

# ROAD



# ARMOR



## 99-07 FORD SUPERDUTY FRONT BUMPER

### 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



The 1999-2004 Superduty takes two sets of PIAA 510's or Warn 350F's  
The 2005-2007 Superduty takes one set of PIAA 510's and one set of PIAA 540's

### 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.

- (2) Stiffener Brackets
- (4) Double Bolt Plates
- (6) 7/16 - 14 X 1.5 Grade 8 Bolts
- (8) 1/2 Push on Retainers
- (8) 1/2 Flat Washers
- (8) 1/2 Lock Washers
- (8) 1/2 Hex Nut
- (2) Three-Way Nut Plates
- (6) 1/2 x 3/4 Bolts
- (4) 3/8 Socket Cap Winch Bolts
- (4) 7/16 Socket Cap Winch Bolts

### STEP 2: Uninstalling OEM Bumper

- Park on a level surface
- Remove license plate
- Disconnect battery
- Looking at the front of the truck take an 18mm socket remove the four bolts next to the tow hooks.
- Then take a 13mm socket remove the two bolts that are for the side supports. Have someone holding the front bumper while you take these loose.
- If you have factory front fog lights disconnect them.
- Mask the front of the body to avoid scratches or chips in paint when uninstalling/installing the bumpers.
- Now remove the front bumper and set aside.
- Take a 15mm socket and remove the six bolts that hold the tow hooks into position.



### STEP 3: Installing Road Armor

#### Bumper

- Place the the reinforcement brackets in front of the frame horns.

Picture 1



- Take the two tabs that have three nuts welded to them and place them in the same location as the tow hooks and using the six 1/2" bolts supplied. The triple nut plates are installed back after the stiffener bracket in picture 3 is put in place.

Picture 2 - 3

- At this time take the two tabs that have the 1/2" bolts welded to them and place them inside the bumper. Using the supplied bolt retaining washers and a 3/4" socket press one on to each tab to hold it into place.

Picture 4 - 5

- If you are installing a winch /or lights do so at this time per manufactures instructions.
- Place tape on the edges of the body to prevent the paint from scratching.
- Now using a friend to help you loosely attach the front bumper to the brackets making sure that all four bolts line up. Then use four washer, lock washers and nuts to hold bumper into place.
- With the bumper in place adjust one side a a time till you get the it in the right location then tight all the bolts.



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

