

# ROAD



# ARMOR

## 2007-2011 TOYOTA TUNDRA REAR INSTALL INSTRUCTIONS



### Warning!

Read the instructions completely before beginning the installation. Before tightening bolts 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](http://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 Included : ( all grade 8 hardware )

- (8) 1/2" x 1.5" coarse thread Grade 8 Bolt plates
- (16) 1/2" Washers
- (8) 1/2" Lock Washers
- (2) 1/2" Retainer Washers
- (8) 1/2" Coarse Thread Nuts
- (4) 3/8 SOCKET CAP WINCH BOLTS
- (4) 7/16 ALLEN HEAD WINCH BOLTS
- (4) ALLEN HEAD BOLT & NUT (for logo)
- (1) Small Road Armor Logo



**STEP 2:**

- Uninstall OEM bumper
  - Remove Brace from under carriage to bumper.
  - Picture: 2 - 3
- Remove tow package bolts and save the hardware (you will be using them with the new hardware).
  - Picture: 4 (bolts you will be removing)
- Install the new brackets on each side (they make an "L" shape that points to the outside of the vehicle).
  - To get the brackets to fit snug and proper, you may have to do some minor trimming in various spots.
  - Picture: 5 - 7
- Set the 1/2 bolts into the bracket so the threads face towards the cab. on one of the bolts use a retaining washer to hold the bolt in place (do this for both mounts).
  - Use a small socket to make it easier the pust the retainer washer on.
  - Picture: 8 - 9
- Install the brackets using the stick OEM bolts you took off the tow package and tighten them down.
  - Picture: 10







### STEP 3:

- Set bumper onto brackets with your friend (optional, tough guys don't need help)
- Snug the hardware down.
- Square up the bumper by measuring from the bumper to the bottom corner of the bed as seen in picture eleven.
- Once the bumper is square up with the body tighten down all the hardware.
- Now take a step back, bask in glory. Congratulations! Time for a cold one!

