



**ROCK HARD 4X4 JEEP WRANGLER JK 2/4-DOOR  
2007-2018 TRANSFER CASE SKID PLATE  
PART #: RH-6004/RH-6044/RH-6085  
Installation Manual**



**INSTALLATION VIDEO AVAILABLE**



**PLEASE VISIT [YOUTUBE.COM/C/ROCKHARD4X4](https://www.youtube.com/c/RockHard4x4)**

Customer Service / Tech Support: [sales@rockhard4x4.com](mailto: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 - TRANSFER CASE SKID PLATE
- 1 - 3/16" X 1" X 3 1/2"  
ALIGNMENT PLATE  
(RH-1334)
- 2 - 5/16" X 1" BUTTON HEAD  
BOLTS
- 2 - 5/16" NYLOCK NUTS
- 2 - 5/16" SAE FLAT WASHERS
- 4 - 12MM X 1.5 X 35MM BOLTS
- 1 - 12MM X 1.5 X 90MM BOLT
- 1 - 12MM X 1.5 X 60MM FULL  
THREAD BOLT
- 1 - 12MM X 1.5 NUT
- 1 - 1/2" HARDENED WASHER
- 6 - 1/2" SAE FLAT WASHERS
- 1 - 1/2" LOCK WASHER

## **REQUIRED TOOLS:**

- 18MM SOCKET
- 3/4" SOCKET

**ALIGNMENT PLATE AND BUTTON  
HEAD BOLTS ONLY USED IF ALSO  
INSTALLING FUEL TANK SKID  
PLATE**

- 3/16" ALLEN  
1/2" WRENCH

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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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*TECH TIP: THIS SKID PLATE IS DESIGNED TO WORK WITH THE OEM CROSSMEMBER. WHILE MANY AFTERMARKET CROSS MEMBERS ARE COMPATIBLE, SOME MANUFACTURERS ARE USING DIFFERENT THREAD PITCHES. YOU MAY HAVE TO SOURCE YOUR OWN HARDWARE.*

1. Remove factory transfer case skid plate using 18MM socket.
2. Install Rock Hard 4x4 Transfer Case skid plate rear support bar first, using one 12mm x 35mm bolt and flat washer at fuel tank mount, passenger side, back of the Rock Hard 4x4 Transfer Case Skid Plate. Use ¾" socket.  
*PRO TIP: Use a floor jack, screw jack, or bottle jack to help support this skid plate if doing your installation without assistance.*
3. Install the black, longer, 12mm x 60mm full threaded bolt and washer in driver side pre-threaded hole in frame rail. Leave this bolt loose and leave Rock Hard 4x4 Transfer Case skid plate mounting tube down from frame approximately 1 to 1-½". This allows you to maneuver skid plate into place under transfer case prior to tightening hardware.
4. Install the three 12mm x 35mm bolts with flat washers at threaded holes in vehicle cross member.
5. Install 12mm x 90mm bolt, washer, and nut in passenger side hole at cross member. Nut is used because this is the hole without a factory welded nut inside cross member.
6. Tighten all remaining hardware – leaving frame bolts last. This will pull Rock Hard 4x4 Transfer Case skid plate mounting tube up to frame.

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*If you have a Rock Hard 4x4 Fuel Tank skid plate, place the slotted bar between Fuel Tank skid plate and Transfer Case skid plate.*

*Use two 5/16" x 1" button head bolts, washers, and nylock nuts to hold skids in line with each other.*

CONGRATULATIONS! Now go wheel your rig with a whole new level of confidence and capability.

Please send photos of your install and wheeling adventures to [pics@rockhard4x4.com](mailto:pics@rockhard4x4.com). We love seeing our products on the trail!

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## **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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