



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 | - 8mm Socket | - 10mm Socket |
| - 18mm Socket | - 9/16" Socket | - Utility Knife |

Included in Kit:

- | | |
|----------------------------------|-------------------------|
| 4 - Hex Head Bolts (3/8-16 x 1") | 4 - Flat Washers (3/8") |
| 4 - U-Nuts (3/8"-16) | |

Removal:

1. From underneath the front driver side of the vehicle, unplug the main fog light and parking sensor harnesses. (Fig A)

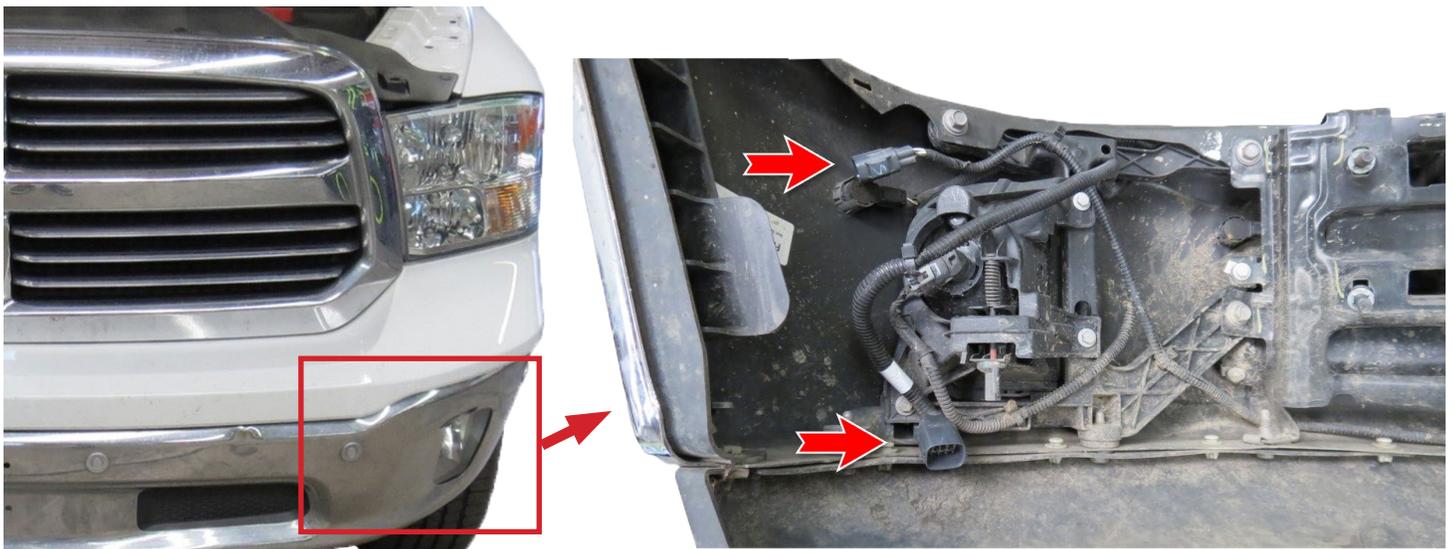


Fig A



2. From underneath the truck, remove the 18mm nuts holding the OEM bumper to the frame rails. There are 3 nuts per side, 6 total. Then, remove the OEM Bumper. (Fig B)



Fig B

3. Remove the 8mm bolt referenced in (Fig C) on the inner fender well. Repeat this step on the other side of the vehicle.



Fig C



4. Remove the plastic clip holding the access panel down on the inner fender well. Then open the access panel. Do this on both sides of the vehicle. (Fig D)



Fig D



5. Remove the 10mm Bolt that sits inside the access panel you just opened. Do this on both sides of the vehicle.
6. Underneath the front/center of the truck, remove the 4 plastic clips holding the lower rubber shroud to the truck's valance. (Fig E)

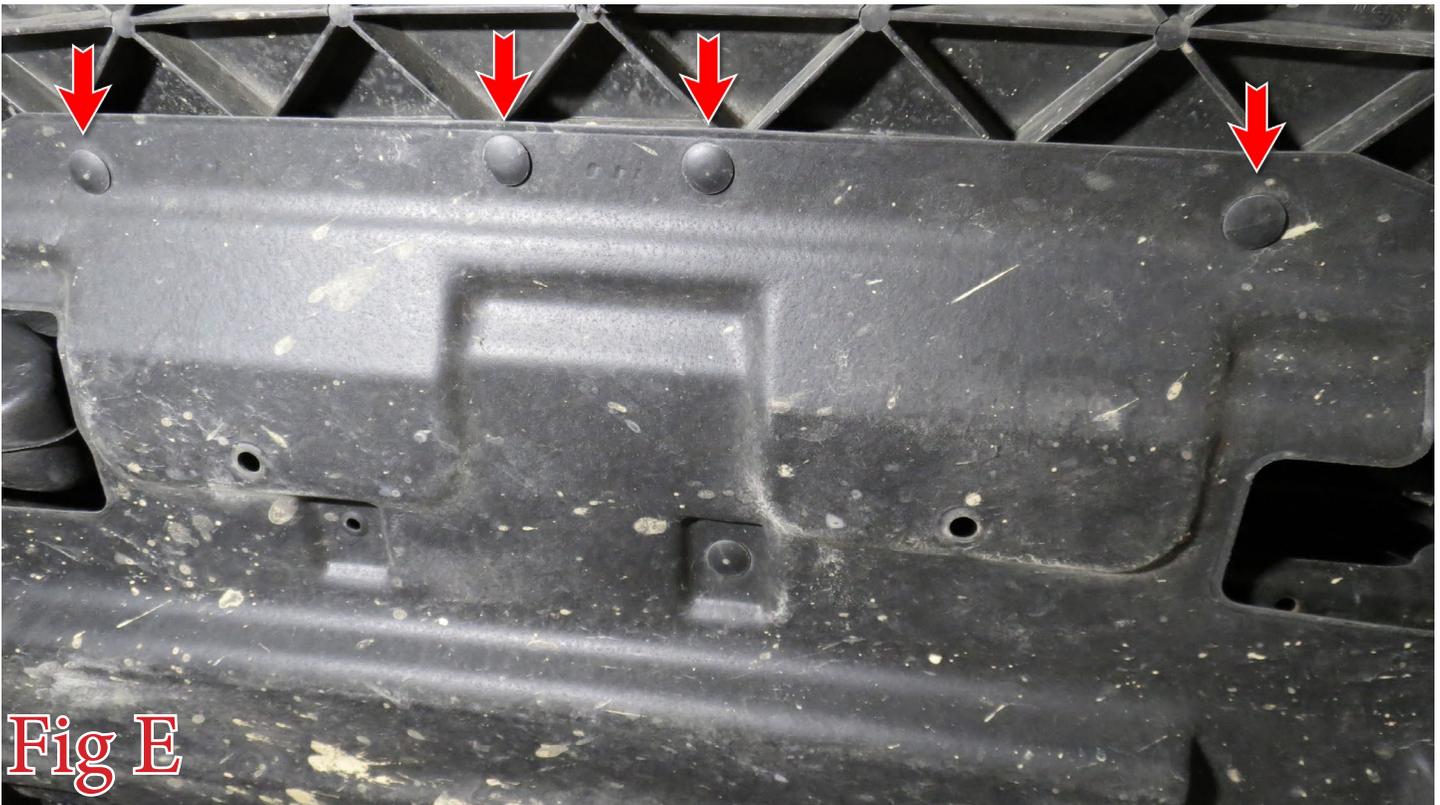


Fig E



7. Remove the 10mm Bolts (4 per side) holding the valance structure to the truck. Do this on both sides of the truck. (Fig F)

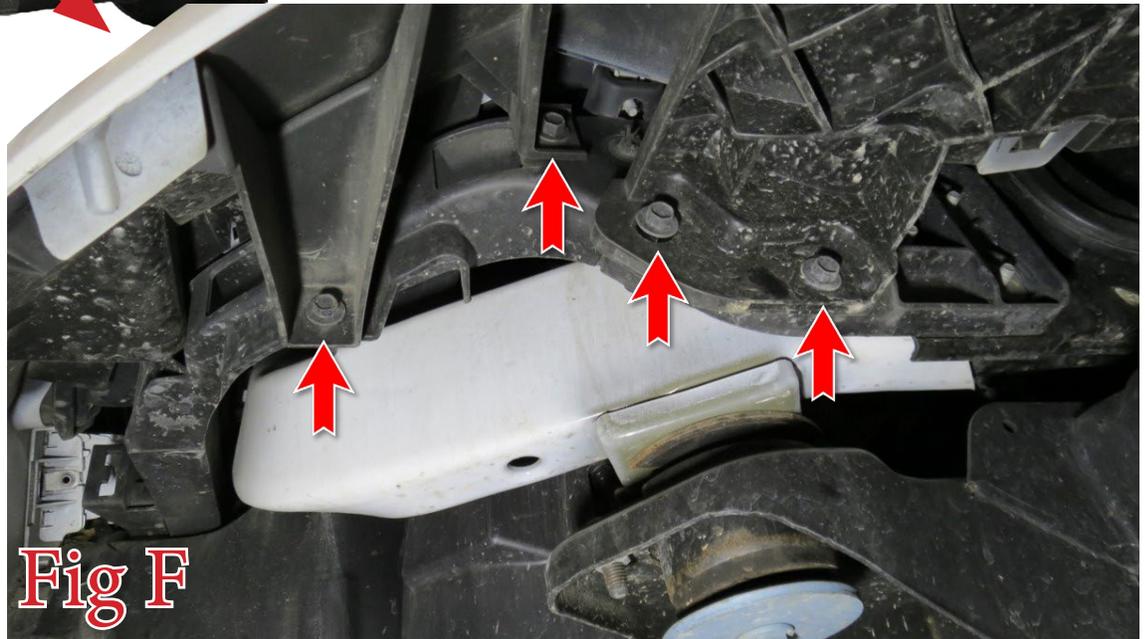
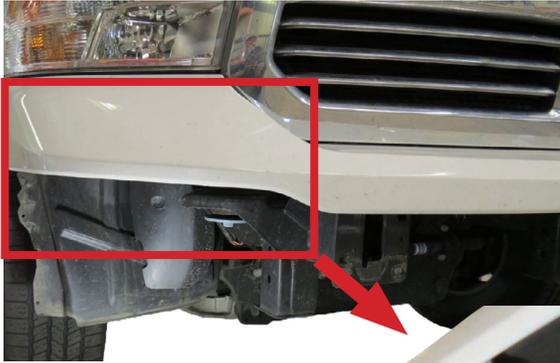


Fig F

8. Remove the valance by pulling the valance outwards, starting at the corners under the headlights and working your way towards the center.

9. Remove the single 10mm Bolt (per side) holding the plastic structure underneath the headlights to the truck. Do this step on both sides of the truck. (Fig G)



Fig G

Installation:

- 10. 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.
- 11. Install the supplied 3/8" U-Nuts (x4) on your new bumper. To get the upper U-Nut in place, you will have to start installing it at an upward angle, then move it down to its final position. (Fig H)



- 12. Line the mounting holes on the bumper mounting plates up with the mounting holes on your vehicle's frame horns. (Fig I)





13. Secure the bumper to the vehicle by installing the supplied 3/8" Bolts (x4) from back side of the frame horns. Leave these bolts loose for now.
14. Line the bumper up so that it is centered left to right and sits straight in relation to the grille/headlights. Once the bumper is lined up, go back and torque the 3/8" Mounting Bolts to 25 foot pounds.
15. Using a utility knife, trim your inner fender liners to preference. We suggest following a line similar to what is shown in (Fig J).



Fig J

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

