



Installation Instructions



PRODUCT: JK Rear RockSport LT Shock Kit

REV: A | 08-30-2017 | II-1019

**READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.
QUESTIONS? CALL 916-631-8071 M-F 7:00 AM – 5:00 PM PST**

The MetalCloak experience includes the ease of installation of our products. We design for most contingencies, but installation may be different based on different Jeep condition, configuration and/or year.

We are continually trying to improve our products and instructions – please help us by providing feedback and pictures if you find any part of the instructions that do not match your particular Jeep or are not easily understandable.

If you have any difficulties at all, please give us a call. Thank you and enjoy your MetalCloak Products!

IMPORTANT NOTE: We use Stainless Steel Hardware where possible. Therefore, a tube of Silver Anti-seize is provided and should be used on all bolts—only a small amount is needed.

WARRANTY INFORMATION: This article is sold without warranty expressed or implied. No warranty or representation is made as to this products ability to protect the user from injury or death. The user assumes that risk. The effectiveness, warranty and longevity of this equipment are directly related to the manner in which it is INSTALLED, USED and/or MAINTAINED. THE USER ASSUMES ALL RISK. By purchasing this product and opening the packaging, purchasers expressly acknowledge, understand and agree that they take, select and purchase these MetalCloak products from Armored Works, LLC, its affiliates and distributors and agents as is and with all faults. The entire risk as to the quality and performance of these MetalCloak products is with the purchaser. Working on your vehicle can be a dangerous activity. If you are unsure of what you are doing, please leave mechanical or safety critical work to a skilled mechanic. We take no responsibility for the incorrect use and/or installation of MetalCloak products.

Section 1: Tools & Notes on Installation



Tools Required: This list is the recommended tools for ease of installation. Other versions of the same tool can be used. For example, Allen Wrenches instead of Allen Drive Sockets. Be sure to use metric on metric and SAE on SAE.



Socket & Ratchet Wrench

16mm Socket
18mm Socket



16mm Wrench
18mm Wrench

HOW TO USE THIS GUIDE: The installation guide contains ALL steps for installation. Please read and follow the instructions in order of each page top to bottom, and left to right.

Jeep Model: Instructions may apply to multiple Jeep models, but are labeled separately where appropriate (i.e. TJ vs. LJ).

Options: Because of the number of component options we offer, these instructions may contain steps that will not match your particular configuration. You can skip these steps.

Images: Pictures are provided and parts are labeled throughout the instructions. Each text box contains guidance based on the pictures next to it. The text will refer to alphabetical labels (A, B, etc.) found in the images.

Installation Notes: Terms may be used in the body of the instructions that you may not be familiar with, if you have any questions feel free to contact us at the number below, or email techhelp@metalcloak.com

QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components

DC-0001 REV A

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY
1	7025 STOCK SHOCK MOUNT KIT, JK LOWER REAR	1
2	SS-1222 ROCKSPORT SHOCK, REAR JK	2

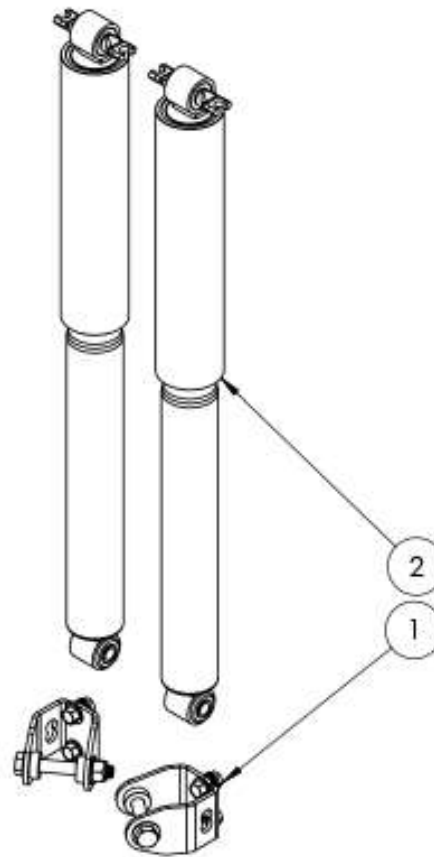
E

D

C

B

A



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DO NOT SCALE DRAWING

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PART NUMBER/DESCRIPTION

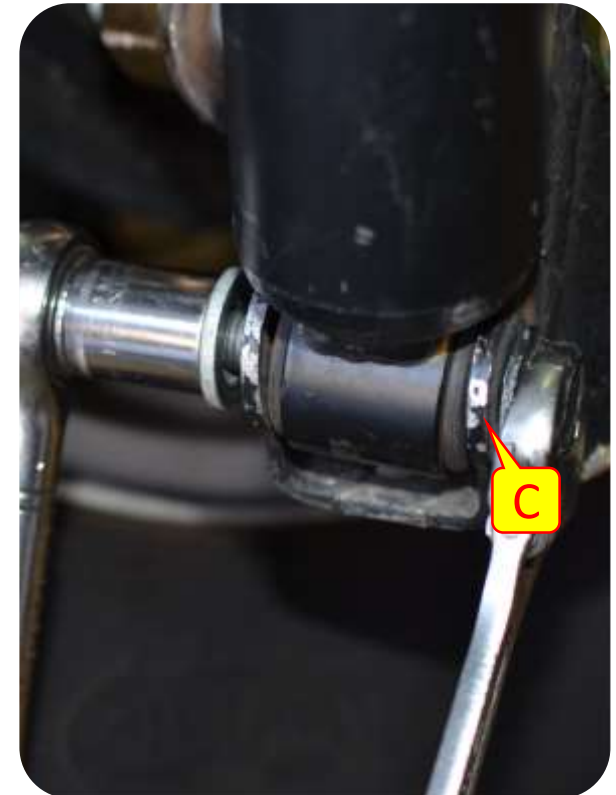
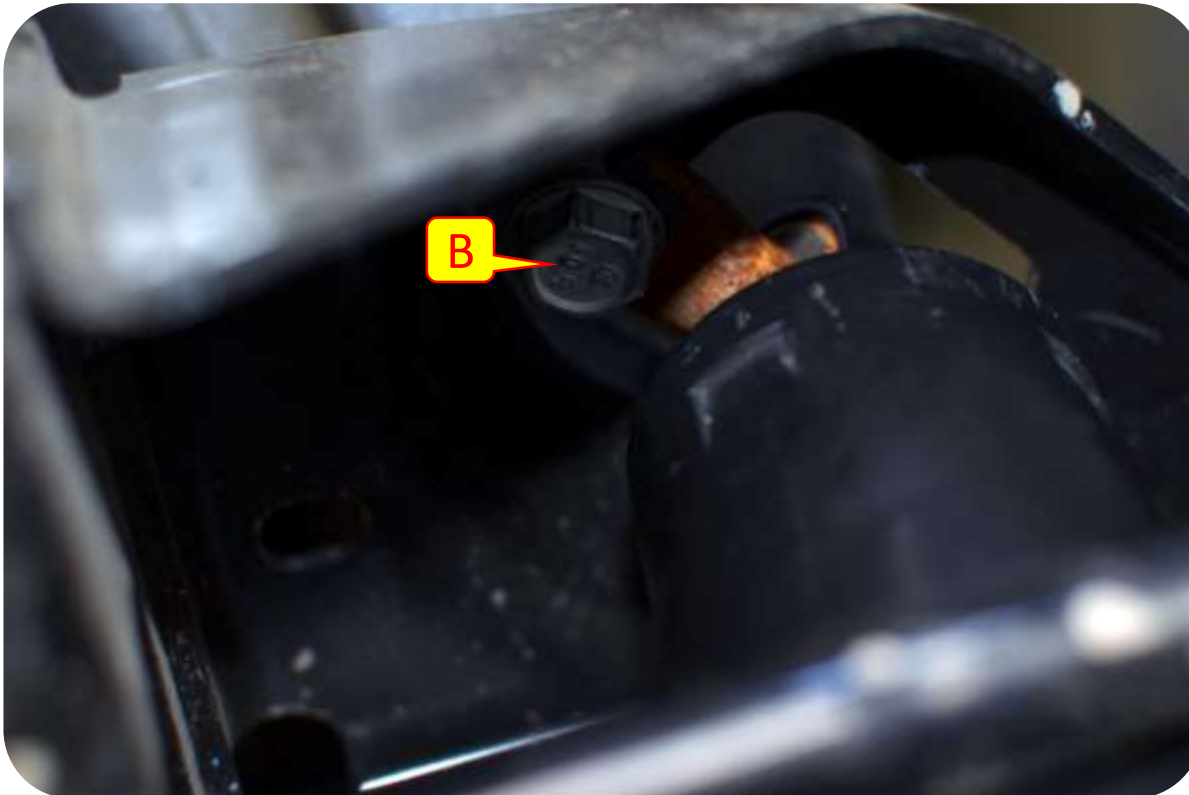
1019 LONG ROCKSPORT SHOCK, REAR JK, PAIR

Section 3: Installation Instructions



Step 1: Remove Stock Components

- A. For ease of install raise the rear of the vehicle and support with stands.
- B. Use a 16MM Socket and Wrench to remove the stock nuts on the upper part of the rear shock. Keep stock hardware.
- C. Use a 18MM Socket and Wrench to remove the stock nut and bolt from the lower shock mount bracket located on the axle allowing the axle to droop enough to install the RockSport Shocks. Keep the stock hardware.

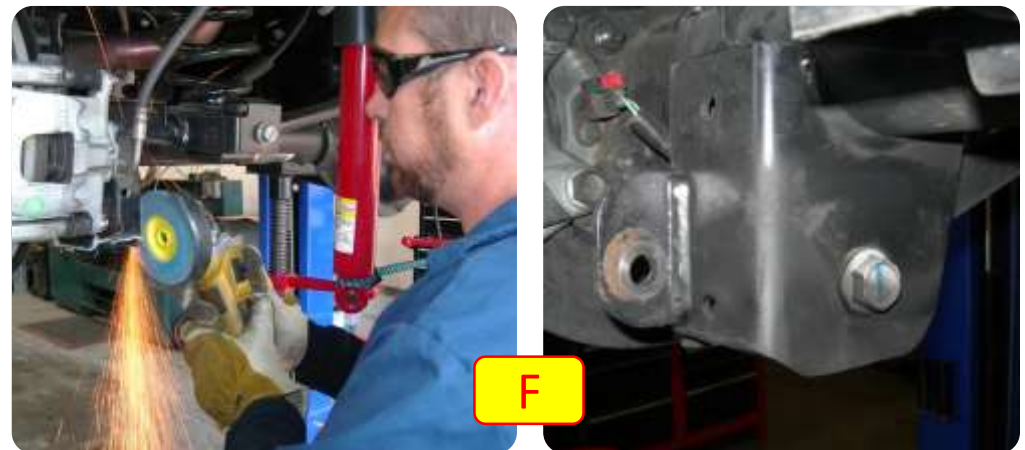
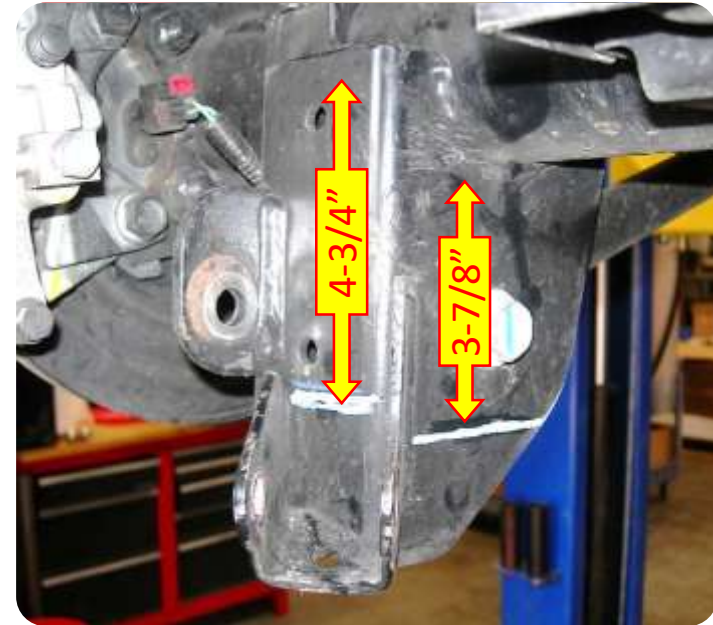


Section 3: Installation Instructions

Step 2: Install Rear Shock Mounts

Note: The following steps are optional; if you do not intend to trim the Lower Stock Shock Mount Bracket skip to next page.

- D. Mark the side of the Lower Stock Shock Mount Bracket **3-7/8"** from the bottom of the axle.
- E. Mark the rear of the Lower Stock Shock Mount Bracket **4-3/4"** from the top of the bracket.
- F. Use a Cut-off Disc and Grinder to trim the Stock Shock Mount Bracket, including any protruding portion above the marked locations. Blend the transition as shown and paint exposed metal.



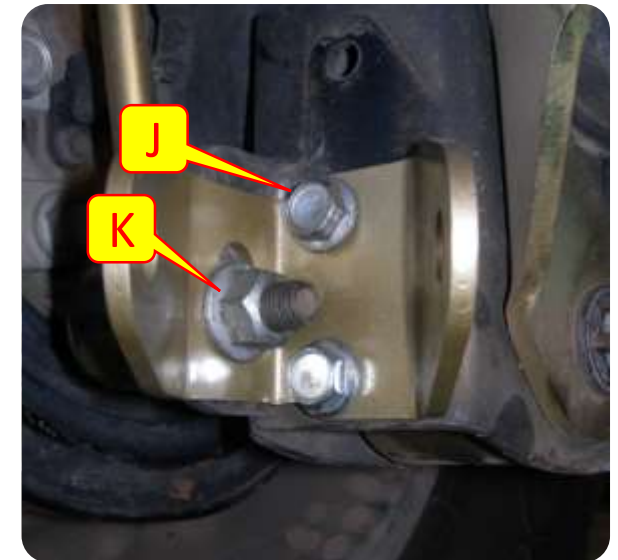
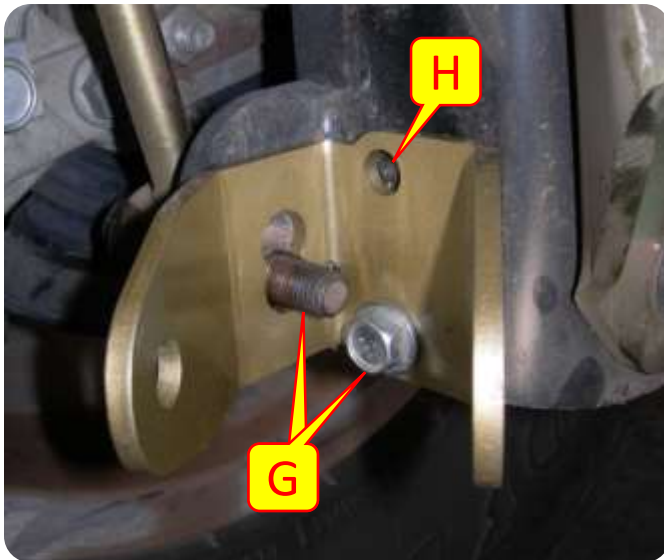
Section 3: Installation Instructions



Step 2: Install Rear Shock Mounts

- G. Locate the MetalCloak Lower Shock Mount Bracket (Bracket is symmetrical and can be reversed for Driver and Passenger Side) using the stock holes. The lower hole of the “figure 8” opening of the Shock Mount Bracket aligns with the stock sway bar link hole as shown.
- H. Mark the upper hole on the Shock Mount Bracket to be drilled.
- I. Remove Shock Mount Bracket and drill marked hole with a 7/16” Drill. The frame is made from a very hard steel, and we recommend drilling a 1/4” (or similar) pilot hole.
- J. Install the 3/8”-16 Flange Hex Head Screws and Nuts using a 9/16” Socket and Wrench.
- K. Reinstall the stock sway bar link bolt. Fully tighten all hardware.

Important Note: Depending on your suspension setup, you may need to leave the sway bar links disconnected until after the shock installation.



Section 3: REAR SUSPENSION Installation Instructions



Step 3: Install RockSport Shocks

- L. Install the upper rear RockSport shocks into the stock shock location. Using a 16MM socket tighten the upper shock stock hardware to torque specs (*37ft. Lbs*).



Section 4: Rear Shock Installation Instructions

Step 3: Install Shock

- M. Use the provided 1/2"-13 x 2.5" Hex Head Screw, Washer, Hex Flange Nut and Spacers to install the lower Rod End (*bushing side*) in the Shock Mount Bracket. The Washer goes under the head of the Screw, and the Flange Nut goes directly against the bracket.

