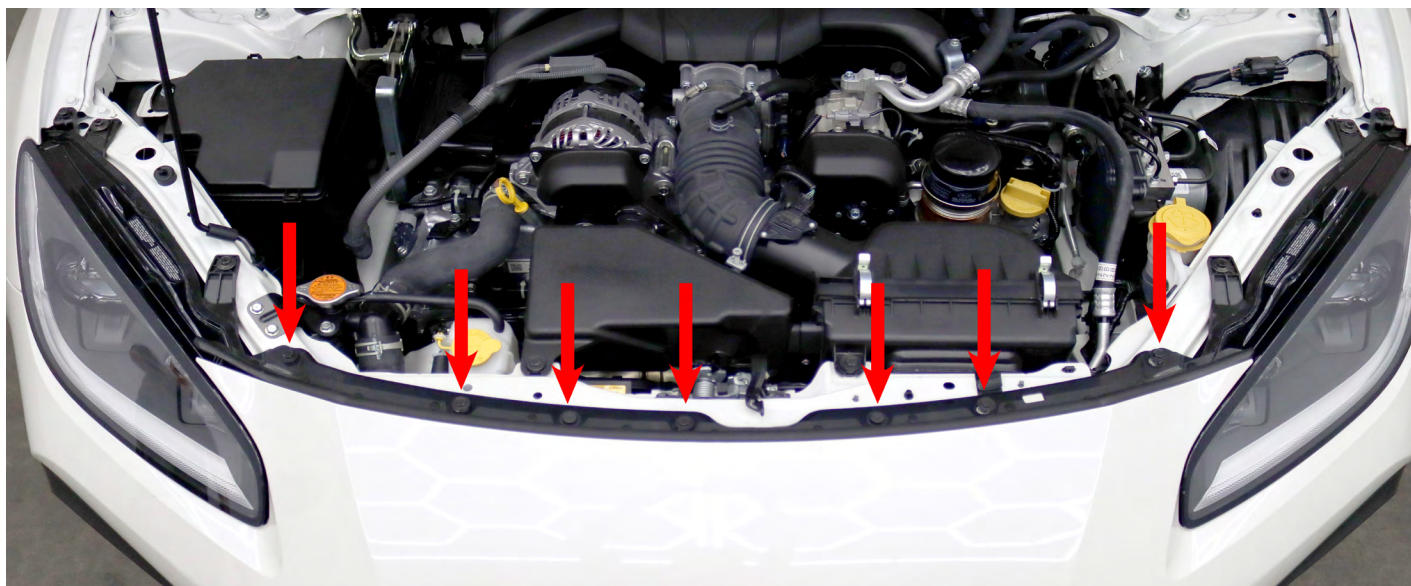
STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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



STEP 2. REMOVE THE FRONT BUMPER

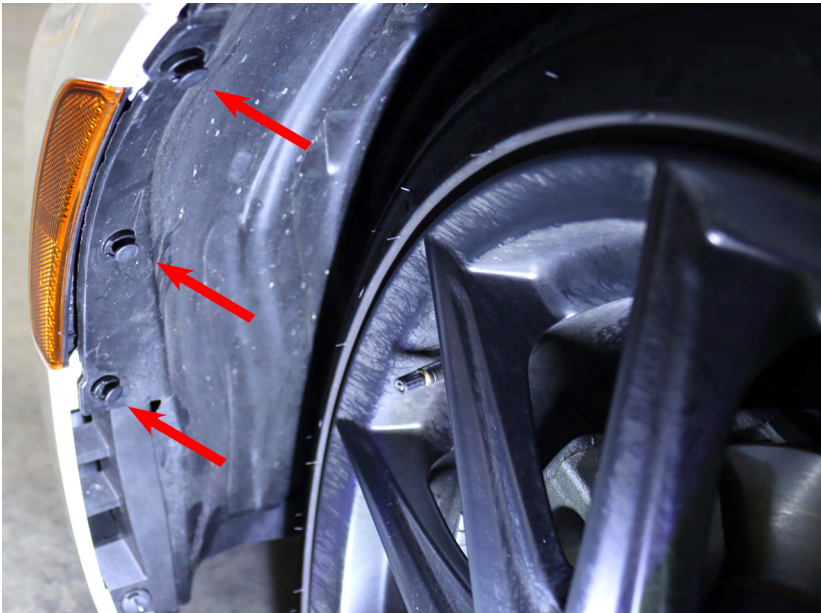
Remove the 4 X 10mm bolts and 3 mounting taps on the upper part of the front bumper.



Take off the plastic cover piece.



Use the panel popper to remove the 3 mounting taps from each side of the front wheel well.



Next, detach the mounting clips located at each corner of the lower underside of the front bumper.



Once the clips have been removed, carefully and gently pull outward from the edge of the bumper to loosen it. Similarly, repeat the process on the other side.

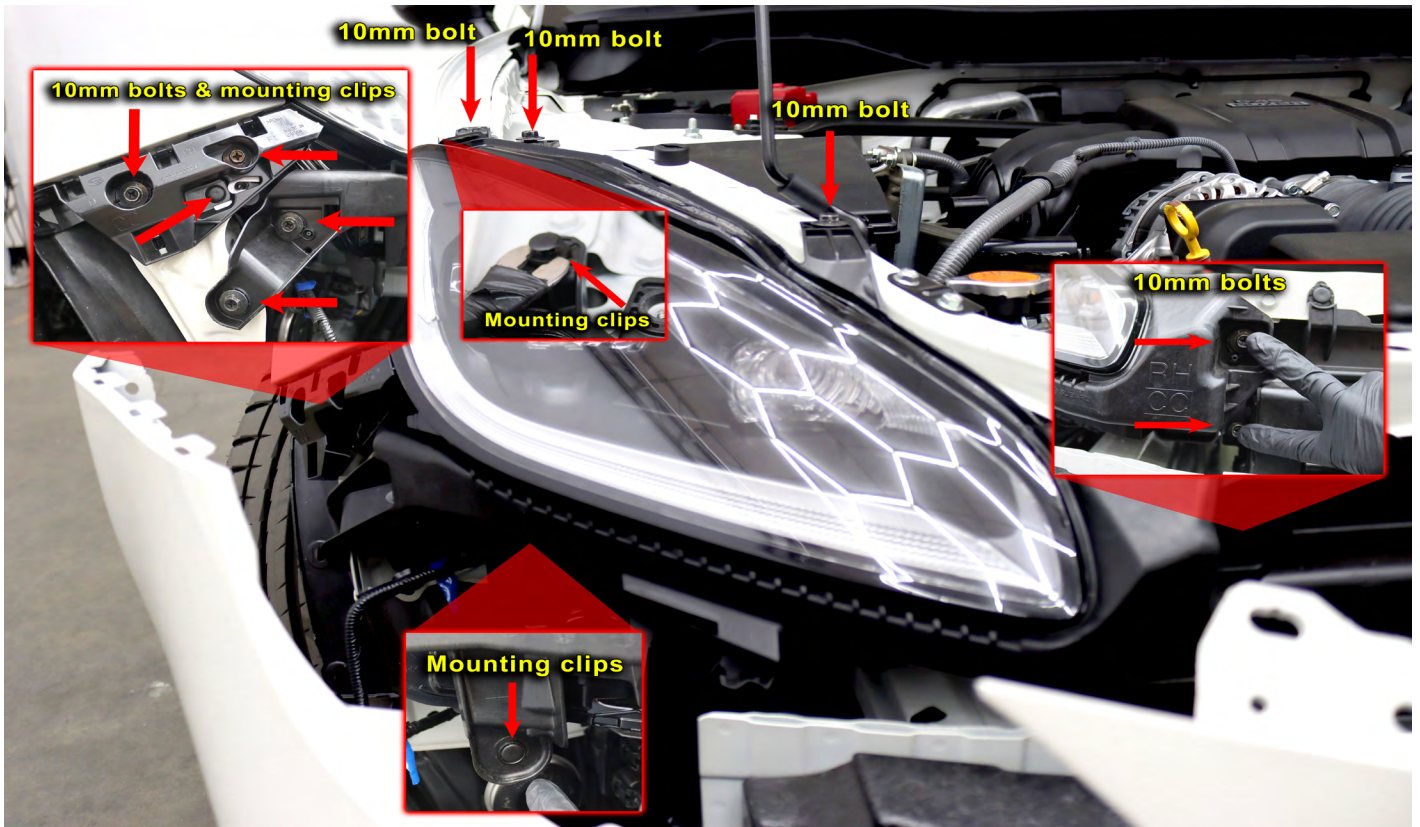


Continue to gently loosen it until you have created enough space to access the headlights bolts.



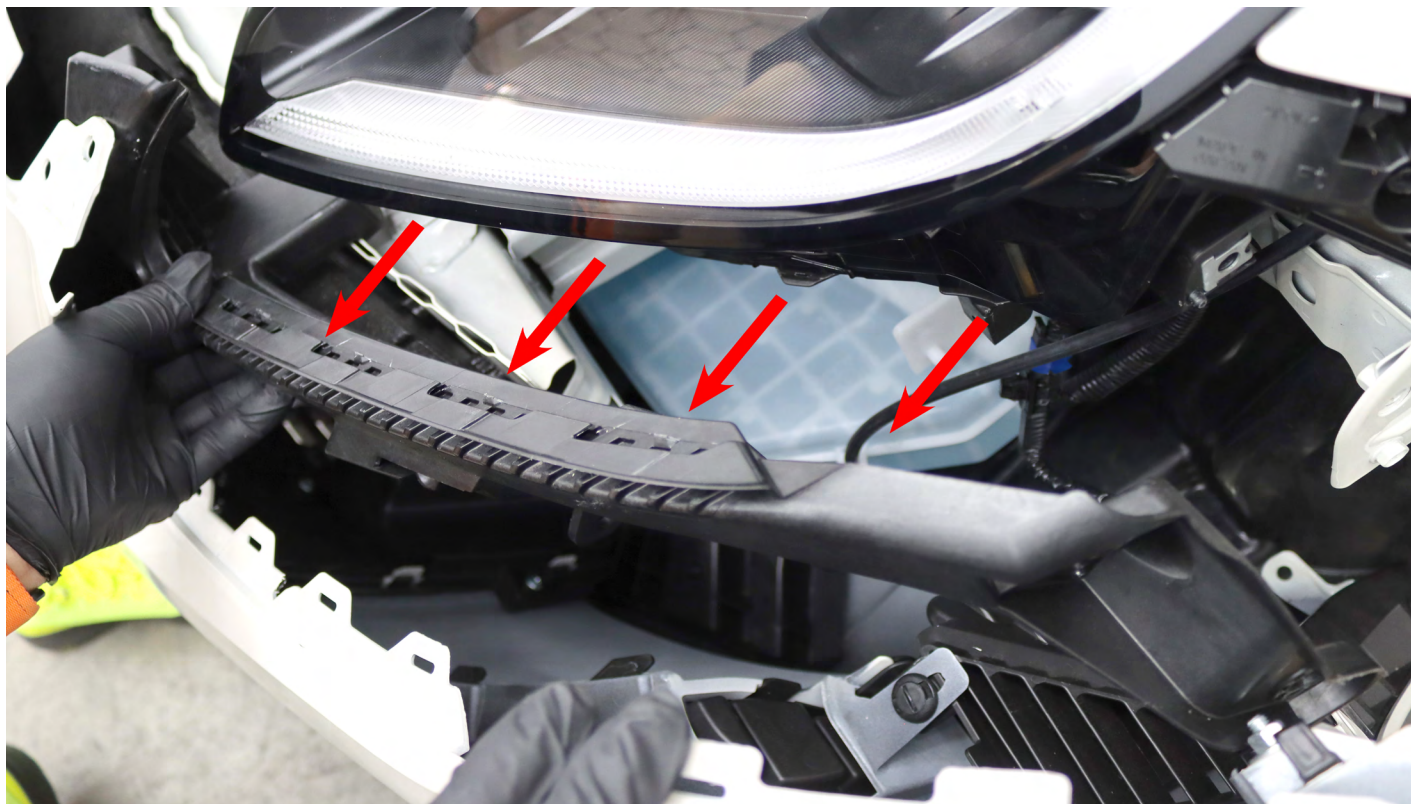
STEP 3. REMOVE THE HEADLIGHT BOLTS AND CLIPS

Remove the 9 X 10mm bolts and 3 X mounting clips from the headlight assembly. Follow the same steps for the other side.



STEP 4. REMOVE THE HEADLIGHTS

Once all the headlight bolts and mounting clips have been removed, exercise caution as you pull the headlight bracket gently outward towards you to detach it. Set it aside for later re-installation.



Subsequently, proceed to remove the headlights with care by pulling them gently outward towards yourself. Don't forget to unplug the headlights' connector as you proceed.





Follow the same steps for the other side of the headlights.

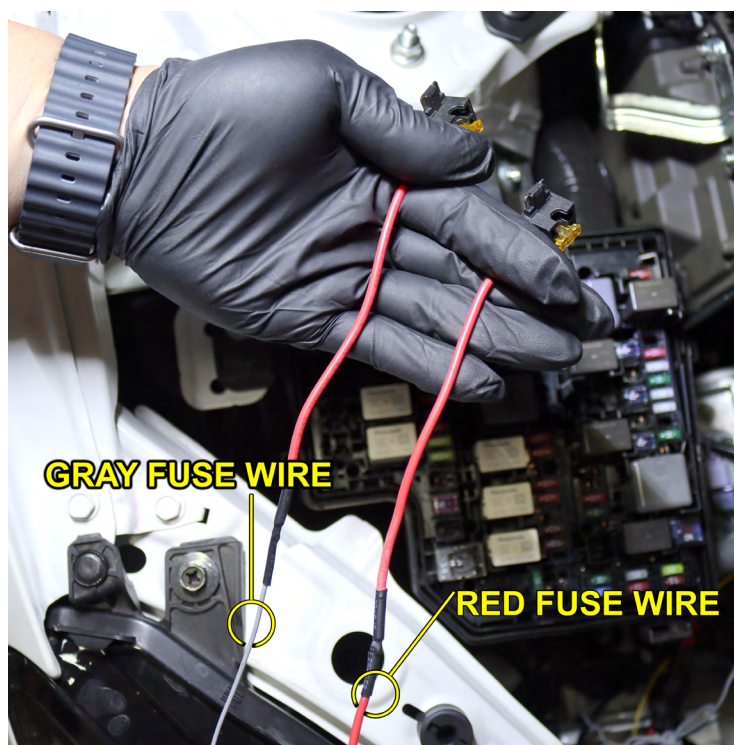


PART II INSTALL HEADLIGHTS



STEP 1. TAP THE FUSES AND ROUTE THE DRL HARNESS

In order for the DRL to function properly, you will need to tap the fuses and route the harness.

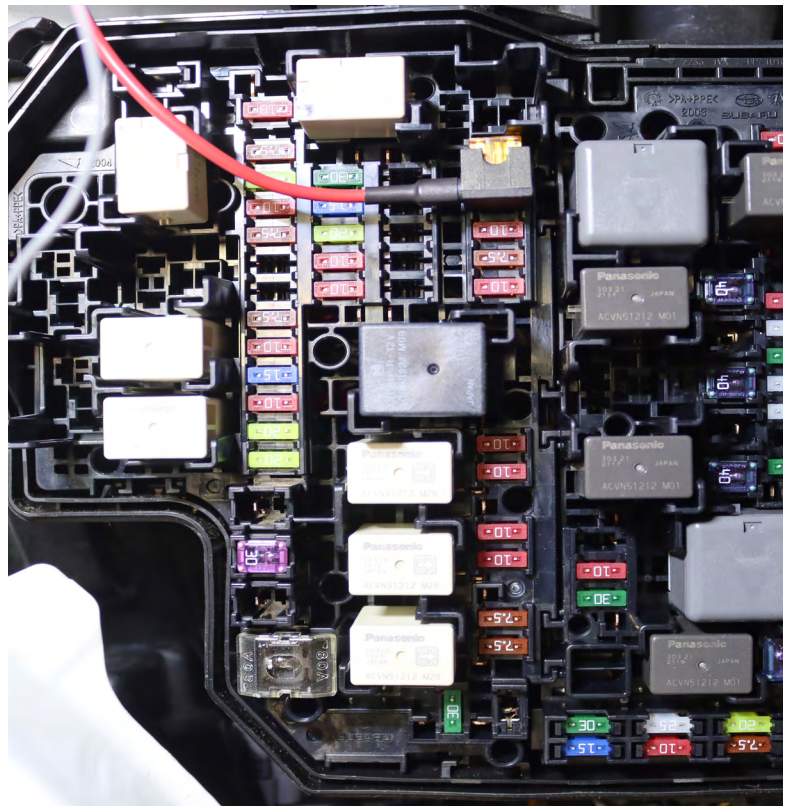
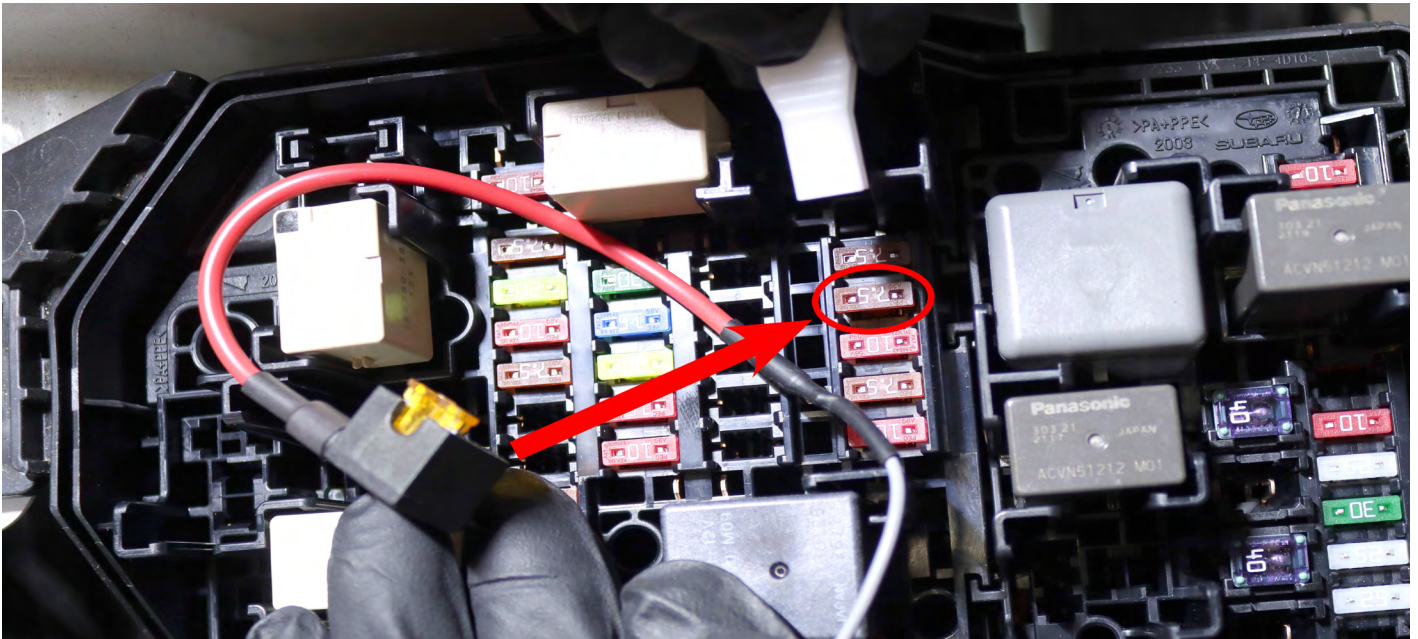
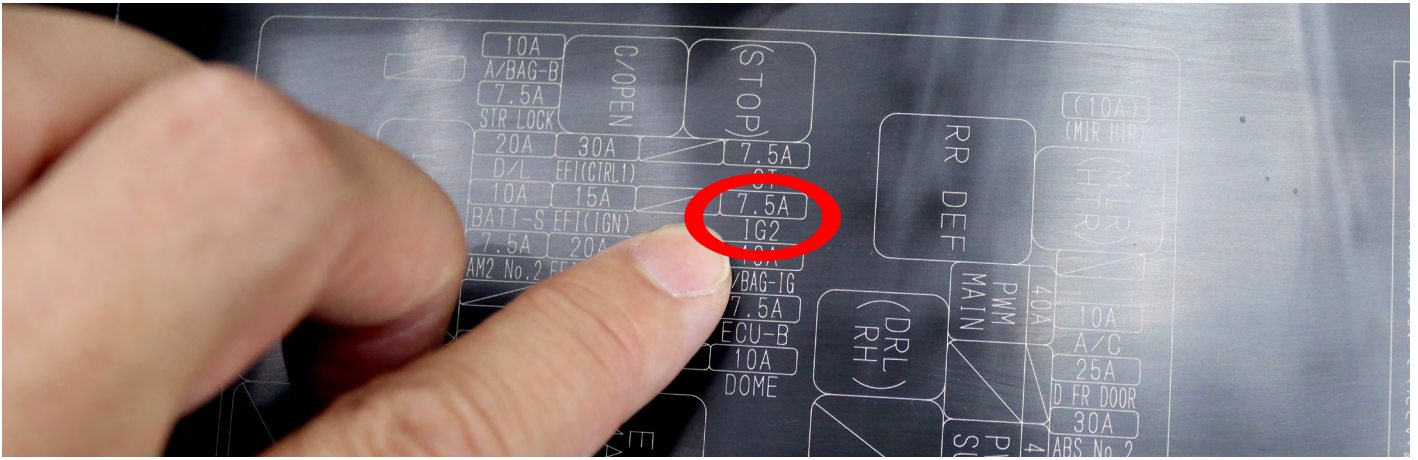


Locate the Fuse box from the passenger's side engine bay and open the cover.

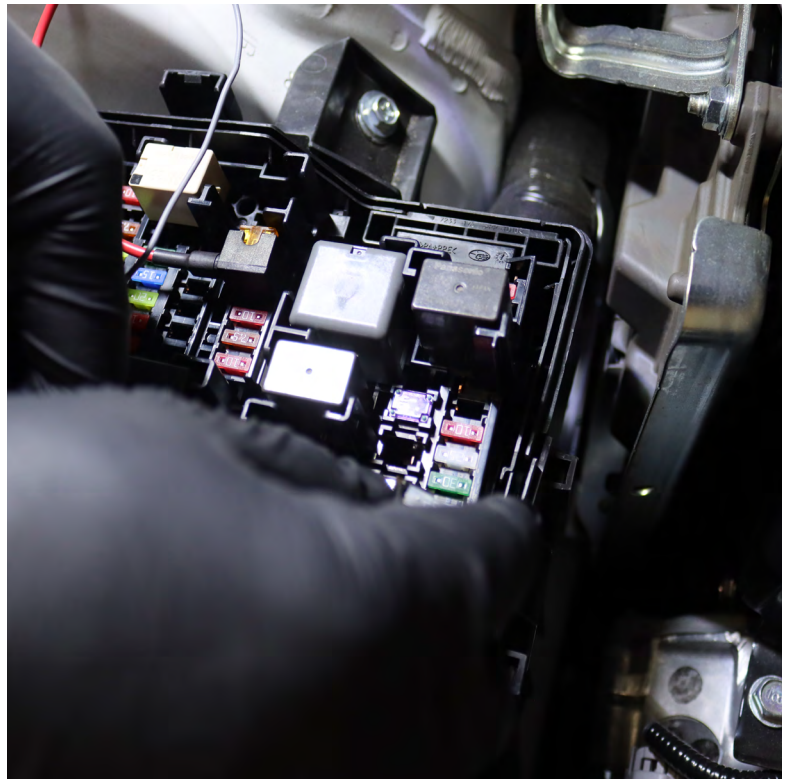
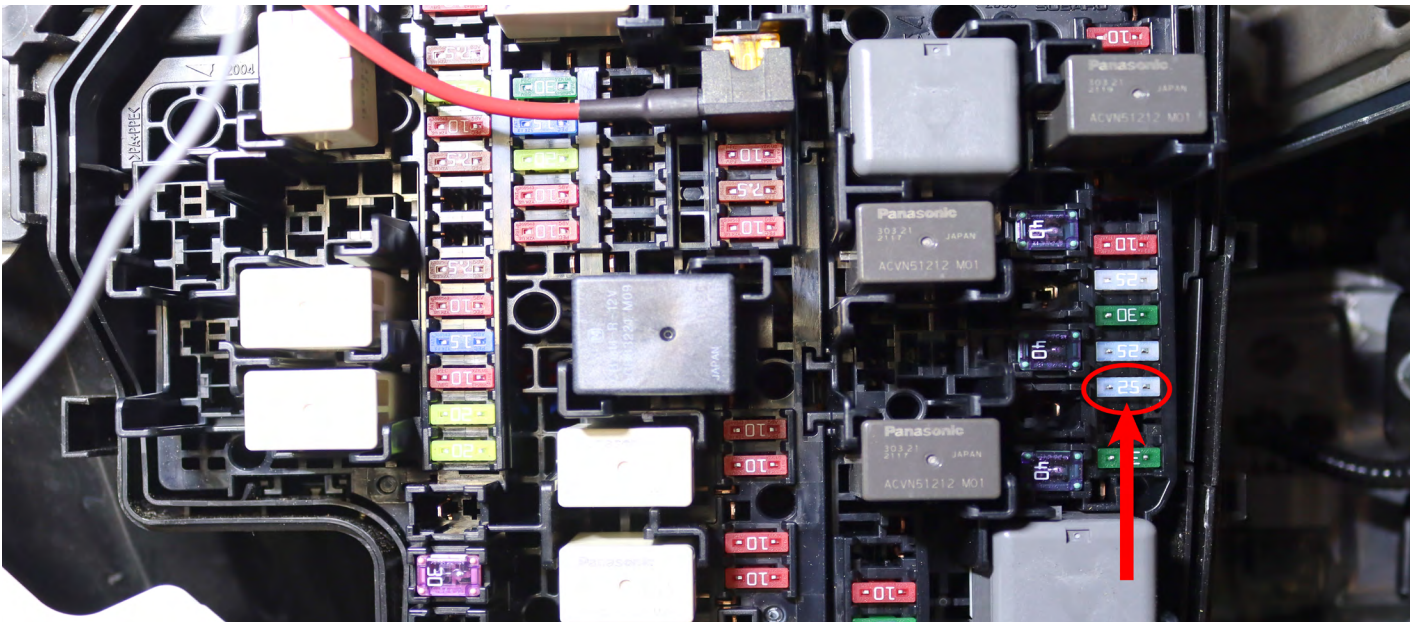
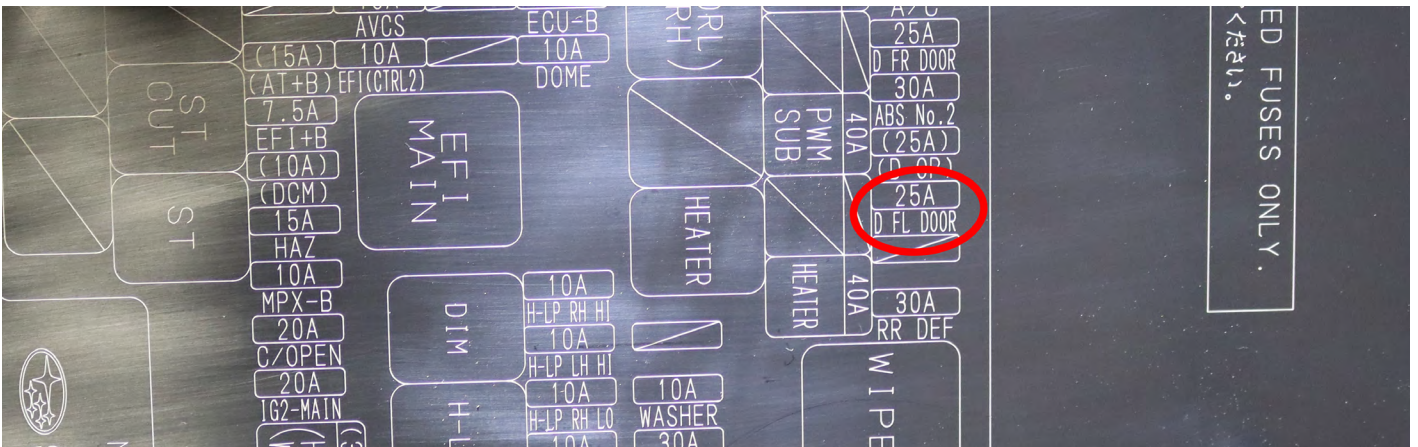


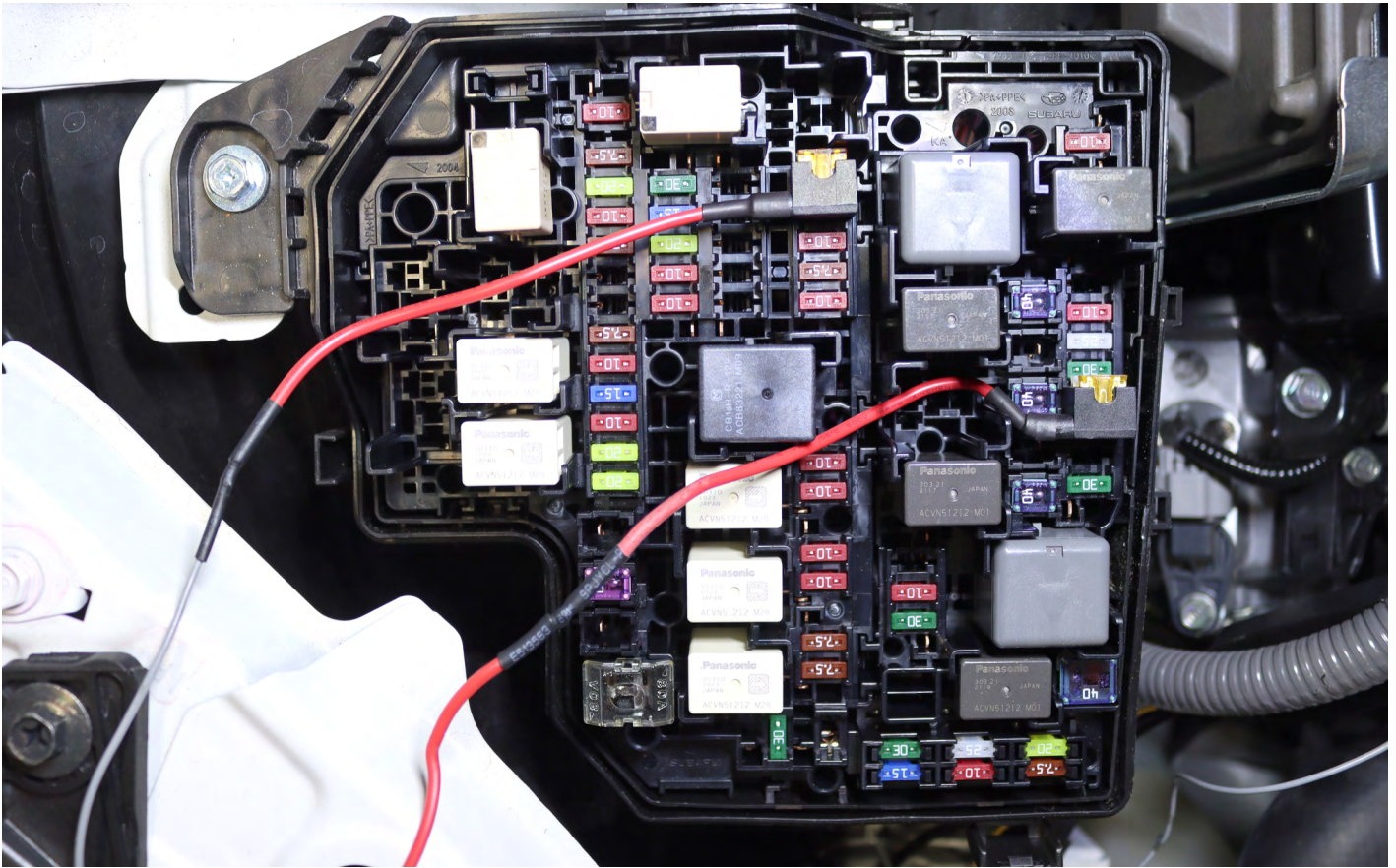
First, tap the **GRAY** fuse wire into the FUSE IG2 (7.5A)





Next, tap the **RED** fuse wire into the FUSE D FL DOOR (25A)





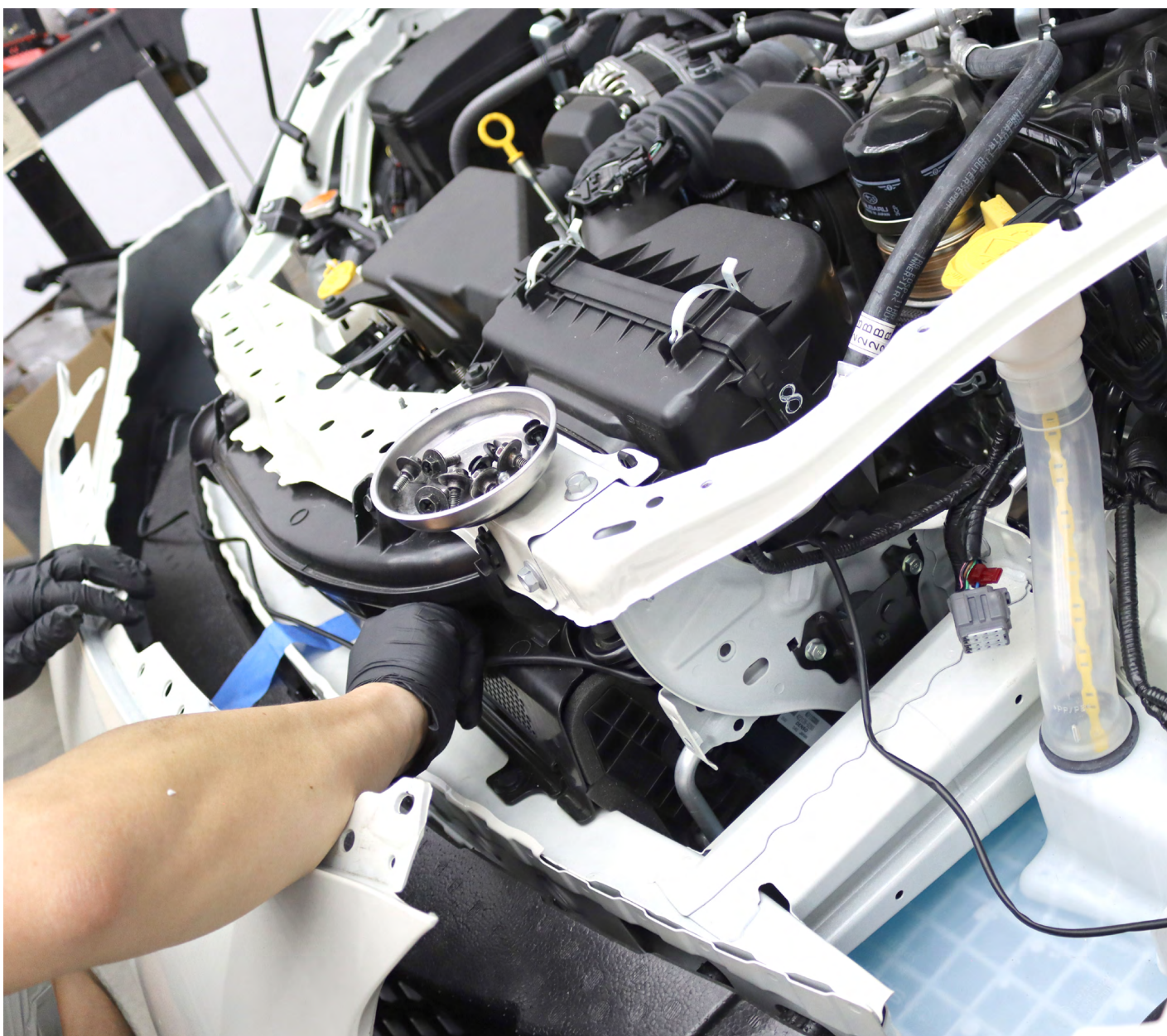
Once you've completed tapping into the fuses, securely close the fuse box and continue by routing the DRL wire harness.



Grounding the black wire to the body or directly to negative battery lead



Route the DRL wire towards the other side of the headlights.



STEP 2. TRANSFER THE HEADLIGHT BRACKETS

Transfer the existing headlight brackets to the new ALPHAREX headlights by aligning the mounting holes.



STEP 3. PLUG AND INSTALL THE HEADLIGHTS

Initiate the procedure by first connecting the plug of the headlight, followed by attaching the DRL connector and the turn signal connector. **DO NOT USE DIELECTRIC GREASE!**



Then, proceed to carefully install the headlights into the vehicle.



Align the mounting holes and firmly tighten the headlight bolts and clips.



Follow the same steps for the other side of the headlights.



To complete the installation, reverse the uninstallation process, ensuring all previous steps are followed in the opposite order.



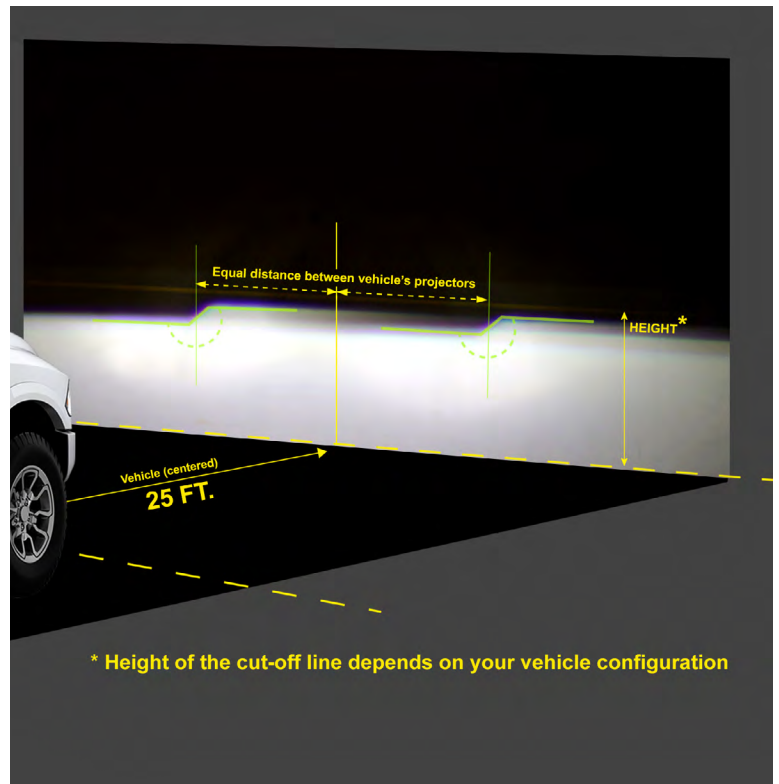
STEP 4. TEST THE HEADLIGHT FUNCTIONS

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



STEP 5. ADJUST HEADLIGHT LEVEL

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



STEP 6. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX 21-24 Toyota GR86 | Subaru BRZ HEADLIGHTS.

