

TIME FOR INSTALLATION

30 MINS. - 1 HOUR

RCI OFFROAD

EASY



BASIC SKILLS
REQUIRED

18+ Jeep Wrangler JL/JLU Rear Link/Shock Skid Plate Installation Guide

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(970) 797-3089

Part Number	Description	Qty.
SM-01289	JLU Shock-Link Skid Passenger	1
SM-01290	JLU Shock-Link Skid Driver	1
HK-00185	JLU Lower Link Skid Kit:	1
HW-00224	9/16-18 Nylon Lock Nut GR-8	2
HW-00222	9/16-18 x 4.5 Hex Bolt GR-8	2
HW-00223	9/16 USS Flat Washer Zinc	4



Caution: Use hand tools, impact wrenches may cause damage if over torqued.

Read the entire notes and instructions before installation.

Installation Notes

Installation Notes:

RH (RCI Logo) refers to the passenger side of the vehicle.

LH (Mountains Logo) refers to the driver side of the vehicle.

Always use the proper torque specifications.

If applicable to this installation, torque specifications will be listed throughout the document.

Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

General Safety:

Park your car in a safe, well lit, level area.

Shut the engine off and remove the key from the ignition switch.

Make sure any remote start devices are properly disabled.

ALWAYS wear safety glasses.

Make sure the parking brake is applied until the vehicle is safely lifted and supported.

Whether lifting a vehicle using an automotive lift or a hydraulic jack, utilize the factory specified lift points.

Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.

ALWAYS support the vehicle with properly rated jack stands.

ALWAYS read and follow all safety information and warnings for the equipment you are using.

Required Tools:

1/4", 3/8" & 1/2" Socket Sets & Ratchets

Floor Jack

Jack Stands

Combination Wrench Set

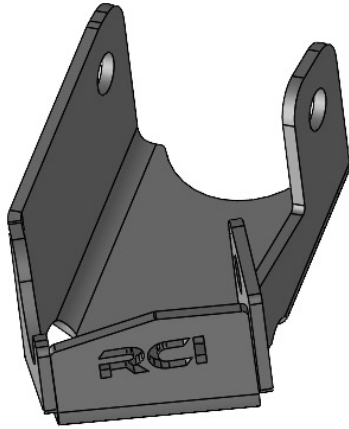
Plier Set

Torque Wrenches

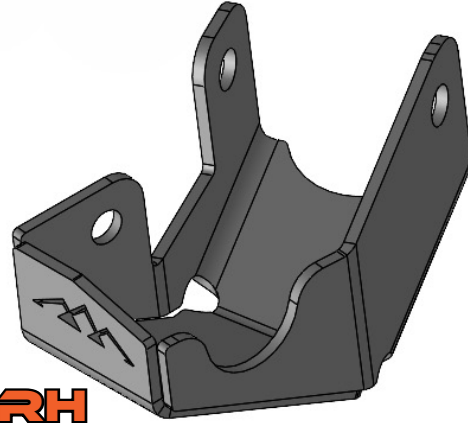
Installation Overview:

Before installation, remove all components and hardware from their packaging and verify that all the components are present.

New Rear Link/Shock Skid Plate Orientation:



LH



RH

Section 1: Removing the Stock Components

Step #1

Remove all components and hardware from their packaging and verify that all the components are present.



Step #2 21mm Wrench, 21mm Socket & Ratchet

Remove the OEM M14 hardware (arrow) that secures the rear control arm link to the rearmost mount.

Tech tip: Having the vehicle at ride height will make bolt removal/installation easier.

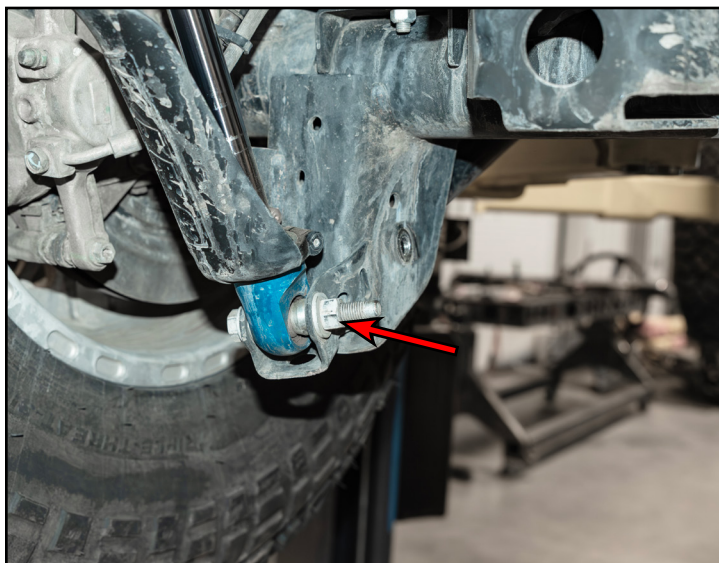
CAUTION: If the vehicle is lifted off of the ground support the vehicle frame and rear axle assembly properly.



Section 1: Removing the Stock Components

Step #3 18mm Wrench, 18mm Socket & Ratchet

Remove the nut (arrow) that secures the lower shock mount bolt and set it aside.



Step #4 18mm Socket & Ratchet

Pull the bolt (arrow) out until it is flush with the lower shock mount as shown. Do not fully remove the lower shock bolt.



Tech tip: Complete the installation of one skid plate before starting on the opposite side.

Section 2: Installing the New Skid Plate

Step #1	13/16" Wrench, 13/16" Socket & Ratchet
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Slide the new skid plate over the rear link and shock mount from underneath, then align the mounting location for the lower link. Install the provided 9/16" hardware (arrow) through the skid plate, mount and lower control arm link to secure it in place.



LH link & shock skid plate as shown:

Step #2	
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Pivot the skid over the lower shock mount, then push the lower shock bolt (arrow) through the opposite side of the skid plate, and reinstall the nut previously removed.



LH link & shock skid plate as shown:

Section 2: Installing the New Skid Plate

Step #3 13/16" Wrench, 13/16" Socket & Torque Wrench

Ensure that the vehicle is at ride height, then fully torque the lower link bolt (arrow) to 111 Ft-lbs. (150 Nm) + 60°.



LH link & shock skid plate as shown:

Step #4 18mm Wrench, 18mm Socket & Torque Wrench

Ensure that the vehicle is at ride height, then fully torque the lower shock bolt nut (arrow) to 52 Ft-lbs (70 Nm) + 55°.



LH link & shock skid plate as shown:

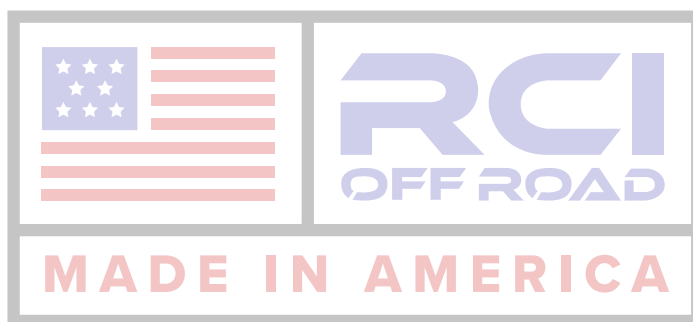
NOTE: Repeat removal *steps 2-4*, and installation *steps 1-4* for the opposite side.

CONGRATULATIONS, YOUR INSTALLATION IS COMPLETE!

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