



**ROCK HARD 4X4 JEEP GRAND CHEROKEE  
1998-2004 REAR BUMPER WITH TIRE  
CARRIER PART #: RH-7050  
Installation Manual**



(SPARE TIRE AND RECOVERY SHACKLES NOT INCLUDED)

**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.

1. Remove plastic bumper and foam. Remove trailer hitch if equipped.
2. Install latch striker in the slot with the 7/16" welded nut tab. ONLY SNUG AT THIS TIME.
3. Use factory bolts to install bumper.
4. Install 2 of the 1 1/4" x .060 shims onto tire carrier shaft, then install a thick spacer. Place the swing arm with the bearings on the shaft. Install remaining thick spacer on top of bearing inside the seal. Install large aluminum nut. Tighten until no up or down movement is felt in the swing arm.
5. Swing the arm to plastic slide. It should just touch slide. This is the height adjustment phase. You can add or remove shims as necessary. You may need to repeat this step once you add spare tire or accessories.
6. Reopen tire carrier.
7. Install black release handle onto latch with 2x 1/4" x 5/8" button head bolts and nylock nuts.
8. Install latch in the swing arm with release handle in slot. Use 3x 5/16" x 1 1/4" bolts and tapped plate for nut. Install plate inside swing arm tube. Tighten bolts.
9. Lift the latch handle and bring the swing arm to striker. Close carefully. This will center the striker in the latch. This is why striker must not be overly tight. Carefully open latch if it closed and swing tire carrier open. Tighten striker nut at this time. Recheck latch and striker for binding. Make sure latch goes to second stage, just like a car door.
10. Install grease fitting into tire carrier hub.
11. Install round rubber bumper onto the tab at bottom of swing arm using 5/16" x 1 1/2" hex head bolt and 5/16" nylock nut. Close tire carrier swing arm, checking for binding and ensuring the latch goes to second stage. Use

- 3/8" washer to space rubber bumper as needed to remove rattles.
12. Install wheel stud in single hole at the bottom of tire mount. Start stud with hammer and drive in with long punch. Install tire and wheel nut. Pull stud into tire mount to seat the stud by tightening wheel nut. Put other two bolts in with punch and seat with wheel nuts. (Lug nuts not furnished)
  13. With tire carrier installed check where swing arm meets plastic slide. It should be about 1/16" below top of plastic slide. When closed, you want the tire carrier to rest on the plastic slide, not bearings. Adjust shims as necessary.
  14. Fill hub completely with grease. Fill until the grease starts pushing seals out. Remove zerk/grease fitting and let pressure out. Push seals back in with large screwdriver. Grease your tire carrier swing hub after each rain, vehicle washing, or water crossing.
  15. Install 1/2" collars on high lift jack mounts. Install your jack and adjust collars to keep jack away from your powder coating. Install 1/2" washers and wing nut. A few jacks have different hole spacing. Move the 1/2" bolt in slot to match your jacks' hole spacing.

## Limited Lifetime Warranty

*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. 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.*