

# **INSTALL INSTRUCTIONS**

**Rear Spartan Bumper**

**Jeep Wrangler JL Rear Bumper**

**Product : 5183XR0B, 5183XR1B (With TC-Hole)**

**Application : 2018-2019 Jeep Wrangler JL**

## 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.

## ⓘ 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

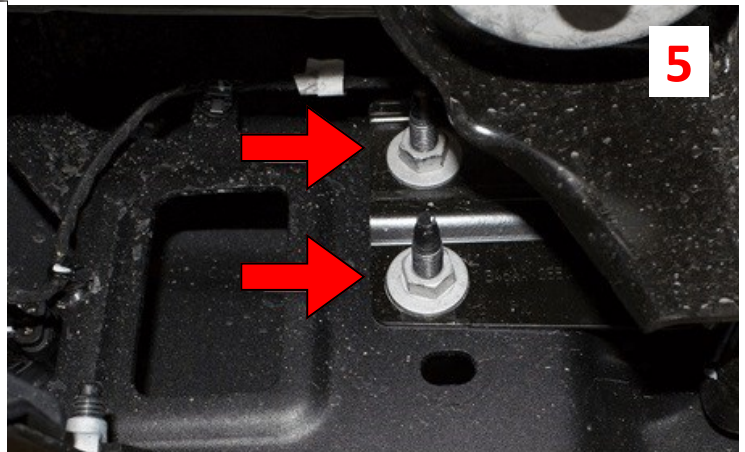
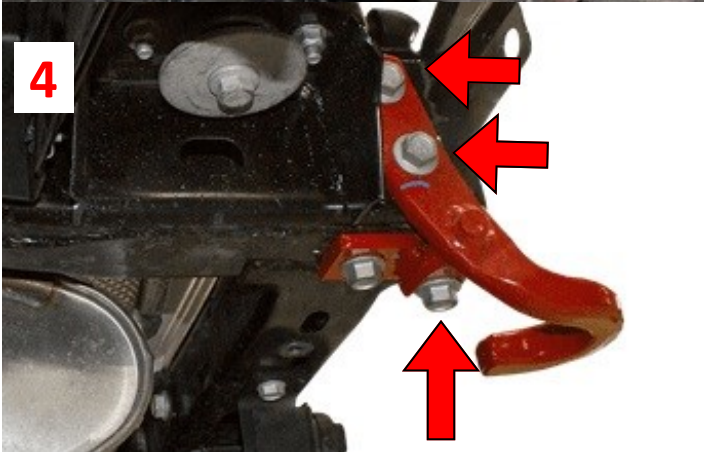
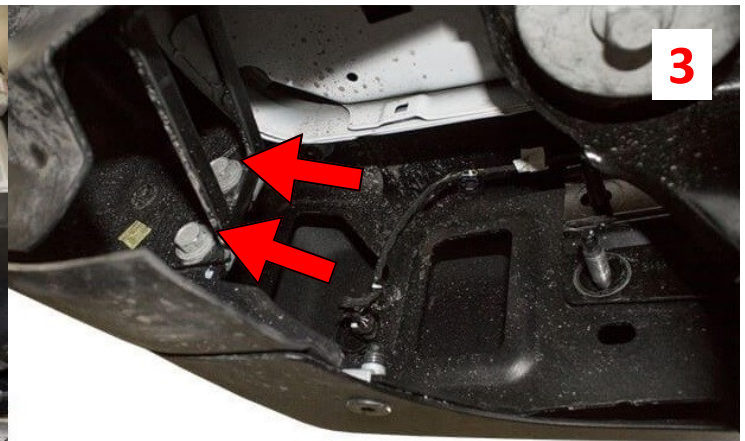
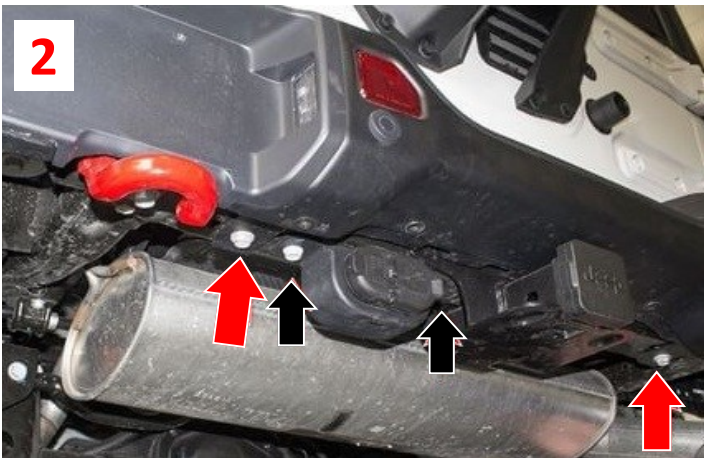
Metric and SAE Socket Sets and Wrenches

Screw Driver

## INCLUDED HARDWARE

- 5 1.5" Bolt Tab
- 5 1/2" Flat Washer
- 5 1/2" Split Lock Washer
- 5 1/2"-13 Grade 8 Hex Nut
- 8 1/4"-20 X 3/4" Stainless Button Head Bolt
- 8 1/4"-20 K-Lock Nut
- 4 1 1/16 Dome Plug
- 4 1/2" Push Nut Retainer
- 2 1/4"-20 X3/4" Hex Bolt
- 2 1/4" Flat Washer
- 2 1/4" Split Lock Washer
- 2 1/4"-20 Hex Nut

- 1 Disconnect the rear bumper harness, release the clips holding the bumper end of the harness to the Jeep. Connector is located under the driver side of the Jeep
- 2 Using a 16mm socket, remove the two bolts securing the inner mounting brackets to the rear cross member.
- 3 Now remove the 2 bolts securing the rear bumper outer mounting brackets from each side of frame
- 4 Remove Dvr & Psg factory recovery hook using 21mm socket. One bolt on the bottom and two through the side frame. Leave the back bottom bolt attached as this will hold the recovery hook in place during installation.
- 5 Remove both bumper bracket using 17mm socket two bolts through the frame for two nuts on bumper.
- 6 Remove both lower inner fender liner pieces from Jeep and remove stock bumper.



- 8 If equipped, disassemble rear bumper, carefully remove all sensors and harnesses. **\*\*Note sensor location\*\***

**\*\*DISASSEMBLY COMPLETE\*\***

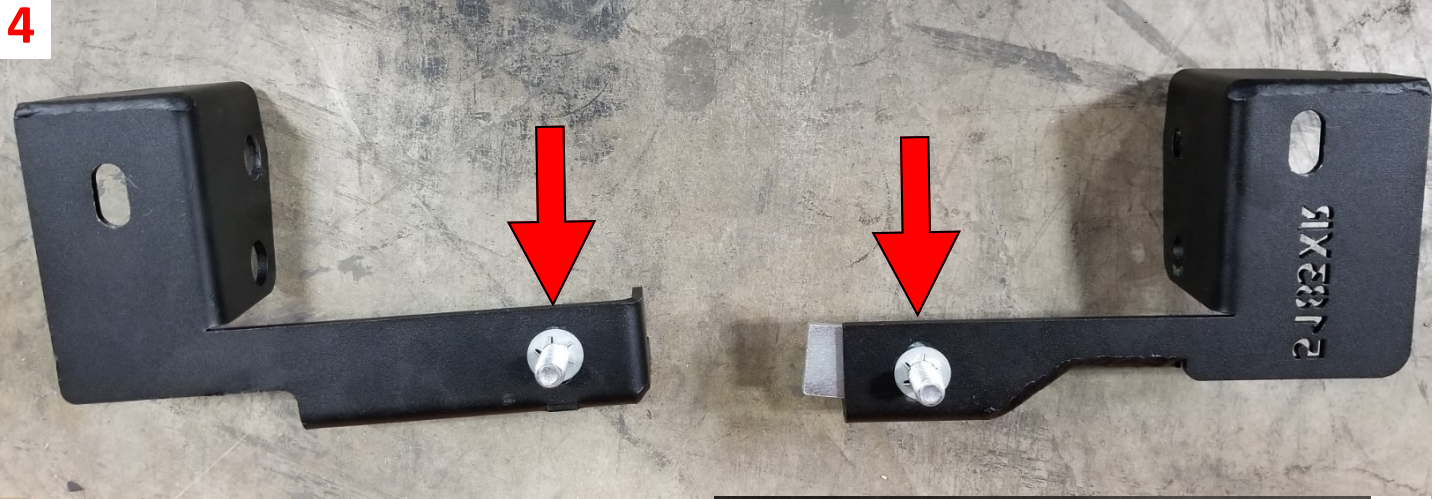


**IF YOU HAVE A TIRE CARRIER - PROCEED WITH 518RTC INSTRUCTIONS AT THIS TIME**



- 1 Install new Road Armor license plate relocation with kit 1/4" hardware provided followed by plate. (NOTE: Provisions will
- 2 Install aftermarket lighting, as this is easier now than after Road Armor bumper has been installed.

- 3** If equipped: Install all sensors and harness. **\*\*Original sensor location\*\***
- 4** Install the Bolt Tabs through the bolt on bracket that will be pointing towards the flat side of the brackets. Secure in place with the push nut retainers.  
**Note: If installing tire carrier(518RTC) the passenger side bracket will not be used.**
- 5** Install bolt tabs into bumper at the upper/outer slot. Secure using the push nut retainers.  
**Red arrow is for only regular bumper. Yellow and red arrows are for the Tire Carrier option.**



- 6** Mount the frame brackets to the Jeep.
  - The driver's side bracket will mount over the recovery hook using factory hardware.
  - The passenger side bracket will use the factory hardware for the side bolts and a 1/2" bolt tab for the bottom bolt.
  - Fully tighten bolts.



**Note: For the passenger side install the factory side bolt first then install the bolt tab from the bottom pointed up. This will prevent the bolt from catching on any obstacles.**

- 7** Place bumper onto the Jeep and using the 1/2" hardware tighten just a little over finger tight.
- 8** Adjust the bumper up/down and left/right then fully tighten the 1/2" hardware holding the bumper to the Road Armor Brackets.
- 9** Re-attach the wiring harness and zip tie any loose wires.

# Finished

