



**Fraserway RV**

Your Vehicle to Adventure™

RV Type:

# Overlander



**Instruction Manual**

**ENGLISH**



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# CANADIAN TRAFFIC RULES AND ROAD SIGNS

## TRAFFIC RULES

### ALCOHOL AND DRUGS

Permitted blood alcohol levels are mandated by the Provinces and Territories and will vary. Please do not drive under the influence of alcohol and/or drugs!

### TRAFFIC LIGHTS



Traffic lights are suspended across the intersection. Left turn arrows indicate that you can safely turn left while the oncoming traffic is still stopped at a red light.

After you have come to a complete stop and made sure the intersection is clear of all vehicles, cyclists and pedestrians, you may turn right despite a red light in the U.S. and Canada except for the island of Montreal in Québec. Exceptions are often limited to certain times and clearly posted as below.



**Example on the left:** Turning right is prohibited on a red light.

**Example on the right:** Turning right is prohibited from Monday to Friday, 7AM - 9AM and 4PM - 6PM (no matter whether there are traffic lights or not).



### SEAT BELT

Canadian and U.S. laws require driver and all passengers to be seated with the seat belt fastened when the vehicle is in motion.

### SPEED LIMITS

The Speed limit in most urban areas is 50 km/h, and on highways either 80 or 100 km/h, unless otherwise posted.

### PEDESTRIANS

Canadian drivers are usually very polite and considerate. Pedestrians have the right of way.

### DRIVER'S LICENSES

We require your national license for RV rentals. Foreign licenses are generally accepted in Canada. However, we recommend carrying an international driver's license in addition, unless your original license is issued in English or French.

### GPS SYSTEMS AND HEIGHT RESTRICTIONS

Your RV's external dimensions and gross vehicle weight (GVW) are shown on a windshield sticker and in the manual. GPS systems do not provide any information on height restrictions on your planned route. Always check restriction signs for tunnels, overpasses, gas stations, roof constructions, ferries, etc.! Drive-thrus at fast food outlets or entry ways to hotels/motels are too low for RV's!

**As a general rule: the minimum clearance must be 3.70 m or 12 ft. for all of our vehicles.**

### HOV Lane (High Occupancy Vehicle Lane)

HOV lanes are for vehicles with two or more people inside. These lanes may only be used by vehicles



that carry the minimum required number of people. The HOV lane symbol is a diamond, which is indicated on many HOV signs and above all, on HOV lanes. Example of signs:

**Left:** HOV lane for buses and vehicles with at least 3 people starts here.

**Right:** From 5AM to 11PM, this lane is an HOV lane for buses and vehicles with at least 3 people only. During the time from 11PM to 5AM, this lane may also be used by vehicles with fewer people.



<b>Fraserway RV's allowed on HOV lanes:</b> <ul style="list-style-type: none"> <li>• Van Conversion</li> <li>• Truck Camper</li> <li>• C-Small</li> </ul>	<b>Fraserway RV's NOT allowed on HOV lanes:</b> <ul style="list-style-type: none"> <li>• Adventurer 4, Overlander</li> <li>• C-Medium, C-Large, C-XLarge</li> <li>• A-Class</li> </ul>
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### PARKING

Regulations vary from province to province. Parking is only permitted in the driving direction of the traffic lane. Parking is not permitted within 6 meters on either side of:

- Pedestrian crossings
- Curves or corners
- Entrance/Exit of hotels, theatres, public meeting places, schools, fire departments, playgrounds
- Stop signs
- Fire hydrants
- Traffic control signals

<b>CAUTION:</b>	A yellow curb side marks a no-parking zone. If your vehicle uses more than one parking spot, you have to pay for the number of spots used!
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### EMERGENCY VEHICLES

If a police car, fire truck, or ambulance with flashing lights and/or sirens approaches (from ahead or the rear), pull over to the right and wait until the vehicles have passed.

If you are stopped by a police car, pull over to the right, remain seated, open the window and wait for the officer to approach. Keep your hands visible on the steering wheel and follow the orders of the officer.

### STOP SIGNS



You must always come to a complete stop at the stop line. The driver that arrived at a 4-way stop first has the right-of-way. When two cars arrive at the same time, yield to the car on your right-hand side. The same rule applies if traffic lights are not working.

Canadians are usually disciplined and courteous. Only one car at a time can cross the intersection.



### TOLL BRIDGES

If you are aware that you have crossed a toll bridge on your journey, please inform us upon return of the RV to avoid additional administrative charges. Fraserway RV will be billed directly by the company responsible for collecting the toll fee. Some crossings will require direct payment on the spot. Please use the truck lane to avoid any height restriction issues.

### ACCIDENTS

Most accidents happen while parking the RV. This damage can be easily avoided if a passenger gets out of the vehicle to help the driver manoeuvring by giving directions.

Never settle or admit any wrong-doing at the accident scene! If needed, call the Police. If possible, make notes, take pictures, and exchange information with the other party.

Always call our OnRoad-Service and fill in the accident report, which you will find in the "Emergency" section of the instruction manual. The police will not attend to minor accidents without personal injury.

### SCHOOL BUSES



Canadian school buses are yellow. They signal to stop all traffic (no passing!) using flashing red lights and/or a swing-out stop sign. It is against the law to pass a stopped school bus. All traffic must come to a halt to ensure children can get on and off the bus safely. Once the signals have been turned off and/or the stop sign has been pulled, the traffic can move again in both directions. Failure to obey this traffic rule is a serious offence. Only if the road is separated by a median can the oncoming traffic slowly proceed without stopping.

# ROAD SIGNS



One way street.



Pedestrians are not allowed to cross the street here.



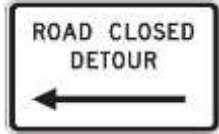
Crossing the road is only permitted at crosswalks.



Do not enter.



Vehicles parked in this zone without a permit will be towed.



Road is closed. The arrow points in the direction of the detour.



From this point, do not change lanes until further notice.



Authorized vehicles only (buses, emergency vehicles, etc.).



No parking on either side of the sign. If the arrow points in one direction only, do not park on the side it points to.



No stopping on either side of the sign.



This road or lane is for bicycle use only.



This road or lane is for buses only.



Private property. No parking.



Turn headlights on and remove sunglasses (common at tunnel entrances).



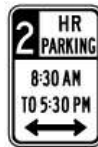
No parking from 8:30AM to 5:30PM. Parking is allowed during the remaining hours.



No parking except on Sundays and on holidays.



No parking. Loading zone.



Parking on both sides of sign daily 8:30AM - 5:30PM for 2 hours. Parking disks are not used in Canada.



Drivers travelling in opposite directions share the centre lane for left turns.



On multi-lane highways: sign in combination with exit signs means that a lane ends and becomes the exit lane.



Control signal: Placed over lanes to indicate which ones are open for driving. Here: RED = do not drive in left lane.



YELLOW: move into one with a green arrow. If flashing yellow over all lanes: slow down and proceed with caution.



Green arrow: drive in this lane.

## CABIN

All vehicles are equipped with an automatic transmission, power steering and power brakes. The V8 engine displacement is 6.7 litres and an output of up to 330 hp.

### IGNITION SWITCH

The ignition switch has 5 different key positions:

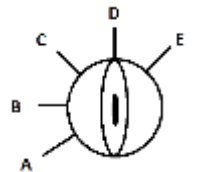


**POSITION A (ACCESSORY)** enables use of the vehicle's electrical system (radio etc.) without the engine running or the ignition being turned on.

**POSITION B (LOCK)** turns off the engine and locks the steering wheel in place. Please note that removing the key is only possible when the switch is in this position.

**POSITION C (OFF)** turns off the engine and the entire electrical system without locking the steering wheel. The key cannot be removed in this position!

**POSITION D (ON):** all circuits are active and the warning lights are on. This is the position the key is in while the engine is running.



**POSITION E (START)** cranks the engine. Please release the key as soon as the engine starts.

### AUTOMATIC TRANSMISSION

The gear selector is on the right-hand side of the steering column. The shift lever must be pulled towards the steering wheel to move from one gear selection to another. Your right foot must be depressing the brake pedal to shift from P (park) to R (reverse) or D (drive). The gear selector has the following positions:

<b>P</b>	<b>PARK</b>	to start or turn off the engine. <u>The key can only be removed while in this position.</u>
<b>R</b>	<b>REVERSE</b>	to reverse the vehicle. The rear view camera is activated automatically.
<b>N</b>	<b>NEUTRAL</b>	select this position for towing only!
<b>D</b>	<b>DRIVE</b>	most efficient position for all normal driving conditions.
<b>M</b>	<b>MANUAL</b>	to choose the gears manually. We DO NOT recommend use of this option!

### DIESEL ENGINE BRAKE



The diesel engine brake can be used together with the Tow/Haul function. When activated, braking assistance from the engine is boosted providing enhanced handling and control, and reduced brake and transmission wear while going downhill. Press the button on the dashboard (to the right of the steering wheel, below 4WD) to switch the function ON or OFF.

### TOW/HAUL



The Tow/Haul function optimizes the shifting performance and reduces the potential for transmission overheating or failure due to excessive shifting when driving in mountainous areas. This provides extra power when going uphill and braking assistance from the engine when going downhill to reduce the risk of overheating the vehicle's brakes. Select this function by pressing the button at the end of the shift lever.

### CRUISE CONTROL

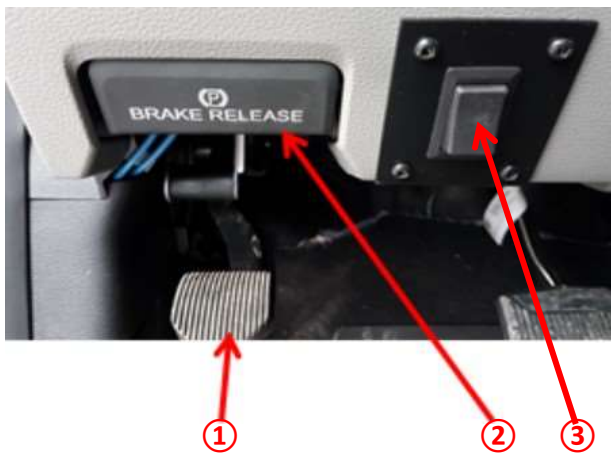
The RV is equipped with Cruise Control. The minimum speed required for its use is 50 km/h. We do recommend not using the cruise control on mountain roads because it would cause irregular shifting and accelerating resulting in excess transmission wear and increased fuel consumption.



### PROGRAMMING

1. Turn cruise control on using the **ON** button.
2. Accelerate by pressing **SET +** until reaching the desired speed. Release the button and the speed will be maintained. Alternatively, the foot pedal can be used to increase speed, then briefly press the SET + button to maintain speed automatically.
3. Speed can be reduced by pressing **SET -**.
4. After each time the brake pedal is depressed, the vehicle will lose speed. Press **RES** and the vehicle's speed will automatically resume to its previously set level.
5. Press **CANCEL** to pause the cruise control.
6. Press **OFF** button to turn off the cruise control.

### EMERGENCY BRAKE & BATTERY BOOST SWITCH



- ① **Emergency Brake:**  
Push down with foot to engage emergency brake
- ② **Brake release:**  
Pull this lever to release the emergency brake
- ③ **Battery Boost Switch**  
Press and hold to start engine using coach battery (in case of dead engine battery).
  1. Push button
  2. Turn ignition key to start engine
  3. Release button

### LIGHTS



- ① Off
- ② Parking lights
- ③ Head lights
- ④ Automatic
- ⑤ Dashboard lightning

### FOUR-WHEEL DRIVE

- ① Always leave on 2H for regular driving conditions.
- ② Switch to 4H if extra traction is required in mud and snow.  
Do not exceed 50 km/h on 4H setting.
- ③ **Never exceed 15 km/h on 4L setting!**



Please note that improper use of the 4x4 may not be noticed until the vehicle is inspected after check-in. We therefore reserve the right to inform and charge renters after the vehicle is returned.

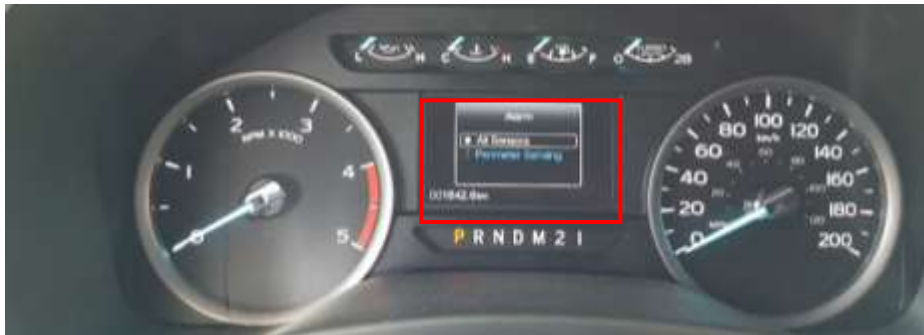
## BOARD COMPUTER

Our trucks are equipped with an **information display** for drivers to monitor vehicle systems, receive alerts, and program and configure certain vehicle features. Use the steering wheel controls to cross, make selections and adjustments that will appear in the information display within the instrument cluster. Use the left-hand controls on the steering wheel to scroll through and make selections from within your information display.



- Gauge Mode** displays features such as transmission temperature and compass data. Diesel-specific information includes engine oil temperature and exhaust filter information.
- Trip A and B** includes trip distance, trip time, fuel used and average fuel economy.
- Fuel economy** also provides instant fuel economy, fuel history in select increments and saves your last five resets.
- Truck apps** includes details about trailer features and should be ignored.
- Settings** menu delivers a variety of features such as Driver Assist, vehicle, language, units and more.
- Information** menu contains more technical information about the unit which is mainly used for technical inspection. Please do not make any changes in here.

## DEFAULT ALARM SETTING



Use the directional arrows to switch between "All Sensors" and "Perimeter Sensing".

When turning off the engine, an alarm setting message will appear on the dash board. **ALWAYS** set to "perimeter sensing"; otherwise the alarm may sound simply from vibrations or by a person moving inside the vehicle. Unfortunately, the setting defaults back to all sensors upon restart, therefore this setting needs to be changed each time the engine is turned off.

## AUTOMATIC STEP

The RV is equipped with an automatic electric step ①. The power switch ② is located on the wall just inside the camper door. When it is switched ON, the step will automatically extend when the door is opened and retract when the door is closed. To keep the step extended while camping, set the power switch into the OFF position with the steps out.





## VEHICLE CARE AND MAINTENANCE

### DIESEL FUEL

This vehicle is equipped with a diesel engine and requires **ultra-low sulfur diesel fuel (D1/D2)**. Please use big-brand stations for refuelling, such as Esso, Shell, Chevron, Husky, Petro Canada, Irving, etc. The fuel available at independent stations is often of a lower quality which can cause problems by clogging fuel pumps, etc., resulting in trip disruption and expensive repairs.



### DIESEL EXHAUST FLUID/DEF

To reduce the diesel exhaust emissions, the vehicle is equipped with a diesel catalytic converter which uses Diesel Exhaust Fluid (DEF), known in Europe as "AdBlue". This converter automatically injects the DEF into the exhaust system. The DEF tank will be topped up prior to the rental. Some driving styles and environmental conditions (e.g. frequent accelerating, smoky air) may demand more frequent re-fills than others.

A warning lamp on the dashboard will illuminate when the DEF range drops below 500 kms. In some vehicles, only the remaining kilometres is indicated while other vehicles have a DEF gauge similar to a fuel gauge (see picture). When the DEF tank is low, refill it as soon as possible. DEF fluid can be purchased at many gas stations, auto repair shops (e.g. Napa), or at Ford dealers.

### DEF TANK



Refill DEF very slowly and completely; otherwise, the board computer will not be reset and when the remaining kilometre reading has reached 0 the vehicle will go into the speed restriction mode and finally into the idle mode.

**Approximate filling capacity:** up to 6 gallons / 22.7 litres

The warning light remains on for a brief period after the refill, but after driving 50 kms or sooner the board computer will readjust.

<b>CAUTION:</b>	Do not start the vehicle under any circumstances if DEF was erroneously filled into the diesel tank. If started, the engine would suffer significant damage, which is not covered by your insurance. Diesel in the DEF tank, as a result of using the incorrect tank inlet, does not damage the engine or catalytic converter but causes heavy smoke in the exhaust fumes.
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### ENGINE OIL

The engine oil level must be checked every 1500 kms. The engine should be cold when its oil level is checked. **ONLY SAE 5W-40 OIL** can be used for topping up **Diesel** engines. Please keep receipts for oil that is purchased for reimbursement upon return of the vehicle. Thank you for your care and attention.

<b>CAUTION:</b>	The renter is liable for ALL damage resulting from use of improper fuel, oil, or other engine fluids. If you have any questions, please call our OnRoad-Service.
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### OIL CHANGE INDICATOR LIGHT ILLUMINATES

We change the oil of our Diesel vehicles every 15,000 kms according to the manufacturer's recommendation. The oil change light may illuminate earlier as it is programmed to a different schedule. The odometer reading of the last oil change is indicated on a sticker on the windshield. If the window sticker indicates that an oil change is due, please call our OnRoad-Service for direction to an authorized auto repair shop. Please keep receipts for all oil purchases and present them for reimbursement upon return of the vehicle.

## TIRES

### TIRE PRESSURE - TIRE CHECK

Please check tire pressures regularly. The tires should be cold when the pressure is checked!

**Tire pressure (cold):**

**95 PSI (front) – 110 PSI (rear)\***

\*The recommended tire pressure is also indicated on the tires and/or on a sticker inside the driver-side door frame. The wheel nuts should be visually checked every time you leave a campground.

### CHANGING THE TIRES

Tires should only be changed by authorized personnel of the FORD Road-Side Assistance program or of KalTire 24-Hour Service. Please contact our OnRoad-Service whenever a tire change is required. These numbers are listed in the "Emergency" appendix. Please only attempt to change a wheel if there is no way to contact us for assistance. Changing a wheel is at your own risk. The wheel nuts of the changed wheel must be checked after 100 kms or sooner and retightened if necessary. Failure to do so could cause serious accidents.

<b>CAUTION:</b>	The renter is liable for damage resulting from improper tire change or non-preformed checks.
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### STORAGE LOCATION FOR TIRE CHANGE TOOLS

The jack and tools are located in the driver's cabin behind the two back seats.

## VEHICLE SPECIFICATION

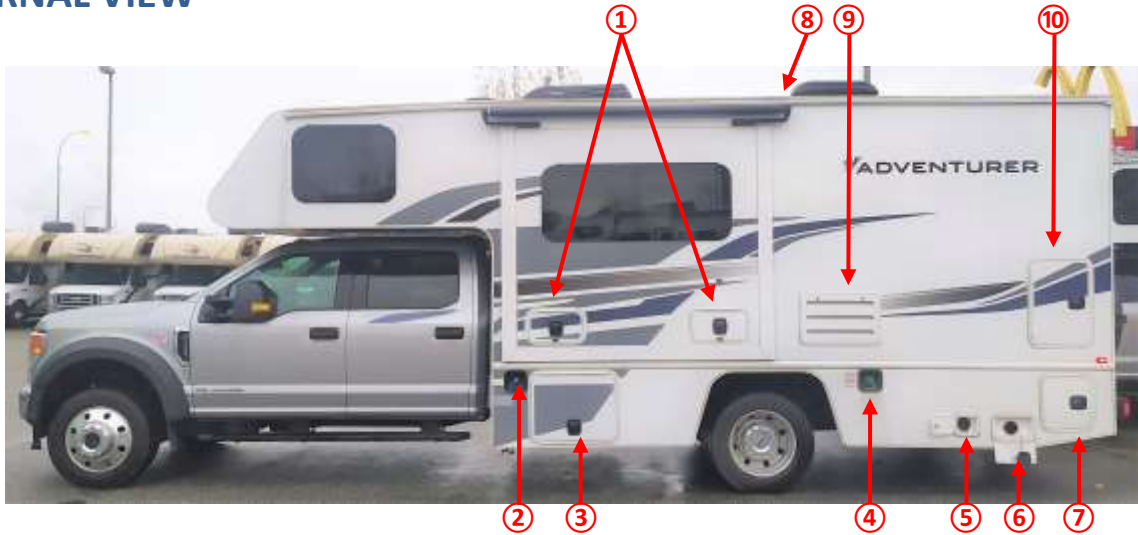
Motorhome class	Class C – MH 29 DS
Chassis	Ford F550
Engine	V8
Roof air conditioner	Yes
Microwave	Yes
Convection oven	No
Oven	Yes
3-point-seat belts at dinette	No
Bathroom vent	Yes
TV	Yes
DVD player	Yes
Rear dual tires	Yes
Diesel-driven generator	No, generator is Propane-driven!
Side slide-out	Yes
Rear slide out	No
Sleeps	6
Seat belts	6 (4 x 3-point in drivers cab, 2 lap belts in dinette)
Fuel type	Diesel
Engine oil type	15W40 oil
Bumpers	Steel
Locking lug nuts	Not available
Number of axles	2
Spare tire	Yes
Tire size	The tire size is indicated on the tires and on a sticker inside the driver-side door frame. (Front and rear tires: 225/70RX19.5G)
Tire pressure	The tire pressure is indicated on the tires and on a sticker inside the driver-side door frame. (Front tires: 655 kPa/95 psi/Rear tires: 760 kPa/110 psi)
Jack/tools	Jack and tools are stored in the tire change kit under the passenger-side back seat.
Fire extinguisher	The fire extinguisher is located next to the entrance door.
Sewer hose	The sewer hose is stored on the driver's side in a compartment labelled "Sewer Hose".

<b>Dimensions &amp; weight</b>	<b>Metric system</b>	<b>Imperial system</b>
Height (incl. all superstructures)	342 cm	11'3"
Width	250 cm	8'2"
Width with slide-out extended	290 cm	9'6"
Length	914 cm	29'11"
<b>Gross vehicle weight (GVW</b> - i.e. weight incl. full fuel, propane, wastewater and water tanks, maximum number of persons allowed, and luggage)	8,845 kg	19,500 lbs

<b>Fill capacity</b>	<b>Metric system</b>	<b>Imperial system</b>
Freshwater tank	144 litres	38 gallons
Grey water tank	106 litres	28 gallons
Black water tank	102 litres	27 gallons
Fuel tank (Diesel)	150 litres	39 gallons
Propane Tank	85 litres	22 gallons
<b>Total weight of all tanks when full</b>	587 litres	154 gallons

<b>Interior specifications</b>			
<b>Beds</b>	<b>Included</b>	<b>Metric system</b>	<b>Imperial system</b>
Overcab bed	Yes	152 cm x 203 cm	60" x 80"
Overhead power bunk bed	Yes	66 cm x 180 cm	26" x 71"
Dinette bed	Yes	111 cm x 182 cm	44" x 72"
Sofa bed	Yes	129 cm x 183 cm	51" x 72"
Interior room height		199 cm	78"

# EXTERNAL VIEW



<ul style="list-style-type: none"> <li>1. Storage compartments</li> <li>2. DEF filler</li> <li>3. Generator</li> <li>4. Fuel (Diesel) tank</li> <li>5. Sewer hose compartment</li> <li>6. Sewer connection and valves</li> <li>7. Multiple service compartment (see below)</li> <li>8. Slide-out with slide-out topper Freezer vent cover</li> <li>9. Fridge vent cover</li> <li>10. Electrical cord storage</li> </ul>	<ul style="list-style-type: none"> <li>11. Awning</li> <li>12. Extractor hood vent</li> <li>13. Assist handle (Caution: will not carry person's weight!)</li> <li>14. Electrical entrance step</li> <li>15. Furnace fan – caution: HOT!</li> <li>16. Power outlet</li> <li>17. Water heater cover – caution: HOT!</li> <li>18. Propane tank</li> <li>19. Freshwater tank/potable water</li> <li>20. Spare tire</li> </ul>	<ul style="list-style-type: none"> <li>21. Back up camera</li> </ul> <p><u>7 Multiple service compartment details</u></p> <ul style="list-style-type: none"> <li>a Black water valve</li> <li>b Grey water valve</li> <li>c City water connection</li> <li>d Sewer flush (do not use!)</li> <li>e Fresh water drain (do not use!)</li> <li>f Water tap (extension in comp. 10)</li> <li>g TV antenna</li> <li>h 110 Volt connection (cord in comp. 10)</li> </ul>
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7 Multiple service compartmentD



## AWNING

Our vehicles are equipped with an awning. The control switches are located on the wall just inside the camper door.



**CAUTION:** The renter is liable for all damage resulting from improper operation of the awning.

### IMPORTANT:

- Never use the awning in stormy weather or in strong winds!
- The awning must be retracted overnight or when the RV unattended.
- Before extending the awning make sure that sufficient space is available.
- Do not reposition the vehicle with the awning extended, and always be sure the awning is retracted when leaving the campground!
- Make sure that the awning lighting is switched off when not needed or when awning is retracted as it draws power from the coach batteries if left switched on. There is a wind sensor in the awning, powered by 2 watch batteries. If the batteries are going low a sensor will start to beep or cause the awning to move on its own. If this occurs simply shut off the awning's main power switch until the next operation of the awning is needed.
- If the awning will not extend or retract simply turn off the main power switch of the house batteries, wait 10 seconds and then turn it back on again. This will reset the electric system and the awning should operate again.

①Awning Power on ②Awning Extend ③Awning Retract ④Awning Power OFF ⑤Awning light

## ELECTRICAL SYSTEM

### 12V DUAL BATTERY SYSTEM

The living area of the RV is equipped with a 12V dual battery system. The engine battery provides power to the engine and driver's cabin, and coach batteries provide power to the living area of the RV. Both batteries are charged by the alternator while driving but discharge independently from each other.

<b>CAUTION:</b>	Please do not overload the coach batteries because they cannot sufficiently recharge if they lose too much voltage. Once the charge state of the coach batteries has reached a very low level, the alternator can no longer adequately recharge them solely by driving. In that case, the coach batteries must be recharged using the exterior power cable (110V) on the campground for at least 8 hours. Renters are liable for any cost or lost time due to overloaded coach batteries.
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### BATTERY SWITCH POSITION

The main dial ① for switching the coach batteries on and off is located directly next to the side entrance door at floor level. This switch must be in the ON position to supply 12-volt power to the appliances and the RV's living area. When there is no power in the RV, always check to see if this switch may have been set to OFF accidentally and reset to ON if necessary.



12V appliances: Inside and outside lighting, water heater, water pump, fan heater, awning, bathroom vent, fridge and slide-out.

## HOOK-UP TO THE POWER GRID (110V)



Power connection

A power cable is provided with the RV for connecting the vehicle to the 110V power hook-up at campsites. The regular plug is for a 30AMP connection which is standard at most campgrounds. An adapter is provided for occasions when only 15AMP connection is available. All electrical appliances in the RV and the hook up at the campsite should be switched OFF before you connecting the RV. Use the 110V hook-up whenever possible in order to preserve and recharge the coach batteries. After connecting the power cable ①, tighten the black ring ② to prevent accidental unplugging.



① ②

## CONVERTER

A power converter automatically converts 110V power to 12V power for use by 12V appliances. The converter is located in the fuse box. No manual operation is required as it is fully automatic.

## FUSES & FUSEBOX

The fuses for the internal 12V or 110V power circuit are located in the fuse box which is located near the entrance door at floor level.



Fuse/  
Converter  
box

12V plug-in  
(blade-type) Fuses

110V breakers

## 12V PLUG-IN (BLADE-TYPE) FUSES

The 12V plug-in fuses protect the inside and outside lighting, water heater, water pump, heater fan, fans, bathroom vent, fridge, awning and slide-out. If an appliance doesn't work, a fuse might be blown. When the connecting wire in the middle of the fuse is broken the fuse has to be changed. Our RV's are equipped with spare fuses which are usually placed in one of the kitchen drawers.



Intact fuse

Faulty fuse

## POWER OUTLETS & RESET BUTTON



While connected to a 110V power grid or while the generator is running, the living area is supplied with power and the integrated power outlets can be used. The power outlets do not supply power while driving. Only 12-volt power is available while driving.

If the power outlets do not work while connected to a 110V source, please check if the reset switch has been tripped. To do this, press the reset button ① then check the outlets for power again. The reset button is located at the outside power outlet on the passenger side.

## MICROWAVE

A minimum of 110V/15AMP hook-up is required to operate the microwave oven. If a 15AMP connection is used and, in addition to the convection oven, other 110V appliances are turned on, there is a risk of a circuit overload which might cause the main fuse (110V breaker) to trip. To operate multiple 110V appliances we recommend a 30AMP connection.

## ROOF AIR CONDITIONER

110V/30AMP hook-up is required to operate the roof air conditioner.

### Troubleshooting: Power Supply

Problem	Cause/Solution
No power from the power outlets	<ul style="list-style-type: none"> <li>- RV is not connected to 110V</li> <li>- 110V power source at campground is not working</li> <li>- Broken power cord</li> <li>- Tripped breaker</li> <li>- Reset button tripped</li> </ul>
No power at all in the living area or only when the engine is running	<ul style="list-style-type: none"> <li>- Main power switch is OFF (page 11, battery switch position)</li> <li>- Coach battery level is too low and the batteries need to be charged by driving or connection to 110V</li> </ul>
Smell of rotten eggs	Please open all windows and doors, turn off the propane, and check if there is a leak in the propane system. If this is not the case, your coach batteries may have been overloaded. A propane leak must be repaired in a repair shop, and an overheated battery must be replaced. Please contact our OnRoad-Service, and we will make an appointment for you.

## GENERATOR

Your RV is equipped with an integrated generator providing your vehicle with 110V power (AC) when it is not hooked up to the power grid on the campground. In addition, the coach batteries will be charged slowly. The generator draws fuel from the propane tank.



The generator must be OFF while driving!

### Turning the Generator ON

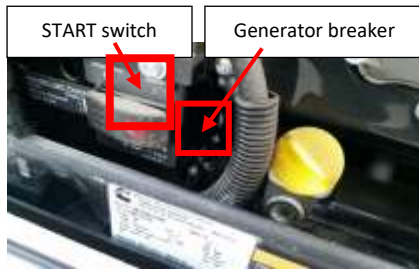
1. Turn off all electrical devices.
2. Press and hold the switch in the STOP (PRIME) until the Start/Stop switch LED flashes.
3. Press and hold the switch in the START position until the generator starts.
4. Wait 30 to 40 seconds for the power circuit to close. The microwave will beep to indicate power connection is complete.

### Turning the Generator OFF

1. Turn off all electronic devices.
2. Press and hold the switch to the STOP position. The Start/Stop switch LED dims as the generator stops.

### Troubleshooting: Generator

Problem	Cause/Solution
Generator does not start	<ul style="list-style-type: none"> <li>- Propane is not available. Ensure propane service valve is open and tank is not empty.</li> <li>- Start button pressed and held for enough time. It needs to be pressed for approx. 10 seconds (sometimes longer).</li> <li>- Weak coach batteries. Start and run the engine for a few minutes and then try to start the generator again.</li> <li>- Blown or burnt out fuse. Please check the fuses in the fuse box and on the generator, and replace plug-in fuses if required</li> </ul>
Fuse is tripped	The circuit is overloaded. If too many appliances are used simultaneously, the fuse may be tripped while the generator is running. Please turn off the appliances and check the 110V breaker in the fuse box. If all breakers in the fuse box are in the ON position, please also check the breaker right on the generator (see below picture). Then try to start the generator again.



Please remove the green generator cover to check the breaker (small black lever) on the side of the generator. There is also a start switch above it directly on the generator.



**SAFETY INSTRUCTIONS:**

1. Never use the generator compartment for storage. Please keep the compartment clean and dry at all times.
2. Do not use the generator when the RV is parked in high grass or in scrubby terrain because the heat of the exhaust fumes may cause a fire in dry conditions.
3. Do not touch the generator while it is running or shortly after it has been turned off to avoid burns.

**SOLAR SYSTEM**



There is a solar panel on the roof of your RV which continuously charges the coach battery when exposed to sunlight. The solar power system is automated and does not require manual operation. Please do not make any changes to the default settings on the control panel.

**INTERIOR CONTROL PANEL**



**Level Check**

Use this button to check the level of the black and grey holding tanks, fresh water tank, propane tank and house batteries.

**PROPANE TANK**

Stove top burners, oven, water heater, furnace and refrigerator are all propane operated. The RV is equipped with an integrated propane tank, which is located underneath the vehicle. Tank inlet, main service valve and the fill level indicator are located on the tank.

The propane tank is full at the start of rentals and does not need to be full when returned at the end of rentals. Refilling that may be required while travelling is the expense of renters. Refilling can be done at most fuel stations and some private campgrounds. Service personnel will do the refilling. There is no self-service for propane.



Fill level indicator

Tank inlet

Main valve for opening and closing the tank. Close in clockwise direction, open in counter-clockwise direction.



<b>CAUTION:</b>	<p>When used properly, propane use is very safe. Nevertheless, all our vehicles are equipped with a propane detector that triggers an alarm when an elevated concentration of propane is detected in the air. Propane is highly flammable and explosive. Therefore, please be sure to strictly follow the operating instructions for all propane-operated devices in the vehicle.</p> <p>If you notice a smell of sulfur or rotten eggs, or if the propane alarm sounds, extinguish all open flames immediately, do not operate any electrical switches, and please close the main valve of the propane tank. Immediately open all windows and doors. Once the alarm stops, make sure that all switches on the Stove top are properly turned off, i.e. are in the OFF position.</p> <p><b>In such cases, avoid open fire under all circumstances!</b></p> <p>Prior to any refuelling, propane refilling or ferry rides, the main valve of the propane tank <b>MUST</b> be closed. All propane-operated appliances, such as the fridge, stove and heater, must first be turned off.</p>
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### Troubleshooting: Propane

Problem	Cause/Solution
Propane operation of the appliances does not work.	<ul style="list-style-type: none"> <li>- The propane valve on the tank is closed. Please open the valve.</li> <li>- The propane tank is empty. Please refill.</li> </ul>
No propane supply after main valve has been turned on after a refill or ferry trip.	Please open the valves very slowly because otherwise. The safety shut-off valve, may be triggered preventing the propane from flowing to the end devices. Allow 1 to 2 minutes for the propane to reach the devices.
Propane alarm is triggered or there is a smell of sulfur or rotten eggs inside the RV.	Immediately close the main valve on the propane tank. There may be a leak in the system. Open doors and windows so that any propane can escape to the outside. Avoid open fire under any circumstances until the smell has dissipated, and do not operate any electrical switches. The system must be inspected by a technician. If there is no problem with the propane system, the smell may indicate a coach battery overload or short circuit. If this is the case, you should be able to see a white powder (sulphuric acid) on or around the battery. Please do NOT touch it, because the acid is corrosive! Please call our OnRoad-Service so that we can arrange for an appointment with a technician.

## WATER SYSTEM

### FRESHWATER TANK (POTABLE WATER/TANK FILL)

The RV is equipped with an integrated fresh water tank. It is not automatically refilled by hooking up to the city water connection. It must be refilled separately through the "Potable Water" or "Tank Fill" inlet on the passenger side.

<b>CAUTION:</b>	Never empty the fresh water tank entirely because this may damage the water pump. Renters are liable for damage expense and/or loss of time resulting from insufficient water tank level.
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### Troubleshooting: Freshwater Tank

Problem	Cause/Solution
Freshwater tank remains empty despite refilling.	Be sure not to confuse the freshwater tank inlet (passenger side) with the city water connection or the sewer flush (both at the driver side). The freshwater tank does not automatically refill through the city water connection but must be refilled separately.

## WATER PUMP



The water pump switch must have switched ON (illuminated in red) to draw water from the fresh water tank. The switch for the water pump is on the battery and tank level panel.

Please turn off the pump

- while driving,
- when not use it for an extended period,
- when the RV is connected to the city water hook up.

This prevents overheating. Renters are liable for damage resulting from overheating.

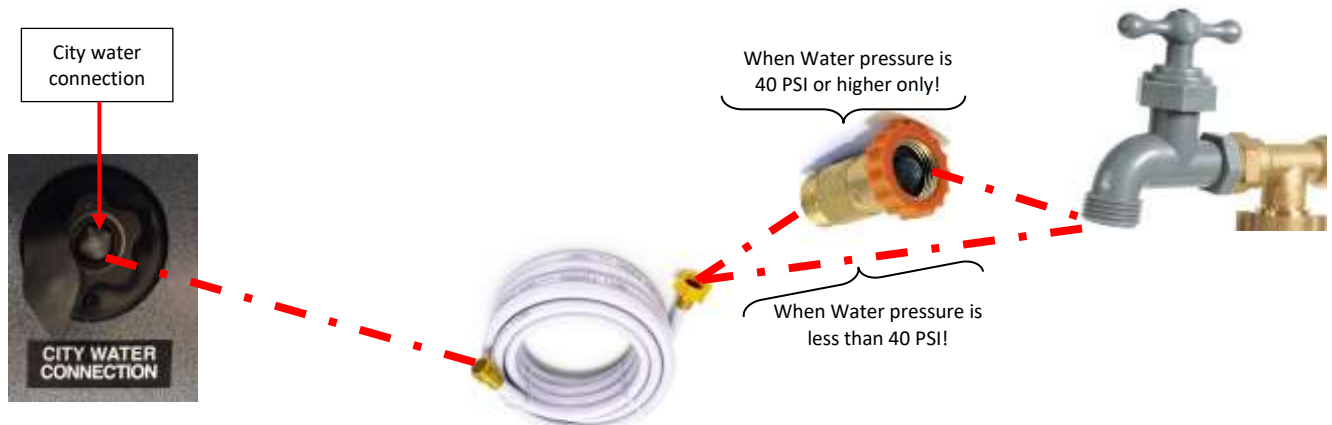
### Troubleshooting: Water Pump

Problem	Cause/Solution
Water pump does not start.	<ol style="list-style-type: none"> <li>1. The 12 Volt plug-in fuse is blown. Please check the 12V plug-in fuses and replace where necessary.</li> <li>2. The battery voltage is too low. Please check the coach battery level on the battery and tank indicator panel, and if necessary, recharge the battery.</li> <li>3. The pump is faulty. Please call our OnRoad-Service.</li> </ol>
Constant “grunting” sound from the pump.	<ol style="list-style-type: none"> <li>1. Water tank is empty. Please refill.</li> <li>2. Loose connection in the water system. Please call our OnRoad-Service.</li> </ol>

## CITY WATER CONNECTION

The RV can be connected directly to the pressurized fresh water system of the campground with the provided water hose and pressure regulator. Please note the following steps:

1. Please ask the campground staff for the available water pressure at their sites. Use of the pressure regulator is required for pressures of 40 PSI or higher. Please also use the pressure regulator when the water pressure is not known.
2. Connect one end of the water hose to the city water connection at the driver side of the RV.



3. Connect the other end of the water hose to the water pressure regulator and the regulator to the water tap of the camp site when the water pressure is 40 PSI or higher. If the pressure is lower than 40 PSI, connect the other end of the hose directly to the tap.
4. Please open the water tap of the camp site half a turn only to avoid excess pressure on the water lines of the RV when not using the pressure regulator.
5. Open all water taps of the RV slowly to ventilate the pipes.

## WATER HEATER



The RV is equipped with a propane-operated water heater which supplies heated water to the faucets and showers. The water heater refills automatically drawing the cold water available from the freshwater tank or city water connection.

Press the water heater switch ① into the ON position. The red LED ② illuminates for approximately 15 seconds and goes out at the same time that the propane burner can be heard igniting. The water reaches a temperature of approximately 50 to 60 degrees Celsius (120 to 140 degrees Fahrenheit) and requires a heating time of approx. 20 to 30 minutes. The water heater will automatically reignite as required to maintain the water temperature as long as the switch ① is in the ON position.

<b>CAUTION:</b>	It is important that the water heater is turned off while refueling or driving!
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### Troubleshooting: Water Heater

Problem	Cause/Solution
The water heater LED does not illuminate when the water heater is switched on.	<ul style="list-style-type: none"> <li>- Water is already hot.</li> <li>- 12V plug-in fuse for the water heater has blown.</li> <li>- Reset needed at the water heater itself</li> </ul>
The water heater does not work at all.	<ul style="list-style-type: none"> <li>- Not enough propane.</li> <li>- Not enough power because the level of the coach battery is too low.</li> </ul>

## SHOWER

The showers have a sliding button on the shower head (picture on the right) to control the water flow. The water flow can be stopped while taking a shower to save water and space in the grey water tank.



### Troubleshooting: Shower

Problem	Cause/Solution
The water in the shower does not drain away.	<ul style="list-style-type: none"> <li>- The grey water tank is full. Please empty it as soon as possible.</li> <li>- The shower drain is clogged up. Please remove any residue blocking the drain.</li> </ul>

## OUTSIDE SHOWER

Only biodegradable shower gels and shampoos are permitted for outside shower use. These products are available at outdoor and camping stores. Please consider the environment and follow these rules.

## TOILET

### CHEMICALS

To ensure that the toilet can be used without the risk of clogging, it is necessary to add special chemicals to the black water tank. These chemicals deodorize and decompose at the same time. They are available in liquid, powder and tablet form and should be added every time the black water tank has been. After you have added the chemicals to the black water tank pour two buckets of water into the toilet or flush at least four times to help the chemicals dissolve and work.

<b>CAUTION:</b>	Only use biodegradable or 1-layered toilet paper. Do NOT dispose of diapers, hygiene articles, Q-tips, etc. in the toilet UNDER ANY CIRCUMSTANCES! Avoiding this prevents clogging, repairs and time loss that would be at the renter's expense.
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### Troubleshooting: Toilet

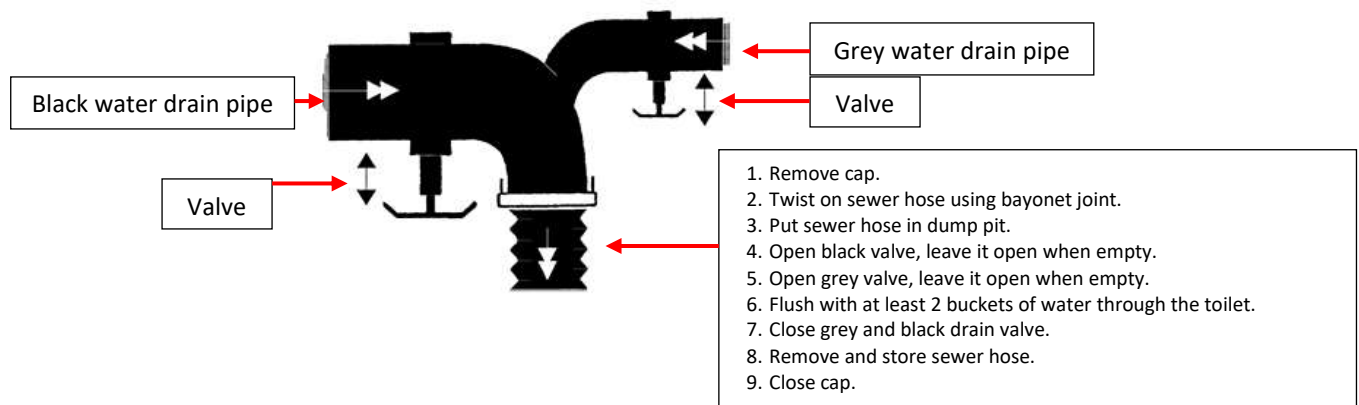
Problem	Cause/Solution
The toilet is clogged up.	<ul style="list-style-type: none"> <li>- The black water tank might be full. Please empty it at the dump station of your campground or a Sani dump.</li> <li>- Pour some hot water into the toilet. It will flow to the wastewater tank and should help dissolve solid waste quickly. It only works if no objects are causing the problem.</li> </ul>

### WASTEWATER

The RV is equipped with two separate waste water tanks. The grey water tank holds the waste water drained from the sinks and shower. The black water tank holds waste flushed down the toilet. Please use plenty of water with each flush of the toilet to prevent clogging.

**The tank capacities are limited. Tanks must therefore be emptied regularly.**

### EMPTYING THE WASTEWATER TANKS



<b>CAUTION:</b>	<ul style="list-style-type: none"> <li>- NEVER leave the vehicle unattended while draining the wastewater tank.</li> <li>- Do not leave the drain valves open while the RV is connected to a permanent sewer drain at the site because this may lead to crusting and clogging in the black water tank. The renter is liable for any damage resulting from improper use of the system.</li> <li>- The wastewater tanks must be emptied at designated disposal stations only. These DUMPING, SANI or DISPOSAL stations can be found at many campgrounds and at some gas stations and rest stations along main roads and highways. The wastewater tanks should be emptied regularly, i.e. every two or three days.</li> </ul>
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### Troubleshooting: Wastewater Tanks

Problem	Cause/Solution
The RV is hooked up to the city water connection and water comes out of the toilet and/or the ventilation pipe on the roof.	You accidentally connected the water hose to the sewer flush. Turn off the water and connect the hose to the "City Water" hook-up.
The wastewater tanks are indicated to be full although they have just been emptied.	<ul style="list-style-type: none"> <li>- Paper, grease or food can get stuck on the sensors inside the tank causing false readings.</li> <li>- There is no clog if water can be heard running through the sewer hose.</li> </ul>

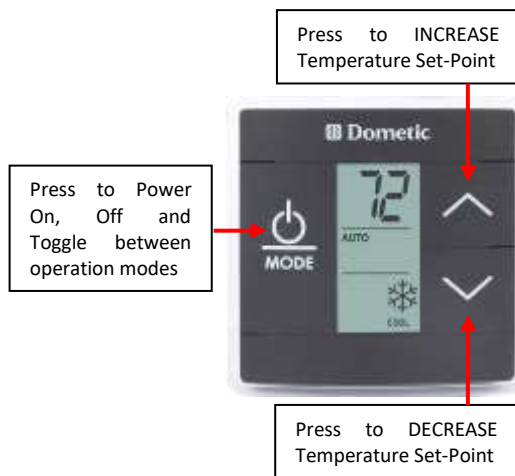
### HEATING/AIR CONDITIONING

The RV is equipped with a furnace which is operated by 12V and fueled by propane. Ensure that a propane bottle is open and the batteries are charged or the camper is hooked up to a 110V power grid. The furnace is controlled using the thermostat (see below).

<b>CAUTION:</b>	<ul style="list-style-type: none"> <li>- NEVER run the furnace for an extended time WITHOUT a power connection. If the camper is not hooked up to a 110V power grid (on the campground), the heater may become overloaded. The fan consumes power that could quickly drain the camper batteries. The stress on the batteries can be mitigated by setting the thermostat to the lowest possible temperature for comfort. The renter is liable for repairs and loss of time due to battery overload!</li> <li>- The RV must be hooked up to a 110V/30AMP power grid or the generator must be running to be able to operate the air conditioning.</li> </ul>
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## THERMOSTAT

The furnace and the air conditioner are both regulated from the same thermostat. The display indicates the mode and the room temperature. The display of this **Dometic Capacitive Touch Thermostat** will come on when the mode button is pressed once. It will show the **Inside Temperature** in **OFF mode** only!



### Fan Mode Setting:

Press the Mode button until the fan mode is active. Press the  $\Delta$  or  $\nabla$  button to cycle through fan speed options Low, High and Auto. We recommend to use the setting **AUTO!**

### Mode of Operation:

Press the Mode button to cycle through the available modes **COOL** and **FURNACE**. To change the set-point, press the  $\Delta$  button to increase and the  $\nabla$  button to decrease the set-point.



There are not any control switches on the air conditioning unit in the ceiling of the RV. Use sliders (O) to open or close vents.

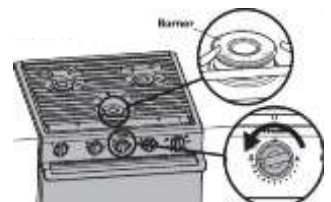
## Troubleshooting: Heater

Problem	Cause/Solution
The heater blows cold air.	<ul style="list-style-type: none"> <li>- The set temperature has already been reached.</li> <li>- Main valve of propane tank is closed.</li> <li>- Propane tank is empty.</li> <li>- Fan setting is on LOW or HIGH, please turn to AUTO!</li> </ul> Test fridge and stove for a problem with the propane supply!
The heater fan does not start.	<ul style="list-style-type: none"> <li>- Empty coach batteries.</li> <li>- Loose wire/contact in thermostat. Please call our OnRoad-Service.</li> </ul>
Furnace fan comes on and shuts off after 20-30 seconds	<ul style="list-style-type: none"> <li>- Sail switch needs to be cleaned, please call our OnRoad-Service.</li> </ul>
Thermostat does not stay in operation mode or operation seems erratic.	Thermostat needs to be rebooted, please call our OnRoad-Service.

## COOKING AREA

### STOVE

The stove elements burn propane. The burners have no safety valves. Propane flows when an element is turned up but is not aflame. Please always ensure elements are turned off when not in use and that the flames of the burners haven't been extinguished by just a draft of air with propane escaping unnoticed.



## Ignition

Press in the knob of the corresponding element and turn it counter-clockwise (propane flow can be heard). Ignite the element by turning the spark knob or using a gas lighter. Turn the element's knob to desired level and release.

## Turning Off

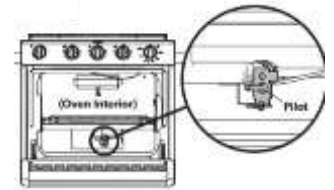
To shut off an element, turn the corresponding knob back to the OFF position. Be sure that the knob clicks into place and is locked so it can no longer be turned.

## OVEN

The oven's burner is fueled by propane. Propane flows when the burner is turned up but is not aflame. Please always ensure the control knob is turned fully to OFF when not in use.

## Ignition

The pilot light the tray in the back of the oven. To light the oven, turn the oven knob to the Pilot On position and keep it pressed in. At the same time, light the pilot light using a gas lighter. Wait for about 1 minute, then slowly release the knob and while turning it to the desired oven temperature. The burner will now fully ignite.



## Shut off

Turn the knob back into the OFF position to shut off the oven.

<b>CAUTION:</b>	The stove and oven must be turned off while driving and must NEVER be used to heat the camper. We recommend always opening a window or skylight when the stove and/or oven is in use. Ensure the oven door is always properly closed because the plastic knobs above the door could melt.
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## MICROWAVE

The RV is equipped with a microwave in addition to a stove and oven. Please note that the microwave only works if the RV hooked up to a power grid or the generator is running.

## CONTROLS AT A GLANCE



- ① Time Defrost
- ② Time Cook
- ③ Power
- ④ Number Keys
- ⑤ Stop/Cancel: Clears all previous settings pressed before cooking starts.  
During cooking: press once to stop oven; twice to stop and clear all entries.
- ⑥ Weight Defrost
- ⑦ Clock
- ⑧ Kitchen Timer
- ⑨ Auto Menu
- ⑩ Start/+30SEC.
- ⑪ Memory

## POWER LEVEL

11 power levels are available.

Level	10	9	8	7	6	5	4	3	2	1	0
Power	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%	0%
Display	PL10	PL9	PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1	PL0

## CLOCK SETTING

1. Press "CLOCK" once, "00:00" will display
2. Press the number keys and enter the current time. Example "1, 2, 1, 0" for 12:10.
3. Press "CLOCK" to finish clock setting. ":" will flash and clock will be lighted

### **KITCHEN TIMER**

1. Press "KITCHEN TIMER " once, the screen will display 00:00, the first hour figure flash.
2. Press the number keys and enter the timer time. (The maximum cooking time is 99 minutes and 99 seconds.)
3. Press " START/+30SEC. " to confirm setting.
4. When the timer time arrives, the buzzer will ring 5 times. If the clock has been set (12-hour system), the screen will display the current time.

- Note:
1. The kitchen time is different from 12-hour system. Kitchen Timer is a timer.
  2. During kitchen timer, any program cannot be set.

### **MICROWAVE COOK**

1. Press "TIME COOK" once, the screen will display "00:00".
2. Press number keys to input the cooking time, the maximum cooking time is 99 minutes and 99 seconds.
3. Press "POWER" once, the screen will display "PL10". The default power is 100% power. Now you can press number keys to adjust the power level.
4. Press " START/+30SEC. " to start cooking.

Example to cook the food with 50% microwave power for 15 minutes.

- a. Press "TIME COOK" once. "00:00" displays.
- b. Press "1", "5", "0", "0" in order.
- c. Press "POWER" once, then press "5" to select 50% microwave power.
- d. Press "START/+30SEC." to start cooking.

Note:

- 1) In the process of setting, if the " STOP/CANCEL" button is pressed or if there is no operation within 1 minute, the oven will go back to the former setting automatically.
- 2) If "PL 0" selected, the oven will work with fan for no power. You can use this level to remove the odour of the oven.
- 3) During microwave cooking, "POWER" can be pressed to change the power you need. After pressing "POWER", the current power flash for 3 seconds, now you can press number button to change the power. The oven will work with the selected power for the rest time.

### **SPEEDY COOKING**

1. In waiting state, instant cooking at 100% power level can be started by select a cooking time from 1 to 6 minutes by pressing number pads 1 to 6. Press "START/+30SEC." to increase the cooking time; the maximum cooking time is 99 minutes and 99 seconds.
2. In waiting state, instant cooking at 100% power level with 30 seconds cooking time can be started by pressing "START/+30SEC". Each press on the same button will increase cooking time by 30 seconds; the maximum cooking time is 99 minutes and 99 seconds.

Note: During microwave cooking and time defrost, time can be added by pressing "STRT/+30SEC." button.

### **WEIGHT DEFROST FUNCTION**

1. Press " WEIGHT DEFROST "once, the screen will display "dEF1".
2. Press numerical buttons to input weight to be defrosted. Input the weight ranged between 4~100 Oz.
3. Press " START/+30SEC. " to start defrosting and the cooking time remained will be displayed.

### **TIME DEFROST FUNCTION**

1. Press " TIME DEFROST " once, the screen will display "dEF2".
2. Press number pads to input defrosting time. The effective time range is 0:01~99:99.
3. The default microwave power is power level 3. If you want to change the power level, press " POWER " once, and the screen will display "PL 3", then press the number pad of the power level you wanted.
4. Press " START/+30SEC. " to start defrosting. The remained cooking time will be displayed.

### **POPCORN**

1. Press " POPCORN " repeatedly until the number you wish appears in the display, "1.75", "3.0", "3.5" will display in order. For example, press "POPCORN" once, "1.75" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer will sound five times and then turn back to waiting state.

## **POTATO**

1. Press " POTATO " repeatedly until the number you wish appears in the display, "1", "2", "3" will display in order.  
"1"SET: 1 potato (approximate 8 Oz)  
"2"SETS: 2 potatoes (approximate 16 Oz)  
"3"SETS: 3 potatoes (approximate). For example, press "POTATO" once, "1" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

## **FROZEN VEGETABLE**

1. Press " FROZEN VEGETABLE " repeatedly until the number you wish appears in the display, "4.0", "8.0", "16.0" Oz will display in order. For example, press "FROZEN VEGETABLE" once, "4.0" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

## **BEVERAGE**

1. Press " BEVERAGE " repeatedly until the number you wish appears in the display, "1", "2", "3" cup will display in order. One cup is about 120ml for example, press "BEVERAGE" once, "1" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

## **DINNER PLATE**

1. Press " DINNER PLATE " repeatedly until the number you wish appears in the display, "9.0", "12.0", "18.0" Oz will display in order. For example, press "DINNER PLATE" once, " 0" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

## **PIZZA**

1. Press " PIZZA " repeatedly until the number you wish appears in the display, "4.0", "8.0", "14.0" Oz will display in order. For example, press " PIZZA" once, "4.0" appears.
2. Press " START/+30 SEC. " to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

## **MEMORY FUNCTION**

1. Press "0/MEMORY" to choose memory 1-3 procedure. The screen will display 1, 2, 3.
2. If the procedure has been set, press " START/ +30 SEC." to use it. If not, continue to set the procedure. Only one or two stages can be set.
3. After finishing the setting, press "START/ +30 SEC." once to save the procedure. If press " START/ +30 SEC." again, it will start cooking.

Example: To set the following procedure as the second memory, that is memory 2. To cook the food with 80% microwave power for 3 minutes and 20 seconds. The steps are as follow:

- a. In waiting states, press "0/MEMORY" twice, stop pressing until the screen displays "2".
- b. Press "TIME COOK" once, then press "3", "2", "0" in order.
- c. Press "POWER" once, "PL10" displays, then press "8" and "PL8" displays.
- d. Press "START/ +30 SEC." to save the setting. Buzzer sounds once and the screen will display "2". If you press "START/+30SEC." again, the procedure will be saved as the memory 2 and operated.
- e. If electricity is not cut off, the procedure will be saved all the time. If it is, the procedure need to reset.
- f. If you want to run the saved procedure, in waiting state, press "0/MEMORY" twice, screen displays "2", then press "START/+30SEC." to run.

## **MULTI-STAGE COOKING**

At most 2 stages can be set for cooking. In multi-stage cooking, if one stage is defrosting, then defrosting shall be placed at the first stage automatically. Note: Auto cooking cannot work in the multi-stage cooking.

Example: If you want to cook with 80% microwave power for 5 minutes + 60% microwave power for 10 minutes. The cooking steps are as following:



1. Press "TIME COOK" once, then press "5", "0", "0" to set the cooking time;
2. Press "POWER" once, then press "8" to select 80% microwave power.
3. Press "TIME COOK" once, then press "1", "0", "0", "0" to set the cooking time;
4. Press "POWER" once, then press "6" to select 60% microwave power.
5. Press "START/ +30 SEC." to start cooking.

### LOCK FUNCTION FOR CHILDREN

Lock: In waiting state, press " STOP/CANCEL " for 3 seconds, there will be a long "beep" denoting the entering into the children-lock state; meanwhile, screen will display " ".

Lock quitting: In locked state, press " STOP/CANCEL " for 3 seconds, there will be a long "beep" denoting that lock is released.

### INQUIRING FUNCTION

1. In cooking state, press " CLOCK ", the oven will display clock for three seconds.
2. In the microwave cooking state, press " POWER " to inquire microwave power level, and the current microwave power will be displayed. After three seconds, the oven will turn back to the previous state. In multi-stage state, the inquiring way can be done by the same way as above.

### COOKING END REMINDING FUNCTION

When the cooking is over, the buzzer will sound 5 "beep"s to alert user the cooking is finished.

### OTHER SPECIFICATIONS

1. In standby state, if the set clock digital tube displays current time, the icon " : " would flash; otherwise, it shows " 0:00 ".
2. In setting function state, the screen displays corresponding setting.
3. In working or pause state, the screen displays surplus cooking time.

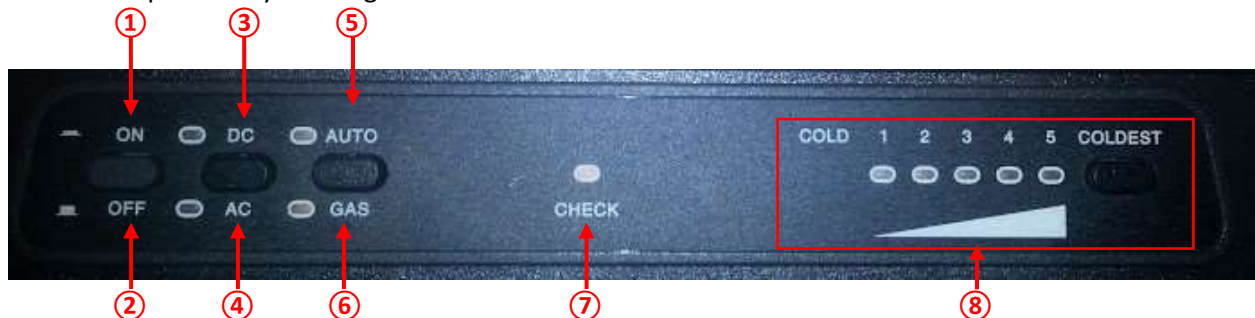
## FRIDGE

### AUTOMATIC VS. PROPANE MODE

When the fridge is set to AUTO ⑤ it automatically selects the available energy source. When the camper is not connected to a 110V source of power, the fridge will run by gas (ensure a propane tank is open). When the camper is connected to 110V the fridge will automatically switch to AC operation. We recommend keeping the fridge set to AUTO mode. When the fridge is set to GAS ⑥ it runs by propane only.


<b>CAUTION:</b>	<ol style="list-style-type: none"> <li>1. Park the RV in a level spot. <b>Parking in spaces that are not level impedes the cooling process and damages the fridge.</b></li> <li>2. Always be sure to close the fridge and freezer doors completely.</li> <li>3. Before arriving at a fuel station or a ferry please turn off the fridge and shut off the propane. After leaving a fuel station or ferry, reopen the propane valve first and then restart the fridge.</li> </ol>
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The control panel for your fridge is located above the freezer:



- ① ON ② OFF ③ Battery mode ④ 110V mode ⑤ Automatic mode ⑥ Propane mode  
⑦ Check light/failure ⑧ Temperature control

## Troubleshooting: Fridge

Problem	Cause/Solution
Display is on but fridge does not cool	<ul style="list-style-type: none"> <li>- Failure because RV is not parked level</li> <li>- Fridge is too full, air can't circulate</li> <li>- Evaporator fins ① are iced up, thermistor ② too high (colder)</li> <li>- Evaporator thermistor ② too low (warmer)</li> <li>- Cable ③ fell off the thermistor</li> <li>- Temperature set too low at the control board at front of fridge</li> <li>- Extreme heat can cause problems when fridge side of the RV is exposed to direct sunlight</li> <li>- Rare but possible: The flexible propane line is kinked and restricting the propane and as well the fresh water supply when moving the slide out</li> </ul> 
Fridge does not work with 110V hook-up.	<ul style="list-style-type: none"> <li>- No power from campground</li> <li>- Blown fuse in the inside fuse box</li> </ul>
Fridge does not work on propane	<ul style="list-style-type: none"> <li>- Propane tank empty or the valve is closed</li> <li>- Air in propane line when the propane tank was refilled or has not been used for an extended time. Turn fridge off and on several times. If problem persists, turn off the valve on the propane tank, briefly turn the stove on so that air can escape from the line. Then slowly turn the propane valve open again.</li> <li>- Propane flame is out due to wind or the like. Turn off the fridge and then turn it back on after a few seconds.</li> </ul>
Fridge stopped working and LED's and lights are off or fridge doesn't cool in battery mode	<ul style="list-style-type: none"> <li>- Empty coach batteries</li> <li>- Coach batteries turned off at the battery/main power switch</li> <li>- Thermal fuse blown (for solution please see below)</li> <li>- Reset button is tripped (for solution please see below)</li> </ul>

### COOLING UNIT FAILURE INSPECTION

1. Park RV on a level surface
2. If you smell ammonia inside or at the rear of the fridge it has failed.
3. Inspect the cooling unit, the pipes at the back of the fridge.
4. Let the fridge run on 110V or propane for one hour.
5. Open the fridge vent cover at the driver side.
  - a. Feel the lowest black pipe. It should be very hot. Now feel the piping system from the bottom to the top. The pipes should gradually get a little bit cooler but still warm. If there is a sudden change from hot to cool there is a blockage in the system and it has failed.
  - b. Listen to the black pipes. There should be no sounds. If you hear a swishing, gurgling, or running liquid inside the system has failed.
  - c. If you see a yellow residual staining usually at the lower right area at the back of the fridge the fridge has a leak and failed.
6. If your fridge is OPERATING but NOT COOLING as mentioned above, please follow instructions below!

## FRIDGE RESET

If your fridge does not cool, and neither the display nor the interior of the fridge is illuminated, please first check if the problem can be solved by resetting the fridge. To do this, follow these steps:

1. Turn off the fridge.
2. Turn off the main power and the propane.
3. Open fridge vent cover at the driver side.
4. Unscrew and remove the metal silver burner box cover ①.
5. Check if the black reset button ② between the two red cables is still pushed in. If it is not, please push it back in.
6. Open the propane valve slowly and turn the battery on.
7. Turn the fridge back on.



If the problem persists, the thermal fuse of the fridge may have blown. Please call our OnRoad-Service, and we will try to arrange an appointment at a workshop near you. If you feel comfortable you can alternatively

Bypass the thermal fuse

1. Turn off the fridge. Turn off the main power and the propane.
2. Open fridge vent cover at the driver side.
3. Unscrew and remove the metal silver burner box cover ①.
4. There are the two red wires attached to the reset switch ②. One of the wires leads to the thermal fuse what is attached to lower fridge part.
5. Remove the screw or metal tab and cut off the black fuse ③.
6. Join the red wires together but do not let the exposed wires touch anything!
7. Turn propane, main power and fridge back on.
8. If the fridge starts tape and secure the wires.



The fridge should be working now. The thermal fuse has to be replaced later.

## SLIDE-OUT

The RV is equipped with a slide-out. When using the slide-out, please proceed as follows:

1. Park on a **LEVEL** surface with sufficient open space to extend the slide-out (no inclines, trees, etc.).
2. Put the gear selector into the PARK (P) position and remove the ignition key.
3. There is a double switch for operating the slide-out just inside the camper door. The upper switch must be in the **ON – Electrical Drive** position. This switch can be left ON and only needs to be set in the OFF – Main Drive position when operating the slide-out manually.
4. **EXTEND** the slide-out by holding the lower switch into the **OUT** position until slide-out is fully extended.
5. Hold the switch to the **IN** position to **RETRACT** the slide-out.



<b>CAUTION:</b>	There must not be any heavy objects like suitcases in the slide-out or people sitting at the dinette while the slide-out is being extended or retracted. Otherwise the motor of the slide-out could overheat and become damaged.
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## Troubleshooting: Slide-Out

Problem	Cause/Solution
Slide-out does not move	<ul style="list-style-type: none"> <li>- Slide-out power is off or main power switch is off</li> <li>- Level of coach batteries is too low</li> <li>- Key is in the ignition</li> <li>- Gear selector is not in (P) park position</li> <li>- Objects under or on top that prevent the slide-out from moving</li> </ul> <p>When there is no power to the slide-out please try</p> <ul style="list-style-type: none"> <li>- to press the battery boost button at the dash while operating the slide-out</li> <li>- to move the slide-out manually. Please see the instructions on the next page.</li> </ul>
Slide-out moves uneven	Hold the switch (IN or OUT) for 2 seconds after full extension or retraction.

### RETRACTING THE SLIDE-OUT MANUALLY

First, the brake (brake lever) of the slide-out motor must be released. To access it, remove the four screws of the guard located in the upper wall of the propane tank compartment.

For manual use, now put the small lever on the side of the brake (brake lever) in the OFF position.

Put the operating switch in the OFF – Manual Drive position.

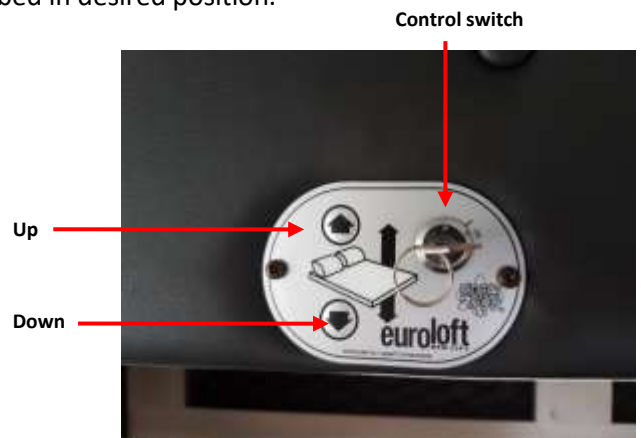
The crank ① for the manual retraction is stored in an external compartment. Now push the crank handle through the small, round opening (crank handle access ②) on the driver side right beside the cabin door. Turn the crank until the slide-out is fully retracted.

Put the brake lever back into the ON – Electrical Drive position to ensure that the slide-out remains retracted and does not extend while you are driving.



### OVERHEAD POWER BUNK BED

The Overlander RV is equipped with a power overhead bunk bed. Turn key to enable the electric bunk bed controls. Press and hold up or down arrows to place bunk bed in desired position.



## SAFETY EQUIPMENT

### SMOKE DETECTOR/CARBON MONOXIDE ALARM



Each RV is equipped with a combined carbon monoxide alarm/smoke detector. This alarm sounds if an excess carbon monoxide concentration (CO) is measured in the air.

CO is a colourless and odourless gas, which can escape if, for example, there is a malfunction in the burner system. Sources of carbon monoxide include open flames (stove, oven, furnaces). Therefore, always make sure that the RV is well-ventilated while cooking appliances are in use, i.e. please open a skylight and/or window.

If the alarm device repeatedly emits individual beeps in certain intervals without triggering an alarm, this indicates that the batteries have reached the end of their life and need to be replaced. Please replace them to ensure that the smoke detector continues to function. Please keep all receipts for such expenses and present them upon return of the RV for reimbursement.

### FIRE EXTINGUISHER

A fire extinguisher is part of the safety equipment in each of our motorhomes. Please refer to the "Vehicle Specifications" chapter for its location.

### PROPANE DETECTOR/ALARM



Each RV is equipped with a propane detector, which is always located near the floor. The alarm goes off whenever an increased propane emission (e.g. from the stove or oven) is detected. Please do not to place any objects near the propane detector to avoid false alarms.

Please note that the propane alarm is connected to the coach batteries. If the level of batteries is too low, the alarm emits a beep every 30 seconds. In that case, the coach battery must be recharged to ensure continued safety in the vehicle.

#### **In the event of an alarm:**

In the event of an alarm, please turn off the propane supply on the propane tank, open all windows and doors, and wait outside of the RV until the alarm stops. Once the alarm has stopped, please check if the control knobs on the stove and oven are off and no propane escapes unnoticed.

## RETURNING THE VEHICLE

### TIME

Please return the vehicle READY FOR INSPECTION to your rental station at the latest time stated in the rental agreement to ensure it can be properly maintained and cleaned for our next customer. Allow sufficient time for packing. The next renter will appreciate it.

### TANKS

When returning the vehicle, the black and grey water tanks must be EMPTY and the fuel tank must be FULL.

### FINAL CLEANING

Please return the vehicle in good condition and with the interior reasonably clean. We take pride in the condition our vehicles, investing a lot of time on their maintenance and cleaning.

### NO SMOKING

Smoking is not allowed in our vehicles! Violators will be fined according to our "Terms & Conditions".

### EXTRA CHARGES

If the vehicle is returned late without prior approval by our rental station, an hourly late fee is charged according to our "Terms & Conditions". We will charge fees for emptying the waste water tanks, refuelling the fuel tank and cleaning of the vehicle's interior according to our "Terms & Conditions".

<b>CAUTION:</b>	Renters are fully liable for any traffic violations committed during your rental. Please pay your ticket upon your return at the rental station. For payment delays, a processing fee is charged in addition to the actual ticket amount. The fees are listed in our "Terms & Conditions". Thank you for your understanding.
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If you have any questions or concerns, please don't hesitate to contact us. Your rental team would like to thank you and wish you a pleasant time with our Recreational Vehicle.

Your FRASERWAY Team



#### Disclaimers:

Features, components and appliances depicted in this manual may differ from your rental motorhome depending on the model year. All features, components, appliances, materials, instructions, and guidance depicted and/or described in the manual and documentation are as accurate as possible at the time of creation and initially published but may not be accurate as a result of your rental motorhome having been assembled on a date after the manual or document was produced and initially published. Fraserway RV LP reserves the right to make changes, substitutions and improvements to its products without prior notification. This manual is for demonstrative purposes only. If you are still unsure on how to properly operate any appliance or feature addressed by the manual or documentation, please consult with your local Fraserway RV rental branch directly. This manual is (c) 2021 Fraserway RV LP, and all related marks, logos, and model names are owned by Adventurer Manufacturing LP and Fraserway RV LP, Inc. or its licensor(s). No portion of this manual may be copied, altered, published, displayed, broadcast, or otherwise used without the express permission of Fraserway RV LP, Inc. All rights reserved.