

# **INSTALL INSTRUCTIONS**

**Jeep JT Rocker Guards**

**Product : 520ARG4**

**Application : 2020 JT Jeep Gladiator**

## I 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.

## **i** 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 & Step Bits

Rust Inhibiting Paint or RTV Silicone

## INCLUDED HARDWARE

### 520ARG4 (JT)

(38) 5/16"-18 x 1" Bolts

(16) 5/16"-18 x 1-1/4" Bolts

(12) 5/16"-18 x 1-1/4" Button Head Bolts

(8) M8 x 30mm Button Head Bolts

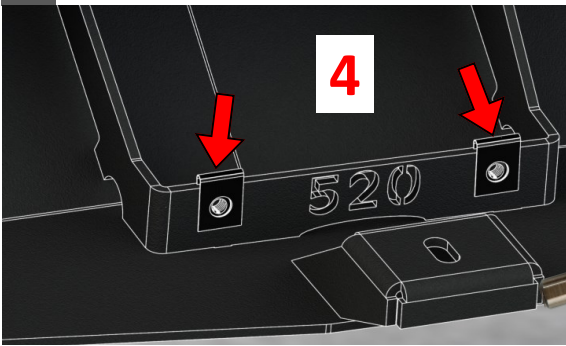
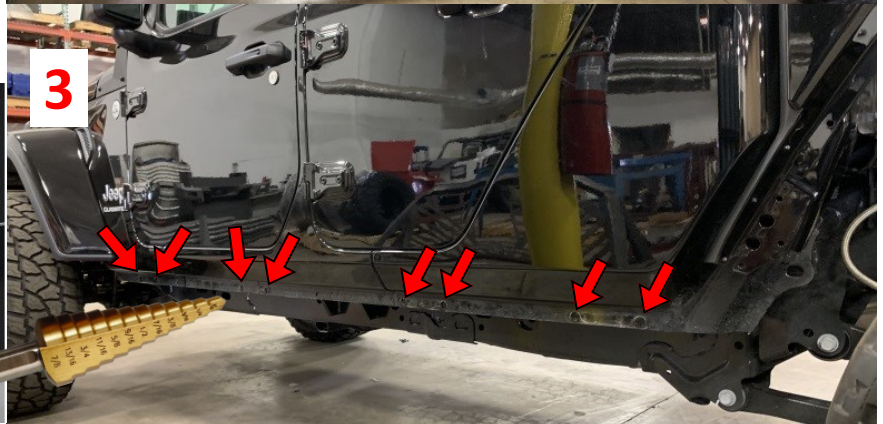
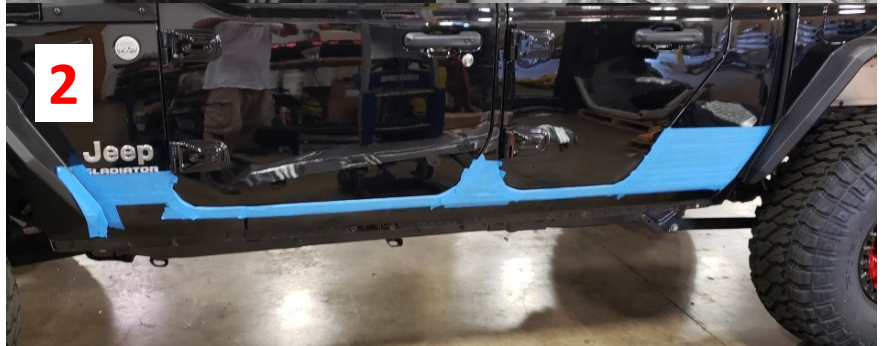
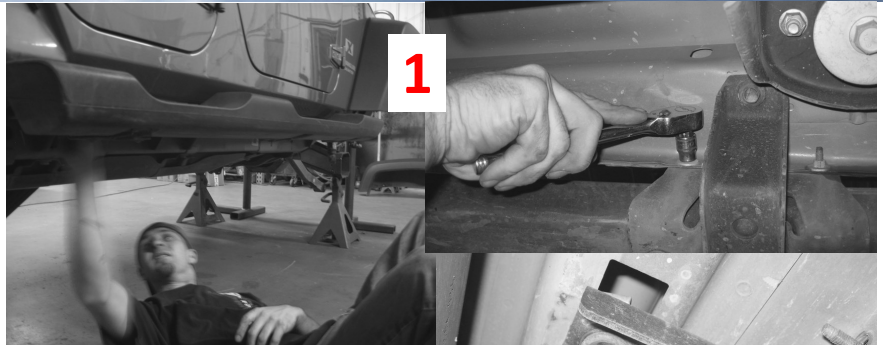
(38) 5/16"-18 Nutsert Rivets

(16) 5/16" Short U-Nuts & (12) 5/16"- Std. U-Nuts

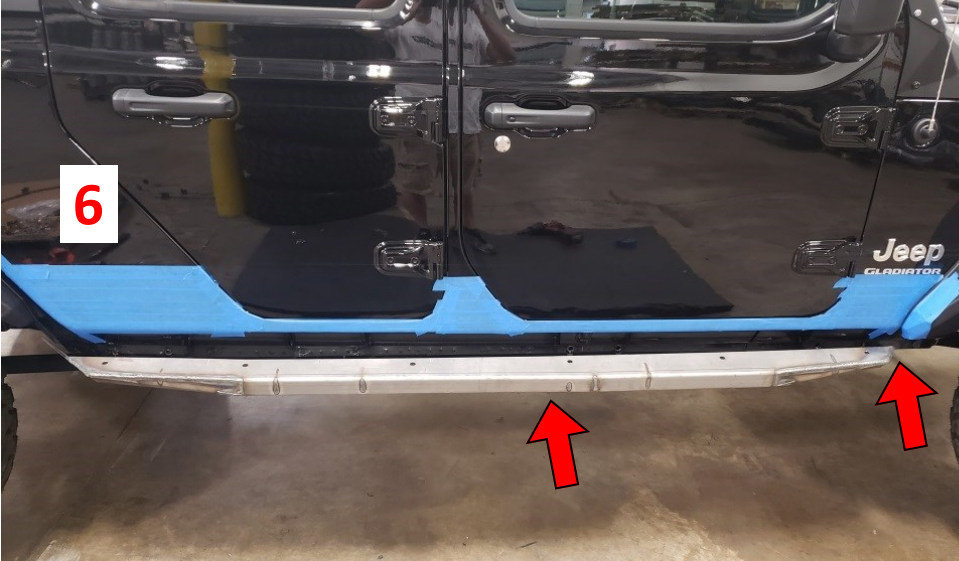
(24) 5/16" Washers & (50) M8 Washers



- 1 Remove Factory Running Boards or Rocker Rails. Skip this step if not equipped.
- 2 Tape rocker area where armor panel may come into contact with the body to prevent scratching paint during Installation process.
- 3 Drill existing rocker pinch seam holes to 3/8 with step bit or to larger drill bits manually.
- 4 Install all 5/16" Short U-Nut clips onto RA-Steps with threads facing inside of rocker guard as shown.
- 5 Remove front & center two cab bolts to prepare to install rocker guard.

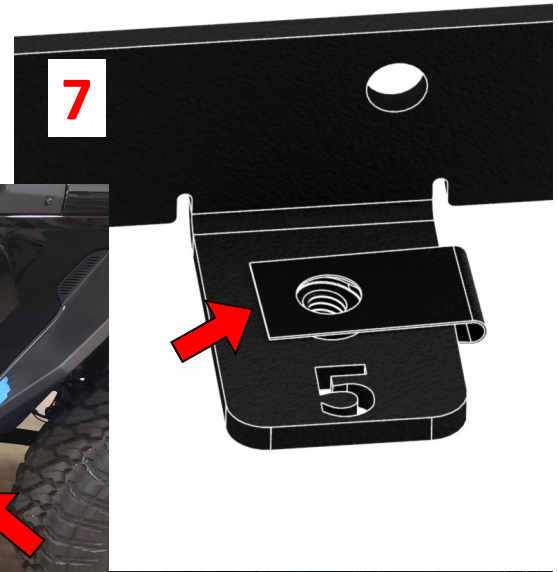


- 6 Install rocker guard loosely with front (A-Pillar) & center (B-Pillar) OEM body mounting bolts, use block of wood and floor jack to support rocker.



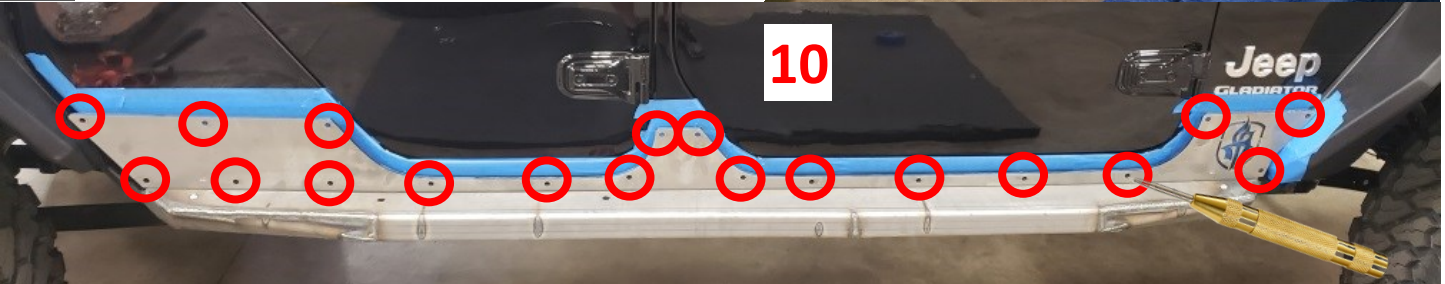
**7** Install kit 5/16" Std. U-Nut onto rocker guard armor tabs.

**8** Place rocker side armor onto top of rocker. Slowly tighten body mount bolts and lift panel into place along door seam.



**9** Install rocker side armor using 5/16" hardware through armor panel to rocker guard; then align front to back up & down to door seam.

**10** Using armor panel as a template use a transfer punch to mark holes prior to drilling.

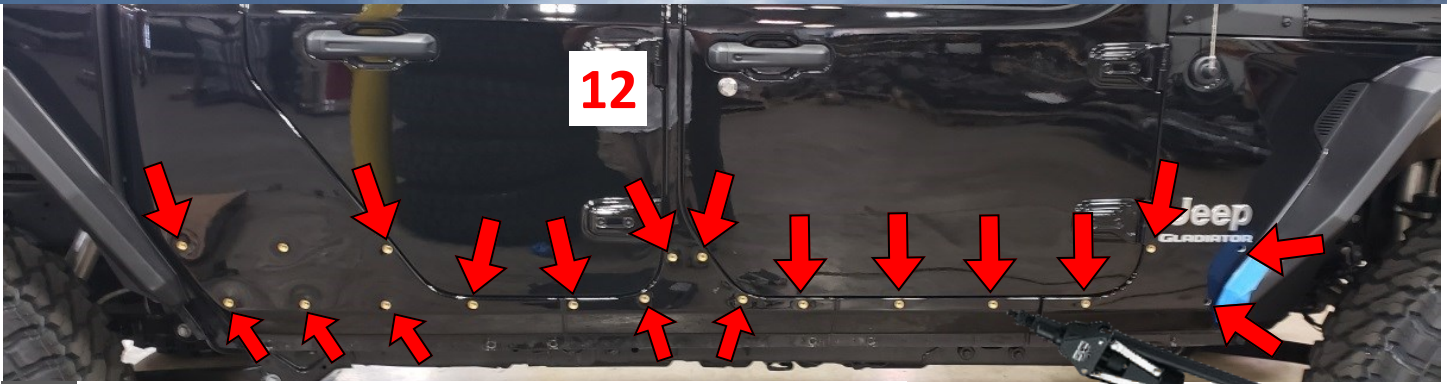


**11** Drill with either a step bit or by graduating to larger drill bits manually; drill body holes to 17/32-in or 0.531-in **\*\*ONLY\*\*** (9/16" is too large a hole and will likely result in a nutsert which is loose and may spin. This is an important step. Be patient and take your time while drilling to not exceed hole size.)



**Step Bits**





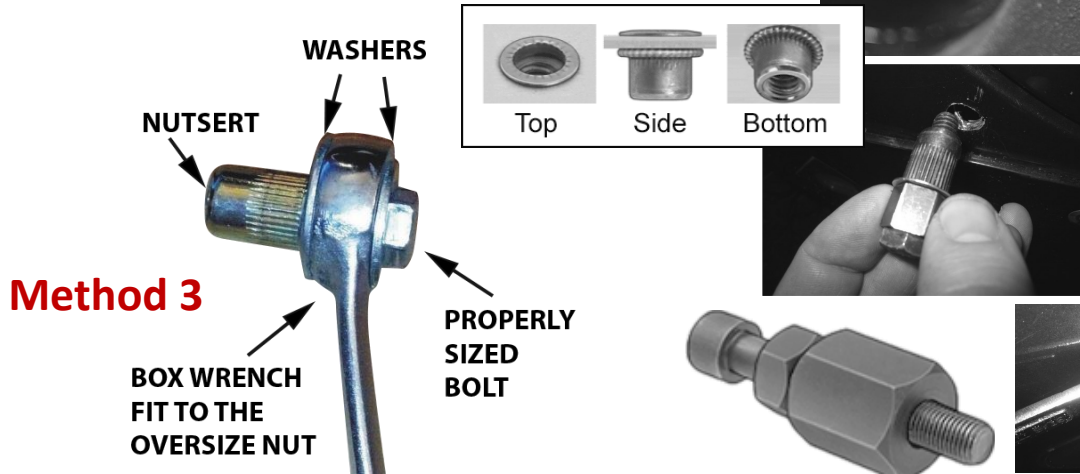
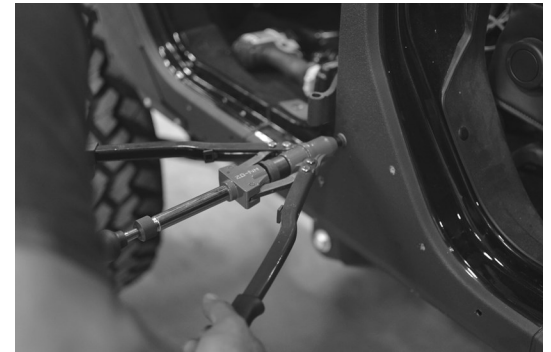
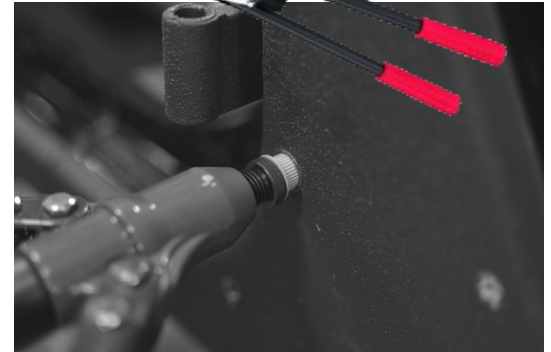
**12** Now begin installing the nutsert rivets.

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

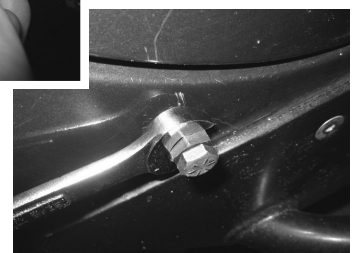
- 1) A professional nutsert tool similar to the one shown. This tool was acquired from Fastenal and has swappable mandrel tips for different applications. TOOL : # 0126106 | TIP : # 0128345 ( 3/8-16 )
- 2) Another specific tool for nutserts which works with wrenches.
- 3) DIY Makeshift tool using a bolt,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

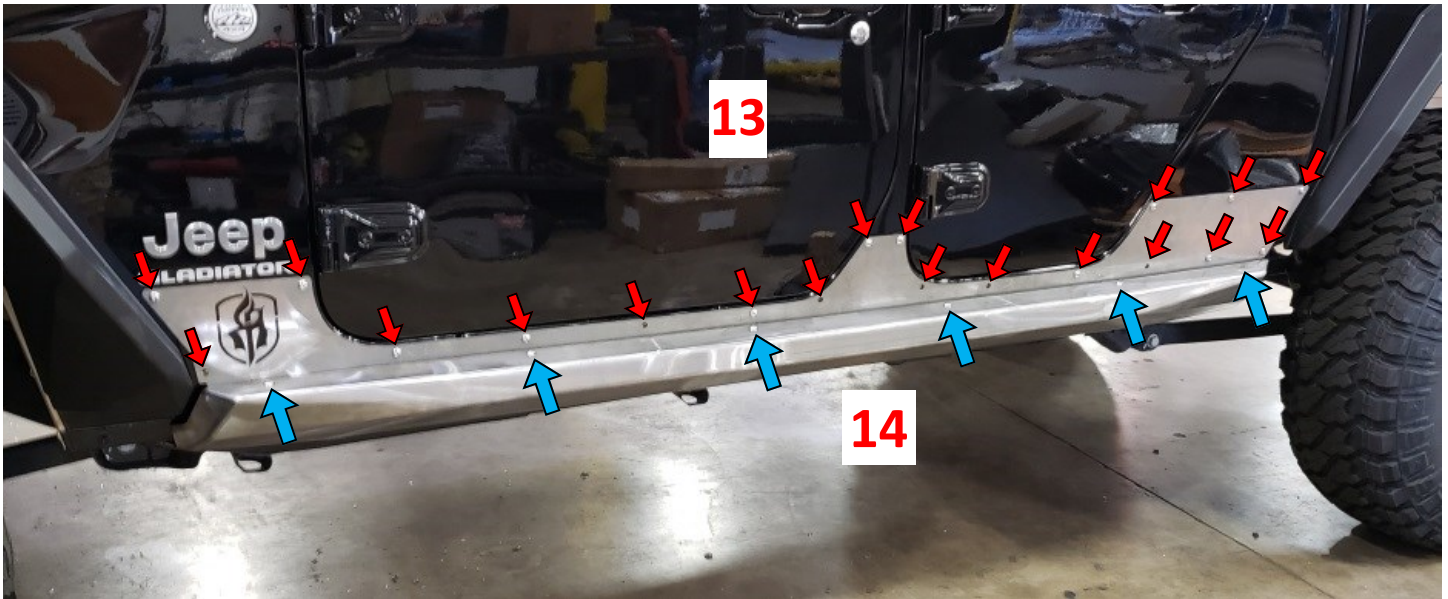


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(RED) Loosely install rocker armor panel using 5/16 x 1" button-head bolts.

14

(BLUE) Loosely install rocker guard onto rocker armor tabs using 5/16 x 1-1/4" button-head bolts.



15

(GREEN) Loosely install 5/16 x 1-1/4" hex-head hardware along lower pinch seam; use wood block & floor jack under center of rocker guard to support rocker guard while aligning seam holes.

16

(PURPLE) Loosely install M8 x 30mm hex-head bolts & large washers along ea. lower body pad; use wood block & floor jack under center of rocker guard to support rocker guard while aligning holes.

17

(ORANGE) Loosely Install rocker guard with OEM 12mm front (A-Pillar) & center (B-Pillar) body mounting bolts, continue using wood block & floor jack to support rocker until all hardware's in.

18

Once all 5/16" hardware and Rocker Guard has been aligned and installed, tighten all hardware.

