



ADDICTIVE DESERT DESIGNS

2004 - 2008 Ford F150 ADD Lite 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. Estimated Installation Time: **2 Hours**
 4. You will need the following tools:
 - a. Ratchet
 - b. 8mm Socket
 - c. 21mm Socket
 - d. 3/4" Socket & Wrench
- Note: this installation requires 2 people for best results*
5. Included in Kit:
 - 4 – Hex Head Bolts – 1/2"-13 x 1 1/2"
 - 8 – Flat Washers – 1/2"
 - 4 – Nylon Locking Nuts – 1/2"-13

REMOVAL

1. Pop your hood. Then, use an 8mm socket to remove the three upper bumper bolts that sit just behind the valance. (Fig A)

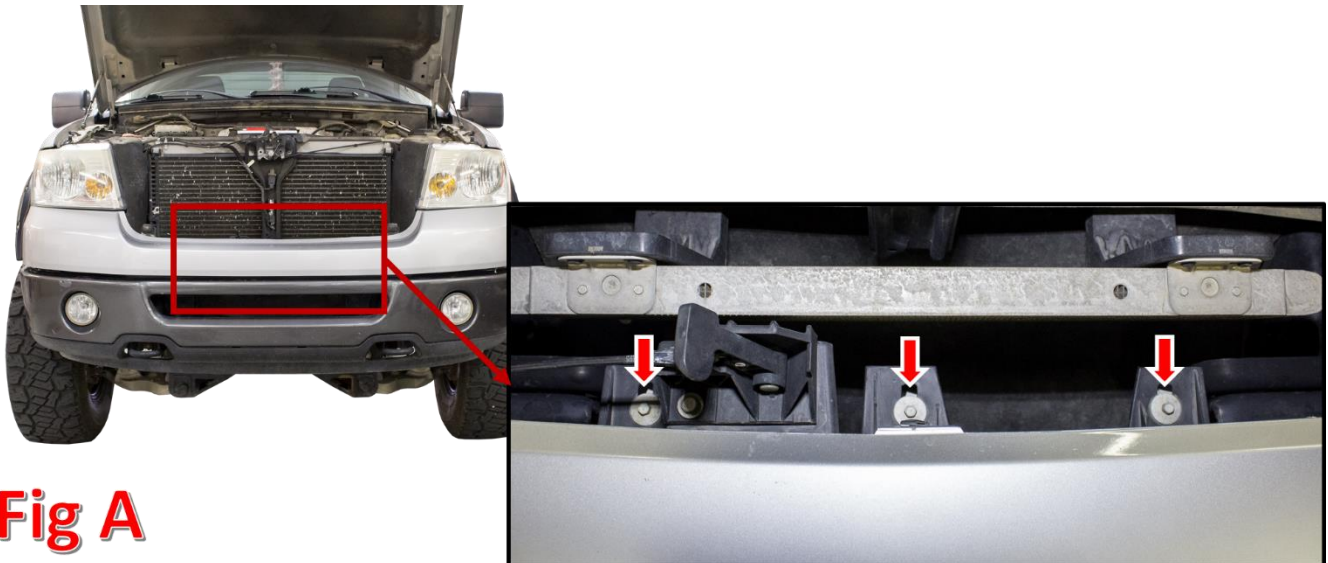
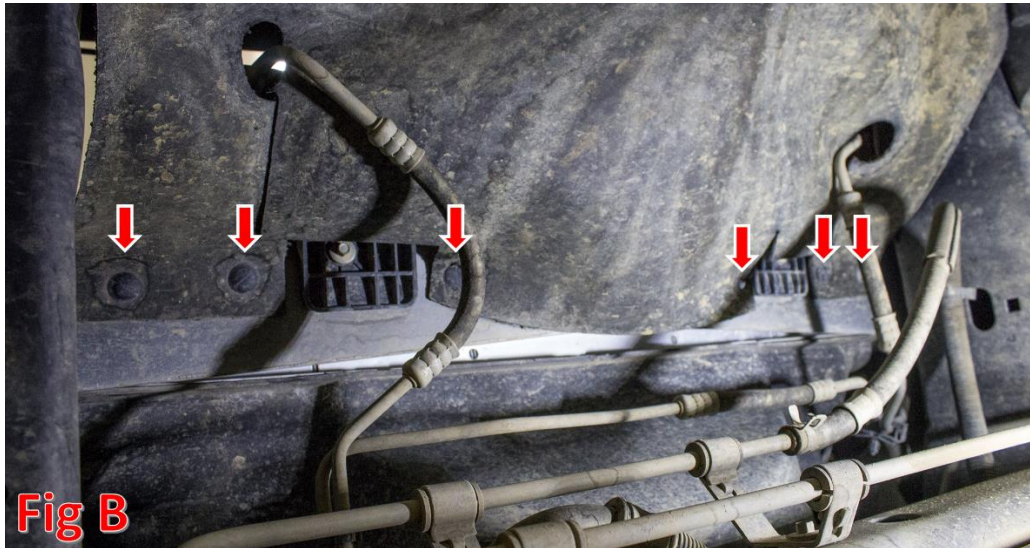


Fig A

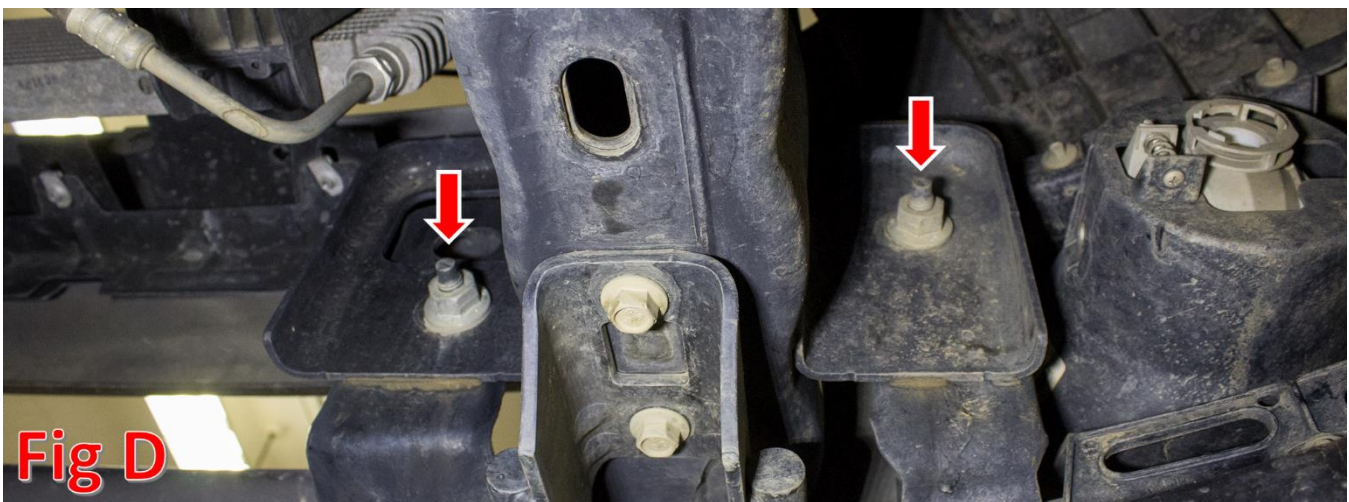
2. From underneath your truck, remove the 6 plastic clips that hold the OEM bumper's lower rubber shroud to the vehicle. Leave the shroud attached to the bumper. (Fig B)



3. Remove your fog lights from their housings. (Fig C)



4. From underneath the vehicle, use a 21mm socket to remove the bumper mounting nuts (2 per side). (Fig D) Then, remove the bumper from your truck. You will have to rotate the bottom of the bumper upwards to get it off.



5. Prepare to install your new ADD Lite Front 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 guide for wiring and mounting information.
2. Line the mounting holes on your new bumper up with the mounting holes on your vehicle's frame horns. Then, set the bumper in place and secure it with the supplied 1/2" Bolts (x4), 1/2" Washers (x8), and 1/2" Locking Nuts (x4). Leave these bolts finger tight for now. (Fig E)

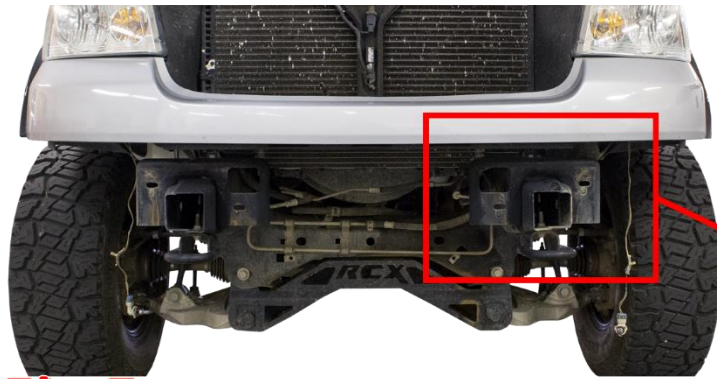
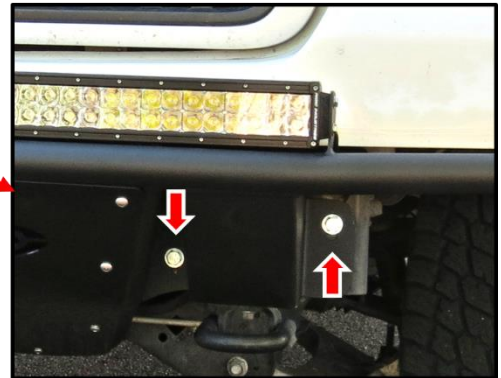


Fig E



3. Align your bumper so that it sits straight in relation to your valance, and is centered left to right. Then, tighten the 1/2" mounting bolts to 70 foot pounds.
4. Stand back and enjoy your new ADD Lite Front Bumper.
5. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.

