



Preparation:

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- We recommend reading through the installation instructions in whole before performing the work.
- When button head bolts are being used, install the supplied washer on the nut side. Then, hold the bolt stationary and only turn the nut to tighten. Do not turn the bolt to tighten hardware assembly, unless otherwise noted.
- Estimated Installation Time: **2 Hours for OEM Removal/Fender Installation**

This installation requires 2 people for best results

Labor Rates are based on a vehicle with no pre-existing damage. Wiring labor is based on a standard wiring procedure with light switches installed in an easily accessible location. Custom light triggering or switch mounting location will result in a greater labor charge.

You will need the following tools:

- | | | |
|----------------|-----------------------------|-----------------------------|
| - Ratchet | - 9/16" Wrench | - 10mm Socket |
| - 7/16" Socket | - 5/32" Allen Wrench/Socket | - 3/16" Allen Wrench/Socket |
| - 1/2" Wrench | - Drill | - 25/64" Drill Bit |

Included in Kit:

- | | |
|--|--|
| 16 - Button Head Bolts (1/4"-20 x 1") | 16 - Flat Washers (1/4") |
| 16 - Rivet Nuts (1/4"-20) | 2 - Button Head Bolts (5/16"-18 x 1") |
| 2 - Flat Washers (5/16") | 2 - Nylon Lock Nuts (5/16"-18) |
| 1 - Hex Head Bolt (1/4"-20 x 1 1/4") | 2 - Flat Washers (1/4") |
| 1 - Hex Nut (3/8"-16) | |



Installation:

1. Using a 10mm Socket, remove the bolt towards the front of the wheel well referenced in (Fig A).



Fig A

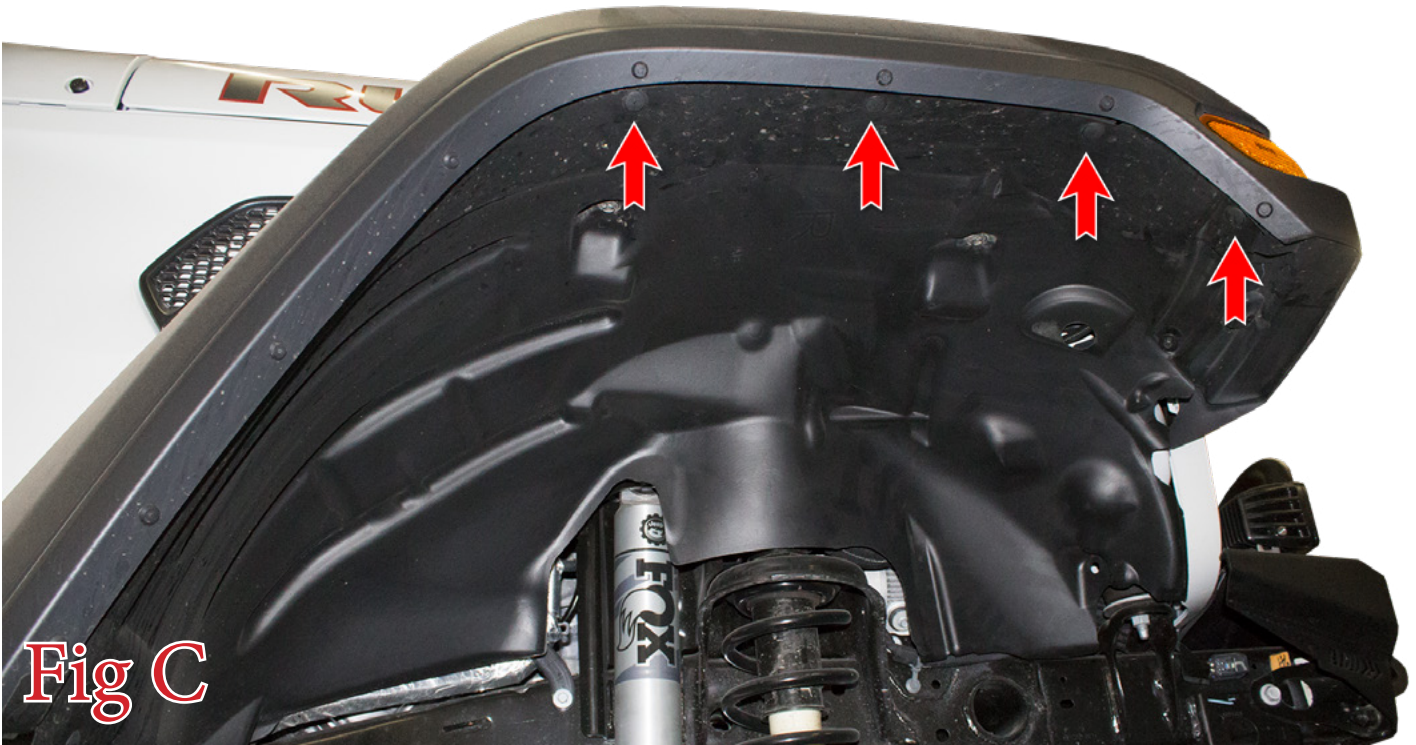
2. Using a 10mm Socket, remove the two bolts on top/center portion of the wheel well. (Fig B)



Fig B



3. Remove the four plastic clips along the top side of the wheel well. (Fig C)



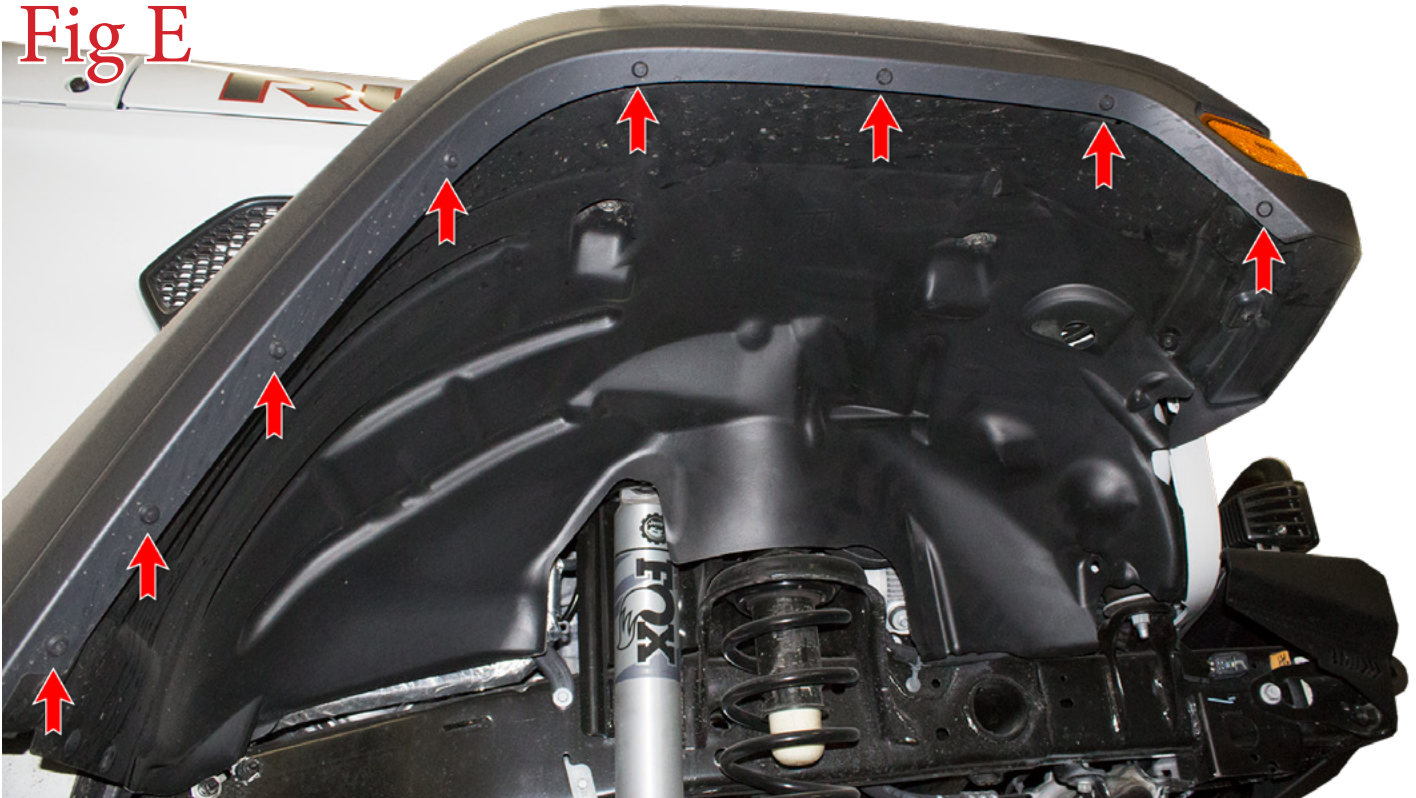
4. Remove the 2 plastic clips along the bottom/rear of the wheel well. (Fig D)





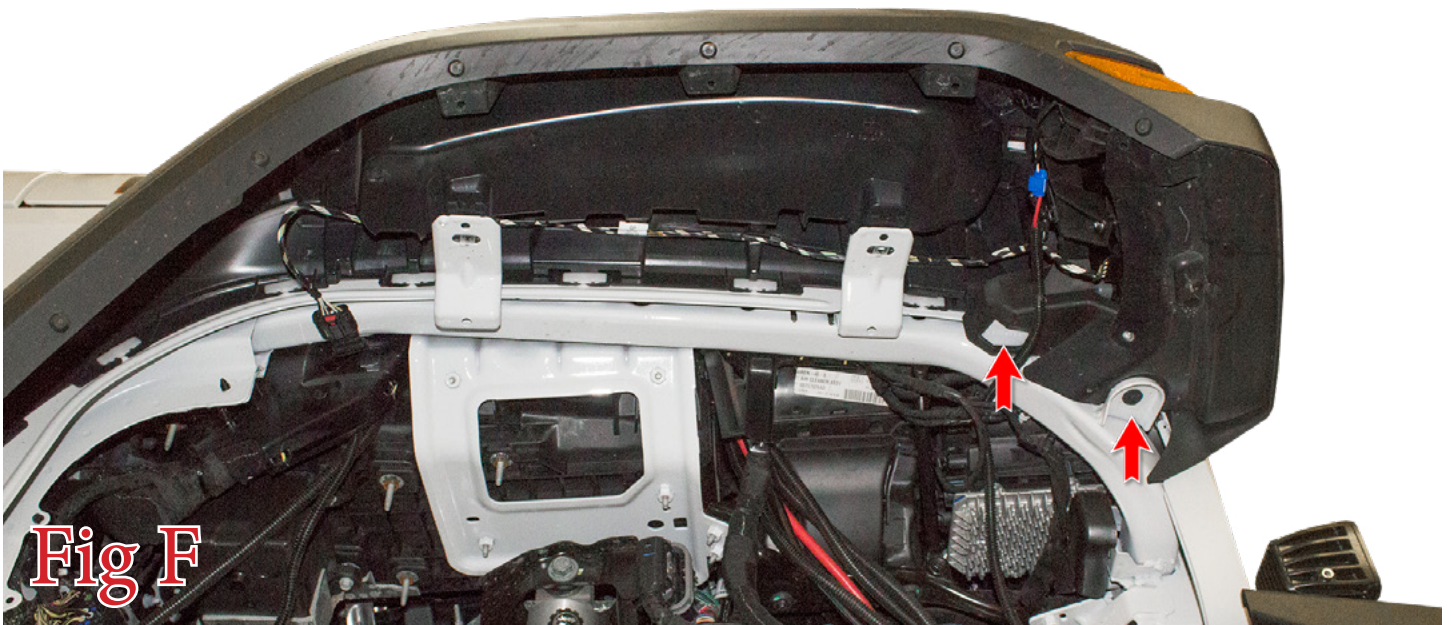
5. Release the series of push rivets that hold the inner liner to the fender on the outer edge of the wheel well.
(Fig E)

Fig E



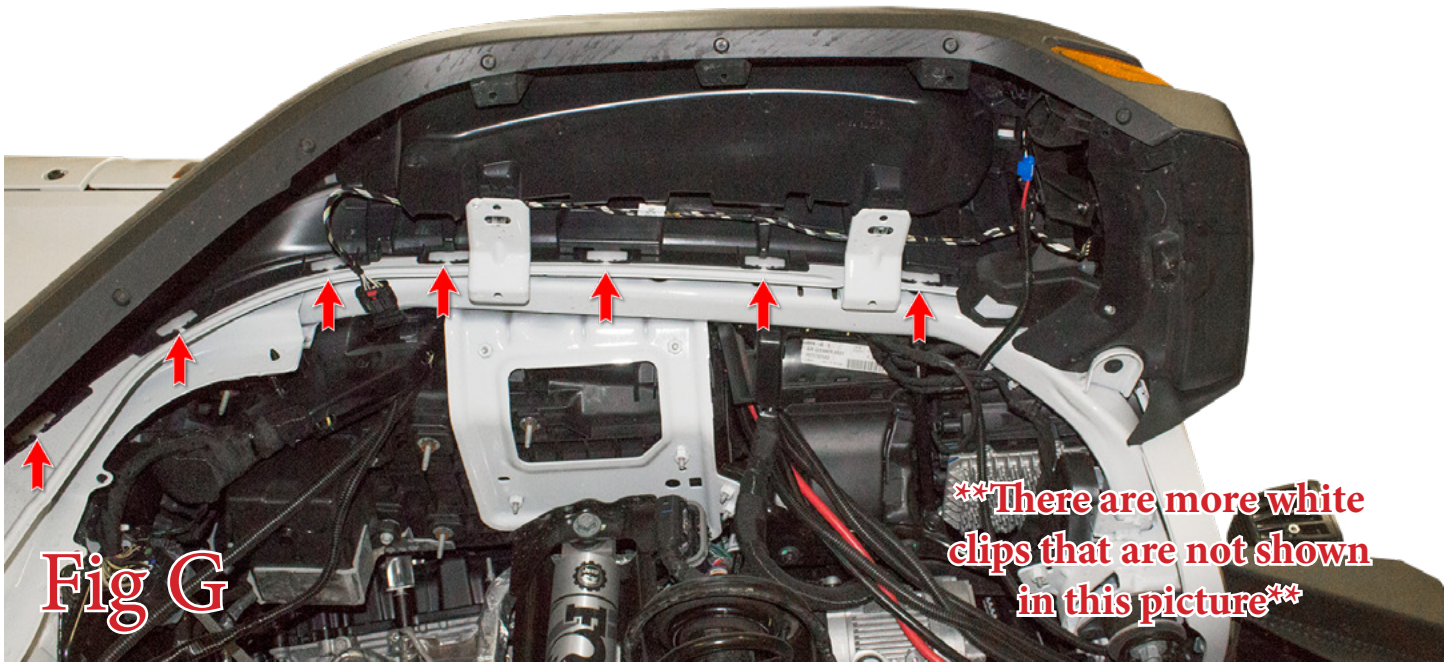
6. Pull the inner fender liner off of the vehicle.
7. Using a 10mm Socket, remove the two bolts in the front section of the wheel well. (Fig F)

Fig F





8. Release the series of white clips on the inner portion of the wheel well. Then, pull the OEM fender off of the vehicle. (Fig G)



9. Install the supplied Rivet Nuts (x7) in the holes that will be used to mount your fender (**except the very front mounting hole, do not do anything with this hole yet**). To do this, drill each hole to 25/64". Then, use the supplied 1/4"-20 x 1 1/4" Bolt (x1), 1/4" Washers (x2), and 3/8" Nut (x1) to make a rivet nut tool as shown in (Fig H). Push a rivet nut all the way into each newly drilled hole. While holding onto the 3/8" Nut with a 9/16" Wrench, fully tighten the 1/4" Bolt (on the rivet nut tool) into the Rivet Nut. Once it is fully tightened, remove the bolt from the rivet nut and move on to the next. (Fig I)

Drill Hole



Assemble Tool



Push Rivet Nut into Hole



Tighten Rivet Nut as Shown





Fig I

10. Use a cutoff wheel or something similar to cut off the tab referenced in (Fig J). **Make sure to paint over any bare metal when you are done cutting.** Hold the fender up so you know what areas will be covered. For the best look, do not grind paint off any areas that will be visible once the fender is installed.

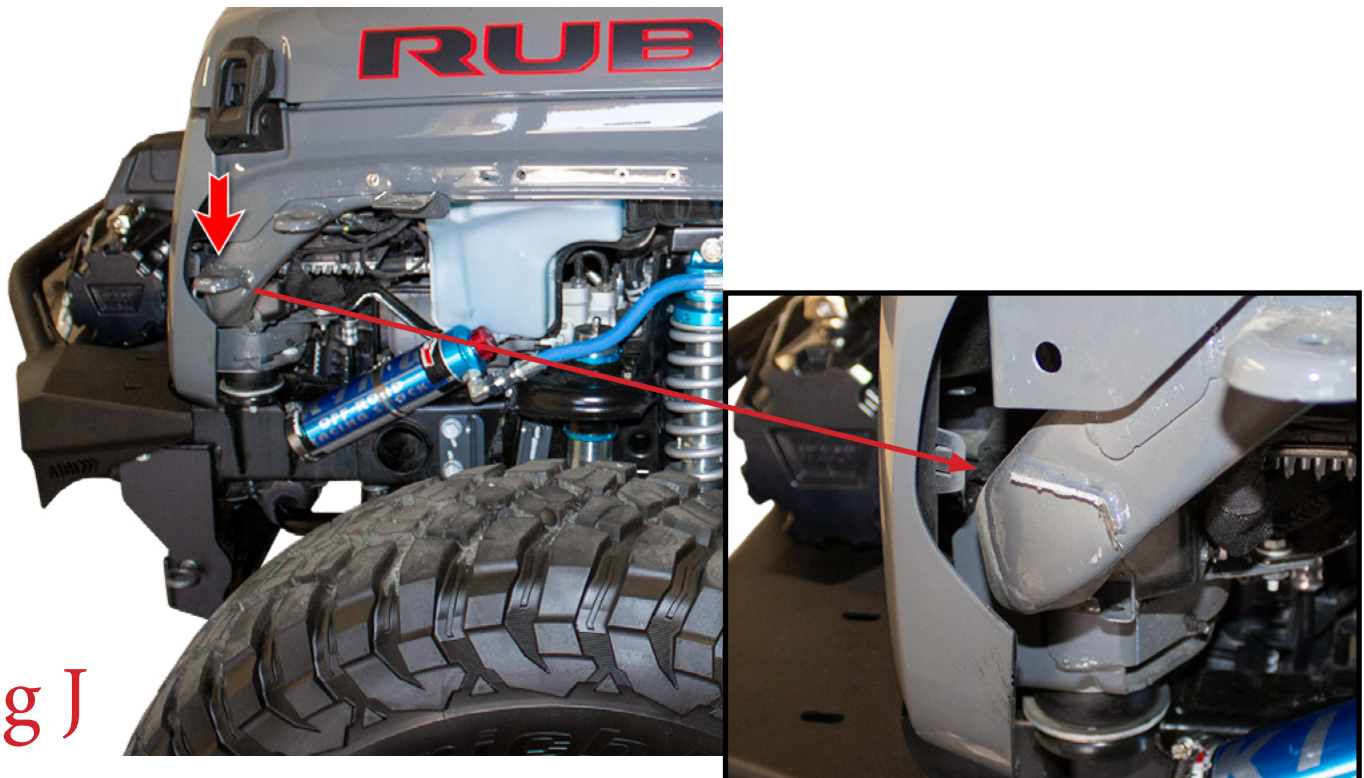
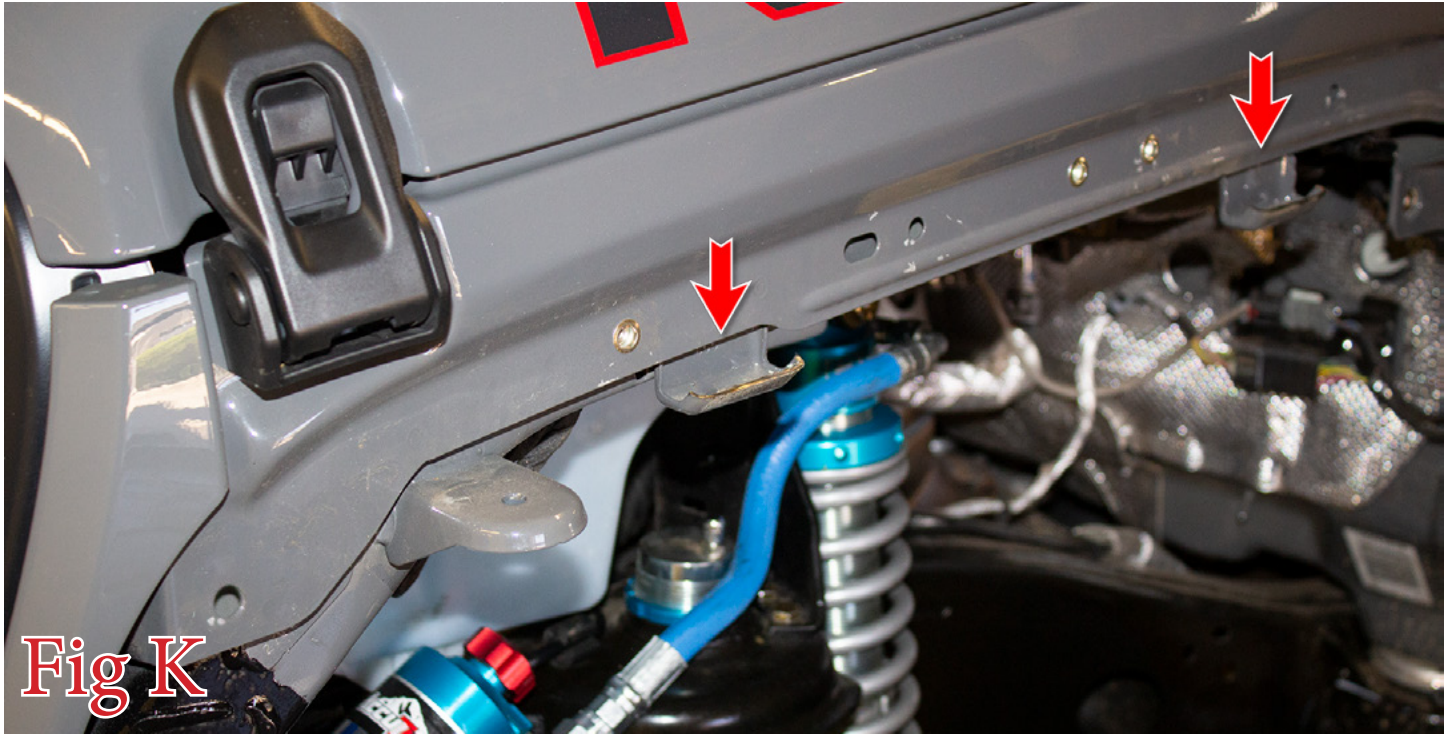


Fig J

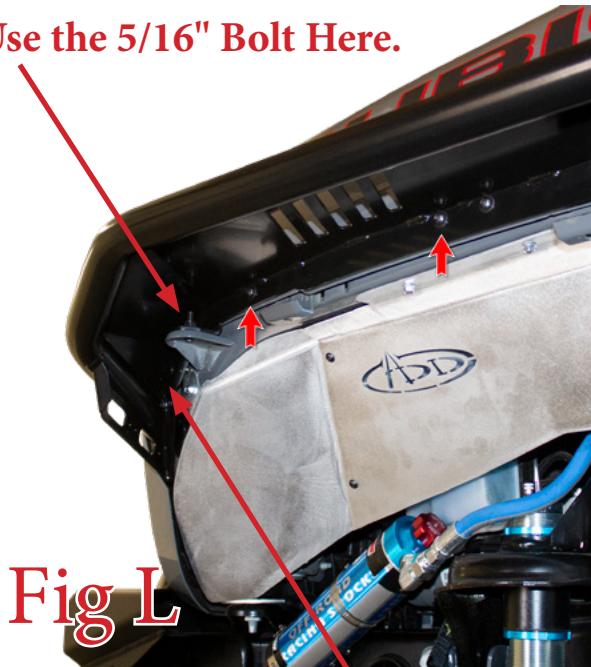


11. THIS STEP IS OPTIONAL. For aesthetics, you can cut the two fender liner brackets off. We left the bottom hook portion to cradle the wire harness later on in the install. (Fig K)



12. Put the fender in place and install all but the very front mounting bolt (7 total). Use one of the supplied 5/16" Bolt/Washer/Nut (x1). Then, use a permanent marker or something similar to mark the location of the front mounting hole on the fender. (Fig L)

Use the 5/16" Bolt Here.

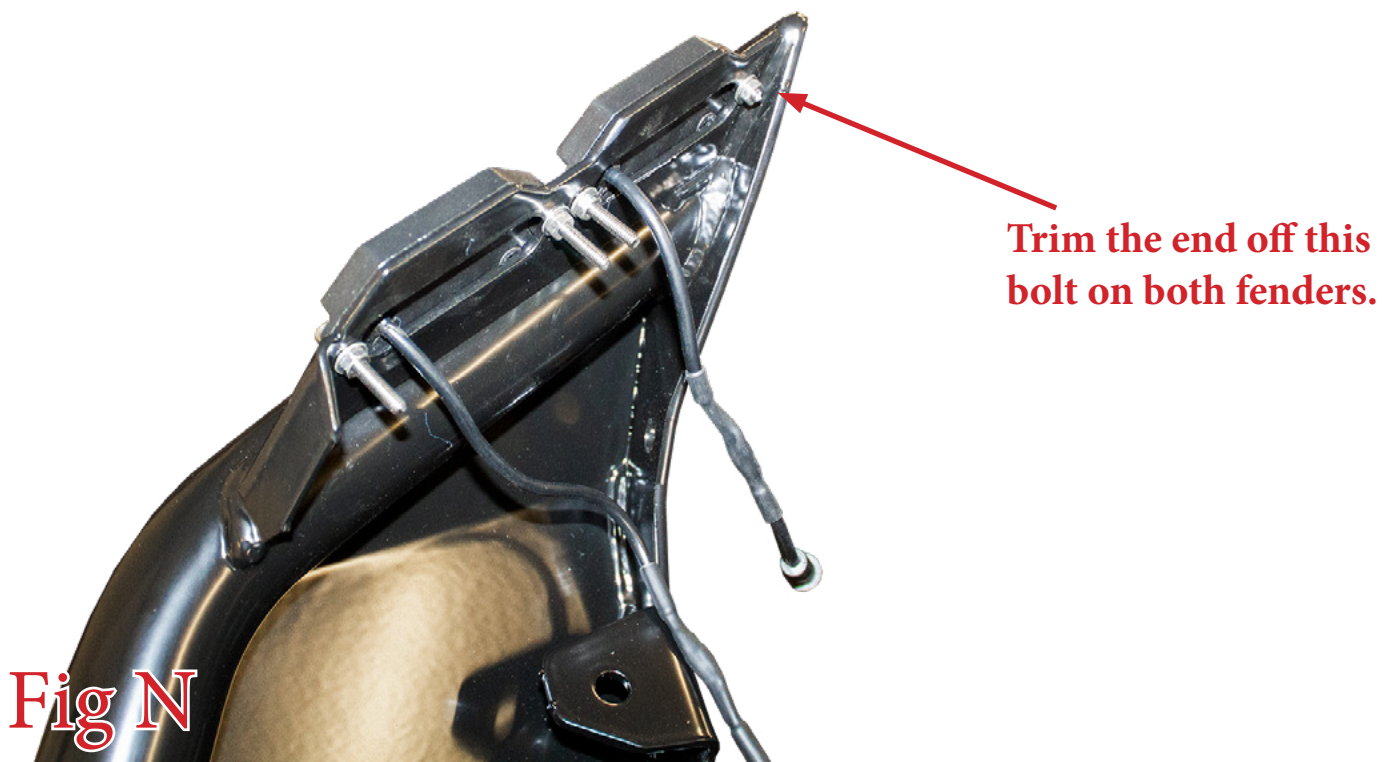




13. Remove the fender from the Jeep. Drill a hole and install a drill bit in the location that you marked in the previous step. (Fig M)



14. Install the lights onto your new fenders. Use the light manufacturer's supplied hardware. Once the lights are installed, you will need to trim the end of the bolt that is closest to the body of the Jeep. (Fig N)

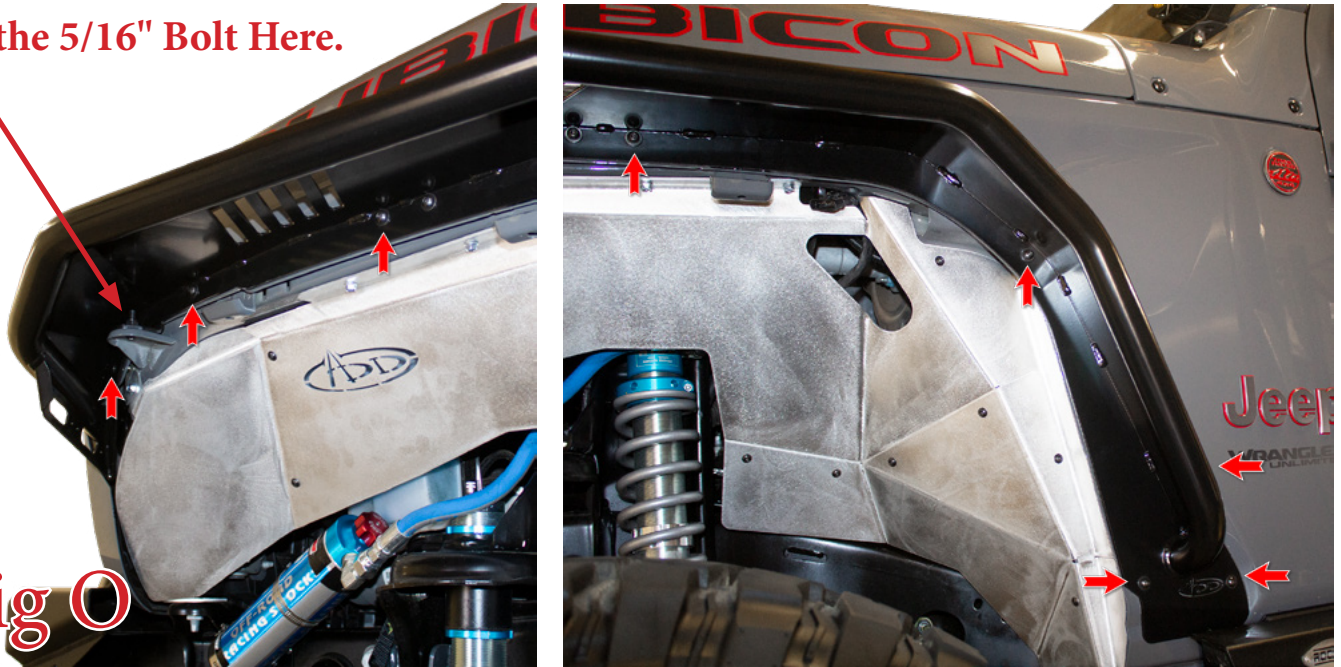




15. Install the fender onto the vehicle using the supplied 1/4" Button Head Bolts (x8) and 1/4" Washers (x8). Then use the supplied 5/16" Bolt/Washer/Nut (x1) on the front tab. (Fig O)

Use the 5/16" Bolt Here.

Fig O



16. Plug the light module into the vehicle. Then, plug the lights into the light module. Ziptie the wiring up and out of the way. (Fig P)

Fig P





17. Stand back and enjoy your new ADD Stealth Fighter™ Fenders.
18. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.

