



PRODUCT: JL Overland Front Fender

REV: D | 02-20-2020 | II-6200

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

7/32" Allen Drive Socket or Wrench



3/8" Drill Bit 17/32" Drill Bit

7/16" Box Wrench 9/16" Box Wrench
11/16" Box Wrench 3/8" Box Wrench



Drill

Needle-nose Pliers



Plastic Rivet Removal Tool
or Flat-head Screwdriver

T20 Torx Wrench



HOW TO USE THIS GUIDE: The installation guide contains ALL steps for installation. Please read and follow the instructions in order of each page from 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



DC-0001 REV A

SHEET 1 OF 1

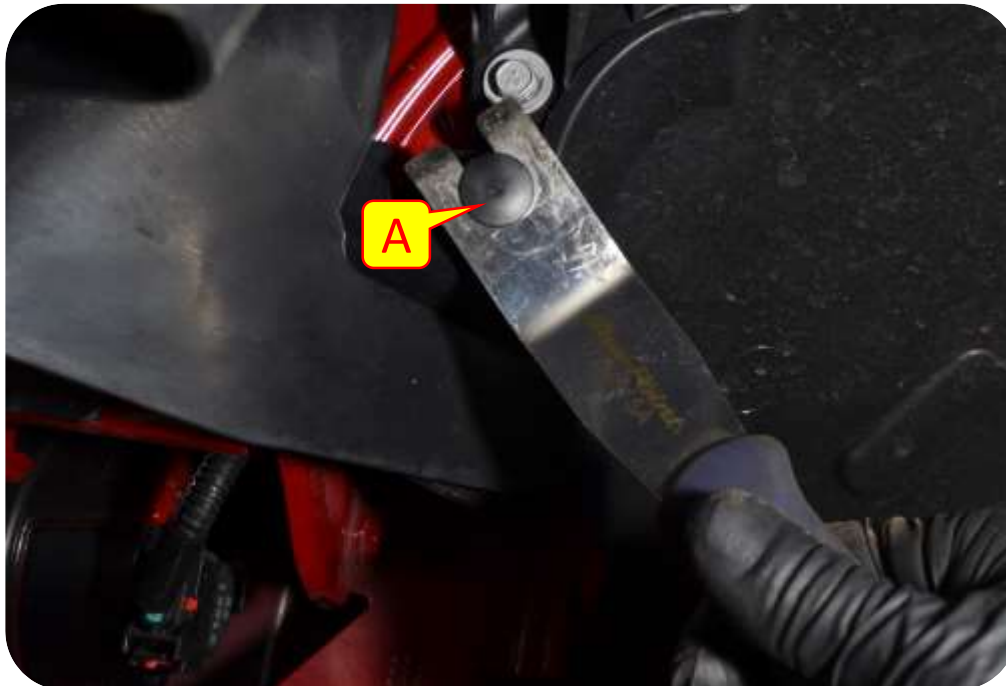
	1	2	3	4	5	6	7	8																		
E	ITEM PART NUMBER/DESCRIPTION QTY.																									
					1	8999 INSTALLATION TOOL, 0.38-16 RIVET NUT			1																	
					2	CP-6010 CENTER BRACKET, INNER FENDER, JL FRONT			1																	
					3	CP-6010-P CENTER BRACKET, INNER FENDER, JL FRONT			1																	
					4	FA-1023 FEMALE BULLET CONNECTOR, 16-14GA			10																	
					5	FA-1030 BULLET CONNECTOR MALE, 16-14GA			10																	
					6	FA-6001 FENDER LED KIT, JL FRONT			2																	
					7	WM-6051 WELDMENT, OVERLAND FLARE, JL FRONT			1																	
					8	WM-6051-P WELDMENT, OVERLAND FLARE, JL FRONT			1																	
	D	HK-6200																								
						9	FS-04003 WASHER, 0.28ID X 0.63OD X 0.05TH SS 18-8			8																
						10	FS-04005 NYLOCK NUT, 0.25-20 X 0.31H STL GF ZINC			8																
						11	FS-04197 HHCS FLANGE, .25-20 X 0.63L STL G5 ZINC			8																
						12	FS-06001-BZ SBHCS, 0.38-16 X 0.75L STL G5 BLACK ZINC			24																
						13	FS-06004 WASHER, 0.41ID X 0.81OD X 0.05TH SS 18-8			10																
						14	FS-06030 NYLOCK NUT, 0.38-16 X 0.45H STL GF ZINC			10																
					15	FS-06033 RIVET NUT, 0.38-16 X 0.15GRIP STL G5 GOLD ZINC			6																	
				16	FS-06073 SFHCS, 0.38-16 X 0.75L SS 18-8 PLAIN			4																		
C																										
									B	<p>THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ARMORED WORKS, LLC. UNAUTHORIZED REPRODUCTION IS PROHIBITED.</p> <p style="text-align: center;">DO NOT SCALE DRAWING</p> <p>PART NUMBER/DESCRIPTION 6200 OVERLAND FLARE, JL FRONT</p>																
																		A	<p style="text-align: right;">Metal Cloak A DIVISION OF ARMORED WORKS, LLC</p>							

Section 3: Installation Instructions

Step 1: Remove Front Stock Fender and Inner Fender Well

- A. Remove the plastic rivets. You may choose to cut these off or drill out if you do not have a plastic rivet removal tool readily available.
- B. Disconnect the light cables and then pull the flares up and away from the Jeep, working from one end of the flare to the other.
- C. Remove the remaining plastic clips with a pair of needle nose pliers.

Note: Do not be concerned if you break some clips in the process, you will not need them.



Section 3: Installation Instructions

Step 2: Front Overland Fender Bracket Installation

- D. Drill the stock holes marked in the diagram to 3/8". MetalCloak recommends painting any exposed metal to prevent rust.
- E. Insert the front fender bracket and install the 4 button head bolts snug.
- F. Mark the 3 holes on the bottom of the bracket.

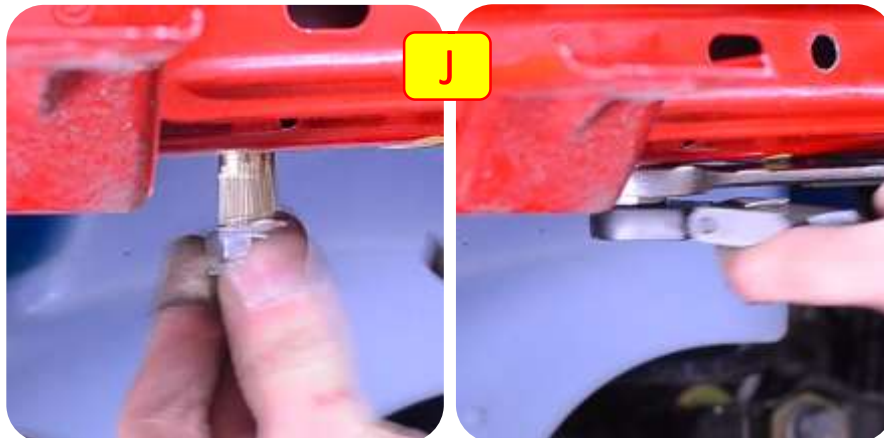
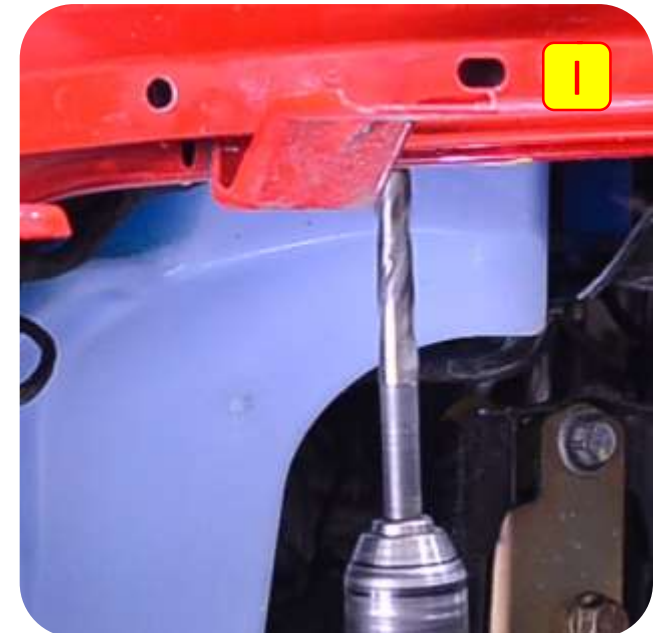
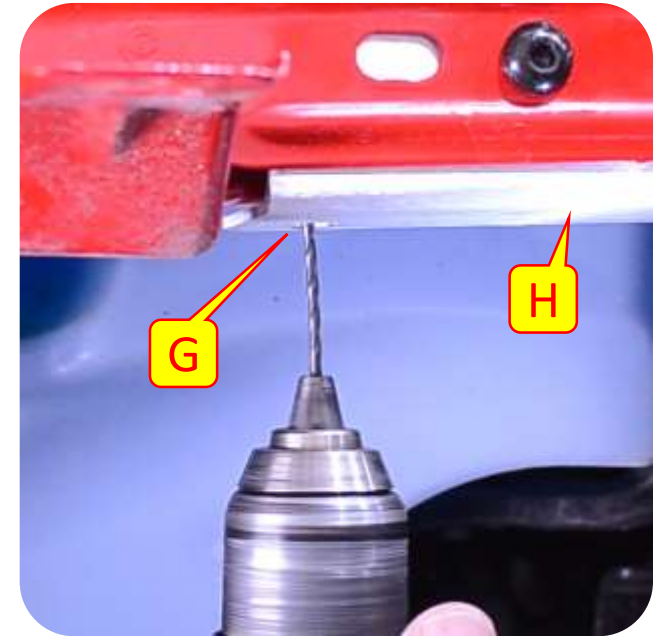


Section 3: Installation Instructions

Step 2: Front Overland Fender Bracket Installation

Important Note: You will be drilling through hardened steel. (**don't be surprised that it is difficult to drill through*) MetalCloak recommends drilling a small pilot hole and to then use a step bit up to 17/32". Apply pressure and use low RPMs; high drill speed will cause excessive heat dulling the bit and can cause your drill bits to break.

- G. Center punch and drill out the holes that need to be added. Make a pilot hole using a small drill bit.
- H. Remove the front fender bracket.
- I. Slowly increase the size of the drill bit finishing with the 17/32" drill bit. Working up in size will help keep your hole placement centered.
- J. Use a 11/16" box wrench and a 9/16" socket or box wrench to Install rivet nuts using the provided rivet nut tool.



Section 3: Installation Instructions

Step 3: Front Overland Fender Installation

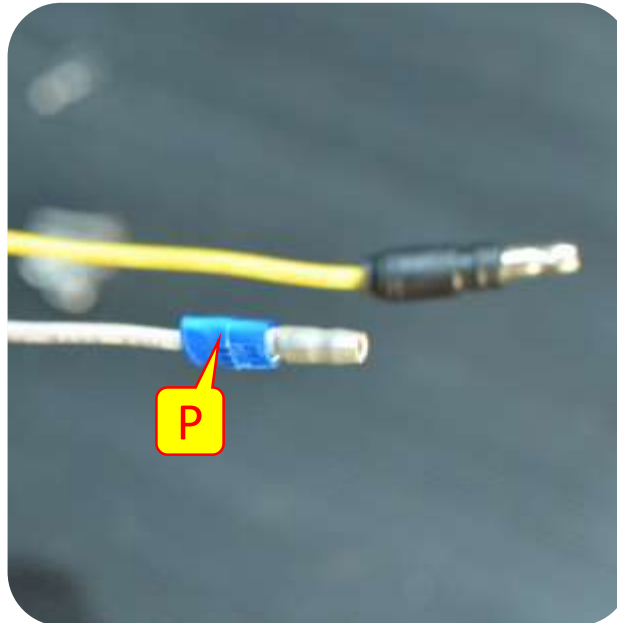
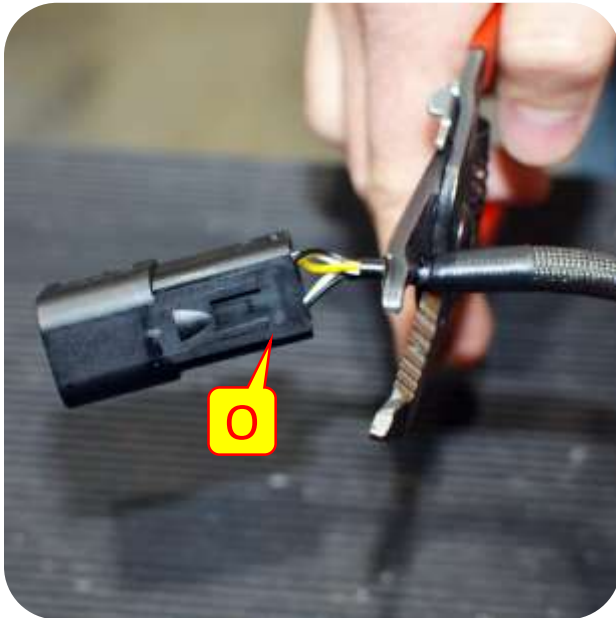
- K. Reinstall the front fender bracket and install the bottom button head bolts hand tight.
- L. Align the fender to the body and install the provided hardware hand tight.
- M. Install countersunk bolts hand tight.
- N. Tighten all hardware
Button Head Bolts – 9/16" Wrench & 7/32" Allen Hex Head Bolts – 3/8" wrench & 7/16 wrench
Countersunk Bolts – 7/32" allen wrench



Section 3: Installation Instructions

Step 4: Front Overland Fender Lights

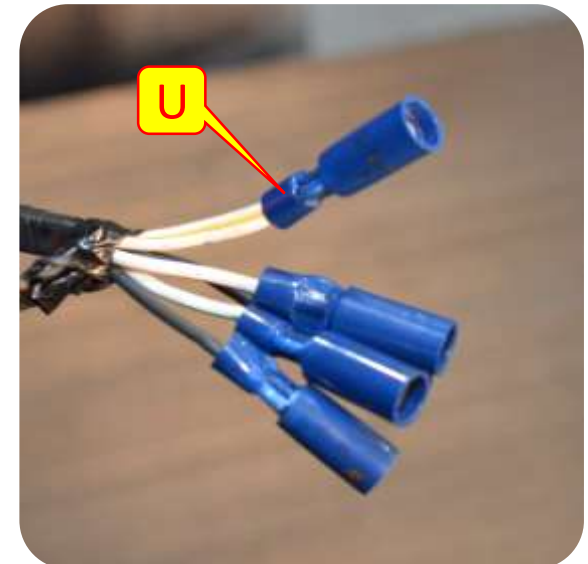
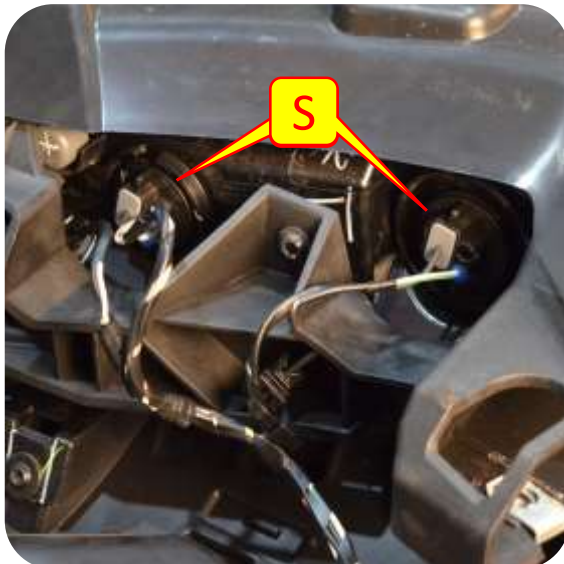
- O. On the provided running light use snips to remove the white wire connection.
- P. Strip and crimp the end of the wires with the provided butt connector.
- Q. Using a T20 torx wrench install the running light to the fender.



Section 3: Installation Instructions

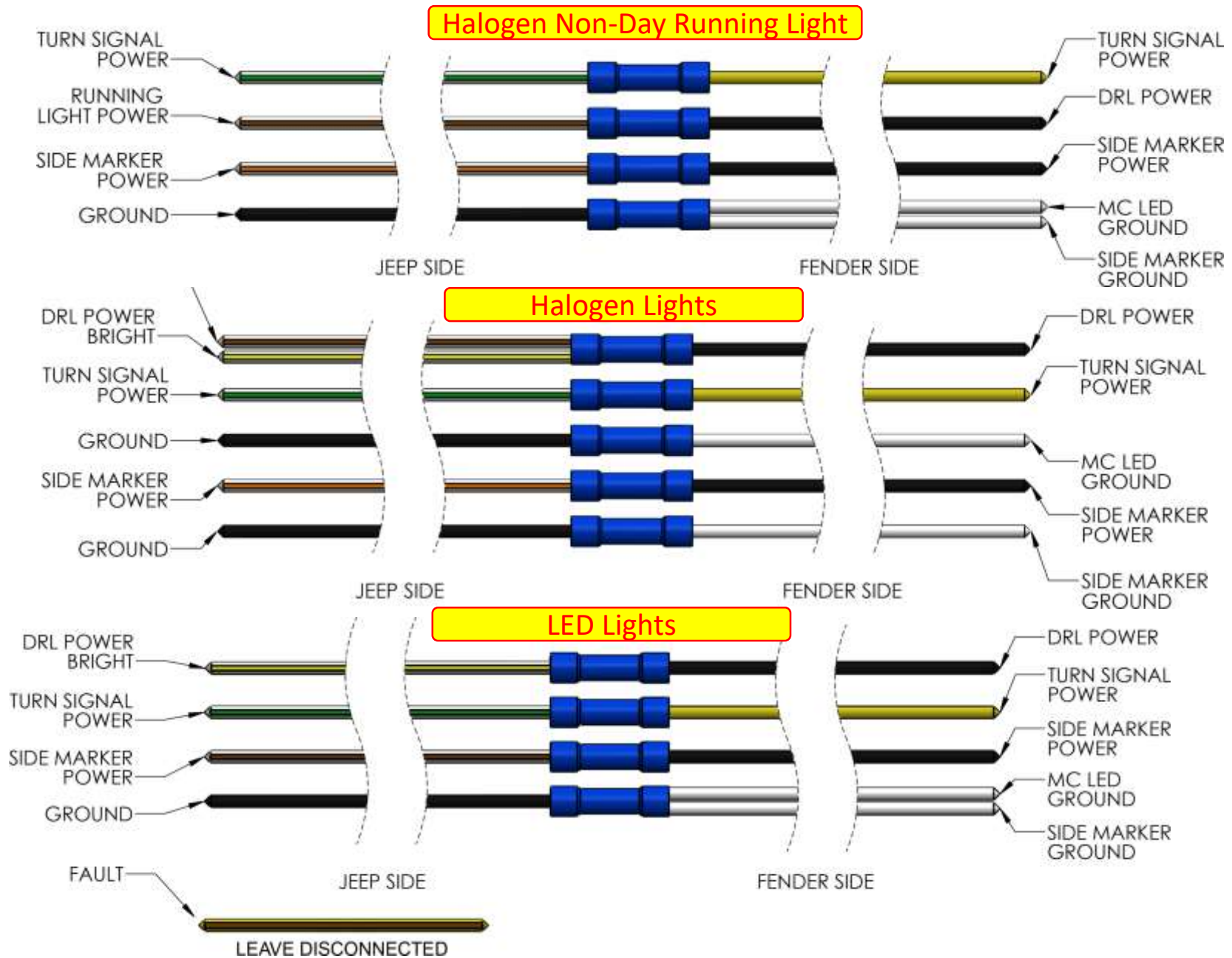
Step 4: Front Overland Fender Lights

- R. Install the provided marker light into the back of the fender by removing the rubber grommet, install the grommet then install the marker light.
- S. On the stock fender disconnect the bulb or led running lights and cut the zip ties to remove the wiring harness.
- T. Measure the wiring harness from the plug end to 24" and cut the wiring harness wires. (Note this should be cut right before the split of the two ground wires)
- U. Strip and crimp a butt connector to the wires from the wiring harness (see diagram on page 8).



Section 3: Installation Instructions

Step 4: Front Overland Fender Installation



Section 3: Installation Instructions

Step 4: Front Overland Fender Lights

- V. Reconnect the wiring harness and zip tie the harness up and out of the way.

Note: You may reinstall the stock fender wells with modifications.

