

# ROAD



# ARMOR



## 2003-2009 DODGE RAM 2500 / 3500 FRONT AND REAR 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:

#### Front Bumper

PIAA 510 - [www.piaa.com](http://www.piaa.com) - Part Numbers (5161, 5164, 5192, 5190, 5196).

Warn 350F - [www.warn.com](http://www.warn.com) Part Number (82410).

#### Rear Bumper

PIAA 2000 - [www.piaa.com](http://www.piaa.com) - Part Numbers (2190, 2192).

Hella 1400 Optilux



### 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

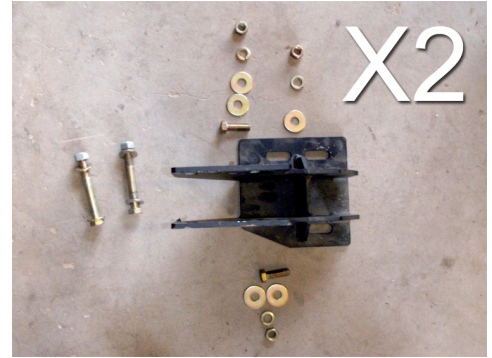
( And also a cold drink to celebrate afterwards )



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

Hardware Kit Includes : ( all Grade 8 )

- ( 6 ) .5" x 1.5" Bolt Plates
- ( 8 ) .5" x 4.5" Bolts
- (22) .5" Washers
- ( 14 ) .5" Lock Washers
- ( 6 ) .5" Nuts
- ( 8 ) .5" Lock Nuts
- ( 2 ) Retainer Clips



**STEP 2:**

- Park on level surface and Disconnect Positive Battery Terminal.
- Disconnect Factory Fog Lights and Remove OEM Bumper.
- Install winch prior to bumper installation with supplied Alan Head Bolts. Don't forget the fairlead bolts first.
- Once OEM bumper is removed...



**STEP3:**

- Loosely fit brackets on frame using supplied long bolts.
- Install one bolt plate in Road Armor bumper per side using retainer clips as pictured below.







## STEP 4:

- If guarded : Wrap corners with soft material to protect fenders from scratching.
- Measure between bracket holes and position bumper bolts for easy alignment.
- Carefully guide bumper onto brackets and tighten once bumper is adjusted.



- Using a silver sharpie or paint pen mark the contour of the bumper on inner fenderwell by pulling it tight and tracing. Once traced, double check and make any necessary adjustments then cut excess plastic and tuck into bumper.



- We recommend you drill two additional holes in the frame where noted below to ensure bumper stability.
- Basque in glory. Congratulations! Time for a cold one!







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

Hardware Kit Includes : ( all Grade 8 )

- ( 8 ) .5" x 1.5" Bolts
- ( 2 ) .5" x 4.5" Bolts
- (20) .5" Washers
- (20) .5" Lock Washers
- ( 10 ) .5" Nuts
- ( 2 ) Retainer Clips



**STEP2:**

- Loosely fit brackets on frame using supplied long bolts.
- Aftermarket tow hitches may require some trimming.
- Install one bolt in Road Armor bumper per side using retainer clips as pictured below.



**STEP3:**

- Drill extra holes once fully installed.
- Check tailgate fitment side to side while opening slowly, also check height when fully open.

