



**ROCK HARD 4X4 JEEP WRANGLER JK 2/4-DOOR  
2007-2018 FUEL TANK SKID  
PART #: RH-6001/6002/6041/6042/6081/6082  
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 - FUEL TANK SKID PLATE**
- 3 - 12MM X 1.5 X 35MM BOLTS**
- 2 - 1/2" BIG BLACK TAPERED WASHER**
- 1 - 1/2" SAE FLAT WASHER**
- 3 - 3/8" X 1" STANDARD HEX BOLTS**
- 3 - 3/8" STANDARD FLAT WASHER**
- 3 - 3/8" NYLOCK NUTS**

## **REQUIRED TOOLS:**

- 18MM SOCKET**
- 3/4" SOCKET**
- DRILL**
- 3/16" ALLEN (IF INSTALL TCASE SKD)**
- 1/2" WRENCH (IF INSTALL TCASE SKD)**

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.

**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.

Phone: 844-762-5427

Fax: 308-754-5201

Email: [sales@rockhard4x4.com](mailto:sales@rockhard4x4.com)

Site: [www.rockhard4x4.com](http://www.rockhard4x4.com)

Mail: ROCK HARD 4X4

PO BOX 186

Saint Paul, NE 68873

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.

*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.*

***NOTE: DO NOT remove factory fuel tank skid plate. This will be retained during installation of your Rock Hard 4x4 fuel tank skid plate.***

*NOTE: If running oversized rear differential housing (Currie RockJock D60 etc, Dynatrac, etc) you may contact rear corner of fuel tank skid plate. You can grind this section off as it's not a mounting surface. Check clearance prior to going off road.*

1. Remove the two front bolts on the factory fuel tank hanger at the transmission cross member using 18MM socket.  
*PRO TIP: Use a floor jack, screw jack, or bottle jack to help support this skid plate if doing your installation without assistance.*
2. Remove left side bolt at factory transfer case shield. This will be reused. (3/4" socket if using Rock Hard 4x4 Transfer Case Skid Plate (sold separately).
3. Remove OEM bolts in passenger side frame rail that hold fuel tank hanger in place (18MM socket). 2 for 4DR, 1 for 2DR.
4. Place Rock Hard 4x4 skid plate into position underneath vehicle.
5. Install shared transfer case, fuel tank bolt.

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.

6. Install 2 bolts into cross member using included rock dome bolt head protectors.
7. Install passenger side frame rail bolts.
8. If installing fuel tank skid plate along with Rock Hard 4x4 Transfer Case skid plate, install alignment plate at this time. Plate goes on top of skid plates with button head bolts going through skid plates from bottom up.  
*PRO TIP: If plate does not line up easily or bolt seems to be hitting fuel tank, you can elongate hole or drill a new hole in skid plate to give you more clearance.*
9. Tighten all bolts at this time.

#### REAR HOLE DRILLING

10. LOCATION: Passenger side of rear fuel tank hanger. Drill one 3/8" hole at passenger side for a bolt at rear lip on side of OEM fuel tank hanger. Take care to not drill into fuel tank.  
*PRO TIP: Remove passenger rear tire to drill this hole.*
11. LOCATION: Rear drive shaft side of OEM fuel tank hanger. Drill 2 3/8" holes at left side lip of fuel tank hanger (one for 2-door, two for 4-door.) Install 3/8" bolt, washer, and nut in all holes. Tighten all bolts. Take care to not drill into fuel tank. You can use a piece of tape to hold nut inside end wrench if it's too tight a work area.

## **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.*

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.