# KRISMAR MOTORHOMES





2022 - 2023

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## 1 | Water system

#### • Fresh water - grey water - toilet tank

When the temperature drops below zero, we recommend emptying all tanks. This can be done by manually opening the drain valves at the bottom of the tank. Fresh water tanks are always equipped with manual release valves, the gray water tanks and toilet tanks may be equipped with electric release valves, which can be opened with the appropriate switch. -See your manual present in the truck for operating instructions.- When the tanks are empty, leave them open and protect the sledges by spraying them with WD40 or silicone spray. If you have heated tanks and pipes, check whether this system is switched on. At freezing temperatures, this system automatically activates.

Attention: make sure that the truck is always supplied with an external power supply, if there is no external power supply, the battery voltage will reach the critical level in a very short period of time, with the result that the entire superstructure will be without power. If the battery voltage is too low, an external charger must be used to restore the voltage. When the battery voltage reaches the critical point several times, the batteries will no longer function and must be replaced with new ones that cannot be claimed under warranty.

#### Hot water boiler

Located in the water system compartment on the outside of your truck. This compartment can be opened with the square key that is present in your truck. At the bottom of the boiler is a tap where you can drain the water from the boiler.

Attention: before carrying out this operation, unplug the boiler.

#### · Water pump:

When the water tanks are emptied, open all taps in the living area and bathroom. If your truck is equipped with water faucets under the living area, also open, release the presure and leave open. Let the water pump run for a while until no more water runs out of the taps.

**Point of attention:** do not let the water pump run for too long, it must not run dry. Switching off the water pump as soon as the water stops running, as long as there is water in the pre-filter of the pump, there is no problem.

#### · Water hose

If your truck is equipped with a water hose reel, disconnect the hose from the tap and open the tap to release any pressure from the pipe. Leave the tap open.

#### · Toilet

Operate the toilet once so the water pressure is off the system.

#### · Faucets

Place all taps in your vehicle in the "open" position so that the pressure on the pipes between the boiler/water pump and the tap is relieved and the seals of the taps can not freeze.

### 2 | Use of your truck during winter

If you fill the water tanks before you leave for a competition, we advise you to wait with activating the boiler and the water pump until you arrive. If you use the water pump and boiler before departure, the system will be pressurized again and there is a chance that parts will break due to freezing during the move. If you do not use the water system during competition, we advise you to turn off the water pump and open all taps so that the pressure is off the pipes.



# 3 | Other points of attention

#### · Pop-out /pop-up

Make sure, when opening the pop-out and pop-up, the sealing rubbers are not frozen solid. When closing, always remove snow or ice from the roof and side panels before closing. This prevents damage to the electrical motors.

#### $\cdot$ Door and compartment locks

Make sure that you always have defrosting agents against frozen locks, doors and windows at your disposal. You can purchase ice clearance at the service stations along the highway. Coat rubbers and doors with talcum powder or silicone spray to prevent freezing.

Tip: place the defrosting in an unlocked compartment.

#### . Fuel engines

Winterize diesel engines. The so-called winter diesel prevents the diesel in the tank from flaking due to the cold.

#### · Satellite system

Always make sure that the satellite on the roof platform is free of leaves, ice, snow and other materials. In very severe frost, parts that have to make a necessary movement can get stuck, in this case NEVER use them without defrosting.

#### · Heating

Leave the webasto heating system in continuous operation at a low temperature so your living area remains slightly heated and your furniture can not be damaged by moisture absorption.

**Point of attention:** Make sure that the necessary external power supply, otherwise the webasto will reduce the battery voltage in a very short period of time, also ensure that the diesel tank is sufficiently filled with winter diesel.

Tip: Do not set the temperature high in order to minimize fuel consumption. We recommend 11 degrees when not using your truck.

OR DO YOU HAVE A QUESTION? +32 475 58 08 24

Do you need

our help?

# TIPS

-Keep the lighting clear. Free of snow and dirt.

-Use winter tires with deep profiles.

-Bring snow chains. Please consult the legislation per country. In some countries, obligatory/prohibited.

-Ensure good road holding by evenly distributing the weight of your load.

-Bring road salt to make sure you can load and unload safely.

-Be careful on the road and don't forget to enjoy the winter magic.

