



PRODUCT: JK Wrangler Rear Molded LED Kit

REV: A | 05-13-2022 | II-3435

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!

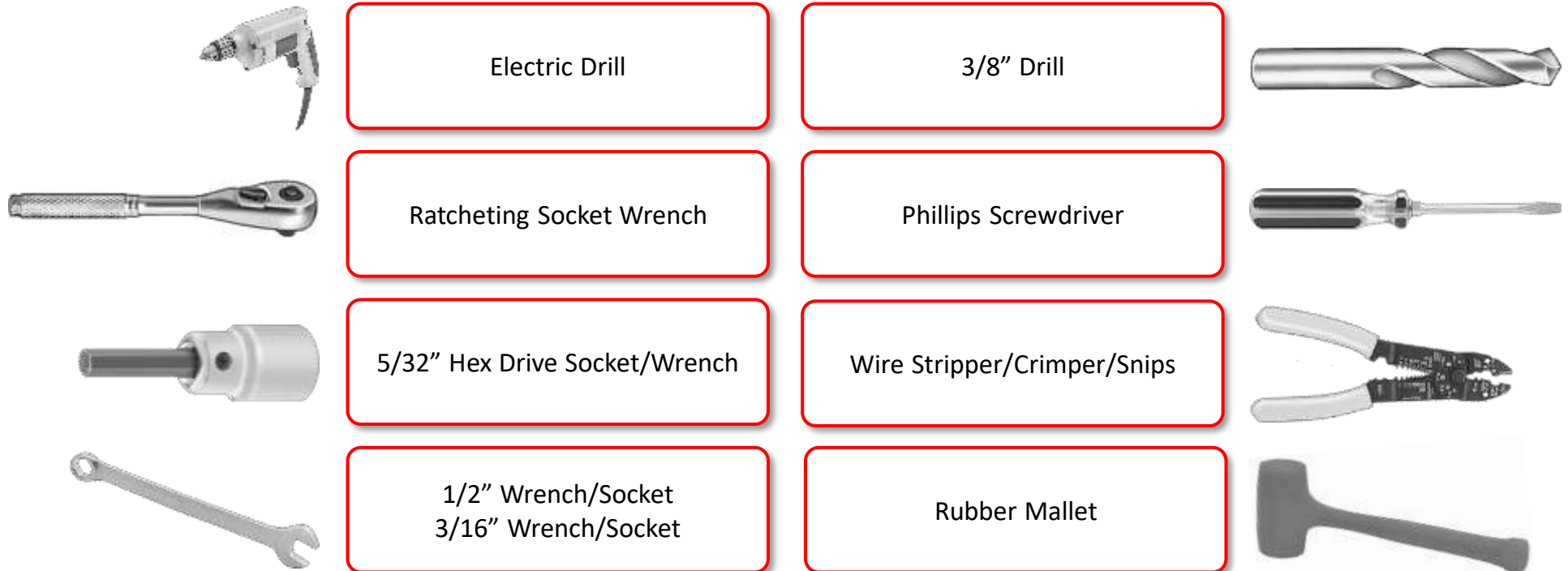
IMPORTANT NOTE: We use Stainless Steel Hardware where possible. Therefore, a tube of Silver Anti-seize is provided and should be used on all bolts—only a small amount is needed.

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.



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 2: Product Components

ITEM	PART NUMBER/DESCRIPTION	QTY.
1	CP-3337 MOLDED LIGHT BEZEL, REAR CORNER, JK	1
2	CP-3337-P MOLDED LIGHT BEZEL, REAR CORNER, PASSENGER SIDE, JK	1
3	CP-0855 RESISTOR BRACKET, LED LIGHT	2
4	FA-0147 RESISTOR, 50W6RJ FOR LED LIGHTS	2
5	FA-1024 BUTT SPLICE, 22-18GA	10
6	FA-1041 LED REAR LIGHT BODY	1
7	FA-1041 LED REAR LIGHT BODY	1
8	FA-1043 EPDM GASKET, MOLDED LIGHT BEZEL, JK	2
9	HK-3435	
10	FA-1044 CLIP ON RETAINING RING, 5MM	2
11	FS-00327 PHCS CROSS SELF-TAP, 6-32 X 0.31L STL ZINC	4
12	FS-00329-BZ PHCS CROSS, 3-48 X 0.44L STL BLACK ZINC	4
13	FS-00330 HEX NUT, 3-48 X 0.06H STL ZINC	4
14	FS-00331 WASHER, 0.108ID X 0.25OD X 0.02TH 18-8 SS	4
15	FS-05303-BZ SHCS LOW, 0.31-18 X 1.75L STL G8 BLACK ZINC	4
16	FS-00302-BZ PHCS CROSS SELF-TAP, 8-16 X 0.50L STL BLACK ZINC	8
17	FS-05045-BZ SHCS LOW, 0.31-18 X 1.25L STL G8 BLACK ZINC	4
18	FS-05052 FENDER WASHER, 0.34ID X 1.25OD X .05TH SS 18-8	8
19	FS-05046 WASHER, 0.34ID X 0.75OD X 0.04TH SS 18-8	8
20	FS-05047 NYLOCK NUT, 0.31-18 X 0.34H STL GF ZINC	8

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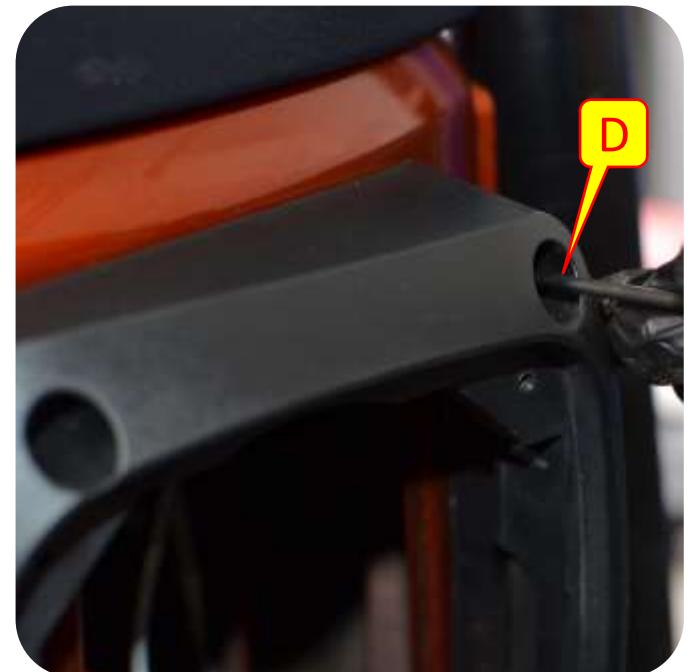
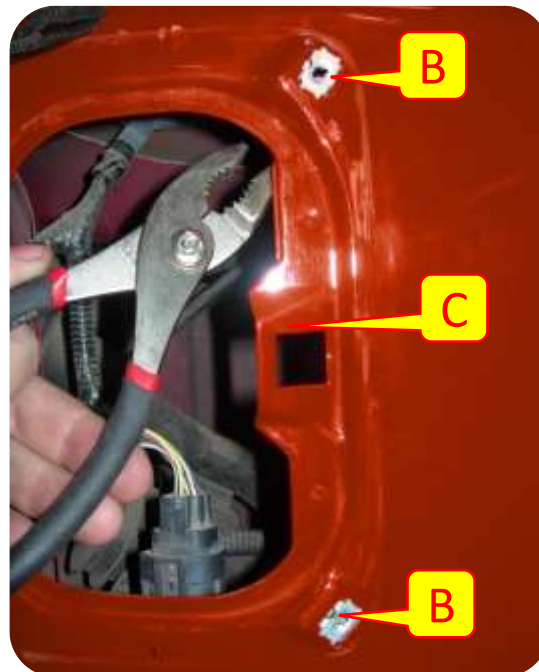
Metal Cloak
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PART NUMBER/DESCRIPTION
 3435 REAR MOLDED LED KIT, JK

Section 3: Installation Instructions

Step 1: Preparation for Taillight Installation

- A. Use a Phillips screwdriver to remove the stock taillight; you only need to remove the inner 2 screws. Unplug the light assembly and set aside.
- B. Remove the stock light nut clips; a pair of pliers may be helpful.
- C. Bend the stock tab back into the tub about 1/8" - 1/4"; a couple light hits with a rubber mallet should suffice (*this is simply to create clearance for the LED light body*).
- D. Align the light bezel with the stock holes. The cut-outs in the rear of the bezel cover the stamped "peaks" in the tub sheet metal and mark the location of the additional holes.



Section 3: Installation Instructions

Step 1: Preparation for Taillight Installation

- E. Drill the marked locations to 3/8". We recommend painting any exposed metal to prevent rust.
- F. Align Bezel and provided gasket and loosely install using the provided hardware (*the washers go behind the stock clip locations*).
- G. Cut the plug at the base of the stock bulbs and unwrap the wires (*if you prefer, you can wire directly to the JEEP's harness, but we recommend recycling the plug from the stock light for easier future access*).

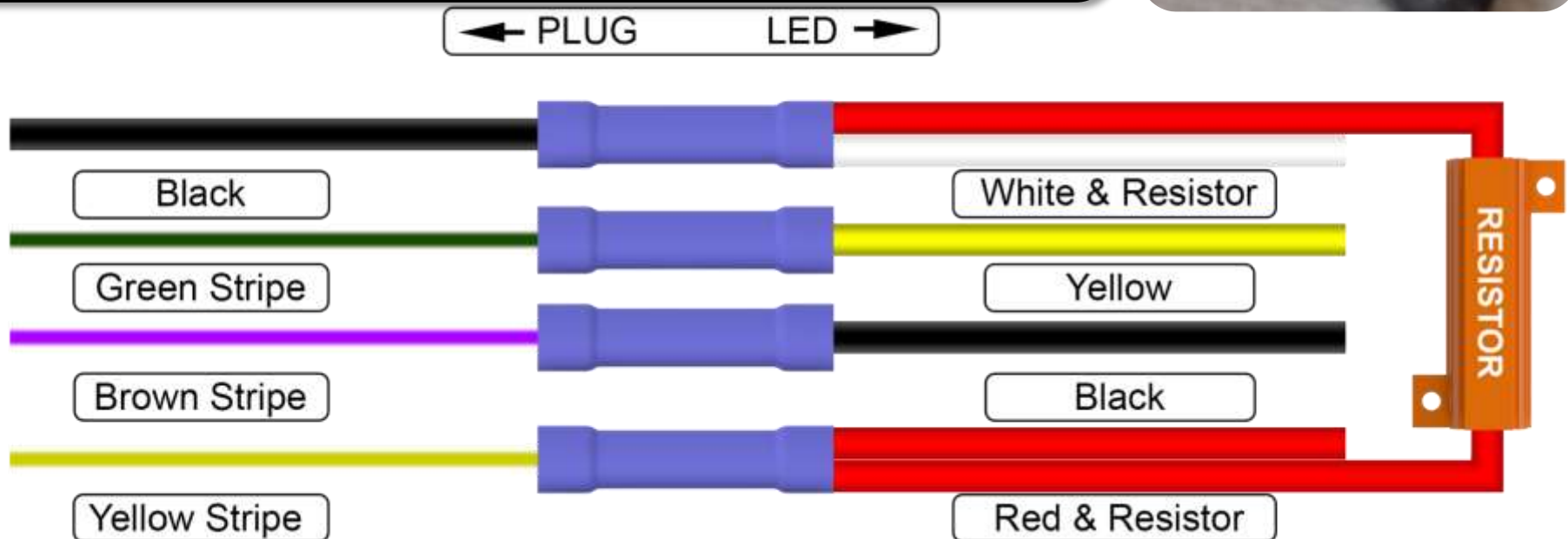


Section 3: Installation Instructions

Step 2: Taillight Wiring

Note: Stagger the length of the wires so that when all the butt connectors are installed, they will not overlap; this makes heat shrinking or taping the wires much easier. The order of the stagger is not important.

- H. Use butt connectors to wire the stock plug and provided resistor to the LED according to the provided wiring diagram. Tape or shrink-wrap as preferred.
- I. Use the provided self tapping screws and tap the aluminum resistor bracket with a Philips head screwdriver.



Section 3: Installation Instructions

Step 3: Taillight Bezel Installation

- J. Remove the screws and install the resistor to the bracket with a philips head screwdriver.
- K. Using a 5/32" allen and 1/2" wrench tighten the light housing to the Jeep making sure to keep the gasket aligned.
- L. Plug the light into the socket.



Section 3: Installation Instructions

Step 4: Taillight Resistor Installation

- M. Install the provided clip to the resistor bracket.
- N. Find a flat surface and clip the resistor bracket to the interior of the jeep tub.



Section 3: Installation Instructions

Step 5: Taillight LED Installation

- O. Slide the side marker light through the side of the light bezel and install using a Philips head screwdriver and a 3/16 socket or wrench.
- P. Using a Phillips head screwdriver install the LED light into the beveled light mount with the provided Philips head screws.

