



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



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

**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.

*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.

*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.

Learn more about suspension parts on our website.