



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

MetalCloak TJ/LJ Rear Fender Flare Installation Instructions

Rev. C

Page 1 of 8

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. Locate base plate so that it's inner contour mates with the rear wheel opening. (See Pic 1.2)
d. Clamp base plate to tub. (See Pic 1.2)
e. Repeat on other side of Jeep.




1.2

| Assembly Step | Detailed Instructions | Picture/Illustration |
|---|--|--|
| <p>2. Pre-drill Holes.</p> <p>Tools/Parts</p> <ul style="list-style-type: none">• 1/8" Drill | <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>2.1</p> |

| Assembly Step | Detailed Instructions | Picture/Illustration |
|--|--|--|
| <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 9 small holes on base plate.</p> <p>c. Drill 3/8" for remaining 4 holes on base plate.</p> <p>d. Repeat on other side of Jeep.</p> |  |
| <p>4. Bolt on Backing Plates</p> <p>Tools/Parts</p> <ul style="list-style-type: none"> • Base Plate Hardware • Backing Plates(4) • 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 4 larger holes on top of base plate along with supplied backing plates and washers. (See Pic 4.1)</p> <p>d. NOTE: Do not tighten these 4 bolts!!</p> <p>e. Repeat on other side of Jeep.</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" x 16 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> |  |

| Assembly Step | Detailed Instructions | Picture/Illustration |
|---------------|--|---|
| 6. Clean-Up | a. Clean-up and enjoy your new MetalCloak Body Armor!! |  A photograph showing the rear fender flare of a white vehicle. The flare is a dark, curved metal piece that has been installed over the rear wheel. The tire is a large, black, off-road style tire with a silver hubcap. The flare is secured with several bolts. The background is a plain, light-colored wall. |

Assembly Step

Detailed Instructions

Picture/Illustration

DC-0002 REV A SHEET 1 OF 1

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

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Metal Cloak
2424 REAR FLARE, 4 INCH TJ-LJ

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

Assembly Step

Detailed Instructions

Picture/Illustration

DO-0002 REV B SHEET 1 OF 1

| ITEM | PART NUMBER/DESCRIPTION | QTY |
|------|---|-----|
| 1 | WM-0121 WELDMENT, BASE PLATE REAR FLARE BODY MOD TJ | 1 |
| 2 | WM-0121-P WELDMENT, BASE PLATE REAR FLARE BODY MOD TJ | 1 |
| 3 | CP-0011 BACKING PLATE, TJ REAR FLARE | 4 |
| 4 | FA-0009 WASHER, .41ID X .81OD X .051TH 18-8 SS SAE | 8 |
| 5 | FA-0005 SBHCSCREW, .375-16x1.25L 18-8 SS | 8 |
| 6 | FA-0011 SBHCSCREW, .25-20x.75L 18-8 SS | 18 |
| 7 | FA-0008 WASHER, .28ID X .62OD X .051TH 18-8 SS SAE | 36 |
| 8 | FA-0010 HEX NYL LOCKNUT, .25-20 (.31 H) 18-8 SS | 18 |

The diagram shows two views of the rear flare body assembly. Callout 1 points to the main weldment body. Callout 2 points to a secondary weldment. Callout 3 points to a backing plate. Callout 4 points to a washer. Callout 5 points to a screw. Callout 6 points to another screw. Callout 7 points to a washer. Callout 8 points to a locknut. The drawing is annotated with a vertical scale on the left (A, B, C, D, E) and a horizontal scale at the top (1-8).

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|----------|--------------------|-------------------------|--|
| REVISION | [B][DHP][07/11/09] | PART NUMBER DESCRIPTION | 2411 BASE PLATE, REAR FLARE BODY MOD TJ-LJ |
|----------|--------------------|-------------------------|--|