

# ROAD



# ARMOR

## 1994-2002 Dodge 2500/3500 Front 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 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! )

-Cut off wheel or some type of tool to cut threw 1/8" plastic sheet

- 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.

- (2) Double Bolt Plates
- (2) ½" Push On Retainers
- (4) ½" Flat Washers
- (4) ½" Lock Washers
- (4) ½"-13 Hex Nut
- (4) 3/8" Socket Head Cap Screw (For Winch)
- (4) 7/16" Socket Head Cap Screw (For Winch)
- (4) ALLEN HEAD BOLT & NUT (for logo)

### STEP 2:

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

### STEP 3:

- Using an 18mm socket remove the two bolts on outer bumper brace. The outer bumper brace holds the outer edge of the bumper to the frame. Refer to the two picture below to determine which bolts to remove.

Picture 2-3

Repeat this step for the other side of the truck.

- Using an 18mm socket remove the three nuts on the bolt plates that hold the bumper mounts to frame. Do not remove the double bolt plate until it is time to remove bumper from truck.

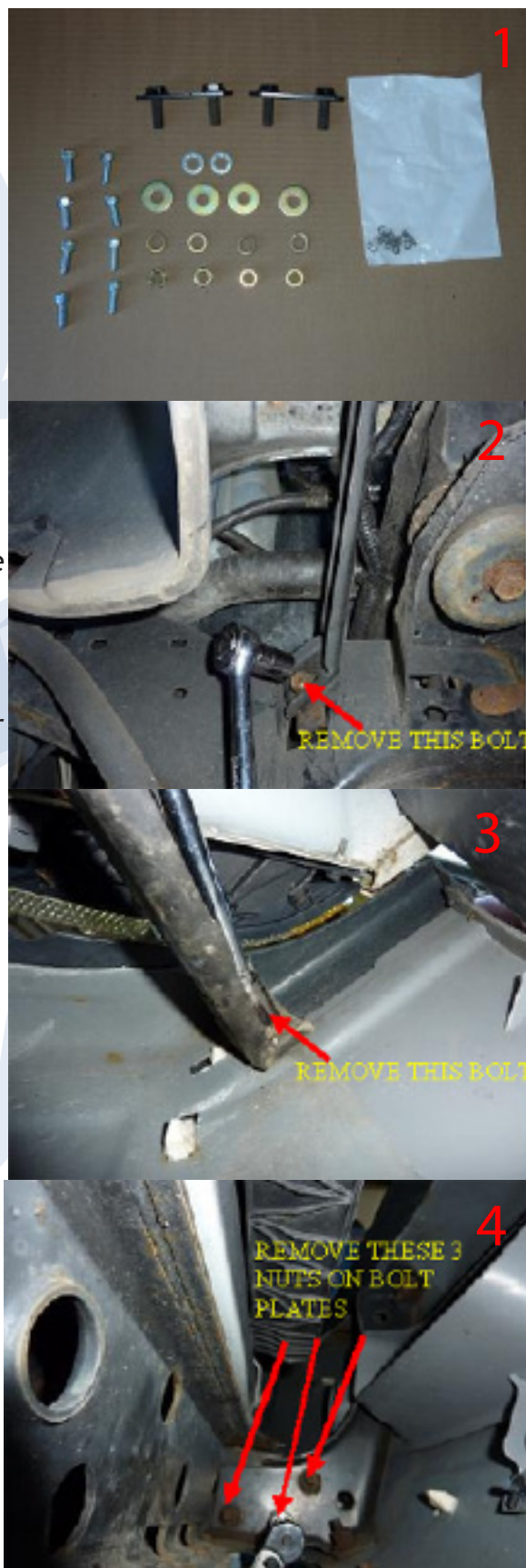
Picture 4

Repeat for other side of truck

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

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

Picture 5





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 6

Repeat this step for the other side of the truck

- Once both Road Armor frame brackets are installed on truck it should look like the picture below.

Picture 7

### STEP 4:

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

Picture 8

Repeat this step for the other side of the 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 fasten with one ½" flat washer, ½" lock washer, and one ½" nut on each bolt in each bolt plate. Hand tighten all hardware.

Picture 9

Repeat this step for the other side of the bumper.

- 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.





### STEP 5:

- Once bumper is fully adjusted the rubber liner in the wheel well needs to be cut back to fit inside road armor bumper.

Start with outer edge of liner.

Start by drawing line with marker of where the liner needs to be cut. This is a rough guess so if need be leave extra you can always cut more off but you can't add the liner back on once it's removed.

Picture 10

- Once this is marked cut it with cut off wheel as shown below.

Picture 11

Repeat on other side and lower section.

- Once the plastic wheel well liner has been cut insert liner in behind end cap of bumper assembly. This should help in place without fasteners if it was cut at correct length.

Picture 12

