



PRODUCT: JL Front Reinforcement Track Bar Bracket

REV: A | 03-22-2022 | II-7688

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
9/16" Socket 3/4" Socket
7/8" Socket



18MM Wrench 21MM Wrench
9/16" Wrench 3/4" Wrench
7/8" Wrench

1/8" to 11/16" Drill Bits



Drill

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 2

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	8998 INSTALLATION TOOL, 0.50-13 RIVET NUT	1
2	WM-6230 WELDMENT, TRACK BAR REINFORCEMENT, JL	1
E HK-7688 [INTERNAL]		
4	FM-14126 TOPLOCK NUT, M14-2.0 X 14H STL C10 ZINC	1
5	FM-14154 HHCS, M14-2.0 X 80L STL C10.9 ZINC	1
6	FS-06004 WASHER, 0.41ID X 0.81OD X 0.05TH SS 18-8	1
7	FS-06031 HHCS, 0.38-16 X 1.0L STL G5 ZINC	1
8	FS-06210 NYLOCK FLANGE NUT, 0.38-16 X 0.41H STL GF ZINC	1
9	FS-08082 RIVET NUT, 0.5-13 X 0.20GRIP STL G5 GOLD ZINC	2
10	FS-08219 HHCS FLANGE, 0.5-13 X 1.25L STL G8 ZINC	2
11	FS-09119 WASHER, 0.59ID X 1.16OD 0.10TH STL GOLD ZINC	1

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DO NOT SCALE DRAWING

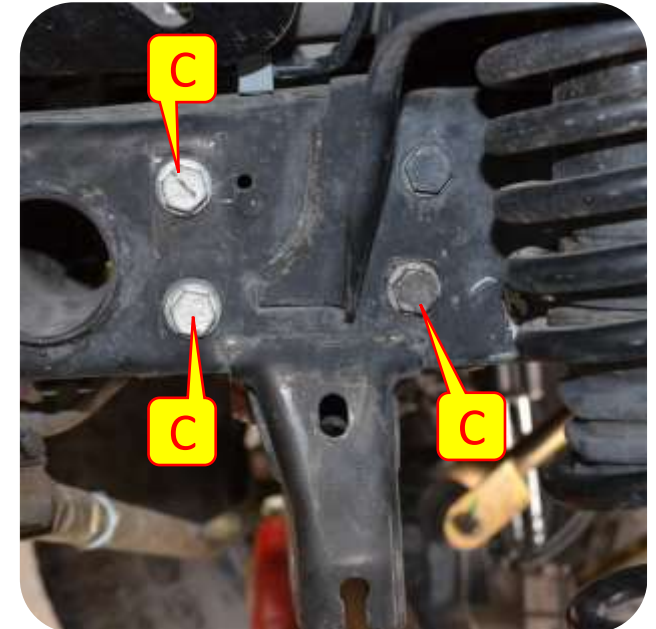
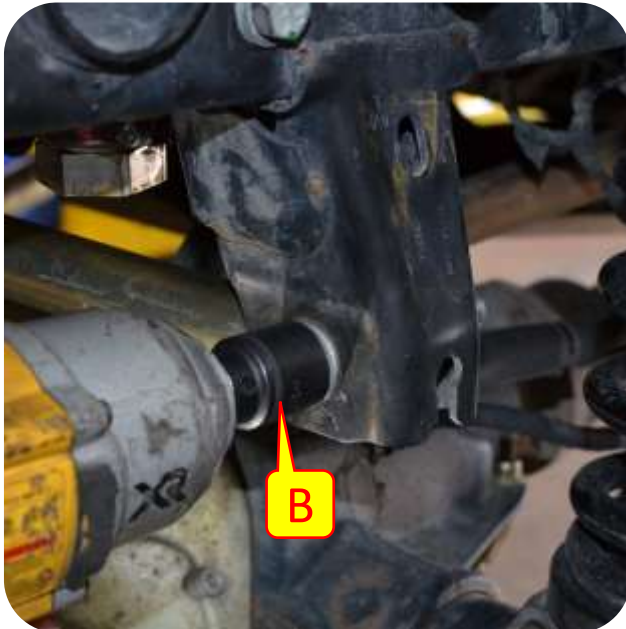
Metal Cloak
A DIVISION OF ARMORED WORKS, LLC

PART NUMBER/DESCRIPTION
7688 TRACK BAR REINFORCEMENT, FRONT, JL

Section 3: Installation Instructions

Step 1: Remove Stock Components

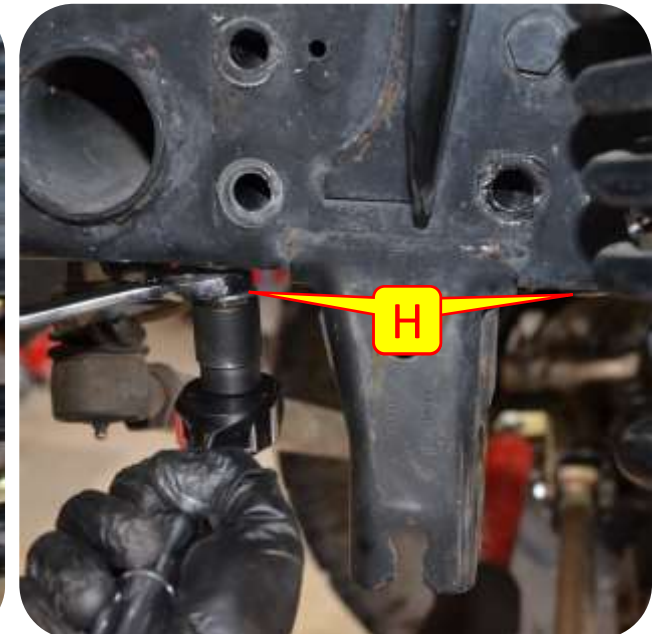
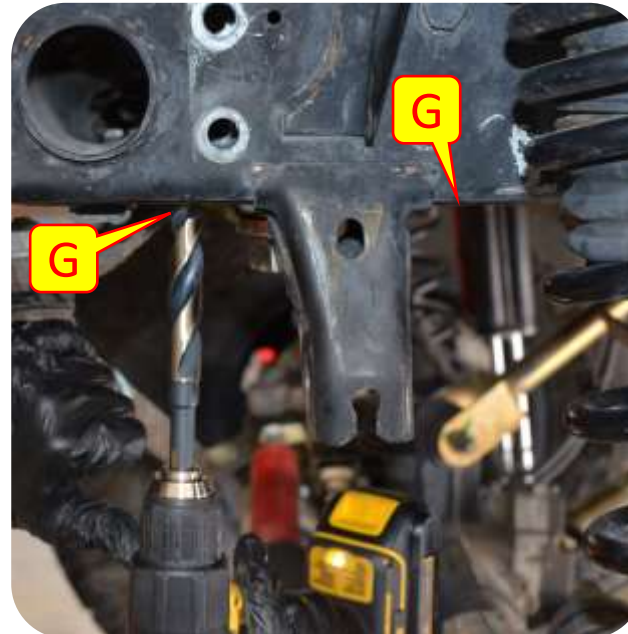
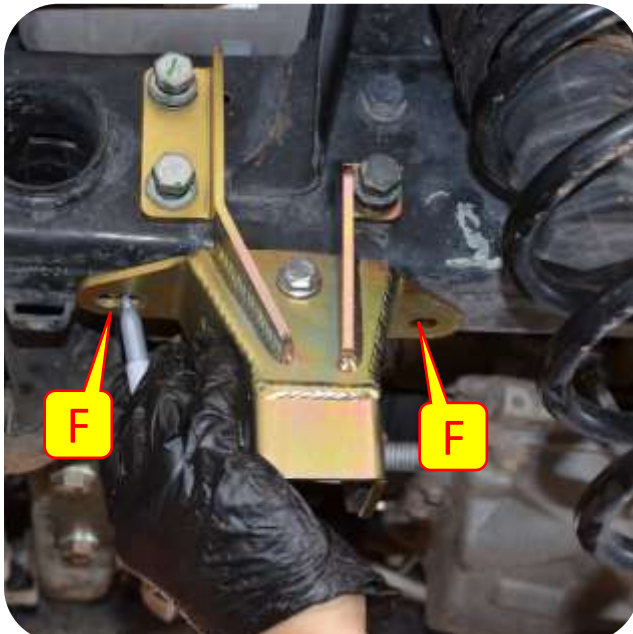
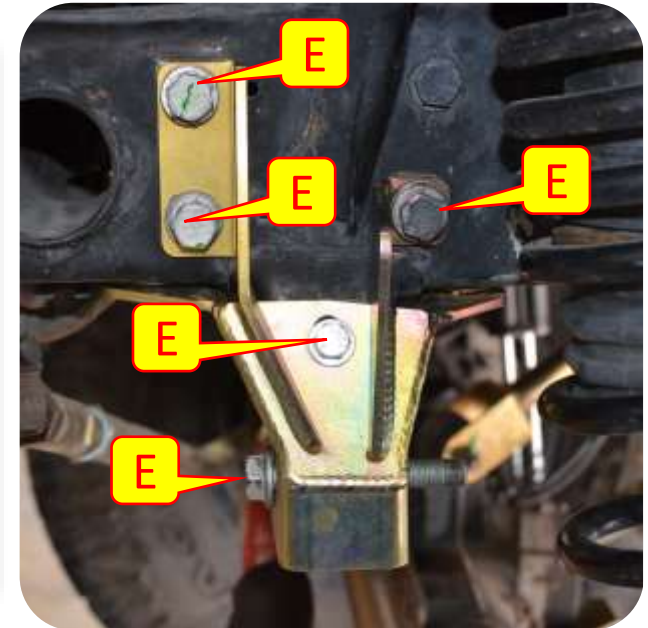
- A. Turn the steering wheel all the way toward the passenger side so your pitman arm is positioned away from your work area.
- B. Using a 21mm socket and wrench, remove the track bar from the frame-side track bar mount.
- C. Using 18mm wrench and socket, remove sway bars from axle side sway bar mount and move them in a direction that is out of your way.
- D. Remove the top left, bottom left and bottom right steering gear mounting bolts using an 18mm socket (*leave the top right bolt behind coil spring tight*).



Section 3: Installation Instructions

Step 2: Front Track Bar Bracket Installation

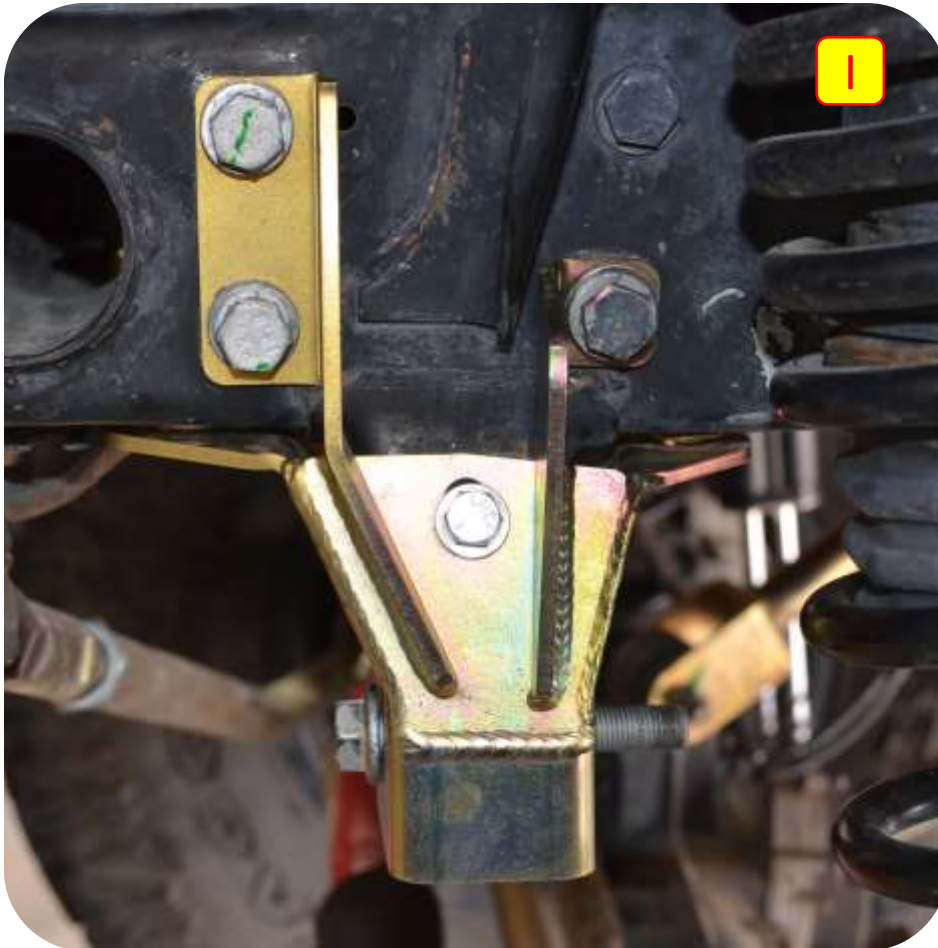
- E. Place the reinforcement bracket over the factory track bar mount and put track bar bolt as well as steering gear bolts in their locations to hold the reinforcement bracket in place.
- F. Mark the two holes on the frame where the outside holes on the reinforcement bracket and remove the reinforcement bracket
- G. Drill out the marked holes starting with a small drill bit and step up in drill bit sizes until you've worked your way to a 11/16" drill bit.
- H. Install the rivet nuts using a 3/4" socket and wrench.



Section 3: Installation Instructions

Step 2: Front Track Bar Bracket Installation

- I. Place the reinforcement bracket over the stock trackbar mount and loosely install all mounting hardware.
- J. Install the trackbar and new nut and bolt using a 7/8" wrench and socket.



Section 3: Installation Instructions

Step 2: Front Track Bar Bracket Installation

- K. Using a 18mm socket tighten the upper bracket stock hardware.
- L. Using a 9/16" socket and wrench tighten the lower bracket bolt.
- M. Using a 3/4" socket tighten the rivet nut hardware.
- N. Tighten the trackbar nut and bolt using a 7/8" socket and wrench.
- O. Check all hardware to ensure that they have been tightened properly.

