



**ROCK HARD 4X4 FRONT / REAR LOWER CONTROL ARM
SKIDS FOR JEEP JL 2/4 DR 2018 – CURRENT
GLADIATOR 2020 - CURRENT
PART #: RH-90513-90514-90515
RH-80514-80515
(SETS SOLD SEPARATELY)
Installation Manual**



Customer Service / Tech Support: 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:

RH-90513 FRONT

(IF APPLICABLE)

- 2 - CONTROL ARM SKIDS
(SHOULD BE MIRROR
IMAGES)**
- 2 - M16-2.0 X 150MM BOLTS**
- 4 - 1/2" THICK TABBED SHIMS**
- 4 - M16 WASHERS**
- 2 - M16 NYLOCK NUTS**

JL RH-90514 REAR

(IF APPLICABLE)

- 2 - CONTROL ARM SKIDS**
- 2 - M14-2.0 X130MM BOLTS**
- 2 - M14 NYLOCK NUTS**
- 2 - 3/8" THIN TABBED SHIMS**
- 4 - M14 WASHERS**

JT RH-80514 REAR

(IF APPLICABLE)

- 2 - CONTROL ARM SKIDS**
- 2 - SHOCK SKIDS**
- 2 - M16-2.0 X 120MM BOLTS**
- 2 - M16 NYLOCK NUTS**
- 4 - M16 WASHERS**

REQUIRED TOOLS:

TORQUE WRENCH

15/16" WRENCH

7/8" 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.

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

Site: www.rockhard4x4.com

Mail: ROCK HARD 4X4

PO BOX 186

Saint Paul, NE 68873

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FITMENT: Not compatible with alignment cam or cam bolts.
Not compatible with aftermarket vehicle axle housings.

FRONT AND REAR:

1. Ensure vehicle is in park with parking break set, on level ground, tires blocked.
2. Remove lower (housing side) control arm bolts/nuts – do one control arm at a time to prevent axle housing from rotating. Hold control arm and joint in place in factory control arm mount. If it does shift, use a ratchet strap to pull back into position.

FRONT – SIDE SPECIFIC: HOOK TAB TOWARDS TIRE

REAR – SIDE SPECIFIC: TALLER SIDE TO DIFFERENTIAL

3. Install skid plate over control arm mount and align holes. If necessary, use pliers to hold thick tabbed shims in place to help with alignment. **FINAL POSITION OF TABS DOES NOT MATTER. TAB IS THERE TO HELP HOLD THE SHIM IN PLACE.**

FRONT SKID NOTE: Ensure bent tab fits over lip of factory control arm mount. **PRO TIP:** to help fit control arm skid, slide it in place from front to back. This will help seat front bent lip over factory control arm mount and align hole at same time. Insert tabbed shims washers **INSIDE** new control arm skid to fill in gap on both sides, between skid plate and factory mount.

JL REAR SKID NOTE: Place 1x thin tabbed shim in place on **DIFFERENTIAL** side of skid plate, not tire side. **JT - No shims.**

4. Tighten nut and bolt, torque to 190 ft. lbs.

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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.*

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