



**ROCK HARD 4X4 JEEP GLADIATOR JT
2020-CURRENT STEEL REAR BUMPER NON TIRE CARRIER
PART #: RH-80302
Installation Manual**



PACKING LIST:

- 2 - BED SIDE PLATE MOUNTING BRACKETS
- 4 - PLASTIC PLUGS (IF SENSORS NOT INSTALLED)
- 1 - PACK SENSOR CLIPS
- 4 - ½" X 2-1/2" BUTTON HEAD BOLTS
- 8 - ½" SAE WASHERS
- 4 - 1" LONG ROUND SPACERS
- 4 - ½" NYLOCK NUTS
- 4- 10 X 1.5 X 30MM BOLTS
- 4 - 3/8" WASHERS
- 6 - 7/16" X 1 " FLANGE BOLTS
- 1 - 4 PIN LIGHT COVER
- 1 - DELETE COVER FOR 4 PIN
- 4 - 10 X 24 X 3/4" WHIZ BOLT
- 4 - 10 X 24 KEPS NUT

IF FACTORY HITCH NOT INSTALLED

- 4 - ½" GRADE 8 STD WASHER
- 2 - 7/16" GRADE 8 NUTS
- 2 - 7/16" 3-3/4 GRADE 8 BOLTS
- 4 - 7/16" LOCK WASHERS

Thank you for your purchase! Whether you bought this Rock Hard 4x4 product from one of our fantastic dealers or our factory direct team, we thank you for your business.

Rock Hard 4x4 is a family owned and operated business. We are headquartered in Saint Paul, Nebraska where we design, fabricate, and produce every single one of our products. Every single part we manufacture is 100% Made in the USA and exclusively in house by the Rock Hard 4x4 team.

We outsource zero processes.

To you, that means the product you are installing is the highest quality and longest lasting component on the market.

To us, that means you've selected a part we've spent years developing. Each Rock Hard 4x4 part has gone through more research and development and evolution than most people realize. While our parts may have the same striking look year after year, subtle revisions and refinements we implement maintain their status as the most durable and easy to install on the market.

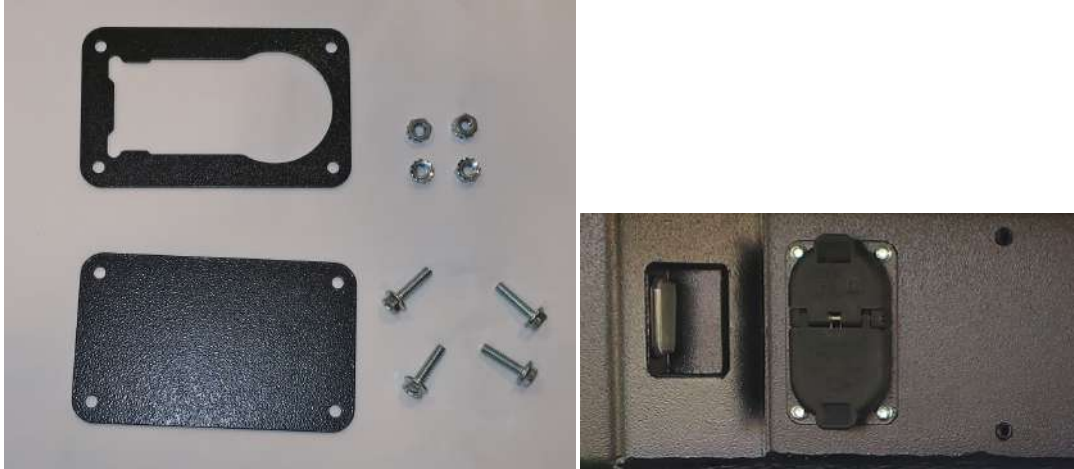
We invite you to send us your feedback! Please email, call, write, or catch us on an off road trail near you to share your tales, share comments, and ask questions.

REMOVING FACTORY REAR BUMPER

1. Disconnect all electronic connects from rear bumper. Do not remove your backup sensors till next step. Remove towing electrical port at this time (if equipped). Remove license plate lamps.
2. SENSORS: Remember which sensor was driver/passenger inside/outside and what orientation/rotation. Must be installed same orientation/location from driver to passenger. Remove backup sensors (if equipped) by prying connect, then press clip towards wiring and remove sensor plug. Once connectors are disconnected pop plastic fasteners out of bumper using flat blade screwdriver. You'll retain entire harness. Remove sensors from factory bumper.
3. Remove 2 nuts on each side of frame with 16MM wrench.
4. Remove 2 bolts on bottom of bumper with 15MM wrench.
5. Remove 2 bolts behind license plate with 15MM wrench.
6. If equipped with factory rear corner guards remove 5 bolts with 15MM wrench (2 at bumper, 3 at frame bracket). This will vary with different bumper models.
7. Do not remove factory rear bumper tow hooks, if you only have one contact Jeep dealer for second if desired.

INSTALL ROCK HARD 4X4 REAR BUMPER

1. Install factory towing electrical plug (if equipped) into Rock Hard 4x4 rear bumper or install block off plate (included with hardware kit) using 4x #10 x 24 x 3/4" flange bolts and 4x #10 x 24 locking nuts using 3/8" and 5/16" wrenches.



2. Install sensor holders and clips into bumper and sensors with wiring (if equipped). Sensor plugs must point to center of bumper. If no sensors, install supplied plastic plugs into bumper. Install factory license plate light with factory nuts. Some JL sensors may require a simple splice/extension, there are 2 sensor harnesses part numbers, each vary in length slightly. Install factory license plate lights with factory nuts.



3. Install Rock Hard 4x4 supplied corner guard brackets to frame using (leave loose):
 - 3x 10 x 1.5 x 30 bolts per side (frame side)
 - 3x 3/8" washers per side (frame side)

4. Grab an assistant, this part is heavy - slide bumper on to frame rails. Install bumper using:
 - 4x 1/2 x 2-1/2" button head bolts
 - 4x 1/2" SAE washers
 - 4x 1" long round spacers (between bumper and frame to space bumper away from vehicle)
 - 4x 1/2" nylock nutsUse a 3/4" wrench and 5/16" allen. DO NOT FULLY TIGHTEN.

5. Install Rock Hard 4x4 supplied corner guard brackets to bumper using 3x 7/16" x 1" flange bolts per side.

6. Tighten all hardware.

7. Make all electrical connections.

Check out the collection of off-road bumpers we offer.