

ROAD



ARMOR

2007 - 2011 TOYOTA TUNDRA FRONT 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 PREPERATION 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 510 - Part Numbers (5161, 5164, 5192, 5190, 5196).

Warn 350F - Part Number (82410).



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!)

-Rivet Remover

(makes it easy and doesn't damage the rivets) you will be keeping these and putting them back in so be careful!
See picture two if your not sure what the tool looks like

- 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)

- (8) 1/2" x 1.5" Bolt Plates
- (16) 1/2" Washers
- (8) 1/2" Lock Washers
- (8) 1/2" Nuts
- (4) 7/16" Allen Head Bolts
- (4) 3/8" Allen Head
- (2) 1/2" Retainer Washers
- (4) Allen Head Bolts and Nuts
- (1) Road Armor Logo

STEP 2:

- Park on a level surface
- Pop Hood
- Remove license plate
- Disconnect battery
- Disconnect all lights (OEM Fog lights, OEM Headlights)
 - They should unclip, or twist and pull □

- After this is done you are free to start the removal of your old stock wimpy, weak, pathetic bumper.
- Remove fender extenders that are between the light and upper bumper cover.

Be careful when you get to the bumper extension pieces under the lights and above the bumper cover, as these are very breakable. Proper tools are suggested so nothing breaks on you.

See pictures 3 and 3A for illustration.

- Optional (makes the job a little easier for bolts to get tightened) Remove Trans-cooler as shown below, you will lose a little fluid.

See pictures 5 and 5A.

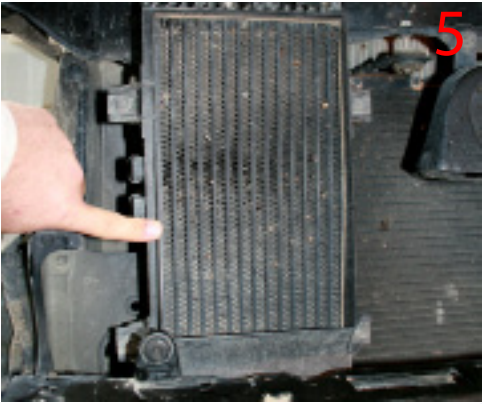
- Make sure you have everything stock off the truck you need in order to get this bumper on correctly and with ease! Headlights, Fog Lights, Upper Bumper covers, Bumper Extenders, Stock Bumper, Bumper Frame, and Misc. other parts.

See picture 4.





STEP 3:



- Install one bolt in Road Armor bumper per side using retaining clips.
(Recommend top outside bolts)
-Use a small socket to help push the retainer clips on.
See pictures 6
- Tighten two outside bracket bolts hand tight onto bumper, as shown in picture 6A
Do this for both sides
- Install winch with supplied hardware.
See Picture 8
- Put the bumper in place on the truck and there are two studs where your tow hooks (eyes) were. They are at the base of the Road Armor brackets. Take your 14mm nuts and tighten them down and align the bumper until you get it where you want it! You do this by tightening down the two outside bolts you put on earlier; this allows the brackets to be set where you need them.
- Once that's all done you can put the remaining bolts into their holes. (Use one standard washer on each side, one lock washer before nut is put on).
- Tighten nuts, back up bolt heads to prevent spinning.
- After that's complete check with a measuring tape both sides to ensure the proper alignment. Use a body line, headlight something that's equal on both sides!
- Once you have the bumper all on and tightened up you can start to put back on the stock parts that go back on.
Headlights, Fender extenders, Trans-cooler, License plate





- Install the winch to the bumper using the supplied Allen Bolts and Washers.
Note - Install the Flairlead bolts before you mount the winch.

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Basque in glory. Congratulations! Time for a cold one!