



PRODUCT: Bronco Tie Rod Brace Kit

REV: A | 01-24-2024 | II-B0304

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:



Socket & Ratchet Wrench

21MM Socket



21MM Box Wrench
23MM Box 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.

Model: Instructions may apply to multiple Bronco models but are labeled separately where appropriate.

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

	1	2	3	4	5	6	7	8
	ITEM	PART NUMBER/DESCRIPTION		QTY.				
	1	SB-0016 BAR, TIE ROD BRACE, BRONCO		2				

E

D

C

B

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DO NOT SCALE DRAWING

PART NUMBER/DESCRIPTION

Metal Cloak

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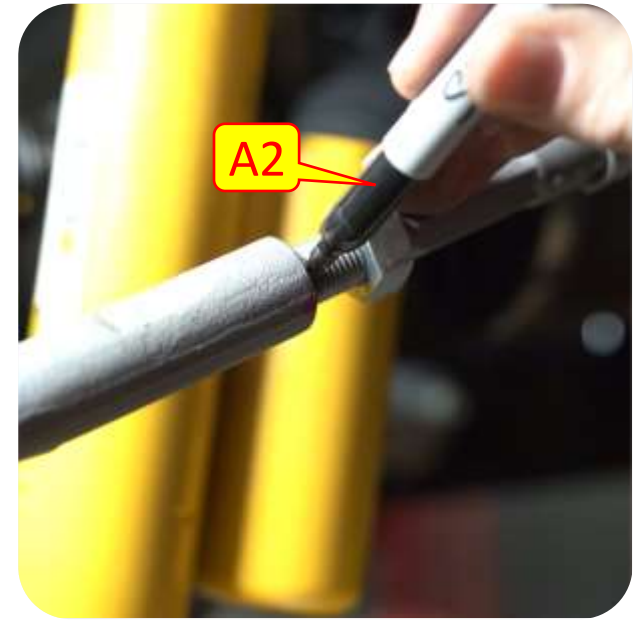
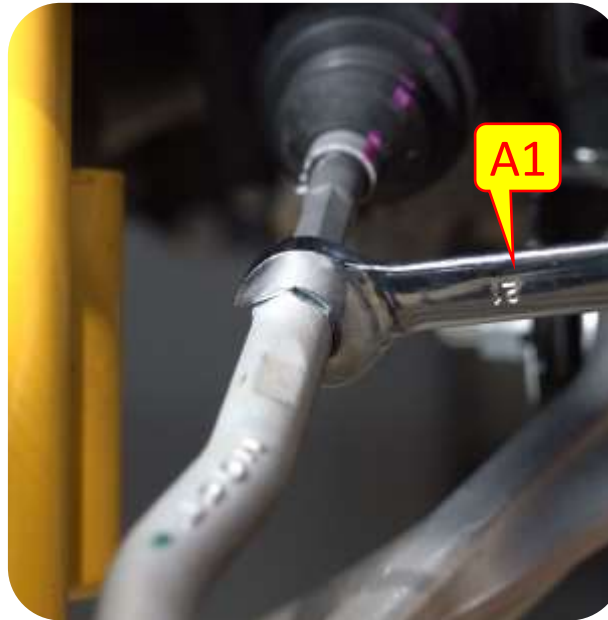
B0304 TIE ROD BRACE, PAIR

Section 3: Installation Instructions



Step 1: Remove Tie Rod

- A. Loosen the tie-rod jam-nut with a 21mm wrench and mark the threads where the outer-section meets with the inner-section.
- B. Uninstall the tie-rod outer-section from the steering knuckle using a tie rod puller.
- C. Completely unthread the tie-rod outer-section from the inner-section.

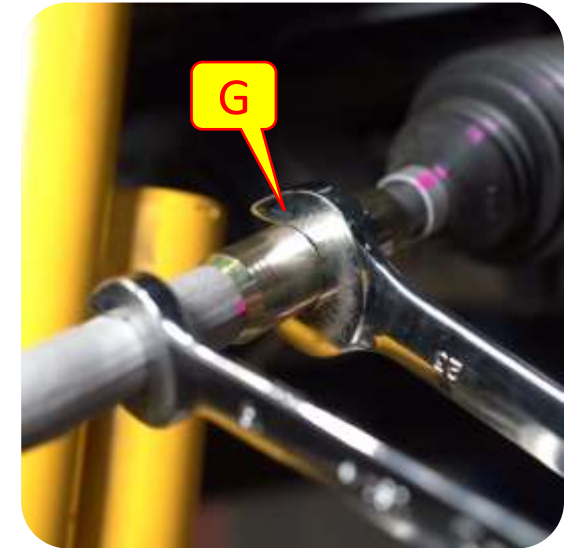


Section 3: Installation Instructions



Step 2: Install Tie Rod Brace

- D. Remove the jam-nut and replace it with the Metalcloak tie rod sleeve. The unthreaded end of the sleeve should be towards the steering rack.
- E. Thread the tie-rod outer-section back onto the inner-section up to the mark on the threads.
- F. Reinstall the outer-section to the knuckle with a 21mm socket.
- G. Tighten down the sleeve against the outer-section with a 21mm and 23mm wrench.



Important Note: *It's recommended to get your alignment checked after installing the MC tie-rod sleeve.*