

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.
- Estimated Installation Time: **2 Hours**
This installation requires 2 people for best results

You will need the following tools:

- | | | |
|---------------|-----------------------------|---------------------|
| - Ratchet | - 5.5mm Socket | - 7mm Socket |
| - 10mm Socket | - 15mm Socket | - 21mm Socket |
| - 3/4" Wrench | - Utility Knife | - Reciprocating Saw |
| - Black Paint | - 5/16" Allen Wrench/Socket | |

Included in Kit:

- | | |
|--|-------------------------|
| 2 - Button Head Bolts (1/2"-13 x 1 1/2") | 4 - Flat Washers (1/2") |
| 2 - Nylon Lock Nuts (1/2"-13) | |

Removal:

1. From underneath the truck, disconnect the fog light connectors.
2. Pull off the plastic piece on the front bumper. There are no tools required for this step, it simply pulls off by hand. (Fig A)



3. Using a 21mm Socket, remove the two upper bumper mounting nuts (per side). (Fig B)

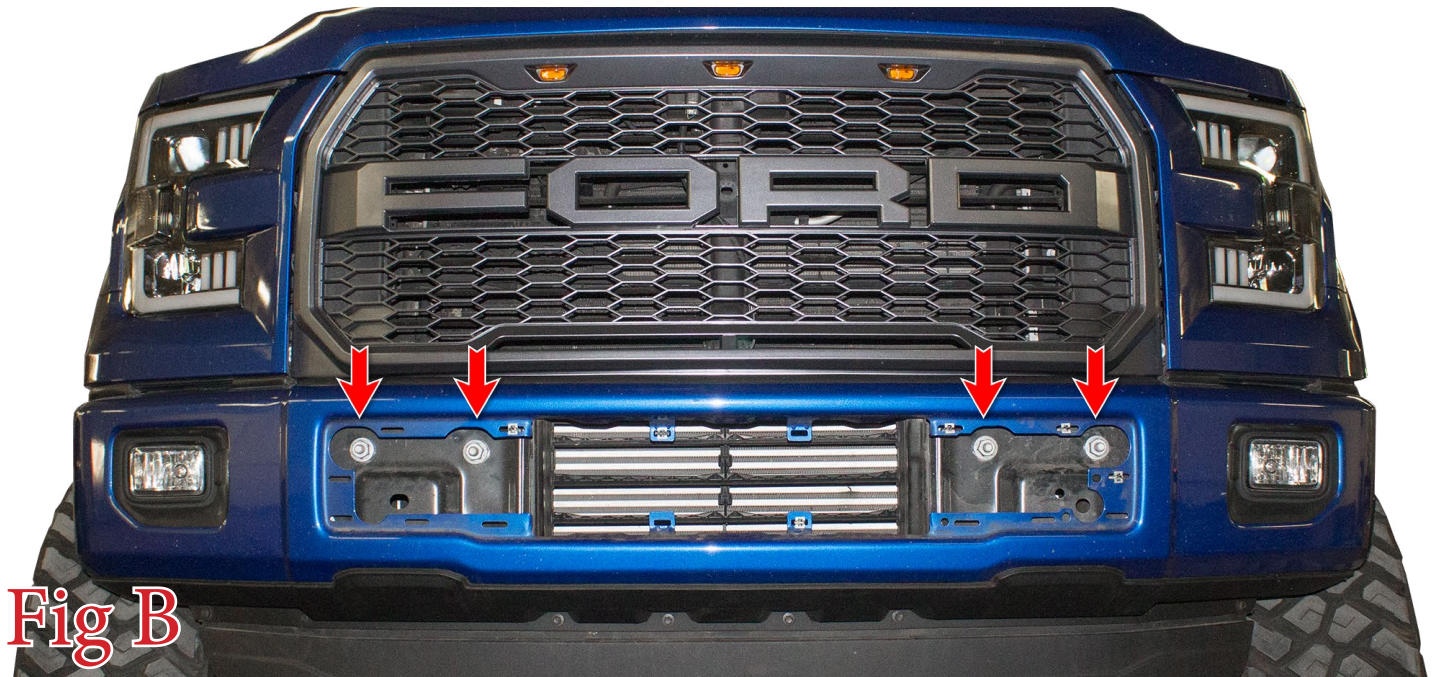


Fig B

4. Using a 21mm Socket, remove the lower bumper mounting nuts (one per side) on the back side of the bumper. Then, remove the OEM bumper. (Fig C)

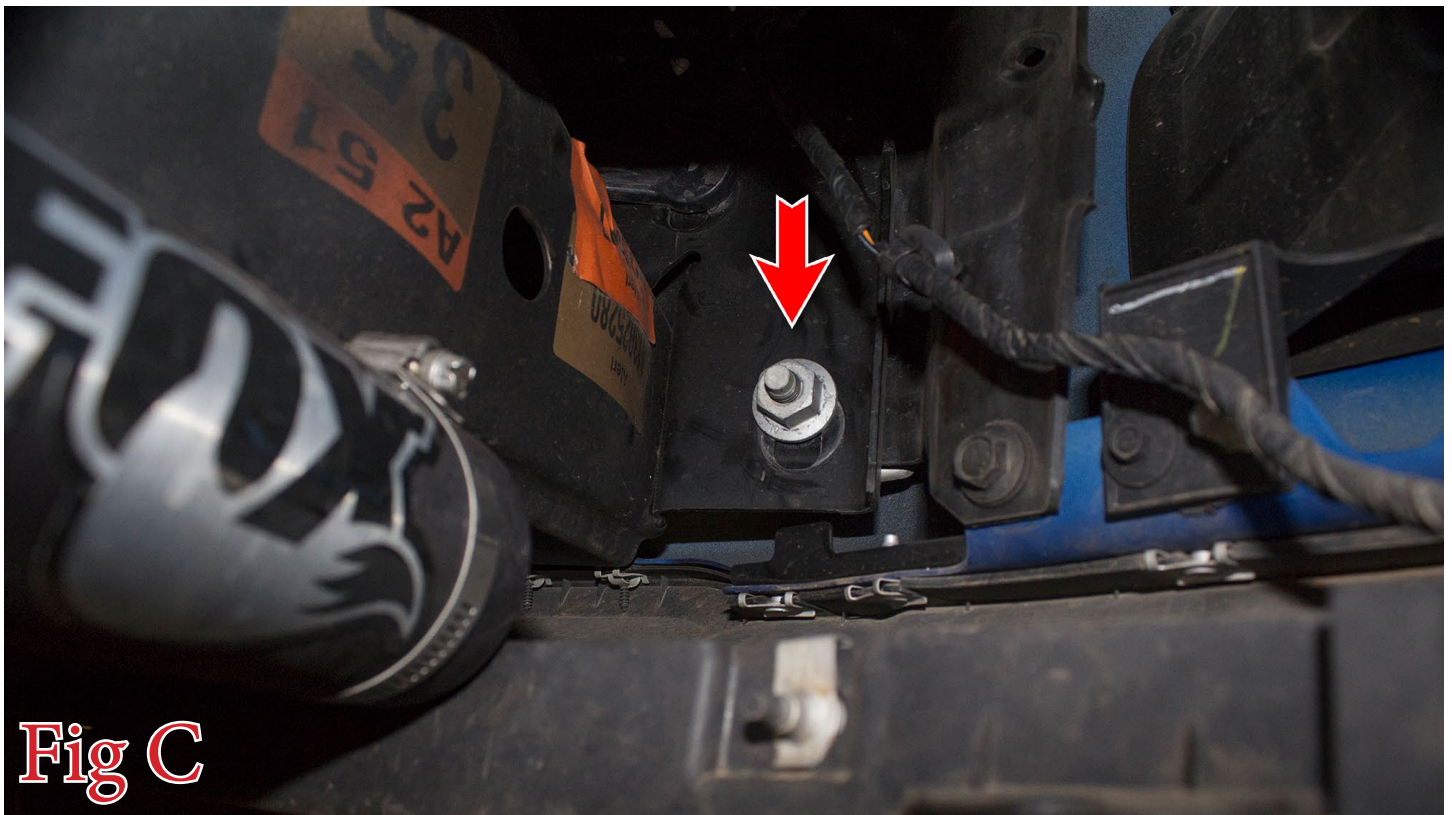
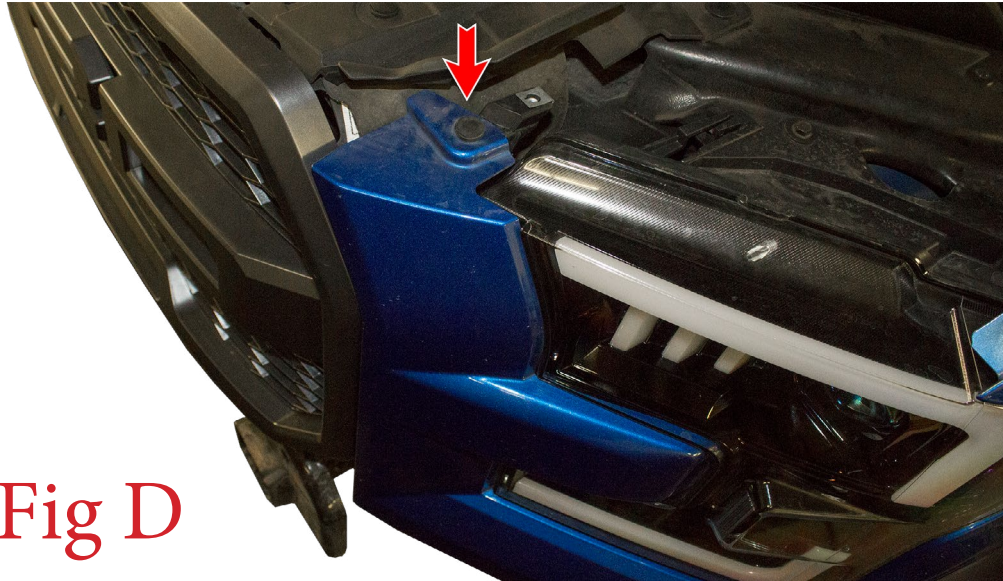
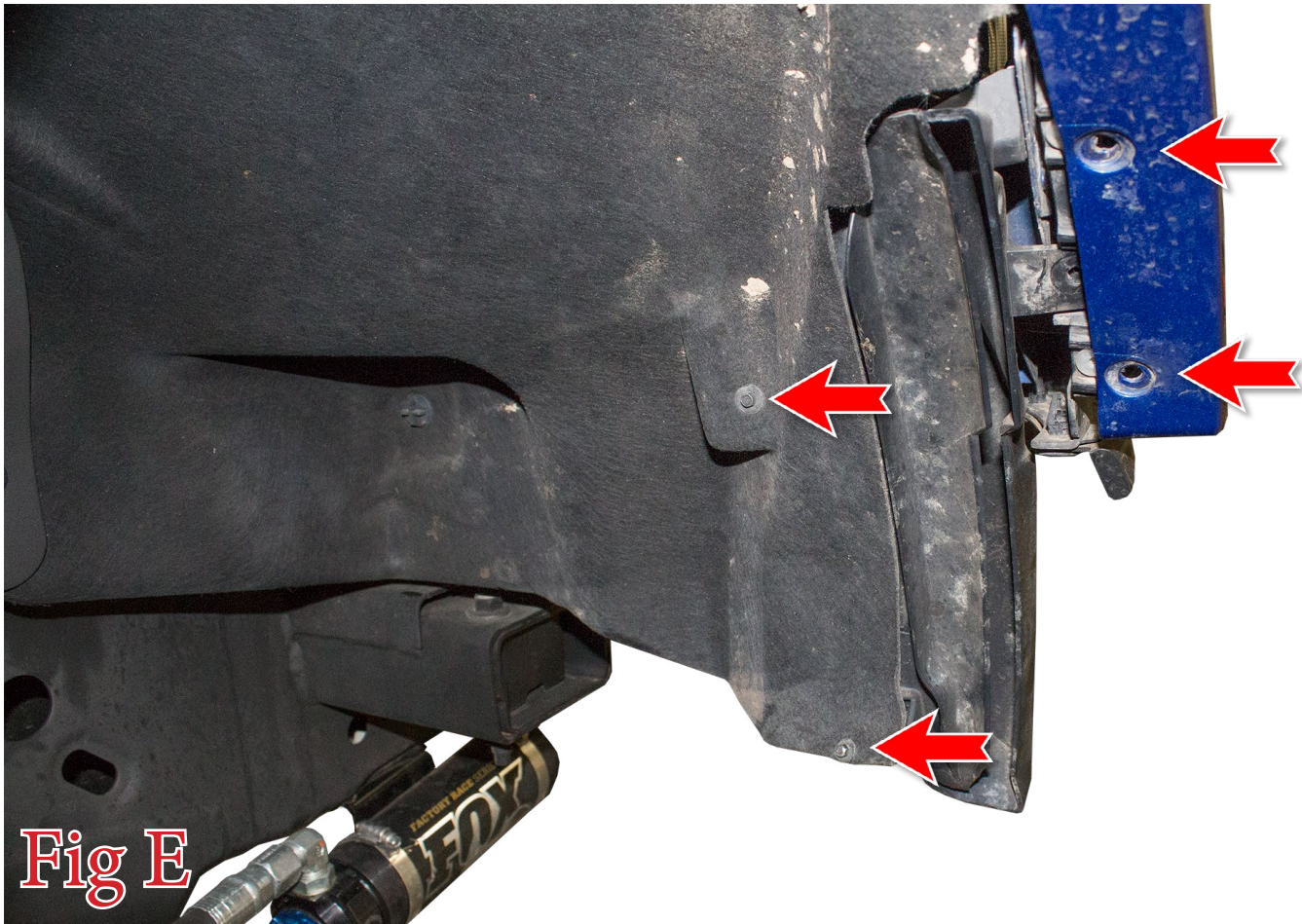


Fig C

5. Remove the plastic clip on the top side of the headlight bezel. (Fig D)



6. Using a 7mm Socket, remove the two most forward fender flare bolts. Then, use a 5.5mm Socket to remove the two lowest inner fender liner bolts. (Fig E)



7. Carefully pull the fender flare outwards until it unclips from the headlight bezel. (Fig F)



Fig F

8. Carefully pull the headlight bezel forward and off the truck. (Fig G)



Fig G

9. Remove the three bolts referenced in (Fig H) that were sitting behind the headlight bezel. Then, pull the air dam down and off the vehicle.

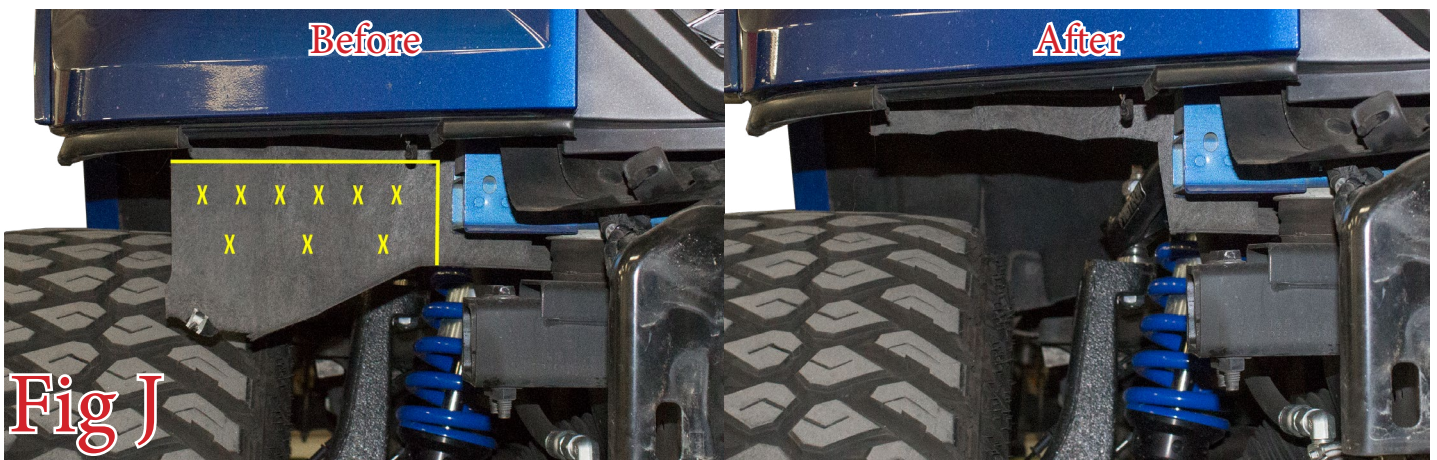


10. Push the headlight bezel back onto the vehicle and reinstall the plastic clip that was removed in Step 5. Then, push the fender flare back into place and reinstall the 7mm bolts you removed in Step 6.

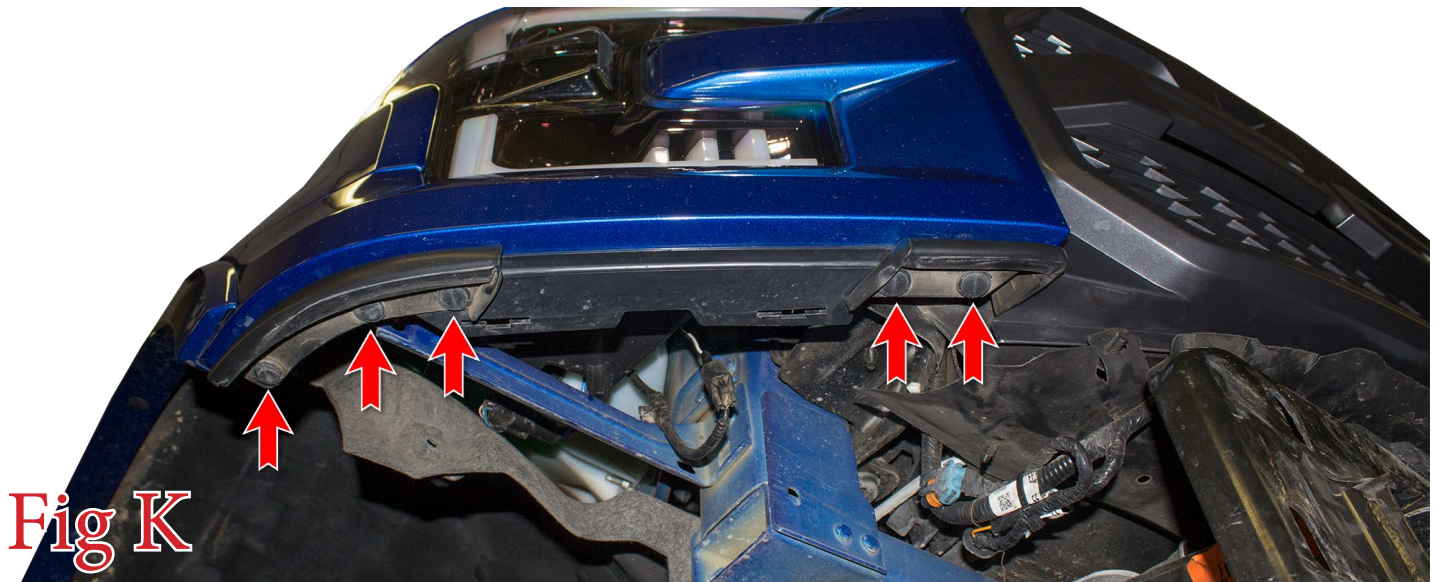
11. Using a reciprocating saw, cut off the crash bar that sticks out right in front of the tires. Make sure to paint over any bare metal when you are done. (Fig I)



12. Using a utility knife, trim the inner fender liner that hangs down where the air dam used to be. (Fig J)



13. Remove the five clips (per side) that hold on the rubber trim pieces just under the headlight bezel. Then, remove those rubber trim pieces. (Fig K)

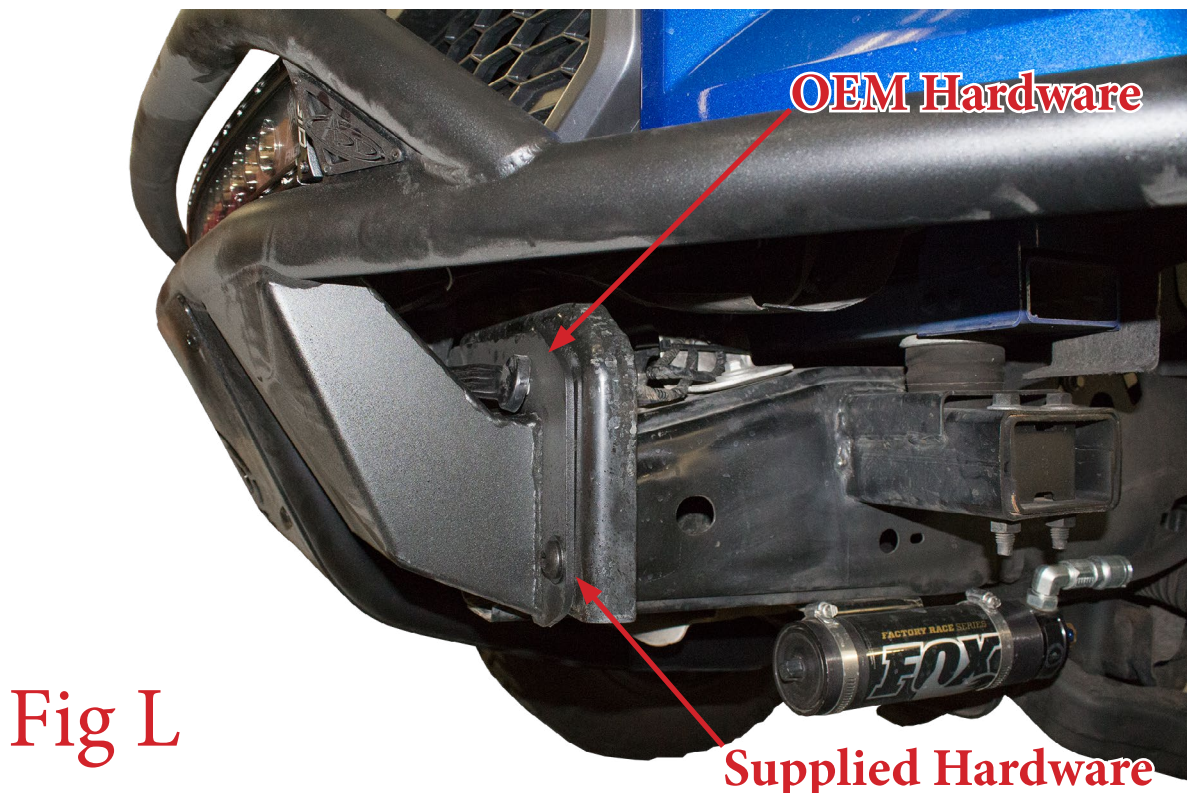


14. Repeat Steps 5 - 13 on the other side of the vehicle.

Installation:

15. If you have any lights to install on your bumper, now is a good time to do so. Please follow the light manufacturer's guide for mounting/wiring information.

16. Set your new bumper in place on the vehicle. Then, use the OEM mounting hardware for the top 2 mounting holes (per side). Use the supplied 1/2" Bolts (x2), 1/2" Washers (x4), and 1/2" Lock Nuts (x2) for the remaining mounting holes. Leave all bolts loose for now. (Fig L)



17. Align your bumper so that it is centered left to right and straight in relation to the grille. Then, go back and torque the OEM mounting bolts to OEM torque spec. Torque the supplied mounting bolts to 70 foot pounds.
18. Stand back and enjoy your new ADD Lite™ Front Bumper.
19. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.

