



## PRODUCT: TJ/LJ Rear Bumper Base

REV: B | 07-01-2015 | II-2801

**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

16mm or 5/8" Socket/Wrench  
19mm or 3/4" Socket/Wrench



19mm or 3/4" Box Wrench



**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

	1	2	3	4	5	6	7	8	
					<b>ITEM</b>	<b>PART NUMBER/DESCRIPTION</b>			<b>QTY.</b>
					1	WM-0800 WELDMENT, REAR BUMPER BASE, TJ			1
					2	FA-0100 HHCSCREW, 0.5-13 x 1.25L UNC GRD 8 ZINC PLTD			4
					3	FA-0038 WASHER, .53ID X 1.06OD X .074TH ZNC PLT			6
					4	FA-0065 FLANGE HEX LOCKNUT, 0.5-13 X 1.03FLG ZNC PLTD			4

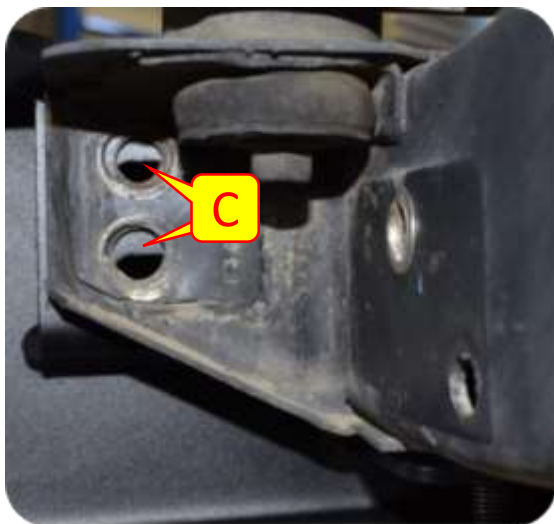
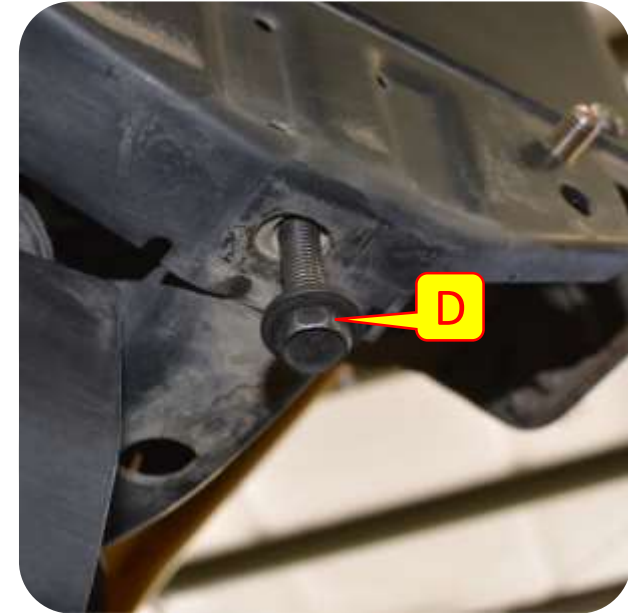
  
  

<b>A</b>	<b>TOLERANCES UNLESS OTHERWISE SPECIFIED</b>				THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ARMORED WORKS, LLC. UNAUTHORIZED REPRODUCTION IS PROHIBITED. <b>DO NOT SCALE DRAWING</b>			
	DIMENSIONS ARE IN INCHES	DECIMAL	FRACTION	ANGULAR				SURFACE
	ANGLES ARE 90 DEG UNLESS OTHERWISE SPECIFIED	XX +/- .010 .XXX +/- .005	+/- 1/16	+/- 1 DEG				32
	<b>CURRENT REVISION</b>	[C][BAM][03/08/13] ELIMINATE CAPS				<b>PART NUMBER</b>	2801 REAR BUMPER BASE, STEEL TJ	
	<b>PREVIOUS REVISION</b>	[B][BAM][06/14/12] COST REDUCTION; ELIMINATE C-J				<b>DESCRIPTION</b>		

## Section 3: Installation Instructions

### Step 1: Remove Stock Bumper

- A. Remove the spare from the rear tire mount. Even if you're not installing the MetalCloak Tire Carrier, this will give you some additional room to work.
- B. Disconnect the third brake light and stow the wires, or relocate if desired.
- C. Remove the stock screws from the outside frame rail. You will not reuse this hardware.
- D. Remove the two bottom bolts from under the frame using a 16mm socket. Save this hardware.
- E. Remove the stock steel bumper and set aside.



## Section 3: Installation Instructions



### Step 2: Install MetalCloak Bumper Frame-Built Rear Bumper



- F. Align the MetalCloak Rear Bumper to the Jeep frame.
- G. Using a 16mm socket install the two bottom bolts from under the frame mount the MetalCloak Rear Bumper.
- H. Install provided bolt and washer using a 3/4" socket on the bolt head and a 3/4" box wrench on the provided flange nut.
- I. Tighten all hardware.