

How to remove the spoiler on the Rpod camper.

If you are one of those people who would rather sleep through a rain storm than wonder when your roof was going to leak, this is for you. It is not hard.

I have no idea if this affects the warranty. The light bar is required by D.O.T. This modification adds NO additional penetration of the roof. It is assumed you have basic hand tool knowledge.

1. Remove the screws.

Break the edges of the spoiler loose

Lift it off and cut the two wires leaving as much as possible.

Clean off all the old sealant. A little denatured alcohol and an old credit card works pretty well.

Throw it away.

2. The new light bar is available at most auto parts stores, Tractor supply, Harbor Freight, Northern Tools, etc. I chose an LED light bar with the wires coming out of the back. Peterson V169-3R Red LED Identification Light Bar (Amazon) 1" x 18"

The light bar is mounted on a piece of 1" plastic fence rail. You could use a piece of 1" aluminum square tube as well. (MetalsDepot.com)

Drill a hole in one side of the square tube to pass the wires through then mount the light bar to the square tube with Gorilla Heavy Duty Double Sided Mounting Tape (Amazon, Home Depot)

Make the wiring connection at the end that allows you to stuff the connections into the tube or the cable cover where the wire comes through the roof. I made the connection at the cable cover end and stuffed some extra wire back into the Rpod.

Use waterproof Heat Shrink Butt Wire Splice Crimp Connectors. (Amazon)

I squirted a little foam in the ends of the tube then sealed them with Epoxy Putty. Loctite 1999131 All Purpose Repair Putty (Amazon)

Mount the light/tube assembly to the Rpod with the Gorilla Heavy Duty Double Sided Mounting Tape

KING CE2000 Cable Entry Cover (Amazon)



3. Cut the cable cover as shown then use a heat gun to warm it up and bend it to conform to the Rpod curve.

Mount it to the Rpod with the Gorilla Mounting tape.

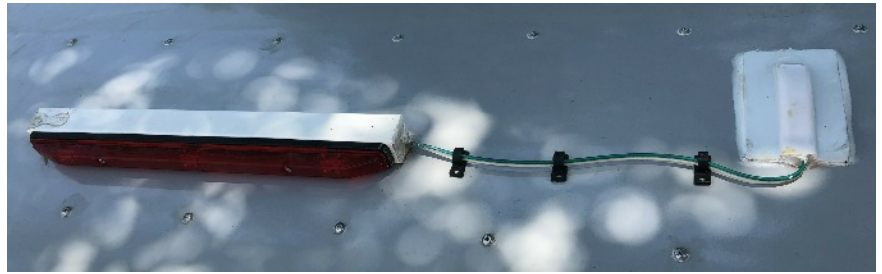
Stuff any extra wire into the cover.

Caulk around it with silicone and seal the wire channel with silicone.



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4. Secure the wires to the Rpod with some cable tie downs mounted with the Gorilla mounting tape. (Amazon).
I have since added a protective sleeve over the wires to protect from UV damage. 1/4" Split Wire Loom Tubing (Amazon)



#10 x 3/4" Phillips Truss Head Sheet Metal Screws Wood Screws, Stainless Steel 18-8 (304), Self-Tapping, 100 PCS (Amazon)



5. Clean off any deformation of the original screw holes with a counter sink by hand. Go easy as the fiberglass is thin.
Apply silicone to the screw then screw it in gently by hand. The roof material is thin so go easy.
Wipe away any silicone that oozes out around the screw head.

The truss head provides a nice sealing area for the screw.



Sources (links):

[Gorilla Heavy Duty Double Sided Mounting Tape](#)

[Peterson V169-3R Red LED Identification Light Bar](#)

[1" Square Aluminum Tube](#)

[Loctite 1999131 All Purpose Repair Putty](#)

[Heat Shrink Butt Wire Splice Crimp Connector Waterproof](#)

[KING CE2000 Cable Entry Cover](#)

[Cable Tie Down Holder](#)

[1/4" Split Wire Loom Tubing](#)

[#10 x 3/4" Phillips Truss Head SS Sheet Metal Screws, Self-Tapping, 100 PCS](#)