



**METALCLOAK**

# INSTALLATION INSTRUCTIONS

**PRODUCT: JK FRONT INNER FENDER WELLS**

REV: A | 01-14-11 | II-3290

**READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.**

**QUESTIONS? CALL 916-631-8071 M-F 8:00 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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**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.

## Phase 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



7/32" Allen Drive Socket



9/16" Crescent and/or Box Wrench



10MM Hex Drive Socket



Electric or Cordless Drill



"X" Drill  
(or 25/64" Drill)

**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 call us at 916-631-8071 M-F 8:00 AM – 5:00 PM PST, or email [techhelp@metalcloak.com](mailto:techhelp@metalcloak.com)

**HOW TO USE THIS GUIDE:** The installation guide contains ALL steps for installion. Please read and follow the instructions in order of each page top to bottom.

**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.

**QUESTIONS:** Any questions or comments about the instructions? Call us at 916-631-8071 M-F 8:00 AM – 5:00 PM PST.

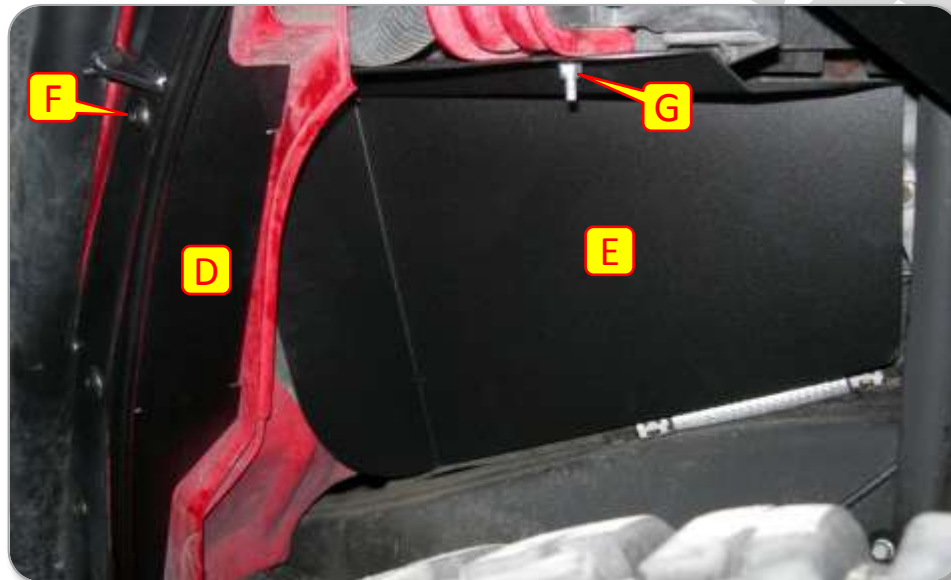
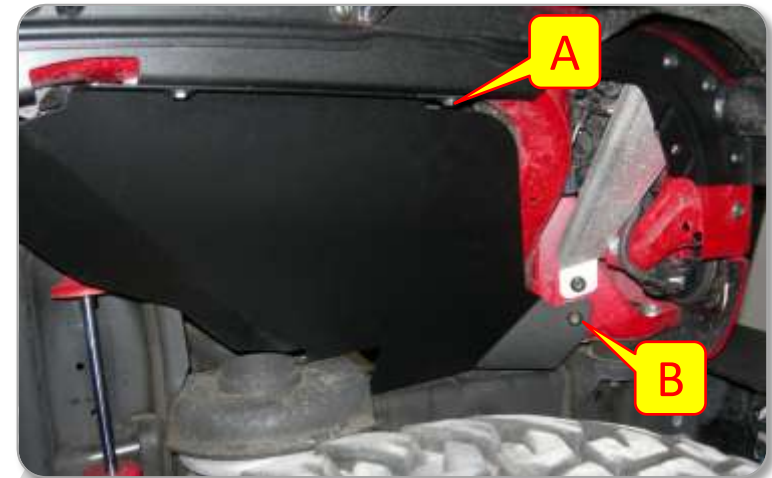
## Phase 2: Installation

### Step 1: Install Front Inner Fender Well

If you are doing this install as an upgrade from the stock plastic inner fender wells, but already have the MetalCloak Overline Fender system installed, completely remove the stock inner fender wells, and **SAVE ALL HARDWARE!** If you are doing this install at the same time as your Overline Fender installation, install the Inner Fender Wells prior to tightening all hardware so that you do not have to remove any components to accommodate the Fender Wells.



- 1) Use a 10MM Socket to remove the two M6 bolts [A] that pass through the Top Fender Support Bracket into the frame.
- 2) Install the Front Inner Fender Well, but do not fully tighten bolts. Drill a hole through the tub mount [B] using the "X" Drill; you can leave the Fender Well in place to drill this hole (quickest), or mark it and remove the part to drill the hole (cleanest).
- 3) Install the provided 3/8"-16 x 1" Socket Button Screw, backed by a 3/8" Washer and Nylon Lock Nut. *This is a tight fit! In instances of limited access, it can be helpful to use masking tape on the wrench to hold the nut in place to start the threads [C].*
- 4) Fully tighten hardware on Front Inner Fender Well.



- 1) The Inner Fender Panel [D] and Rear Inner Fender Well [E] are designed to work with the 3/8"-16 x 4" Socket Button Screws [F] in the Overline Fender Kit. If necessary, remove these screws.
- 2) Use a 10MM Socket to install the M6 Nut [G] on the Rear Inner Fender Well. You can use the stock nut, or the provided M6 Nylon Lock Nut and 1/4" Washer.
- 3) Feed the 4" Socket Button Screws through the Inner Fender Panel, the Aluminum stand-offs, the drilled holes in the tub. *The top screw will go through the slot in the Rear Inner Fender Well as well.*
- 4) Re-install the 3/8" Washers and 3/8"-16 Nylon Lock Nuts.
- 5) Fully tighten all hardware.