



**PRODUCT: RockSport Black Outboard Shock Mount**

REV: A | 02-16-2024 | II-7716

**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  
19mm Socket

18mm Socket  
9/16" Socket



19mm Wrench  
9/16" Wrench

8mm 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](mailto: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	WM-6219 WELDMENT, SHOCK RELOCATION BRACKET, STOCK HEIGHT, JL FRONT	1
2	WM-6219-P WELDMENT, SHOCK RELOCATION BRACKET, STOCK HEIGHT, JL FRONT	1
E	HARDWARE KIT	1
3	FM-12132 TOPLOCK NUT, M12-1.75 X 12H STL C10 ZINC	2
4	FM-12190 SFHCS, M12-1.75 x 80L STL C10.9 ZINC	2
5	FS-06053 SERRATED FLANGE LOCK NUT, 0.38-16 X 0.34H STL GF ZINC	2
6	FS-06104 HHCS SERRATED FLANGE, 0.38-16 X 0.75L STL G5 ZINC	2
7	FS-08023 WASHER, 0.53ID X 1.06OD X 0.10TH STL ZINC	2
8	FS-08127 NYLOCK FLANGE NUT, 0.5-13 X 0.56H STL GF ZINC	2
9	FS-08134 HHCS, 0.5-13 X 2.75L STL G8 ZINC	2
D	10 SS-1078 SPACER PIPE, .75ID X SCHD80 X 1.47L ALUM	2

**TOLERANCES UNLESS OTHERWISE SPECIFIED**

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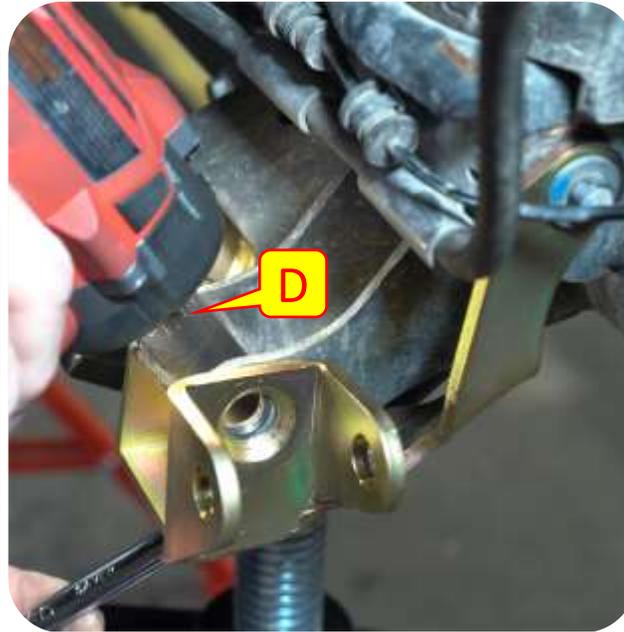
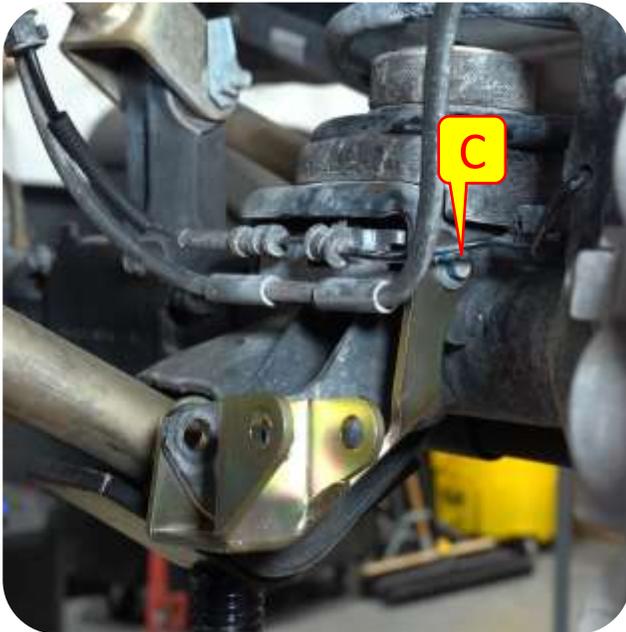
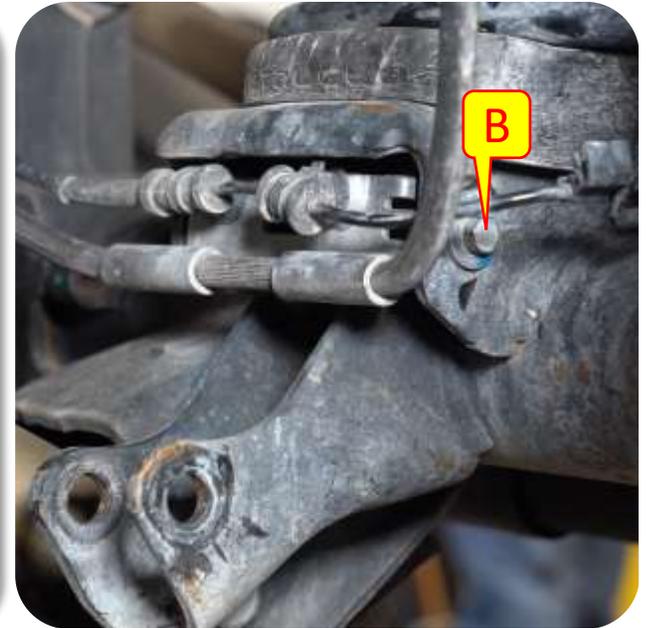
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**PART NUMBER/DESCRIPTION**  
 7716 OUTBOARD SHOCK MOUNT KIT, STOCK HEIGHT, JL FRONT LOWER

## Section 3: Installation Instructions

### Step 2: Install RockSport Black Front Lower Outboard Shock Mount

- A. Disconnect the front lower portion of the RockSport Black Shock from the axle.
- B. Using a 10mm socket disconnect the bracket from the spring perch on the axle. **Save Hardware.**
- C. Place the lower shock mount over the stock shock mount and install the factory 10mm spring perch hardware. Tighten hardware.
- D. Install the provided bolt and nut between the factory shock mount and fully tighten using a 9/16" socket and wrench.
- E. 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 Front Shock

- F. Install shock eye into lower outboard mount previously installed using supplied ½” bolt and flange nut from mount kit.
- G. Tighten the lower shock mounting bolt using a 19mm socket and wrench.

