



Crawford Performance Overland Series
Hood Light Pod Bracket
2019+ Forester

L0004 Parts List

Part Number	Quantity	Description
L2260	2	Light – Directional 90 degree LED Light Pod
W2202	1	Wire – Forester hood Pod Harness
B227-1	1	Bracket – Hood Light Pod Mounting Bracket



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Hardware:



Tools Needed:

3/8" Ratchet 12 MM Socket 10 MM Socket 5 MM Allen Wrench 13 MM Wrench Flathead Screwdriver



Recommended Tools:

- Power Drill
- Step drill bit
- Zip Tie Cutters
- Heat gun
- Wire crimper
- Electrical plug pick

Estimated Install Time: 2-3 Hours

Install Difficulty: 5/10

Hood Bracket Installation Instructions

1. Open the hood of your vehicle and locate the hood mounting brackets near the left and right edges of the hood closest to the windscreen.



2. Remove lower hood bracket nut on one side of the vehicle. (12 MM socket) **Perform this on one side at a time to avoid misaligning the hood.**



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3. Slide a zip tie through the CP logo slits as shown. This will be used later on.



4. Align light pod bracket with hood mount bracket. Fasten to hood with the Factory 12 MM nut removed in step 2. The hood bracket nut closest to front of vehicle does not require removal, the light bracket uses this nut to align properly on vehicle.



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5. Make sure bracket is tightly fastened to the hood. Repeat for the opposite side of the vehicle, making sure to only remove specified fastening hardware.



Wiring Harness Installation Instructions

The beginning portion of the Forester hood pod wiring installation instructions is shown using our Crosstrek hood light pod instructions because the processes are the same for both vehicles. There will be a notification telling you when the Forester Specific instructions begin.

1. Remove the positive battery terminal and set on rag to avoid shocking or sparks.

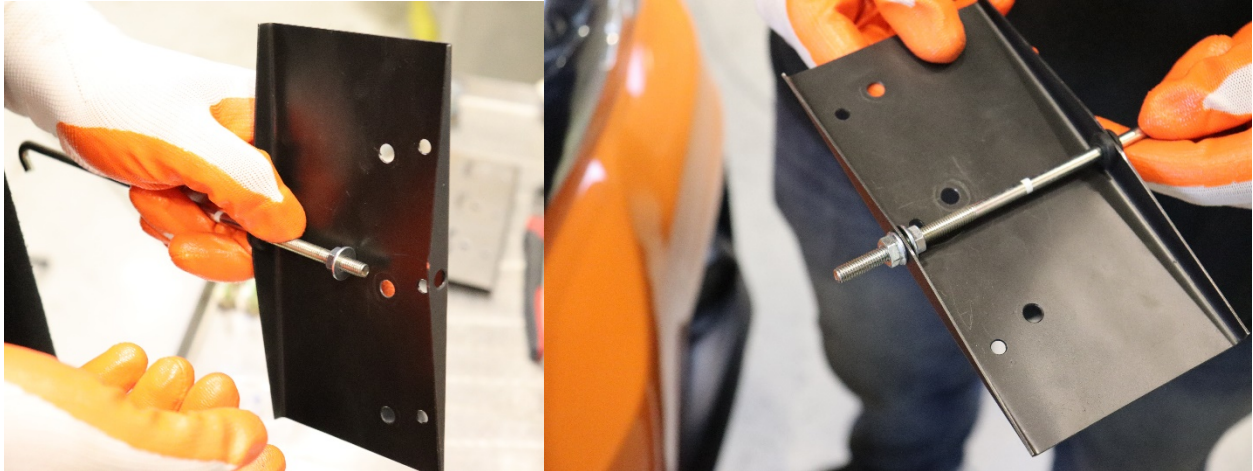


2. Remove the Battery Brace Strut. (10 MM Socket)

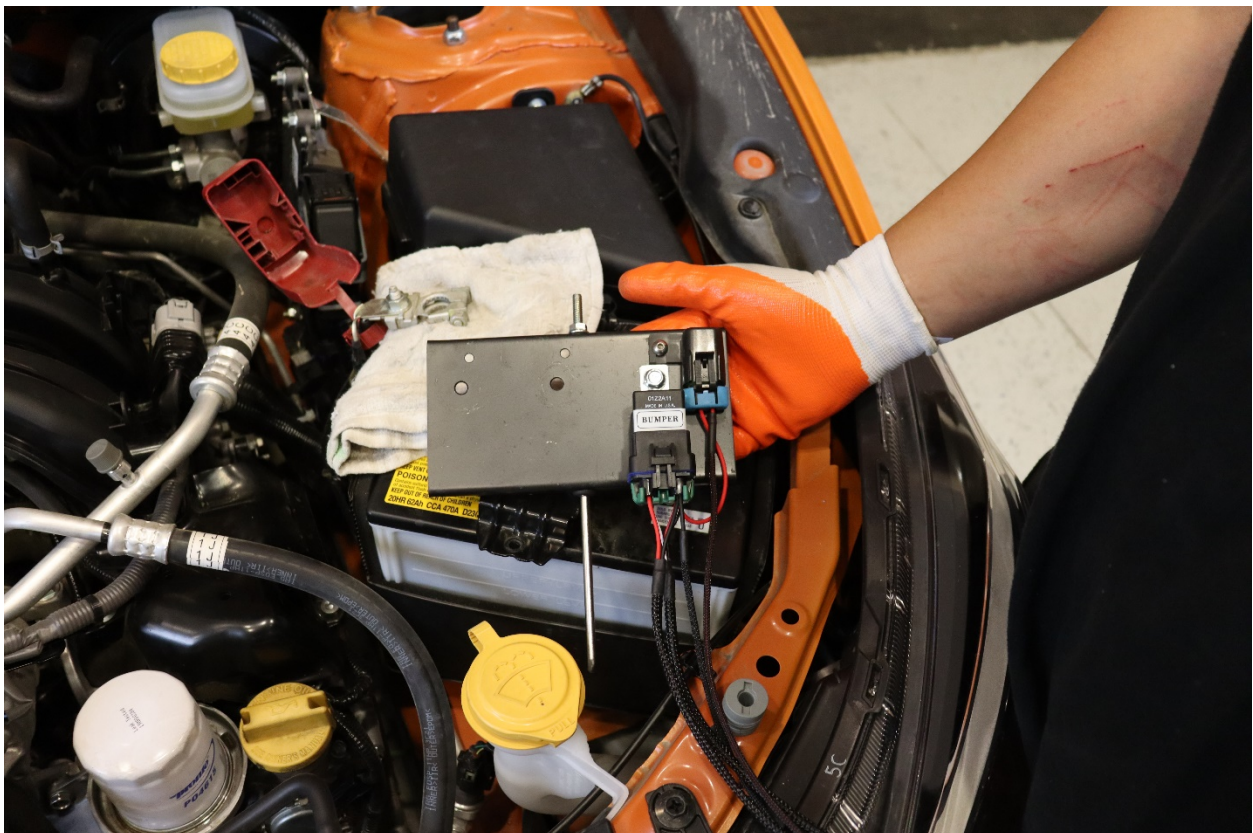


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3. If the optional circuit board bracket was purchased with the kit, slide the bottom end of the relay mounting plate over the battery brace strut. Thread the supplied nut onto the strut about 2 inches down the strut body. This nut will be used to support the relay plate and prevent it from sliding. Slide the strut through the top of the relay plate and pinch it in place with another provided nut. If the circuit board bracket is not being used, you will need to find another spot to mount the relays and fuses.



4. Attach the hood light pod relay to the relay plate. (position on the plate does not matter)



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5. Secure the battery strut and relay plate by re-inserting it back to its OEM position and securing with the OEM nut removed in step 2. (10 MM Socket)



6. **Begin Forester Specific Instructions:** Lay wires aside to avoid damage or tangling.



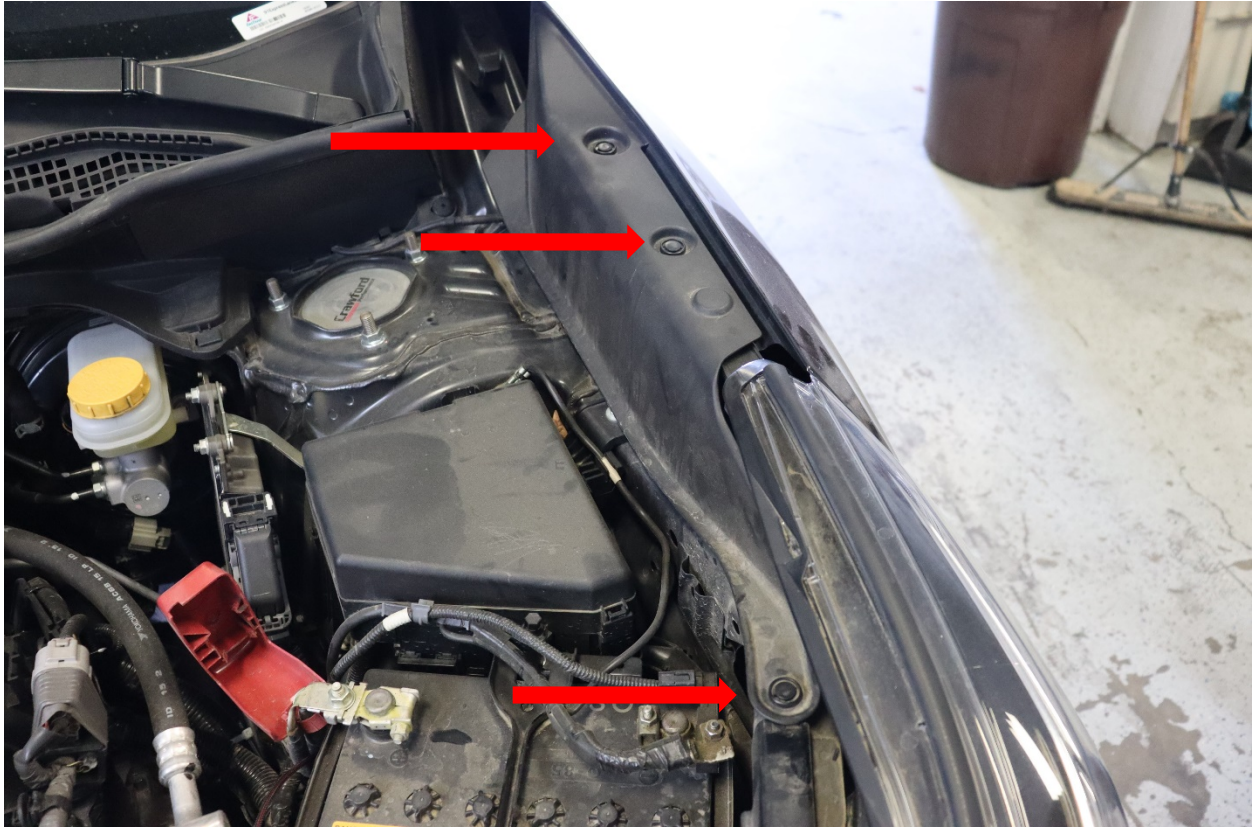
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7. Prep the area circled below in preparation to receive a sticky tab to fasten your wires. Clean with Brake clean or some other degreaser/cleaner to get the best results and attach the sticky tab. Fasten the wires once the tab is set, but do not cinch down on the wires.



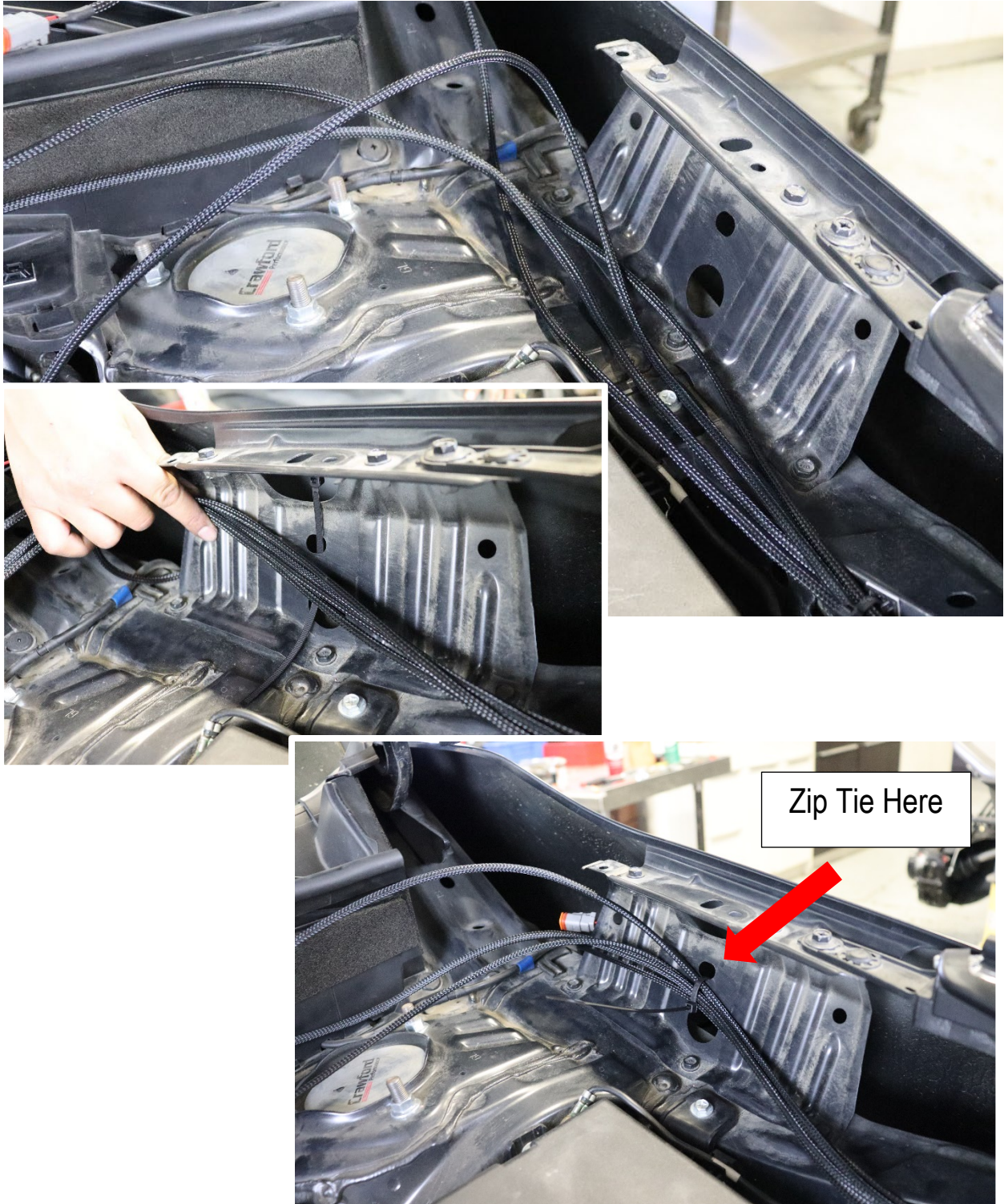
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8. Remove the plastic fender trim on the driver's side of the engine bay by releasing the indicated plastic clips. (Flat Head Screwdriver)



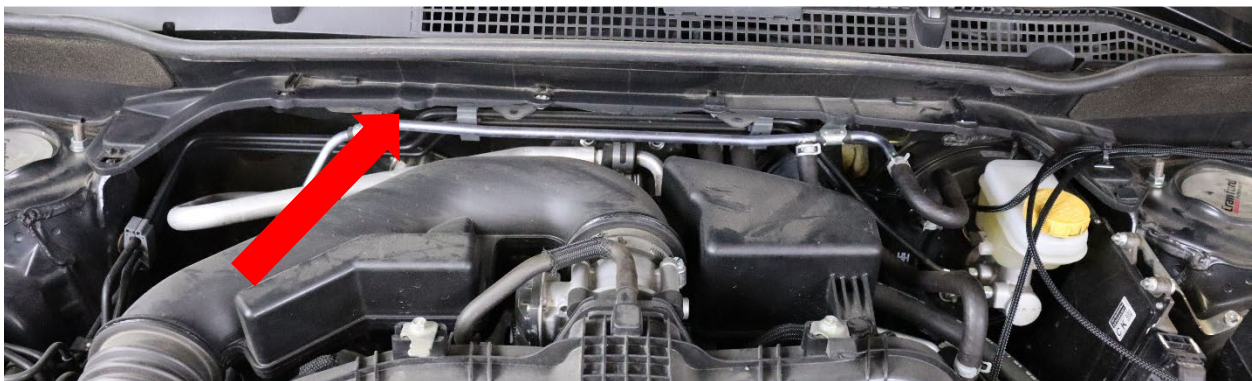
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9. Route your plug and switch wires towards the top of the engine bay as shown. Loosely zip tie the bundle to the fender support indicated below, allowing enough slack for the switch wire and passenger hood pod wire to be installed. Leave the short pod connection wire near the driver side hood bracket. You should only have 3 wires with this kit, we have an extra shown for another component, but the routing remains the same.



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10. Clean off the areas indicated below in preparation for sticky tabs to be placed. Once cleaned, place down the tabs. **Do not** fasten any wires into them yet.



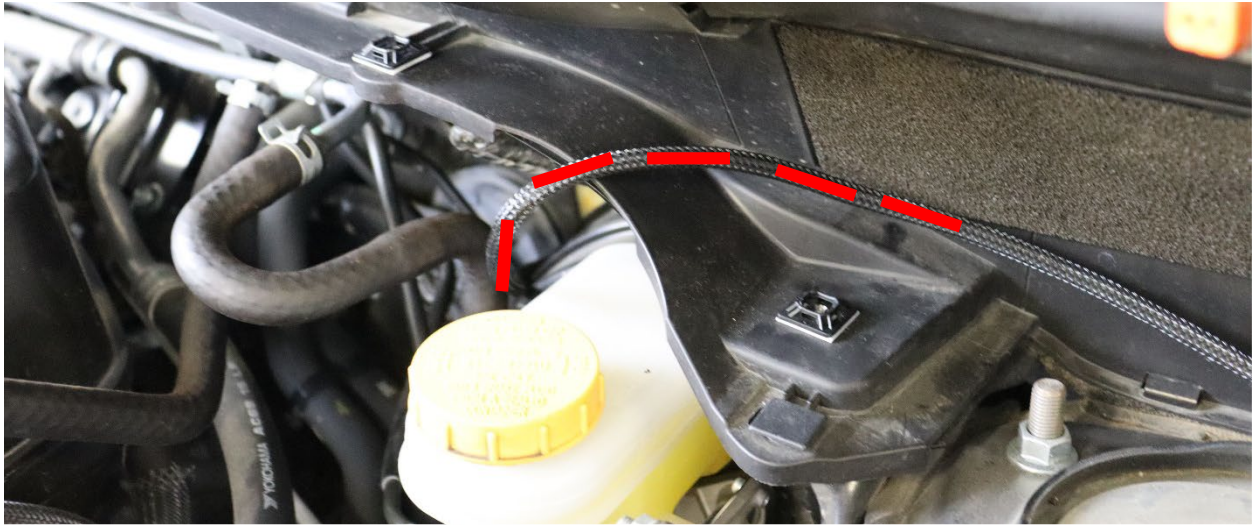
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11. Next will be routing the on/off switch to the interior of the vehicle. Start by removing the plug in your firewall behind the master brake cylinder. The hole is shown below after the plug is removed.



12. Route your switch wire into the vehicle through the hole mentioned in step 11. It will be easier if the switch is removed. Take note of the wire orientation after removal. The black wire is on the gold terminal, the white wire is on the middle terminal, and the red wire is on the top terminal.





Interior view under
driver side dash



13. Route the switch wire so that it is behind the interior fuse panel as shown.



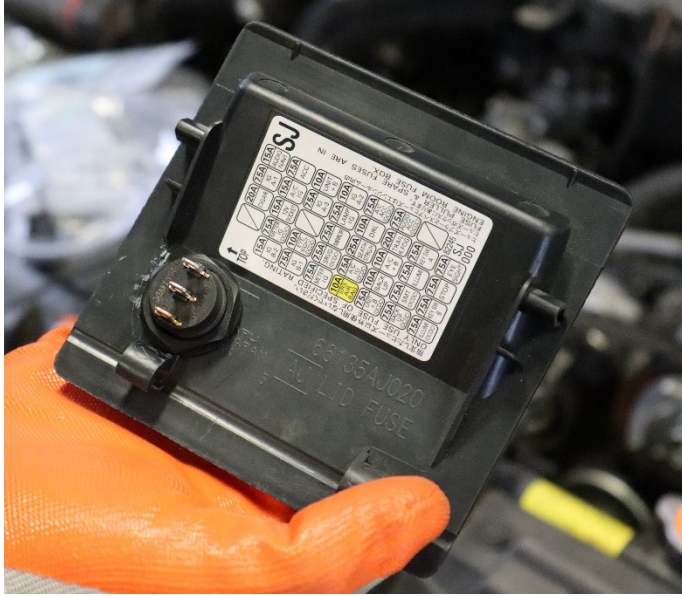
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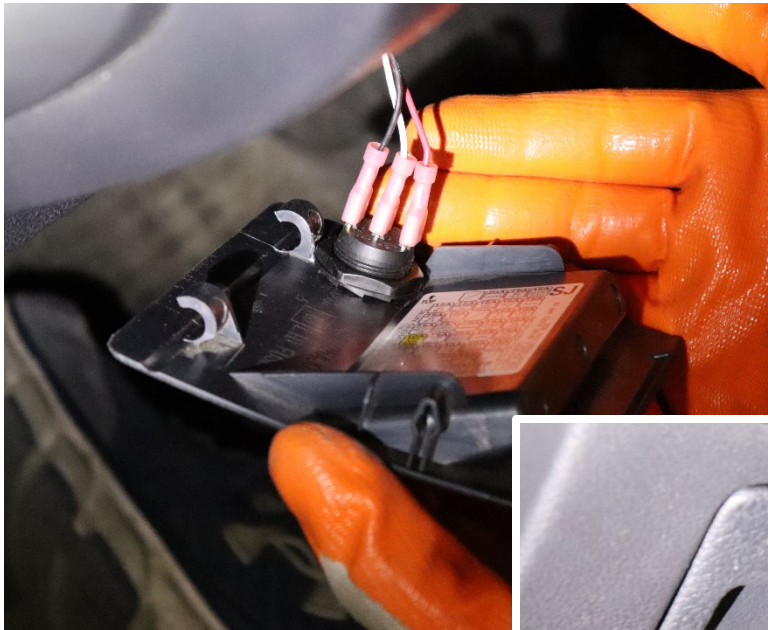
14. Drill out your fuse panel cover to receive the switch. You will need about a 3/4" hole for a tight fit.



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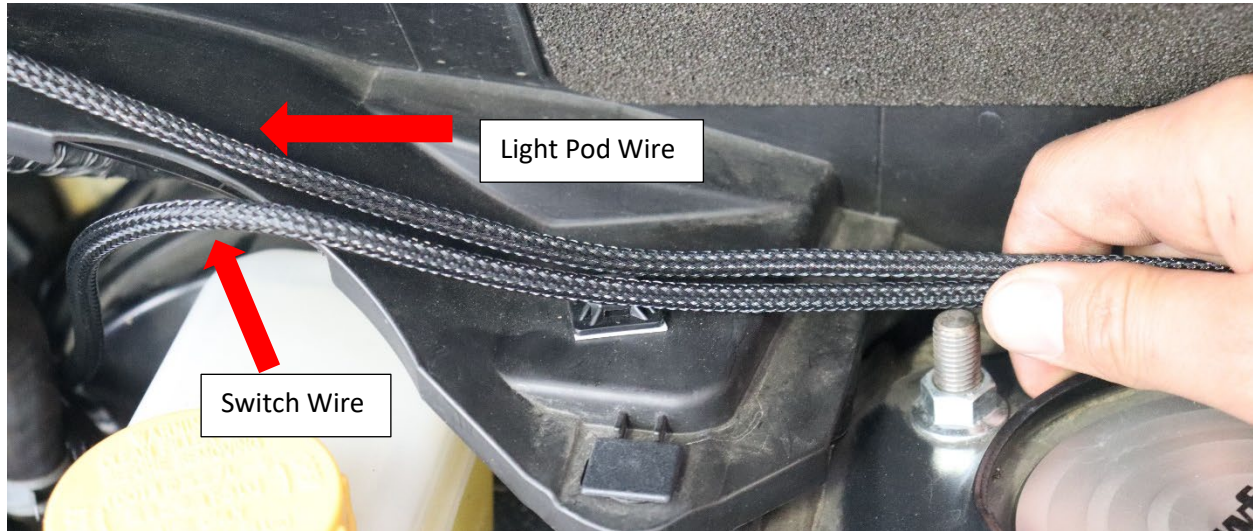


15. Rewire the switch as shown. Black wire on the gold terminal, white wire on the middle terminal, red wire on the remaining terminal. Once completed, reinstall the fuse panel cover.



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16. Move back to the engine bay of the vehicle. Run the longer pod wire across the top of the engine bay where you placed the sticky tabs in step 10. Loosely fasten the wires into the sticky tabs with the provided zip ties as shown. The switch wire and the light pod wire will run through the first sticky tab together. The remaining tabs are for the light pod wire only.





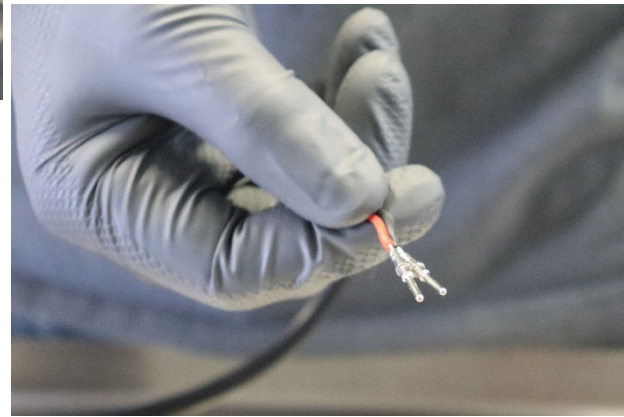
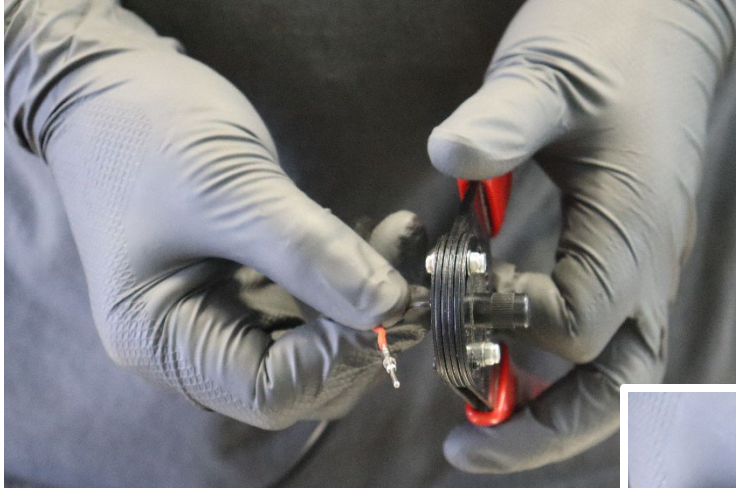
17. The next step will be preparing the light pods for installation.

Light Pod Preparation Instructions

1. If you have purchased the hood light pod kit with included light pods, skip to step 3. If you have bought separate light pods or bought the CDR series pods separately but have the CDR series wiring harness, follow the instructions from step one. **Specialty electrical tools will be required.**
2. Locate the wire Deutsch connector wire ends and crimp them to the raw light pod wire ends.



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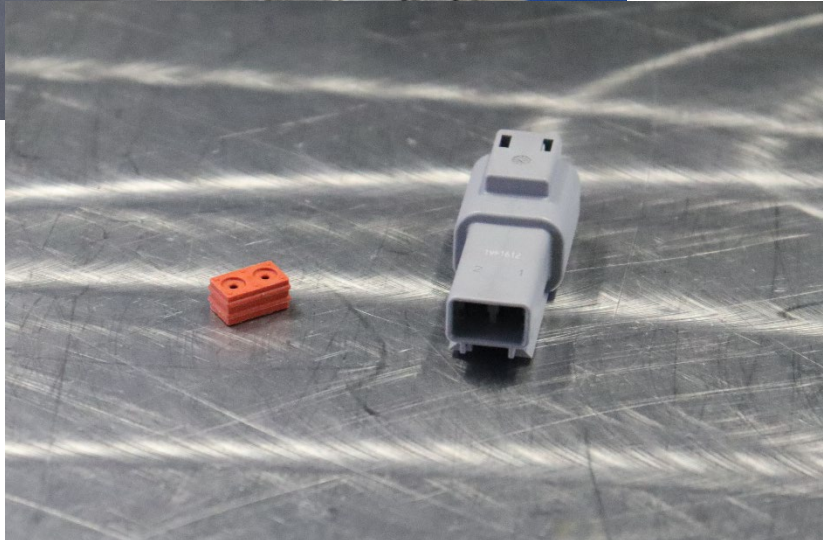
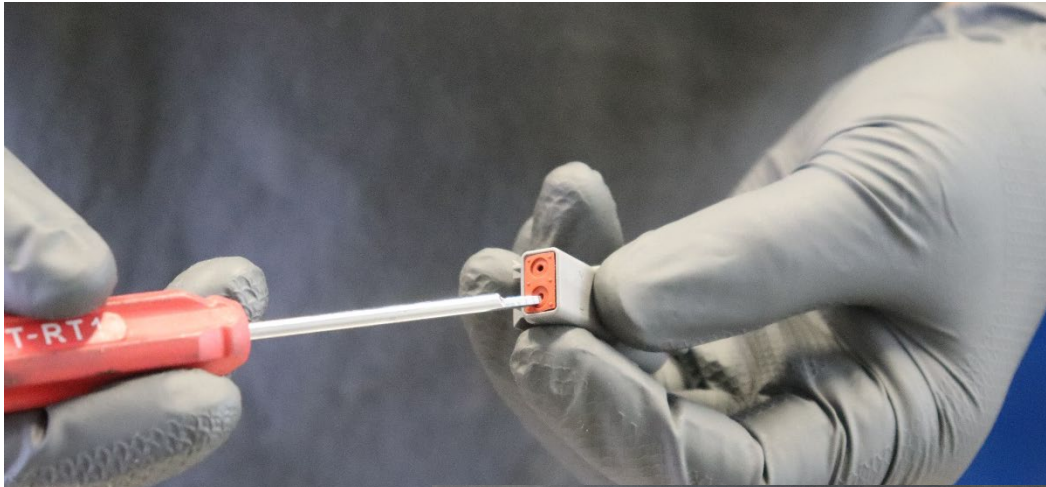


3. Slide the provided heat shield sleeve over the wire ends. This is simply to prep for later, do not apply heat yet.

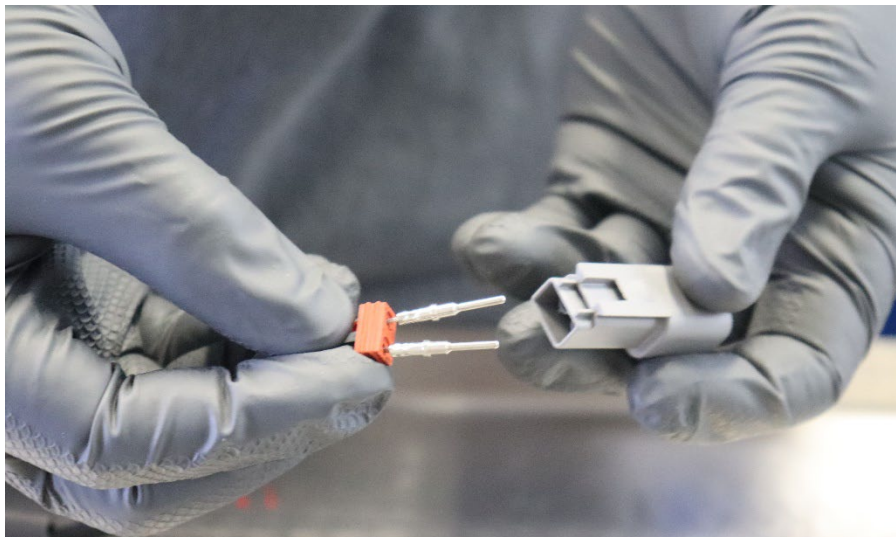


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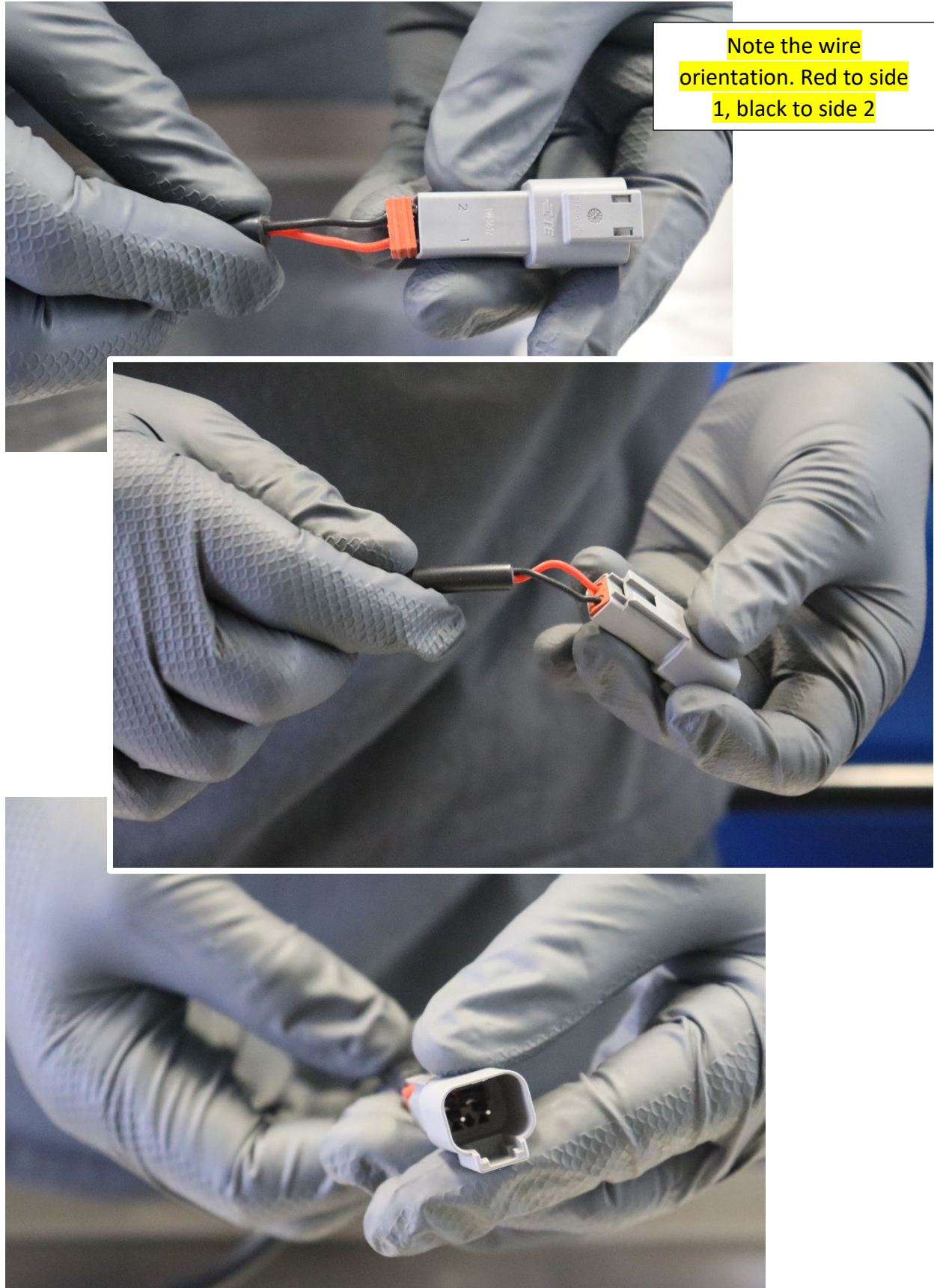
4. Remove the Deutsch connector dust plug from the male connector.



5. Slide the dust plug over the wire ends and insert the plugs as shown. You should hear a click when the prongs are inserted into their respective slots.

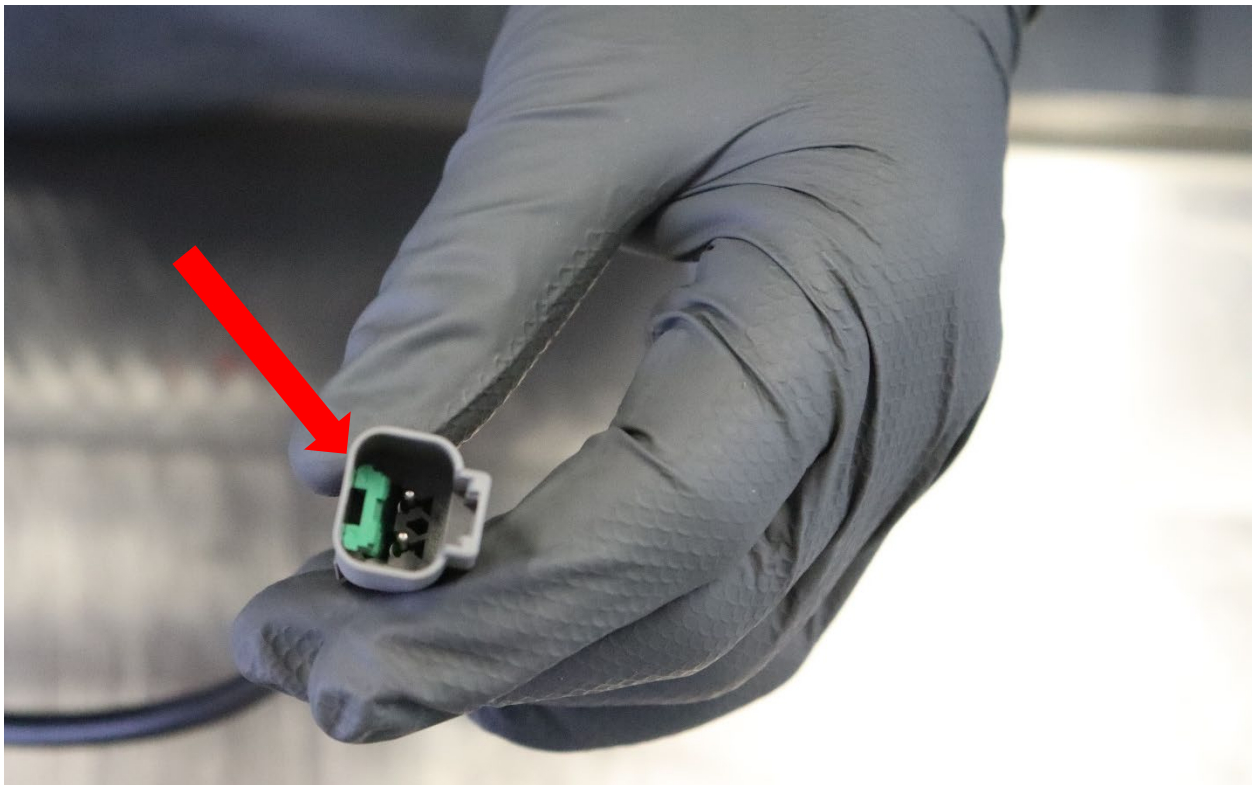


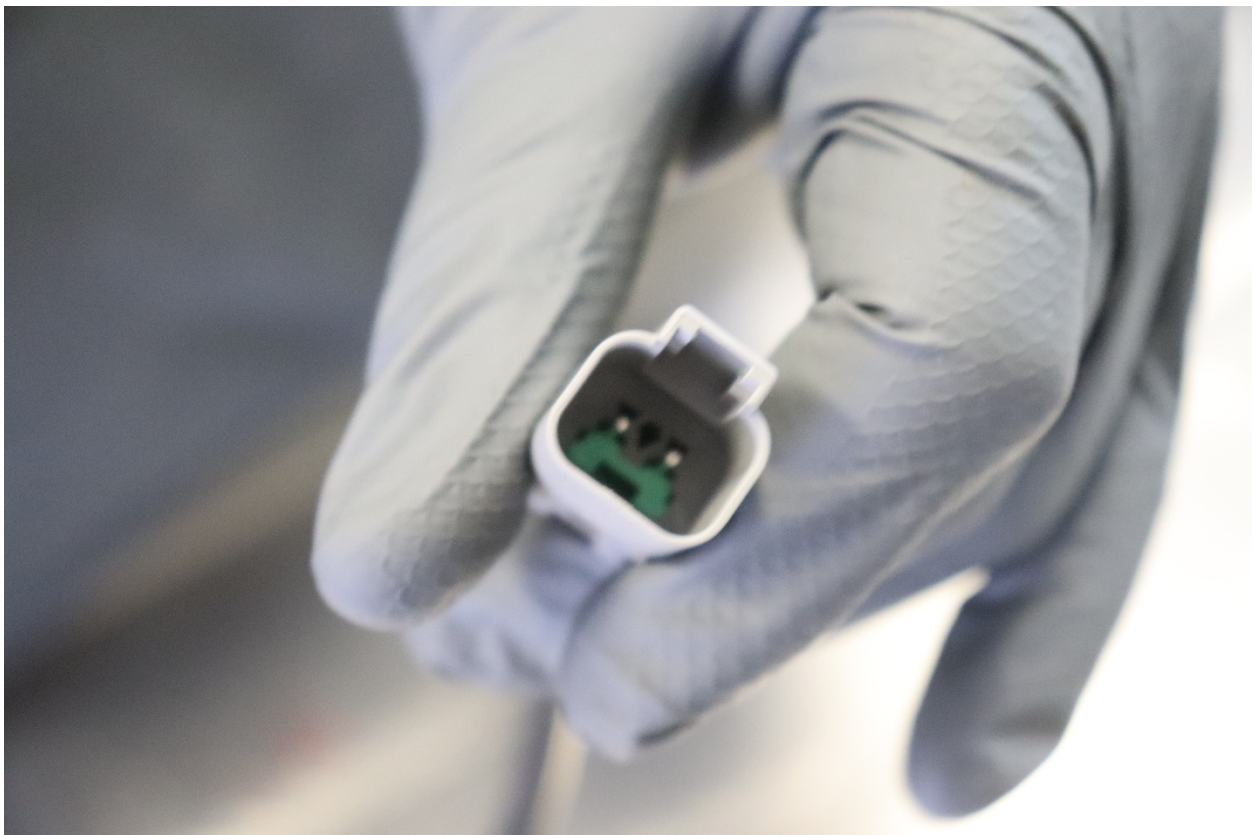
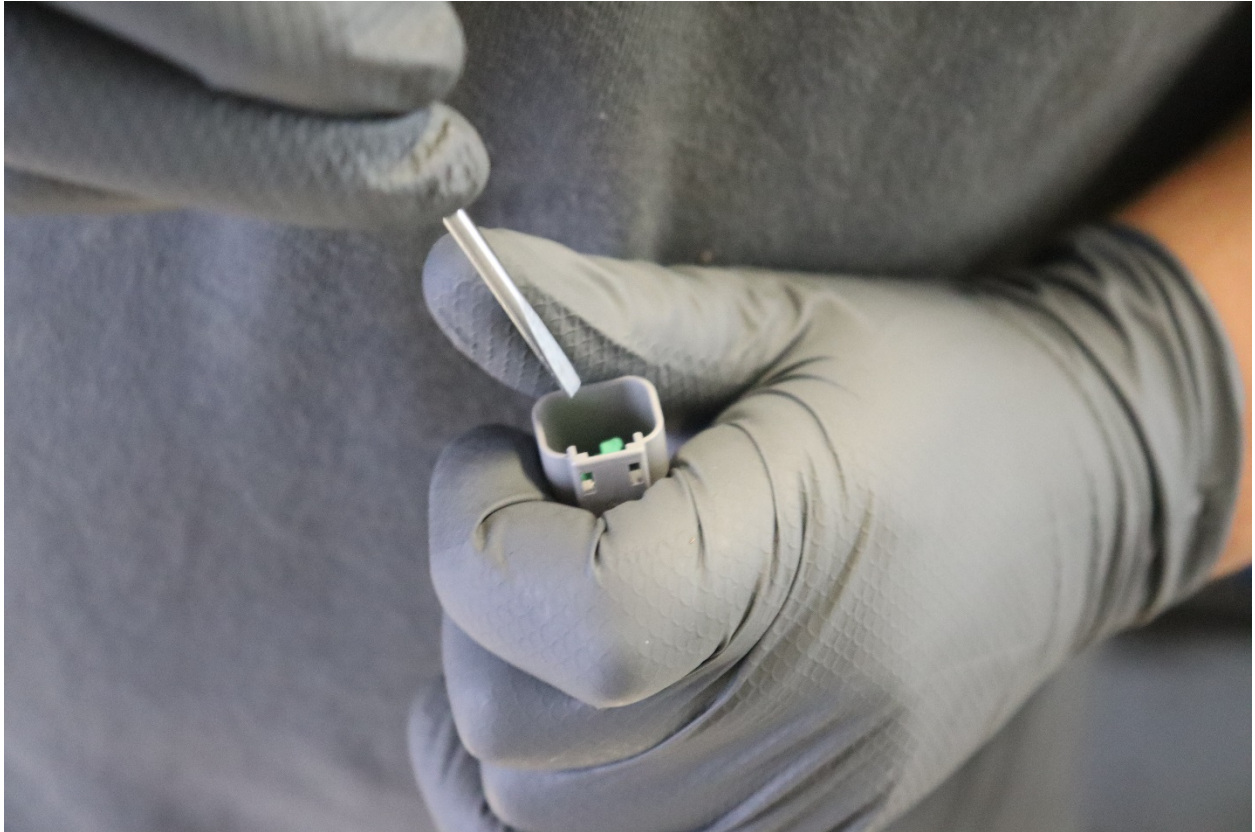
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6. After the wire prongs are in place, the green wire locking mechanism needs to be inserted into the plug using a flathead screwdriver. It will be inserted into a slot directly below the wire prong ends that show in the connector body. Be sure to insert this clip correctly.





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7. Once the wire ends are locked into the plug connection body, slide the heat shrink from step 3 into position so that the wires are either not showing or barely showing.



8. Apply heat to the heat shrink.



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9. This plug is now ready to be connected to the wiring harness detailed in part one of this install sheet.

Light Pod Installation

1. After preparing the wires to receive the plugs, fit the 5 MM allen head stud into the pod bracket, and place it through the hood bracket mounting hole. Tighten down with the provided locking washer and 13 MM nut. Repeat for opposite side.



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2. Once the pod is mounted, route the wires so that they fit snugly against the hood bracket as shown. Use a zip tie to secure the wires into this position. Placing them here will allow for slack and enough space to open the hood without tugging at the wires. Fasten the hood pod wire to the zip tie on the pod bracket mentioned in part one of this install. Repeat step 1 and two for the driver side



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3. Returning to the engine bay, fasten the positive and negative eyelets to the battery terminals as shown using a 10 MM Socket/wrench. (10 MM Socket, Ratchet Wrench)



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4. Go back and make sure all connections and wires are secure. Tighten all zip ties mentioned in the installation procedure. Enjoy your new Hood light pods!



Thank you for choosing Crawford Performance!

Please feel free to contact us for any questions or comments! We are here to help. We understand this is a difficult install and we commend you for your efforts. Celebrate by cracking a beer and pouring one out for your chewed-up arms.

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