



METALCLOAK

INSTALLATION INSTRUCTIONS

PRODUCT: YJ/CJ7 ROCKER RAIL

REV: D | 07-15-10 | II-2311

**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 dependent upon Jeep conditions, configurations 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.

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



9/16" Hex Drive Socket



Power Drill



1/8" Drill Bit
1/4" Drill Bit
3/8" Drill Bit



Surface Sander or Grinder



T25 Torx Screw Driver
Phillips Head Screw Driver

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

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

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: JEEP Preparation

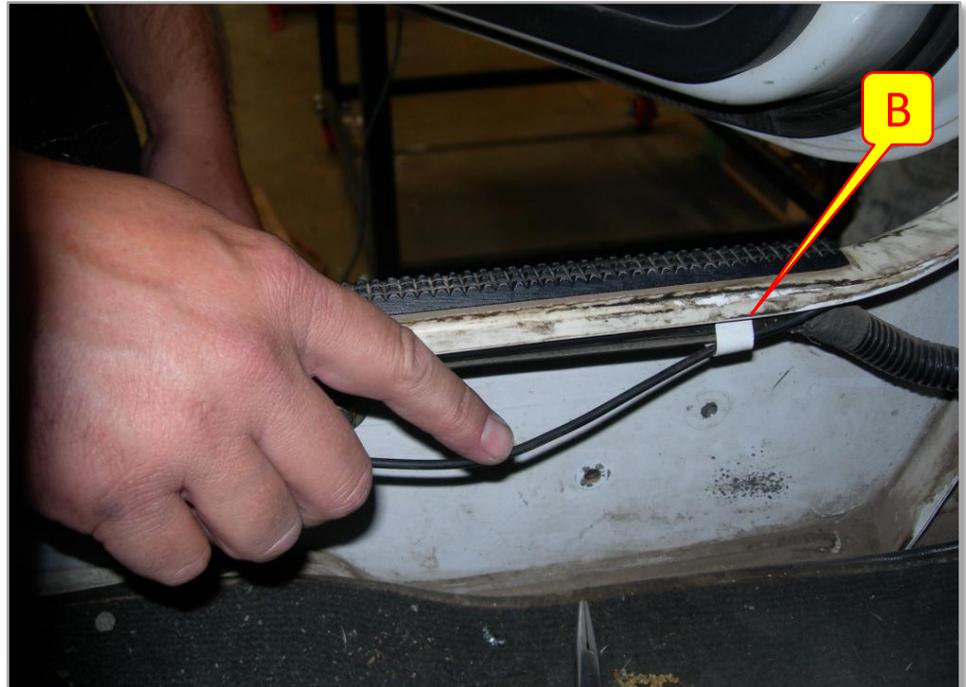
Step 1: Remove stock components that will interfere with rocker rail installation.



Remove any stock or after market rocker guards so the tub sides are clear and clean.(A)



Inside of the door threshold, disconnect the plastic wiring loom cover. This will allow you to hold the wires clear during drilling. (B)
 Fold carpet in foot well and along the outboard side of seat to expose the areas of the side wall you will be drilling through. **NOTE:** These steps are important, as skipping them may allow the drill to catch your carpet or wiring and cause damage.(B)



Phase 3: Pre-Installation

Step 2: Install cosmetic finish hardware.



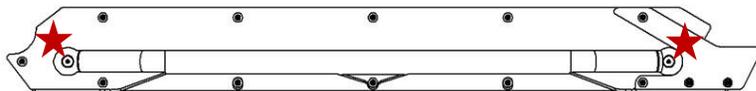
Install cosmetic finish hardware four places as shown above:



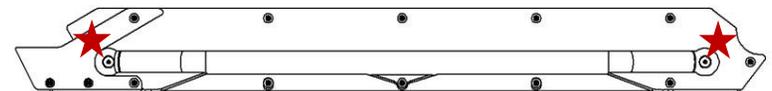
3/8"-16x1" SFHC Screw
3/8" washer and
3/8"-16 Nylock Nut

NOTE: This step must be done before installation. Failure to complete this step at this time will require removing Rocker Rail to install.

Driver's Side Rocker Rail



Passenger's Side Rocker Rail



Phase 3: Pre-Installation

Step 3: Line Up Rocker and Hold in Place

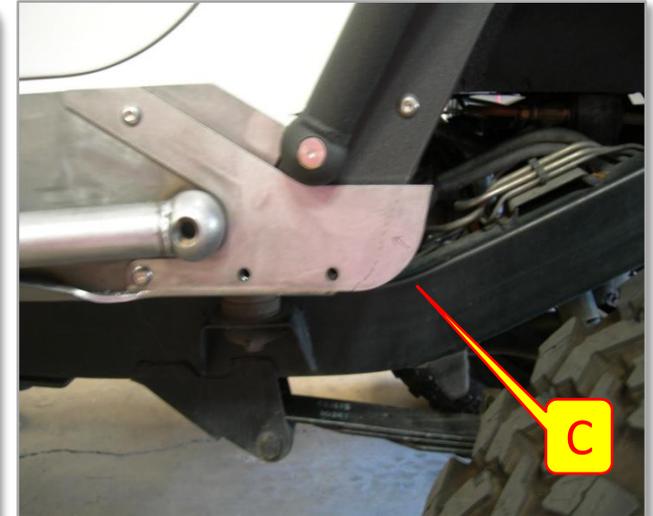
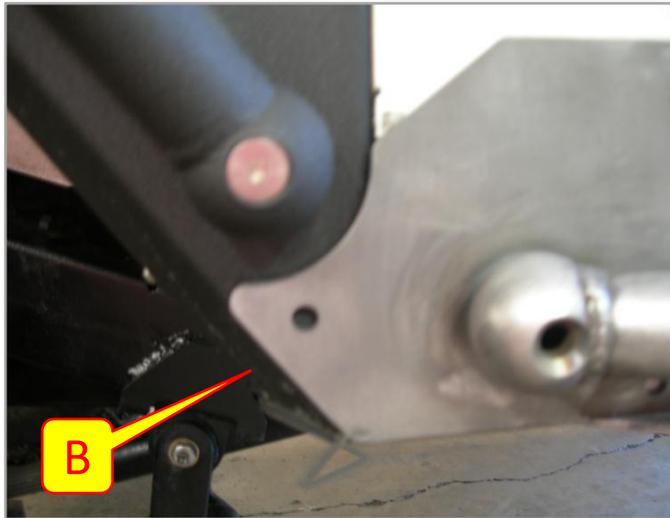


Using a floor jack and wooden block, lift the rocker into place. If rocker is powder coated, use towel to prevent scratching of coating. (A)

You may also use large C-clamps to clamp the rocker to the Jeep tub.

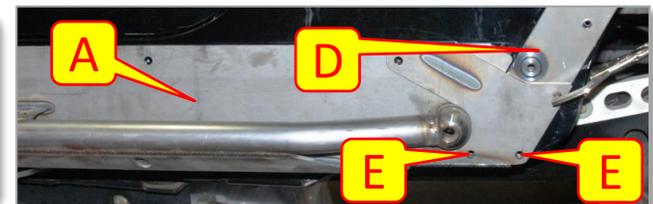
The following instructions are for Jeeps equipped with MetalCloak fenders and flares.

- Maneuver the rocker around and past the flare balls.
- Check clearances around flare balls and balance the gap between the fender flare balls and rocker ends so the rocker does not interfere with the flare balls.
- Align the front face of the rocker with the front tub seam—where Jeep tub and MetalCloak fender meet. (B)



If you have a MetalCloak Corner Guard(D) check alignment of two bolt holes(E). This is just a check as the Rocker Rail(A) can float forward or backwards on Jeep and should therefore be installed after the Corner Guard(D). The Corner Guard has a fixed position.

If Jeep has the MetalCloak cut-out version for the rear flares, the Rocker/Step system will need to be trimmed to match. Cut-out version is for vehicles with 37" tires or larger. (C)



Phase 3: Pre-Installation

Step 4: Drill all holes in Jeep required for installation.

Center Punch and Pilot Drill (1/8" Drill) all holes marked as follows: ▲



Drill the following holes. If your Rocker Rails are uncoated, drill while rail is still attached. If coated, remove rails from Jeep before drilling

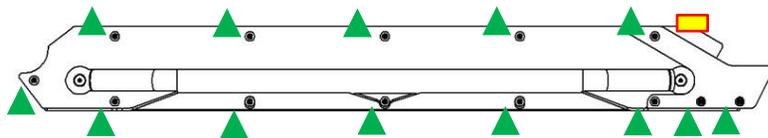
▲ 3/8" Drill Size



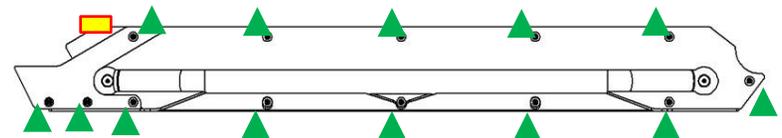
NOTE: Some CJ Jeeps may require additional grinding of certain locations to ensure snug fit of Rocker Rail. This is due to the presence of a plate on the underside of the tub.

■ Grind Locations

Driver's Side Rocker Rail



Passenger's Side Rocker Rail

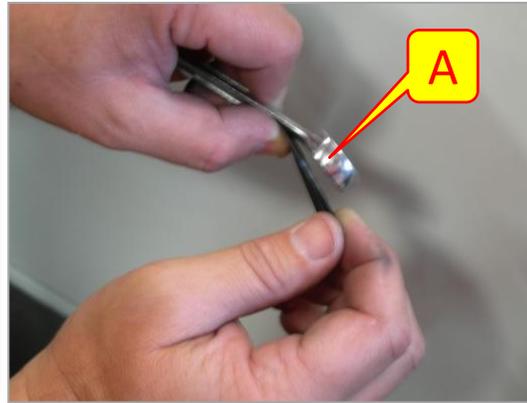


Phase 4: Installation

Step 1: Install Rocker Rail

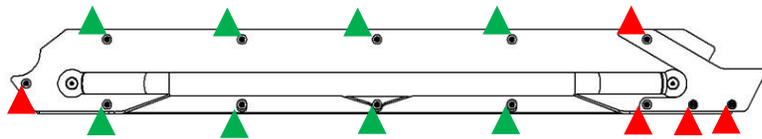
With Rocker Rail fixed in position as described in Phase 3 Step 3, install the following fasteners at the designated locations:

- ▲ 3/8"-16 x 0.75" SBHC Screw, washer, nylock nut
- ▲ 3/8"-16 x 1.00" SBHC Screw, washer, nylock nut

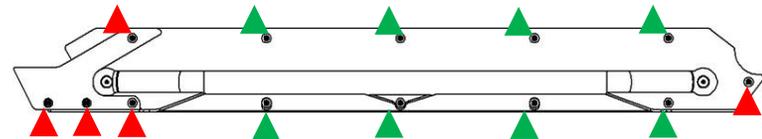


Once two top screws are installed, can remove wooden block and floor jack and continue to install.

Driver's Side Rocker Rail



Passenger's Side Rocker Rail



For the bottom holes, you will need to use tape to hold nut in wrench. Then insert wrench through access hole to fasten bolts-5 places. (A,B,C) One some Jeeps, the washer will not fit on certain bottom locations under the tub. Either grind a side of the washer to allow it to fit or leave it from installation



| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|------|--|---|---|---|---|--|-----|
| | ITEM | PART NUMBER/DESCRIPTION | | | | | | QTY |
| | 1 | WM-0112-P WELDMENT, ROCKER YJ | | | | | | 1 |
| | 2 | WM-0112 WELDMENT, ROCKER YJ | | | | | | 1 |
| E | 3 | FA-0009 WASHER, .41ID X .81OD X .051TH 18-8 SS SAE | | | | | | 30 |
| | 4 | FA-0053 HEX NYL LOCKNUT .375-16 .45TH ZNC PLT STL | | | | | | 30 |
| | 5 | FA-0004 SCKT BTN SCREW, .375-16x.75L 18-8 SS | | | | | | 16 |
| | 6 | FA-0018 SBHCSCREW, .375-16x1.0L 18-8 SS | | | | | | 10 |
| | 7 | FA-0040 SFHCSCREW .375-16 x 1L 18-8 SS | | | | | | 4 |
| D | | | | | | | | |
| C | | | | | | | | |
| B | | | | | | | | |
| A | | | | | | | | |
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| <p>REVISION [B][BAM][06/18/10] PART NUMBER DESCRIPTION</p> | | | | | | | <p>Metal Cloak 2311 ROCKER RAIL, YJ</p> | |

Phase 5: Enjoy Your MetalCloak Rocker Rail



BITE BACK

Remember to post your pics of your Rocker Rail on your favorite forum and at [Facebook.com/metalcloak](https://www.facebook.com/metalcloak).