



Installation Instructions



PRODUCT: JK Lock-N-Load

REV: A | 06-26-2017 | II-7232

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



Socket & Ratchet Wrench

17mm Hex socket
19mm Hex socket



17mm Wrench 19mm Wrench
1 ¼" Wrench 1 ½" Wrench

Torque Wrench



Vice



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.	BIN
1	FA-1031 DIE SPRING, 1.06ID X 1.96OD X 2.5L	2	-
2	FM-10138 HHCS, M10-1.5 x 90L STL C10.9 ZINC	1	-
3	FM-10139 WASHER, 10.5ID X 20OD X 1.8TH STL ZINC	2	F5
4	FM-10140 TOPLOCK NUT, M10-1.5L X 8H STL C10 ZINC	1	-
5	FS-08125 HHCS FLANGE, 0.5-13 X 3.25L STL G8 ZINC	1	-
6	FS-08127 NYLOCK FLANGE NUT, 0.5-13 X 0.56H STL GF ZINC	1	F6
7	FS-16121 JAM NUT, 1.0-14 X 0.55H STL G5 ZINC	1	-
8	SS-0800 SLIDE BEARING, SQUARE	1	-
9	SS-0801 SLIDE BEARING, ROUND	1	-
10	SS-0805 SQUARE NUT, 1.0-7 THREAD	1	-
11	SS-0806 LOCKING SHAFT, 1.0-7 THREAD	1	-
12	SS-1023 RETAINING WASHER, 1.87 DIA	2	-
13	SS-1032 DUROFLEX BUSHING, 2.25D X 2.0L X .50ID	1	-
14	SS-1051 INT RET RING, 1.87 BORE YEL ZINC	2	-
15	WM-5800 WELDMENT, LOCK-N-LOAD HOUSING	1	-
16	WM-5801 DUROFLEX JOINT, 2.25 HOUSING 1.0 SPUD X 4.75L	1	-

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DO NOT SCALE DRAWING

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PART NUMBER 7075 LOCK-N-LOAD RADIUS ARM LINK
DESCRIPTION

Section 3: Installation Instructions

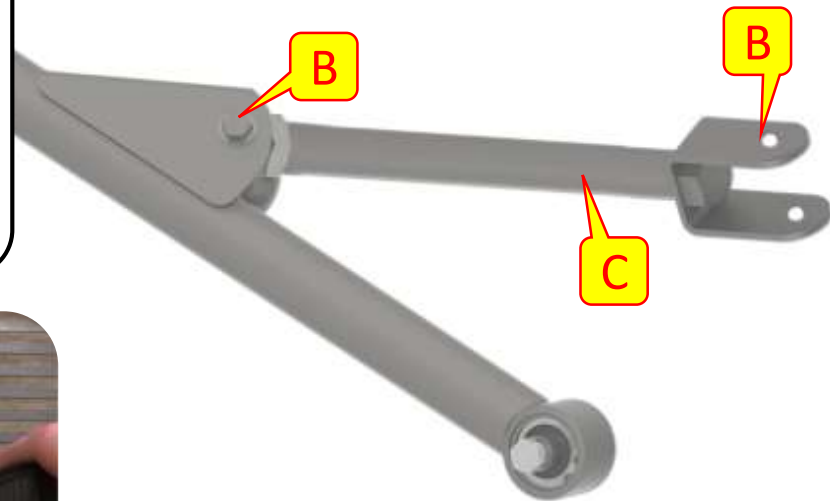


Note: *These Instructions are for the Lock-N-Load upper control arm. The Lock-N-Load was designed specifically for radius arm suspensions. The Lock-N-Load control arm is for use on radius arm suspensions and is **ONLY** installed on the passenger side upper control arm location.*

Section 3: Installation Instructions

Step 1: Preparation for Lock-N-Load

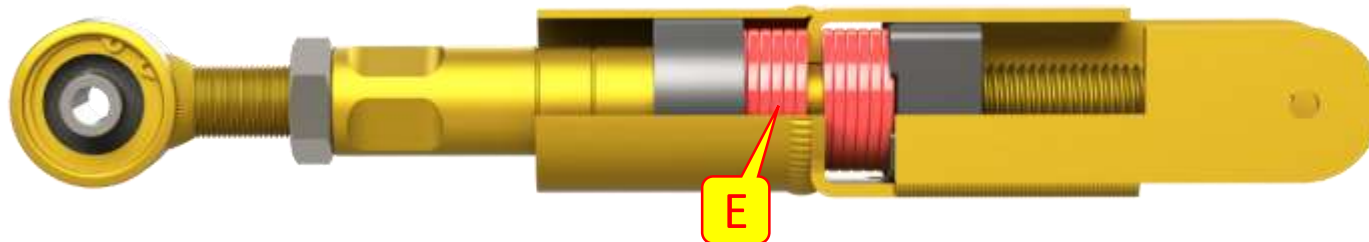
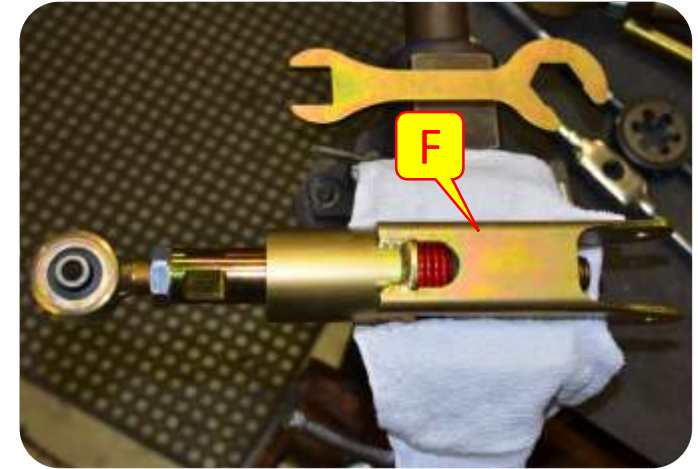
- A. With Jeep on flat surface block front and rear wheels to keep from moving.
- B. Remove the bolts holding in the upper control arm on the passenger side.
- C. Remove control arm.
- D. Measure the length of the passenger side control arm from eye to eye (this measurement is what you will set the Lock-N-Load to).



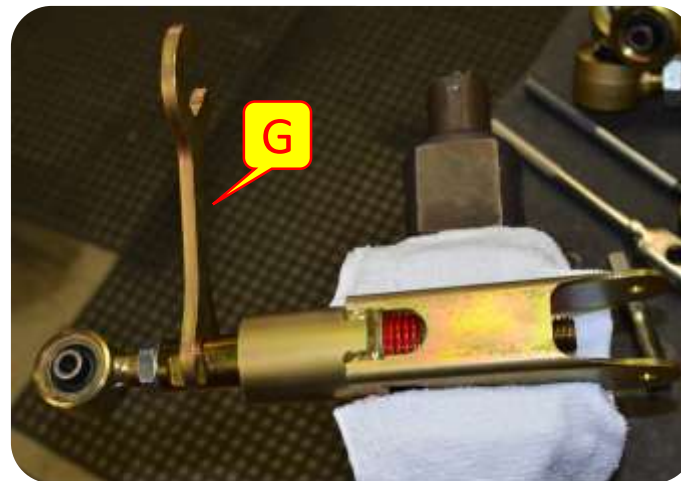
Section 3: Installation Instructions

Step 2: Install Lock-N-Load

- E. Take the Lock-N-Load control arm and make sure that it is in the Locked position (*springs are completely compressed*).
- F. If the Lock-N-Load is not in the locked position you may place the square section of the Lock-N-Load body in a vise and gently clamp to hold.
- G. Using an 1 ¼" wrench turn the adjustment of the control arm clockwise until the line on the arm corresponds with the lock position.
- H. Adjust the coupler on the control arm to 16¼" eye to eye (this is a starting point. Arm lengths may vary and tighten jam nut with a 1 ½" wrench).



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Section 3: Installation Instructions



Step 2: Install Lock-N-Load

- I. Install the squared section of the Lock-N-Load into the axle bracket and attach with given hardware.
- J. Place back side of control arm into the radius arm bracket and attach with Lock-N-Load hardware.
- K. Torque to spec (75lbs).



Note: To unlock for off-road use loosen jam nut and spin Lock-N-Load adjuster until corresponding line shows unlocked; Tighten jam nut and go wheeling.

