



2010 to 2014 Ford Raptor Front bumper Installation Instructions



WARNING

Read the instructions completely before beginning the installation. Before tightening bolts, drilling or cutting where required, check to make sure that there are no obstructions such as brake, fuel or electrical lines that may be damaged. Also keep in mind this is an aftermarket product and MAY require some minor shimming and or trimming, reaming etc. to fit properly.

IMPORTANT NOTICE

If you are receiving this ROAD ARMOR product raw/uncoated. Be sure to inspect and test fit your product to ensure proper fitment and adequate surface preparation before having your product coated, painted, bed lined, etc. ROAD ARMOR will not be responsible for the cost of coating your bumpers if any problems with fit or finish are not noted and addressed prior to having your product coated.

THANK YOU



Suggested Lights Front Bumper: Rigid Dually series



Verify you have all the hardware that was sent with the Bumper. The front Bumper requires the following hardware (all are Grade 8)

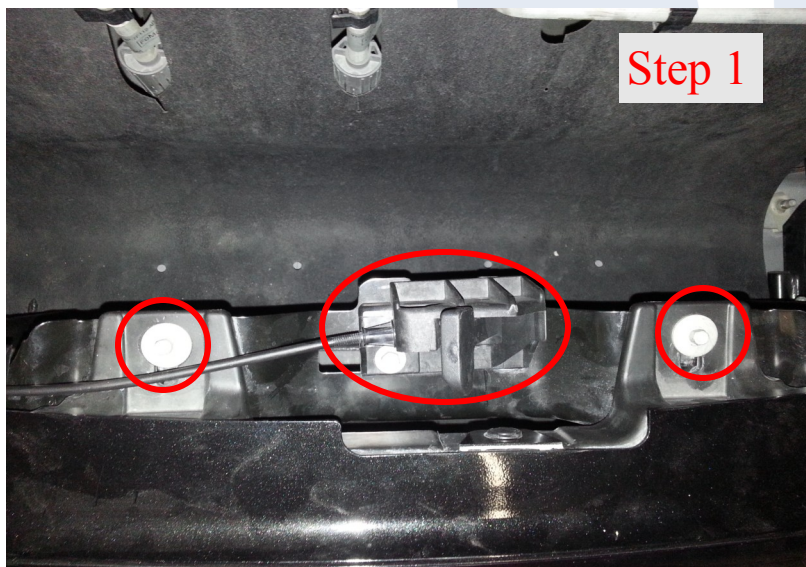
- (4) 1/2" x 1 1/2" Single Bolt Plates
- (4) 1/2" x 2" Single Bolt Plates
- (2) Double Bolt Plates
- (16) 1/2" Flat Washers
- (14) 1/2" Lock Washers
- (14) 1/2" Hex Nuts
- (8) 1/2" Retaining Washers
- (2) 3/4"-10 x 6.5" Bolts
- (4) 3/4" Flat Washers
- (2) 3/4" Lock Washers
- (2) 3/4" Hex Nuts
- (1) 1/4"-20 x 3/4" Bolt
- (2) 1/4" Flat Washers
- (1) 1/4" Lock Washer
- (1) 1/4" Hex Nut
- (4) Plastic Inserts
- (8) Allen Head Bolt - Winch Hardware
- (1) Package of Road Armor Logo Hardware



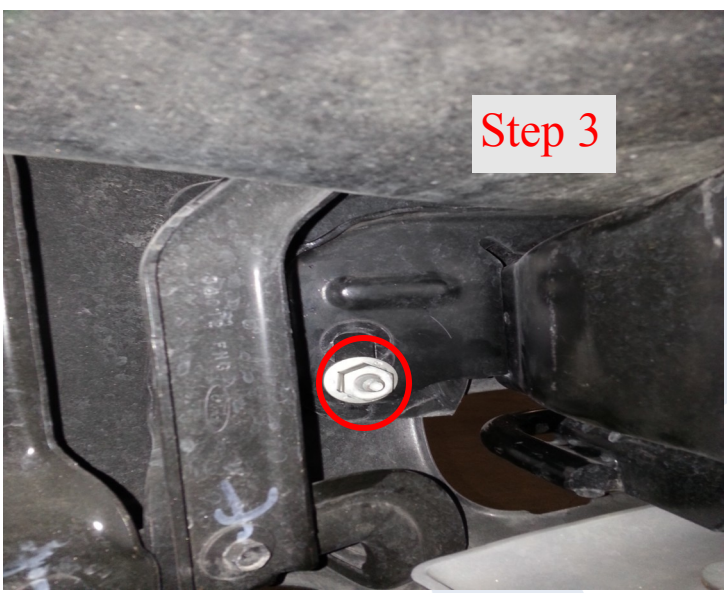
On to prepping the vehicle for installation. Park on a level surface, remove the license plate, and disconnect the battery. Now mask off the front and rear of the body to avoid scratches or chips in the paint when uninstalling/installing the bumpers.

Step 1 Remove all Three Hood latch mounting bolts

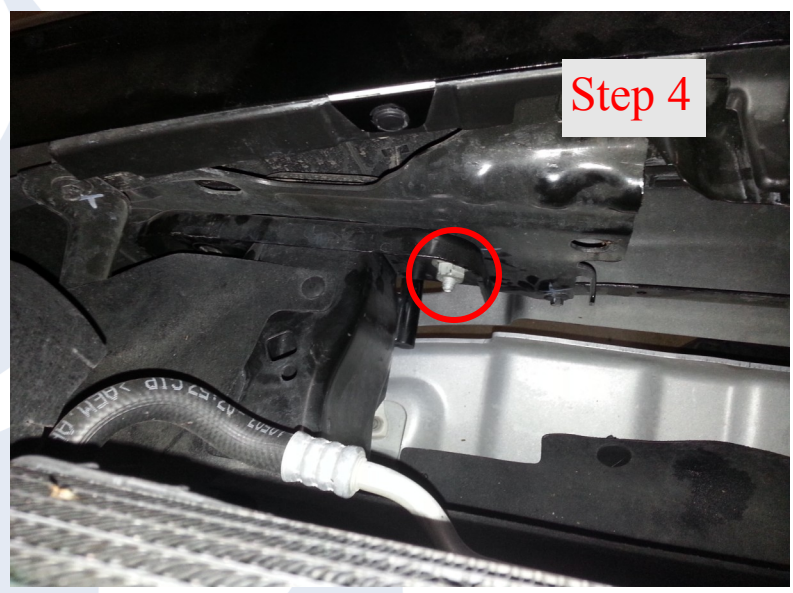
Step 2 Remove skirting



Step 3: Remove outer bumper mounting hardware



Step 4: Remove inner bumper mounting hardware



Step 5: Remove hood latch holder



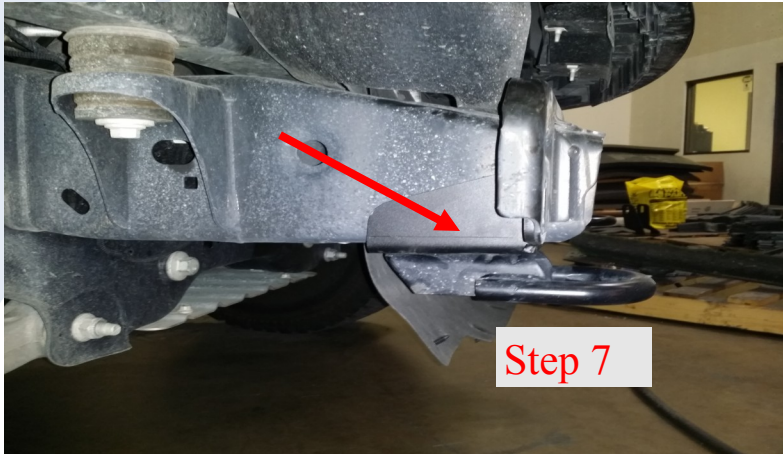
Step 6A Remove Skid plate



Step 6B: Remove Skid plate

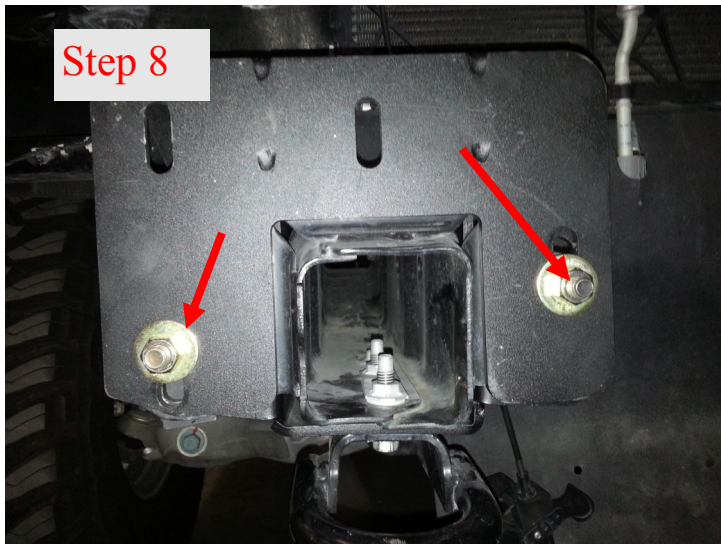


Step 7: Remove tow hook and re install with the lower bracket. See Step 8 for mounting





Step 8 : Snug front mounting plate



Step 9: Drill mounting hole



Step 10: Install 1/2" hardware



Step 11: If you are going to install center e-series lights be sure to mount them before installing the bumper

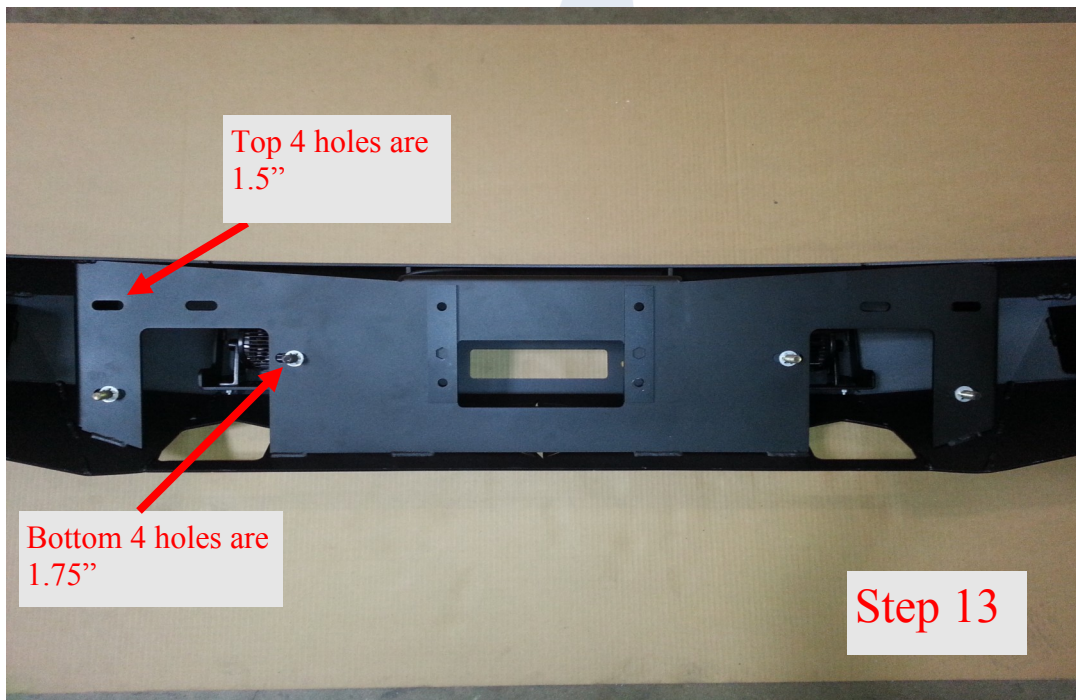


Step 12: Now re install the skid plate to your vehicle. If your going to install a winch the front lip of the skip plate is a good place to hold the winch while you are finishing up the mounting of the bumper.





Step13: Install (4) 1.75" and (4) 1.5" mounting bolts with retainer clips. This will help guide the bumper into place while mounting to the vehicle.



Step14: Now mount the bumper with the supplied 1/2" hardware, making sure the bumper is centered and tight. Leave a minimum of 3/8" clearance under fenders.

Step15: Mount winch, be sure to re install the hood latch



Step16: Install the front logo and fairlead



Enjoy your new Road Armor Bumper