



# ADDICTIVE DESERT DESIGNS

## 2010 – Current Ram 2500 HoneyBadger 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. 3/4" Socket & Wrench
  - c. 10mm Socket
  - d. 18mm Socket
  - e. 15/16" Socket & Wrench

Note: this installation requires 2 people for best results

5. Included in Kit:
  - 4 – Hex Head Bolts – 1/2"-20 x 3 1/2"
  - 8 – Flat Washers – 1/2"
  - 4 – Metal Locking Nuts – 1/2"-20

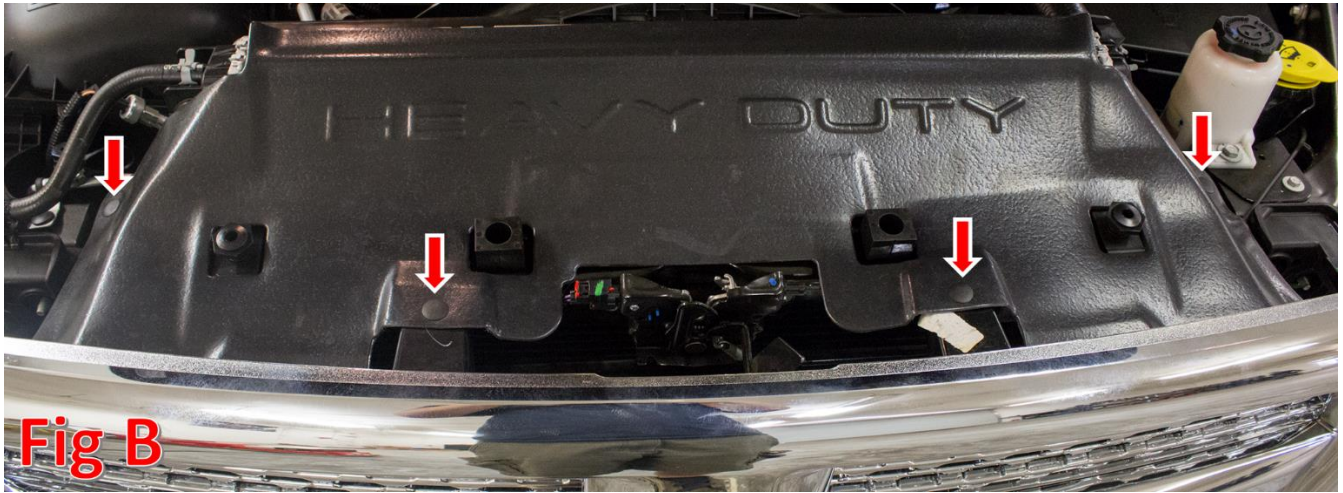
### REMOVAL

1. From underneath the vehicle, unplug both the fog light and parking sensor harness connectors. (Fig A)



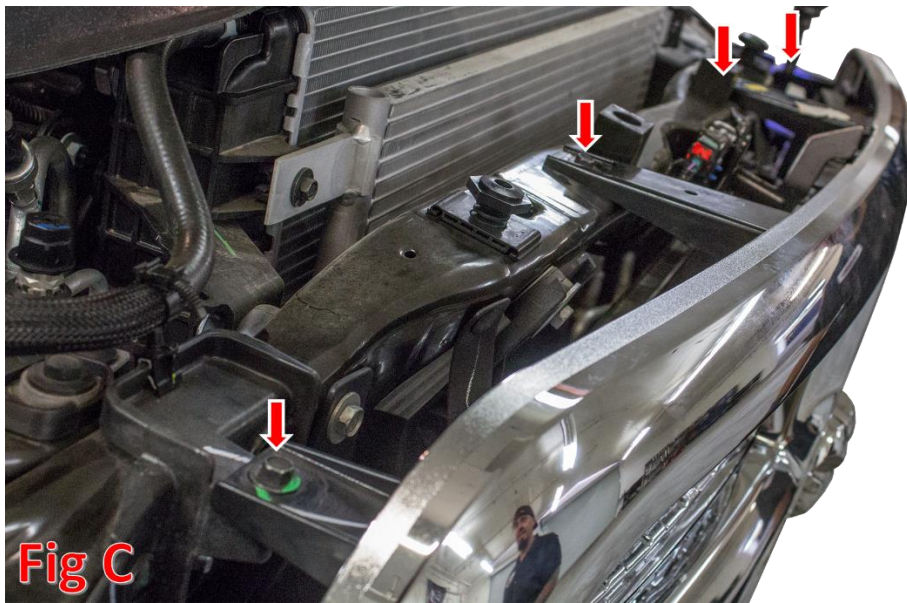
**Fig A**

2. Remove the four plastic clips holding on the radiator cover. Then, remove the radiator cover. (Fig B)



**Fig B**

3. Remove the four 10mm bolts holding on the grille. Then, lift the grille out of the vehicle. (Fig C)



**Fig C**

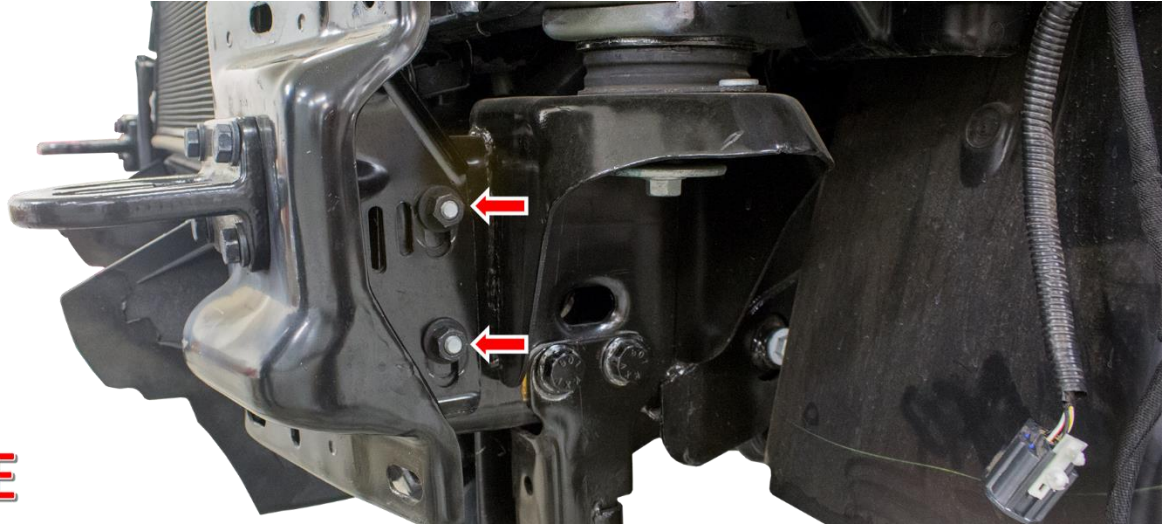
4. From the top of the vehicle, remove the top four (2 per side) bumper mounting bolts. From underneath the vehicle, remove the bottom four (2 per side) bumper mounting bolts. Then, remove the front bumper. (Fig D)



**Fig D**



- Using an 18mm Socket, remove the nuts from the Bumper Bracket Studs. (Fig E)



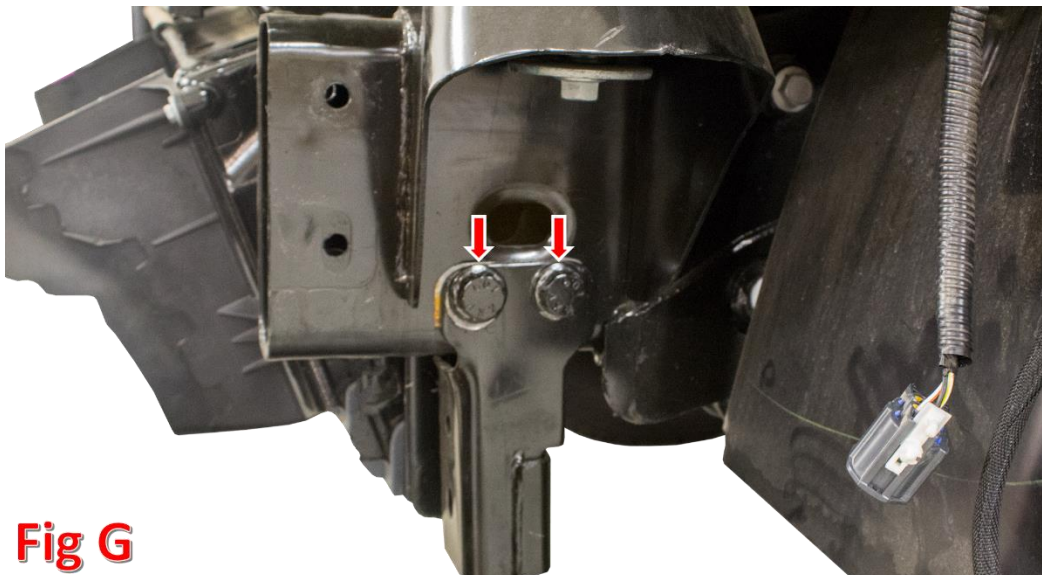
**Fig E**

- Cut the heads off of the bumper bracket mounting bolts. Then, remove the bolts and the bumper brackets from the vehicle. (Fig F)



**Fig F**

- Remove the 15/16" Bolts (2 per side) that hold on the frame stilts. Then, remove the frame stilts. Set the bolts aside for reuse. (Fig G)



**Fig G**

8. Reinstall the grille and radiator cover by reinstalling the bolts you removed in Removal Step 3 and the plastic clips you removed in Removal Step 2. Your truck should now look like the truck in Fig H.

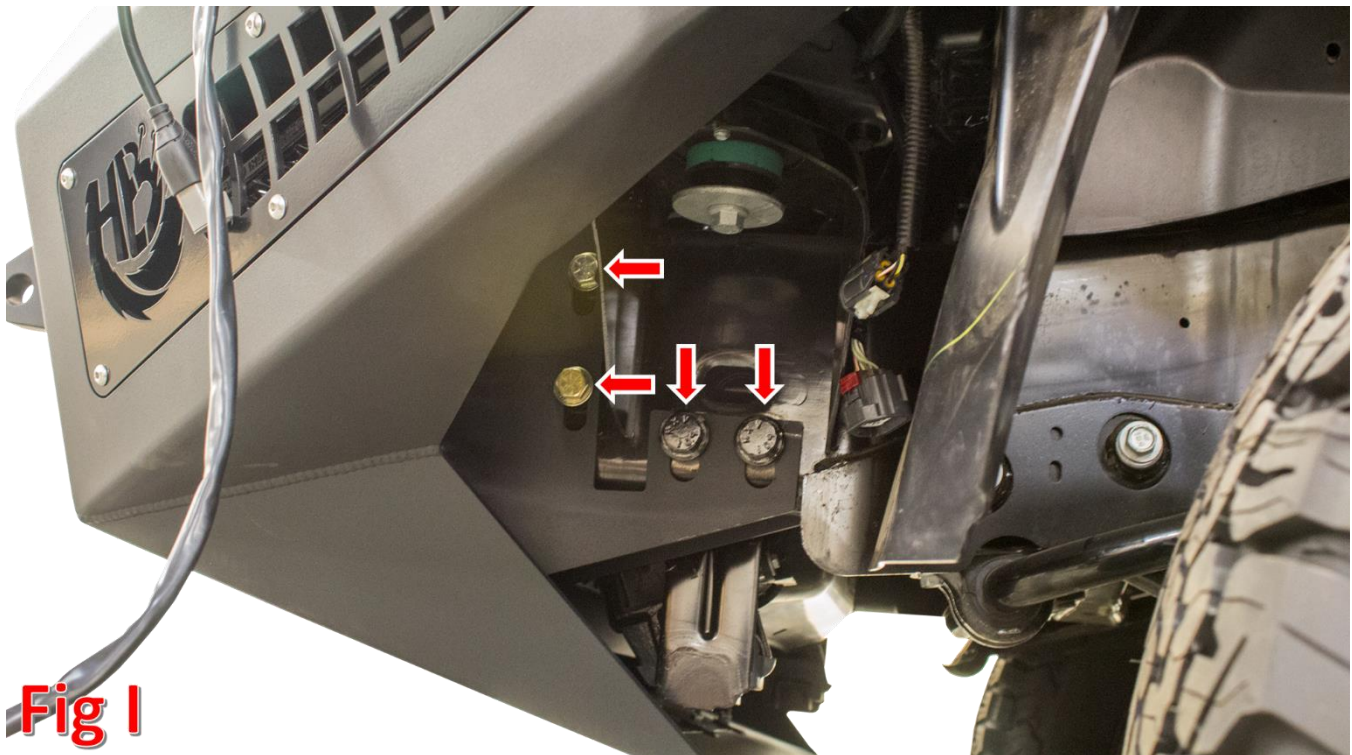


**Fig H**

9. Prepare to install your new ADD HoneyBadger Front Bumper.

## INSTALLATION

1. If you purchased any lights or a winch with your bumper, now is a good time to install those. Please follow the light/winch manufacturer's instructions for mounting and wiring information.
2. Line the mounting holes on the bumper up with the mounting holes on the vehicle's frame horns. Secure the bumper to the frame using the supplied 1/2" Bolts (x4), 1/2" Washers (x8), 1/2" Locking Nuts (x4), and the bolts/nuts you removed in Removal Step 7 (x4). (Fig I)



**Fig I**



3. Line the bumper up so that it sits straight in relation to the bottom of the grill/valance, then go back and tighten the mounting bolts. Tighten the supplied bolts to 70 foot pounds, and tighten the reused bolts to the manufacturer's specification.
4. Stand back and enjoy your new ADD HoneyBadger Front Bumper.
5. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.

