



Installation Guide for 2018-24 Jeep Wrangler JL LED Tail Lights (Vehicle equipped with stock LED Tail lights or LED tail lights with BSM sensor)

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 TAIL LIGHTS** for your 2018-24 Jeep Wrangler JL. **DO NOT USE DIELECTRIC GREASE!**



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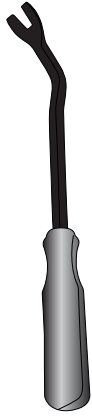
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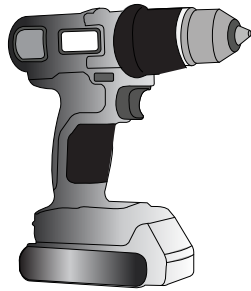
PART I REMOVE TAIL LIGHTS

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal
Panel
Popper



Power Tool



1/4 Ratchet



1/4 Extension

10mm



Socket

STEP 1. REMOVE THE SCREWS

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



Start by opening the truck and the rear window.



Take off the plastic access cover from the rear trim interior.



Unscrew the 10mm plastic screw securing the tail light. Repeat the same steps for the other side.



STEP 2. REMOVE THE TAIL LIGHTS

Gently pull the tail light assembly outward towards you to disengage it from its position.

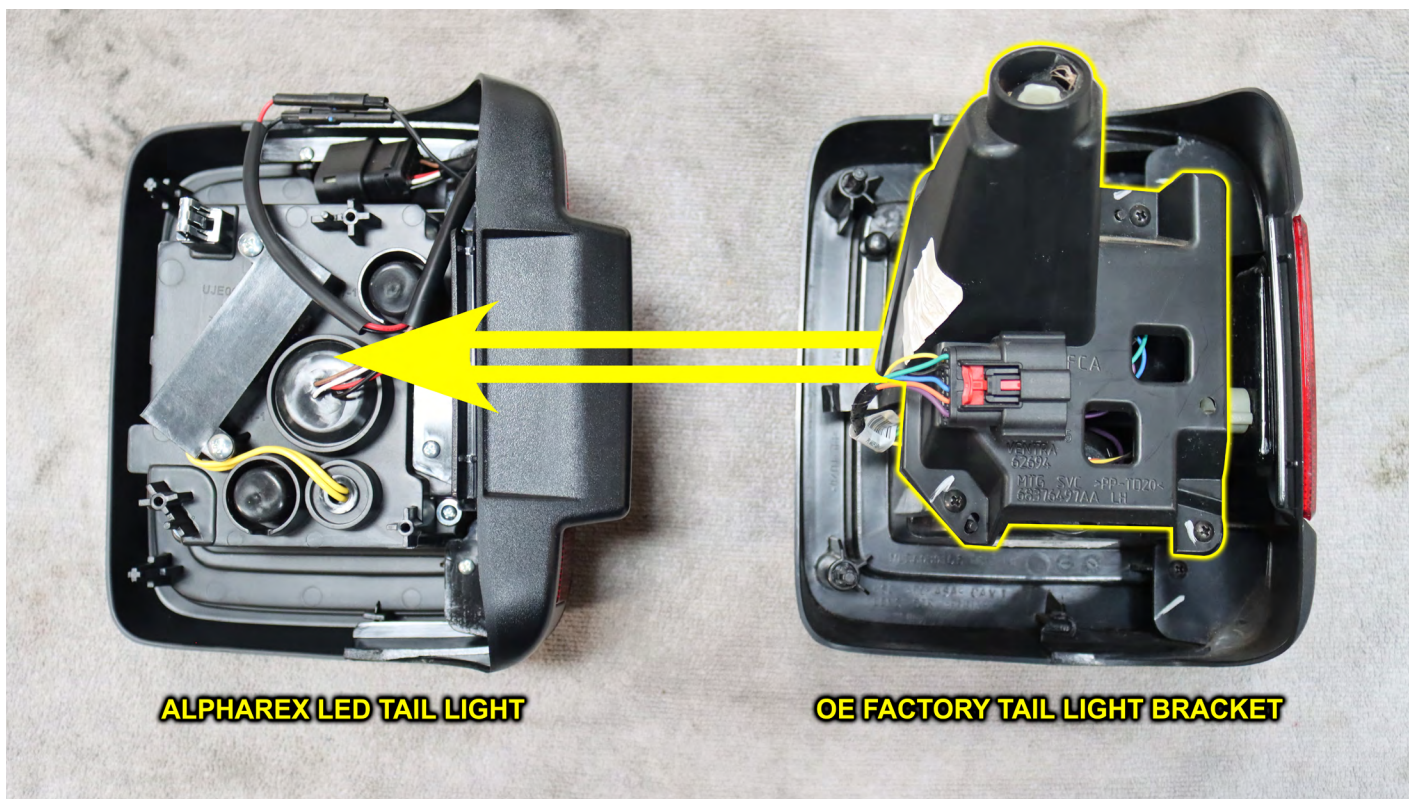


Take out the tail light by disconnecting the plug sockets. Repeat the same steps for the other side of the tail light.

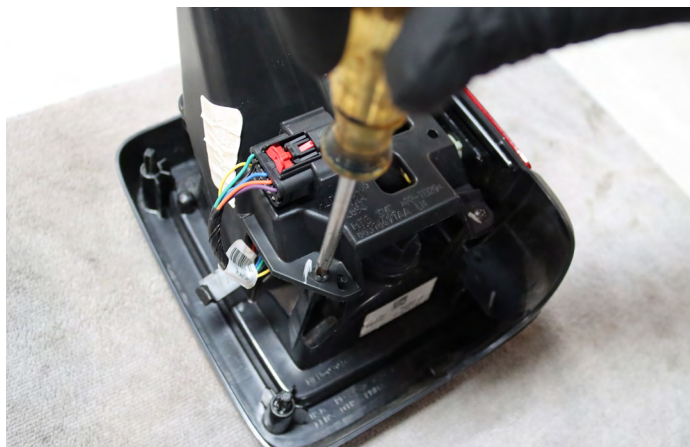


STEP 3. TRANSFER THE BRACKET AND THE BSM SENSOR

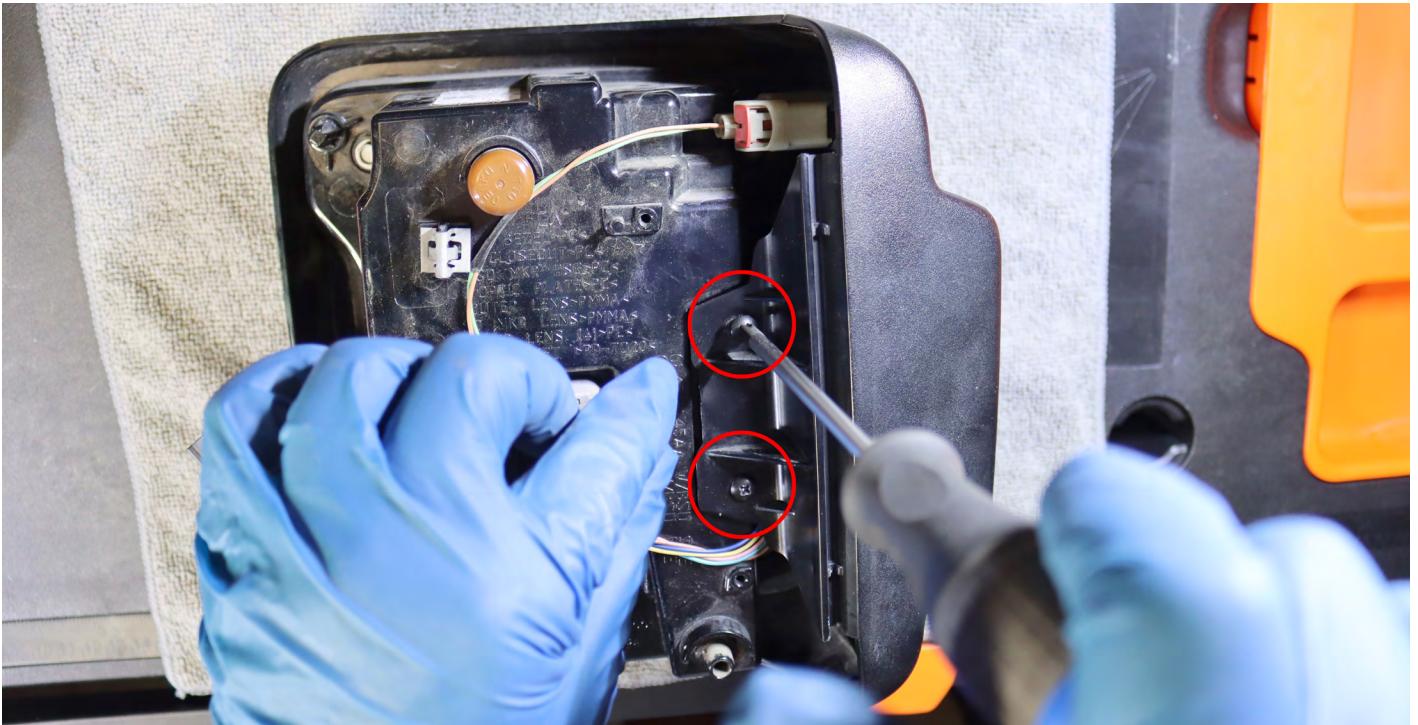
Transfer the original equipment (OE) factory bracket and the Blind Spot Monitoring (BSM) sensor (if equipped) to the Alpharex tail light assembly.



Loosen the four screws and disconnect the connector to remove the bracket.



Ensure a smooth transition to your new AlphaRex Tail Lights by transferring the BSM sensor from **your existing vehicle lights (if your vehicle is equipped with BSM)**. Start by unscrewing the two screws to remove the BSM sensor cover.



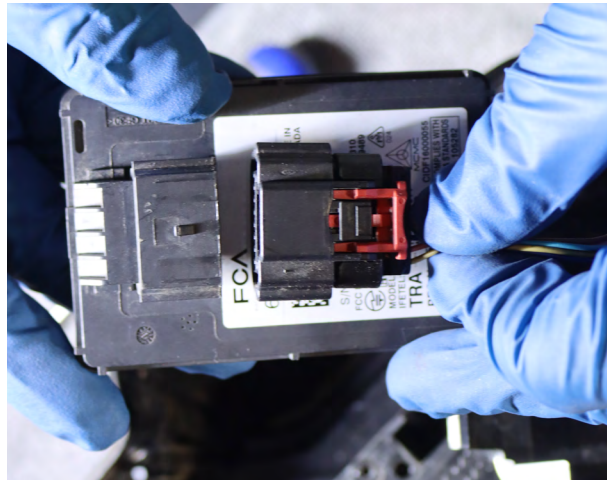
Carefully lift the cover upwards to detach it.



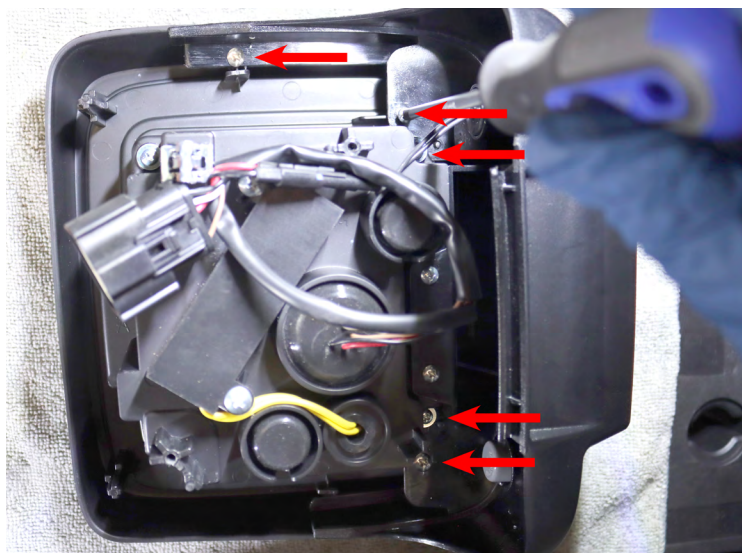
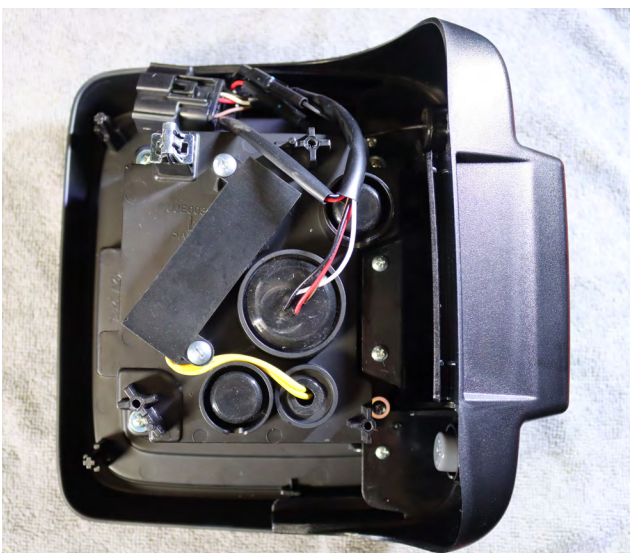
Lift the BSM sensor tray gently and carefully pull to remove the BSM sensor.

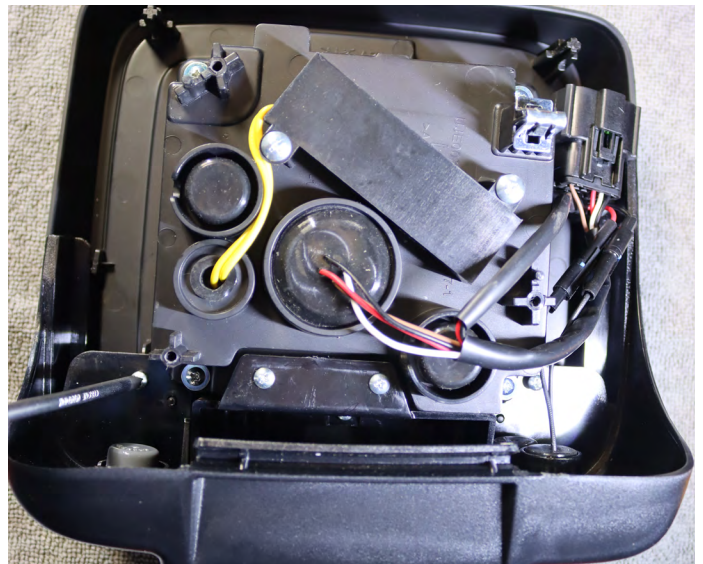
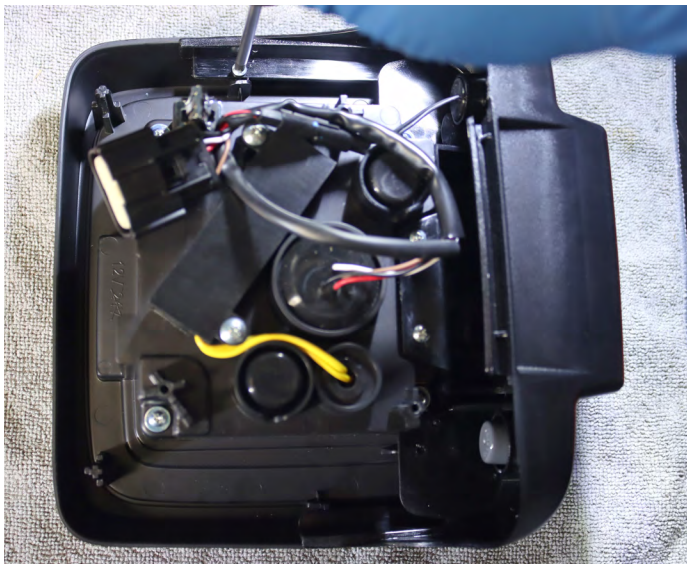


Disconnect the connector and remove the BSM sensor completely.
Follow the same steps for the other side of the tail light.

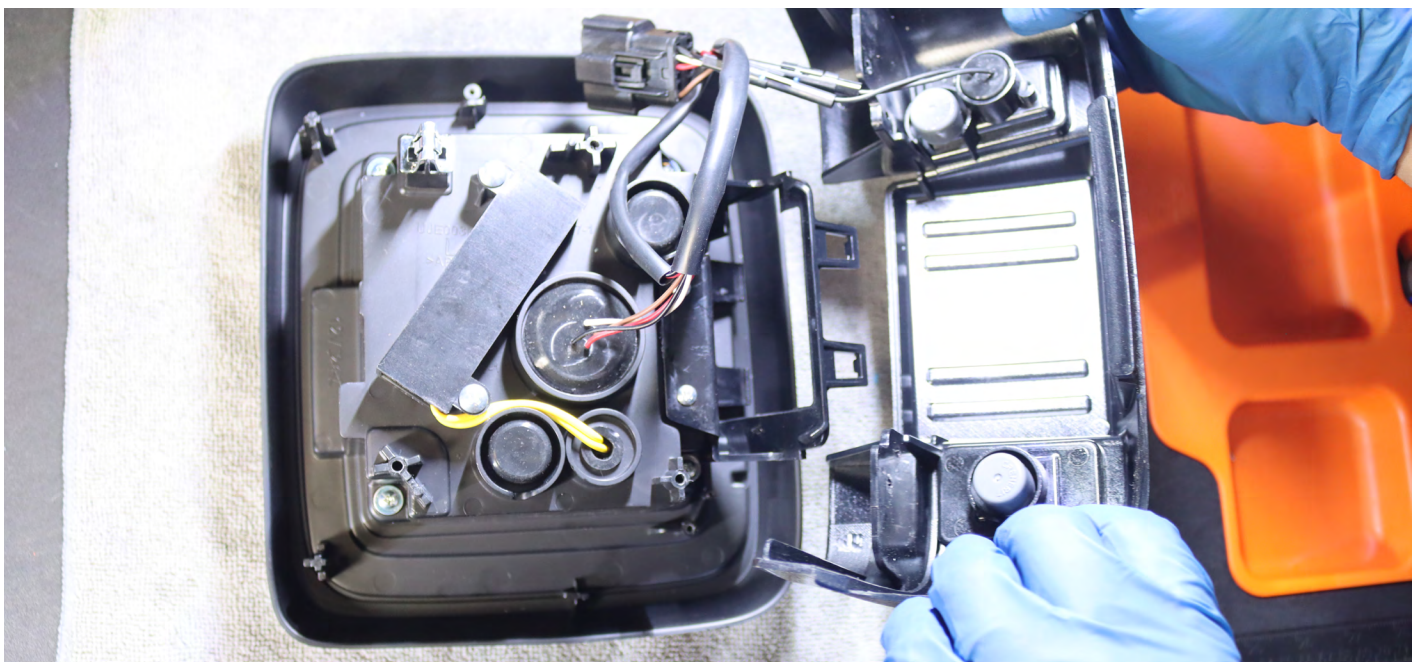


Continue with the installation by attaching the bracket and BSM sensor to the new AlphaRex Tail lights. Start by unscrewing the 5 screws securing the sensor cover.

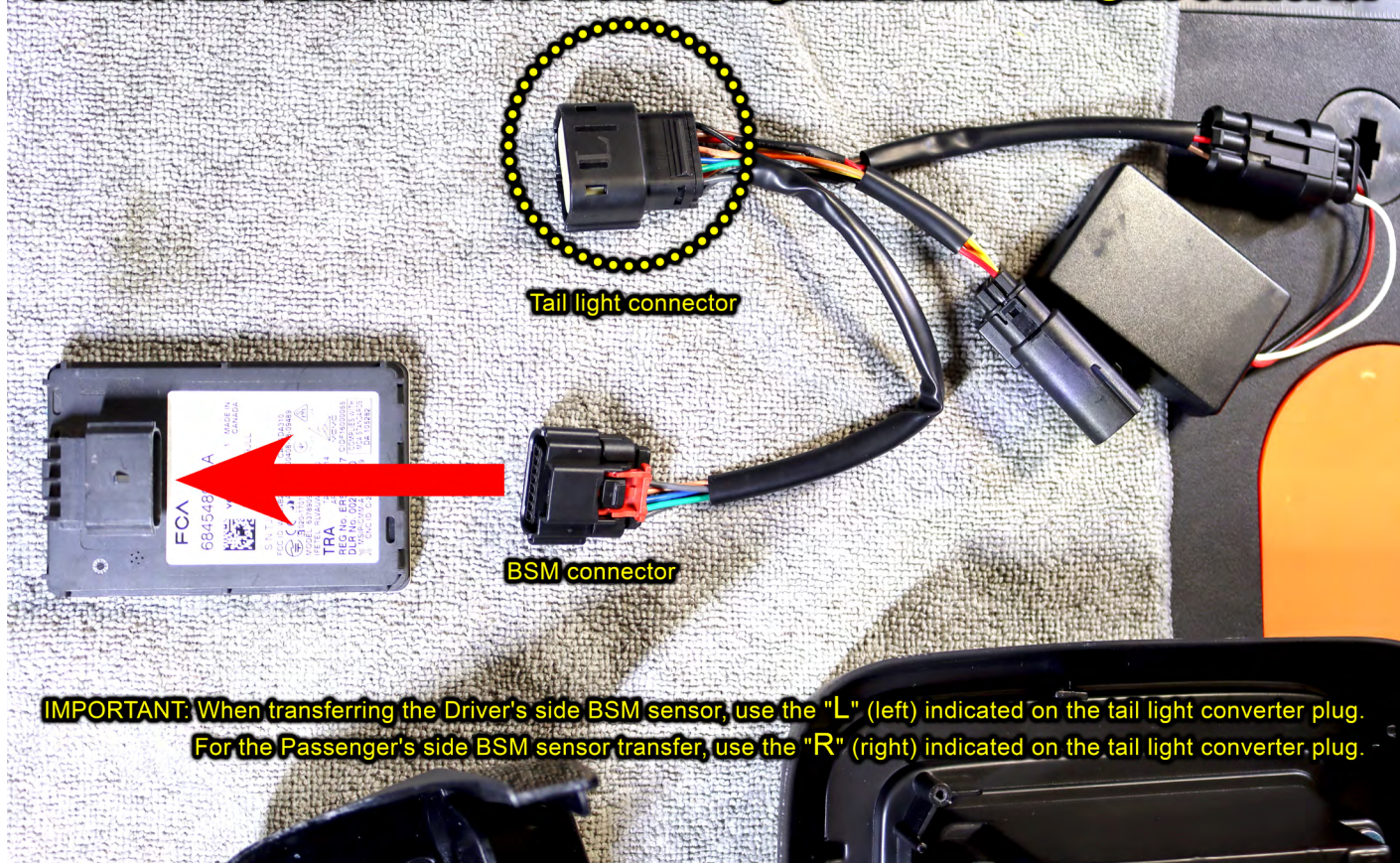




Prepare to remove the BSM sensor cover for the transfer. Prior to proceeding, utilize the optional AlphaRex LED Tail Lights wire converter to connect the BSM sensor.



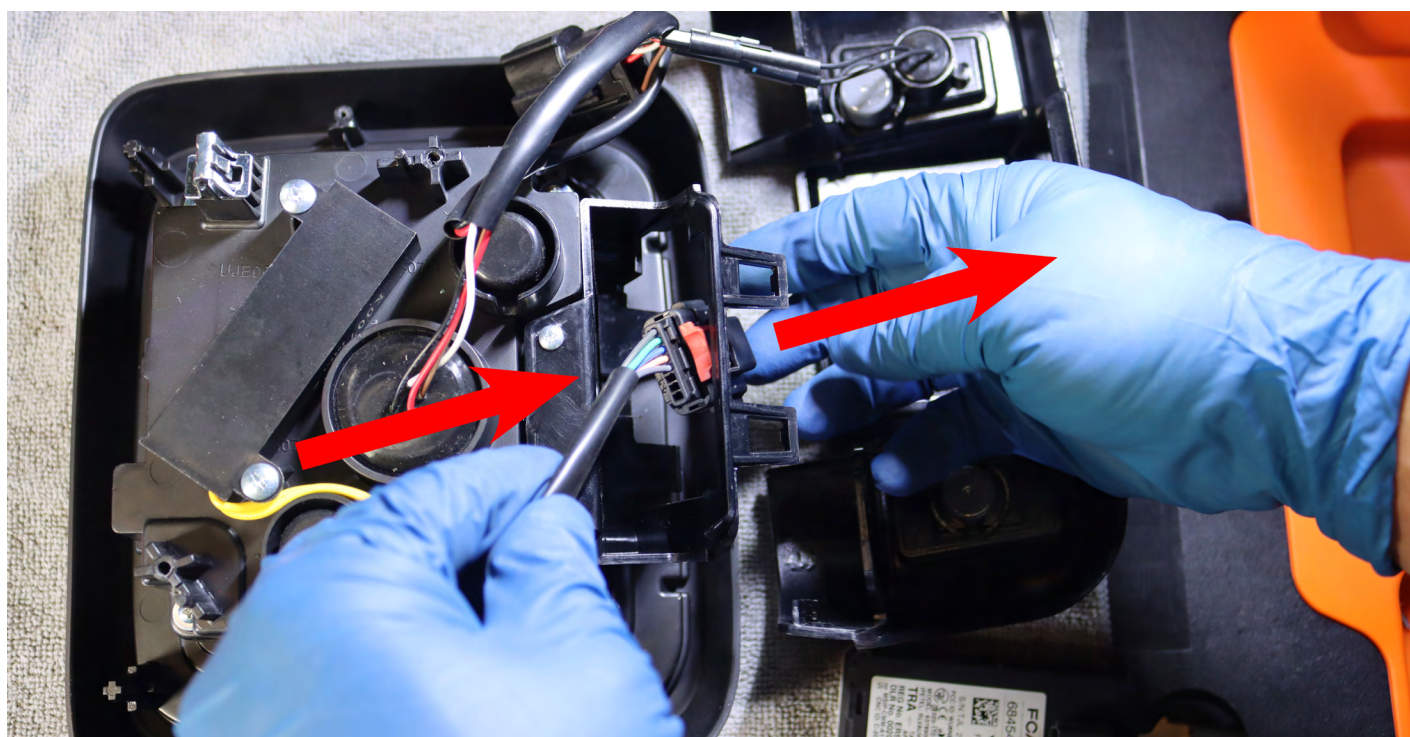
connect the BSM connector from the AlphaRex LED Tail lights converter



Connect the BSM connector from the optional AlphaRex LED Tail lights converter

IMPORTANT: When transferring the Driver's side BSM sensor, use the "L" (left) indicated on the tail light converter plug. For the Passenger's side BSM sensor transfer, use the "R" (right) indicated on the tail light converter plug. DO NOT USE DIELECTRIC GREASE!

Begin by threading the BSM wire connector through the BSM sensor tray.

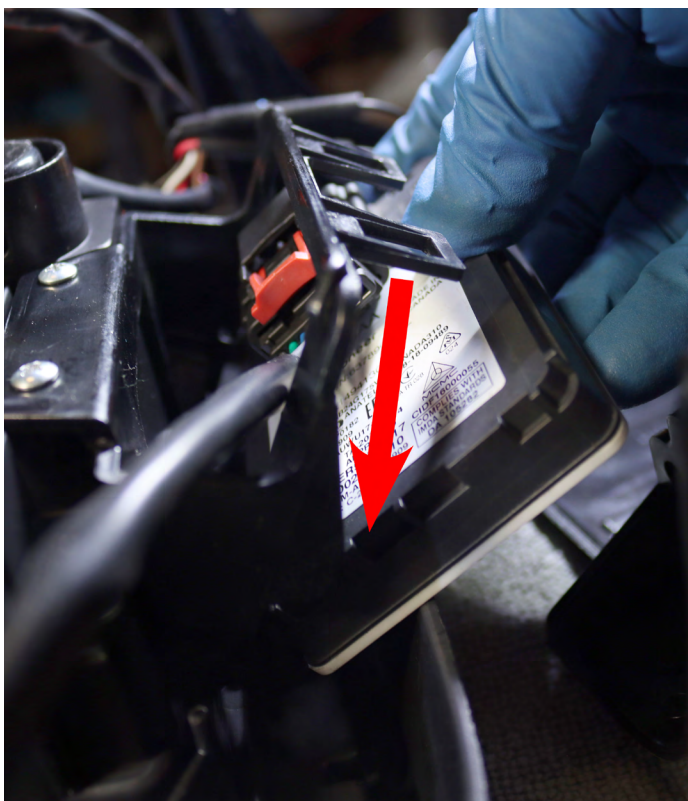




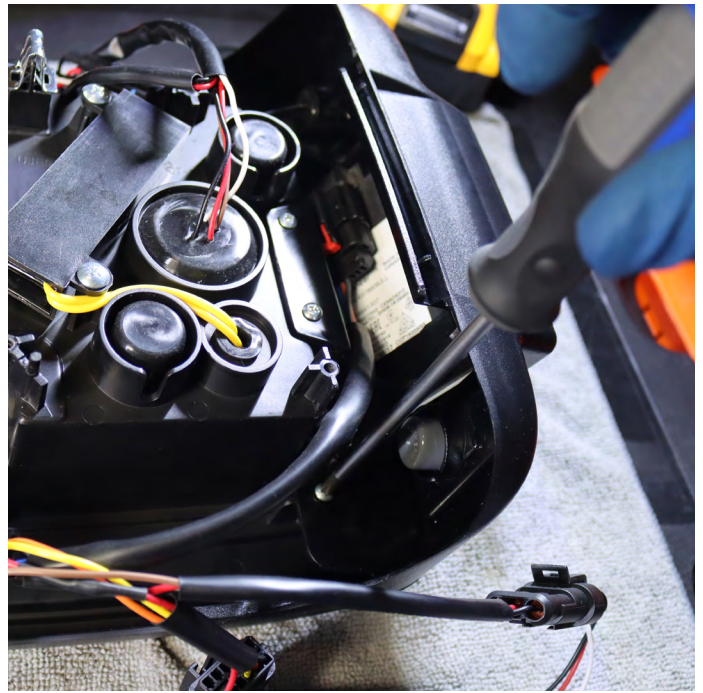
Connect the plug to the BSM sensor. Ensure the plug is securely fastened by using the red clip to lock it in place. **DO NOT USE DIELECTRIC GREASE!**

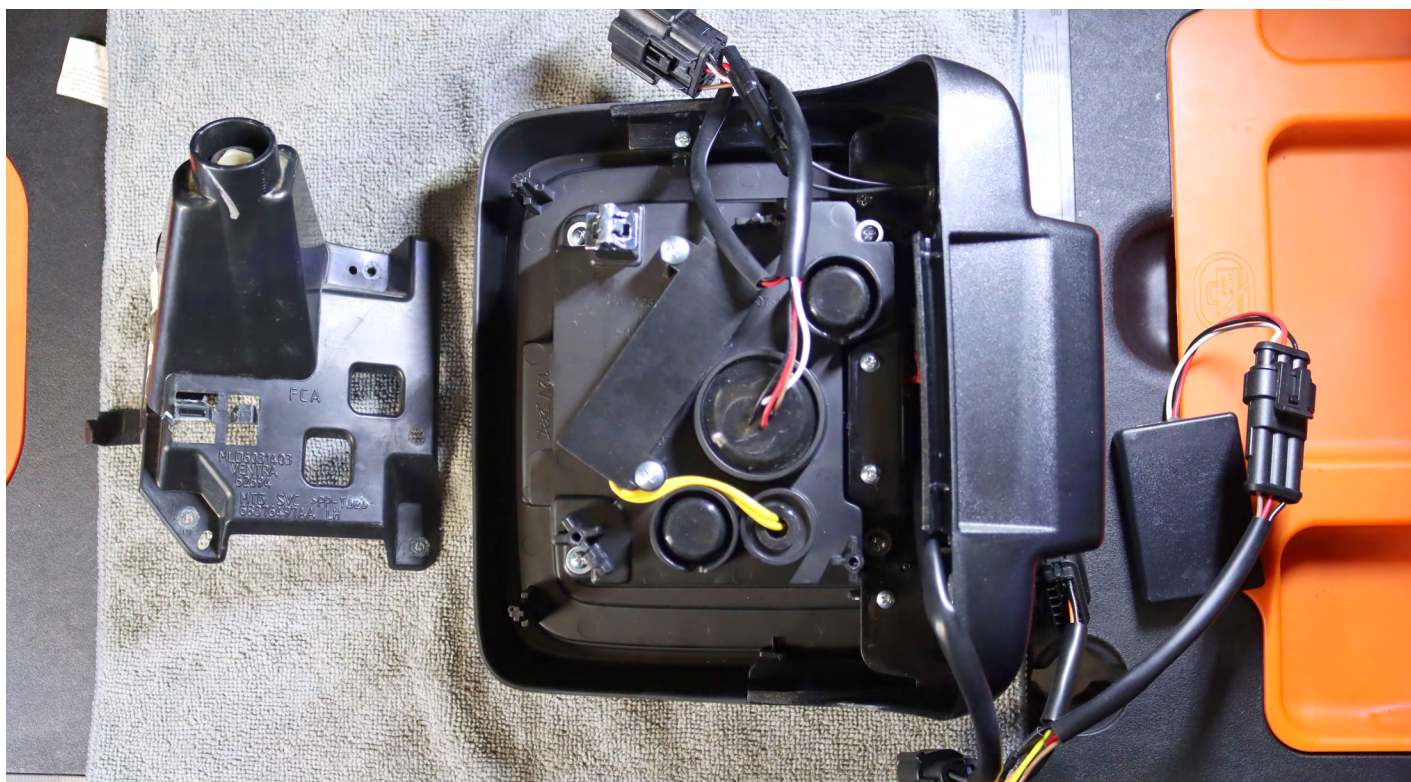


Next, insert and securely install the BSM sensor into the tray.

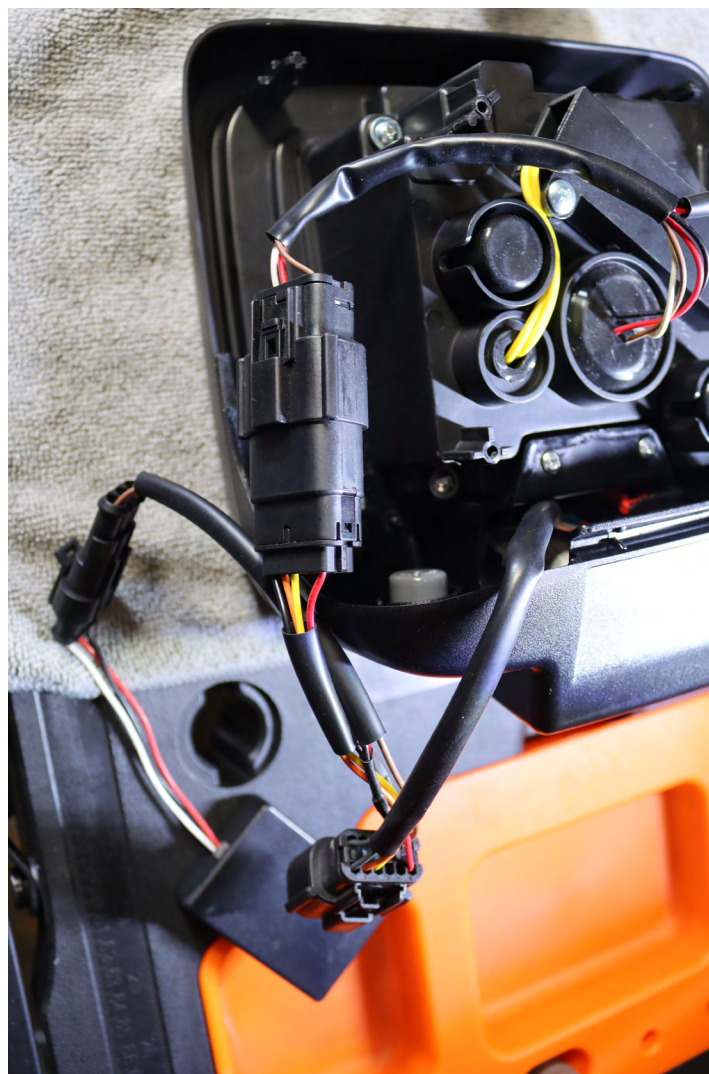


Reinstall the cover onto the tail light assembly. Be certain to secure all five screws back in place.





Before installing the tail light assembly bracket, ensure you connect the optional AlphaRex LED tail light plug connector to the tail light assembly. **DO NOT USE DIELECTRIC GREASE!**





Position the bracket into the screw holes and secure all the screws tightly into place.
Follow the same steps for the other side of the tail light assembly.



PART II INSTALL ALPHAREX TAIL LIGHTS



STEP 1. INSTALL THE TAIL LIGHTS

Connect the light sockets into the tail light assembly.

DO NOT USE DIELECTRIC GREASE!



To complete the installation, reverse the procedure used for removal.



STEP 2. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX **18-24 Jeep Wrangler JL LED TAIL LIGHTS**.

