

ADDICTIVE DESERT DESIGNS

2010 - 2014 FORD RAPTOR DIMPLE R REAR BUMPER INSTALLATION INSTRUCTIONS

PREPARATION STEPS

1. Disconnect the negative terminal on the battery. With the vehicle on level ground and the emergency brake set.
2. You will need the following tools:
 - a. 90' drill
 - b. ½" drill bit
 - c. Ratchet
 - d. ¾" Socket
 - e. ¾" Wrench
 - f. 10MM socket
 - g. 10mm Wrench
3. Hardware Included:
 - a. 4 - ½" x 1 ½" Bolts
 - b. 4 - ½" Nuts
 - c. 8 - ½" Flat washers

**2 - 10mm Bolts will be re-used in the installation

INSTALLATION INSTRUCTIONS

1. Remove factory Rear Bumper.
2. Drill the 4 mount holes out to ½".
The red arrows are the holes to be drilled. Lower mount holes will remain not be altered and reused.



If you purchased lights that fit behind the bumper, now is a good time to install those into the bumper

3. Fit the bumper back onto the truck and attach using the supplied $\frac{1}{2}$ " x $1\frac{1}{2}$ " Bolts (4 ea.), $\frac{1}{2}$ " Nuts (4 ea.) and $\frac{1}{2}$ " Flat Washers (8 ea.) and the two lower 10mm factory bolts. Leave finger tight until all of the bolts are installed, then tighten the $\frac{1}{2}$ " Bolts to 70 ft./lbs. and the 10mm Bolts to 25 ft./lbs.
4. Fit License plate light assembly, license plate, and back-up sensors (if equipped).
5. Step back and enjoy your new A.D.D. bumper.



6. Check, and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.