



**READ INSTRUCTIONS IN FULL
BEFORE INSTALLATION.
QUESTIONS? Call 916-631-8071**

MetalCloak TJ/LJ Rocker Rail Installation Instructions

Rev. C

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Assembly Step

Detailed Instructions

Picture/Illustration

At MetalCloak we work hard to ensure every step of the MetalCloak experience is an incredible one. Part of that experience is the ease of installation of our products.

While we design and plan for most contingencies, installation may be different based on different configurations and years.

We ask that you provide feedback and pictures if you find any part of our instructions that do not match your particular Jeep. And if you have any difficulties at all, please feel free to give us a call. Our instructions can only be as good as the feedback we receive from our growing customer base.

Thank you and enjoy your MetalCloak Products!


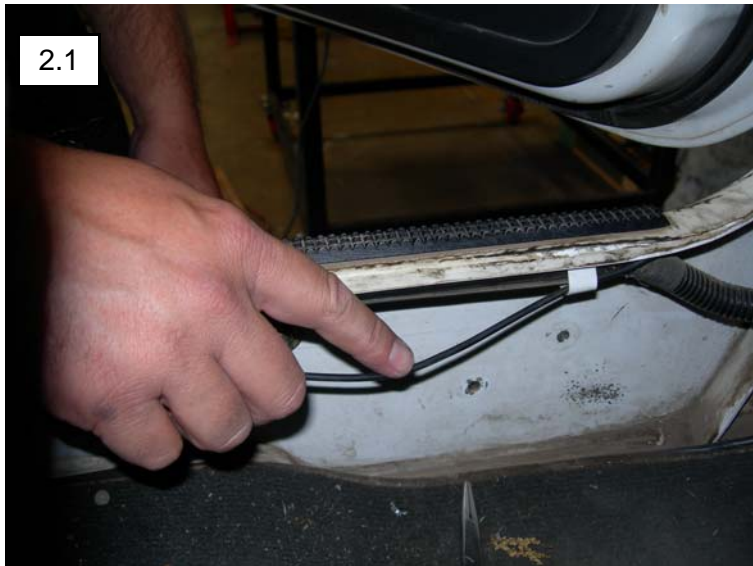
IMPORTANT NOTE: The tube of Silver Anti-seize provided should be used on all bolts—only a small amount is needed.

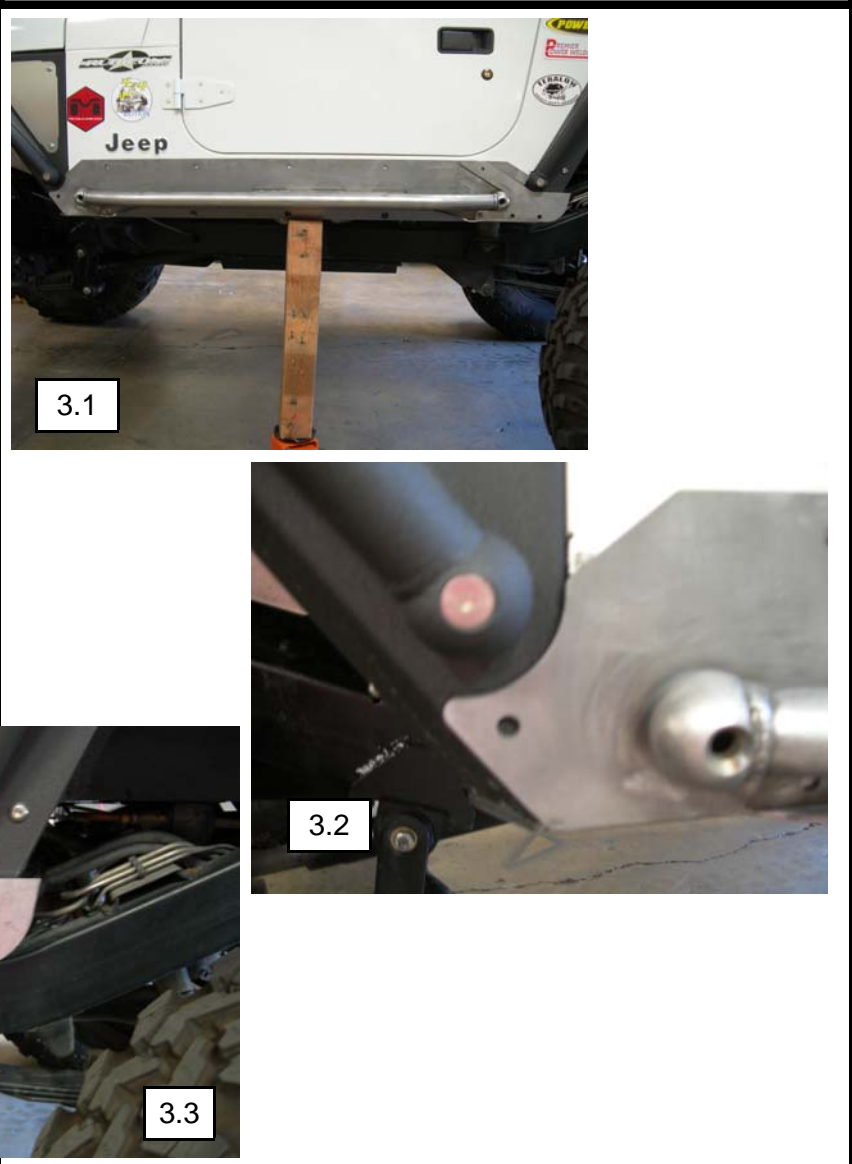
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By purchasing this product and opening the packaging, purchasers expressly acknowledge, understand and agree that they take, select and purchase these MetalCloak products from Armored Works, LLC, its affiliates and distributors and agents as is and 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 user and/or installation of MetalCloak products.

Assembly Step	Detailed Instructions	Picture/Illustration
<p>1. Prepare Tub for Install</p> <p>Tools/Parts</p> <ul style="list-style-type: none">• Rag• Mild Cleaner	<p>a. Remove any stock or after market rocker guards so the tub sides are clear and clean.</p> <p>b. Gather necessary tools and hardware. (See Pic 1.1)</p>	 <p>1.1</p> <p>A photograph showing various tools and hardware laid out on a black workbench. The tools include a red and black power drill, a wrench, a screwdriver, a drill bit, and several screws. The hardware includes two long metal rocker rails with mounting brackets. In the background, a red air compressor and other workshop equipment are visible.</p>
<p>2. Disconnect Wiring Loom</p>	<p>a. Inside of the door threshold, disconnect the plastic wiring loom cover. This will allow you to hold the wires clear during drilling. (See Pic 2.1)</p> <p>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.</p> <p>c. NOTE: These steps are important, as skipping them may allow the drill to catch your carpet or wiring and cause damage.</p>	 <p>2.1</p> <p>A close-up photograph showing a person's hand holding a black plastic wiring loom cover. The cover is being disconnected from the metal side wall of a vehicle's interior. The background shows the interior of a vehicle, including the seat and carpet.</p>

Assembly Step	Detailed Instructions	Picture/Illustration
<p>3. Line Up Rocker and Hold in Place</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> • Floor Jack • Wood Block(2x4) • Towel (if rocker is powder coated) 	<p>a. Using a floor jack and wooden block, lift the rocker into place. If rocker is powder coated, use towel to prevent scratching of coating. (See Pic 3.1)</p> <p>b. You may also use large C-clamps to clamp the rocker to the Jeep tub.</p> <p>c. Steps “d” - “f” are for Jeeps equipped with Metal Cloak fenders and flares.</p> <p>d. Maneuver the rocker around and past the flare balls.</p> <p>e. 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.</p> <p>f. Align the front face of the rocker with the front tub seam-where Jeep tub and MetalCloak fender meet. (See Pic 3.2)</p> <p>g. NOTE: 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. (See Pic 3.3)</p>	 <p>Pic 3.1: A floor jack is used to lift the silver MetalCloak rocker rail into position under the white Jeep tub. A wooden block is placed under the jack. The Jeep logo is visible on the tub.</p> <p>Pic 3.2: A close-up view of the rocker rail being aligned with the front tub seam where the Jeep tub and MetalCloak fender meet. A red dot on the rocker indicates the alignment point.</p> <p>Pic 3.3: A close-up view of the rocker rail being secured to the Jeep tub using a large C-clamp. The red dot is visible again.</p>

Assembly Step	Detailed Instructions	Picture/Illustration
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4. Make Sure Rocker is in Place and Secure Before Drilling.

a. Double check that rocker is securely held in place against the side of the tub, so nothing moves during drilling.

5. Drill Top Holes and Bolt on Rocker

Tools/Parts

- Drill
- 3/8" Drill Bit
- Supplied Hardware
- Wrench
- Socket
- Ratchet

a. Using a 3/8" drill bit, drill 2 top center holes — Marked with a ■ (See Pic 5.1 & 5.2)

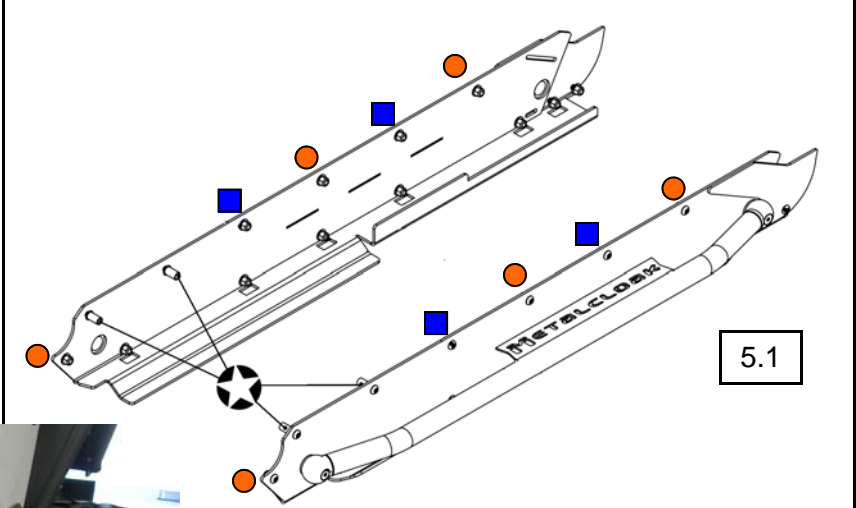
b. Be cautious of any wires or carpet that might fall in the way of the bit when drilling.

c. Secure Rocker in place using supplied hardware.

d. At this point you may remove the wooden block and floor jack.

e. Drill remaining 5 holes with the 3/8" drill bit.

f. Using supplied hardware, secure rocker at positions marked with a ● and fasten with supplied hardware (Do not use Rivet Nuts yet —see step 6 for details).



5.1



5.2

Assembly Step	Detailed Instructions	Picture/Illustration
<p>5. Installation of Rivet Nut.</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> • Supplied Hardware • Installation Tool (CP-0011) 	<p>a. The points on the Rocker Rail marked with a “⊕” in Pic 5.1 requires the use of Rivet Nuts (Pic 6.1) to complete installation.</p> <p>b. The holes should already be at 3/8” dia. Drill out this hole size to 17/32” (Pic 6.2).</p> <p>c. In your hardware kit find the Installation Tool for Rivet Nut (Pic 6.3).</p> <p>d. Insert the assembled Rivet Nut into the 17/32” hole. (Pic 6.4 & 6.5)</p> <p>e. Use two wrenches to tighten the Installation bolt into the Rivet Nut. Tighten the bolt all the way.</p> <p>f. Unscrew the bolt. The Rivet Nut should not move at all. (Pic 5.7)</p> <p>g. Re-assemble the Installation tool into the second Rivet Nut from your hardware kit. (Pic 5.3)</p> <p>h. Repeat steps a. - f on the points marked with a “⊕” in Pic 5.1.</p>	

Assembly Step

Detailed Instructions

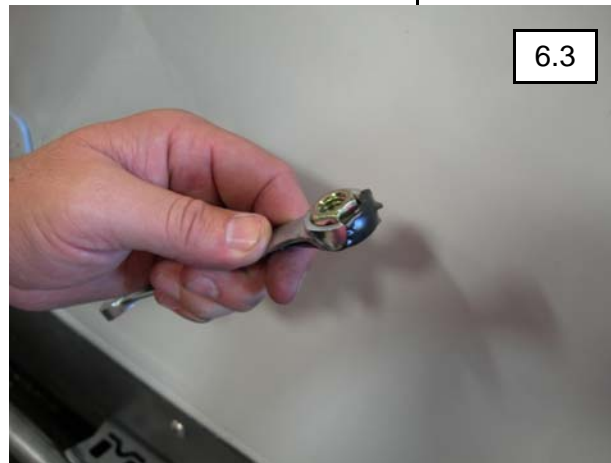
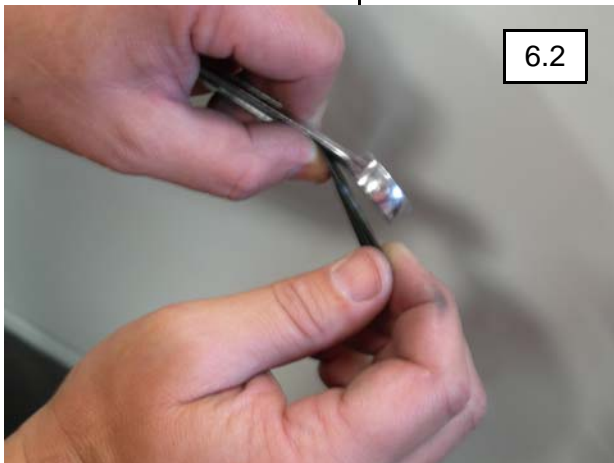
Picture/Illustration


6. Drill Bottom Holes and Secure Rocker

Tools/Parts

- Drill
- 3/8" Drill Bit
- Supplied Hardware
- Wrench
- Socket
- Ratchet

- a. Using a 3/8" drill bit, drill the rocker bottom mounting holes. (See Pic 6.1)
- b. Be cautious of any wires or carpet that might fall in the way of the bit when drilling.
- c. For the bottom holes, will need to use tape to hold nut in wrench. Then insert wrench through access hole to fasten bolts-5 places. (See Pics 6.2, 6.3 and 6.4)



Assembly Step	Detailed Instructions	Picture/Illustration
7. Repeat on Other Side Of Jeep	a. Repeat same steps on the other side of Jeep.	
8. Clean-Up	a. Clean-up and Enjoy your new Metal Cloak Rocker Rail!	

Assembly Step

Detailed Instructions

Picture/Illustration

DC-0002 REV A

SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY
1	WM-0113 WELDMENT, ROCKER TJ	1
2	FA-0004 SCKT BTN SCREW, .375-16x.75L 18-8 SS	22
3	FA-0009 WASHER, .41ID X .81OD X .051TH 18-8 SS SAE	28
4	FA-0018 SBHCSCREW, .375-16x1.0L 18-8 SS	6
5	FA-0053 HEX NYL LOCKNUT .375-16 .45TH ZNC PLT STL	28
6	WM-0113-P WELDMENT, ROCKER TJ	1
7	FA-0040 SFHCSCREW .375-16 x 1L 18-8 SS	4
8	FA-0057 RIVET NUT, .375-16 OPEN END ZYC PLTD	4

NOTES:
1) USE ANTI-SEIZE ON ALL STAINLESS STEEL FASTENERS

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REVISION	[B][DHP][02/11/10]	PART NUMBER DESCRIPTION

Metal CLOAK
2312 ROCKER RAIL, TJ