

# ADDICTIVE DESERT DESIGNS

## 2017 – Current Ford SuperDuty Stealth Rear Bumper Installation Instructions

### PREPARATION

1. Disconnect the negative terminal on the battery. Park the vehicle on level ground and set the emergency brake.
2. We recommend reading through the installation instructions in whole before performing the work.
3. Estimated Installation Time: **2 Hours**
4. You will need the following tools:
  - a. Ratchet
  - b. 21mm Socket
  - c. 13mm Socket

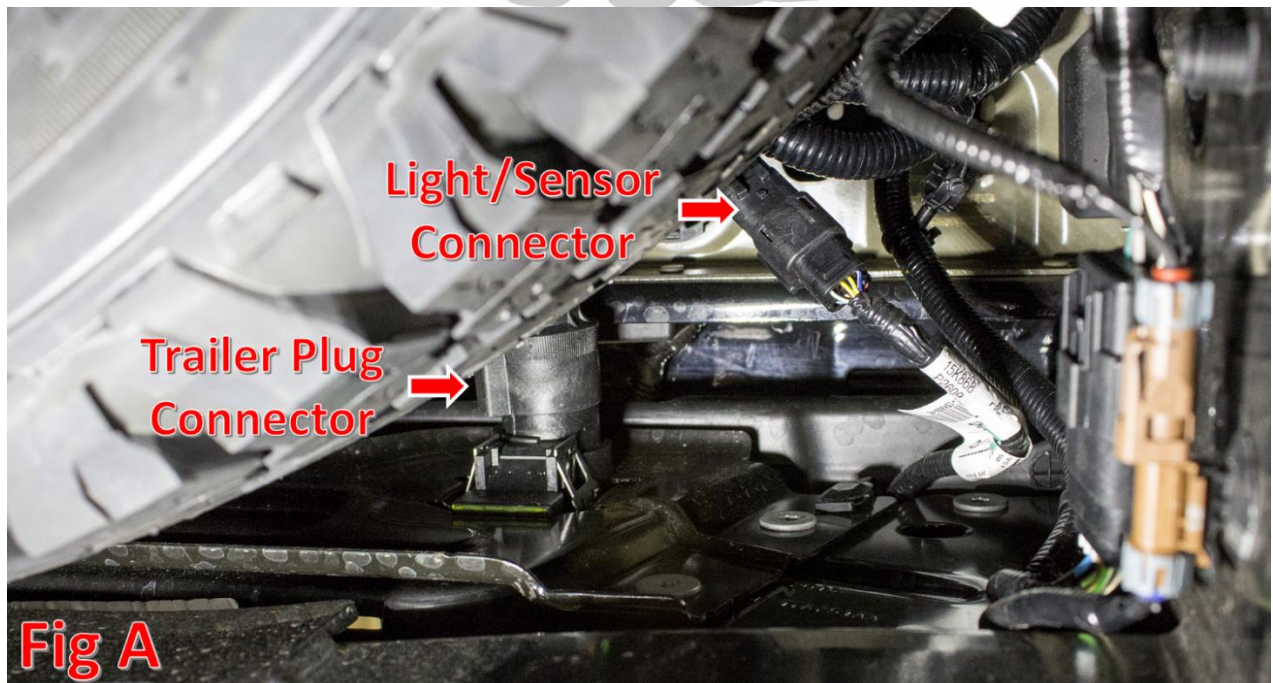
*Note: this installation requires 2 people for best results*

5. Included in Kit:

**Reuse Stock Hardware**

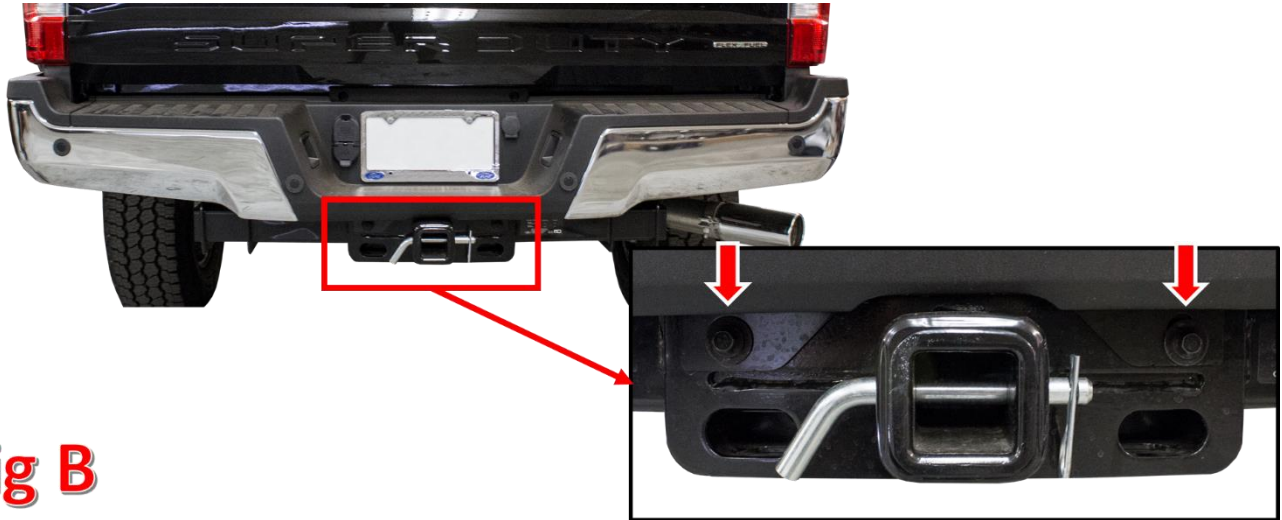
### REMOVAL

1. Unplug the connector on the back side of the trailer plug and the parking sensor/license plate light connector. The parking sensor/license plate light connector sits right next to the trailer plug connector and is easily accessible from the underneath the truck. (Fig A)



**Fig A**

- Using a 13mm Socket, remove the bottom/center bumper mounting bolts. (Fig B)



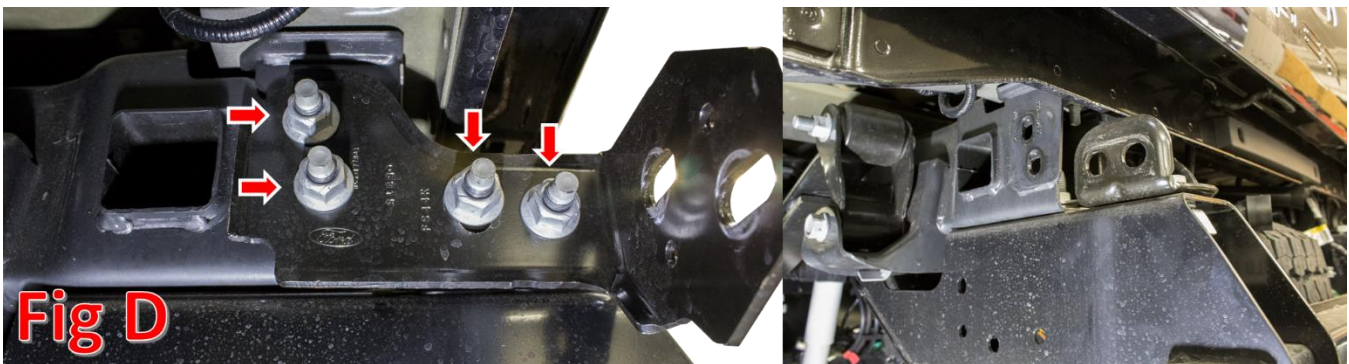
**Fig B**

- There are two outer bumper mounting bolts per side. Use a 21mm Socket to remove these bolts. Then, remove the OEM bumper. (Fig C)



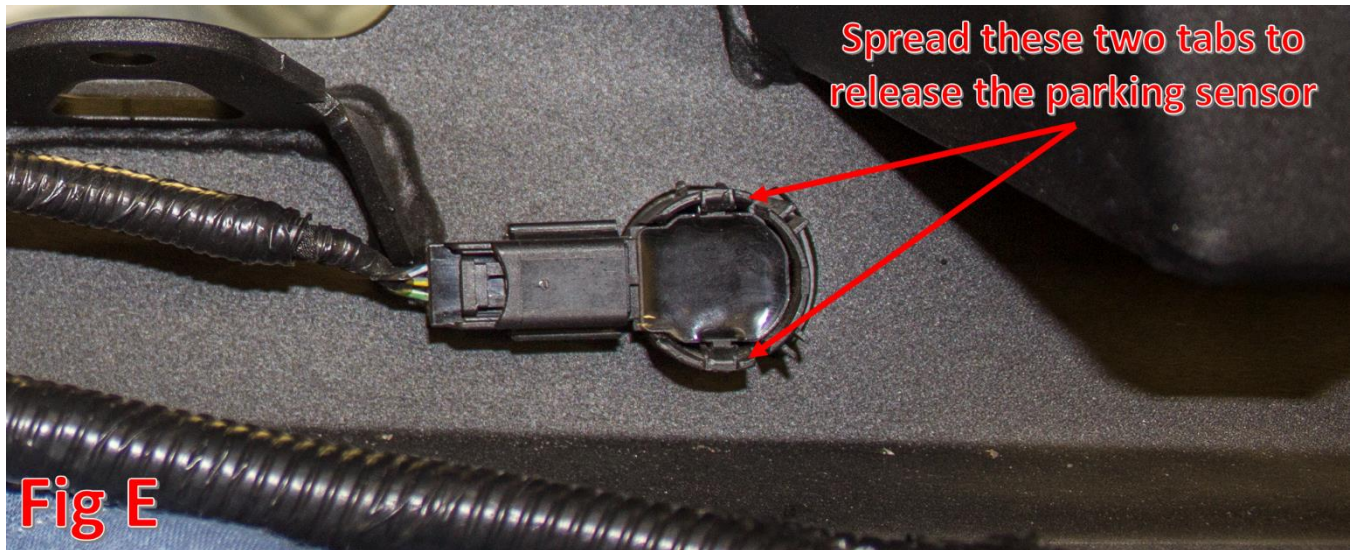
**Fig C**

- Remove the OEM Bumper Mounting Brackets. Use a 21mm Socket to remove the four mounting bolts (per side), then remove the bracket. Save these bolts for reuse. (Fig D)



**Fig D**

5. Remove the parking sensors from their outer rings. Do this by spreading the two tabs on the back side of the outer mounting ring, then pushing the parking sensor out the back of the outer mounting ring. Leave the sensors plugged into the rear bumper wiring harness. Make sure to keep track of where each sensor was mounted to your OEM bumper. You have to mount them to your new bumper in the same order.  
(Fig E)



6. Remove the parking sensor mounting rings from the OEM bumper. Do this by pushing the two tabs on the back of the ring in and pushing the ring out the front of the bumper. Make sure to keep track of how and where these were mounted in your OEM bumper. You will need to mount them in your new bumper in the same exact position and order.
7. Remove the license plate lights from their housings, then remove the rear bumper wiring harness from the OEM bumper.
8. Remove the trailer plug from your OEM bumper by pressing in the two tabs on the back and pushing the plug out the front of the bumper.
9. Remove both license plate light housings by pressing in the two tabs on the back side of the housing, then pushing them out the front of the bumper.
10. Prepare to install your new ADD Stealth Rear Bumper.

## INSTALLATION

1. If you have any lights to install on your bumper, now is a good time to do so. Please follow the light manufacturer's installation instructions for mounting/wiring information.
2. Install your trailer plug by pressing it into its precut hole until it clicks into place. (Fig F)
3. Install your license plate light housings by pressing them into their precut holes until they click into place. (Fig F)



4. Push the parking sensor mounting rings into their precut holes on your new bumper. If the mounting rings do not click into place you may have to trim the mounting tabs slightly. Make sure to install these in the same position and order as they came off your OEM bumper. Refer to Fig G.

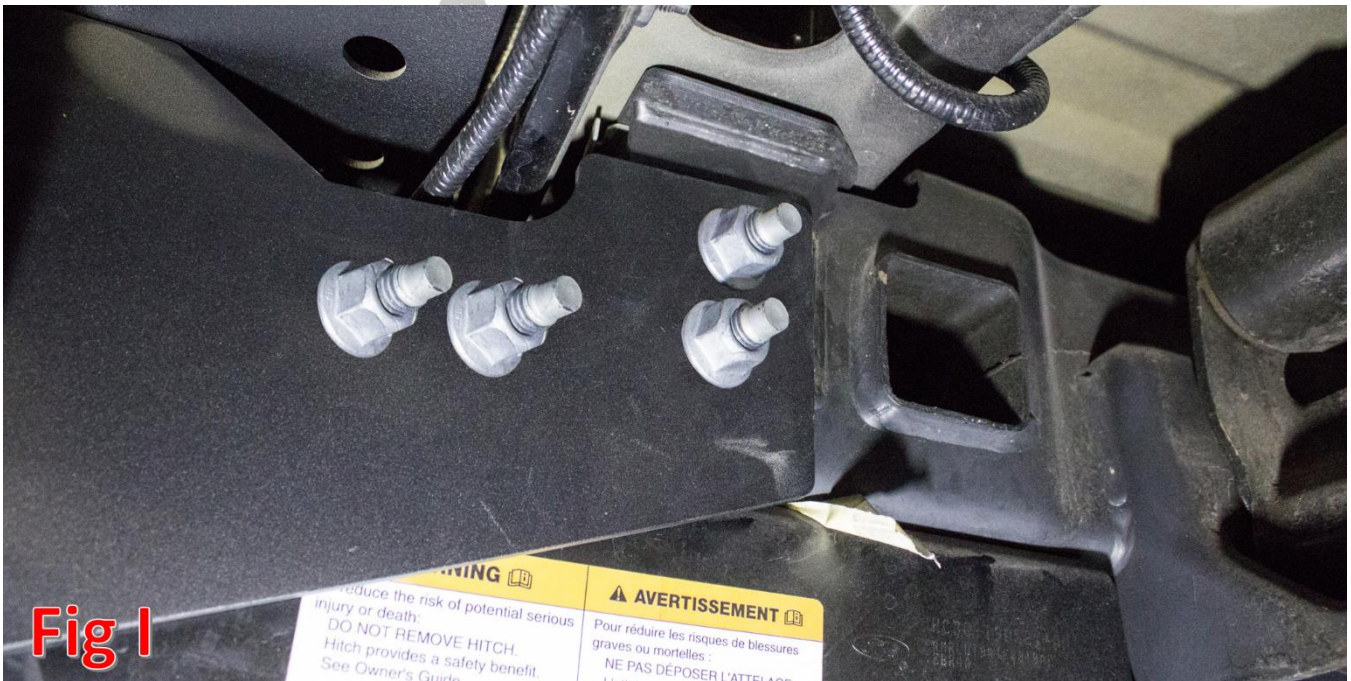


5. Transfer the parking sensor/license plate light/rear bumper harness assembly over to your new bumper. (Fig H)
  - a. Install the parking sensors by pushing them into their mounting rings from the back side. Make sure to install your parking sensors in the same order as they came off your OEM bumper.
  - b. Install the license plate lights into their housings.



**Fig H**

6. Line up the mounting holes on the back side of your new ADD Bumper with the mounting holes on the vehicle's frame. Then, loosely install the bolts you removed in Removal Step 4. Once all bolts are installed, go back and tighten them to the manufacturer's torque spec. (Fig I)



**Fig I**

7. Plug in both connectors you unplugged in Removal Step 1.
8. Stand back and enjoy your new ADD Stealth Rear Bumper.
9. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



For Additional Support or Technical Questions,  
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