

Tools & supplies

1 1/16 6-point socket

Adapter, 3/4" male hose to valve stem "Blow Out Plug"

Air compressor with regulator set to 40psi max

4 gallons anti-freeze (usually takes about 2.5 gal)

Winterizing Montana using anti-freeze

1. Drain holding tanks, leave valves open
2. Drain water tank
3. Bypass water filter (two valves, side-to-side), drain, remove filters. Careful with gaskets
4. Turn "Water Heater Bypass" to the "on" position (horizontal)
5. Remove water heater drain/anode 1 1/16" socket, leave out
6. Connect the airline to the "Black Tank Flush Valve", **blow out black tank flush**, 40psi max
7. Connect airline to "City Water Connection"; set regulator to 40psi max
 - o Turn the "Fresh Water Tank Power Fill Valve" to the "Fill" position (vertical)
 - **Blow water out of the line going to the fresh water tank**
 - Turn the "Fresh Water Tank Power Fill Valve" to the "Normal Flow" position (horizontal)
8. Connect a short hose to the "Freeze Guard" connection, other end into a container of RV antifreeze
9. Turn the winterizing valve to the "on" position (horizontal)
10. Turn on water pump, monitor antifreeze container to keep hose submerged. Open each faucet cold then hot, in turn until antifreeze flows
 - o Kitchen sink, cold, hot
 - o Bath sink, cold, hot
 - o Shower, cold, hot
 - o Washer, cold, hot, make sure antifreeze fills the washer trap
 - o Toilet
 - o **Toilet sprayer**
 - o **Bidet**
 - o Low points
 - o **Outside faucet**
11. Make sure antifreeze fills each sink trap
12. Shut pump off
13. Fill laundry drain with antifreeze
14. Close faucets
15. Open low point drains, verify antifreeze is present
16. Close low point drains
17. Close water tank drain
18. Wipe anti-freeze out of sinks
19. Sta-Bil generators, chain saw, etc.
20. Put anti-mouse dryer sheets in trailer
21. Remove tire pressure monitors
22. Remove roof repair kit
23. Remove water pressure regulator
24. Remove batteries fridge thermometer
25. Remove all food
26. Clean AC return vent filters
27. Disconnect Lithium Batteries

De-Winterizing Montana

1. Install water pressure regulator
2. Use clean-out spout to flush out water heater tank
3. Connect a short hose to the "Freeze Guard" connection, other end into a container of clean fresh water
4. Winterizing valve should still be in the "on" position (horizontal)
5. Turn on water pump and pump several gallons through any faucet to clean out water pump
6. Turn winterizing valve to the "off" position (vertical)
7. Open dump valves
8. Sanitize fresh water tank
 - a. Put 1 cub diluted Clorox in water filter housing, no filters
 - b. Normalize water filter bypass (handles fore/aft)
 - c. Fill fresh water tank, let sit for a day or so
 - d. Drain fresh water tank, fill to rinse, drain again, fill
9. Hook garden hose to city water with regulator, turn on
10. Open low point drains, run until clear, close low point drains
11. Begin running water through all faucets, cold & hot, until clear, run for 1 hour or more
12. Install water heater drain/anode, use Teflon tape. 1 1/16 socket
13. Turn "Water Heater Bypass" to the "off" position (vertical)
14. Fill water heater, run some water through it
15. Bleed air from water heater
16. Install new water filters (check o-rings, gaskets in bottom of sumps)
17. Normalize water filter bypass, handles fore/aft
18. Fill fresh water tank
19. Torque lug nuts
20. Check tire pressures
21. Install tire pressure monitors
22. Check/Change generator oil
23. Prep Generators
24. Test CO detector and smoke detector batteries (3 9v)
25. Test/Replace batteries RV lock (4 AA)
26. Test outside thermometer batteries (monitor 2 AAA, sensor 2 AAA)
27. Test refrigerator thermometer batteries (monitor (first) 2 AAA, sensors 4 AA)
28. Grease suspension
29. Torque spring shackle wet bolts 50 ft lb, 11/16" socket, 13/16" box
30. Torque axle u-bolts 70-80 ft lb, 3/4" socket
31. Lithium batteries on
32. Return roof repair kit
33. Return water pressure regulator