



PRODUCT: JT Leveling Kit Control Arm Upgrade

REV: A | 08-07-2020 | II-7657

**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 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!

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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. Be sure to use metric on metric and SAE on SAE.



Socket & Ratchet Wrench

10mm Socket
21mm Socket

18mm Socket
24mm Socket



Screwdriver

18mm Wrench
21mm Wrench
24mm Wrench



Electric Drill
1/8" up to 3/8" Drill Bits

3/16" 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

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

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SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	7043 BUMP STOP KIT, 1.0-4.0 REAR	1
2	7619 TRACK BAR KIT, JT REAR	1
3	7636 DUROFLEX CONTROL ARM UPGRADE KIT, JT REAR	1

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Metal Cloak
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PART NUMBER/DESCRIPTION
 7657 DUROFLEX ARM UPGRADE KIT, JT REAR

Section 3: Installation Instructions

Step 1: Remove Stock Components

- A. Disconnect the upper control arm heat shield on both sides at the frame using a 10MM Socket. Save heat shields and all hardware.



Section 3: Installation Instructions



Step 2: Install Control Arms

Important Note: *These Control Arm Specifications are Just Starting Points. ALL JEEPS ARE DIFFERENT. MetalCloak Recommends Seeing a Suspension Specialist for Correct Control Arm Lengths for YOUR Jeep.*

		Front Control Arms		Rear Control Arms	
Castor Angle		Upper	Lower	Upper	Lower
MetalCloak 3.5" Lift	6 Degrees	19.75"	24"	16.5"	23.75"

Important Note: *MetalCloak Recommends installing one control arm at a time. Loosening but not removing all control arm bolts first will make removal easier.*

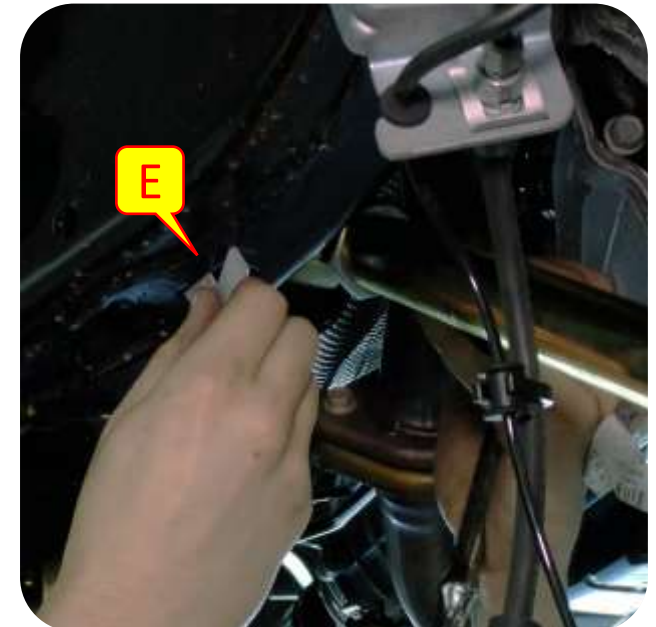
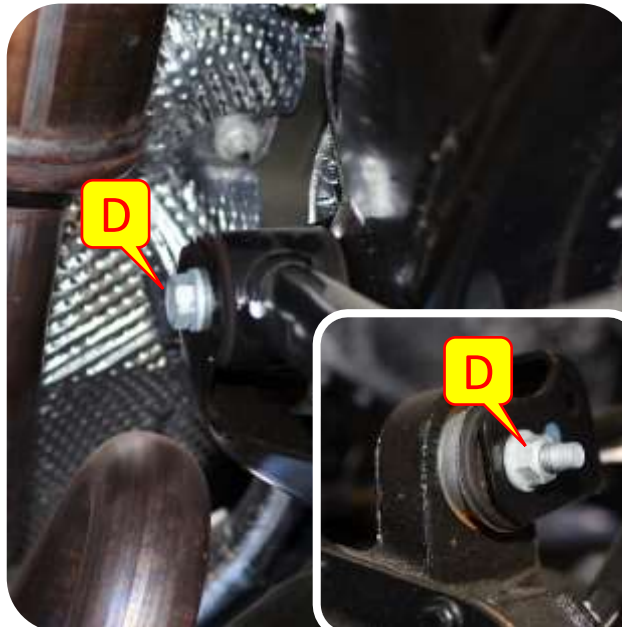
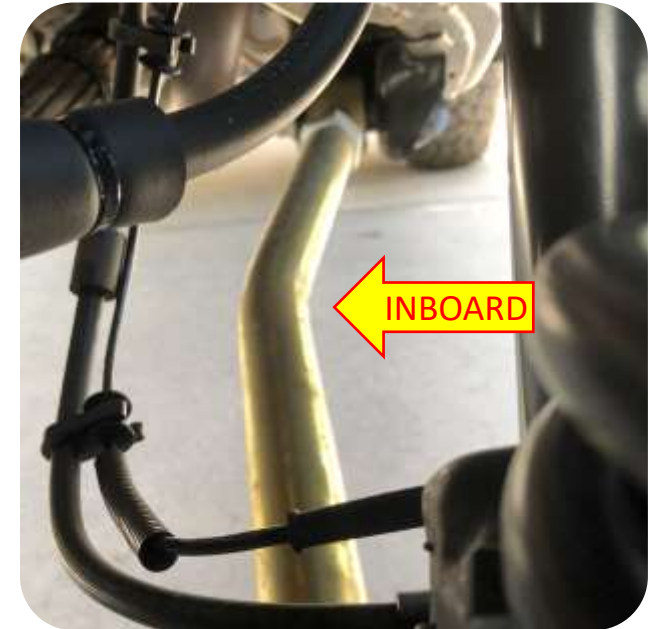
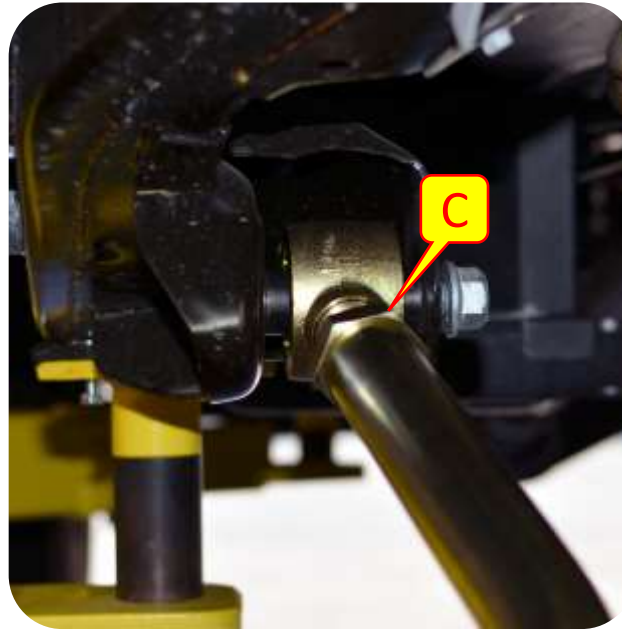
- B. Use a 24mm Socket & Wrench to remove the stock bolts from the front lower control arms. **Save all hardware.**



Section 3: Installation Instructions

Step 2: Install Control Arms

- C. Install the Front Lower Control Arms so that the adjustable joint is in the rear, and the arm angles INBOARD to provide tire turning clearance.
- D. Using a 18mm wrench and socket remove the Front Upper Control Arms. Save all hardware.
- E. Install the MetalCloak Front Upper Control Arm using the stock hardware.



Section 3: Installation Instructions



Step 3: Install Rear Control Arms

Important Note: *These control arm specifications are just starting points. **ALL JEEPS ARE DIFFERENT.** MetalCloak recommends seeing a suspension specialist for correct control arm lengths for **YOUR** Jeep.*

	Castor Angle	Front Control Arms		Rear Control Arms	
		Upper	Lower	Upper	Lower
MetalCloak 3.5" Lift	6 Degrees	19.75"	24"	16.5"	23.75"

Important Note: *MetalCloak recommends installing one control arm at a time. Loosening but not removing all control arm bolts first will make removal easier.*

- F. Use a 21mm socket & 24MM wrench to remove the stock bolts from the upper rear control arms. **Save all hardware.**

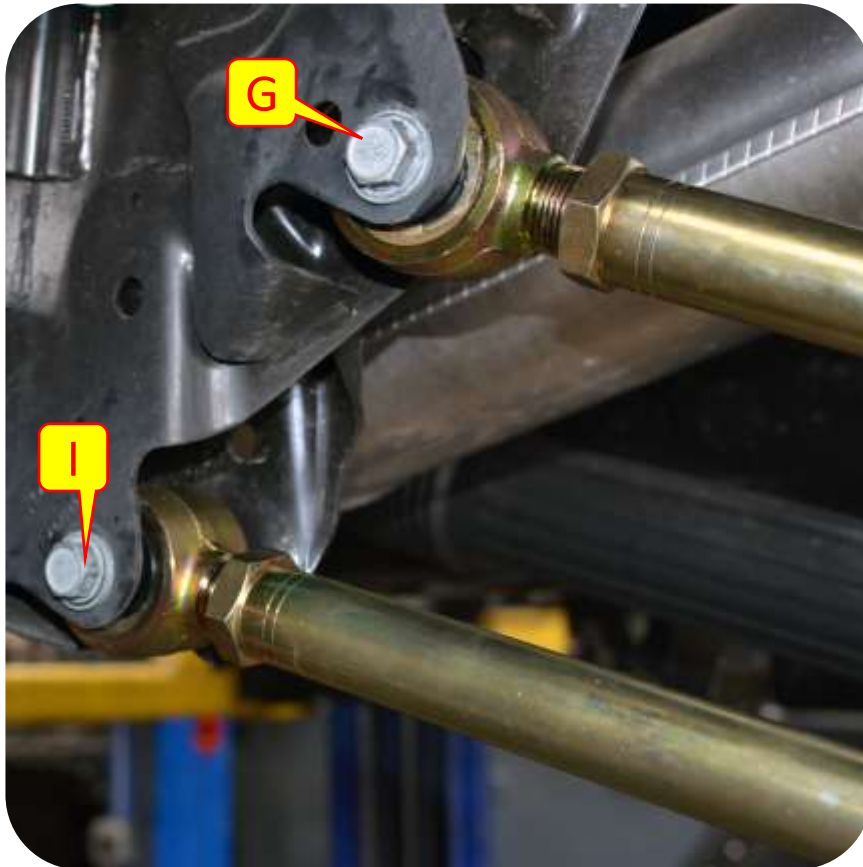


Section 3: Installation Instructions



Step 3: Install Rear Control Arms

- G. Using the stock hardware install the upper rear control arms so that the adjustable joint is at the frame.
- H. Use a 21mm socket & 24MM wrench to remove the stock bolts from the lower rear control arms. **Save all hardware.**
- I. Using the stock hardware install the upper rear control arms so that the adjustable joint is at the frame.

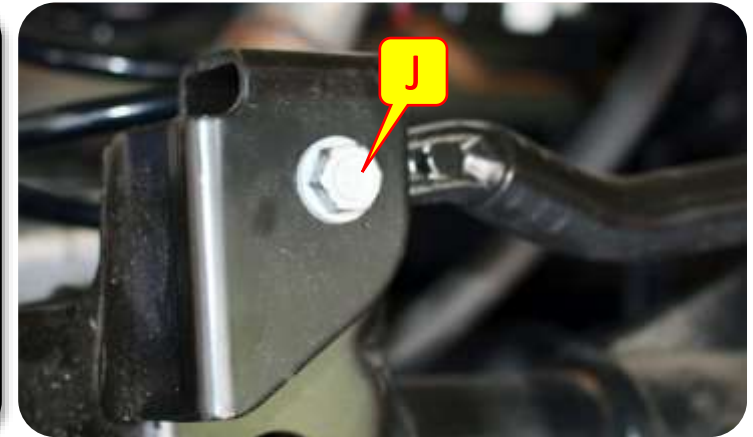


Section 3: Installation Instructions



Step 4: Install MetalCloak Rear Track Bar

- J. Using a 21MM Socket and wrench disconnect the stock rear track bar. **Save all Hardware.**
- K. Install the MetalCloak Track Bar using the stock hardware. You may need to lower the vehicle to the ground to install one end of the track bar and tighten the hardware using a 21MM Socket and Wrench.



Section 3: Installation Instructions

Step 5: Install Rear Bump Stops

- L. Center the rear bump stop onto the rear axle bump stop plate and mark the holes in preparation for drilling.
- M. Center punch the marked holes.
- N. Drill a pilot hole at the marked location and work your way up to a 3/8" drill bit.
- O. Using a 1/2" wrench and a 3/16" allen socket tighten the provided hardware into the drilled locations.



Section 3: Installation Instructions

Step 5: Install Rear Bump Stops

- P. Install next puck (Side B) using the 1 3/4" woodscrews.
- Q. Continue until desired bump stop height (Side A/Side B/ Side A/Side B).

