



PRODUCT: TJ/LJ Front Lower Control Arm

REV: A | 04-13-2016 | II-7050

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

21MM Socket



21MM 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.

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

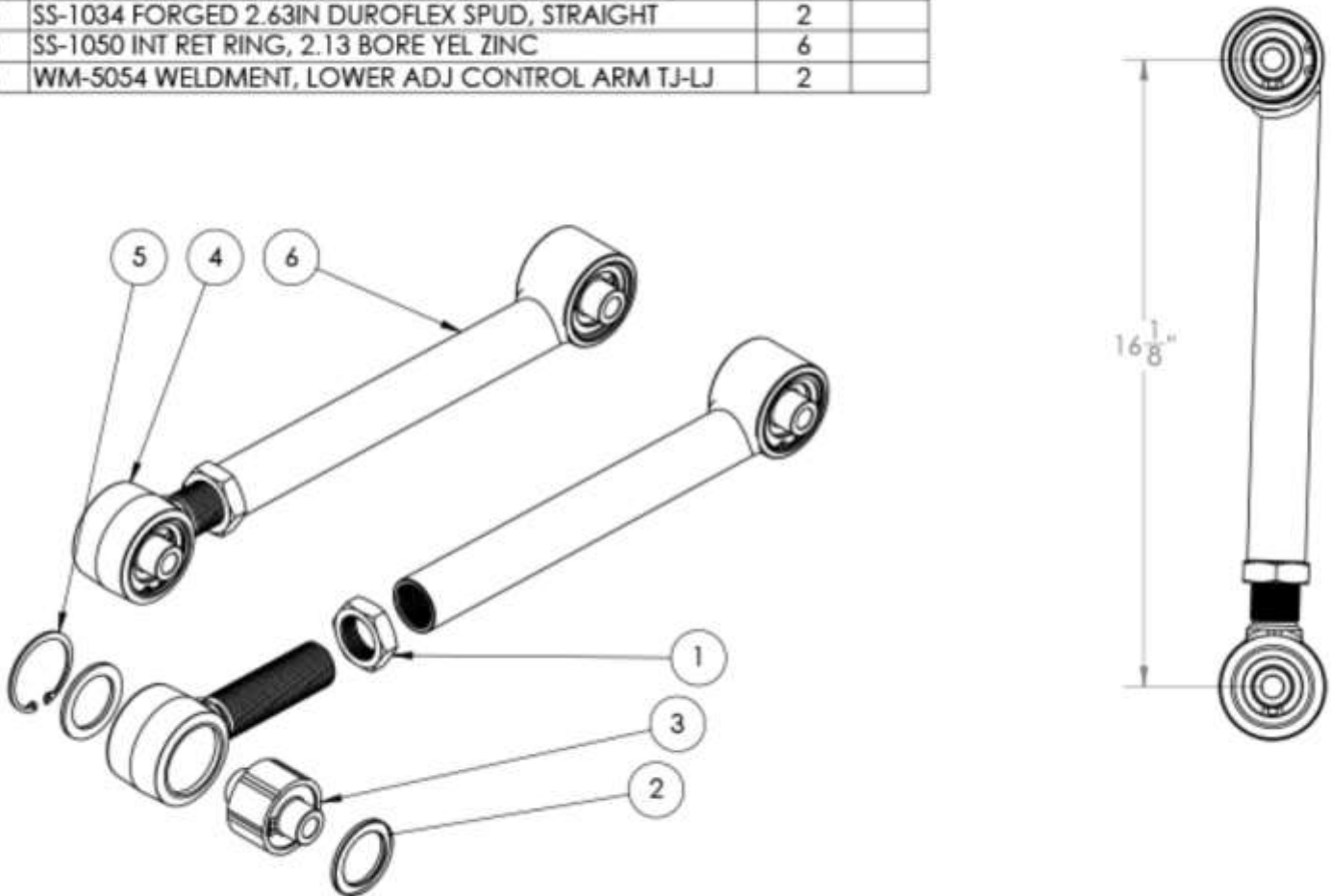
QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components

DC-0001 REV A

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.	BIN
1	FS-20182 JAM NUT, 1.25-12 X 0.53H STL G5 GOLD ZINC	2	-
2	SS-1020 RETAINING WASHER, 10GA X 2.12 DIA	8	
3	SS-1031-K DUROFLEX BUSHING, 2.63D X 2.62L X .57ID	4	
4	SS-1034 FORGED 2.63IN DUROFLEX SPUD, STRAIGHT	2	
5	SS-1050 INT RET RING, 2.13 BORE YEL ZINC	6	
6	WM-5054 WELDMENT, LOWER ADJ CONTROL ARM TJ-LJ	2	



16 1/8"

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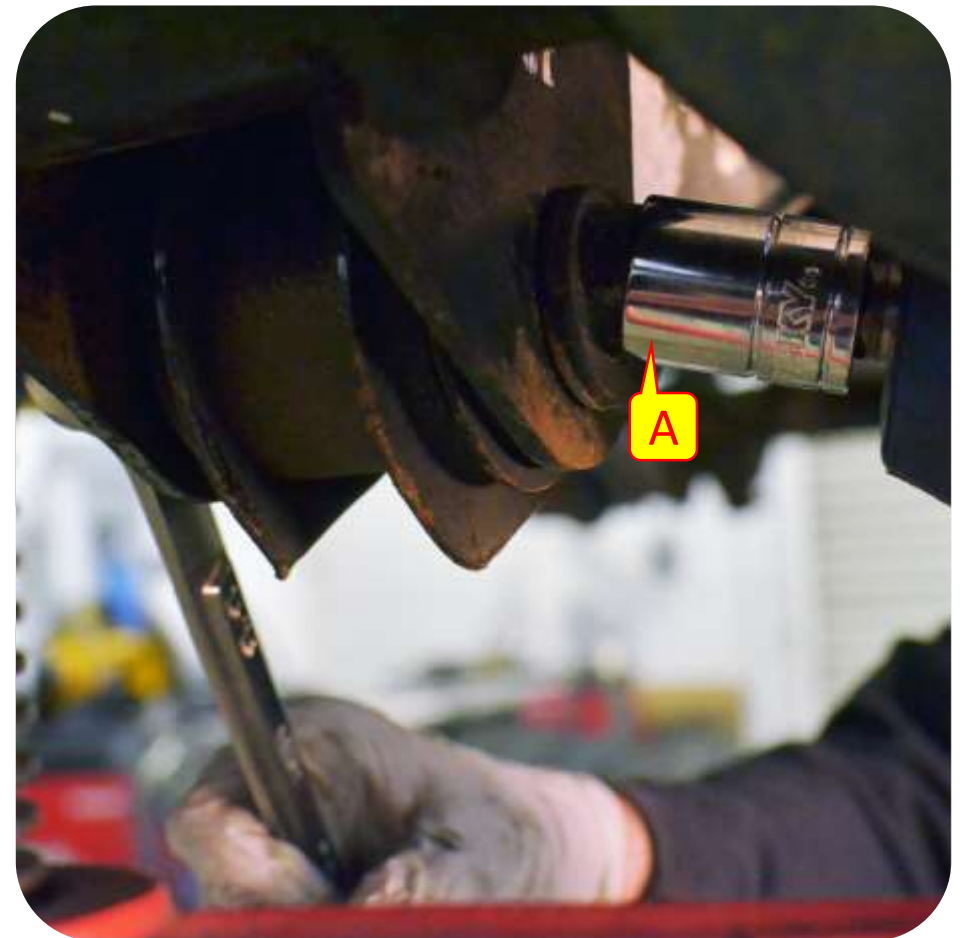
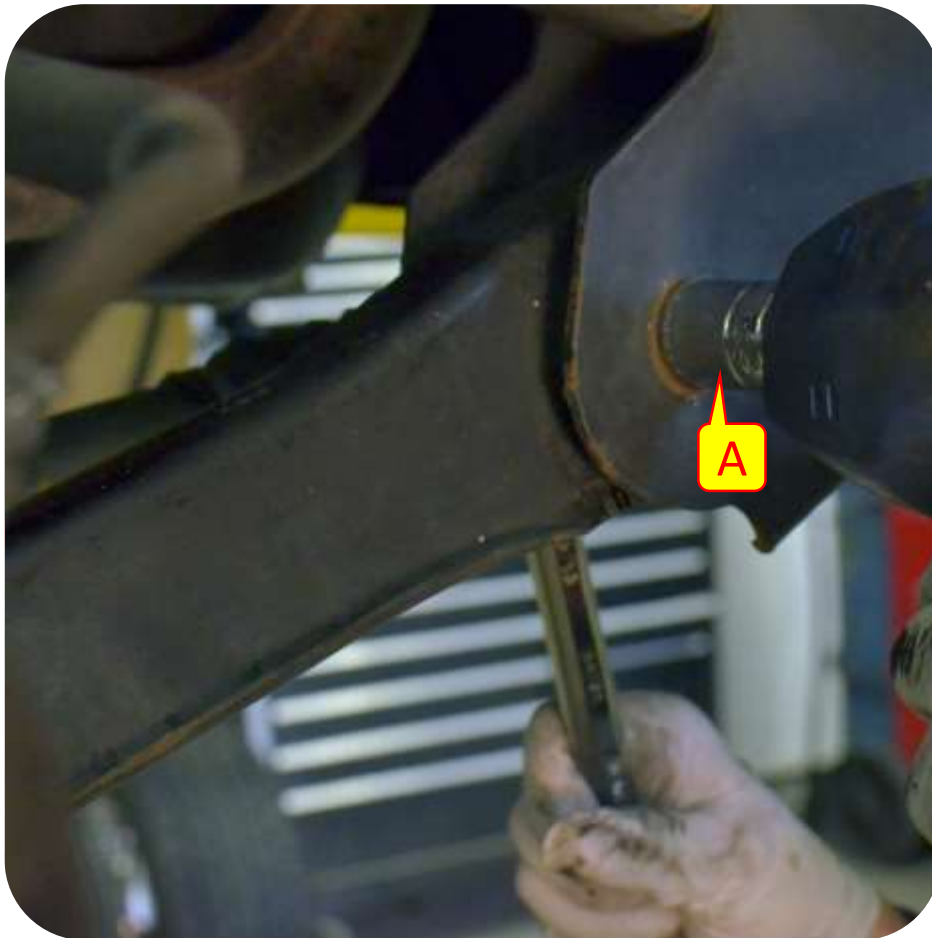
Metal Cloak
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PART NUMBER/DESCRIPTION
 7050 CONTROL ARMS, LOWER TJ-LJ

Section 3: Installation Instructions

Step 2: Disconnect Front Lower Control Arm

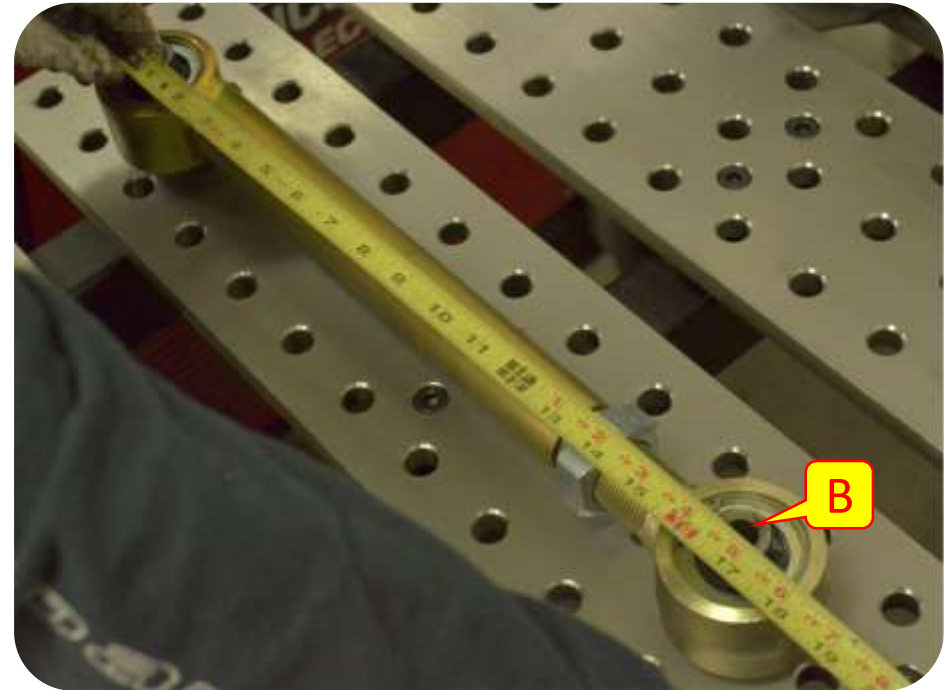
- A. Remove one factory lower control arm using a 21mm socket and wrench. It is a good idea to mark the lower cam bolt in its original location so that you can install it back in the way it came out. You will need to save the hardware for re-use.



Section 3: Installation Instructions

Step 3: Install MetalCloak Lower Front Control Arms

- B. Set the new control arms to the suggested lengths as shown in the chart.
- C. Install lower control arm using factory hardware with the jam nut at the frame.
- D. Repeat steps for the other side.



Traditional Single Adjustable Duroflex Control Arms

Part #	Location	3.5" Kit Length	Minimum	Maximum
7050	Lower Front	16.63"	15.5"	16.63"
7050	Lower Rear	16"	15.5"	16.63"
7051	Upper Front	15"	14.88"	15.63"
7052	Upper Rear	14"	13.5"	14.63"

Note: *These measurements are just a starting point, the final length varies between vehicles.*

