



Installation Instructions



PRODUCT: Control Arm Drop Brackets

REV: C | 11-30-2017 | II-7073

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.

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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.



Socket & Ratchet Wrench

Socket Extension



18mm Socket/Wrench
19mm Socket/Wrench
21mm Socket/Wrench
22mm Socket/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

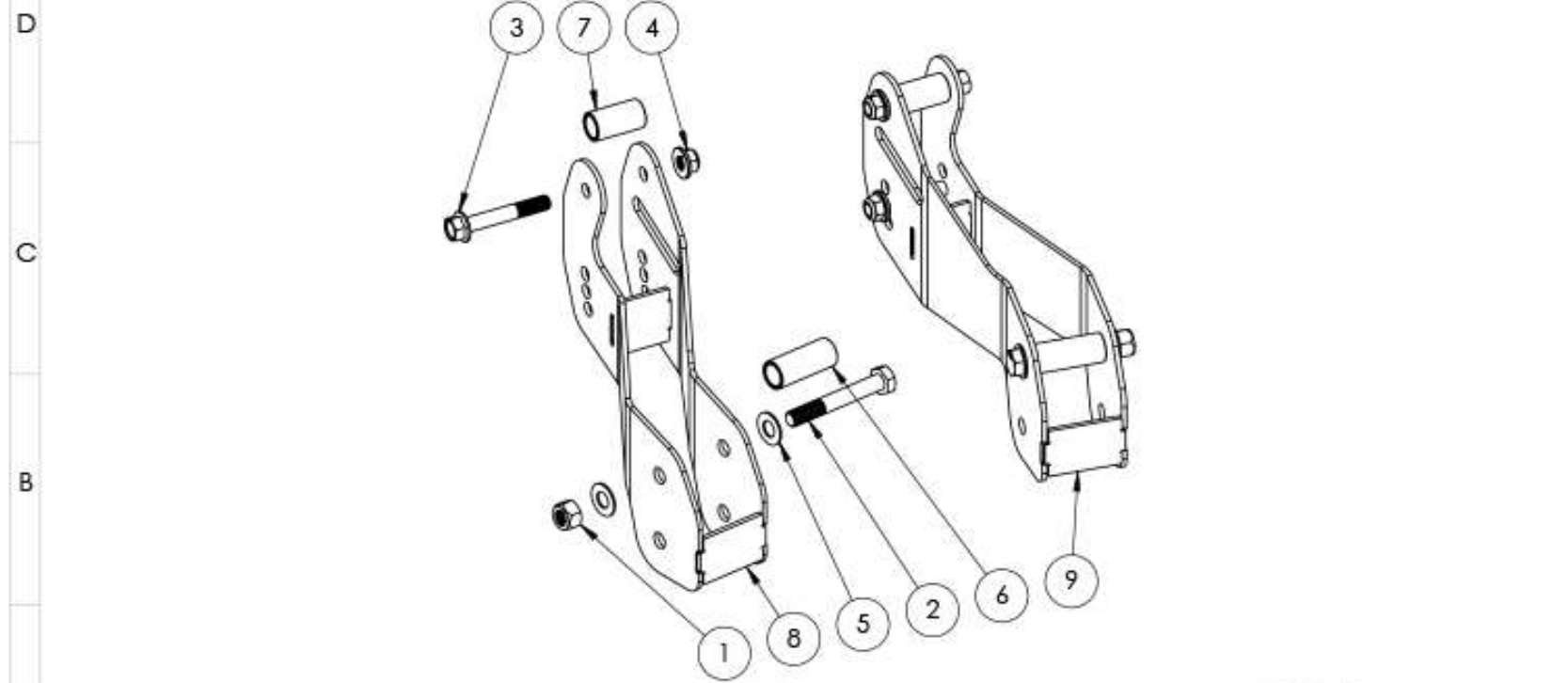
QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components

DC-0001 REVA

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.	BIN
1	FM-14126 TOPLOCK NUT, M14-2.0 X 14H STL C10 ZINC	2	-
2	FM-14155 HHCS, M14-2.0 X 100L STL C10.9 ZINC	2	-
3	FS-08125 HHCS FLANGE, 0.5-13 X 3.25L STL G8 ZINC	3	-
4	FS-08127 NYLOCK FLANGE NUT, 0.5-13 X 0.56H STL GF ZINC	3	F6
5	FS-09119 WASHER, 0.59ID X 1.16OD 0.10TH STL GOLD ZINC	4	-
6	SS-1134 LOWER SPACER, CONTROL ARM DROP, FRONT JK	2	
7	SS-1135 UPPER SPACER, CONTROL ARM DROP, FRONT JK	2	
8	WM-5063 WELDMENT, CONTROL ARM 2.5IN DROP BRACKET, FRONT JK	1	
9	WM-5063-P WELDMENT, CONTROL ARM 2.5IN DROP BRACKET, FRONT JK	1	



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Metal Cloak
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PART NUMBER DESCRIPTION
 7073 CONTROL ARM 2.5IN DROP BRACKET KIT, FRONT JK

Section 3: Installation Instructions



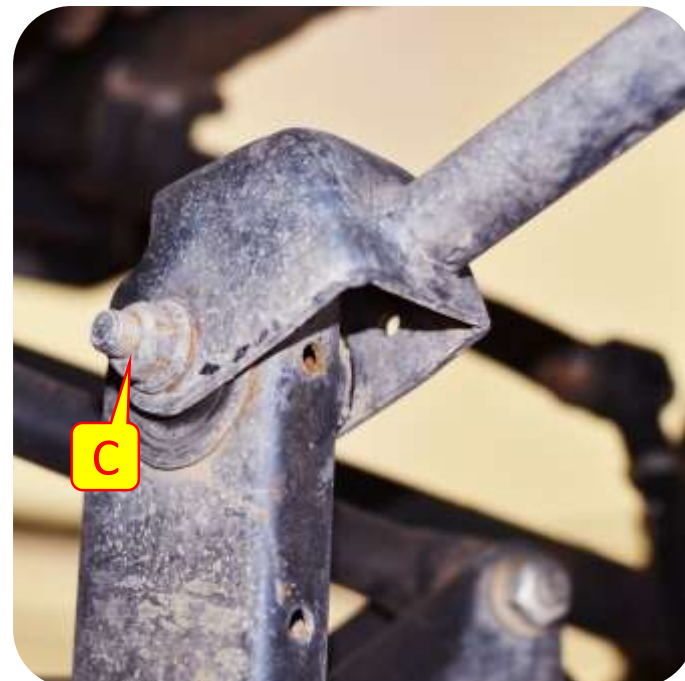
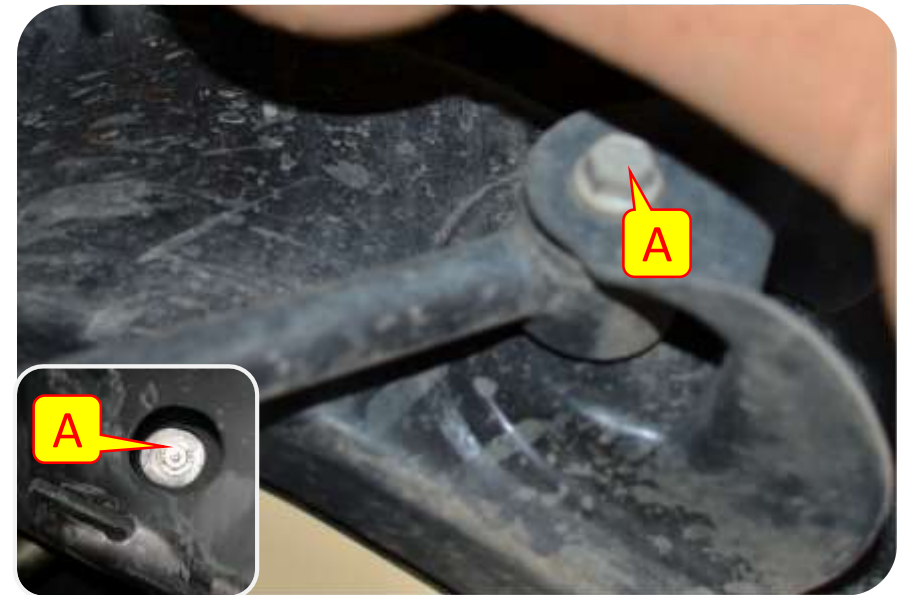
BEFORE YOU START: *Removing the stock control arms is a very straight-forward procedure. You may need to unbolt other components (shocks, sway-bar links, etc.) to get enough droop out of your suspension to remove or re-install the arms. Be aware of items like brake lines or electrical locker wires so as not to stress these components as the suspension droops.*

The following steps are important notes on orientation and installation, but not every step is covered (some basic knowledge is assumed). The order in which you replace the arms is not critical, but we do recommend that you swap them in pairs (i.e. both front uppers, then both front lowers, etc.) as this maintains maximum stability of the axles during installation.

Section 3: Installation Instructions

Step 1: Front Upper Arms

- A. Use an 18mm socket & wrench to remove the Front Upper Control Arm upper bolt. You will need a socket extension to access the head of the upper bolt inside the frame. Keep all hardware.
- B. The exhaust on the passenger side of some models interferes with removal of the upper bolt. Cut the stock bolt (*This bolt will be replaced with a bolt and nut provided by MetalCloak*).
- C. Use a 18mm socket & wrench to remove the front upper control arm lower bolt. Keep all hardware.



Section 3: Installation Instructions

Step 2: Front Lower Arms

- D. Use a 21mm socket and wrench to remove the stock hardware and front lower control arms. Save all hardware.
- E. Slide the drop bracket between the stock control arm brackets so that one side of the drop bracket is on the outside of the stock control arm bracket.



Section 3: Installation Instructions

Step 3: Drop Down Bracket

- F. Bolt the lower part of the drop bracket into place using the provided hardware. Use a 22mm socket and wrench. Make sure to insert the provided spacer into the drop bracket before installing the provided bolt into the stock control arm bracket holes.
- G. Bolt the upper part of the drop bracket into place using the provided hardware. Use a 19mm socket and wrench. Make sure to insert the provided spacer into the drop bracket before installing the provided bolt into the stock control arm bracket holes.

Important Note: Install the upper front control arm bolt from the outside of frame and the nut inside the frame. You will need a socket extension to access the head of the upper bolt inside the frame.



Section 3: Installation Instructions



Step 4: Control Arm Re-installation

- H. Using a 18mm socket and wrench install the Upper Front stock control arms into the drop bracket using the stock hardware (Use a 19mm socket and wrench for the provided hardware for the passenger side upper bolt).
- I. Reinstall the Lower Front stock control Arm into the drop bracket using a 21mm socket and wrench.

Note: the Upper front control arm hole location depends on the size of your lift. The upper hole is for 2.5" lifts the middle hole is for 3" lifts and the bottom hole is for 4" lifts.

Note: The lock nuts should be towards the front, at the frame mount for both upper and lower control arms.

