

## 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    |
| - 9/16" Socket | - 3/4" Socket & Wrench | - 1 1/16" Socket |

## Included in Kit:

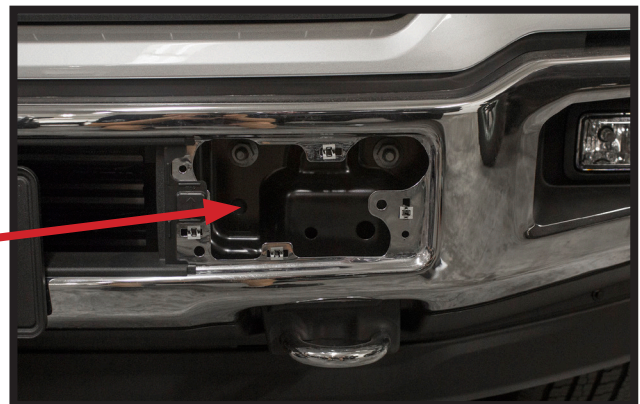
- |  |  |
|--|--|
| 4 - Hex Head Bolts (1/2"-13 x 1 1/2")        | 4 - Grade 8 Bolts (3/8"-16 x 1 1/2")                 |
| 8 - Flat Washers (1/2")                      | 4 - Fender Washers (3/8")                            |
| 4 - Nylon Lock Nuts (1/2"-13)                | 6 - Extra Long U-Nuts (3/8"-16)                      |
| 2 - Hex Head Bolts (3/8"-16 x 1 1/2")        | 2 - Flat Washers (3/8")                              |
| 1 - Skid Plate Mounting Bracket for Lift Kit | 1 - Skid Plate Mounting Bracket for Stock Suspension |

**\*\*If you are installing an Adaptive Cruise Control Relocation Bracket, please copy and paste the following address in your browser for installation information\*\***

<http://www.addictivedesertdesigns.com/images/ADD%202015-Current%20F150%20Adaptive%20Cruise%20Relocation%20Bracket%20Installation%20Instructions.pdf>

## Removal:

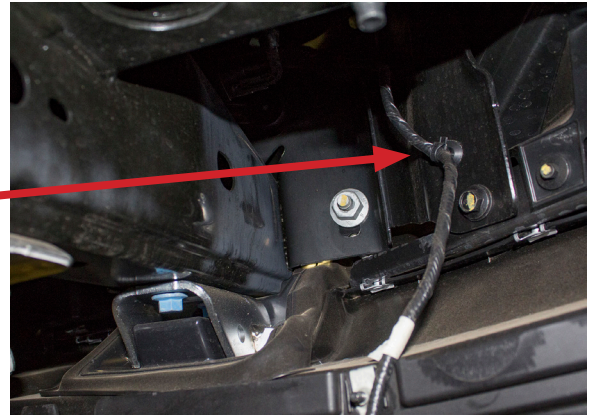
1. From underneath the truck, unplug the fog light connectors.
2. Pull the front plastic pods off each end of the OEM bumper. There are no tools required for this step, they simply pull off by hand. (Fig A)



**Fig A**

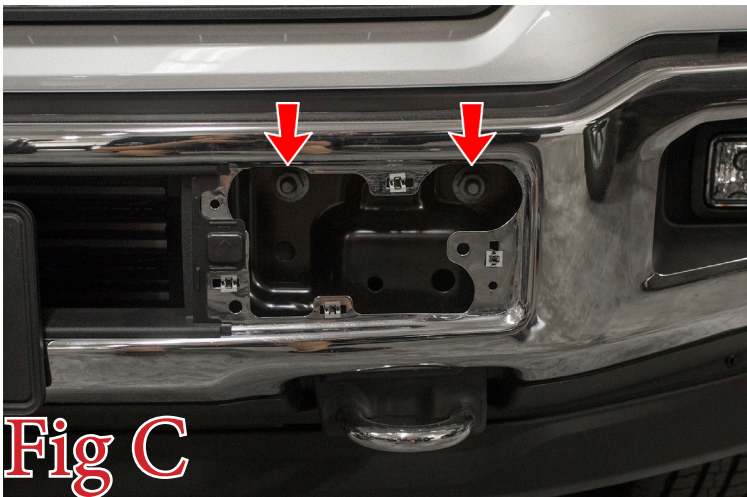


3. From underneath the truck, remove the two plastic clips holding the fog light harness to the OEM bumper. (Fig B)



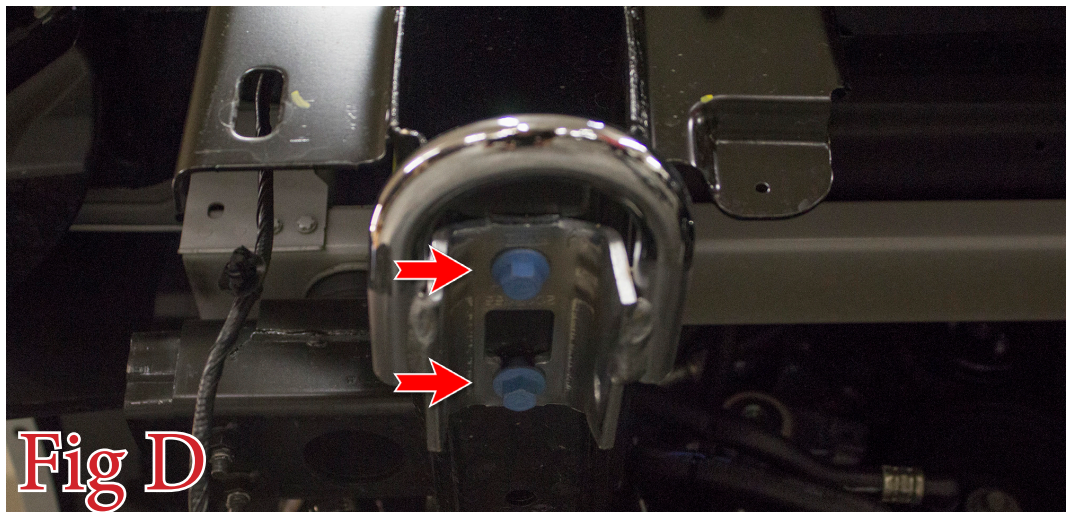
**Fig B**

4. Using a 21mm Socket, remove the OEM bumper mounting bolts. There are two (per side) on the front side of the bumper and one (per side) on the rear side of the bumper. (Fig C)



**Fig C**

5. Remove the OEM Bumper from the vehicle.  
6. Using a 15mm Socket, remove the tow hook mounting bolts (2 per side). Then, remove the tow hooks from the vehicle. (Fig D)



**Fig D**





- Using a 7mm Socket, remove the two most forward bolts in the wheel well of your vehicle. (Fig E)



Fig E

- Using a 5.5mm Socket, remove the two inner fender bolts referenced in (Fig F).

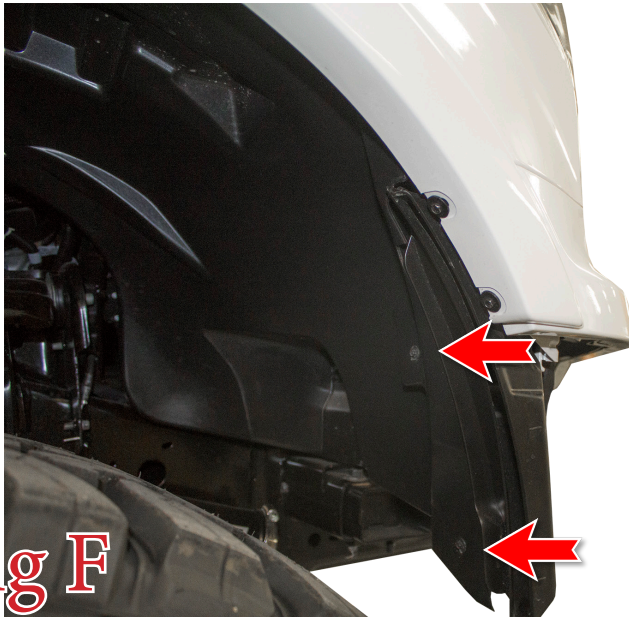


Fig F

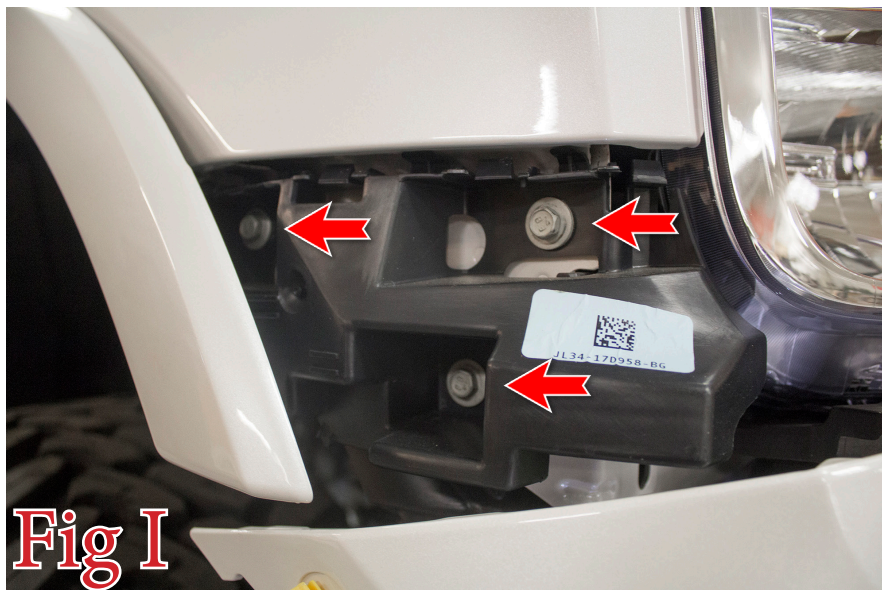
- Pull the fender flare free from the valance. Then, pull the valance free to expose the air dam sitting behind it. (Fig G)



10. Remove the plastic clip that was sitting just behind the fender flare. (Fig H)



11. Using a 10mm Socket, remove the air dam mounting bolts (x3). Then, remove this air dam from the vehicle (Fig I)







12. Push the valance back into place on the truck until it clicks into place. Then, push the fender flare back into place and reinstall the bolts you removed in Step 7.
13. Repeat Steps 7-12 on the other side of the vehicle.

## Installation:

14. There are two skid plate mounting brackets sent with each bumper; one for use with a lift kit and one for use with stock suspension. Refer to (Fig J) to see which one fits your application.

**LIFT KIT**



**STOCK  
SUSPENSION**



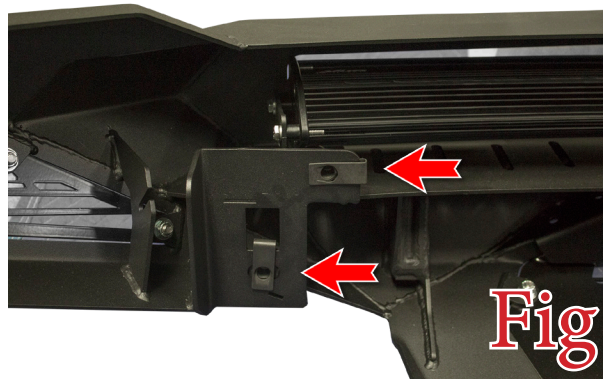
**Fig J**

15. Using the supplied 1/2" Bolts (x4), 1/2" Washers (x8), and 1/2" Nuts (x4), secure the correct skid plate bracket to your new bumper. (Fig K)



**Fig K**

16. Install the supplied 3/8" U-Nuts (x4) on your new bumper. (Fig L)



**Fig L**



17. Install any lights you have purchased for your new bumper. Please follow the light manufacturer's guide for mounting and wiring information.
18. If your truck has a lift kit, use a 1 1/16" Socket to remove the lift bracket mounting bolts. (Fig M)



**Fig M**

19. If your truck has stock suspension, install the supplied U-Nuts (x2) into the crossmember holes that line up with the mounting tabs on the skid plate mounting bracket. You may have to remove an OEM skid plate to free these bolts holes.
20. Set the bumper in place on your vehicle. Install the supplied 3/8" Grade 8 Bolts (x4) and 3/8" Fender Washers (x4) from the back side of the frame horns. Then, if your truck has a lift kit, reinstall the bolts you removed in Step 18. If your truck does not have a lift kit, install the supplied 3/8" Grade 5 Bolts (x2) and 3/8" Washers (x2) into the U-Nuts you installed in Step 19. Leave all bolts loose for now. (Fig N)



**Fig N**



21. Trim your inner fender liner to preference. We suggest following a line similar to what is shown in (Fig O)



22. Align the bumper so that it is centered left to right and sits straight in relation to the truck's valance. Then, torque the 3/8" Mounting bolts to 30 foot pounds. Torque the lift kit cross member bolts (if applicable) to the OEM torque spec.
23. Stand back and enjoy your new ADD Stealth Fighter Front Bumper.
24. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.



For Additional Support or Technical Questions,  
Please Call 480-671-0820 or  
Email [Info@AddictiveDesertDesigns.com](mailto:Info@AddictiveDesertDesigns.com)