

Renegade RV



Line 1 Winterization Guide

Winterizing Line 1 Renegade Coaches

1. Purchase NON-TOXIC antifreeze; 5-7 gallons. We use Winter Pruf by Century. You can get this from RV dealers, Walmart, and Amazon to name a few places.
2. Remove your inline water filter from the canister, then resecure the cannister into position.
3. Remove your refer water filter, if applicable. There is a QR code on the sticker inside of your fridge that will show you the location and how to remove, if the refer has a filter. Not all do; example if the refer has an ice maker but not a freshwater dispenser, it may not have a filter.



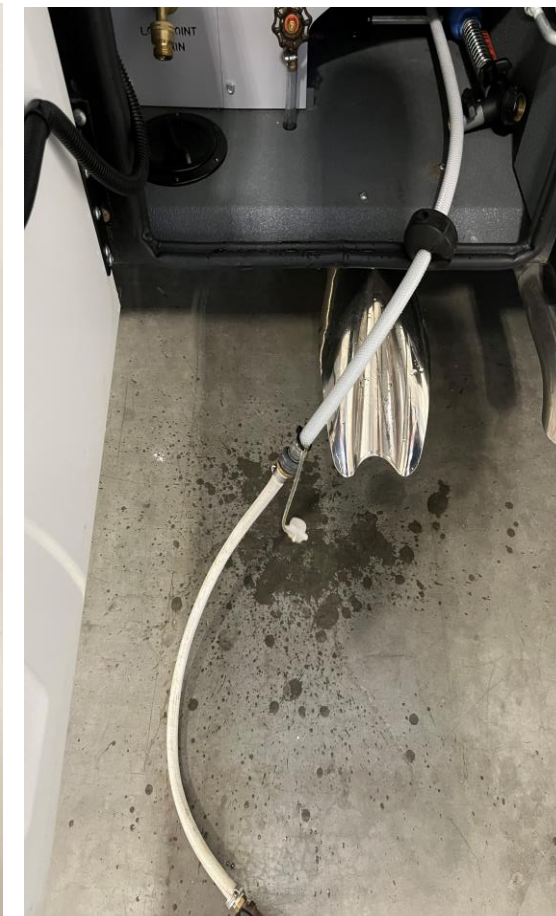
Winterizing Blowing out your water system – Not required but worth it if possible

4. Making an air nozzle for your coach.
5. (1) ¼ turn ball valve
6. (1) brass “T”
7. (1) pressure gauge
8. 2 ft of hose (length is up to you, just make sure you have enough to save your knees)
9. (1) male water hose end connector
10. (1) male air chuck end



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11. Turn your selector valve to “City Water”.
12. Go inside and open all the sink faucets.
13. Open up the shower faucet.
14. Open the fresh tank drain accessed under the bed.
15. Go outside and connect the newly made air nozzle to the city water fill hose.
16. Connect your air supply to the air chuck of your air nozzle. Slowly open the ¼ turn ball valve until you reach 60 psi on the pressure gauge. Go inside the unit.



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17. Watch your sink and shower faucets.
18. While the air is coming out of the faucets turn the faucet knobs to full hot and full cold. This ensures that the air is blowing out the hot and cold water lines. Do not shut the faucets off while performing this task.
19. You are looking for the point when there is constant air with minimal to no water drops coming out of the faucets.
20. At the time that, go outside and shut the $\frac{1}{4}$ ball valve stopping the air from entering the water system.



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21. Unhook the air nozzle from the city water connection.
22. Hook the air nozzle to the black tank flush connection.
23. Slowly open the $\frac{1}{4}$ ball valve until you reach 20 psi on the pressure gauge. Allow this air to flow for 10 seconds. This ensures that the water has been removed from the anti-syphon valve between the black tank flush connection and the tornado valve.
24. Turn the $\frac{1}{4}$ ball valve to the off position and remove the air nozzle from the black tank flush connection.



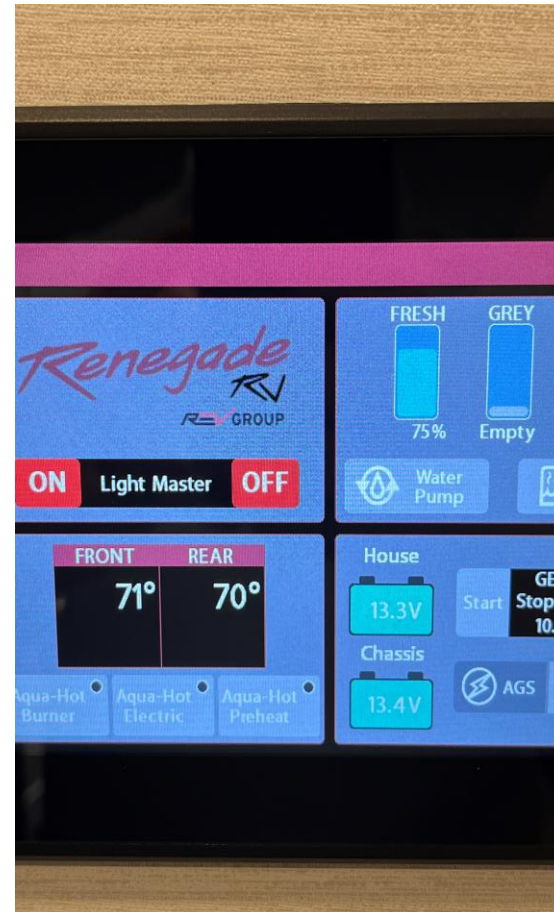
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25. Take your antifreeze (5-7 gallons. 5 gallons will perform the task on most coaches) inside the coach to the bed that was lifted to gain access the fresh tank drain.
26. Shut off all the faucets, including the shower.
27. Find the water pump that is located under the bed. Identify the clear winterization hose that connects to the pump. Locate the white plastic ¼ turn ball valve that is inline running to the water pump. Turn the ¼ turn valve until it stops, it will only turn 1 direction at this time.



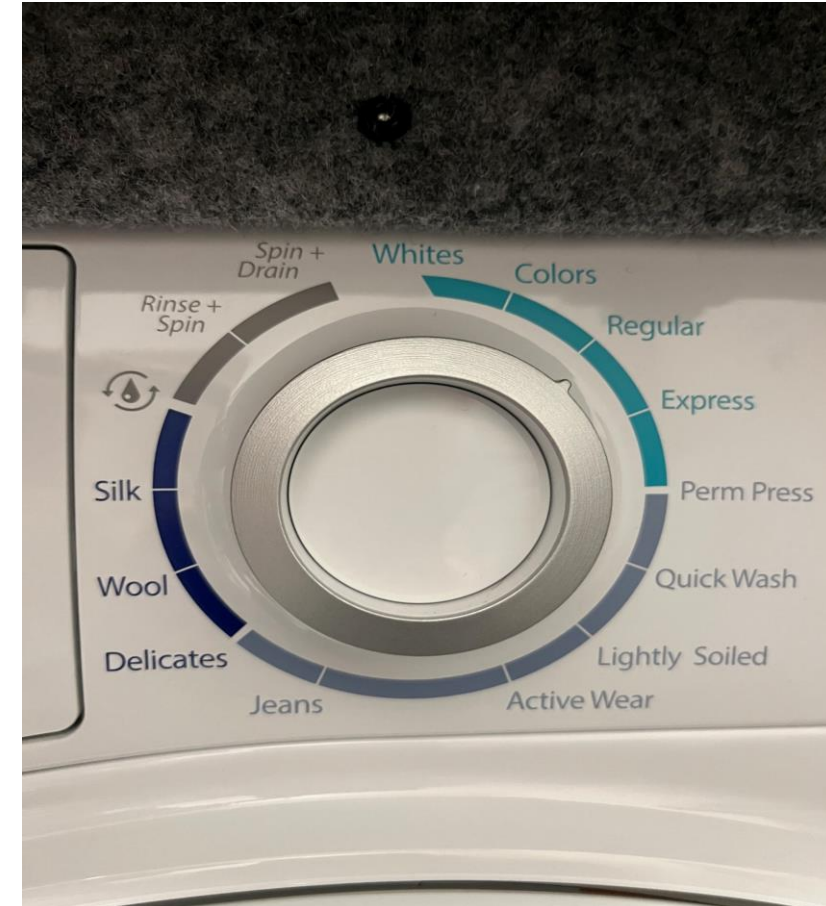
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28. Take the clear hose and insert it into one of your antifreeze jugs (we use buckets due to purchasing the antifreeze in 55 gallon drums).
29. Turn on the water pump. This will allow the pump to pull the antifreeze from the jug; pushing it through the water system.
30. If you have the blue coiled water hose option on your coach. Go outside, connect the blue water hose. Turn it on until antifreeze comes out. Turn that hose off and disconnect.
31. Swap empty jugs for new ones as needed.



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32. Go inside, make sure that your antifreeze jug is not empty. Wait until the pump kicks off indicating that the system is fully pressurized.
33. Start at the back of the coach working your way forward.
34. Flush the toilet until antifreeze comes out. Open 1 faucet at a time, moving the knob to full hot and full cold until antifreeze comes out.
35. If you have a washing machine, turn the knob to regular load/warm water and turn on. Let it run until you see antifreeze entering the drum. Cancel the wash at that time. Turn the knob to spin/drain and turn it on to empty the drum.



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36. If you have an ice maker in the frig, you will either have the metal rod that is lifted to make force it to produce ice, or there will be a button on the bottom of the ice maker. Push and hold that button until it starts to cycle. Let the frig make slushy pink ice to protect it's water lines and pump.
37. Go outside and open the low point drains. This ensures that everything drains from the system.
38. Go back inside, turn off the water pump. Turn the white ¼ ball valve back to original position. You are done at this time.

