



**ROCK HARD 4X4 JEEP WRANGLER JK 2/4-DOOR  
2007-2018 FUEL TANK SKID  
PART #: RH-6001/6002/6041/6042/6081/6082  
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 - 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)**

**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.*

***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.

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.