KIT, BCN FOR UTIL RCK

CATALOG NUMBER

66122

PRODUCT FEATURES

Maxxima work light kit that includes two work lights, mounting hardware, and wiring to connect and power the work lights. The work lights will be mounted to the rear D-pillar, on both sides of the van. This gives the end user lighting outside their rear doors. The kit has cut to length wiring, making it usable for any size van. There is a switch included in the kit that will be installed in the D-pillar beneath the work light on the driver's side.

Introduction / Comments:

Install Instructions For Dual Work Lights On The Rear D Pillar

Note:

Read all instructions prior to installation. Review the Adrian Steel **GENERAL PRECAUTIONS PAGES (56638**) before attempting installation. Only personnel familiar with using electrical best practices should perform this install. Reference **ELECTRICAL BEST PRACTICES MANUAL (54479)** before attempting installation.

Installation Instructions For Dual Work Lights On The Rear D Pillar

Kit Includes:

Component	Quantity	Description
66123	1.0000	HARN WRKLGT W/SW DUAL RR
6105169AA	1.0000	NUT,M8,FUSE BOX,SPR
BAG66122	1.0000	FAS BAG WRK LGT DUAL RR
66124	1.0000	INS WRK LGT W/SW DUAL RR
64236	2.0000	WORK LIGHT,MAXXIMA MWL-36
BAG0406-A	1.0000	BAG, 4X6 3MIL
FAS0052	8.0000	PLUSNUT,1/4-20 PB DC
FAS0018	8.0000	SCREW,HFLNG 1/4-20X.62 ZP
FAS0060	8.0000	WASHER,LCK SPLIT 1/4 ZP
FAS0159	1.0000	NUT,HEX PRVTQ M6X1.0 ZP

Tools required:


Power drill and 3/8” step drill bit


1/4” plus nut gun and 7/16” socket


Phillips head bit and driver


Wire strippers and crimper

Sockets for Transit, GM, and Promaster 12V power points

Switch diagram

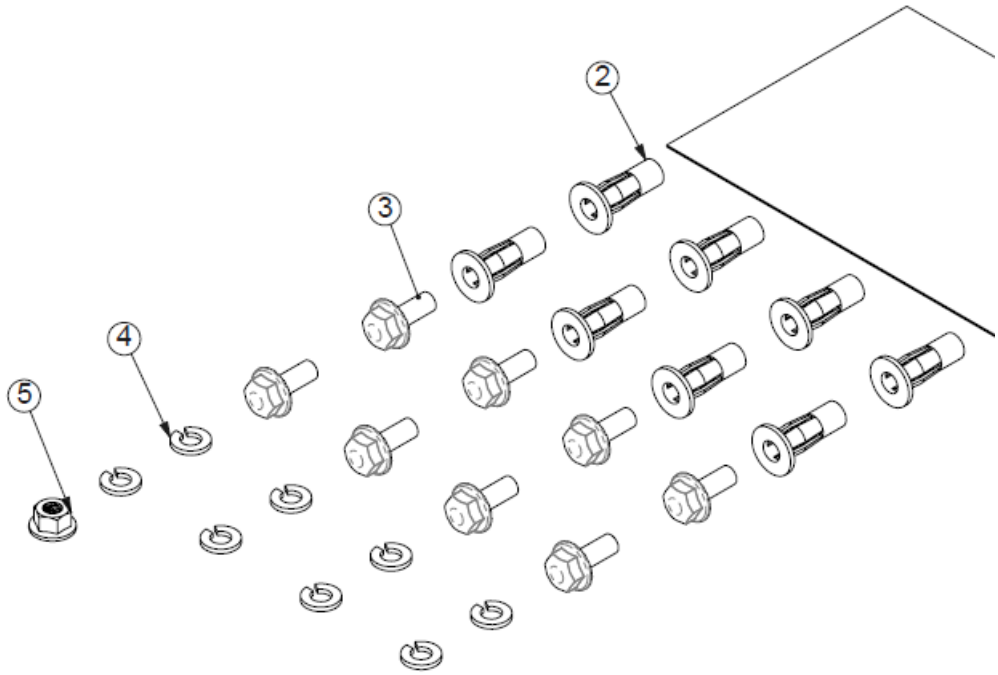
Red wire

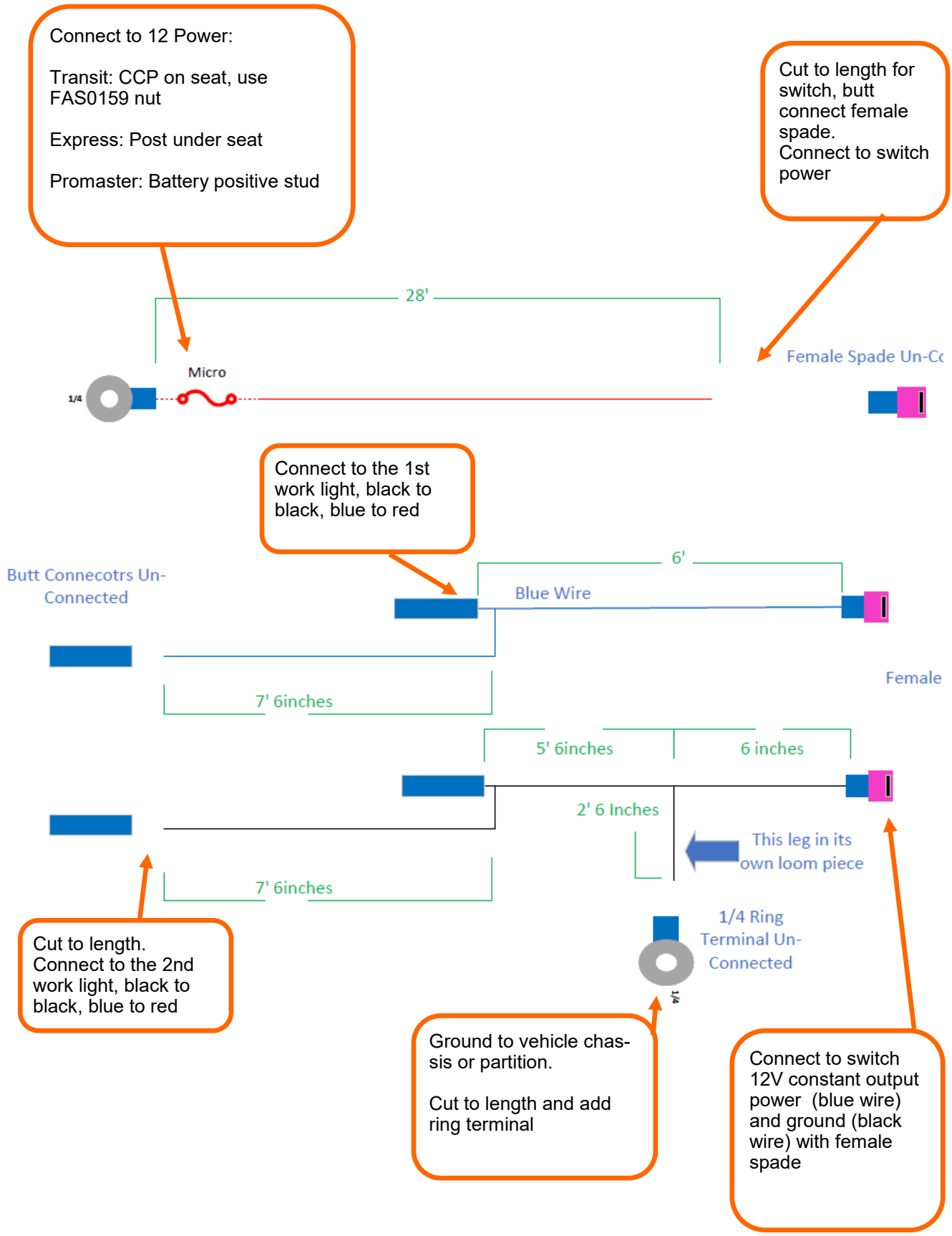
Blue Wire

Black Wire

Fastener Bag

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0406-A	4" x 6" 3MIL AUTOBAG	1
2	FAS0052	PLUSNUT, 1/4-20 PB DC	8
3	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	8
4	FAS0060	WASHER,LCK SPLIT 1/4 ZP	8
5	FAS0159	NUT, HEX TPLK M6X1.0	1

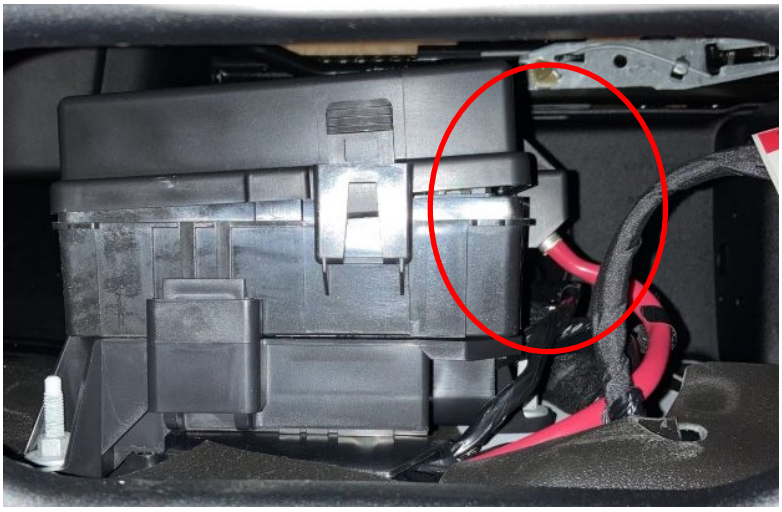



Connect to 12 Power:
Transit: CCP on seat, use FAS0159 nut
Express: Post under seat
Promaster: Battery positive stud
Cut to length for switch, butt connect female spade.
Connect to switch power
28'
Micro
1/4
Female Spade Un-Cc
Connect to the 1st work light, black to black, blue to red
6'
Blue Wire
Butt Connecotrs Un-Connected
Female
7' 6inches
5' 6inches
6 inches
2' 6 Inches
This leg in its own loom piece
7' 6inches
1/4 Ring Terminal Un-Connected
1/4
Cut to length. Connect to the 2nd work light, black to black, blue to red
Ground to vehicle chas-sis or partition.
Cut to length and add ring terminal
Connect to switch 12V constant output power (blue wire) and ground (black wire) with female spade

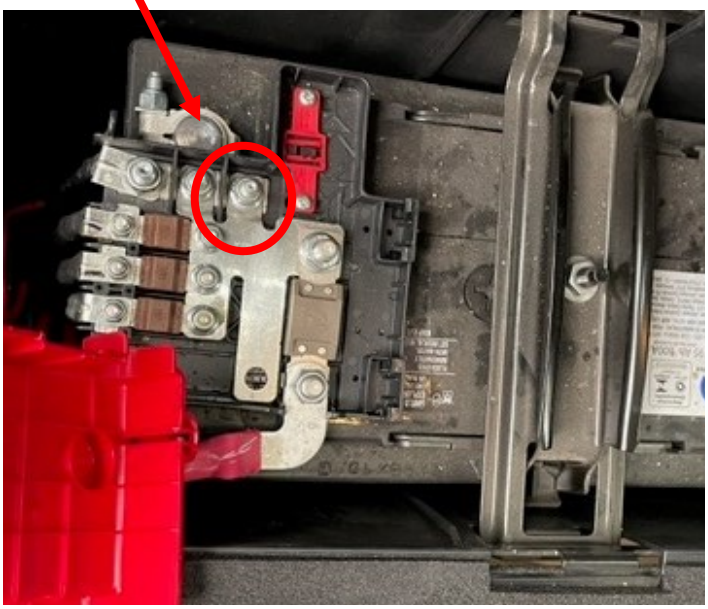
Battery Connection Points:

Transit CCP:

GM Express:



RAM Promaster:



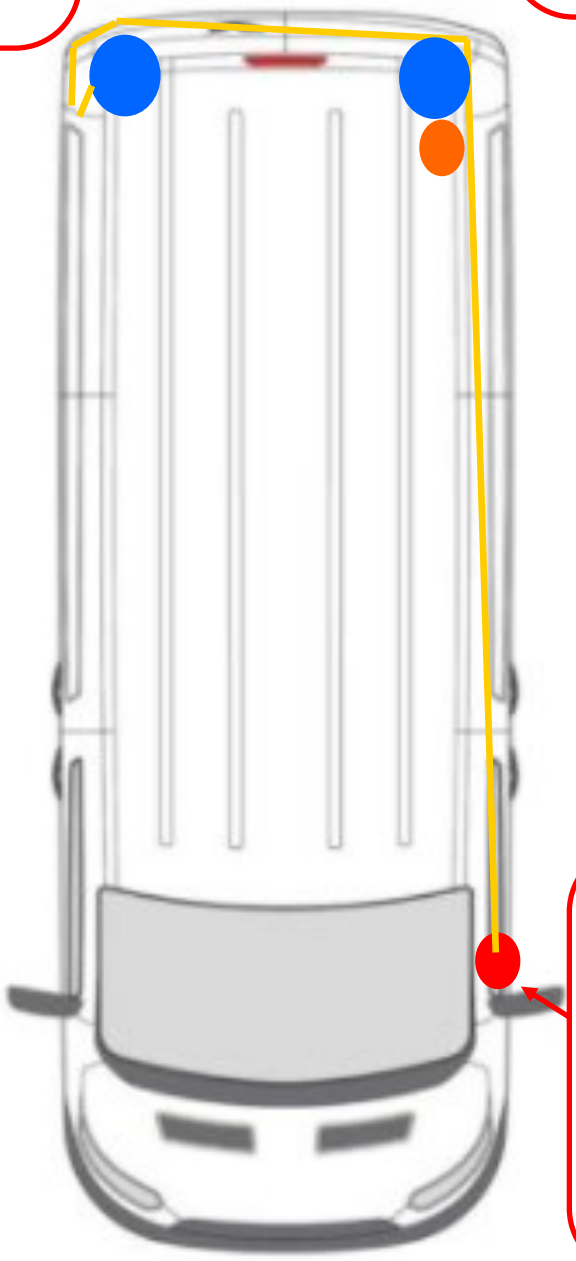
Routing shown with yellow lines.

From 12V positive point, up partition, through partition gap, down the length of the van following OEM harness (if applicable), then to the switch.

From switch to the work lights.

Work lights (blue) mounted on D pillar, switch (orange) mounted on D pillar below light.

Switch mounted on street side of the D-Pillar.

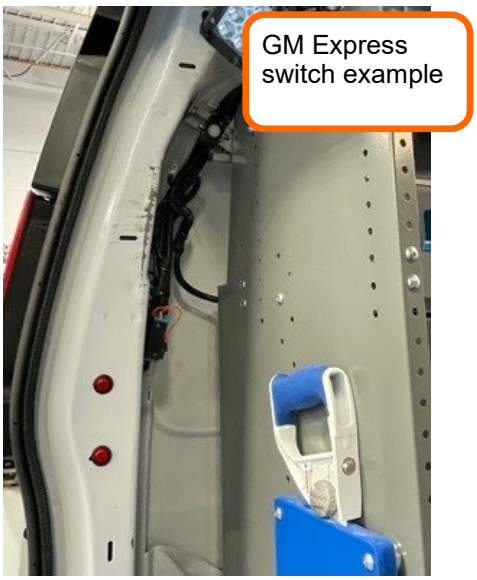


12V positive point:

Transit: CCP on seat, use FAS0159 nut

Express: Post under seat

Promaster: Battery positive stud



Step 1: Disconnect the negative OEM battery cable.

Connect harness #1 to power: Be sure the 5 Amp micro fuse is not in the fuse holder.

Reference page 5 for pictures.

Transit: CCP on seat, use FAS0159 nut

Express: Post under the driver's seat

Promaster: Battery positive stud

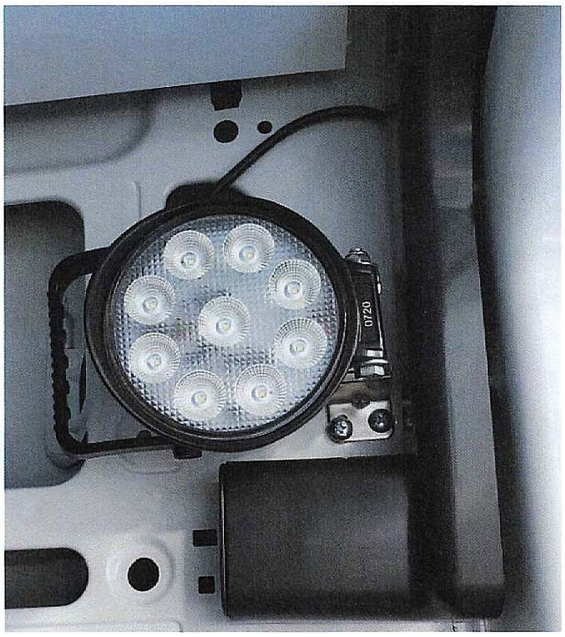
Step 2: Drill a hole in the desired location for the switch. The switch should be placed on the street ide of the D pillar, installer to determine best location for interior.

For Transit vans, ideal location is the plastic rectangle trim piece on the D-Pillar.

For Promaster vans, the ideal location is in the D-Pillar trim panel

For Gm Vans, the ideal location on the side of the D-Pillar

See pictures for reference.



Step 3: Determine desired location for the work lights. Drill 4 3/8” holes to mount the work lights in the D pillar locations.
See pictures to the left for example.

Set 4 FAS0052 plus nuts in the drilled holes. (Per each light)

Mount the light using 4 FAS0062’s and 4 FAS0018’s. (Per each light)

Step 4: Route harness #1 to the switch location by running up the partition and straight back along the OEM harnesses as much as possible.

Cut the blunt end to length and crimp the female spade connector onto the end.

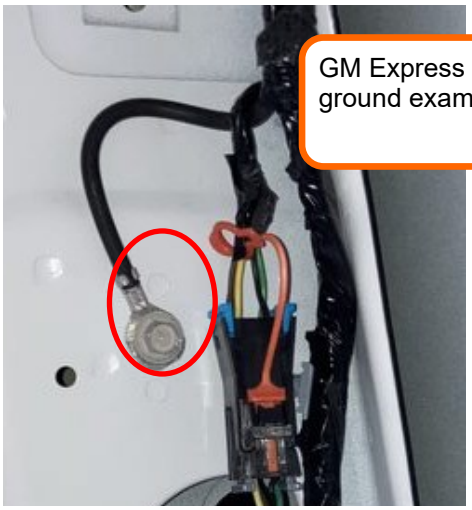
Step 5: Connect the 3 female spade connectors to the correct switch terminals.

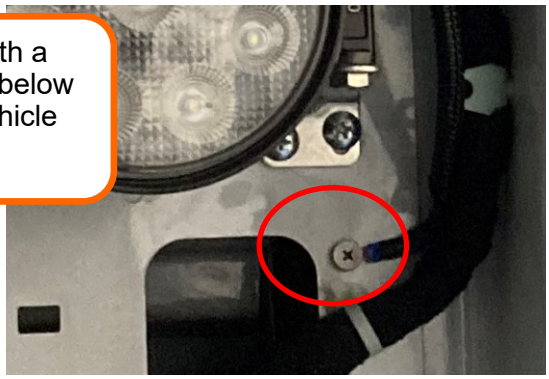
See the switch diagram below and page 3.

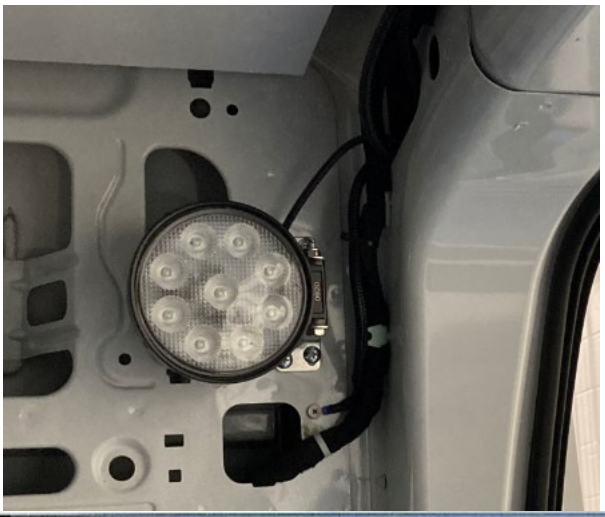
Black Wire: Ground (Gold)
Blue Wire: 12V Constant (Middle)
Red Wire: Power (Opposite of ground)

Ground the black wire to the vehicle chassis with a tek screw or existing OEM ground

See next page for picture references for grounds.







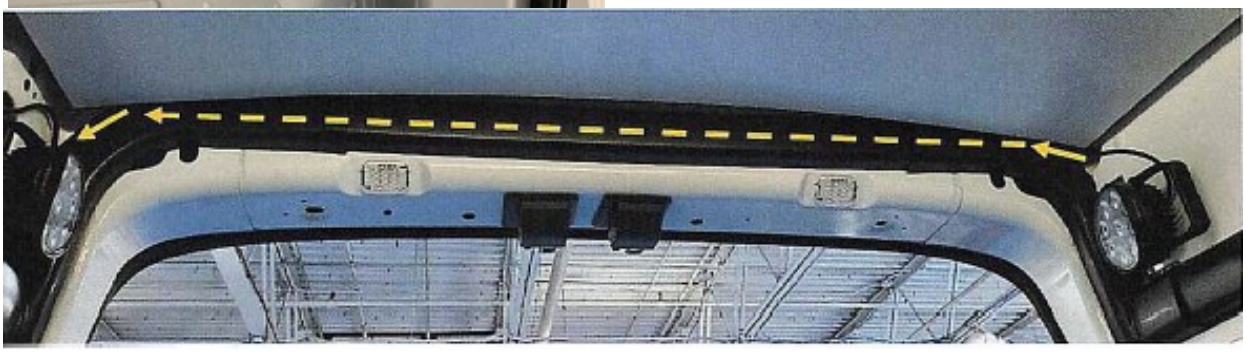
Step 6: Route the black and blue wires up to the closets work light to the switch.

Crimp the blue wire to the red wire of the work light, and then the black wires together.

Route the last two butt connectors across the upper rear door to the other work light. (See picture below)

Crimp the blue wire to the red wire of the work light, and then the black wires together.

Be sure to leave some extra cable in a loop to allow the light to rotate and fold up/down.



Secure all wiring with cable ties and sticky back. Make any service loops needed to hide extra wiring.

The Installation is now complete. Make sure all cabling is secure.

Insert the 5 Amp micro fuse into the fuse holder.

Connect the OEM negative battery cable.

Verify the light and switch works as expected.