Travato Water System Configurations
Truma-equipped Travatos including 2020.5 changes
V 1.1 1/14/2020

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Acknowledgements
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Introduction
The water system of the Travato is a mystery to most. The Operator’s Manual provides step-by-step instructions on how to winterize the Travato water system, but over time owners have developed their own procedures. This document is an attempt to provide better understanding of the Water system through a series of conceptual plumbing schematics that show how water flows under various valve settings.

Applicability
The data herein is valid for Truma-equipped Travatos including the late 2020 model Pure 3 (KL/GL). In the late 2020 Pure 3 (KL/GL) models the Winterization 3 valve was added to permit the Fresh Tank to be filled from a non-pressurized source. Because the GL/KL Fresh Tank is below the coach floor, a gravity fill port as is used in the K and G models could not be used. 2019 and early 2020 KL and GL models do NOT have this 3rd valve so cannot be gravity filled.

The Diagrams
There are 4 diagrams:

1. Normal Operating Configuration
2. Low Point Draining
3. Antifreeze Fill
4. Siphon Fresh Fill (from late 2020 KL/GL only)

The 1st 3 diagrams correspond to major steps in the standard winterization procedure. There are intermediate steps that use the valve configuration depicted in whole or part. Consult the Operator’s Manual or Daniel Senie’s Winterization Guide for details.

Use
These diagrams are for general understanding. Do not use them as is to attempt winterization. Pay attention to the notes provided in each diagram describing minor differences found in each model.
Model differences

Fresh Tank:
K/G: Fresh tank inside coach with Gravity feed port. Tank Line Drain valve drains Fresh Tank.

Note: The Fresh Tank on all models can be quickly drained by opening just the Cold Line Drain valve and turning on the water pump to siphon the Fresh Tank’s contents. The KL/GL Fresh Tank Drain Plug is a true low point drain for the Fresh Tank.

Bathroom:
K/KL: sink faucet and shower have separate hot/cold mixers.
G/GL: shower water is supplied by diverter valve from sink faucet.

Rear Sprayer:
K/KL: cold water only.
G/GL: mixer with hot and cold water.

Low Point Drains:
K/KL: outside, on driver’s side rocker panel. Cold – Fwd / Tank – Mid / Hot - Aft
G/GL: inside, beneath galley sink. Cold – Inboard / Tank – Between / Hot - Outboard

Winterize 1/2/3 valves, siphon:
K/KL: beneath driver’s side bed
G/GL: beneath galley

Truma Bypass/Drain valve:
K/KL: beneath driver’s side bed
G/GL: under banquette seat

Change History
1.0 12/22/2019
1.1 1/1/2020  Removed One-Way Valve from Black Tank Flush
               Corrected antifreeze diagram notes: Winterize 3 from Bypass to Normal
               Added note about using water pump to quickly drain Fresh Tank through Cold Line Drain
### TRAVAT WATER SYSTEM

#### Normal Operating Configuration

This is a conceptual schematic representation of the water supply system of Truma-equipped Travatos including major components and plumbing connections. Refer to Winnebago’s Travato Plumbing Diagrams for authoritative information.

Version 1.1 12/23/2019

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**Drain/Waste system not shown. Valve labels may depart slightly from factory for descriptive purposes.**

All valves shown in normal operating position. Primary coach interior winterization valves are shown with a grey background.

- Tank, Cold, and Hot Line drain valves are located inside the coach on G models, outside on K models.
- Fresh Water Fill and City Water Fill ports require a pressurized source. Black Tank Flush must not be connected to potable water.
- Antifreeze Fill is a siphoning port using water pump suction.

**K/G models:**
- Tank Line Drain drains Fresh Tank and Fresh plumbing on inlet side of water pump.
- Fresh tank has a Gravity Fill port (screwdown cap closure) inside the coach.

**KL/GL models:**
- Tank Line Drain drains Fresh plumbing on inlet side of water pump. An underfloor plug drains the Fresh Tank.
- 2019 and early 2020 models - No Fresh Tank gravity fill (field workaround possible).
- 2020.5 and later models – suction Fresh Tank Fill through Antifreeze/Fresh Fill Siphon and Winterize 3 valve.

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**Low Point Drains**

<table>
<thead>
<tr>
<th>Open</th>
<th>Closed</th>
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<tr>
<td>![Open Valve]</td>
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**Truma Relief/Drain**

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<thead>
<tr>
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<td>![Open Valve]</td>
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TRAVATO WATER SYSTEM
Line Low Point Drainage Configuration

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Drain Lines and Truma through Low Point Drain (Tank Line, Cold Line, Hot Line) Valves and Truma Drain Valve

This configuration drains the Truma Water heater and most but not all of the lines. It does not drain the filters or fixtures. The lines must be blown out with compressed air and/or filled with antifreeze to properly winterize. The Low Point Drains are briefly opened at the end of antifreeze fill to winterize the low point drain valves. See the operator’s manual or Daniel Senie’s Travato Winterization Guide for the complete procedure.

Note: on K/G models the Tank Line Drain valve also drains the Fresh Tank. KL/GL models have a Tank Drain Plug. On all models the Fresh Tank can easily be siphoned empty by opening the Cold Line Drain valve and operating the water pump. This is best done before draining the rest of the lines.

Winterize 1: Normal
Winterize 2: Normal
Winterize 3: Normal

Galley Faucet
Cold Water Filter
Shower
Bath Faucet
Toilet Sprayer
Rear Sprayer
Toilet
Hot/Cold on G/GL
Add Antifreeze to system through Antifreeze Fill port

This configuration uses the water pump to suck antifreeze into the system through an unpressurized source (e.g., an open basin).

Tank Line, Cold Line, Hot Line, Truma Pressure Relief/Drain valves: closed
Winterize 1: Bypass
Winterize 2: Bypass
Winterize 3: Normal (installed on 2020.5 KL/GL only)
TRAVATO WATER SYSTEM
2020.5 KL/GL Fresh Fill Configuration

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2020.5 KL/GL suction Fresh Tank Fill through Antifreeze/Fresh Fill Siphon and Winterize 3 valve

This configuration uses the water pump to fill the Fresh Tank through an unpressurized source (e.g., an open basin) or to add disinfectant to the Fresh Tank.

Tank Line, Cold Line, Hot Line, Truma Pressure Relief/Drain valves: closed

Winterize 1: Normal for filling Fresh Tank with water, Bypass for adding disinfectant to system
Winterize 2: Bypass
Winterize 3: Bypass

Low Point Drains
- open
- closed

Truma Relief/Drain
- open
- closed

Hot/Cold on G/GL