



Installation Instructions



**PRODUCT: EVAP Canister Relocation Kit: Late Model**

REV: D | 10-29-2018 | II-3370

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



Socket & Ratchet Wrench

13mm Socket  
16mm Socket



10mm wrench  
9/16" Wrench

Electric Drill



17/32" Drill Bit

MetalCloak Rivet Nut Tool



**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](mailto:techhelp@metalcloak.com)

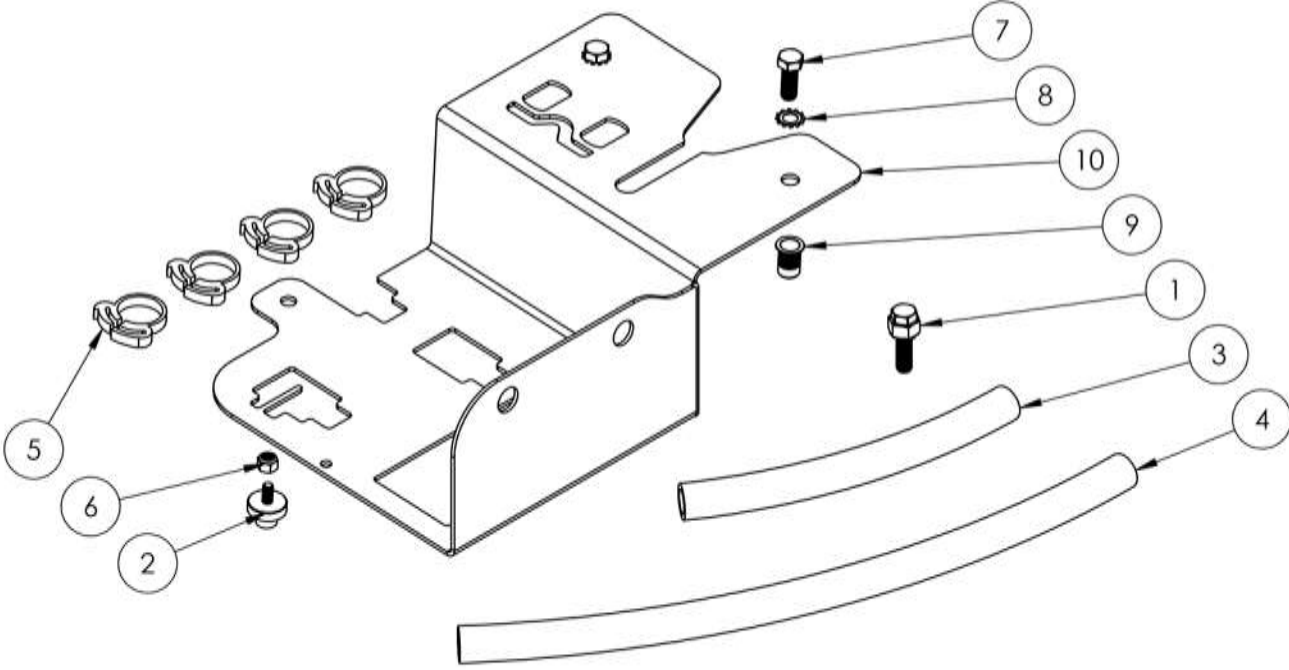
**QUESTIONS:** Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

## Section 2: Product Components

DC-0001 REV A

SHEET 1 OF 1

| ITEM | PART NUMBER/DESCRIPTION                                          | QTY. | BIN |
|------|------------------------------------------------------------------|------|-----|
| 1    | 8999 INSTALLATION TOOL, 0.38-16 RIVET NUT                        | 1    |     |
| 2    | FA-1021 RUBBER BUMPER 0.63OD X 0.94FLANGE X 0.65H, 0.25-20 STUD  | 1    | A15 |
| 3    | FA-1033-09 EVAP HOSE, .63ID X 9L                                 | 1    | -   |
| 4    | FA-1033-18 EVAP HOSE, .63ID X 18L                                | 1    | -   |
| 5    | FA-2109 SNAP-GRIP NYLON HOSE CLAMP, .875ID                       | 4    |     |
| 6    | FS-04005 NYLOCK NUT, 0.25-20 X 0.31H STL GF ZINC                 | 1    | B12 |
| 7    | FS-06031 HHCS, 0.38-16 X 1.0L STL G5 ZINC                        | 2    | C1  |
| 8    | FS-06034 LOCK WASHER EXT TOOTH, 0.39ID X 0.69OD X .04TH STL ZINC | 2    | A29 |
| 9    | FS-06049 RIVET NUT, 0.38-16 X 0.31GRIP STL G5 GOLD ZINC          | 2    | C25 |
| 10   | WM-3090 WELDMENT, EVAP RELOCATION BRACKET, JK                    | 1    |     |

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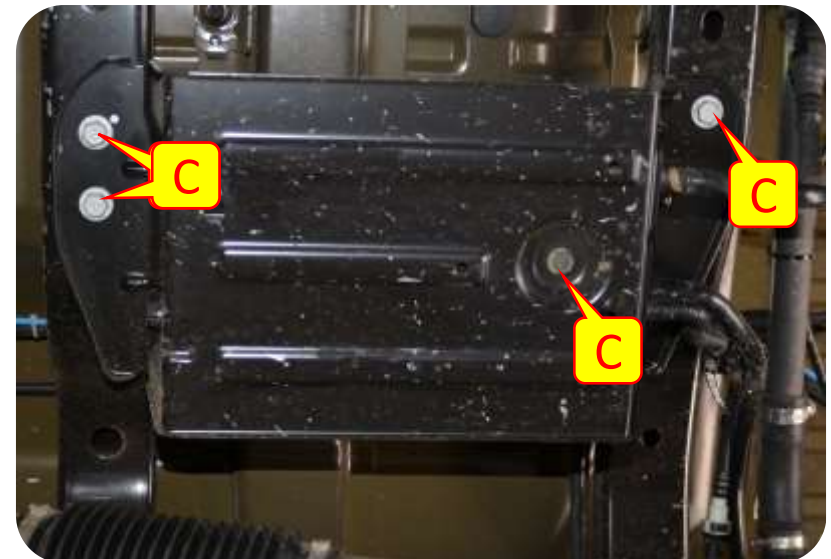
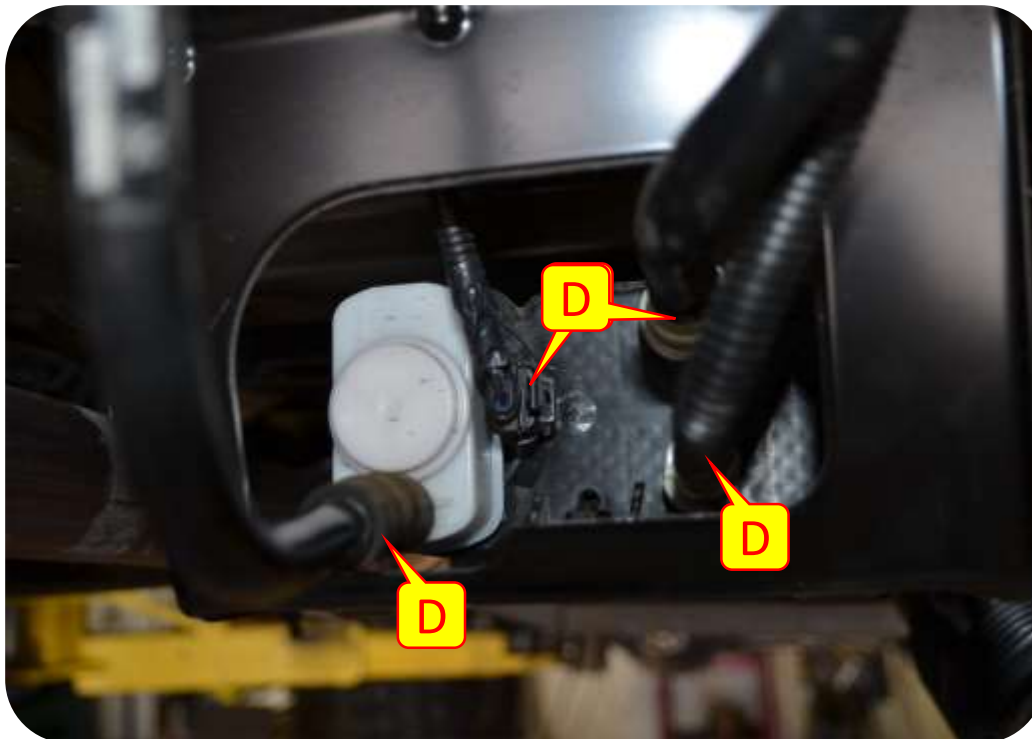
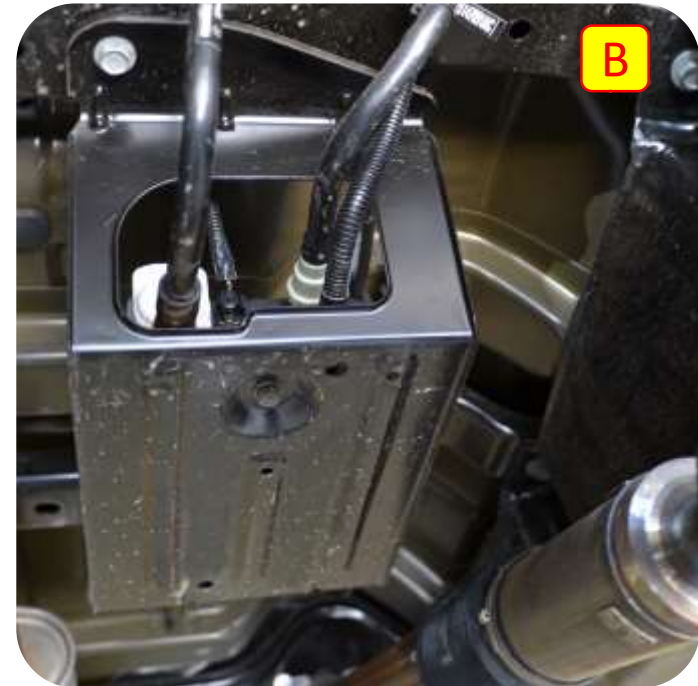
**Metal Cloak**  
 A DIVISION OF ARMORED WORKS, LLC

**PART NUMBER/DESCRIPTION**  
 3370 EVAP CANISTER RELOCATION KIT, JK

## Section 3: Installation Instructions

### Step 1: Remove EVAP Canister

- A. Lift vehicle and support with jack stands
- B. Locate the EVAP canister under the vehicle (*by the rear driveshaft*).
- C. Unbolt the EVAP cover plate & bolt holding the EVAP canister using a 16mm socket wrench before disconnecting the hoses and wiring harness for easier access.
- D. Disconnect the wiring and hoses



## Section 3: Installation Instructions

### Step 2: Install Relocation Bracket

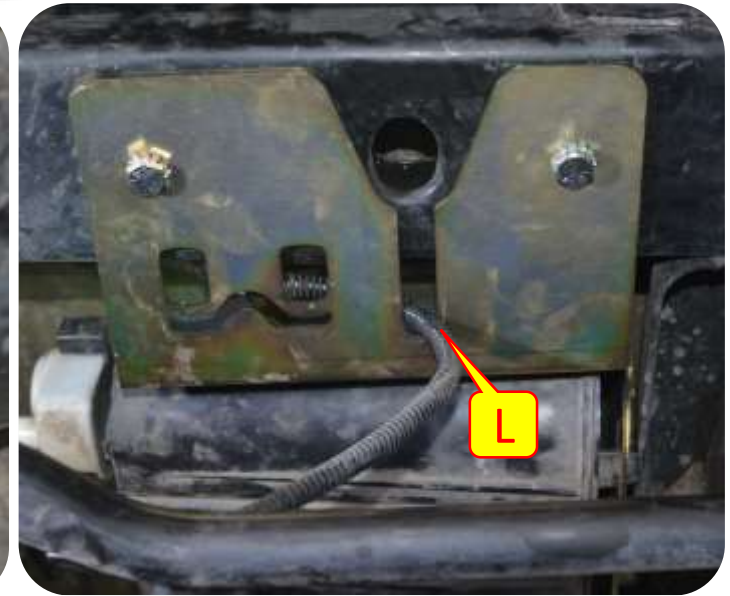
- E. Using a 10mm wrench install the rubber bumper and nut.
- F. Place the MetalCloak relocation bracket on the cross member (*behind the rear axle*) and use the bracket as a template to mark the holes.
- G. Using a 17/32" drill bit drill holes for the provided rivet nuts.
- H. Using the provided installation tool install the rivet nuts.



## Section 3: Installation Instructions

### Step 2: Install Relocation Bracket

- I. Remove the zip tie and tape from the wire conduit.
- J. Using a knife gently open the plastic casing to expose the wires.
- K. Pull the wires to extend the wiring harness. Once extended use electrical tape to rewrap the exposed wires.
- L. Slip the extended wiring through the slot on the relocation bracket and install the two bolts into the rivet nuts.



## Section 3: Installation Instructions

### Step 2: Install Relocation Bracket

- I. For Late model Jeeps (2012 – Current) clock the sensor by rotating the sensor 180 degrees.
- J. Install the EVAP canister into the cut outs on the bracket and install the rear bolt
- K. Connect the hard lines
- L. Connect the Electrical Line
- M. Replace the stock short rubber tube with the extended tube provided by MetalCloak use clamps to attach evap hose pieces securely; parts shown as (3) & (4) in diagram on page 3.

