

# ADDICTIVE DESERT DESIGNS

## 1999 – Current Ford SuperDuty Dimple R 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. 21mm Socket or Wrench
  - b. Ratchet
5. Included in Kit:

*Note: this installation requires 2 people for best results*

### Reuse Stock Hardware

### REMOVAL

1. Remove the license plate lights from their housings.
2. Remove the parking sensors with the harness still attached from the OEM bumper. To remove the sensors from the outer rings, simply push the two tabs on the back side of the outer ring outwards as you push the sensor out the back of the ring. (Fig A)
3. Remove the four 21mm bolts holding the bumper to the vehicle. There are two per side. Set these bolts aside for reuse. (Fig B)



Fig A

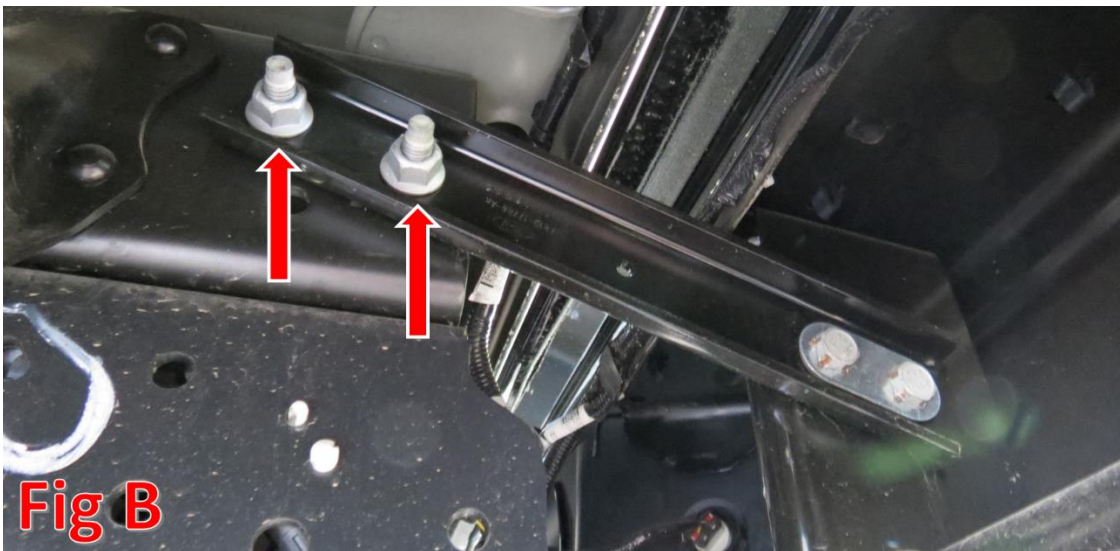


Fig B

4. Slide the OEM bumper off of the vehicle.

- Remove the parking sensor outer rings from the OEM Bumper by pushing in the two tabs holding the outer rings to the bumper and pushing the outer rings out the front of the bumper.

(Fig C)

- Remove the license plate light housings from the OEM bumper by pressing in the tabs on the back of the housing and pushing the housing out the front of the bumper.

**Fig C**



- Prepare to install your new ADD Rear Bumper.

## INSTALLATION

- Install the parking sensor outer rings on your new ADD bumper by pushing them into their precut holes.
- If you purchased any lights for your bumper, now is a good time to install those. Please refer to the light manufacturer's instructions for mounting and wiring information.
- Position the bumper so that the mounting holes on the bumper tabs line up with the holes the OEM bumper was mounted to. Use the bolts you took out in removal Step 3 (x4) to hold it in place. Leave the bolts loose for now. (Fig D)

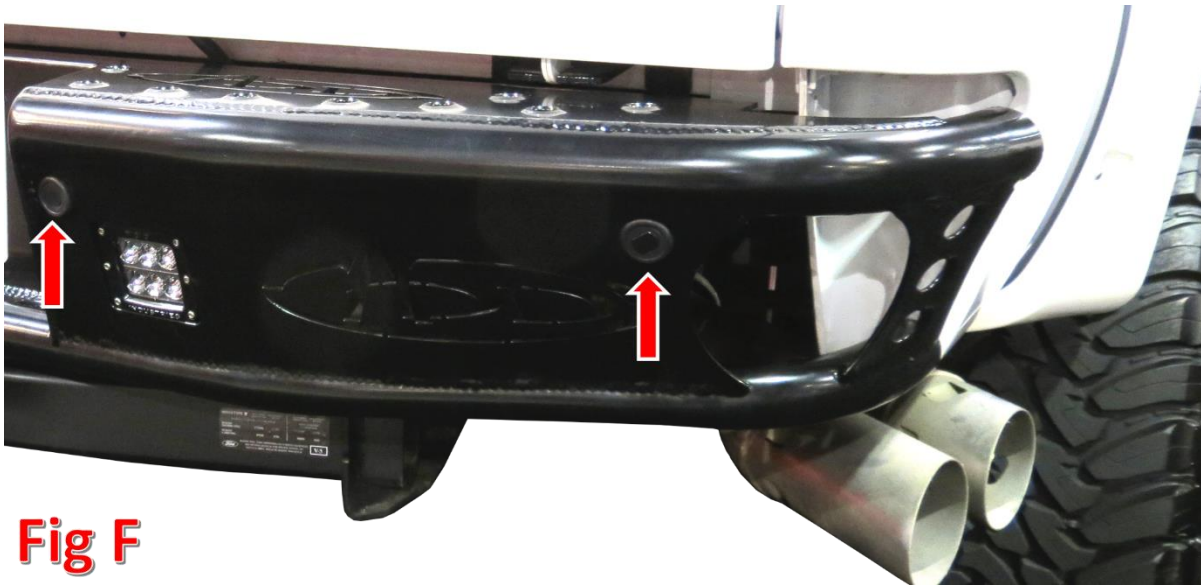


**Fig D**

- Align the bumper so that it is straight in relation to the bottom of tailgate. Tighten the mounting bolts to manufacturer's specifications.
- Install the license plate light housings on the new bumper by simply pushing them into their precut holes. (Fig E)
- Install the license plate lights into their housings.
- Install spare tire lock by turning the key to the unlocked position, pushing the lock into its hole, then turning the key to the locked position.
- Install parking sensors into the outer rings by pushing them into the rings (with the harnesses still connected) from the back side. (Fig F)



**Fig E**



**Fig F**

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.



For Additional Support or Technical Questions,  
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