2021

Maintenance Guide



# At every exit

Verify the condition of torsion bars

Verify the tire condition and pressure according to tire recommendations

Verify the condition of the safety chains

Verify wheel bolt clamping

Verify the emergency brake operation

Verify battery level and charge as required

Verify the bathroom GFI outlet if it’s working

Verify sewer outlet for leaks and /or possible damaged on road

Verify the general condition of the RV

# Weekly

Outside cleaning of the RV

Check the clamping of the «Ptrap» (kitchen sink and bathroom)

# Monthly

Verify roof sealants

Verify the sealants on the 4 corners of the RV

Verify windows and doors sealants

Verify the sealants of the attachments to the exterior walls

Verification of the clean water pipes for leaks

General verification of the slide out

Lubricate the mechanism of the slide out

Verify electrolyte level in battery (add as needed)

Verify smoke, propane and CO2 detectors for proper operation

Clean the fan and filter in the stove hood

Remove and clean air conditioner filter

Clean air conditioning vents

Verify and clean furnace exterior chimney as required

Verify and clean ventilation door and refrigerator access if necessary

Lubrication of friction points (zerts) of torsion bars

# Bi-annuel

**Can be done by the client**

Rubber roof cleaning and treatment

Cleaning of RV and application of polymer wax

Complete cleaning of canvases followed by sealing treatment (tent trailers and hybrids only)

Remove floor dampers and clean vents

Change the batteries of the different detectors and test them

Verify fire extinguisher level and condition

Lubricate the steps

Lubricate doors and hinges as required (doors, trunk doors, etc.)

Clean roof vents and lubricate mechanism and hinges

Lubricate window mechanism (if required)

Lubricate door lock mechanism (if required)

**Can be done by the client or the dealer**

Verify the condition of the propane ducts under the vehicle for road damage (if accessible)

Verify the condition of accessible propane lines for possible leaks

Verify the propane hose tightness at tanks and regulator

Verify the condition of propane regulator and clean vent

# Annual

**Can be done by the client**

Replacement of drinking water filter

Installation of a special air conditioning cover (winter season only)

Installation of a special protective cover for RV (winter season only)

Clean balck water tank

Lubricate black and grey water drain valve

Verify the condition of anode rod (Suburban water heater only)

Lubrication of toilet seal

Purify the drinking water system and tank

**Can be done by the client or the dealer**

Winterization of the drinking water system (fall) – see all details in the winterization section

**Recommended to be performed by an accredited dealer**

Maintain bearing system (grease, check ball bearings) OR every 8,000 km

Preventive maintenance of RV electrical brakes OR every 8,000 km

Verify the condition and tightening of suspension bolts

Verify the condition of suspension components

Propane leak system check (drop pressure test)

Clean stove burners and verify the condition of porcelain

Verify the stove burner alignment

Verify the condition of water heater flame

Cleaning the water heater pilot

Clean refrigerator coil and burner

Clean refrigerator capacitor

Clean the tip of the refrigerator thermocouple

Verify refrigerator electrode spacing

# Essential maintenance recommended by the manufacturer

Your RV requests preventive maintenance in accordance with the owner’s guide. Minor adjustments and adjustments (e.g. door adjustments, cabinet latches etc.) will be made by the dealer if they are mentioned within 30 days of the delivery date of the unit to the customer. After this period, they are part of the normal and preventive maintenance and are the responsibility of the owner.

The following is a mandatory monthly preventive maintenance checklist for your RV:

**Sealant (to do, add and/or change as required)**

The corners molding

Front and rear bed doors (hybrid only)

The compartment doors

The entry door

The windows

The entry door and compartment doors hinges

The signal and gauge lights

The entrance of electrical cable, city water and water tank

Ventilation duct for furnace and range hood

The water heater tank

The outsider shower

The fenderskirts

Any other openings or attachments to walls

**Roofing (to do, add and / or change as needed)**

Complete VR verification (moulding joint wall / roof)

Moldings, joints with front and rear walls

Air vents (vents on roof top)

The air ducts (plumbing and refrigerator)

All domes and skylights

Radio and TV antenna

The roof of the slide out

Checking the membrane itself for damage

**General Lubrification**

Stabilizing Jacks

Entry door and compartment doors lock

Slide out rubber

Slide out mechanism

Steps

Black and grey water outlet valve

It is important to understand that humidity in the ambient air and condensation are NOT caused by the materials or construction methods of your RV. Good ventilation (stove hood, bathroom fan, etc.) when using the RV is essential since it represents a very limited space. Its use in cold temperatures accentuates the phenomenon of condensation. Poor or non-existent maintenance of external sealants also causes problems, including water infiltration. This is why all these conditions are not applicable on the warranty of the vehicle not being due to a manufacturing or material problem.

**TOUJOURS**

Close tente trailers or hybrids ONLY if they are dry. Wet or wet canvas will cause mould and can cause major damage to both the canvas and the RV itself.

The awnings will have the same problem as the canvases. Always close the awning dry.

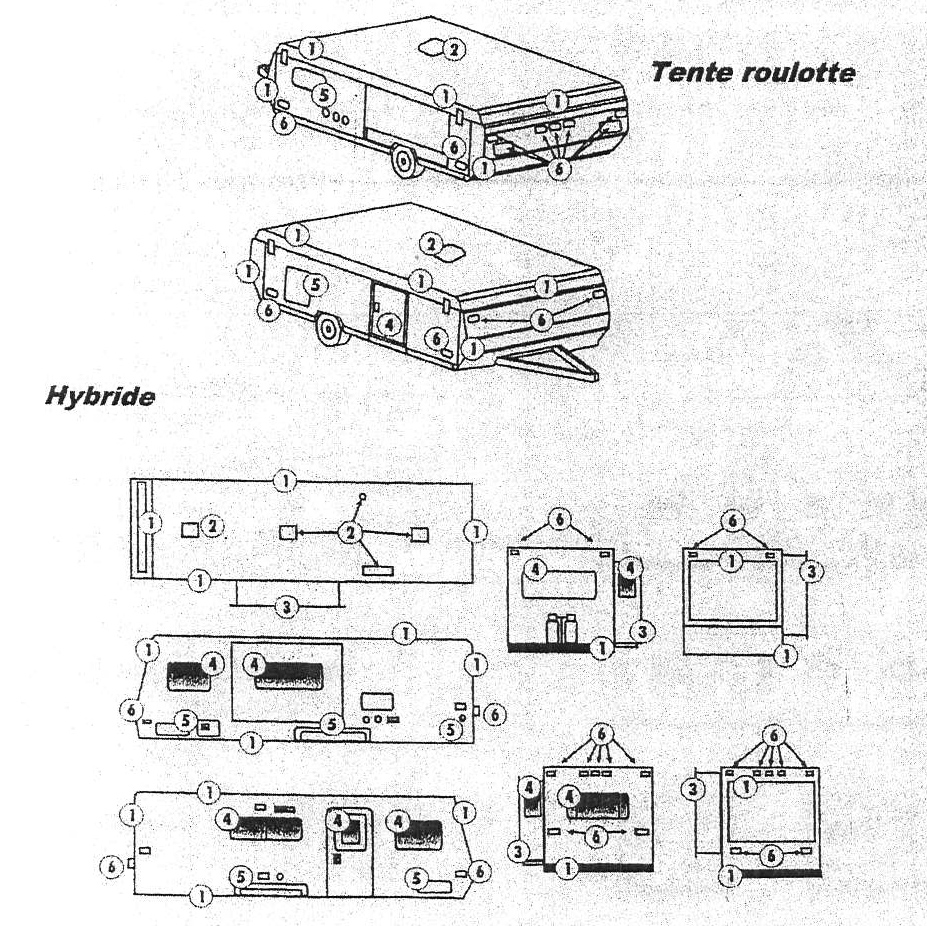
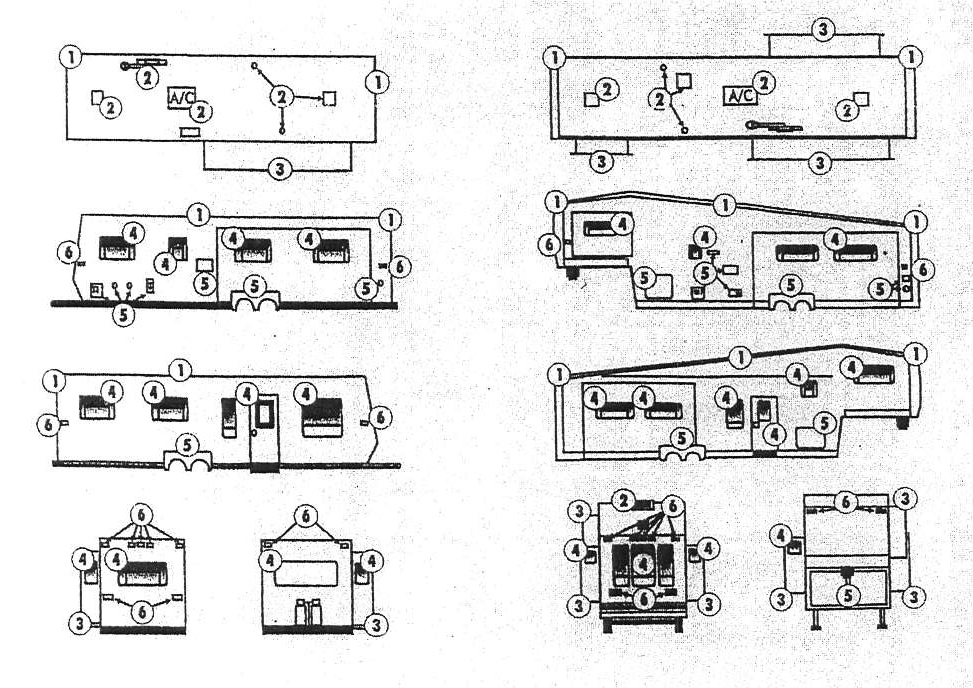
# Main care points for sealants

Légende :

1. Corner moldings
2. Roof accessories
3. Roof / /floor extension
4. Doors / windows
5. Compartment doors / Acces doors / Fenderskirts
6. Lights

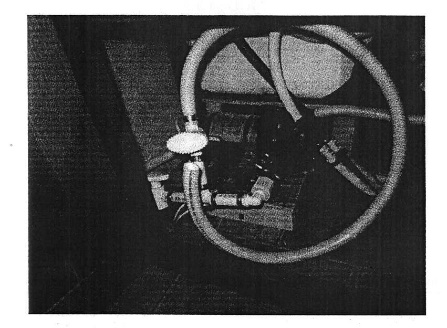
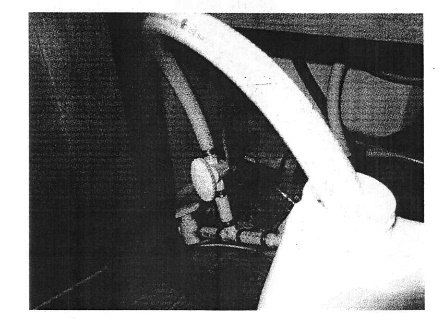
Travel Trailers

Fifthwheels



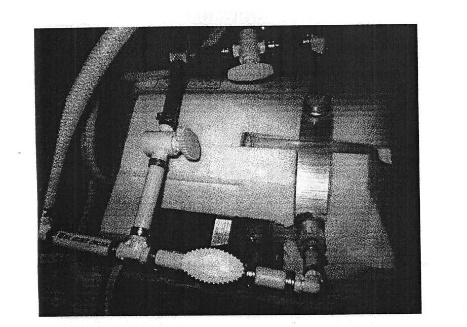
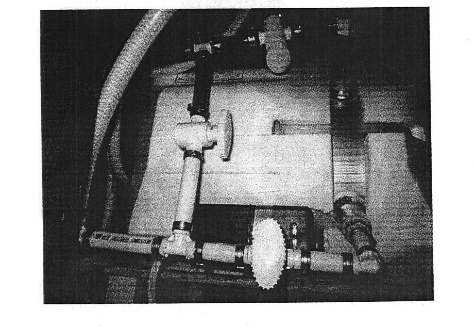
# Set of siphon on pump

Summer mode Winter mode

# Hot water tank diverting assembly

Summer mode Winter mode

# Checks to be done before winter closing

**Contour sealer**

Luggage compartments

Windows

Rock guard

Traffic lights

Furnace exhaust

Kitchen fan exhaust

Hot water tank

Refrigerator access door

Electrical input

Outdoor shower

City water inlet

Front door

Door retainer

Wheel fenders

Outdoor light

External cable socket

Water tank inlet

Corner molding

**Roof sealer**

Ventilation hatch 1

Ventilation hatch 2

Ventilation hatch 3

Ventilation hatch 4

Plumbing ventilation 1

Plumbing ventilation 2

Refrigerator ventilation

Radio antenna

TV antenna

Front seal

Rear seal

Skylight

Membrane condition

Roof extension 1

Roof extension 2

Seal

**Fixation**

Bottle cover

Emergency switch

Awning arms

**Cleaning**

Slab molding + gutters

General exterior (including roof)

Awning fabric

**Roof sealer**

Stabilizing cylinders

Luggage compartment lock

Extension rubber

Mechanical extension system

Door lock

Walking

Black and gray water valve

Window mechanism

**Drainage**

Fresh water tank

Hot water tank (cleaning)

Water pump

Kitchen tap

Kitchen water return

Bathroom faucet

Bathroom water return

Bath / shower faucet return

Bath / shower water return

Outdoor shower

Cleaning the valve filters

Toilet

Drainage + opening of the diversion system

Gray water tank

**Recommendation**

Storage of charged battery

Installation of air conditioning

Opening the refrigerator door

(detention stick)

Full of propane

Tire cover installation

Installation of dehumidifier pots

Antifreeze pumping

Cleaning of waste water tanks

Put on the ventilated cap and open the valves

black and gray water

Close the roof ventilation hatches

Check tire pressure

Clean the top of the extensions before closing them

# Winterizing - Necessary

2 gallons of antifreeze

Pump siphon set

Pressure valve cap

Hot water diversion set

Wastewater rinse stick

Clear maintenance elbow

Ventilated black water cap

Hot water rinse tub

Lubricant for toilet seal

Treatment for extension rubber

Dehumidifier pot

**Warning** : If dishwasher / linen OR park model: 1 gal. additional antifreeze

# Winterizing in 16 steps

Empty the reservoir of the outside water heater

Turn (Shoot) the valves of the whole detour (deviation) of the water heater

Empty the tank of fresh (cool) water by the valve under the vehicle and close her

Drain away and clean tanks of black and grey water (with the «fabric (tissue) digester» and a system of cleaning

To disconnect the intestine of food (supply) of water, to put the cork of valve of pressure, to open faucets and to put a compressor in a pressure enters 40 and 60psi then to close faucets

To install (Settle) if need be a set of siphon on the pump may put the tube in the gallon of antifreeze agent and put the pump in function (office)

In the continuation, one after the other one, to open every faucet ( hot then cold water) until the antifreeze agent pours(flows, sinks). As soon as the antifreeze agent pours (flows, sinks), to stop (arrest) at once the faucet.

Pull (Fire) the hunting of dress (toilet) until it pours pink (rose). Make the antifreeze agent rise in the shower head then disconnect its pipe of the faucet then her (it) put in the bath for winter. Do not also forget the outside shower in case you have one of it, the system of washerwoman / dryer as well as your refrigerator with a machine with ice cubes automatic (see the textbook(manual worker) of your refrigerator).

To Close the pump (1 ½ gallon of antifreeze agent should have passed).

The rest of the 2nd gallon must be put in equal part in the drains (p-trap) of the kitchen sinks and the bathroom as well as that of the bath.

Pay (Pour) half a bottle into the rest (bottom) of the dress (toilet) of the lubricant and the conditioner for the joint of dress (toilet).

Wipe (Suffer) the antifreeze agent in kitchen sinks, outline of the dress (toilet) (leave the bottom) and the bath because the antifreeze agent tries.

Open the valves of grey and black water and put the cork ventilated ready (in position) (a little water and antifreeze agent can pour (flow, sink), it is normal).  
 Put the cover of protection of the air-conditioned air, as well as those of the tires ready (in position).

Put jars dehumidifiers ready (in position), close blinds and trapdoors of ventilation (breakdown) in the ceiling.

Put plastics (plastic arts) in the doors of Access of the refrigerator and the water heater. Put some steel wool which does not rust in the escapes of furnace and to close with the ribbon the trapdoor of ventilator of cooking (kitchen).

# RV opening in spring

**Drain the antifreeze**

Put clean water in the tank

Change the positioning of the siphon valve

Turn on water pump (see inside switch)

Open each tap (hot and cold water) until clean water flows

Check that the water heater drain cap is reset

Perform clean water tank treatment

Return water heater bypass valves to summer position

Replace water filter (indoor)

Start the system with city water or with the reservoir

**Preparation of sewage tanks**

Replace your ventilated cap at the drain exit with the regular cap

Check proper operation of exhaust valves

Clean the black water tank if you have not done so in the fall

**Preparing the RV**

Remove Protective Cover from Air Conditioner

Remove protective cover from tires

Remove steel wool from furnace exhaust

Remove plastic bag from water heater door

Open propane tanks, light in order: stove, furnace, furnace and finish with water heater

Check for propane leaks

Check smoke detectors, carbon monoxide and propane gas

**Battery reinstallation in RV**

Clean battery terminals and wiring

Vérifie Check electrolyte level (liquid) and add distilled water if necessary

Charge the deep discharge battery (2 AMP/h charger)

Install battery in RV and ensure correct connection of positive and negative wires

**Maintenance of the sliding extensions (slide out) and stabilizers**

Open the extension

Vaporize a fine layer of treatment on seals and let soak

Vaporize the dry lubricant on the gearing of opening, hinges, locks, ties, stabilizers (situated under the extension) and then close and open again the extension to grease well

Grease the worm and the base of stabilizers (jacks)

**Maintenance of the roof (rubber membrane)**

Visual and manual check of joints and membrane of the roof (if a joint is unstuck, to redo him with of sealing Dicor)

Remove the dust on the roof

Use a cleaner for rubber roof to wash him

Let dry completely then apply a treatment for rubber roof

Do not go back up on the roof before 48 am

**Outside check**

Check of the scellants of doors, windows and other accesses to the outer walls with the sealing

Do not forget that if to change you an access such as the entrance of drinking water, door of cable, etc., you will have to use of the ribbon butyle as well as of the sealing for the reinstallation

Replace the filter with water (outside)

Clean and make alterations of so necessary paint for the frame

**Outside cleaning of the VR**

Begin with the black tracks with a product specialized for black tracks

By means of a telescopic brush, wash the outside of the vehicle with a soap specially designed for VR

To facilitate the maintenance during the summer season, we advise strongly the wax use to polymers to facilitate the cleaning of the black tracks

The addition of extension lead of gutters (several types) turns out very advantageous given that the black tracks are mainly due to the dirt of the roof which flows on the sides of the vehicle and which causes them.

**Maintenance of the paintings of tents-caravans**

Clean paintings with a cleaner for canopy and fabric

In the case of tracks of mold, specific cleaners are available for this type of cleaning

Complete with the application of an agent of waterproofness

Use only products without chlorinating, of marks Magic Boss or others

Place 2 jars dehumidifiers in the tent-caravan for the season.

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