

ADDICTIVE DESERT DESIGNS

2011 – Current Ford SuperDuty Stealth/Rancher Front 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. You will need the following tools:
 - a. 13mm Socket
 - b. 15mm Socket
 - c. 18mm Socket
 - d. 3/4" Socket and Wrench
 - e. Ratchet

Note: this installation requires 2 people for best results

4. Included in Kit:

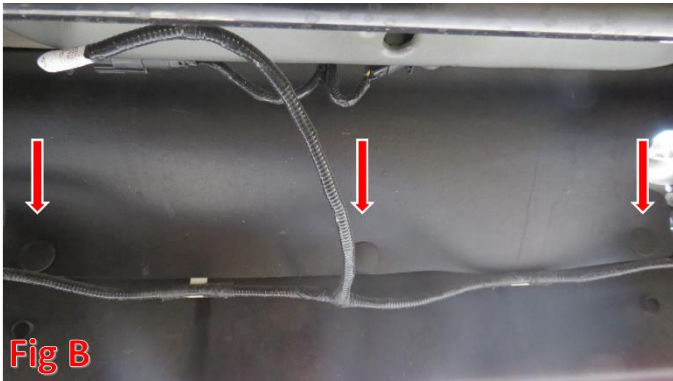
- 10** – Hex Head Bolts – 1/2"-13 x 1 1/2"
- 20** – Flat Washers – 1/2"
- 10** – Nylon Locking Nuts – 1/2"-13
- 2** – Bumper Brackets

REMOVAL

1. From the bottom of the truck, remove any fog light connectors, if your truck is equipped with fog lights, and move the wiring harness out of the way.
2. Remove 13mm bolts holding the support bracket to the front bumper. There are two per side. Set these aside for reuse. Fig A shows the location of these bolts.



3. Remove the three plastic clips holding the rubber shroud to the bumper. (Fig B) You may also remove the top 4 plastic clips to remove the shroud from the vehicle if you desire.
4. Remove the 18mm bolts next to the tow hooks. There are two per side. (Fig C)

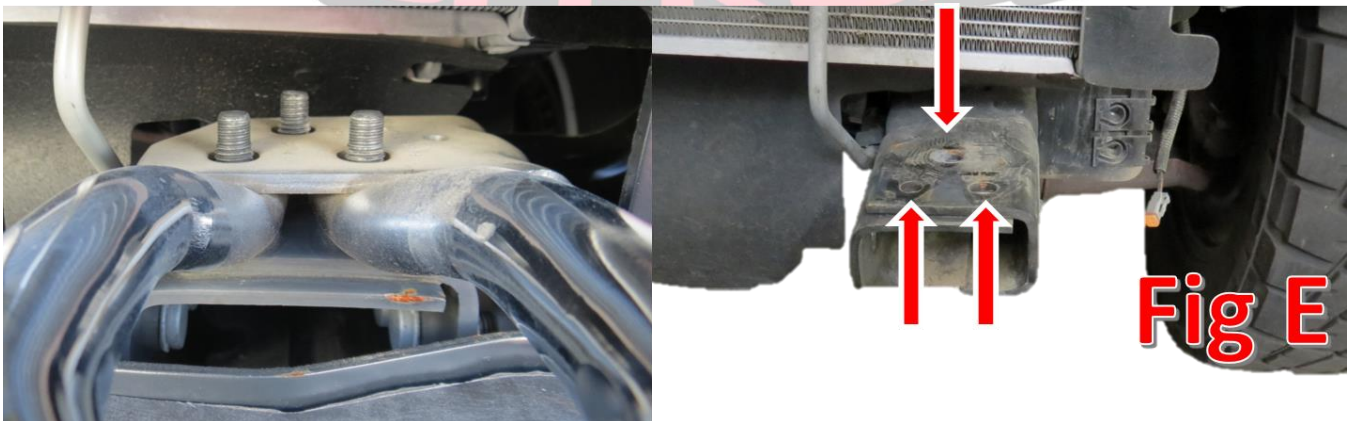


5. Slide the bumper off the vehicle.
6. Remove the 18mm nuts that hold the OEM bumper brackets on and remove these brackets. There are four bolts per bracket and one bracket per side. Set these nuts/bolts aside for reuse. Fig D shows the location of these bolts.



There are two bolts in the same location on the
Fig D other side of the frame horn

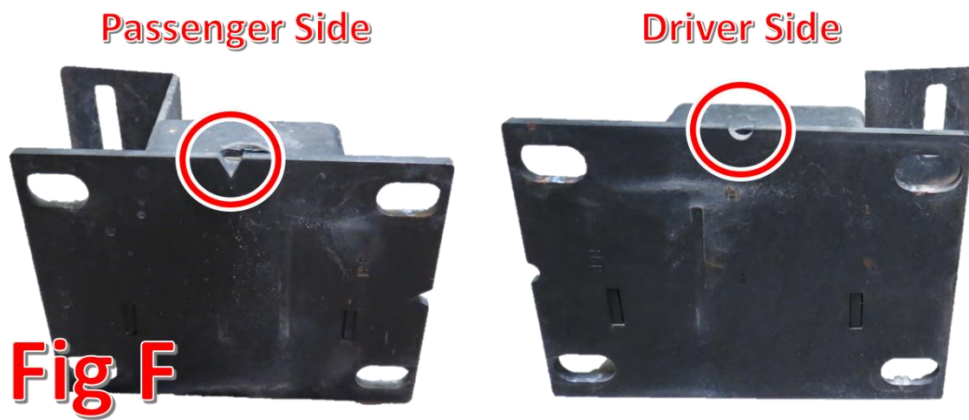
7. From the bottom, remove the three 15mm bolts holding on each tow hook. Remove the tow hooks. Fig E shows the location of these bolts.



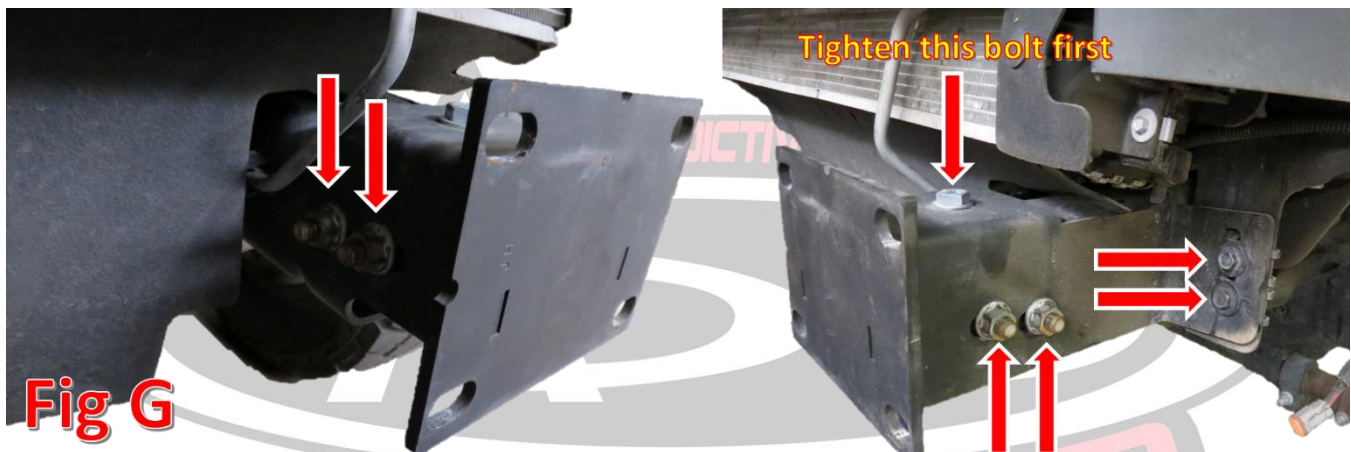
8. Prepare to install your new ADD Front Bumper.

INSTALLATION

1. Slide your ADD Bumper Brackets on the frame rails. Make sure to put the bracket with the radius cutout on the top section on the driver side and the bracket with the triangular cutout on the top section on the passenger side. (Fig F)



2. Use the supplied 1/2" Bolts (x2), 1/2" Washers (x4), and 1/2" Locking Nuts (x2) on the top of the A.D.D. Bumper Brackets (1 bolt per bracket). Use the bolts from removal Steps 2 & 6 to finish installing the Bumper Brackets. Leave these finger tight for now. (Fig G)



3. Tighten the top bolt on each bracket first, then go around and tighten the rest of them.
4. Hold your bumper up to the vehicle so that the mounting holes on the backside bumper line up with the mounting holes on the newly installed bumper brackets. Use the supplied 1/2" Bolts (x8), 1/2" Washers (x16), and 1/2" Locking Nuts (x8) to hold it in place, but leave them loose for now.
5. Align the bumper so that it sits straight in relation to the bottom of grill, headlights, and front fender flares. Tighten the bumper mounting bolts to 70 foot pounds. A second person will come in handy for this step.
6. Stand back and enjoy your ADD Stealth Front Bumper.
7. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



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