



Addictive Desert Designs

1999 – 2007 Ford SuperDuty/Excursion Stealth 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. Ratchet
 - b. 3/4" Socket and Wrench
 - c. 15mm Socket
 - d. 18mm Socket
 - e. 21mm Socket
 - f. Cutoff Wheel

Note: this installation requires 2 people for best results

4. Included in Kit:
 - 8** – Hex Head Bolts – 1/2"-13 x 1 1/2"
 - 16** – Flat Washers – 1/2"
 - 8** – Nylon Locking Nuts – 1/2"-13
 - 6** – Hex Head Bolts Grade 8 – 1/2"-20 x 1 1/2"
 - 12** – Flat Washers Grade 8 – 1/2"
 - 6** – Metal Locking Nuts Grade 8 – 1/2"-20

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 the six 21mm bolts that hold the front bumper bar to the vehicle. There are 3 on each side. Refer to Fig A for bolt locations.



Fig A

3. Remove the front bumper bar from your truck. (Fig B)



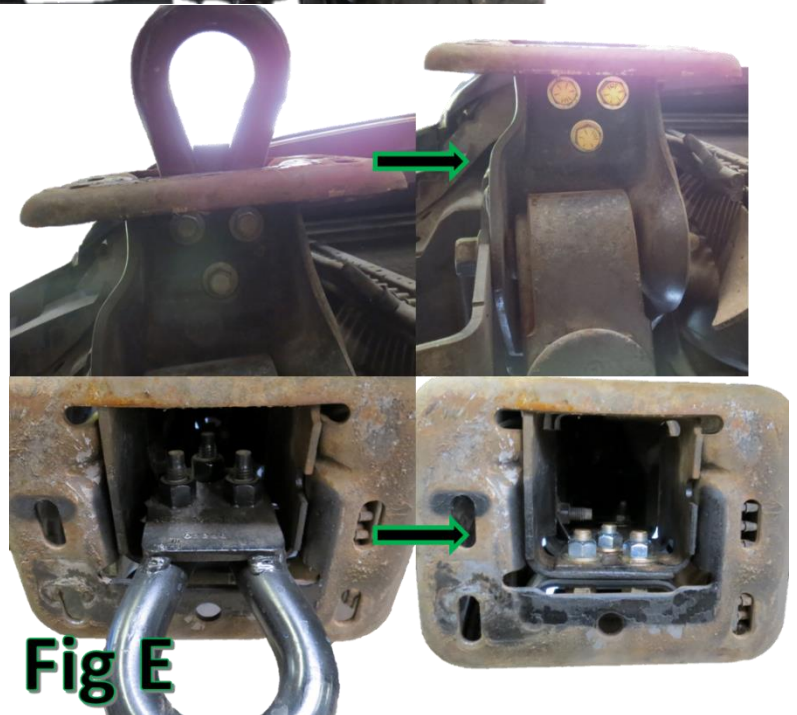
4. Pull the lower rubber shroud off of the vehicle. There are no tools required for this step, it should come off by hand. There are six plastic clips holding it on. (Fig C)



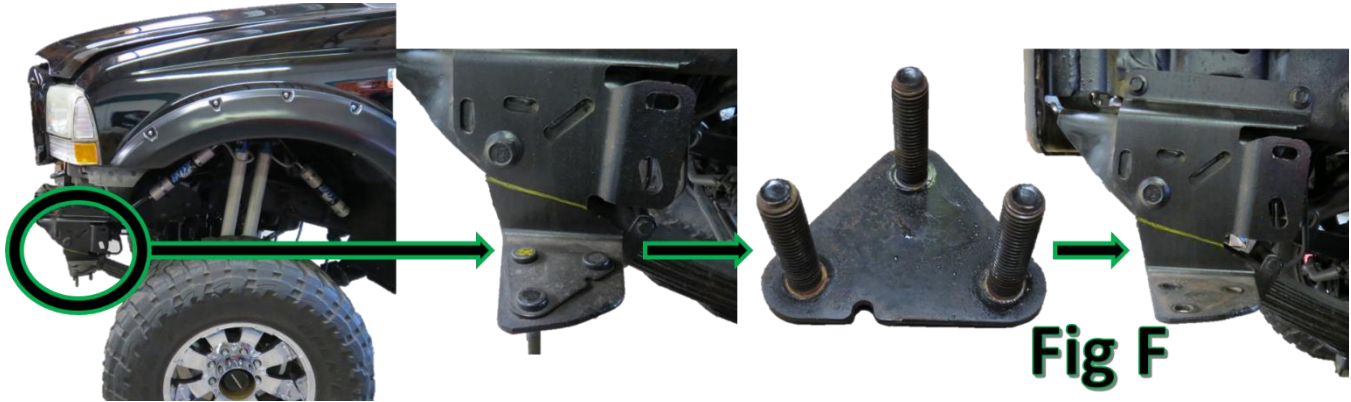
5. Remove the four 18mm bolts holding the bumper to the frame horns. (Fig D). Slide the bumper off the vehicle.



6. Remove the two tow hooks. There are three 15mm bolts holding each of them on. You will need to put new bolts/nuts in the now empty holes. Use the supplied 1/2"x1 1/2" Grade 8 Bolts (x6), 1/2" Grade 8 Washers (x12), and 1/2" Grade 9 Metal Lock Nuts (x6). (Fig E)

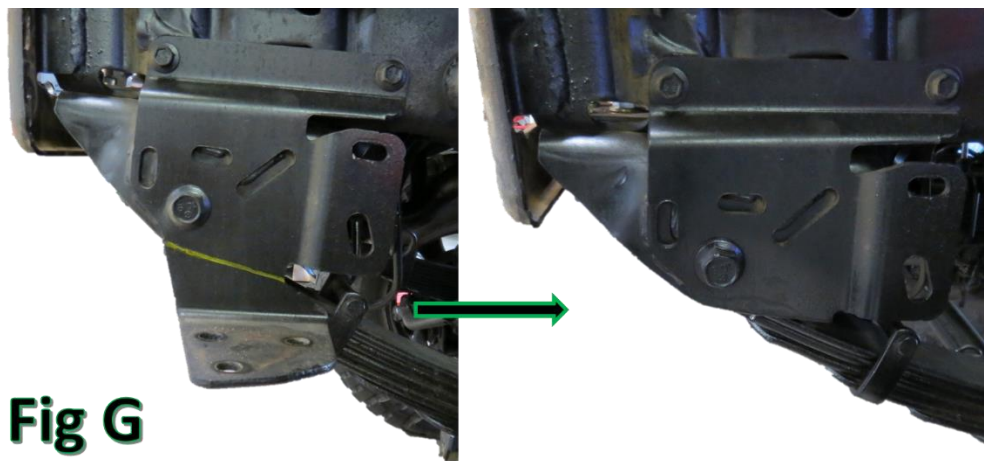


7. Remove the plate referenced in Fig F.



8. Use a cutoff wheel to remove the brackets that held on the front bumper bar. The section to be cut off is marked with a yellow line in Fig G.

****This step is optional and only suggested for aesthetic reasons****



9. Prepare to install your new A.D.D. Stealth Front Bumper.

INSTALLATION

1. If you have purchased any lights/light mounting kits with your bumper, now would be a good time to install those. Please follow the light manufacturer's guide for mounting and wiring information.
2. Line the 8 mounting holes in the bumper mounting plates up with the 8 mounting holes on the truck's frame horns. (Fig H)



3. Use the supplied 1/2 x 1 1/2" Bolts (x8), 1/2" Washers (x16), and 1/2" Nylon Lock Nuts (x8) to secure the bumper. Leave these finger tight for now.
4. Line up the bumper so that it sits straight in relation to the bottom of the grill and headlights. Also make sure it is centered left to right.
5. Tighten the mounting bolts (x8) to 70 foot pounds.
6. Stand back and enjoy your new A.D.D. Stealth Front Bumper.
7. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.

