



## PRODUCT: JL Wrangler Billet Fender Vents

REV: A | 07-11-2022 | II-6965

**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.



Needle Nose Pliers

5/32" Allen Wrench



Phillips Head Screwdriver

Pick



**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 B

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	CP-6046 FENDER VENT, JL	1
2	CP-6046-D FENDER VENT, DRIVER SIDE, JL	1
3	CP-6047 FENDER VENT COVER, JL	1
4	CP-6047-D FENDER VENT COVER, DRIVERS SIDE, JL	1
5	CP-6048 BACKING PLATE, FENDER VENT, JL	2
6	HK-6965	
7	FS-02362 PHCS CROSS, 10-32 X 0.50L SS 18-8 PASSIVATED	6
8	FS-00332 SBHCS, 6-32 X .1875L STL BLACK ZINC	6

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**METAL CLOAK**  
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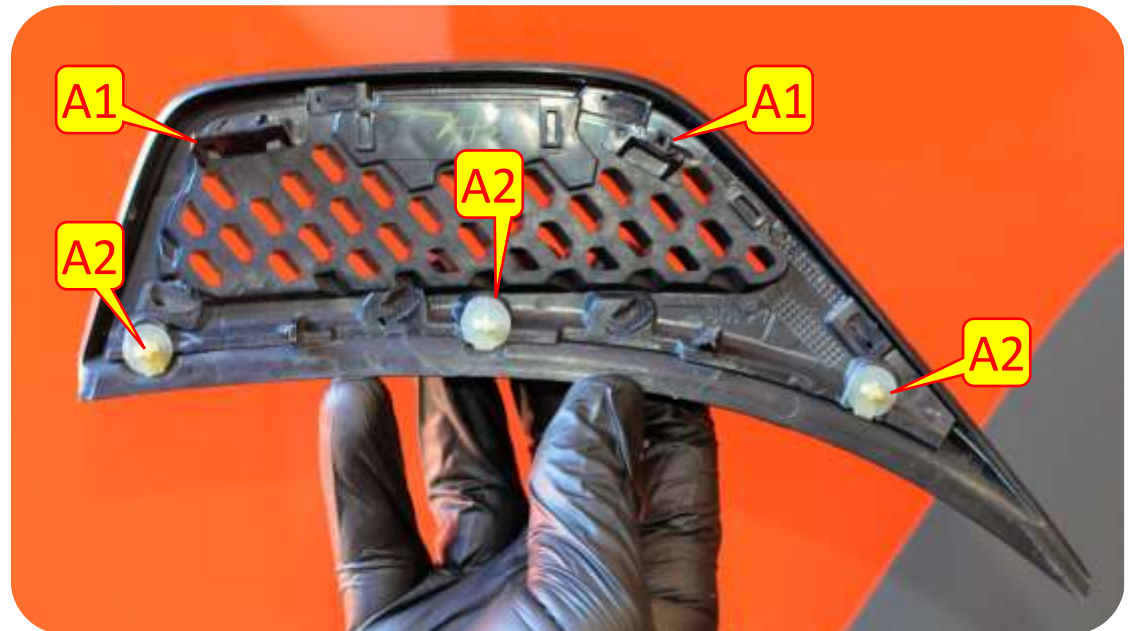
**PART NUMBER/DESCRIPTION** 6965 BILLET FENDER VENTS, JL

## Section 3: Installation Instructions

### Step 1: Remove Stock Vents

- A. Remove the stock vents by reaching inside the wheel well with a 90-degree O-ring pick or similar shaped tool and release the five fastenings. It may be necessary to keep outward pressure on the vent to prevent the tabs from re-engaging.

**Note:** There are five fastening features on the stock JL/JT fender vents; two molded in plastic tabs (A1) should be released first and MetalCloak recommends using a pair of needle nose pliers on the three push-in fasteners (A2).





## Section 3: Installation Instructions

### Step 2: Installing Billet Backing Plate

- B. Remove the vent from the quarter panel.
- C. Put your thumb and index finger through the lower hole of the billet vent and grab the vent backing plate with them so that you are holding both parts.
- D. Slide the backing plate into the lower hole of the quarter panel taking care not to drop the backing plate into the panel. Once the plate is inside the quarter panel, Hold the backing plate out against the quarter panel with your index finger while sliding the billet vent into place.

**Note:** It may be useful to loop a recovery string or wire through one of the screw holes on the vent backing plate until the first screw is installed.



## Section 3: Installation Instructions

### Step 3: Installing Billet Vent & Cover Plate

- E. Using a Phillips head screwdriver loosely install the billet vent to the backing plate with the countersunk screws.
- F. Adjust the position of the vent and tighten the screws to secure the vent.
- G. Using a 5/32" allen wrench install the vent cover plate with the provided allen bolts.

