



**ROCK HARD 4X4 JEEP WRANGLER JL 2/4-DOOR
2018-CURRENT BODY MOUNT TIRE CARRIER
PART #: RH-90350
Installation Manual**



Customer Service / Tech Support: sales@rockhard4x4.com
Thank you for your purchase! Please read all instructions carefully prior to
beginning installation of your Rock Hard 4x4 product.

PACKING LIST:

- 1 - TAILGATE MOUNTING PLATE**
- 1 - TIRE MOUNTING PLATE**
- 2 - RUBBER ISLATOR MOUNTS**
- 18 - 5/16" x 1" HEX BOLTS**
- 18 - 5/16 FLANGE NUTS**

BRACES HARDWARE

- 4- 10mm x 1.5 x 50**

HI LIFT JACK MOUNT

- 4- 3/8 "x 1" Hex Bolt**
- 4- 3/8" Lock Washer**
- 4- 3/8" Flat Washer**
- 2- 1/2" Collars**
- 2- 1/2" x 2-1/2" Bolt**
- 2- 1/2" Wingnut**
- 2- 1/2" STD Nut**
- 2- 1/2" SAE Washers**
- 2- Brackets**

REQUIRED TOOLS:

- 1/2" WRENCH/SOCKET**
- T40 TORX**
- 13MM SOCKET**
- T55 TORX**
- 3/4" SOCKET**
- 9/16" SOCKET**

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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.

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PO BOX 186

Saint Paul, NE 68873

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TECH TIP: CLEAN TAILGATE ONCE FACTORY TIRE CARRIER REMOVED.

FACTORY SPARE CARRIER REMOVAL:

1. Remove factory camera cover (if equipped) with T40.
2. Remove spare tire with $\frac{3}{4}$ " socket wrench.
3. Remove factory tire carrier using 13MM socket on 8 bolts.
4. Loosen plastic plug with wires near tailgate handle to pull wire for slack. Remove 2x rubber tire isolators from tailgate.



TECH TIP: CLEAN TAILGATE ONCE FACTORY TIRE CARRIER AND HINGES ARE REMOVED.

FACTORY SPARE CARRIER REMOVAL:

3. Remove factory camera cover (if equipped) with T40.
4. Remove spare tire with $\frac{3}{4}$ " socket wrench.
3. Remove factory tire carrier using 13MM socket on 8 bolts.

HINGE BRACE INSTALL:

4. *DO NOT OPEN TAILGATE DOOR.* Remove upper 2x tailgate hinge bolts with T55 Torx. DO NOT remove all 4 hinge bolts at same time. We are installing upper first.
5. Remove factory rubber isolators.

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6. Set upper Rock Hard 4x4 hinge brace into place (cutout on bottom around tailgate vents). Install supplied 10mm bolts. Tighten.
7. Set lower Rock Hard 4x4 hinge brace into place. Install supplied 10mm bolts. Tighten.

TIRE CARRIER INSTALL:

5. Install Rock hard 4x4 mounting plate to tailgate reusing factory 8 bolts.
6. Install factory spare tire mount to Rock Hard 4x4 carrier mounting plate using 8x 5/16" bolts and nuts.
7. Use a tape measure to determine which holes to use for height adjustment. May require a few attempts.
8. Install factory tire mount and Rock Hard 4x4 carrier to tailgate mounting plate with 3 bolts per side spaced as evenly as possible, reserving 2 lowest holes for rubber isolator mounts. Tighten all hardware.
9. Install rubber isolators into mounts and tire rack.
10. Reinstall spare tire and camera cover.

HI-LIFT JACK MOUNT INSTALL:

11. Insert supplied 2x ½" x 2-1/2" bolt through 2x supplied black brackets with bolt threads sticking out through bracket. Tighten into brace threaded holes using 3/8" bolts, lock washer, and flat washer. Make sure you insert long bolt into bracket first as you won't be able to do it once black Hi-Lift mounts are installed on braces.

Install ½" washer over threads up against black jack mounting bracket, tighten with ½" nuts. Install supplied collar over threads to space Jack rail away from body, tighten set screws, install Jack, and thread on wing nuts over threads to hold assembly in place.



Rock Hard 4x4 Exclusive Limited Lifetime Warranty

Your Rock Hard 4x4® branded accessories are covered by the following Limited Warranty provided exclusively by Rock Hard 4x4, 1005 Twin Forks Lane, St. Paul, NE 68873.

This Limited Warranty is the only warranty made in connection with your purchase. Rock Hard 4x4 neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

What is Covered: Subject to the terms, exclusions and limitations herein and with respect only to Rock Hard 4x4 branded accessories first sold in the United States, Rock Hard 4x4 warrants to the initial retail purchaser only that your Rock Hard 4x4 accessory shall be free of defects in material and workmanship for the lifetime of this product.

Rock Hard 4x4 reserves the rights to: (a.) require invoice or other proof your accessory is within the terms of this Limited Warranty as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.

What is Not Covered: *Your Rock Hard 4x4 Limited Warranty does not cover products or parts Rock Hard 4x4 determines to have been damaged by or subjected to:*

(a.) Installation damage, alteration, modification, combination with other parts, failure to maintain or improper repair or service, (b.) normal wear & tear, cosmetic damage or damage from moisture or water immersion, (c.) Acts of God, accidents, misuse, negligence, inadequate mounting or impact with vehicle(s), obstacles or other aspects of the environment, (d.) theft, vandalism or other intentional damage. (e.) powder coat, anodizing, or paint finish.

Remedy Limited to Repair/Replacement: *The exclusive remedy provided hereunder shall, upon Rock Hard 4x4 inspection and at Rock Hard 4x4's option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration should first contact Rock Hard 4x4 to obtain a RGA number (308-750-4690). All labor, removal, shipping and installation costs are customer's responsibility.*

Your Rights Under State Law: *In consideration of the purchase price paid, neither Rock Hard 4x4 nor any independent Rock Hard 4x4 distributor/licensee are responsible for any time loss, rental costs, or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased.*

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