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 for OEM Removal/Bumper Installation**
  1 Additional Hour to Wire Center Lights
  1 Additional Hour to Wire Outer Lights (if applicable)

*****This installation requires 2 people for best results*****

You will need the following tools:

- Ratchet
- 18mm Socket
- Reciprocating Saw
- 1/2" Drill Bit
- 13mm Socket
- 3/4" Wrench
- Black Paint
- 16mm Socket
- 9/16" Socket
- Drill

Included in Kit:

6 - Hex Head Bolts *(3/8-16 x 1")*
6 - U-Nuts *(3/8"-16)*
2 - Flat Washers *(1/2")*
1 - Universal Light Mount Kit
6 - Flat Washers *(3/8")*
2 - Button Head Bolts *(1/2"-13 x 1 1/2")*
2 - Nylon Lock Nuts *(1/2"-13)*

Removal:

1. Remove the two plastic clips referenced in (Fig A).

Fig A

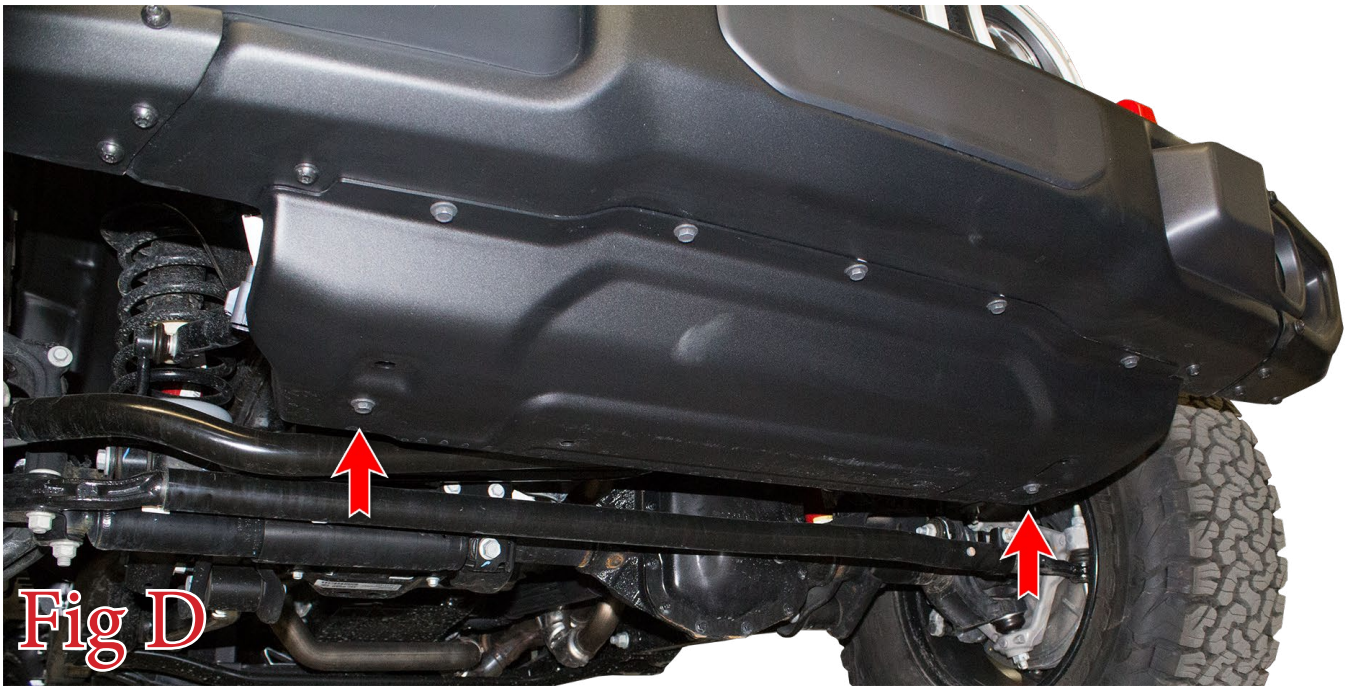
2. If your Jeep has 6 additional clips on the front lip of the plastic bumper cover, remove those clips now. Once those clips are removed, you may pull the plastic cover off the vehicle. (Fig B)

Fig B

3. Unplug the front bumper harness located along the passenger side frame rail. (Fig C)

Fig C

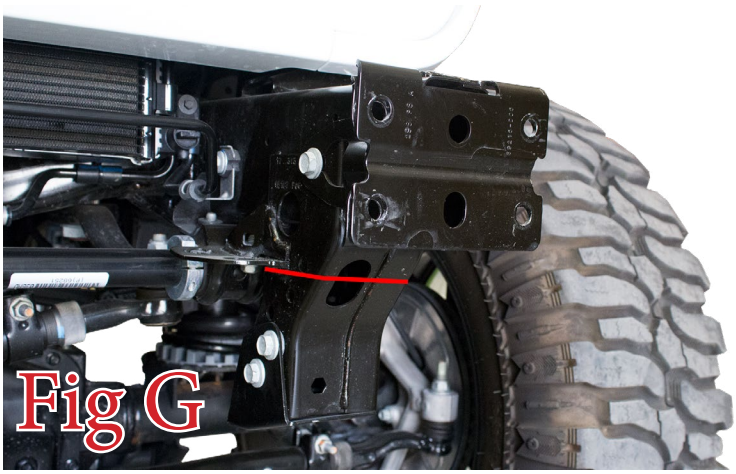
4. Use a 13mm Socket to remove both lower skid plate bolts. (Fig D)



5. Using an 18mm Socket, remove the bumper mounting bolts (4 per side). Then, remove the bumper from the vehicle. (Fig E)

7. Using a 16mm Socket, remove the bolts referenced in (Fig F). Then, remove the skid mounting plate. **If your Jeep does not have this plate, skip this step.**

6. **THIS STEP IS OPTIONAL** Cut the frame stilts just below the sway bar mounts. Follow the line shown in (Fig G). Make sure to paint over any bare metal when you are finished cutting.



Before

After

Installation:

8. If you have any lights or a winch to install on your bumper, now is a good time to do so. Please follow the light/winch manufacturer's guide for mounting/wiring information.
Use the supplied Light Mount Kit that came with the bumper to mount your lights. Installation instructions for our light mount kit can be found here: https://www.addictivedesertdesigns.com/files/install/ADD-Universal-Light-Mount-Kit-Installation-Instructions.pdf

9. Set the supplied U-Nuts (x6) in place on your new bumper. (Fig H)

Fig H

10. Drill the lower/outer bumper mounting holes to 1/2". Make sure to paint over any bare metal once you are finished. (Fig I)

Fig I

11. Set the bumper into place on the vehicle. Install the supplied 3/8" Bolts (x6) and 3/8" Washers (x6) from the backside of the frame horns. Then, install the supplied 1/2" Bolts (x2), 1/2" Washers (x2), and 1/2" Lock Nuts (x2) into the outer/lower mounting holes. Leave these bolts loose for now. (Fig J)
Only use washers on the nut side of the supplied 1/2" Button Head Bolts. Hold bolt stationary and only tun the nut to tighten. Do not turn bolt to tighten hardware assembly.

Fig J

12. Adjust the bumper so that it is straight in relation to the vehicle's grille. Then, torque the 3/8" mounting bolts to 20 foot pounds and torque the 1/2" mounting bolts to 70 foot pounds.

13. Stand back and enjoy your new ADD Stealth Fighter Front Bumper.

14. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.

ADDICTIVE DESERT DESIGNS®

2018-Current Jeep Wrangler JL/Gladiator JT
Stealth Fighter™ Front Bumper Installation Instructions

Check out the collection of Off-Road Bumpers we offer.