



PRODUCT: JL Wrangler Hi-Steer Drag Link Flip Kit

REV: A | 04-03-2024 | II-7213

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

18mm Socket 21mm Socket
3/4" Socket 9/16" Socket



9/16" Wrench
18mm Wrench

10mm Allen Wrench



7/8" Drill Bit
7/8" Drill Bit
Drill

Adjustable 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

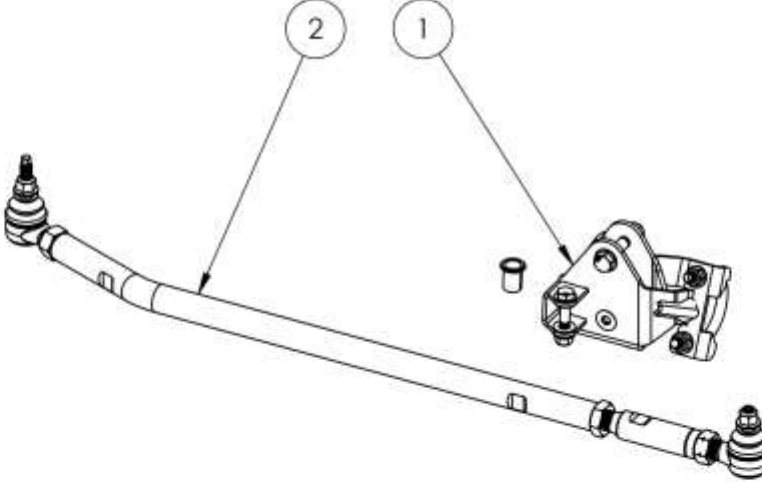
QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components

DC-0001 Rev B

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	7207 TRACK BAR RELOCATION BRACKET, JL JT	1
2	7643 HD DRAG LINK, JL	1



THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ARMORED WORKS, LLC. UNAUTHORIZED REPRODUCTION IS PROHIBITED.
DO NOT SCALE DRAWING

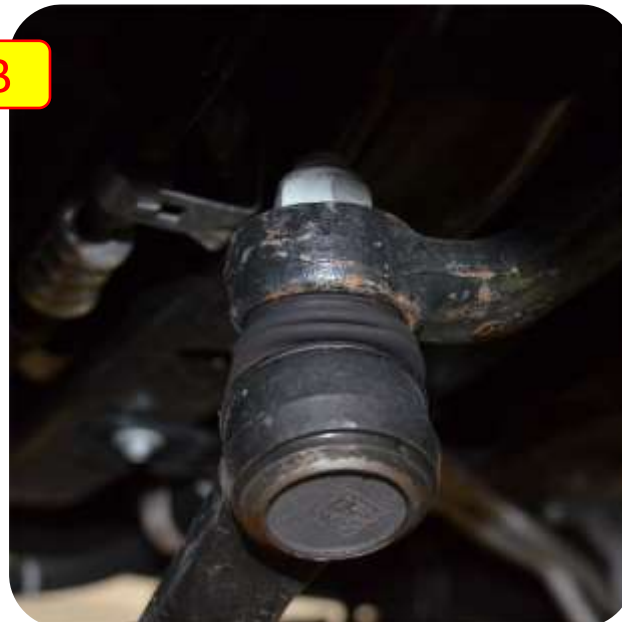
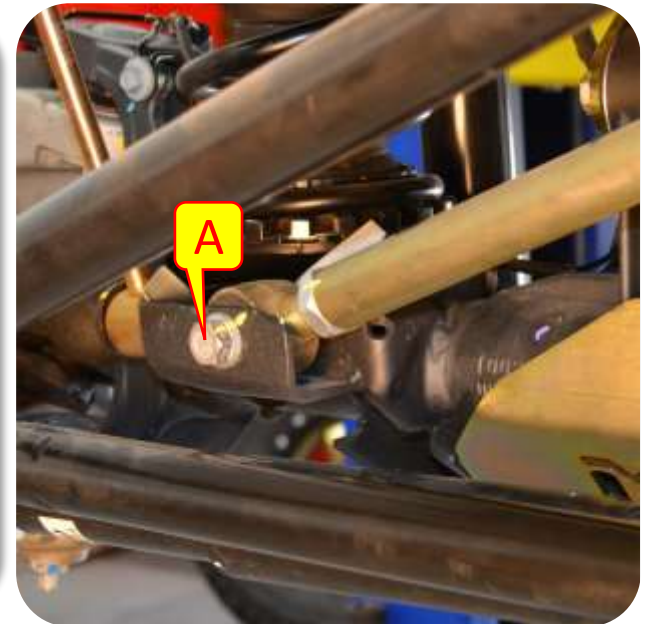
Metal Cloak
 A DIVISION OF ARMORED WORKS, LLC

PART NUMBER/DESCRIPTION
 7213 HI-STEER KIT, JL JT

Section 3: Installation Instructions

Step 1: Remove Stock Components

- A. Remove factory track bar bolt at axle with a 21mm socket.
- B. Remove factory drag link using 21mm socket.
- C. Using a 18mm socket remove the stock steering stabilizer

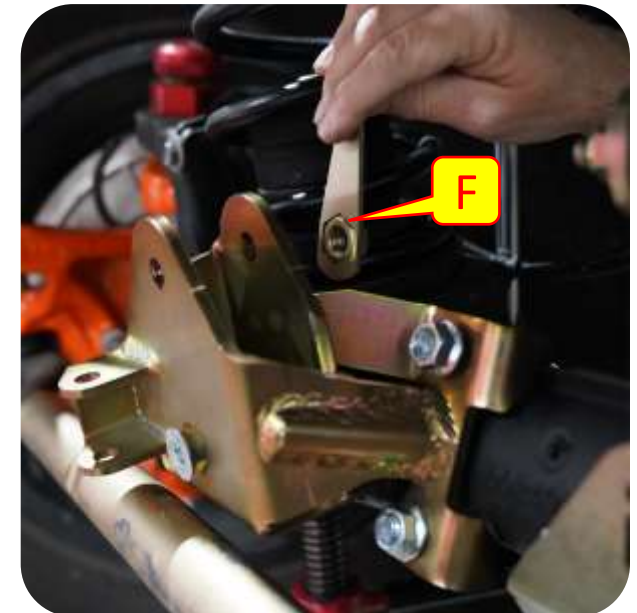
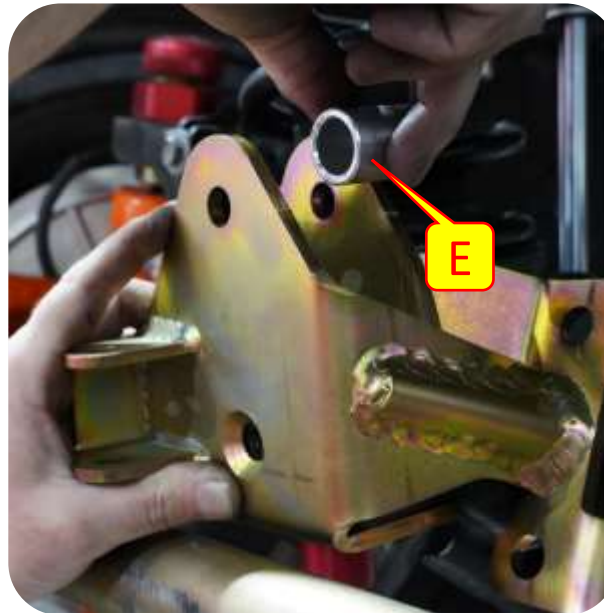
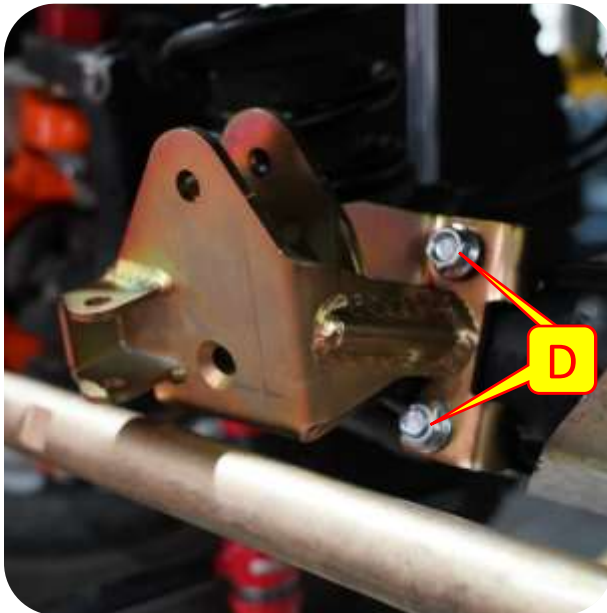


Section 3: Installation Instructions

Step 2: Install The Track Bar Relocation Bracket

- D. Using the U-bolt and 1/2" nuts loosely install the track bar relocation bracket.
- E. Insert the provided crush sleeve into the bracket. This should be a snug fit but not so tight that you need more than a gentle tap of a hammer to get it to fall into place.
- F. Install the provided flat head bolt into the factory track bar mounting hole and through the crush sleeve and attach with the provided flag nut.

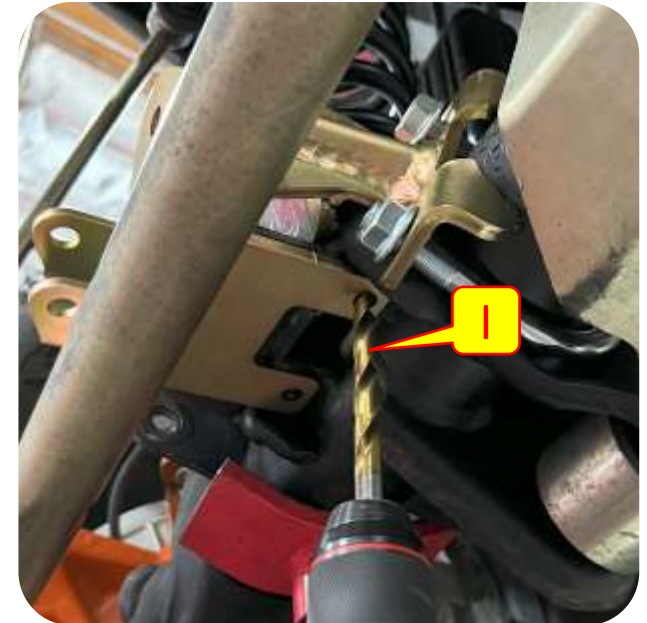
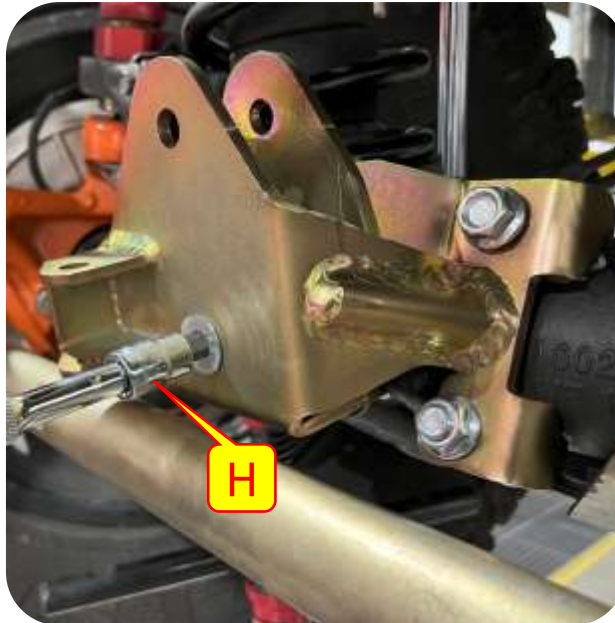
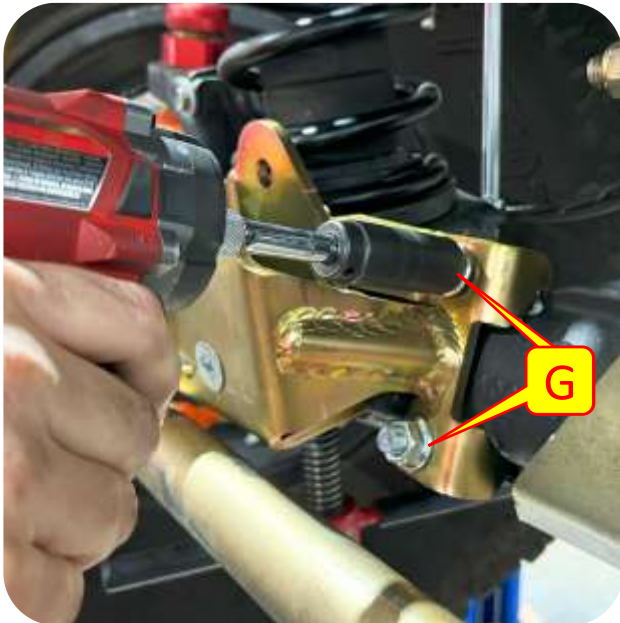
Note: *If the crush sleeve fitment is way to tight and will not go, your factory mounting bracket might be slightly bent or bowed. Fix the bend by removing the flip bracket and using a large crescent wrench bend the factory bracket to adjust the spacing as needed. Both inner and outer brackets should be parallel and approximately spaced 1 5/8" apart.*



Section 3: Installation Instructions

Step 2: Install The Track Bar Relocation Bracket

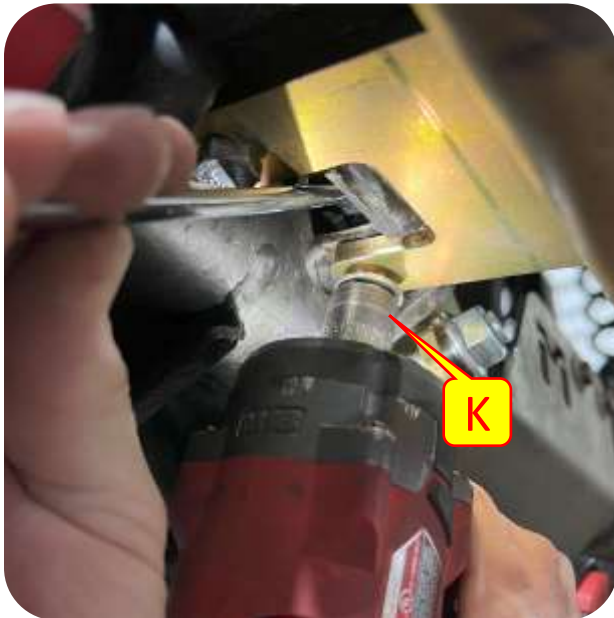
- G. Using a 3/4" socket fully tighten the U-bolt nuts.
- H. Using a 10mm allen wrench tighten the flat head bolt.
- I. Using a 3/8" drill bit, drill out the two holes on the bottom of the bracket.



Section 3: Installation Instructions

Step 2: Install The Track Bar Relocation Bracket

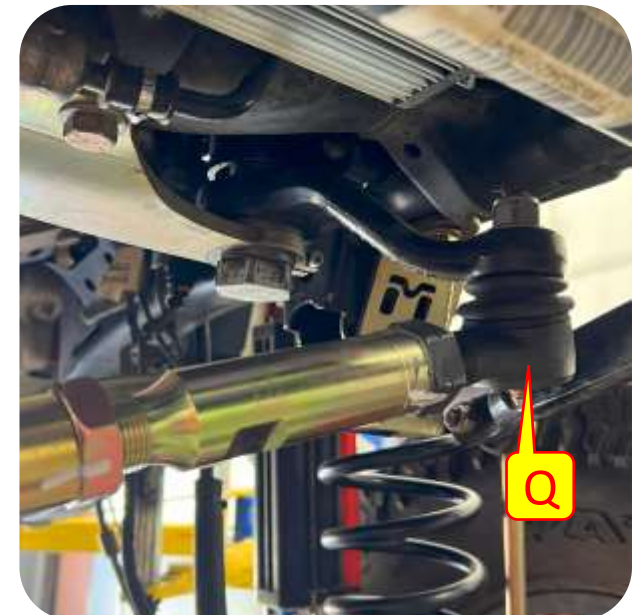
- J. Using the provided hardware install the bolts and nuts into the previously drilled out holes.
- K. Using a 9/16" wrench and 9/16" socket tighten down the two bolts on the bottom of the bracket.
- L. Install the track bar into the track bar relocation bracket.
- M. Install the steering stabilizer into the track bar relocation bracket with the factory hardware. Tighten with a 18mm socket and wrench



Section 3: Installation Instructions

Step 3: Install the Drag Link

- N. Drill out the knuckle with a 7/8" drill bit making sure not to oversize the hole and making sure to drill straight.
- O. Install the provided sleeve into the knuckle and install the drag link into the top of the sleeve and knuckle.
- P. Install the adjustable end of the drag link into the pitman arm at the frame.
- Q. Tighten the drag link end nuts with a 21mm socket.



Section 3: Installation Instructions



Step 2: Final Adjustments

- R. Lower the vehicle to the ground and turn the drag link adjuster by either using your hand or an adjustable wrench until the steering wheel is level.
- S. Center the axle under the vehicle by adjusting the track bar.
- T. Tighten all the jam nuts on the drag link and track bar.
- U. MetalCloak strongly recommends having your alignment checked by a professional after changing any suspension components.