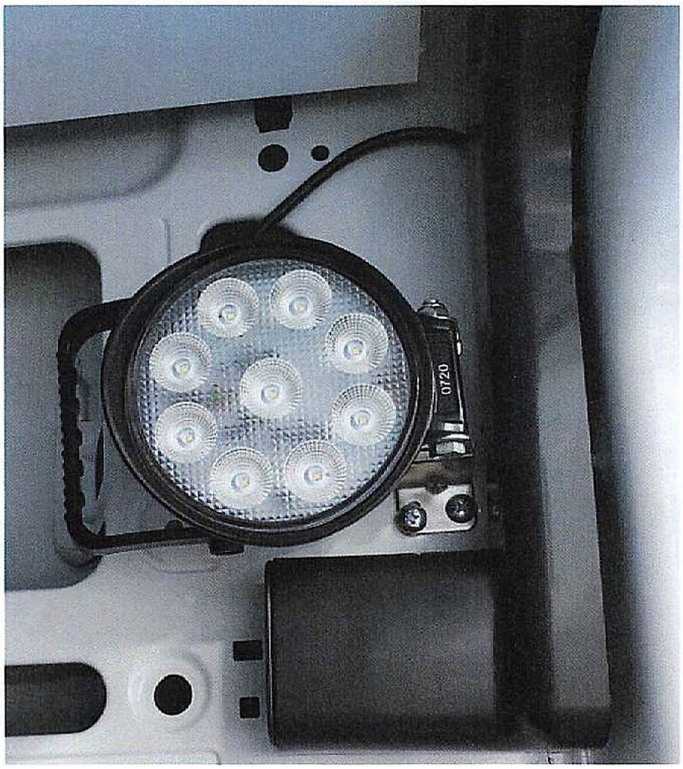
KIT, BCN FOR UTIL RCK

CATALOG NUMBER

66119



PRODUCT FEATURES

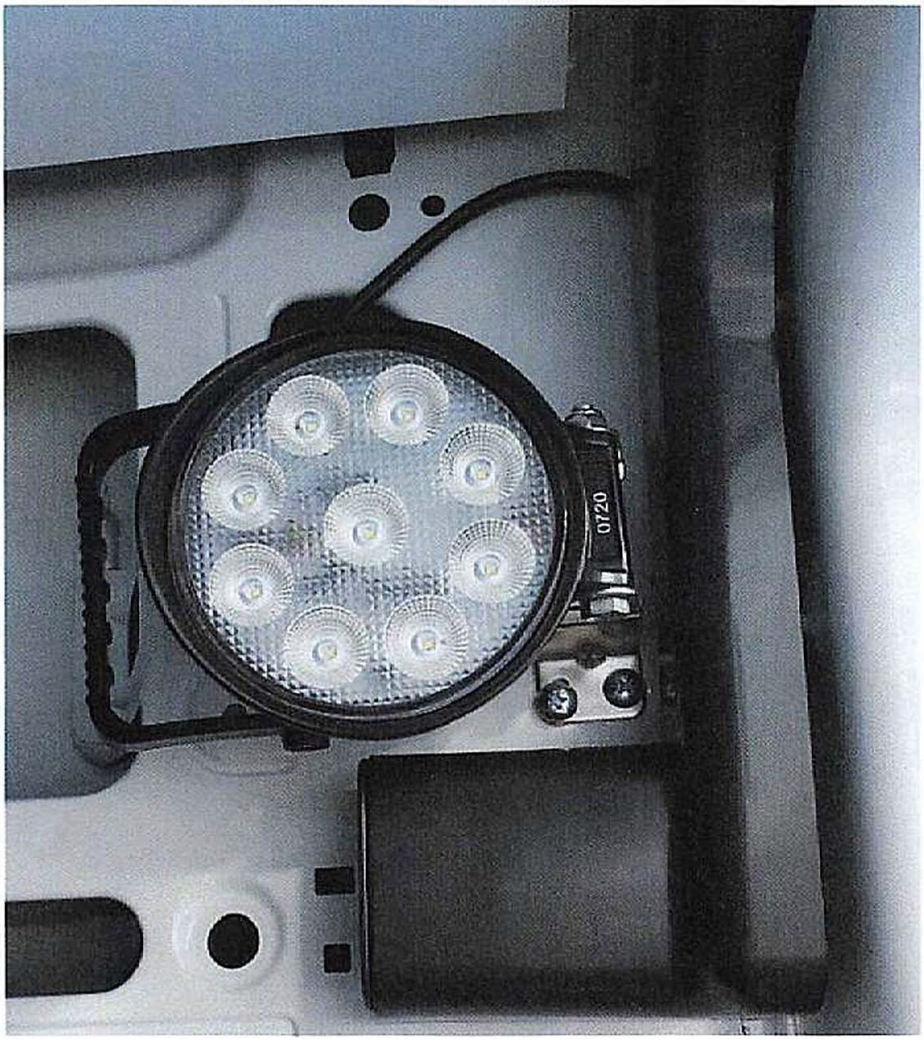
Maxxima work light kit that includes one work light, mounting hardware, and wiring to connect and power the work light. This work light will be mounted to the rear D-pillar, on either side of the van. This gives the end user lighting outside their rear doors. The kit has cut to length wiring, making 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.

Introduction / Comments:

Install Instructions For A Single Work Light 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 A Single Work Light On The Rear D Pillar

Kit Includes:

Component	Quantity	Description
66120	1.0000	HARN WRKLGT W/SW SGL RR D
6105169AA	1.0000	NUT,M8,FUSE BOX,SPR
BAG66119	1.0000	FAS BAG WRK LIGT SING RR
66121	1.0000	INS WRK LGT W/SW SGL RR D
64236	1.0000	WORK LIGHT,MAXXIMA MWL-36
BAG0406-A	1.0000	BAG, 4X6 3MIL
FAS0052	4.0000	PLUSNUT,1/4-20 PB DC
FAS0060	4.0000	WASHER,LCK SPLIT 1/4 ZP
FAS0018	4.0000	SCREW,HFLNG 1/4-20X.62 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

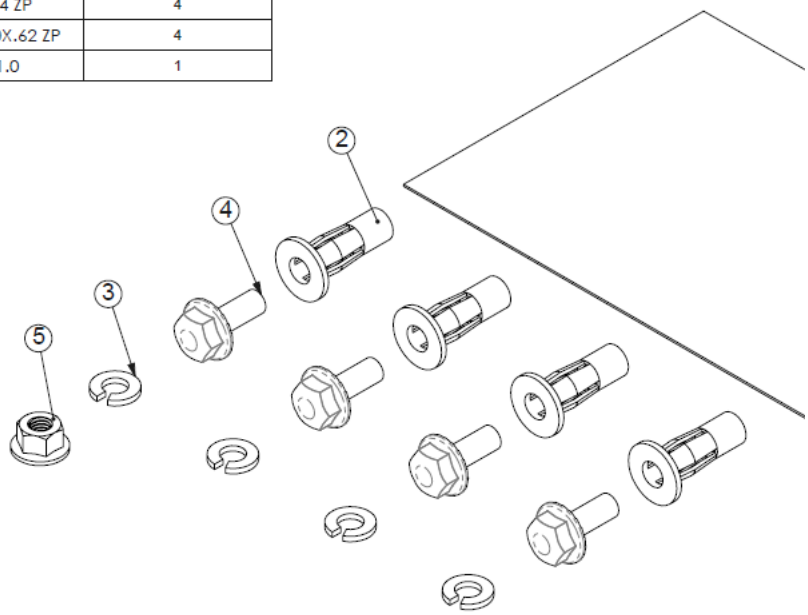
Red wire

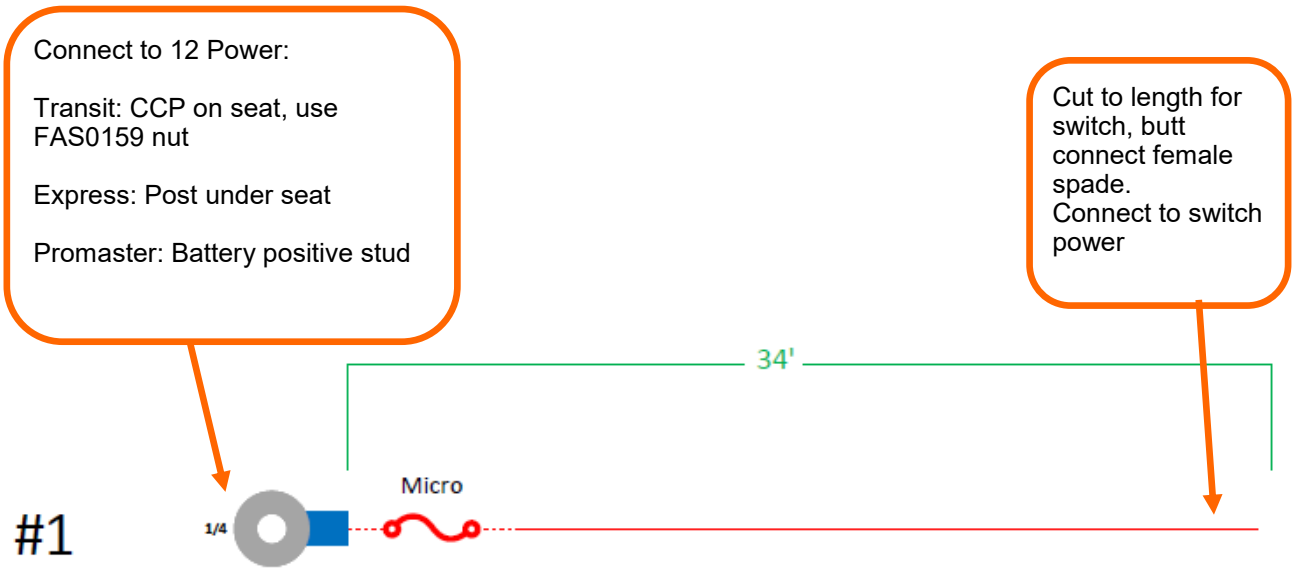
Blue Wire

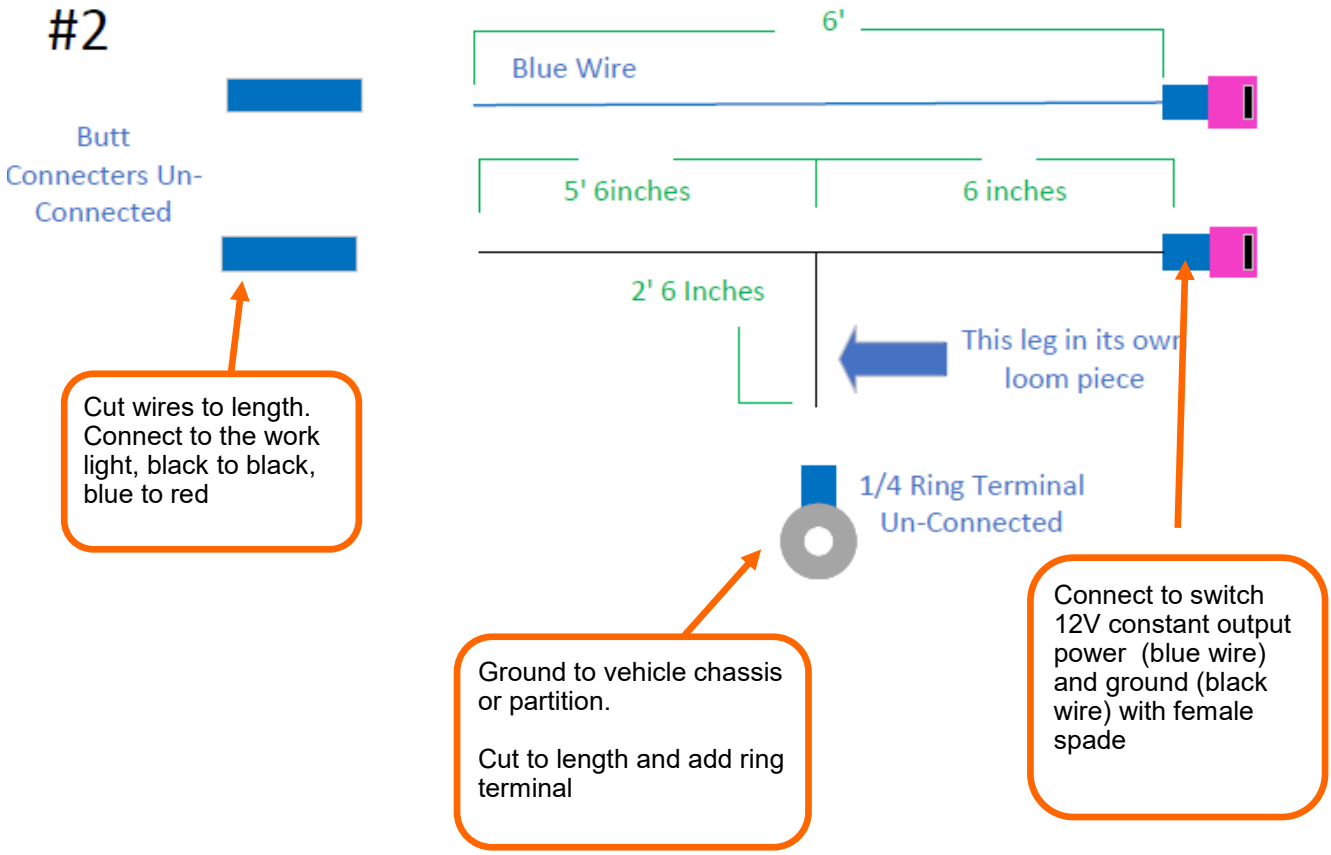
Black Wire

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	4
3	FAS0060	WASHER,LCK SPLIT 1/4 ZP	4
4	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	4
5	FAS0159	NUT, HEX TPLK M6X1.0	1



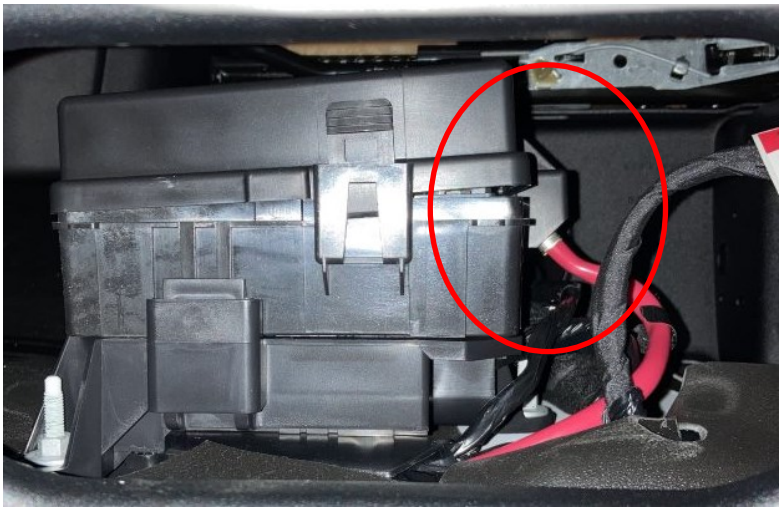

Connect to 12 Power:
Transit: CCP on seat, use FAS0159 nut
Express: Post under seat
Promaster: Battery positive stud
Cut to length for switch, butt connect female spade.
Connect to switch power
34'
#1
1/4
Micro


#2
Butt Connecters Un-Connected
6'
Blue Wire
5' 6inches
6 inches
2' 6 Inches
This leg in its own loom piece
1/4 Ring Terminal Un-Connected
Cut wires to length. Connect to the work light, black to black, blue to red
Ground to vehicle chassis 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

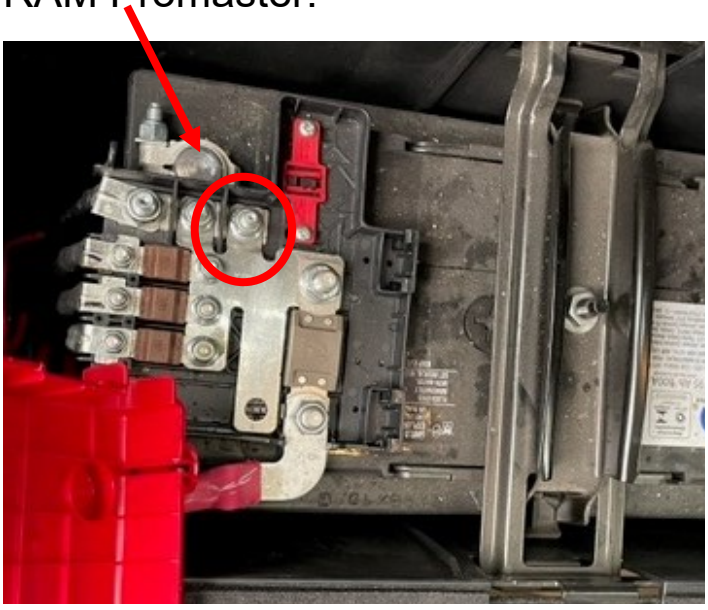
Battery Connection Points:

Transit CCP:

GM Express:



RAM Promaster:



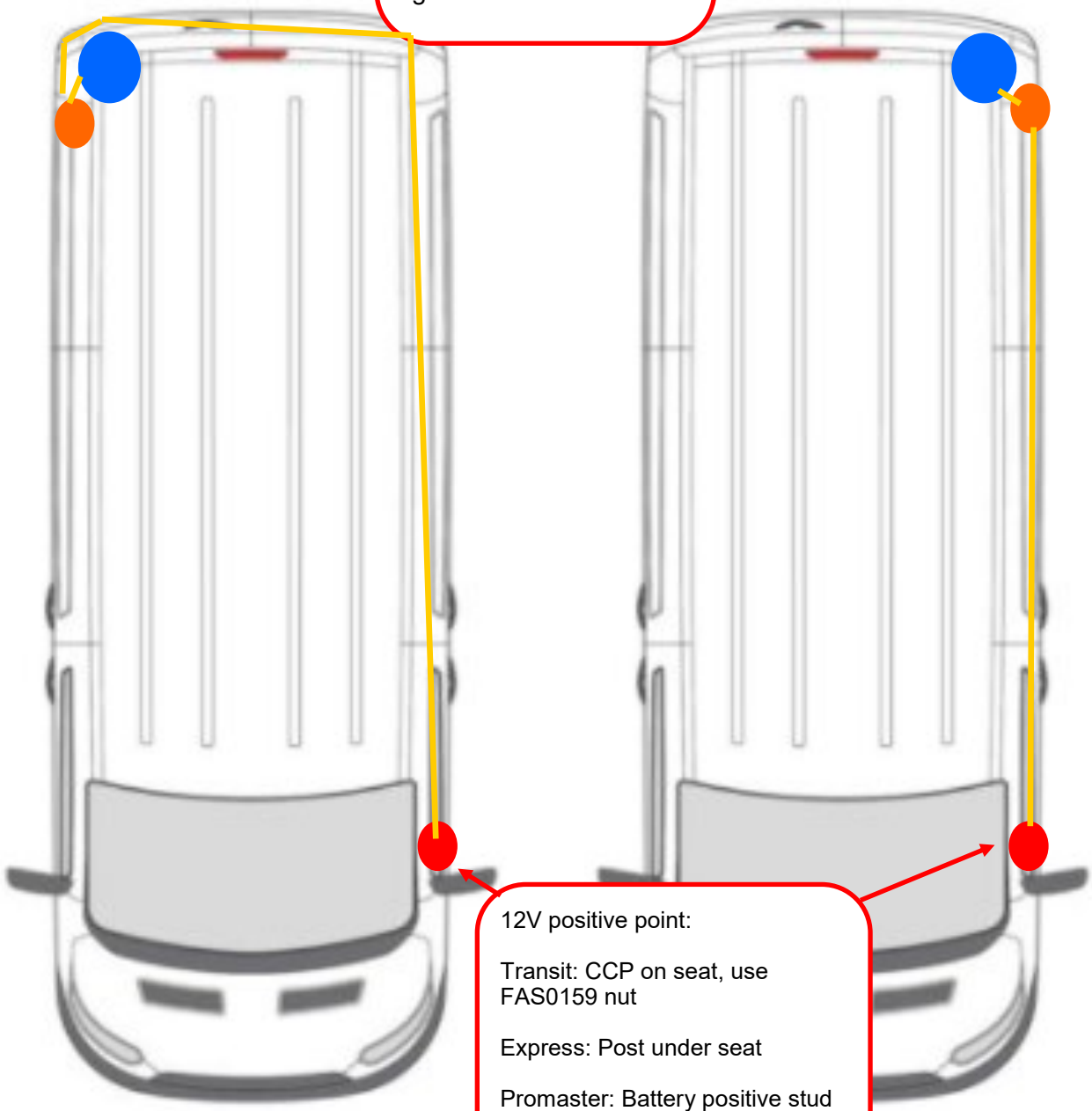
Light mounted on rear passenger side

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

Wires routed (yellow) from 12V positive, up partition, into the cargo area, and back to the switch location in D pillar. Follow OEM harness back.
Then from switch to the light.

Light mounted on rear driver side

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

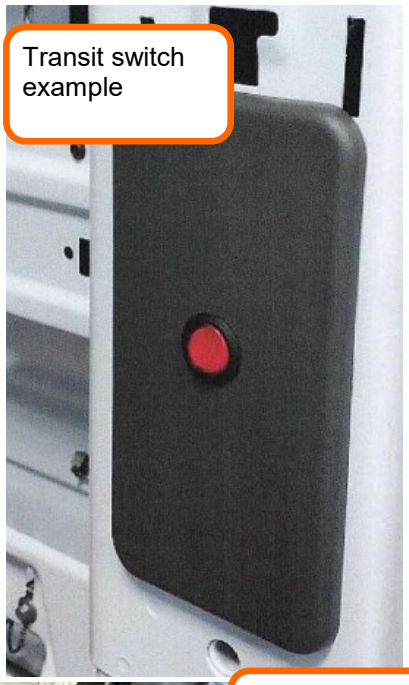


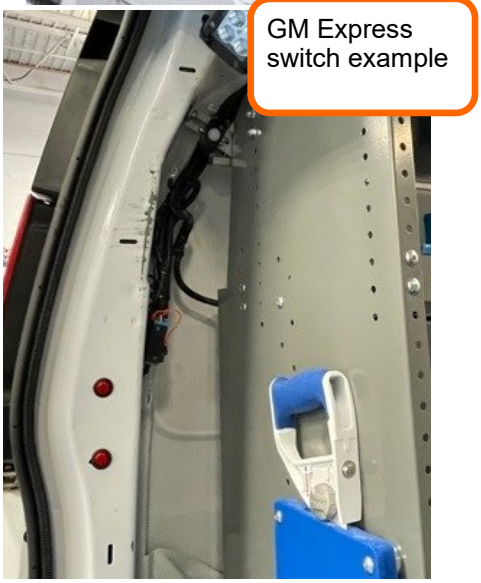
12V positive point:

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 –on fuse box

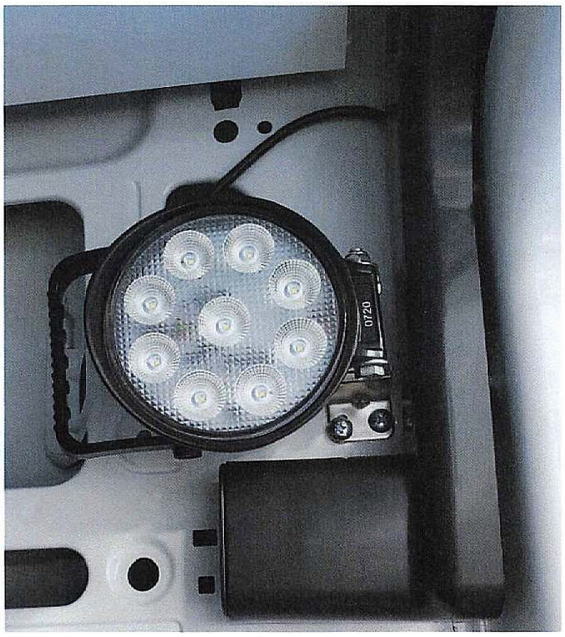
Step 2: Drill a hole in the desired location for the switch. The switch should be placed on the D-pillar, installer to determine best location for interior.

For Transit vans, ideal location is the plastic rectangle trim piece on either side of 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 light. Drill 4 3/8” holes to mount the work light in the D pillar location.
See pictures to the left for example.

Set 4 FAS0052 plus nuts in the drilled holes.

Mount the light using 4 FAS0062’s and 4 FAS0018’s.

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.

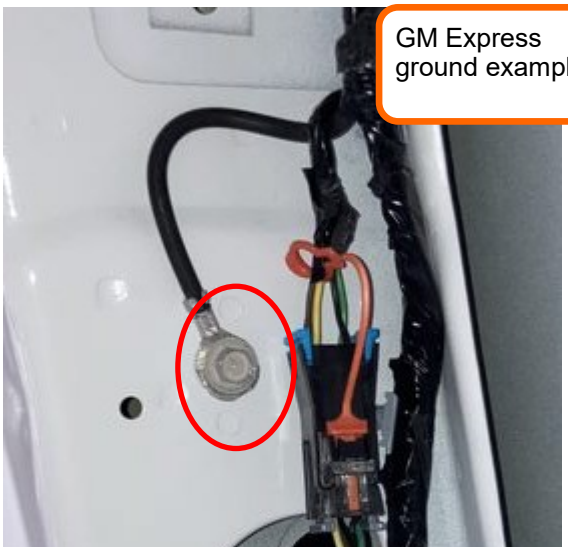
Step 5: Connect the 3 female spade connectors to the correct switch terminals.

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 wire up to the work light. 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.