



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

MetalCloak YJ Rear Fender Flare Installation Instructions

Rev. C

Page 1 of 9

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.

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 user and/or installation of MetalCloak products.

Assembly Step

Detailed Instructions

Picture/Illustration

Base Plate Install (All rear fender kits)

1. Stock Flare Removal and Clamp Base Plate.



Tools/Parts



- Base Plate(2)
- C Clamps



- a. Remove fender liner.
- b. Remove rear fender flares. (See Pic 1.1)
- c. Measure 2 7/8" from top of Jeep tub and locate top of base plate here. (See Pic 1.2)

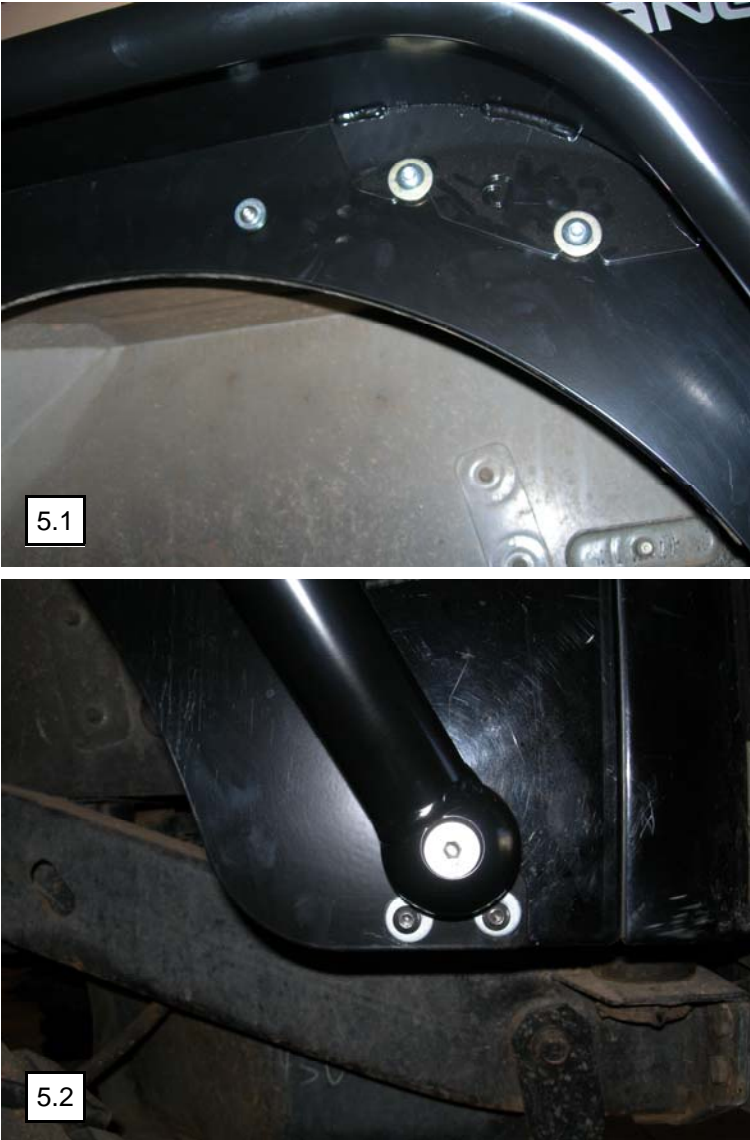



Continued-next page

Assembly Step	Detailed Instructions	Picture/Illustration
1. Continued...	<p>d. Measure 1 1/2" from seam at rear of tub and locate back corner of base plate here. (See Pic 1.3)</p> <p>e. Clamp base plate to tub. (See Pic 1.4)</p> <p>f. Repeat on other side of Jeep.</p>	 

Assembly Step	Detailed Instructions	Picture/Illustration
<p>2. Pre-drill Holes.</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> •Drill •1/8" Bit 	<p>a. Pre-drill 1/8" marker holes for all holes on base plate. (See Pic 2.1)</p> <p>b. Repeat on other side of Jeep.</p>	
<p>3. Drill Holes</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> •Drill •3/8", 1/2" & 5/16" Bits 	<p>a. Drill 1/2" holes for 2 holes that have welded nut-clearance holes for mounting screws. (1 front, 1 rear)</p> <p>b. Drill 5/16" holes for 7 small holes on base plate.</p> <p>c. Drill 3/8" for remaining 6 holes on base plate.</p> <p>d. Repeat on other side of Jeep.</p>	

Assembly Step	Detailed Instructions	Picture/Illustration
<p>4. Bolt on Backing Plates</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> • Base Plate Hardware • Backing Plates (6) • Wrench • Ratchet • Socket • Allen Wrench 	<p>a. Uses 1/4" (small) Button Head Screws in all small holes and tighten down with supplied nuts.</p> <p>b. NOTE: Be sure to place large washers on nut side and small washers on screw side.</p> <p>c. Use 3/8" (large) Button Head Screws in 6 larger holes on top of base plate along with supplied backing plates and washers. (See Pic 4.1)</p> <p>d. Front mounting brackets (one each side) will be mounted on inside of Jeep. (See Pic 4.2)</p> <p>e. NOTE: Do not tighten these 6 bolts!!</p> <p>f. Repeat on other side of Jeep.</p>	 <p>4.1</p>
		 <p>4.2</p>

Assembly Step	Detailed Instructions	Picture/Illustration
<p>5. Mount Flare</p> <p>Tools/Parts</p> <ul style="list-style-type: none">• Flare(2)• 3/8"x16 Socket Cap Screws(4)• Allen Wrench	<p>a. Align flare housing with 3/8" Button Head Screws and washers so that screw head and washer are on outside of housing. (See Pic 5.1)</p> <p>b. Balls at bottom of flare will align with welded nut hole. Use 3/8"x16 Socket Cap Screw, in front and back welded nut holes. (See Pic 5.2)</p>	 <p>5.1</p> <p>5.2</p>

Assembly Step	Detailed Instructions	Picture/Illustration
6. Clean-Up	a. Clean-up and enjoy your new MetalCloak Body Armor!!	

Assembly Step

Detailed Instructions

Picture/Illustration

DC-0002 REV A SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY
1	WM-0110 WELDMENT, BASE PLATE REAR FLARE YJ	1
2	WM-0110-P WELDMENT, BASE PLATE REAR FLARE YJ	1
3	CP-0011 BACKING PLATE, TJ REAR FLARE	6
4	FA-0009 WASHER, .41ID X .81OD X .051TH 18-8 SS SAE	12
5	FA-0005 SBHCSCREW, .375-16x1.25L 18-8 SS	12
6	FA-0011 SBHCSCREW, .25-20x.75L 18-8 SS	14
7	FA-0008 WASHER, .28ID X .62OD X .051TH 18-8 SS SAE	28
8	FA-0010 HEX NYL LOCKNUT, .25-20 (.31 H) 18-8 SS	14

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REVISION [A][DHP][02/11/09] PART NUMBER DESCRIPTION 2412 BASE PLATE, REAR FLARE YJ

Assembly Step

Detailed Instructions

Picture/Illustration

DC-0002 REV.A SHEET 1 OF 1

ITEM	PART NUMBER/DESCRIPTION	QTY
1	WM-0002 WELDMENT, TJ REAR FLARE 6 INCH	2
2	FA-0003 SFHCSCREW, .375-1.6X2.25L 18-8 SS	4

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2426 REAR FLARE, 6 INCH TJ-LJ

REVISION	[A][DHP][02/11/09]	PART NUMBER DESCRIPTION