

ADDICTIVE DESERT DESIGNS

2007.5 – 2013 Chevy 1500 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. 15mm Socket
 - b. 18mm Socket
 - c. 13/16" Socket
 - d. 7/8" Wrench
 - e. Ratchet

Note: this installation requires 2 people for best results

5. Included in Kit:
 - 2 – Hex Head Grade 8 Bolts – 9/16"-12 x 1 1/4"
 - 4 – Flat Washers – 9/16"
 - 2 – Metal Lock Nuts – 9/16"-12

REMOVAL

1. Remove the license plate lights from their housings. Then, remove the housings from the OEM bumper. Do this by pressing in the two tabs on the backside of the license plate housings. (Fig A)
2. Unplug the connector on the back side of the trailer light plug. Remove this plug from the bumper by twisting it counterclockwise until it stops, then pulling it forward. (Fig A)



Fig A

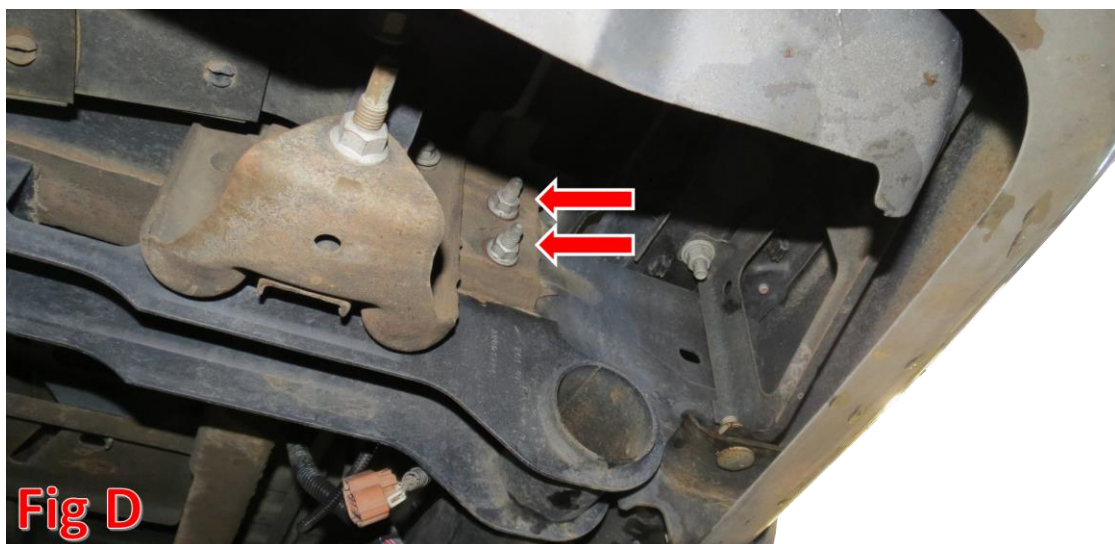
3. On the underside of the bumper, towards the center, unplug the connector referenced in Fig B.



4. Using a 13/16" Socket and a ratchet, remove the two bolts on the bottom side of the bumper, next to the trailer hitch. (Fig C)



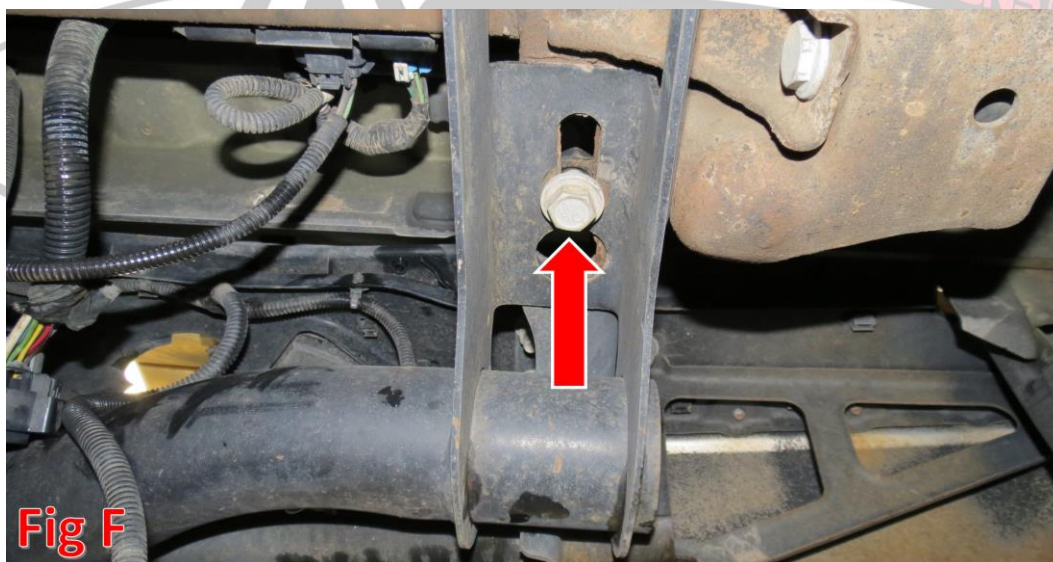
5. Remove the two 18mm nuts along the frame rails, referenced in Fig D. Then, remove the two nuts in the same place on the other side of the vehicle. Save the bolts and nuts removed in this step for reuse.



- Using a 15mm socket, remove the bolt sitting right next to the two nuts you just removed. There is one 15mm bolt per side that needs to be removed. (Fig E)



- Using a 13/16" Socket, remove the bolt on the underside of the frame rails. There is one per side. Fig F shows the location of this bolt.



- Remove the stock bumper from your truck.
- Cut the plastic clips holding the bumper harness to the stock bumper and remove the harness.
- Prepare to install your new ADD Bumper.

INSTALLATION

- Plug the bumper harness back into the truck by reconnecting the plug you removed in Removal Step 3. Arrange the harness on the truck so that it does not interfere with the bumper installation or hang down enough to get caught on anything as you drive.
- If you have any lights to install on your bumper, now would be a good time to do so. For wiring and mounting information, please follow the light manufacturer's installation instructions.

3. Line the holes on the mounting tabs of the bumper up with the now empty holes from Removal Step 5. Use the bolts from this step to hold the bumper in place. Leave these bolts loose for now. We line the bumper up so that the mounting tabs sit inside of the frame rails.
4. Install the supplied 9/16" Bolts (x2), 9/16" Washers (x4), and 9/16" Lock Nuts (x2) into the location you pulled the bolt from in Removal Step 7.
5. Align the bumper so that it sits straight in relation to the bottom of the tailgate. (Fig G)



6. Go back and tighten all the mounting bolts. Tighten the 9/16" mounting bolts to 80 foot pounds. Tighten the reused stock hardware to the manufacturer's specification.
7. Install the license plate light housings by pressing them into their precut holes. Reinstall the license plate lights into their housings. (Fig H)
8. Install the trailer plug into its precut hole. Plug the electrical connector into the back of it. (Fig H)



9. Stand back and enjoy your new ADD Dimple R Rear Bumper.
10. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



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