

My roof leaked (past tense). One day driving down the highway, my fiberglass roof-top carrier opened up going down the highway. In doing so, the internal frame was bent. I also found out shortly thereafter that I had a roof leak. What I discovered was that when the top opened towards the driver’s side, it lifted up the right rear (passenger side) of the carrier and popped the 3/8” bolt through the roof. Or it appeared so. I now believe the bolt on the inside of the roof had come loose, and it just lifted it up a-ways breaking whatever former seal existed and now a point of entry of water into the coach.

**Solution:**

- 1) Re-bend the roof-top carrier frame to align it back to original and latch it back with locks and straps around the carrier at each end for secondary closing strength
- 2) Place silicone sealant inside the roof-top carrier around the 8 bolts that penetrate the roof (in-case water gets inside the carrier - which it has done before).
- 3) Rather than remove the ceiling panels (which is a chore that I would rather not undertake until something else breaks), fabricate a temporary/permanent rubber patch to apply externally to the roof.

**Materials:**

- A) Home Depot Danco 6” x 6” x 1/8” Rubber Packing Sheets.
- B) Dyco 20/20 Multipurpose ExternaFlex Rubber Sealant
- C) String.

**Steps:**

- 1) Lift back end of roof-top carrier enough to slide in a patch around the bolt. (A 1”x2” piece of wood is a good temporary support).
- 2) Measure the distance from the back of the car-top carrier base to the bolt, Measure the distance from the side of the roof-top carrier base to the bolt. Cut as large a piece possible to surround the bolt hole but not extend past the base of the roof-top carrier, round the corners to provide a firmer edge and route water away.
- 3) Drill a hole roughly in the middle of the patch to go around the bolt
- 4) Create a slit from one edge to the hole to allow the patch to go around the bolt.
- 5) Attach strings on each side of the slit to allow the patch to be pulled around the bolt. Remove Strings.
- 6) Use liberal amounts of Dyco 20/20 Multipurpose EternaFlex Liquid Rubber Sealant around the bolt and patch hole. Place with an old screw-driver or hose on the end of the caulk gun. Allow some sealant to be located under the patch for adhesion to the roof and using a stick, provide a seal around edge of the rubber patch to the roof.

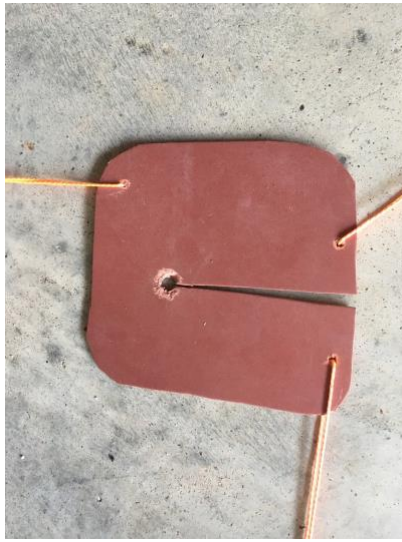
Wha-La! No leaks after a heavy rain!!! See Photo’s Next Page

Photo's:

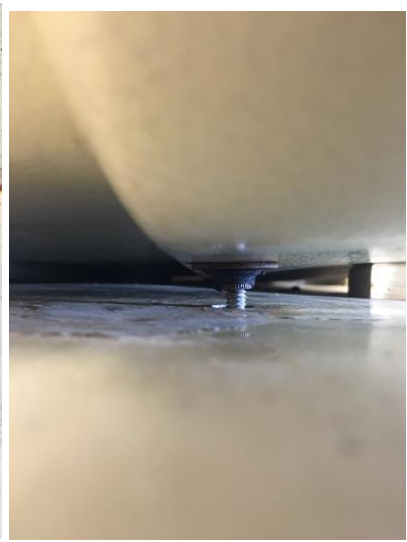
Roof



"Pac-Man" Patch

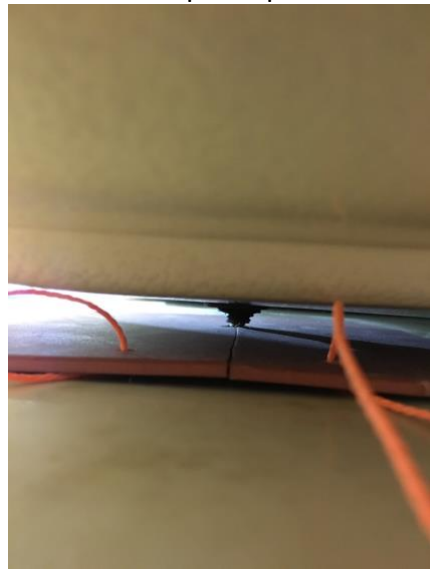
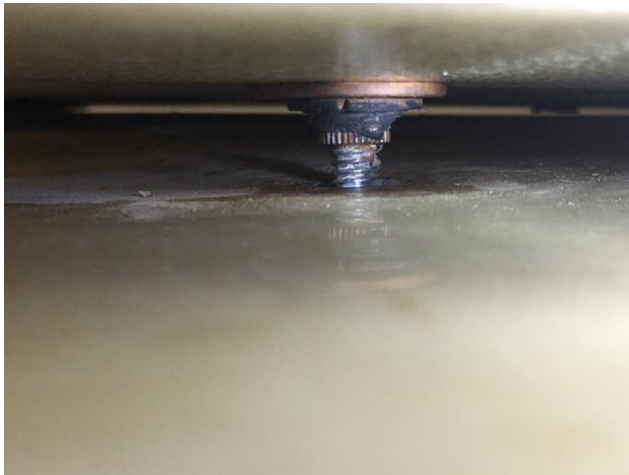


Right Rear Bolt through Roof & Wood lift



Bolt

"Pac-Man" patch pulled around Bolt.



After the torrential Rain – NO LEAKS!!!



Patch Under Right Rear of Roof Top Carrier.

