



PRODUCT: JL/JT Heavy Duty Drag Link

REV: B | 10-07-2020 | II-7643

**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

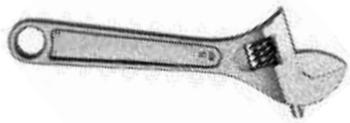


Tools Required: This list is the recommended tools for ease of installation. Other versions of the same tool can be used. For example, Allen Wrenches instead of Allen Drive Sockets.



Ratchet

21mm Socket



Large Adjustable Wrench

6mm allen wrench



5/16" 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	FS-16121 JAM NUT, 1.0-14 X 0.55H STL G5 ZINC	1
2	SS-0111 TIE ROD END, JL TAPER, 1.0-18 RIGHT HAND	1
3	SS-0112 TIE ROD END, JL PITMAN ARM, 1.0-18 LEFT HAND	1
4	SS-1143 BAR, HD DRAG LINK, JK	1
5	SS-1144 BAR, HD DRAG LINK ADJUSTMENT, JK	1

41 (REF)
+/- 3/4

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DO NOT SCALE DRAWING

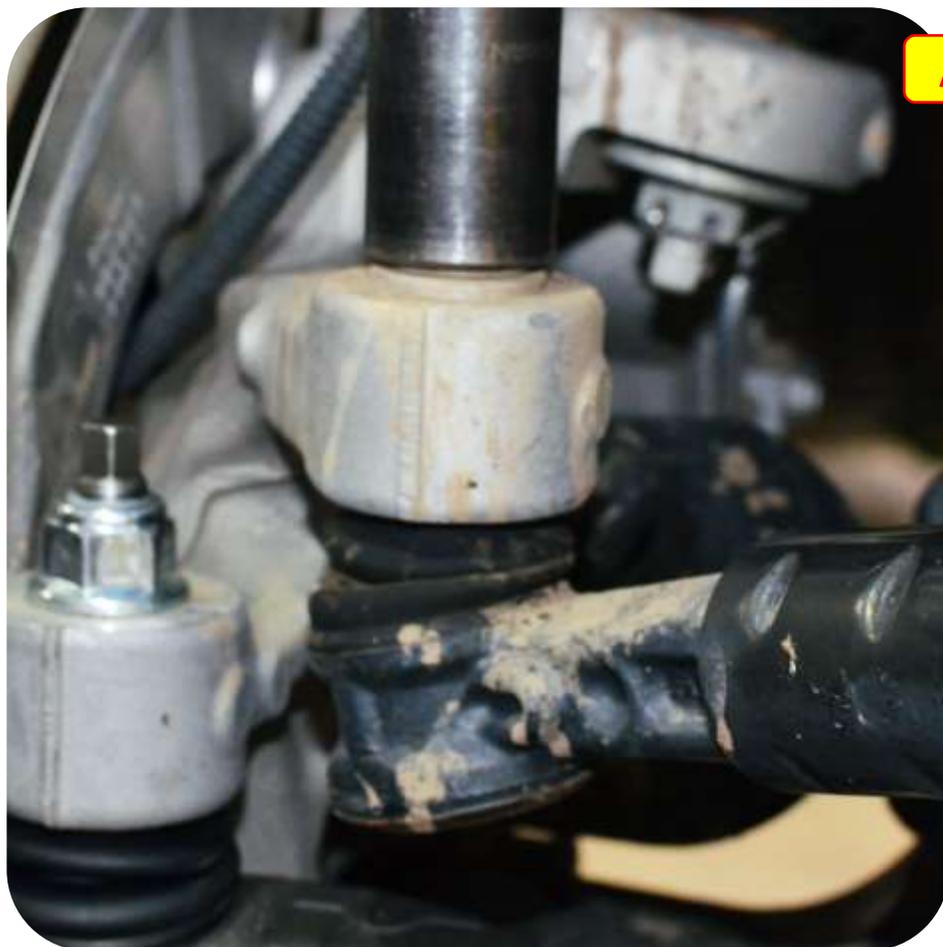
METAL CLOAK
A DIVISION OF ARMORED WORKS, LLC

PART NUMBER DESCRIPTION 7643 HD DRAG LINK, JL

Section 3: Installation Instructions

Step 1: Remove Stock Drag Link

- A. Remove stock drag link using a 21mm socket.



Section 3: Installation Instructions



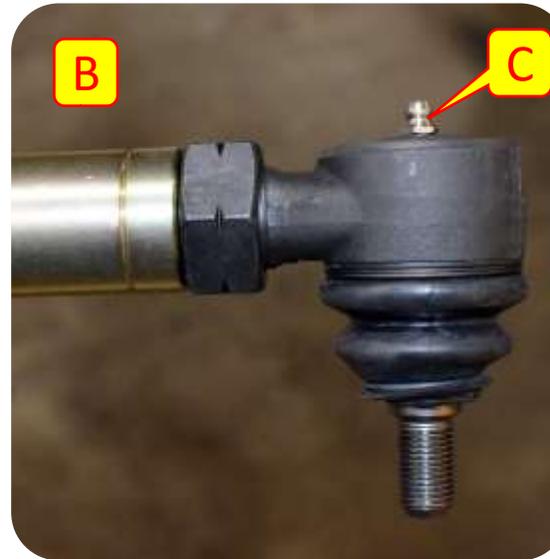
Step 2: Drag Link Preparation

- B. Assemble the drag link ends onto the drag link

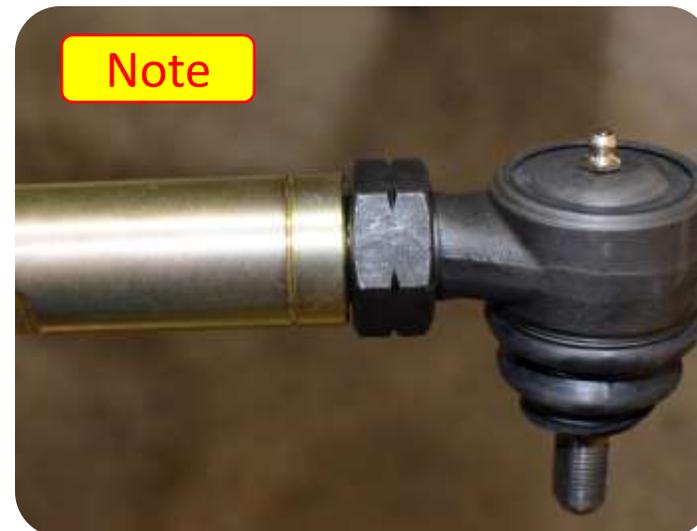
Note: The drag link ends have different handed threads and the drag link is made accordingly. The drag link end with the notched nut should be installed on the notched end of the drag link bar.

- C. Using a 5/16 wrench install the grease zert into the drag link ends.
- D. Using a 21mm socket Install the MetalCloak JK Drag Link, preferable the passenger side first. The side of the drag link to be installed in the passenger side will have the bend in it. An extra pair of hands will be useful in holding the other side of the drag link. Use the provided castle nut and only snug the castle nut for now (you will fully tighten everything at the end).

Note: The joint is assembled with grease but is recommended to have additional grease inserted before use.



Important Note: The drag link nylock nuts that are included are a one time use ONLY; they should be replaced with a new one if removed.



Section 3: Installation Instructions



Step 3: Install Drag Link

- E. Install the driver side of the drag link. You may need to turn the tires in order to install the drag link. Use a 6mm allen wrench and a 21mm wrench fully tighten the drag link end.

Note: *Before continuing onto the next step make sure the wheels are straight.*

- F. Turn the drag link adjuster with an adjustable wrench until the steering wheel is level.
- G. Make sure all hardware and jam nuts are fully tightened.
- H. MetalCloak **STRONGLY RECOMMENDS** having your alignment checked by a professional after changing any suspension components.

