

ROAD



ARMOR

2010+ DODGE RAM REAR BUMPER INSTALL 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 OR 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 UNIT IF ANY PROBLEMS WITH FIT OR FINISH ARE NOT NOTED AND ADDRESSED PRIOR TO HAVING YOUR PRODUCT COATED.

THANK YOU

TOOLS NEEDED

- Yourself and a strong friend / bumper jack.
(Don't worry, we're not calling you or your friend a "tool")
- Socket set, Ratchet & Wrenches (metric & standard)
(... more than likely metric for your rig, cause everything's imported these days,
and standard for your new bad ass Made in USA bumper.
Road Armor thanks you for supporting the American Economy!)
- Common Sense a Tape Measure and a bit of Patience
(And also a cold drink to celebrate afterwards)



STEP 1 : Make sure you have all necessary tools and hardware.

Hardware Kit Includes : (all Grade 8)

- (6) Single Bolt Plates
- (6) 1/2" Push On Retainers
- (6) 1/2" Flat Washers
- (6) 1/2" Lock Washers
- (6) 1/2"-13 Hex Nut
- (1) ROAD ARMOR LOGO (Small)
- (8) ALLEN HEAD BOLT & NUT (for logo and hitch plug)

STEP 2:

- Park on a level surface
- Remove license plate
- Disconnect battery
- Disconnect wire harness from license plate lights. Repeat this step for the other side of the bumper.

Picture 2

- Disconnect wire harness from trailer wire plug. Once the wire harness is disconnected, push in the clips on both sides of the plug and remove plug from bumper.

Picture 3

- Mask the front of the body to avoid scratches or chips in paint when uninstalling/installing the bumpers.

STEP 3:

- Using a 15mm socket remove the two bolts that hold the bumper mounts to frame. Repeat step for other side of bumper.

Picture 4

- NOTE: Bumper will be removed during this step. Be prepared to hold bumper in place and remove once bolt plates are removed.

Using a 15mm socket remove the two bolts which are located where the license plate mounts to bumper. Once they are removed the bumper can be removed from truck.

Picture 5

Once bumper is removed truck should look like picture . six

- Using a hammer remove locating pin from stock mounting brackets. Repeat for other side of bumper.

Picture 7





STEP 4:

- Insert one bolt plate into the inner slot on the bumper weld in brackets. Once bolt plate is inserted into the inner slot push one ½” push on retainer to hold bolt plate onto bumper.

NOTE: We recommend only installing one bolt plate on each side of the bumper to allow for easy installation. The other plates will be added to each side once bumper is on truck. Push retainer clip until it is flush with weld in bracket.

Repeat this step for the other side of the bumper assembly

Picture 8

- Due to tight clearance behind bumper the hitch plug plate and road armor logo should now be installed on bumper. Use supplied stainless steel hardware to attach items to bumper. Insert trailer wiring plug into bumper before tightening down hardware. The plate is slotted to allow for adjustment.

Picture 9

- When the bumper is ready to install it should look like the picture 10.
- It's time to install your road armor bumper. Using either a lift or a couple buddies, move the bumper into place. The bolt plates that are already placed into the bumper will line up with the slots in the frame bracket.
- Lift the bumper and slide the bolt plates into the slots in the frame brackets. Once bolt plates slide into to frame bracket slots insert one ½” flat washer, ½” lock washer, and one ½” nut on each bolt in each bolt plate. Hand tighten all hardware.

Picture 11

Repeat this step for the other side of the bumper. Hand tighten all hardware.





- Once bumper is on truck insert the two outer bolt plates. Once bolt plates slide into to frame bracket slots insert one 1/2" flat washer, 1/2" lock washer, and one 1/2" nut on each bolt in each bolt plate. Hand tighten all hardware.

Picture 12

Repeat this step for the other side of the bumper. Hand tighten all hardware and prepare for final adjustment.

- Make final adjustment to bumper and tighten all hardware.

