



PRODUCT: JL/JT Front RockSport Black Shock

REV: B | 04-08-2024 | II-1627/1628

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.



Socket & Ratchet Wrench

10mm Socket 18mm Socket
19mm Socket 5/16" Socket
9/16" Socket



18mm Wrench
19mm Wrench
9/16" Wrench

8mm Allen Wrench
5/32" Allen 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.

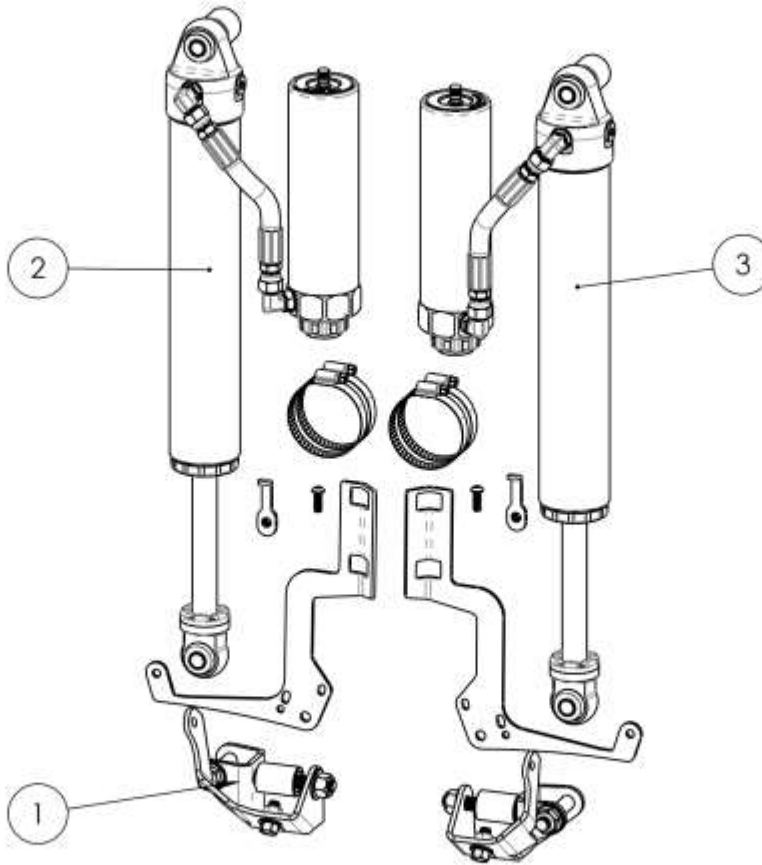
Images: Pictures are provided and parts are labeled throughout the instructions. Each text box contains guidance based on the pictures next to it. The text will refer to alphabetical labels (A, B, etc.) found in the images.

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

| ITEM | PART NUMBER/DESCRIPTION | QTY. |
|------|---|------|
| 1 | 7716 OUTBOARD SHOCK MOUNT KIT, STOCK HEIGHT, JL FRONT LOWER | 1 |
| 2 | RS-2200 2.5 ROCKSPORT SHOCK, 28.5 C1, JLFD JTFD | 1 |
| 3 | RS-2201 2.5 ROCKSPORT SHOCK, 28.5 C1, JLFP JTFP | 1 |



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DO NOT SCALE DRAWING

Metal Cloak
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PART NUMBER/DESCRIPTION
 1627 ROCKSPORT BLACK ADJUSTABLE SHOCK, JL JT FRONT, PAIR

Section 3: Installation Instructions



Step 1: Remove Factory Components

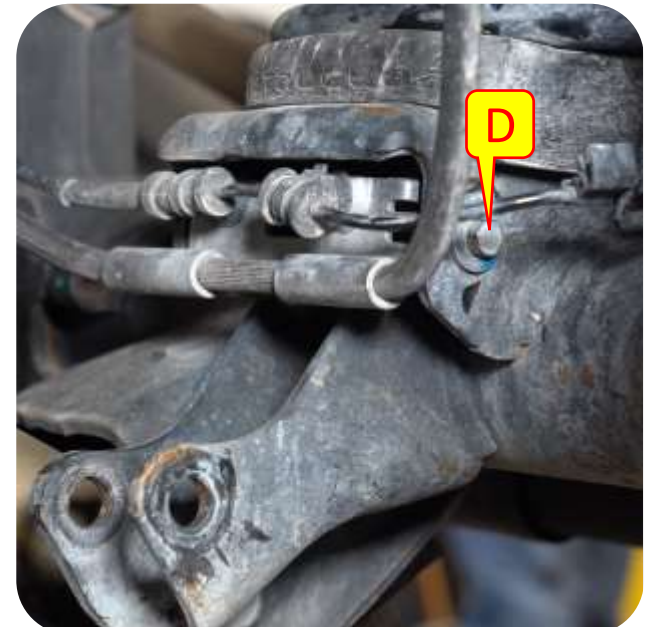
Important Note: *If you have the MetalCloak Front Inner Fender Wells you may need to modify them to get the RockSport Black Shock to fit properly. Using a piece of tape mark off the part you will need to trim and remove with a cutoff wheel.*



Section 3: Installation Instructions

Step 1: Remove Factory Components

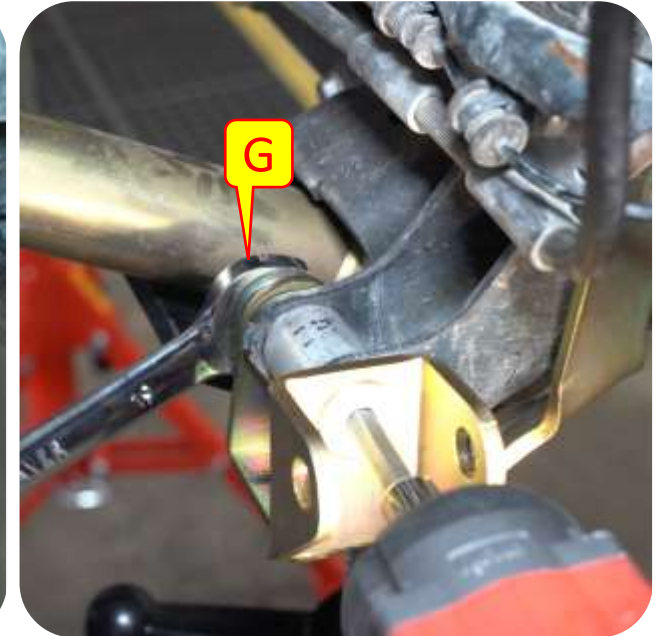
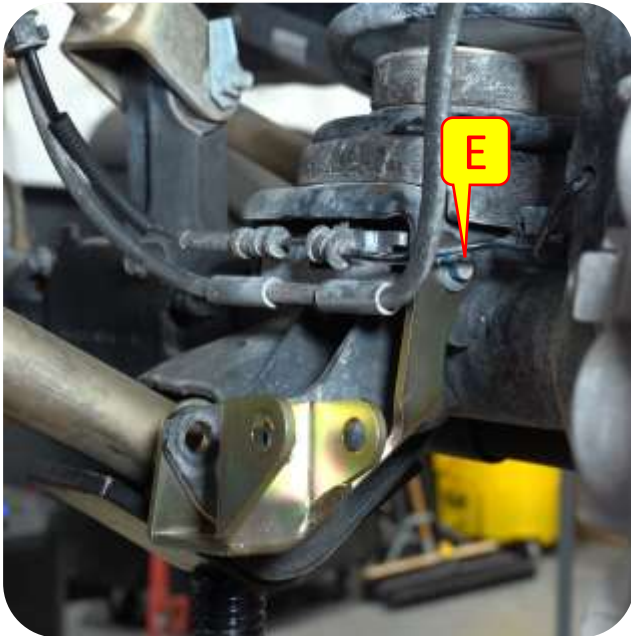
- A. Remove the front tire.
- B. Using a 18mm socket and wrench remove the front shocks. **Save Hardware.**
- C. Using a 10mm socket disconnect the brake line bracket that is attached to the frame. **Save Hardware.**
- D. Using a 10mm socket disconnect the bracket from the spring perch on the axle. **Save Hardware.**



Section 3: Installation Instructions

Step 2: Install RockSport Black Front Lower Outboard Shock Mount

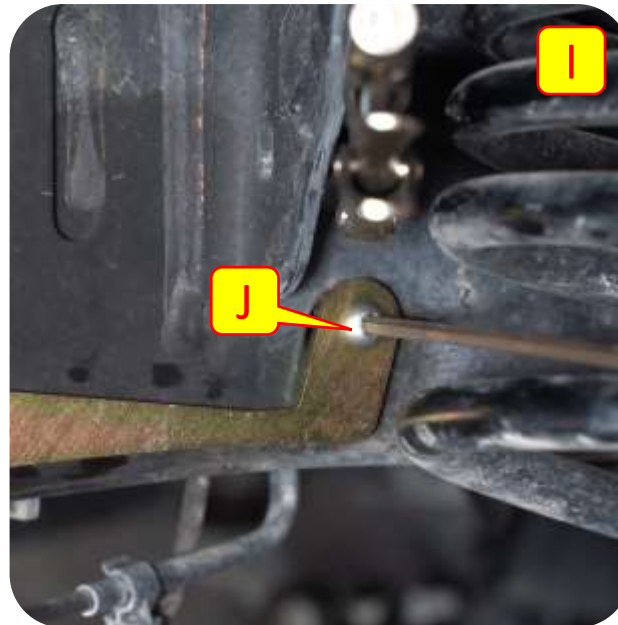
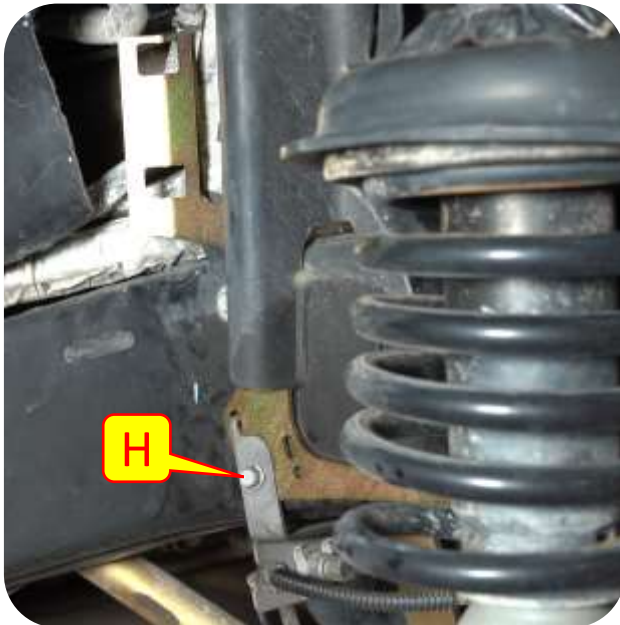
- E. Place the lower shock mount over the stock shock mount and install the factory 10mm spring perch hardware. Tighten hardware.
- F. Install the provided bolt and nut between the factory shock mount and fully tighten using a 9/16" socket and wrench.
- G. Install the provide spacer, nut, washer, and bolt and fully tighten using a 19mm wrench and 8mm allen wrench.



Section 3: Installation Instructions

Step 2: Install Reservoir Mount

- H. Align the reservoir mount up to the frame and brake line bracket. Once aligned reinstall the brake line bracket over the reservoir mount with the factory bolt.
- I. Using the provided bolt and flag nut install the part of the reservoir mount that is closest to the spring. We recommend using a pair of pliers to help hold the flag nut into place.
- J. Using a 5/32" allen wrench tighten the reservoir mount bolt closest to the spring.
- K. Fully tighten the brake line bracket using a 10mm socket.

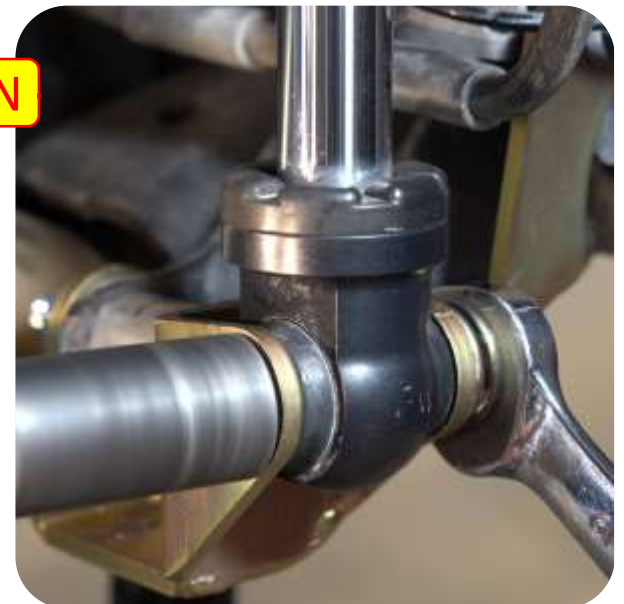


Section 3: Installation Instructions

Step 2: Install Front Shock

Note: You may be required to modify your inner fender wells to provide enough clearance for the shocks.

- L. Install shock into upper mounting hole and attach with OE bolt.
- M. Install shock eye into lower outboard mount previously installed using supplied 1/2" bolt and flange nut from mount kit.
- N. Tighten upper and lower shock mounting bolts using a 18mm socket for the upper bolt and a 19mm socket and wrench for the lower bolt.



Section 3: Installation Instructions

Step 3: Mount the Reservoir

- O. Using the provided hose clamps attach the reservoir to the reservoir mount. Make sure to slide the hose clamps down to align with the holes on the mount (*The image is shown without the reservoir in place to better display the clamp alignment*).
- P. Using a 5/16" socket tighten down the reservoir hose clamps.
- Q. Reinstall tire.

