



PRODUCT: TJ/LJ Coil Sets

REV: A | 04-18-2016 | II-Coils

**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

T40 & T55 Torx Socket



15MM Box Wrench
19MM Box Wrench

1/2" Socket
18MM Socket
19MM Socket



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).

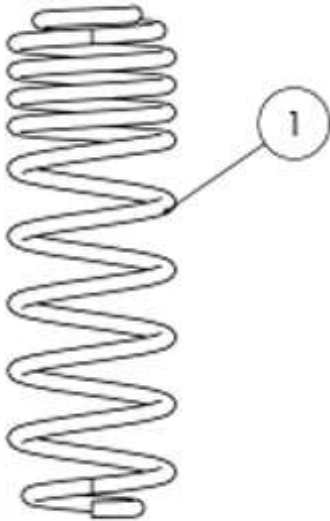
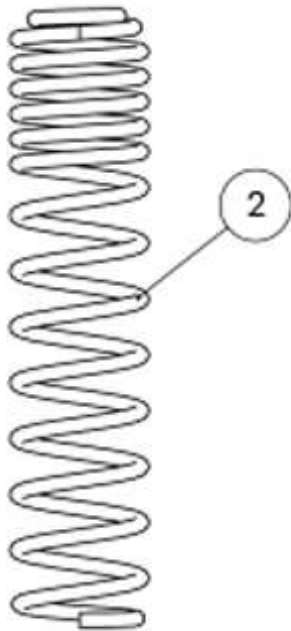
Options: Because of the number of component options we offer, these instructions may contain steps that will not match your particular configuration. You can skip these steps.

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



Section 3: Installation Instructions

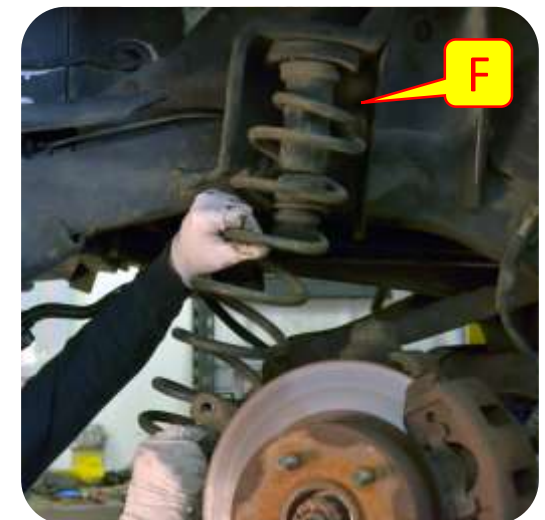
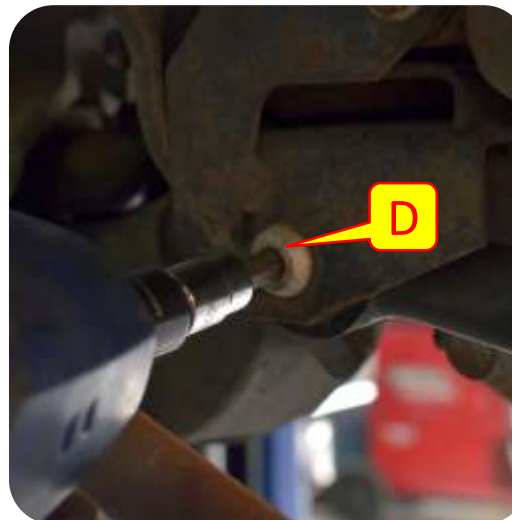
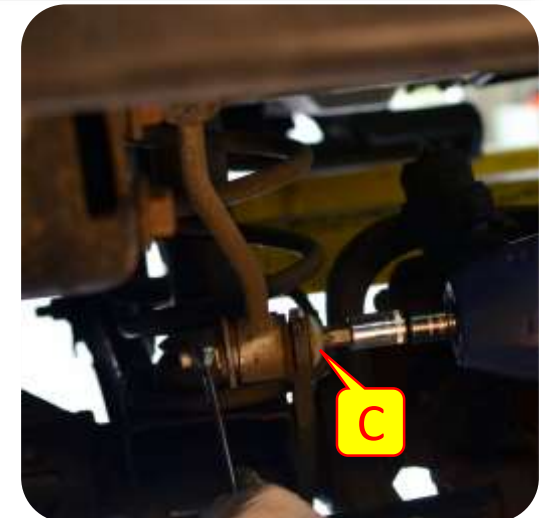
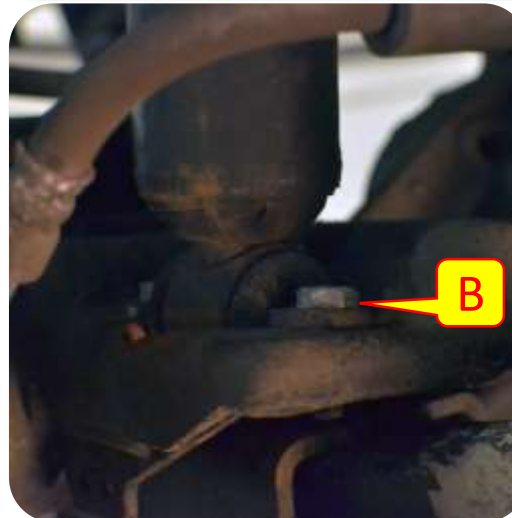


Step 1: Disconnect Stock Components

Important Note: MetalCloak does not recommend powder coating your True Dual Rate Coils. The baking process in powder coating can, in some cases, cause the metallurgical properties of the coils to be changed, resulting in the loss of the lift properties of the coils. As such, the process of powder coating the coils will void any warranty stated or implied in relation to the coils.

Note: If you do not know how to lift a vehicle safely do not attempt this installation!

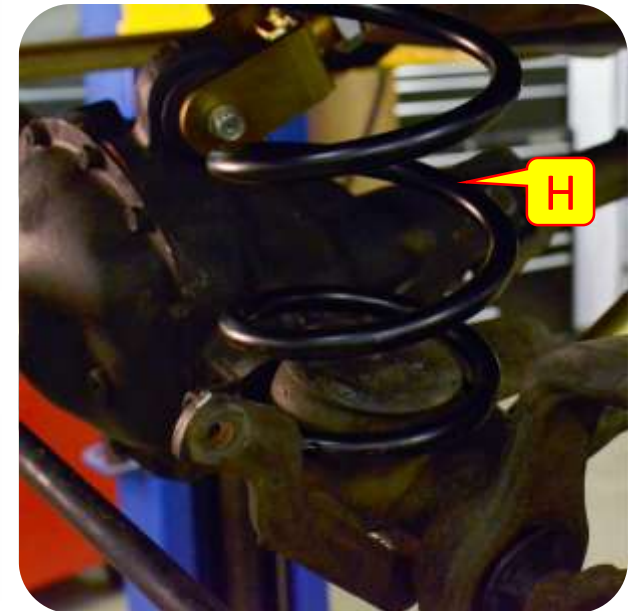
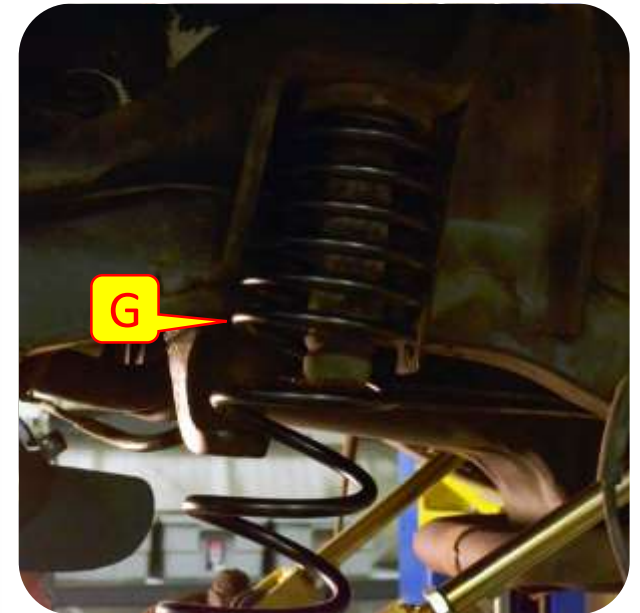
- A. Lift the front of the Jeep up by the frame. You may need to remove front wheels for easier access and allow the axle to drop to the extended limits of travel.
- B. Disconnect the shocks from the axle using a 1/2" socket
- C. Disconnect the sway bar end links at the axle using a T40 torx socket and 15mm wrench.
- D. Disconnect the front track bar at the axle using a T55 Torx socket & wrench
- E. Lower axle, be sure to watch the brake lines (ABS lines if equipped) so that they do not get over extended when lowering.
- F. Remove stock springs, and any spacers that have been used if vehicle has been previously lifted.



Section 3: Installation Instructions

Step 2: Install Front Coils

- G. Install coil springs, you may need to drop the lower control arm from the axle to get the axle to drop down far enough to get the coil spring in.
- H. Reinstall all disconnected components.
- I. Reinstall the wheels and lower the vehicle.



Note: MetalCloak recommends a vehicle alignment after suspension modifications.

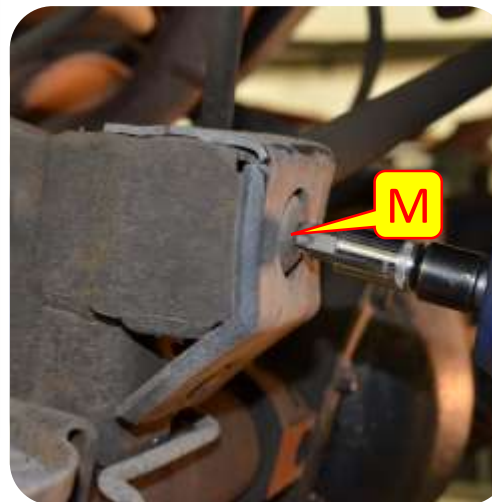
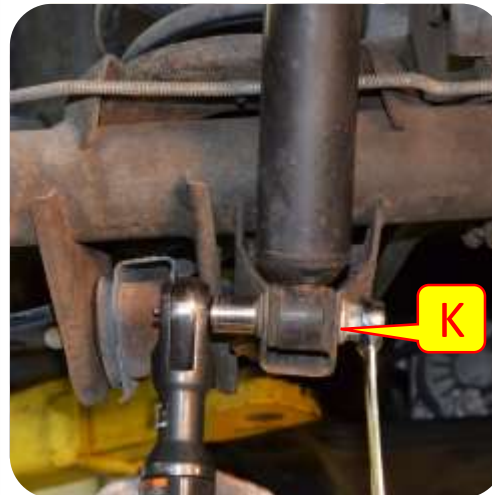
Section 3: Installation Instructions



Step 3: Disconnect Stock Components

- J. Lift the rear of the Jeep up by the frame. You may need to remove rear wheels for easier access and allow the axle to drop to the extended limits of travel.
- K. Disconnect the shocks from the axle using a 1/2" socket
- L. Disconnect the sway bar end links at the axle using a T40 torx socket and 15mm wrench.
- M. Disconnect the front track bar at the axle using a T55 Torx socket & wrench
- N. Lower axle, be sure to watch the brake lines (ABS lines if equipped) so that they do not get over extended when lowering.
- O. Remove stock springs, and any spacers that have been used if vehicle has been previously lifted.

Note: If you do not know how to lift a vehicle safely do not attempt this installation!



Section 3: Installation Instructions

Step 4: Install Rear Coils

- P. Install coil springs, you may need to drop the lower control arm from the axle to get the axle to drop down far enough to get the coil spring in.
- Q. Reinstall all disconnected components.
- R. Reinstall the wheels and lower the vehicle.



Note: *MetalCloak recommends a vehicle alignment after suspension modifications.*