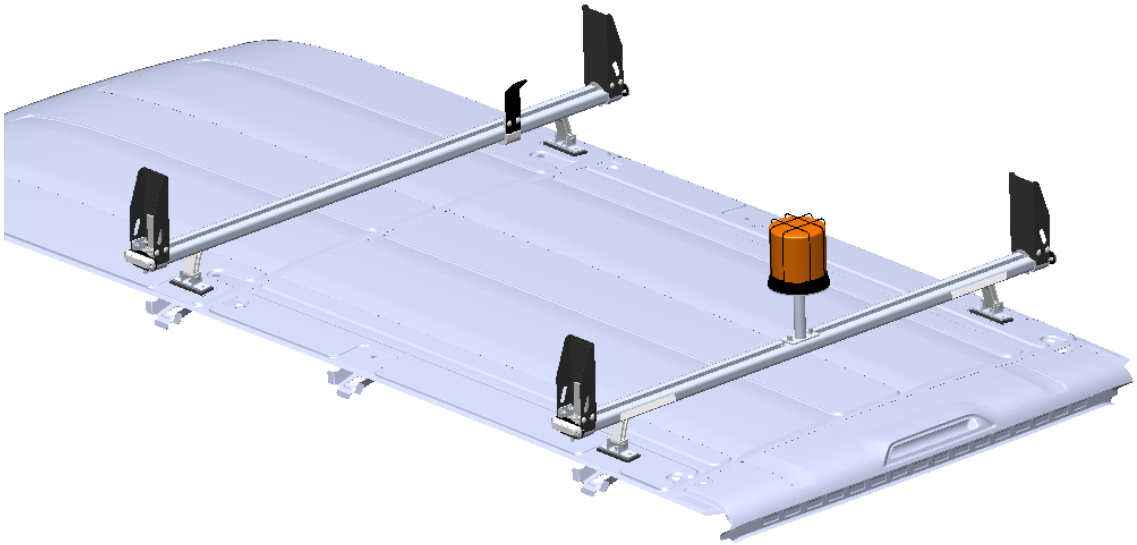
KIT, BCN FOR UTIL RCK

CATALOG NUMBER

66095



PRODUCT FEATURES

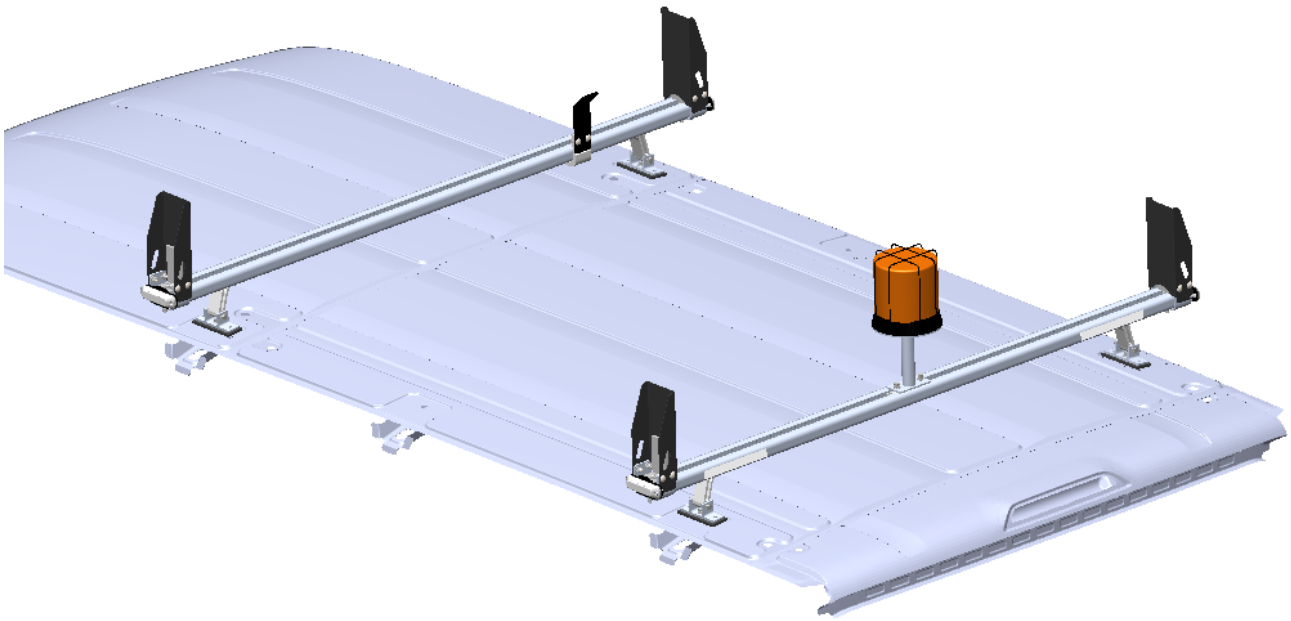
4 corner Ecco strobe light kit that includes, strobe brackets, strobes, and mounting hardware. The strobe brackets will replace the 4 end caps of the utility rack, along with mounting screws. This kit comes with wiring to get into the van cargo area, then the installer to finish the wiring. Thus, this kit can be used on any van, big or small, with a utility rack.

Introduction / Comments:

Install Instructions For Utility Rack Strobe Kit

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 Utility Rack Strobe Kit

Kit Includes:

Component	Quantity	Description
58758	4.0000	ECCO STROBE LIGHT ED3704
66097	1.0000	HARN, UTL RCK STRB KIT
66098	1.0000	INS UTIL RCK STRB KIT
BAG66095	1.0000	FAS BAG STRB UTIL RCK
66103-B	1.0000	UTILITY RCK STRB BRKT
26618-0	1.0000	SILICONE, 1 OZ TUBE

Component	Description	Qty	V
BAG0406-A	BAG, 4X6 3MIL	1.0000	
FAS0501	NUT,HEX NLK 8-32 SS	8.0000	
FAS0502	SCREW,FHPSD 12-14X1.00 SS	8.0000	
FAS0503	SCREW,RHP 8-32X.75 SS	8.0000	
65314	CABLE GLANDE & NUT, PG11	2.0000	
FAS0842	SCREW, FHP TEK 18-8X.5 SS	14.0000	
66843	NYLON CLAMP 3/8" ID	14.0000	

Tools required:

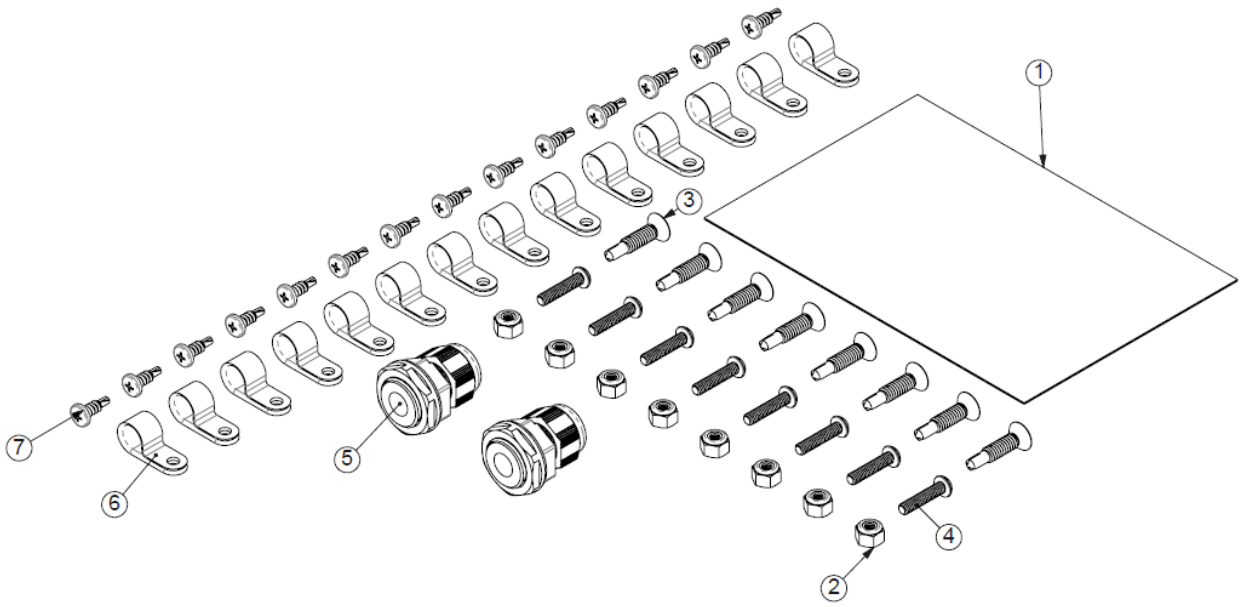

Power drill, 3/8” step drill bit , and a 47/64” drill bit (or hole saw)


#2, #3 Phillips bit and 11/32” wrench or socket


Wire strippers and crimper

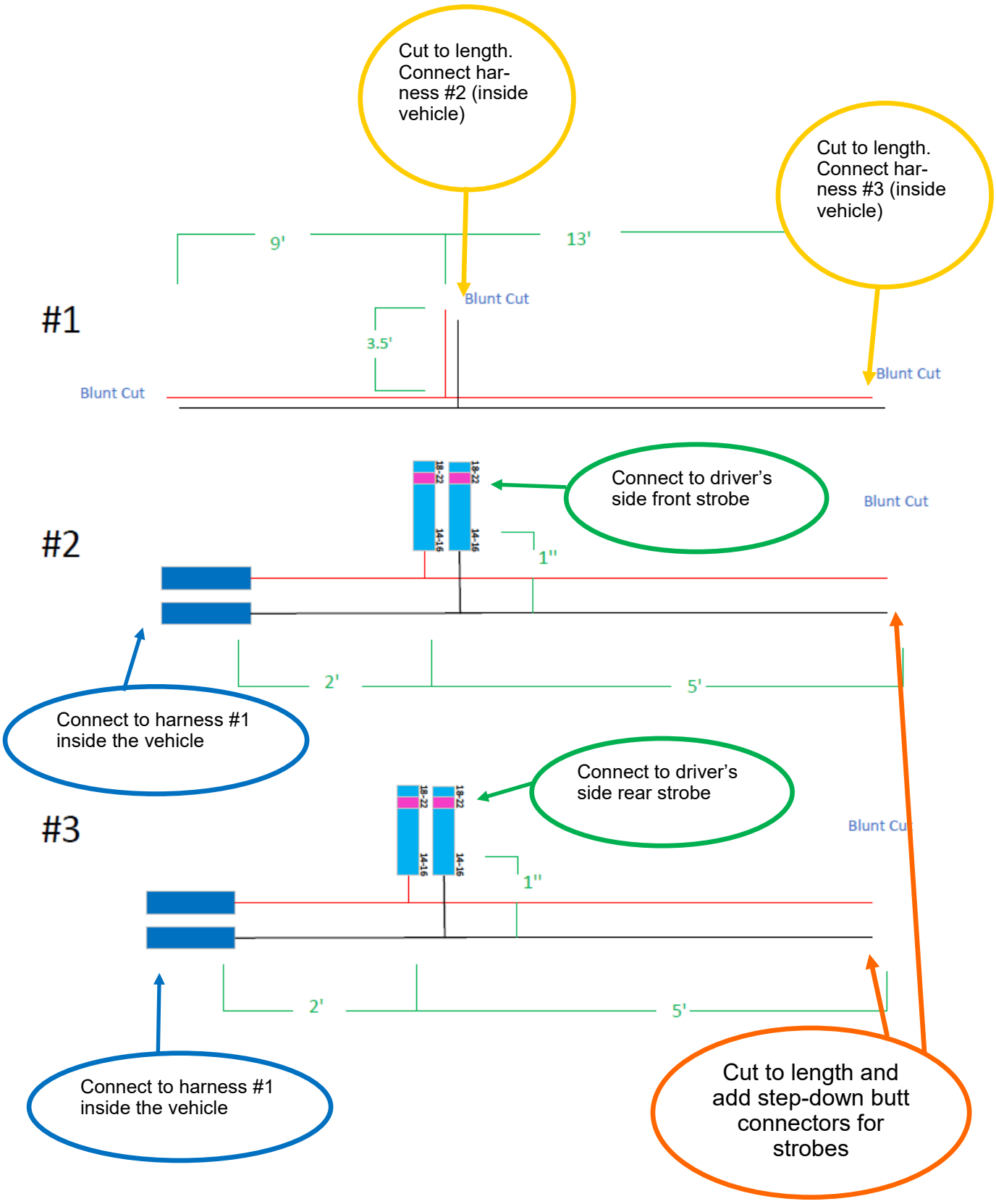
Fastener Bag

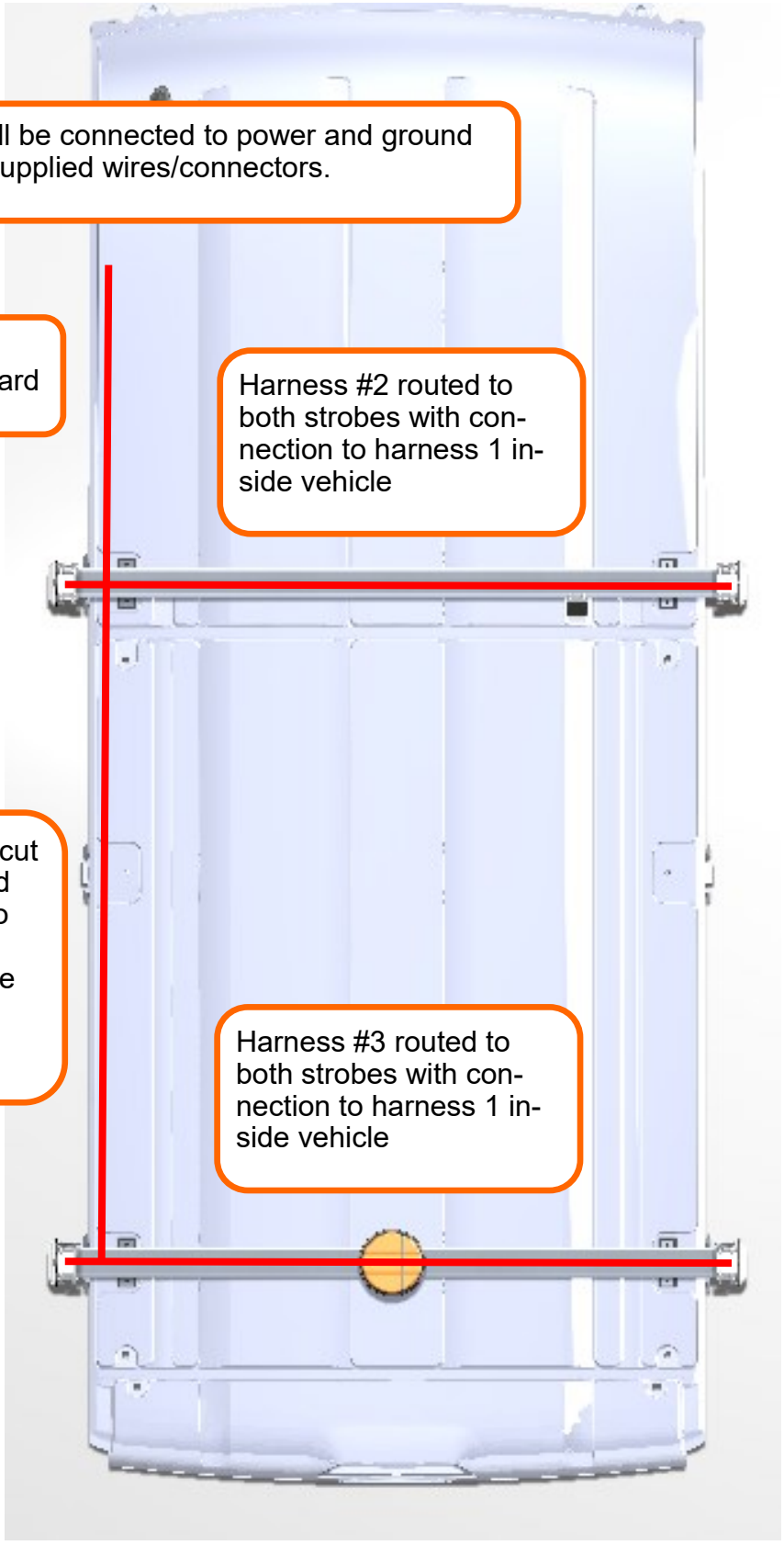
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0406-A	4" x 6" 3MIL AUTOBAG	1
2	FAS0501	NUT,HEX NLK 8-32 SS	8
3	FAS0502	SCREW,FHPSD 12-14X1.00 SS	8
4	FAS0503	SCREW,RHP 8-32X.75 SS	8
5	65314	Vented Plastic Submersible Cord Grip	2
6	66843	Nylon Clamp 3/8" ID	14
7	FAS0842	SCREW,FHP TEK 18-8X.5 SS	14



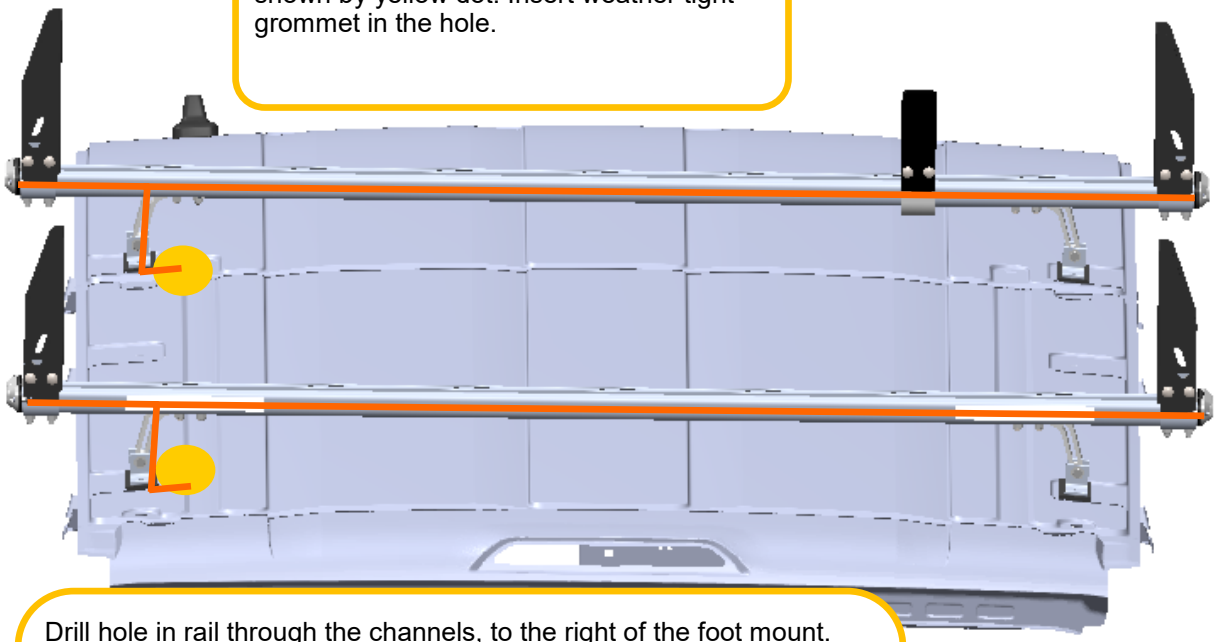
*****TORQUE*****
Torque all strobe fasteners to 10 in-lbs.
DO NOT OVER TIGHTEN

DO NOT MOUNT ON A CURVED SURFACE


Cut to length. Connect harness #2 (inside vehicle)
Cut to length. Connect harness #3 (inside vehicle)
9'
13'
Blunt Cut
#1
3.5'
Blunt Cut
Blunt Cut
Connect to driver's side front strobe
Blunt Cut
#2
18-22
14-16
1"
2'
5'
Connect to harness #1 inside the vehicle
Connect to driver's side rear strobe
Blunt Cut
#3
1"
2'
5'
Connect to harness #1 inside the vehicle
Cut to length and add step-down butt connectors for strobes


This end will be connected to power and ground using non supplied wires/connectors.
Harness #1 routed rearward
Harness #2 routed to both strobes with connection to harness 1 inside vehicle
Harness #1 cut to length and connected to harness # 2and 3 inside vehicle.
Harness #3 routed to both strobes with connection to harness 1 inside vehicle

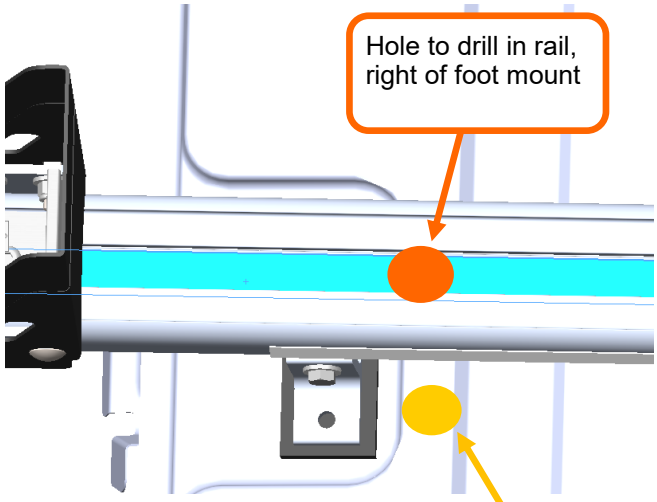
Hole to drill in roof, right of foot mount shown by yellow dot. Insert weather tight grommet in the hole.



Drill hole in rail through the channels, to the right of the foot mount. (Shown Below) in orange.

Routing shown in orange. Route through the hole/grommet in roof, up the foot, then to both strobes. Route using the upper channel.

If need be, route the wires using the bottom channel. Then use the self tapping screws and nylon clips to secure the wiring.



Step 1: Preassemble wiring and lights to the utility rack before mounting to the roof of the van.

The channel you will use to route the wire harness will depend on the utility rack uprights being installed onto the rack.

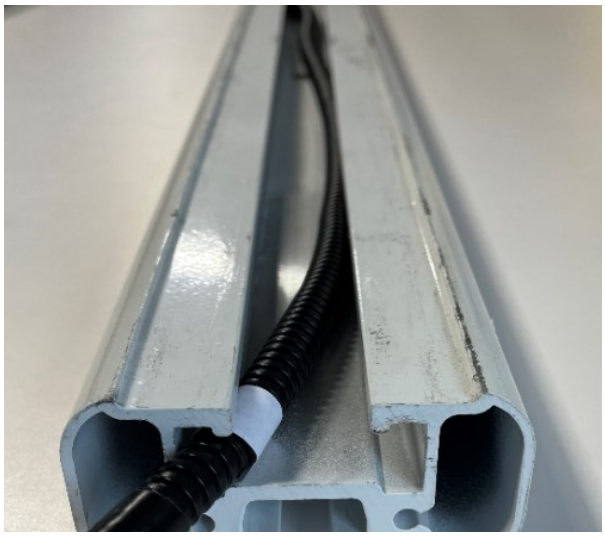
If the uprights use the upper channel for mounting, use the bottom channel for wire routing. And Vise Versa.

You may also need to go back and fourth between the upper and lower channel depending on the utility rack accessories. Drill a 3/8” hole in the rack to move the wire harness between the two channels

If using the bottom channel immediately after the strobe, notch the utility rack middle, to relieve space for the strobe wires. See pictures to the left for reference.

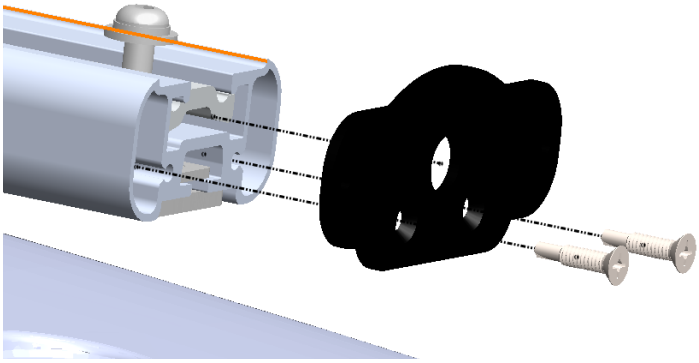
Use the self taping screws and nylon clips to secure wiring if using the bottom channel.

Be sure NOT TO PINCH any wiring when tightening down utility rack accessories with sides



Step 2: Route the wires between the strobes (on both racks)
Use the diagrams on pages 4, 5 and 6 for wire routing.

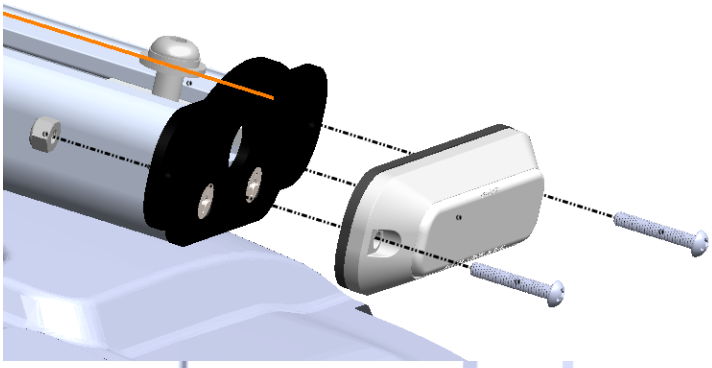
Step 3: Mount the strobe bracket to the rail using the supplied self drilling screws. Use a No. 3 philips head driver.



Step 4: Route the strobe wires through the center hole slot of the strobe bracket.

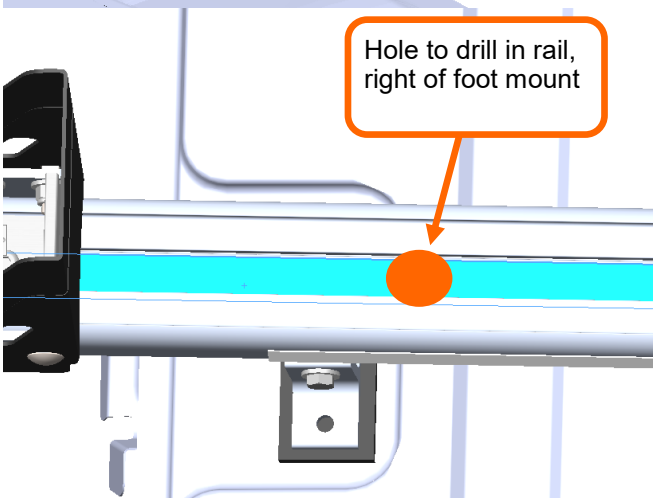
Cut the harness to length and connect the strobe wires to the harness using the step down butt connectors, red to red, black to black.

Cut and tape up any non-needed remaining wires on the strobe.



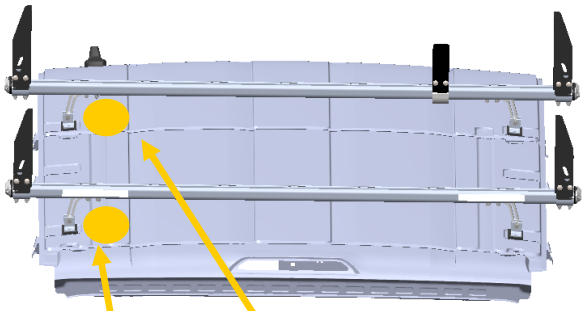
Mount the strobe light to the bracket using the small Philips head screws and nylon nuts. **Torque to 10 in-lbs. DO NOT OVER TIGHTEN.**

Do steps 3 and 4 for all 4 utility rack ends.



Step 5: Drill a 3/8” hole in the rail channel to the right of the foot mount. See picture to the left for reference.

Route the blue butt connector end of the harness down through the hole and down the foot of the rack.



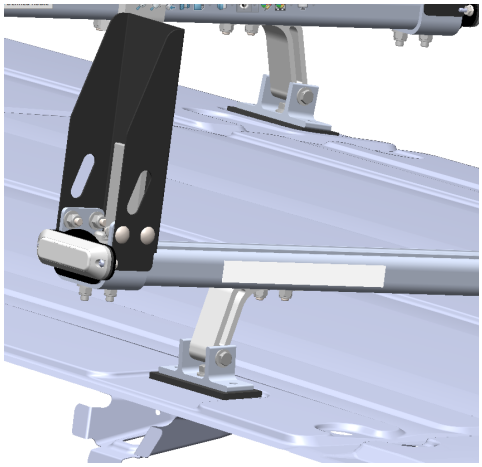
Hole to drill in roof, right of foot mount shown by yellow dot. Insert weather tight grommet in the hole.

Step 6: Mount the utility rack to the roof using the supplied instructions from the utility rack.

Step 7: Drill a 47/64” hole in the roof to the right of each mounted foot. Use page 6 for reference.

Insert the weather proof grommet into the hole. Do this for both utility racks bars.

Route the blue butt connector end of the harness on #2 and #3 down the foot, and through the grommet into the cargo area.



Silicone the wires and grommet. Tighten the nut on the grommets.

Step 8: In the vehicle: Route harness #1 on the driver side, along the upper wall/OEM harness (depending on the vehicle). Use Diagrams on pages 4, 5, and 6 for reference.

Cut to length the ends and connect the strobe harnesses (#2 and 3) to harness #1. Secure all wiring with cable ties.

The first end of the wire harness #1 will be connected to a non-supplied switch ground with non supplied wires and connectors.

The assembly is now complete.

Use wires, fuse holders, fuses, ring terminals, and butt connectors to complete the install.
Connect the black wire to an OEM ground and connect the red wire to the non-supplied switch. Make a red wire harness and connect to a 12V positive point and the switch.