



PRODUCT: JK Wrangler Spare Tire Delete

REV: A | 01/25/2024 | II-3903

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

13MM Socket/Wrench
5/8" Socket/Wrench
9/16" Socket/Wrench



1/4" Hex Key Socket/Wrench
7/32" Hex Key Socket/Wrench

Tape



T50 'Torx' Bit

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

QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST

Section 1: Tools & Notes on Installation



	1	2	3	4	5	6	7	8
	ITEM	PART NUMBER/DESCRIPTION				QTY.		
	1	CP-3676 PLATE MOUNT, JK				1		
	HARDWARE							
E	2	FA-1023 FEMALE BULLET CONNECTOR, 16-14GA				3		
	3	FA-1026 WIRE SPLICE, 22-18GA				3		
	4	FA-1030 BULLET CONNECTOR MALE, 16-14GA				2		
	5	FA-1037 RED LED MARKER LIGHT, 1.25D X 9.0L				1		
	6	FA-1038 THREE-CONDUCTOR WIRE, 18GA X 1FT				8		
	7	FA-1040 LICENSE PLATE LIGHT, 1.30W X 2.60L				1		
	8	FM-08171-BZ SBHCS, M8-1.25 X 25L STL C8.8 BLACK ZINC				4		
	9	FS-00085 FHCS CROSS, 6-32 X 0.75L STL ZINC				2		
D	10	FS-04005 NYLOCK NUT, 0.25-20 X 0.31H STL GF ZINC				4		
	11	FS-04021 SBHCS, 0.25-20 X 0.63L SS 18-8 PLAIN				4		
	12	FS-05225 WASHER, 0.34ID X 0.74OD X 0.06TH NYLON				4		

OPTIONS:
3903-BPC USE:
CP-3676-BPC

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DO NOT SCALE DRAWING

PART NUMBER/DESCRIPTION

MetalCloak

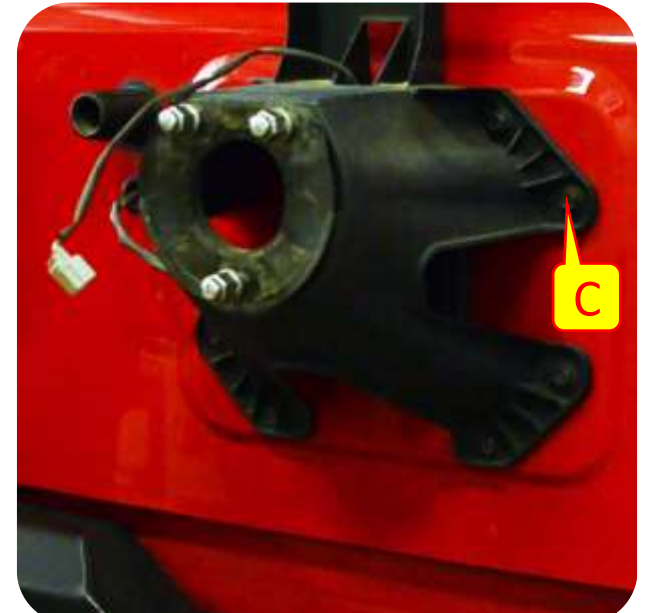
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3903 SPARE TIRE DELETE, JK

Section 2: Installation Instructions

Step 1: Remove Stock Tire Mount

- A. Remove the spare from the rear tire mount.
- B. Disconnect the brake light.
- C. Using a 13mm socket disconnect the factory tire carrier.

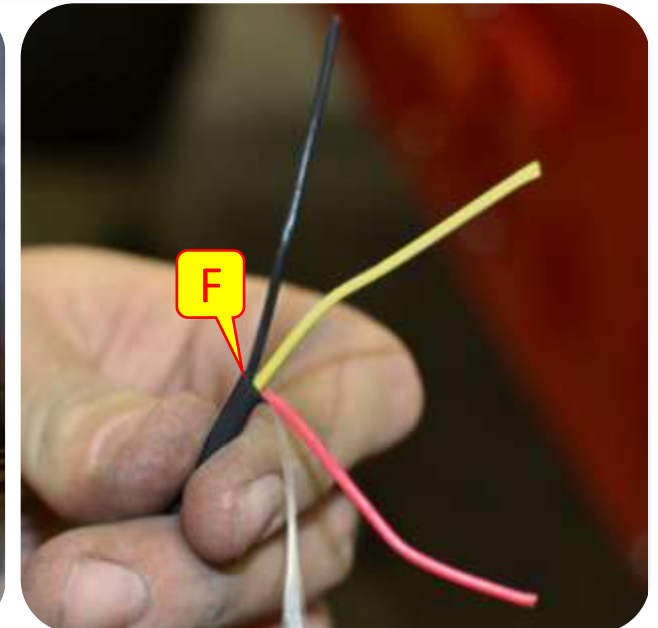
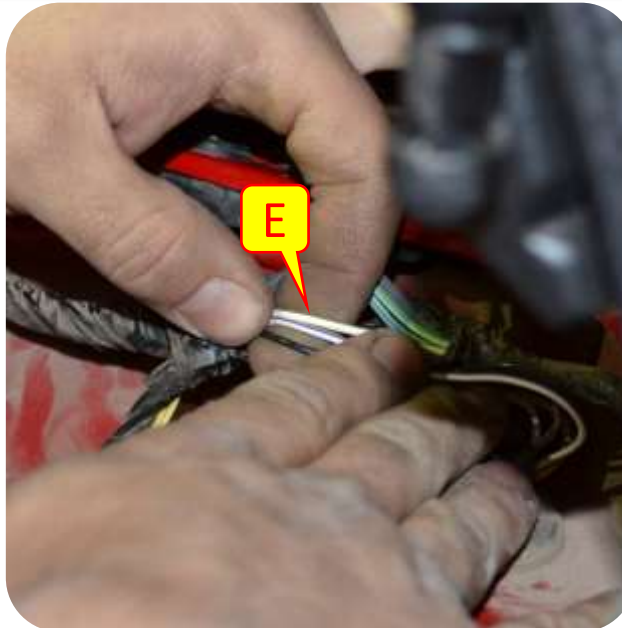


Section 2: Installation Instructions



Step 1: Remove Stock Tire Mount

- D. Pull back the carpet on the passenger side panel in the rear of the jeep.
- E. Remove the tape on the wiring and locate the white wire with purple stripe, white wire with black stripe, and black wire.
- F. Remove casing from the provided wiring to expose the three wires.

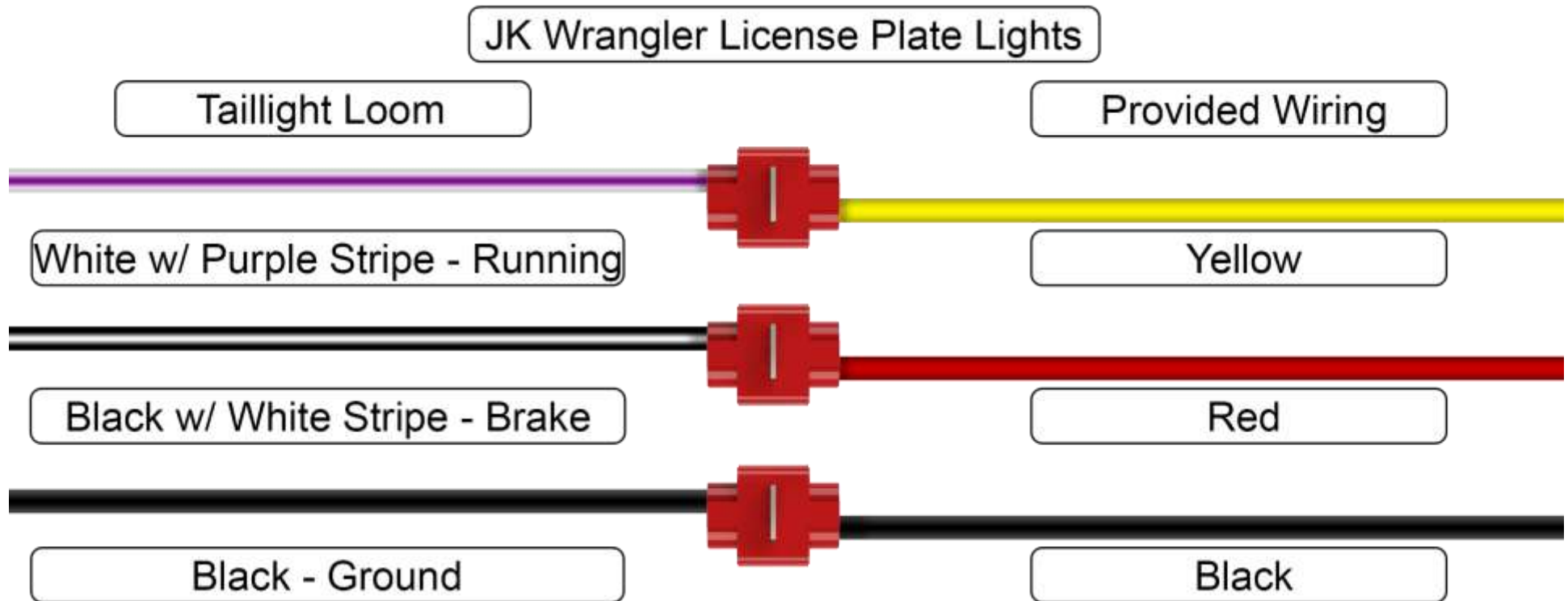


Section 2: Installation Instructions



Step 2: Wiring

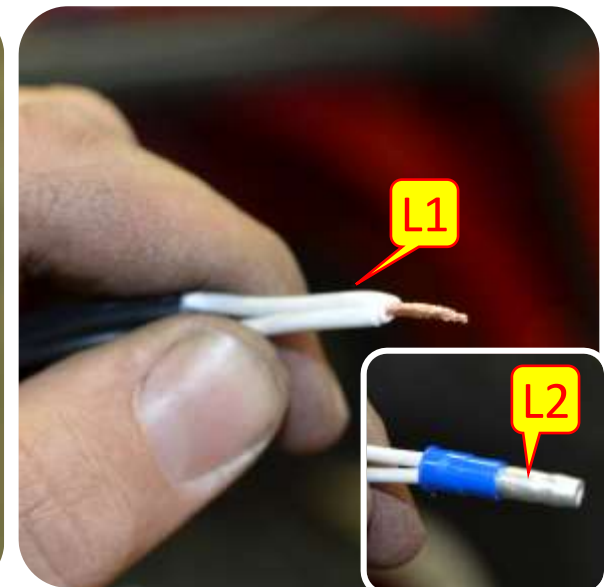
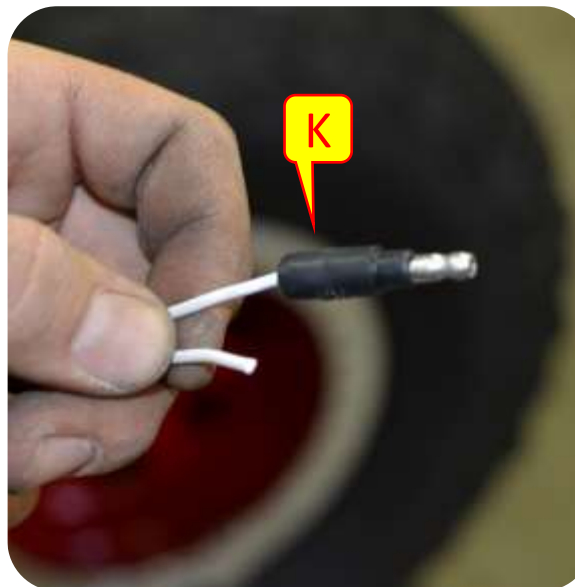
- G. Using the provided splice connectors connect the wires as shown in the diagram below.
- H. Route wiring through tailgate, exiting at the vent in the middle of the tailgate.



Section 3: Installation Instructions

Step 3: Assemble License Mount Bracket

- I. Install the brake Light and light grommet into the license plate holder.
- J. Install the License Plate light and light grommet into the license plate holder
- K. Cut the ends of the white wires on both the brake light and license plate light and strip the ends of the wires.
- L. Twist the brake light and license plate light copper wires together and install a male end connector onto the wires.
- M. Using a 5/32" Allen and a 7/16" wrench, secure the license plate on the back side of the tire delete with the 4 smaller bolts (BOM #7) and nuts (BOM #6).



Section 3: Installation Instructions

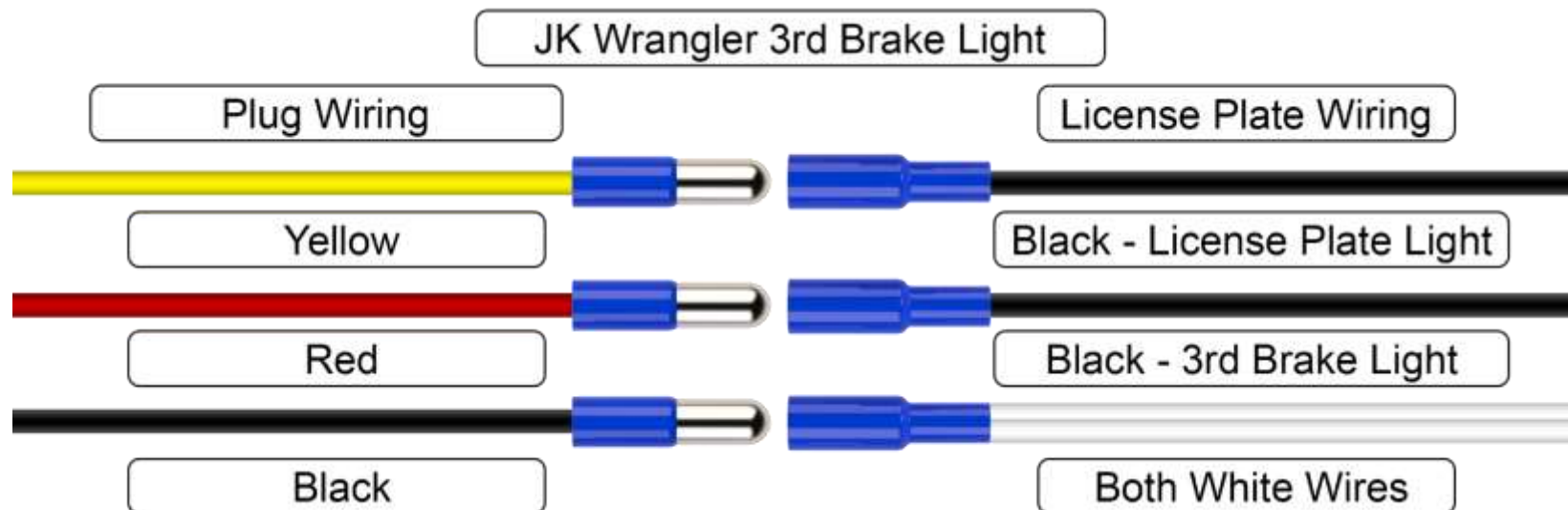


Step 4: Install License Mount Bracket

N. Remove casing from the provided wiring and strip all three wires to expose the copper wire.

O. Connect the wiring to the butt splices as shown in the diagram below.

Note: You can use Zip Ties to tighten up wiring behind license plate for organization.



Section 3: Installation Instructions



Step 5: Install License Plate

- P. Using the black button head bolts and a 5mm Allen, attach the spare tire delete to the rear of your Jeep using the factory holes for the spare tire carrier.

