

ROAD



ARMOR

2008 - 2011 Ford Super Duty 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



SUGGESTED LIGHTS THAT FIT THIS UNIT:

PIAA 2000 - www.piaa.com - Part Numbers (2091, 2090).

Hella 1400 Optilux

License plate lights. You can get them at..

<http://www.etrailer.com/Trailer-Lights/Optronics/LPL31CB.html>



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, 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)
- (4) Double Bolt Plates
 - (4) ½” Push On Retainers
 - (8) ½” Flat Washers
 - (8) ½” Lock Washers
 - (8) ½”-13 Hex Nut
 - (1) ROAD ARMOR LOGO (Small)
 - (4) ALLEN HEAD BOLT & NUT (for logo)

STEP 2:

- Park on a level surface
- Remove license plate
- Disconnect battery
- Before starting to remove bumper it is smart to tape off paint around bumper to avoid scratches during install.

STEP 3:

- Disconnect wire harness from license plate lights. To disconnect push down tab on harness with flat blade screwdriver and pull apart.

Picture 2

- Using a 21mm socket remove the two nuts on the bolt plate that holds the bumper mounts to frame. Do not remove bolt plates until it is time to remove bumper from truck.

Picture 3

Repeat step for other side of bumper.

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

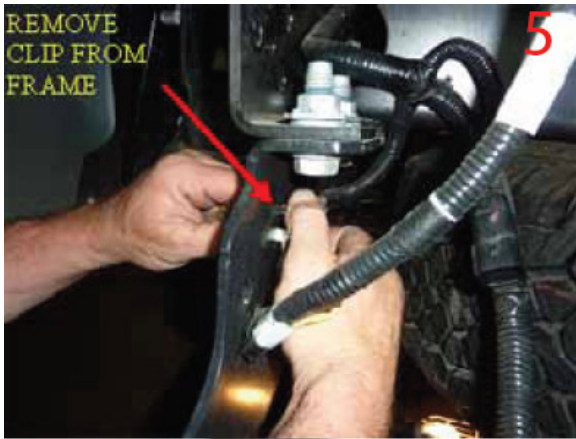
Remove the two bolt plates which the nuts were removed from during the last step. Once they are removed the bumper can be removed from truck.

Once bumper is removed truck should look like picture 4.

- Disconnect wire harness from frame by hand. This will allow easier frame bracket installation. This will need to be reconnected once frame bracket is installed.

Picture 5





- Using 24mm socket remove bolts from nuts plates which mount hitch assembly to frame. This will not completely remove hitch from truck. Only remove the set of bolts and nut plates toward the rear of the truck.

Picture 6

Repeat this step for the other side of the truck.

STEP 4:

- Install the first Road Armor frame bracket using stock hardware. Refer to picture to determine how the bracket mounts onto the frame. Hand tighten all bolts to allow for adjustment once bumper is on truck.

Picture 7

Repeat this step for the other side of the truck

- Insert the first bolt plate into the one of the slots on the bumper weld in brackets. Once bolt plate is inserted into lower slots push one ½" push on retainer to hold bolt plate onto bumper.

Picture 8-9

Repeat this step for the three other bolt plates required for bumper assembly.

- 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. If needed use a tape measure to align the bolt plates with proper spacing to make mounting the bumper easier.
- 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 10

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. Once bumper is fully adjusted attach stainless steel road armor logo to bumper with supplied hardware

Enjoy your new Road Armor bumper



- Basque in glory. Congratulations!