



How To Guide- Zion Winterization



HOW TO: Water System Winterizing

Do you really need to winterize?



If your Roadtrek is going to remain heated to comfortable temperatures, and the temperatures during the day are well above freezing (above 40 deg. F or above 4 deg. C) and the forecast is for temperatures just below freezing for a few hours at night with calm winds, then you don't need to winterize. The heat in your Roadtrek is enough to keep the lines from freezing.



If the forecast is for extended cold periods, with daytime temperatures at or below freezing, if you're not heating your Roadtrek, or if you expect sustained winds and the roads and ground is already frozen, you need to winterize.



As always, you are final judge and you need to do what is comfortable and makes you feel good. If you are not comfortable with leaving water in your lines when it gets cold, and you will sleep better, go ahead and winterize.

How to winterize using anti-freeze

- Get three gallons of RV antifreeze.

❌ DO NOT use automotive antifreeze. RV antifreeze is non-toxic and safe for potable water lines.



Typical RV anti-freeze



Turn off the water heater



Fresh tank drain under the driver's door



Drain by the fresh water fill in the rear



Tankless water heater drains

- Buy three gallons of pink RV/marine antifreeze.
- Turn off the water heater. The main switch is on the outside, behind the water heater access panel on the driver's side.
- Take your Zion to a dump site and drain the gray and black water tanks.
- Turn off the water pump.
- Look for the drain underneath the driver's door for the fresh water tank drain. Open the valve and allow the tank to drain until empty.
- Open the water heater cabinet under the fridge. Open the two drain valves and let them drain.
- Look for the drain by the rear city water connection. Open the drain valve and let it drain.
- Close all four drain valves.
- Open the driver's door, remove the orange plug in the fresh water tank gravity fill, and pour in 2 1/2 of the three gallons of pink antifreeze, saving a half gallon for the drains. Replace the orange plug.
- Turn the water pump on.
- Open the galley sink faucet, both hot and cold sides, until you see undiluted pink antifreeze come out. Do the same with the bathroom sink. Flush the toilet until you see pink antifreeze coming down into the bowl. Open both outside shower faucets until you see undiluted antifreeze coming out of them.
- Turn on the city water valve for about 30 seconds. The water pump should start running.
- Divide the remaining half gallon of antifreeze between the three drains - shower, bathroom sink, and galley sink - and the toilet.
- Open the three water drain valves for a few seconds each and allow a small amount of antifreeze to leak out.
- Run the macerator until the pink stuff comes out. You may need to add a small amount of antifreeze to the black or gray tanks.



Do not attempt to bypass the water heater. The three valves in bypass configuration are for maintenance and factory testing only. The tankless water must be filled with antifreeze and must not be bypassed.