

# INSTALL INSTRUCTIONS

**Jeep JK Rocker Panel Armor**

**Product : JK300,JK301**

**Application : 2007+ Jeep Wrangler JK**

**( 2 Door and 4 Door )**

## ⚠ WARNING

Read the instructions completely before beginning installation. Before tightening bolts, drilling or cutting where required, check to make sure there are no obstructions such as brake, fuel or electrical lines which may be damaged. Also keep in mind this is an after-market product and MAY require minor shimming and/or trimming, reaming, etc. for proper fit. Road Armor is not responsible for any damages to vehicle.

## ⓘ IMPORTANT NOTICE

- Be sure to inspect and test fit your product to ensure proper fitment before having it 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 beforehand.

## SAFETY FIRST!

- FOLLOW ALL INSTRUCTIONS, YOUR SAFETY AND THE SAFETY OF OTHERS IS MOST IMPORTANT.
- WEAR APPROPRIATE EYE PROTECTION AND EXERCISE CAUTION WHEN DRILLING / CUTTING

## REQUIRED TOOLS

Metric and SAE Socket Sets and Wrenches

Floor Jack and Block of Wood

Welding Clamps (recommended)

Nutsert Installation Tool

17/32" Drill Bit, 7/16" Drill Bit, Step Bits

Rust Inhibiting Paint or RTV Silicone

## INCLUDED HARDWARE

### JK300 (4 Door)

(36) 3/8"-16x1" Button Head Bolts

(36) 3/8" Washers

(36) 3/8"-16 Nutsert Rivets

(22) 5/16"-18 Button Head Bolts

(22) 5/16" Lock Nuts

(44) 5/16" Washers

### JK301 (2 Door)

(24) 3/8"-16x1" Button Head Bolts

(24) 3/8" Washers

(24) 3/8"-16 Nutsert Rivets

(18) 5/16"-18 Button Head Bolts

(18) 5/16" Lock Nuts

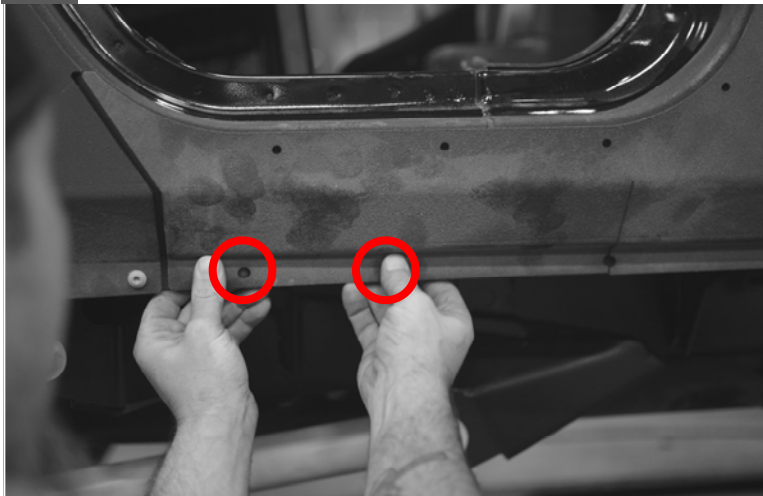
(36) 5/16" Washers

- 1** Remove Factory Running Boards  
Skip this step if not equipped.



- 2** Tape off where the Road Armor Rocker Armor may come into contact with the body to prevent scratching the paint. You may choose to either put tape on the body, or against the back edge of the skins.

For this step, please do as we say, not as we do. The shown installation was done on a vehicle with a Kevlar coating which does not scratch easily and we omitted this step.

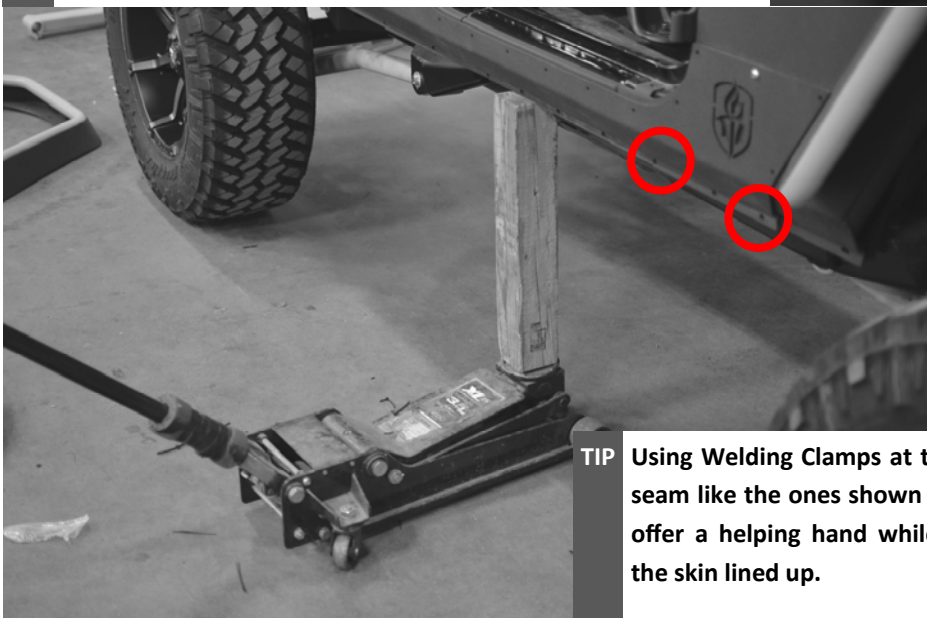


- 3** The factory holes at the fender along the pinch seam have welded on nuts which need to be removed. Using a wrench, simulate tightening to break them free and remove.

This is done because these nuts are a different thread pitch and size than included hardware.

- 4** Line up Rocker Armor with factory holes.

- 5** Insert 5/16" Button Head bolt through OEM holes and loosely put on washers and nuts to hold skin into place.



- 6** Use a jack with a block of wood to firm the skin up to the body before drilling.

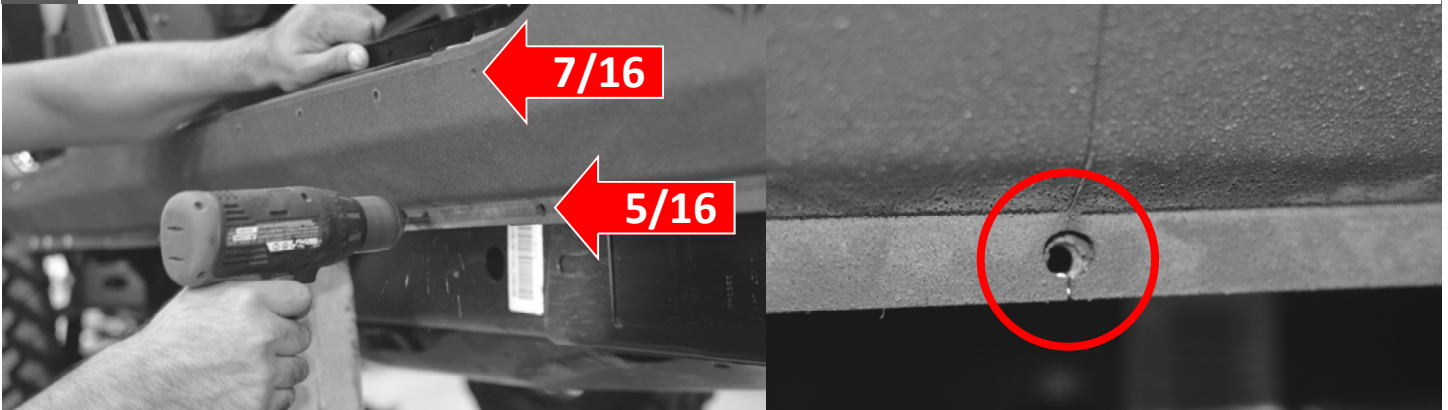
The Rocker Armor may not sit perfectly flush against the body at this point, but they will upon final installation.

**TIP** Using Welding Clamps at the pinch seam like the ones shown here can offer a helping hand while getting the skin lined up.



**7** Once rocker armor is snug to the body and you are satisfied with placement, begin drilling using the holes in the Road Armor Rocker Armor as a guide with a 7/16-in drill bit through the body and 5/16-in at the pinch seam. Alternatively at your option, you may use a smaller bit to pilot up to desired diameter.

Take care to drill in the center of the holes, if you have a center punch we suggest you use it.



**8** Remove the Rocker Armor and with either a step bit or by graduating to larger drill bits manually, enlarge the body holes to 17/32-in or 0.531-in.

Finding a step bit that has the 17/32-in step is extremely difficult as most step bits which have 1/32-in increments tend to graduate up to 1/2-in and no farther. The step type bits that do increment beyond 1/2-in tend to go directly to 9/16-in which is 0.5625-in and while it can still work, is too large a hole and will likely result in a nutsert which is loose and may spin.

Ideally, use a 17/32-in bit to finish the hole at the ideal diameter.

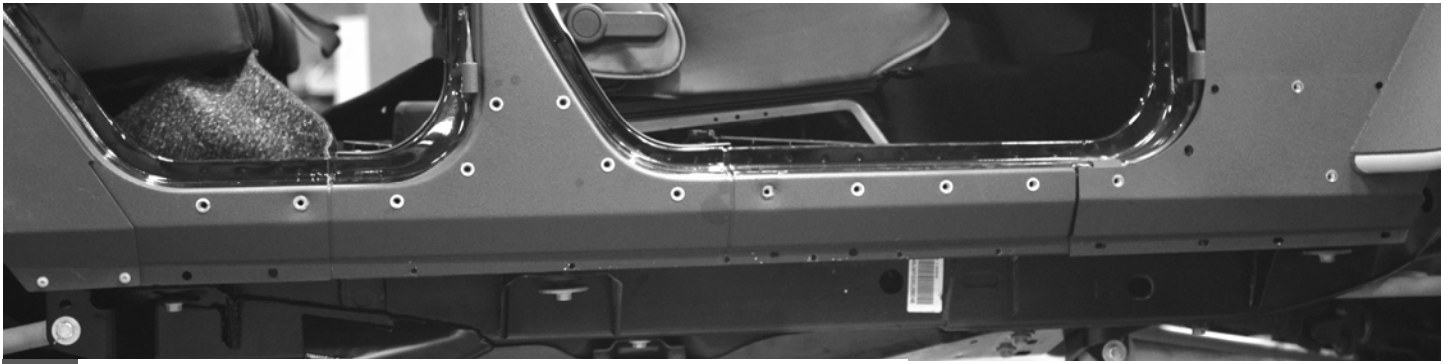
Alternatively, you can carefully ream the hole beyond 1/2-in until the nutsert enters snugly by employing a larger step bit, again taking care to not step up to 9/16-in.

This is an important step. Be patient and take your time while drilling to not exceed the desired hole size.



**Step Bits**





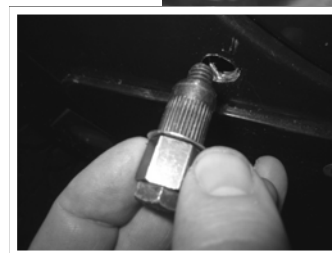
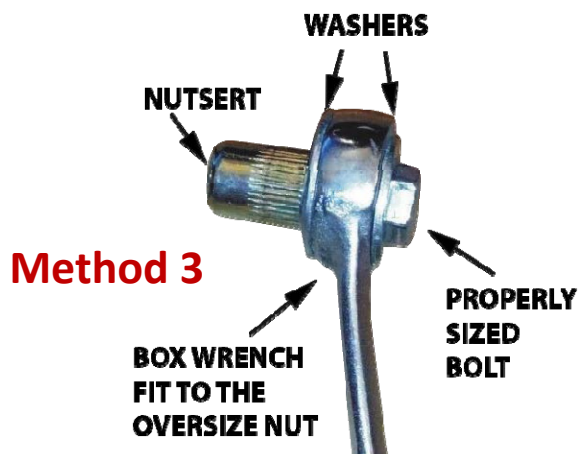
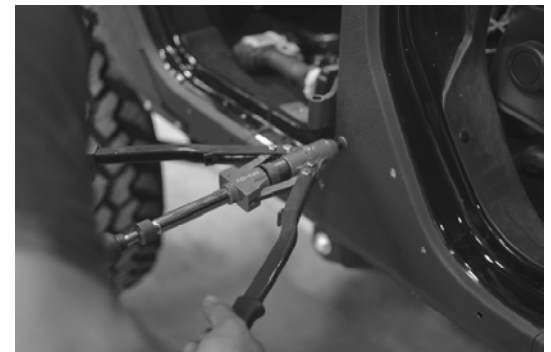
**9** Now begin installing the nutsert rivets.

There are several means for this which we will discuss here.

- 1) A professional nutsert tool similar to the one shown. This tool was acquired from Fastenal and has swappable mandrel tips for different applications. **TOOL : # 0126106 | TIP : # 0128345 ( 3/8-16 )**
- 2) Another specific tool for nutserts which works with wrenches.
- 3) DIY Makeshift tool using a bolt, oversized nut, a couple washers and a pair of wrenches as in #2.

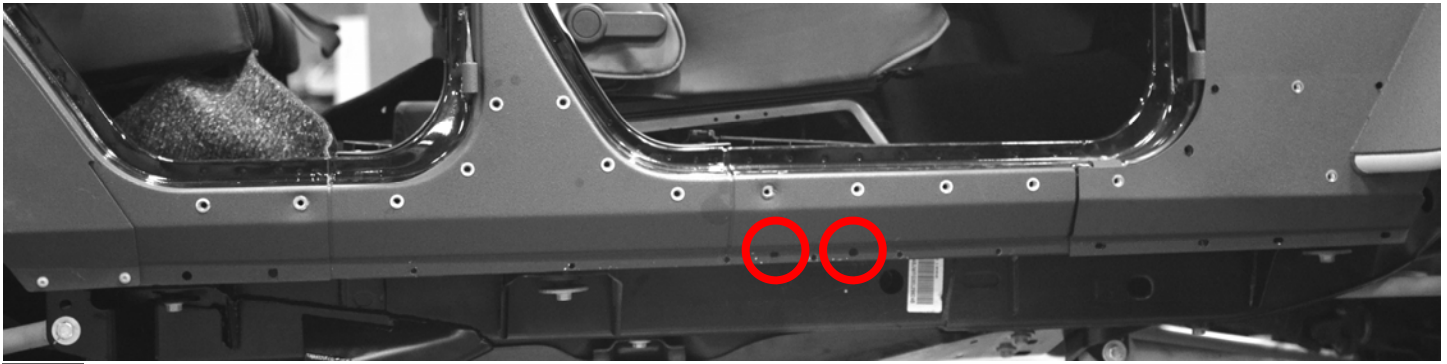
For all methods, first thread the nutsert onto tool of choice. With methods 2 and 3 you should use anti-seize on the tool threads. Place the nutsert flush to the body and while holding the base steady simply tighten the bolt. It will have some resistance at first but once it begins crushing it will become easier until fully compressed. Get it good and tight being careful not to spin it! With skill and experience an impact will make light work of this step.

**To prevent rust, apply a bead of RTV silicone behind the flange of the nutsert, or paint the raw steel around each hole with a brush.**



**Method 2**





**10** If your Jeep was equipped with the OEM Side Steps / Running Boards and you would like to re-install them. The holes marked in red above will need to be drill out through the Rocker Armor.

**INSTALL EVERYTHING COMPLETELY BEFORE PAINTING OR COATING.**

**11** Finally, if you have not already painted or coated your rocker armor, now would be the time. Paint to match or however you like.

**FINISHED!**

