



OUTSIDE VAN

PARKS

OWNER'S MANUAL



WELCOME TO THE FAMILY

At Outside Van, we create vehicles that enable people to experience a life of freedom, joy, and connection. Our vehicles are purpose-built and allow you to travel off-grid with the freedom to take the road less traveled.

Outside Van was founded in 2007 as a custom van building outfit, creating beautiful vehicles that allowed our Outsiders to hike and bike, ski and snowboard, wind-surf and kayak, and connect with nature and relax. Over the years we have evolved into a flourishing business, attracting some of the industry's most creative, productive, and experienced experts to our headquarters in Oregon.

Each van is a result of superior workmanship. We use premium, high-end components to ensure our products are durable and reliable. Snow, dirt, water and road tested, each van is ready to handle the most extreme conditions. Our team continues to push the industry and evolve as a company so we can provide the most exceptional and dependable vehicles.

Our motivation comes from people who are adventurous, joyful, loving, and free. Every day our community grows as more people find inspiration by unplugging and recharging. Outside Van is here to inspire you to create your own version of life. With complexity being stripped away, it leaves us space to connect to what's most important in life. This is your vehicle to freedom, so you can experience what we've found: life is simple in a van.

See you on the outside.



**FOR SERVICE OR WARRANTY, PLEASE
CONTACT YOUR SELLING DEALER**

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A stylized illustration of several trees with green foliage and brown trunks, serving as a background for the left side of the page.

PARKS

GETTING STARTED

This user guide is intended to provide you with information on how to care for and operate the different systems and utilities of your Parks van.

The Parks van is built on a Mercedes-Benz Sprinter 2500 170 wheelbase chassis. All operation, maintenance, and safety precautions regarding the vehicle chassis can be found in the van operating instructions.

- **NOTE:** The Parks van may have some components or systems that are different from those listed in this guide. Procedures and pictures of the Parks van were current at the time this guide was created, however Outside Van is dedicated to constant improvement so your van may have new updated systems or components. Always be sure to reference manufacturer documentation.

SAFETY MESSAGES

The Parks User Guide calls out potential hazards with one of two designations:

WARNING SYMBOL

Warnings indicate dangers that could threaten your health or life, or the health or life of other persons could be at risk.

CAUTION SYMBOL

Cautions indicate dangers that could result in minor injury and/or damage to your van.

QUALITY CONTROL INSPECTION

Before leaving our manufacturing facility, all Outside Vans are rigorously inspected. We check every detail and component to make sure the van is functioning as designed and up to our standards. Your dealer is responsible for a comprehensive pre-delivery inspection and correcting any issues with the build or chassis before delivery to the customer.

SERVICE AND WARRANTY

REPORTING SAFETY DEFECTS

Outside Van is dedicated to creating dependable and safe vans. If you encounter an issue or defect that you believe could result in injury or harm, please contact OSV and the National Highway Traffic Safety Administration.

To contact the NHTSA: Call the Vehicle Safety Hotline toll-free at 1-888-327-4236, visit www.safercar.gov, or write to Administrator, NHTSA, 1200 New Jersey Avenue S.E., Washington DC 20590

IN THE EVENT OF AN ACCIDENT

ROADSIDE ASSISTANCE

For roadside or remote campsite emergencies, contact Roadside Assistance (MB Vans 1-800-367- 6372) or other vehicle assistance membership (Good Sam, AAA Plus RV, etc.)

 **CAUTION:** Due to the size and weight of your Parks van, it is NOT ADVISED to perform a tire change yourself.

The factory spare wheel and tire are different than the equipped wheels. In the event of an emergency, the spare tire can be used but it is NOT ADVISED to use the spare tire for extended driving.

In the event of a flat tire, pull to the side of the roadway and activate emergency flashers. Use caution when exiting a vehicle on an active roadway. Contact a professional roadside assistance service. When contacting roadside assistance, be sure to inform them of the size and weight of the Parks van as it may affect the equipment needed to assist you. Vehicle size and weight are listed on the inside of the driver's door and this page of the manual.

If you must change a tire yourself, consult the van chassis manual.

LIABILITIES

CARRYING CAPACITY

Drive 2, Sleep 2

OVERALL VEHICLE DIMENSIONS:

Height	10'
Weight	8000 lbs
	NOTE: the combined weight of the occupants and cargo should never exceed 1050 lbs

Overall Length	23'
Towing	Maximum towing capacity of 5000 lbs; maximum tongue weight of 500 lbs.
Water tank capacity	20 gallons
Grey water tank capacity	22 gallons

GETTING ON THE ROAD

 **CAUTION:** Traveling to some areas may result in a loss of connectivity. It is recommended to download any content that is desired to be accessed while on your trip.

 **WARNING:** All loose items must be properly secured inside or on top of the van to prevent damage to property or injury to persons.

WARNING: Never start or run the engine in an enclosed space, like a closed garage. This could result in serious injury or death.

 **CAUTION:** Make sure all water and waste hoses and components are drained and/or placed in a container to prevent water damage to van components. Traveling with waste in the toilet waste tank could lead to spilling of waste inside the van and present a health hazard for passengers. Monitor waste tank level and empty to an approved sewer waste connection when necessary. See the Water and Plumbing section for more information

- Prior to driving the Parks van, all loose items should be secured inside the van or on the roof storage rack. All table and bed components should be secured in place in a manner that will not allow them to move throughout the cabin. All cabinets and drawers should be fully closed and latched.
- Make sure that all exterior caps and covers are closed or secured in place.
- Make sure that the refrigerator and microwave doors are fully shut and latched.
- Make sure that the awning is fully retracted.
- Verify that the vent lid is either fully open or fully shut.

- Verify side view and towing mirrors are positioned to provide optimal viewing of surroundings.

Use the following checklist as a basic guideline for preparing the Parks van for travel. Stow the following components in their designated storage location:

- 30A shore power cord
- Lagun Table
- Portable induction cooktop
- User guides/manuals

Stow the following components in a secure location:

- Fresh water hoses
- Grey water tank hose
- Wheel chocks
- Dishes/tableware/utensils
- Cleaning supplies/toiletries
- Personal items/luggage

BASIC CAMPSITE TIPS

It is recommended to verify the availability of the following campsite amenities prior to arrival, if possible:

- City water connection
- Sewer connections
- 30A shore power
- Public restrooms/showers
- Trash cans or dumpsters

FOR THE SAFETY OF ALL TRAVELERS, FOLLOW THESE BASIC GUIDELINES:

- Take caution while reversing into any camping location, using all installed safety devices.
- Always make sure power is secured before connecting any electrical connections.
- Make sure all seats are properly positioned and engaged prior to driving the van.
- Make sure your Parks van is positioned at a safe and usable distance from any campsite connections to be used.
- Follow all state and local laws applicable to the camping location.

- Make sure all faucets and water valves are closed prior to pressurizing the water system.
- Always engage the parking brake and use wheel chocks as necessary.
- Never travel with loose items on the interior or exterior of the van.

ONLINE OWNER RESOURCES

Access How-To videos, join the Outsiders online community, and find more helpful resources online at outsidevan.com/owner-resources-parks

A man and a woman are sitting at a wooden table in front of a van, toasting with mugs. The woman is on the left, wearing a grey beanie and a brown hoodie. The man is on the right, wearing a grey hoodie. They are both smiling. On the table are a can of BrewDog beer, a box of P.F. Chang's Fun & Crisp, and a cutting board with vegetables. The background shows the interior of the van with a sink and cabinets, and the exterior of the van with a large window. The scene is lit with warm, golden light from the setting or rising sun.

SECTION 1

SAFETY

PARKS

GENERAL SAFETY

⚠ WARNING: Any safety defects that could result in accident, injury or death should be reported to the National Highway Traffic Safety Administration (NHTSA) immediately. To contact the NHTSA, call the Vehicle Safety Hotline toll-free at 1-888- 327-4236 (TTY 1-800-424-9153) or go to www.safercar.gov.

Operating, servicing, and maintaining this vehicle can expose you to various chemicals—including engine exhaust, carbon monoxide, phthalates, and lead—which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to: www.p65warn-ings.ca/gov/passenger-vehicle

WEIGHT CAPACITIES

⚠ CAUTION: Towing will affect handling and fuel economy of the vehicle. Do not exceed any gross vehicle weight ratings.

For safe and proper operation of the Parks van, follow these weight capacity guidelines:

Bed — maximum weight of 600 lbs.

Towing — maximum towing capacity of 5000 lbs; maximum tongue weight of 500 lbs.

FIRE EXTINGUISHER

Your Parks van is delivered with a First Alert dry chemical fire extinguisher, which is located on the back of the base of the passenger seat.



⚠ WARNING: This extinguisher is designed for use against small fires that have just started and are small enough to fight safely. It is not

designed to fight large fires that are burning out of control. If the fire is too hot or smoky for you to get within 6 feet (2 meters) of it, do not try to fight it yourself. Warn everyone, evacuate the premises, and have someone call the Fire Department from outside the area. Trying to fight a large fire yourself can result in injury or death.

WARNING: Do not puncture or burn any fire extinguisher. The contents are under pressure, and the extinguisher could explode.

WARNING: Never locate this extinguisher close to an engine, stove or other source of heat. It is pressurized and could rupture or explode if exposed to temperatures over 150° F (66° C).

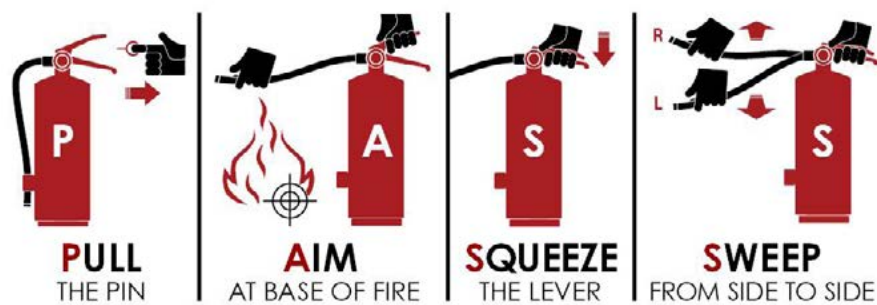
CAUTION: This extinguisher contains a dry powder extinguishing agent. The agent powder is nontoxic, but can irritate skin. When using this unit, avoid breathing the powder. Always ventilate the area after use.

To operate the fire extinguisher to fight a fire, perform the following:

Remove the extinguisher from the mounting bracket.

Hold the unit firmly with the nozzle facing away from you. Pull out the pin to break the “Safety Seal”. You won’t be able to squeeze the lever until the safety seal is removed.

HOW TO USE A FIRE EXTINGUISHER



If the fire is not out, call emergency services and evacuate the premises. Inform them that the vehicle contains a lithium-ion battery system.

FIRE ALARM

The Parks van is outfitted with a combination smoke and carbon monoxide alarm, located in the overhead above the right passenger captain seat.

WARNING: This smoke/CO alarm cannot operate without working batteries. Removing the batteries for any reason, or failing to replace the batteries at the end of their service life, removes your protection.

CAUTION: This unit has two separate alarms. The CO alarm is not designed to detect fire or any other gas. It will only indicate the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas. The smoke alarm will only indicate the presence of smoke that reaches the sensor. The smoke alarm is not designed to sense gas, heat, or flames.

WHAT YOU NEED TO KNOW ABOUT CO

CO is an invisible, odorless, tasteless gas produced when fossil fuels do not burn completely or are exposed to heat (usually fire).

Such fuels include: wood, coal, charcoal, oil, natural gas, gasoline, kerosene, and propane.

Common appliances are often sources of CO. If they are not properly maintained, are improperly ventilated, or malfunction, CO levels can rise quickly. CO is a real danger in “air-tight” spaces with added insulation, sealed windows, and other weatherproofing that can “trap” CO inside. (Electrical appliances typically do not produce CO.)

A CO alarm is an excellent means of protection. It monitors the air and sounds a loud alarm before Carbon Monoxide levels become threatening for average, healthy adults.

A CO Alarm is not a substitute for proper maintenance of home appliances.

To help prevent CO problems and reduce the risk of CO poisoning:

- Test and maintain all fuel burning equipment annually.
- Make regular visual inspections of all fuel-burning appliances. Check appliances for excessive rust and scaling. Also check the flame on the burners and pilot lights. The flame should be blue. A yellow flame means fuel is not being burned completely and CO may be present.
- Use vents or fans when they are available on all fuel burning appliances. Make sure appliances are vented to the outside.
- Check for exhaust backflow from CO sources. Look for cracks on furnace heat exchangers.

- Keep windows and doors open slightly. If you suspect that CO is escaping into your Parks van, open a window or a door. Opening windows and doors can significantly decrease CO levels.

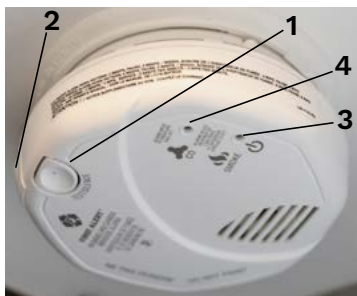
SYMPTOMS OF CO POISONING

These symptoms are related to CO POISONING and should be discussed with ALL users of the Parks van. Exposure to Carbon Monoxide can cause brain damage, or even death.

- Mild Exposure: Slight headache, nausea, vomiting, fatigue (“flu-like” symptoms).
- Medium Exposure: Throbbing headache, drowsiness, confusion, fast heart rate.
- Extreme Exposure: Convulsions, unconsciousness, heart and lung failure.

PARTS OF THE SMOKE/CO ALARM

The key parts of the smoke/CO alarm are identified below.



1. Test/Silence button
2. Battery Compartment
3. Power/Smoke Alarm LED
4. CO Alarm LED

REGULAR MAINTENANCE

The unit has been designed to be as maintenance-free as possible, but there are a few simple steps required to keep it in proper working order. Test your smoke/CO alarm at least once a week.

- Clean the unit at least once a month:
 - Gently vacuum the outside of the alarm using a soft brush attachment, or use a can of clean compressed air (sold at computer or office supply stores), following manufacturer instructions for use.
 - DO NOT use water, cleaners or solvents, as they may damage the unit.
 - Test the alarm to make sure it is working properly.

- If the unit has a build-up of dirt, dust, or grime, it could sound unwanted alarms. If it cannot be cleaned as described, it should be replaced immediately.

WEEKLY TESTING

⚠ WARNING: NEVER use an open flame of any kind to test this unit. You might accidentally damage or set fire to the unit or to your Parks van. The built-in test switch accurately tests the unit's operation as required by Underwriters Laboratories, Inc.(UL). NEVER use vehicle exhaust! Exhaust may cause permanent damage and voids your warranty.

WARNING: DO NOT stand close to the alarm when the horn is sounding. Exposure at close range may be harmful to your hearing. When testing, step away when horn starts sounding.

⚠ CAUTION: It is important to test this unit every week to make sure it is working properly. Using the test button is the recommended way to test this Smoke/CO Alarm.

To perform a weekly test on the smoke/CO alarm, press and hold the Test/Silence button for 3-5 seconds until the unit's alarm sounds.

During the test:

- The horn will sound three (3) beeps, followed by a pause, then three (3) more beeps.
- The Power/Smoke LED will flash red and the CO LED will be off.
- The horn will then sound four (4) beeps, followed by a pause, then four (4) more beeps.
- The Power/Smoke LED will be Off and the CO LED will flash red.
- If the unit does not alarm, make sure the batteries are correctly installed and do the test procedure again. If the unit still does not alarm, it should be replaced immediately.

LOW BATTERY WARNING:

When the batteries are low, the Smoke/CO alarm will “chirp” once every minute, and the LED will flash, indicating the need to replace the batteries. You can use the Silence feature to temporarily quiet the sound.

REPLACING THE BATTERIES

Your Smoke/CO alarm requires two (2) standard AA batteries. The manufacturer recommends Duracel MN1500, available at many local retail stores. DO NOT use rechargeable batteries. Clean the battery contacts and those of the device prior to installing batteries. Be sure to install batteries with the correct polarity (+ and -).



- Open the battery compartment .
- Press tabs A and B (Figure 1-2) and remove each battery.
- Insert the new batteries, making sure they snap completely into the battery compartment and match the polarity of the terminals on the ends of the batteries with the terminals on the unit.
- Close the battery compartment, and test the unit by pressing the Test/ Silence button.

BATTERY COMPARTMENT

Silence Feature

The silence feature will temporarily quiet the chirp of a low battery or end of service life WARNING:.

Low Battery

Press the Test/Silence button on the alarm cover. Once the low battery WARNING: silence feature is activated, the unit continues to flash the green light once a minute for eight (8) hours. After eight (8) hours, the chirp will resume. It is important to replace the batteries as soon as possible. The unit will not operate without battery power.

To deactivate this feature, press the Test/Silence button again. The unit will go into Test Mode and the low battery WARNING: will resume (LED flashes and “chirp” sounds once every minute)

End of Service Life

You can silence the End of Life WARNING: “chirp” by pressing the Test/ Silence button. The horn will chirp, acknowledging that the End of Life silence feature has been activated.

After approximately 2 days, the End of Life “chirp” will resume.

WHEN THE ALARM SOUNDS

Identify the Type of Alarm:

Smoke

- Power/Smoke LED flashes red
- Horn beeps three (3) times, pauses, beeps three (3) times, pauses.
- CO LED is off.

Carbon Monoxide (CO)

- CO LED flashes red
- Horn beeps four (4) times, pauses, beeps four (4) times, pauses.
- Power/Smoke LED is off.

IF THE CO ALARM SOUNDS

- Move to fresh air
- If you hear the CO alarm horn and the CO red light is flashing, move everyone to a source of fresh air. DO NOT remove the batteries!



WARNING: The actuation of your CO Alarm indicates the presence of carbon monoxide (CO) which can kill you. In other words, when your CO Alarm sounds, you must not ignore it!

- Push the Test/Silence button.
- Call your emergency services, fire department, or 911.
- Move to fresh air: outdoors or by an open door or window.

WARNING: This CO alarm measures exposure to CO over time. It sounds an alarm if CO levels are extremely high in a short period of time, or if CO levels reach a certain minimum over a long period of time. The CO alarm generally sounds an alarm before the onset of symptoms in average, healthy adults. In many reported cases of CO exposure, victims may be aware that they are not feeling well, but become disoriented and can no longer react well enough to exit the space or get help. Young children and pets may be the first affected. The average healthy adult might not feel any symptoms when the CO alarm sounds. People with cardiac or respiratory problems, infants, unborn babies, pregnant mothers, or elderly people, however, can be more quickly and severely affected by CO. If you experience even mild symptoms of CO poisoning, consult your doctor immediately.

FINDING THE SOURCE OF CO AFTER AN ALARM

Carbon monoxide is an odorless, invisible gas, which often makes it difficult to locate the source of CO after an alarm. These are a few of the factors that can make it difficult to locate sources of CO:

- Space has been well ventilated before the investigator arrives.
- The problem was caused by “backdrafting.”
- It is a transient CO problem caused by special circumstances.

Because CO may dissipate by the time an investigator arrives, it may be difficult to locate the source of CO. The dealer or manufacturer shall not be obligated to pay for any carbon monoxide investigation or service call.

POTENTIAL SOURCES OF CO

- Fuel-burning appliances like a portable heater, gas range or cooktop.
- Improper use of appliance/ device such as operating a barbecue grill or leaving the vehicle running in an enclosed area (like a garage or screened porch).
- Transient CO Problems “Transient” or on-again off-again CO problems can be caused by outdoor conditions and other special circumstances.

The following conditions can result in transient CO situations:

- Excessive spillage or reverse venting of fuel appliances caused by outdoor conditions such as: Wind direction and/or velocity, including high, gusty winds. Heavy air in the vent pipes (cold/humid air with extended periods between cycles).
- Negative pressure differential resulting from the use of exhaust fans.
- Several appliances running at the same time competing for limited fresh air.
- Extended operation of unvented fuel burning devices (range, oven, heater).
- Temperature inversions, which can trap exhaust close to the ground.
- Vehicle idling in an open or closed attached garage, or near the Syncline van.

These conditions are dangerous because they can trap exhaust. Since these conditions can come and go, they are also hard to replicate during a CO investigation.

ABOUT THE SMOKE ALARM

Battery operated smoke alarms provide protection even when electricity fails, provided the batteries are fresh and correctly installed.

Smoke/CO Alarms cannot work without power. Battery operated units cannot work if the batteries are missing, disconnected or dead, if the wrong type of batteries are used, or if the batteries are not installed correctly.

This Smoke/CO Alarm will not sense smoke or CO that does not reach the sensors. It will only sense smoke or CO at the sensor. Smoke or CO may be present in other areas.

Smoke/CO Alarms may not be heard. The alarm horn loudness meets or exceeds current UL standards of 85dB at 10 feet (3 meters).

The Alarm may not have time to alarm before the fire itself causes damage, injury, or death, since smoke from some fires may not reach the unit immediately. Examples of this include persons smoking in bed, children playing with matches, or fires caused by violent explosions resulting from escaping gas.

This Smoke/CO Alarm is not a substitute for life insurance. Though this Smoke/CO Alarm warns against increasing CO levels or the presence of smoke, the manufacturer does not warrant or imply in any way that they will protect lives. Users must still insure their lives.

This Smoke/CO Alarm has a limited life. Although this Smoke/ CO Alarm and all of its parts have passed many stringent tests and are designed to be as reliable as possible, any of these parts could fail at any time. Therefore, you must test this device weekly. The unit should be replaced immediately if it is not operating properly.

This Smoke/CO Alarm is not foolproof. Like all other electronic devices, this Smoke/CO Alarm has limitations. It can only detect smoke or CO that reaches the sensors. It may not give early WARNING: if the source of smoke or CO is located at a distance from the alarm device.

Troubleshooting Tips:

Problem	Probable Cause	Solution
Horn “chirps” every minute	Low battery WARNING:	Install two new AA batteries*
Horn does three “chirps” every minute; LED has 3 rapid flashes with “chirps”.	MALFUNCTION SIGNAL. Device is not working properly, and needs to be replaced.	Units under warranty should be returned to manufacturer for replacement. See “Limited Warranty” for details.
The light flashes GREEN and the horn sounds 5 “chirps” every minute.	END OF LIFE SIGNAL. Alarm needs to be replaced.	Immediately replace the Alarm.
Carbon Monoxide Alarm ONLY		
CO Alarm goes back into alarm 4 minutes after you silence it.	CO levels indicate a potentially dangerous situation.	If you are feeling symptoms of CO poisoning, evacuate and call 911 or the Fire Department. Refer to “If The CO Alarm Sounds” for details.
Smoke Alarm ONLY		
Smoke alarm sounds when no smoke is visible.	Unwanted alarm may be caused by nonemergency source like cooking smoke.	Silence alarm using Test/Silence button; clean the Alarm’s cover with a soft, clean cloth.

* Manufacturer recommends Duracel MN1500



SECTION 2

POWER





PARKS

POWER OVERVIEW

The Parks van is outfitted with a lithium-ion battery, a DC to AC inverter, and a DC-DC converter. These provide electrical power to the internal van components, utilizing the battery when the van is not connected to a shore power receptacle. This gives you all the comforts of home while you're out in nature. The house battery is separate from the van chassis battery, which powers the engine starter motor, the dash, van running lights, and other components. The house battery is charged via a 120 Volt AC, 30 Amp shore power connection, a charging unit that siphons excess power from the van's factory installed alternator, and/or a roof mounted solar panel that provides a small trickle charge.

⚠ CAUTION: Some of these components are high voltage that can cause injury or fatality. Never touch or use electrical components while your feet are bare, hands are wet, or while standing in water or on wet ground.

When charging via shore power, only use provided 120VAC, 30A power cord or another RV rated 30A cord that is less than 50 feet in length.

Do NOT connect to a 240V power source, this will cause irreparable damage to the battery and inverter.

Failure to properly turn off the house power system before long term storage (greater than three months), even if all loads on the system are removed, can cause permanent damage to the battery.

TURNING ON THE SYSTEM

To turn on the battery system, open the cabinet door to the left of the Garmin Control screen, a touchscreen located on the driver's side overhead cabinet, above the galley, and press the "BATTERY ON/OFF" switch.

The button will illuminate blue and the Garmin screen will power on, showing the **OPENING PAGE**.

Select the Outside Van logo to open the **HOME PAGE**.



OPENING PAGE



HOME PAGE



INVERTER

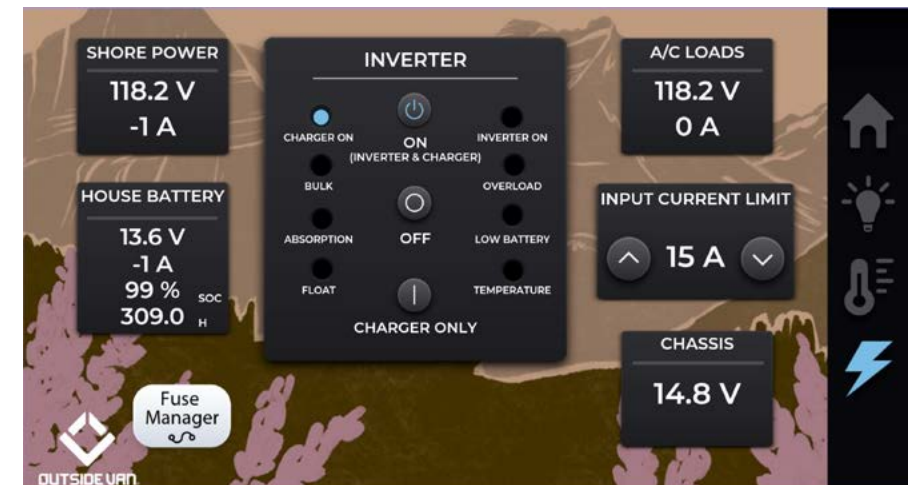
If the van is not connected to shore power, then it is necessary to turn on the inverter to power the 110V outlets and the microwave. On the Garmin Control Screen, navigate to either the HOME PAGE or the POWER PAGE to turn on the inverter.

GARMIN CONTROL SCREEN

The Power system, as well as many other systems in the Parks van, is controlled via the Garmin Control Screen. Tap the screen to “wake” the system, then tap the Outside Van logo to navigate to the HOME PAGE. The HOME PAGE has a simplified inverter section. This lists the house battery voltage and power flow, the state of charge, and the live time remaining. If the van is not plugged into shore power, press the  icon to turn on the inverter and supply power to the 110V outlets and the microwave.



POWER PAGE



The “SHORE POWER” section shows the voltage and amperage of the power connection to shore.

The “HOUSE BATTERY” section shows the voltage and amperage of the house battery, the state of charge, and the live time remaining. This “LIVE TIME” is the length of time, in hours, you have at current power consumption until the house batteries need to be charged. When in a state of

charging, the “LIVE TIME” is the amount of time until the house batteries reach a 100% state of charge.

The “INVERTER” section shows the status of the inverter and charger.

- “CHARGER ON” means the van is connected to shore power and is charging.
 - “BULK” is the first stage of charging a battery, the charger is supplying maximum current to quickly charge the battery to around 80% SOC.
 - “ABSORPTION” is the second stage of charging where the current is reduced as the battery approaches a full charge.
 - “FLOAT” is the last stage of charging that maintains a battery’s voltage at a steady level to keep it charged.
- “INVERTER ON” indicates that the inverter is on.
- “OVERLOAD” indicates that the nominal output of the inverter is being exceeded and the inverter will switch off. Power off or unplug any devices from the 110V outlets to reduce load and re-start the inverter.
- “LOW BATTERY” indicates that the battery power levels are getting low and you should begin charging as soon as possible.
- “TEMPERATURE” indicates that the temperature of the inverter is too high and will turn itself off. High temperatures will reduce the service life of the inverter, reduce charging current, and/or reduce peak capacity. After allowing the inverter to cool, restart but reduce power load on the inverter.

“A/C LOADS” displays the power consumption of the inverter. These come from the microwave, and the 110 V outlets. As you plug in and use more electricity the load goes up. Take care not to overload the system, if you draw too much power too quickly, the inverter will automatically power down to protect itself from damage.

You may need to adjust the “INPUT CURRENT LIMIT” depending on the amperage of the shore power connection. A higher amperage results in a faster charging time. The Parks van defaults to 15 Amps when accepting a charge.

NOTE: The charge current limit should NOT exceed 30 Amps.

FUSE MANAGER

In the event that current limits are exceeded on the 12V system, the “FUSE MANAGER” tab will display which circuits have been tripped. Unplug or power off any components from the 12V outlets.

Open the “FUSE MANAGER” tab. The tripped circuit will be listed here. Tap to reset the circuit.

CHECKING THE STATE OF CHARGE (SOC)

Navigate to the HOME PAGE on the Garmin Screen by selecting the House icon. The State of Charge and current loads on the inverter are listed in the top right corner of the screen. This information can also be found on the POWER PAGE.

CHARGING HOUSE BATTERY

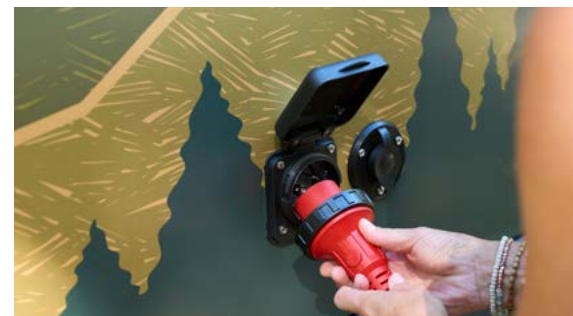
The house battery has three different methods to accept a charge:

- A shore power charging port
- A charging unit that siphons the excess power from the vans factory alternator
- Solar panel(s)

SHORE POWER

To charge the van's battery via shore power ensure that the battery system is powered on.

Locate an available external power source and identify the maximum current draw from that source. The inverter charger default is 15 amps. If the source amperage allows for a higher amperage, navigate to the POWER PAGE and adjust the input amperage, higher amperage will charge the battery faster. Connect the provided shore power cord to the power source and then connect the power cord to the vans external charging port, located on the external rear driver's side of the van. Once plugged in the inverter/charger will test the incoming power to make sure it meets requirements. If the requirements are met, the battery will then start charging automatically. When connected to shore power, the system will provide electric power to all vehicle systems that are drawing power and any excess power will be used to charge the battery.



ALTERNATOR CHARGING

Before driving the van, make sure the power system is powered on. Any excess power from the engine will be diverted to charge the house battery.

CAUTION: Do not power on the power system while the van engine is already running.

SOLAR CHARGING

The solar panel on the roof of the van will automatically charge the house battery when exposed to sunlight and the van is not running. The onboard dual charger system will prioritize the alternator charging over the solar charging, only one can happen at a time. The Parks van also has a supplemental SAE solar charging port on the passenger seat base. Connect any 12V Nominal solar panel that does NOT have a built in regulator to supplement the roof top solar panel and charge the house batteries.



OUTLET LOCATIONS

The Parks van has 6x - 110 V outlets (2x GFCI [ground fault circuit interrupter]), 5x USB/USB-C Outlets, and 2x 12V outlets available for your use.

- The main galley has two 110V outlets (1 GFCI) and two USB/USB-C outlets
- The front face of the passenger side dinette has a 110V outlet, a USB/USB-C, and a 12V outlet
- The passenger side bulkhead separating the living area and bathroom has a 110V outlet and a USB/USB-C outlet
- The bath galley has a 110V outlet (GFCI) and a USB/USB-C outlet
- The Driver's side media cabinet has a 110V outlet and a 12V outlet

The driver side overhead 110 VAC outlet is not GFCI protected.

All other 110 VAC outlets are connected to the GFCI outlets and are protected.

CIRCUIT BREAKERS

The AC power system uses circuit breakers to prevent damage to the system from overloading the circuits. If too much power is being drawn by a device plugged into the system, it will trip a breaker, and power will be cut to that outlet. A tripped circuit breaker can be reset by opening the panel on the inner face of the passenger side bench and resetting the circuit by flipping the breaker off and then back into the on position.



NOTE: these breakers will not visibly change when tripped. Reset manually to confirm power is reconnected.

Some additional fuses, along with the fuses for the chassis, are located in the Driver's side captain seat base. These include fuses for the Garmin control system. Pull the plastic panel off the seat base to see where the fuses are installed and for the spare fuses. Fuses with parentheses are optional systems that may not be standard to the Parks van you have.



There is an additional high-amperage circuit breaker located in the passenger side dinette on top of the battery system, under the rear seating panel. This can be tripped by abnormally heavy current draws on the AC and/or DC systems. Should the battery system shut down and other circuits are not tripped, power down and unplug electrical devices plugged into the vans power system. Manually reset the circuit breaker and follow the normal power on procedure.

Additional fuses are found in the passenger dinette under the middle seating panel. Should your Garmin system or any of your other systems not function as intended, verify that these fuses have not been blown.

NOTE: Your Garmin system can still power on when these fuses are blown, though all systems may not be functional.

GFCI (ground fault circuit interrupter) is a type of electrical outlet that will shut off power if it detects a ground fault, preventing a potential electrical shock. The van has two GFCI outlets located on the forward face of the passenger side bench and the kitchen (Driver side) galley.

NOTE: If a GFCI outlet was tripped, first reset the circuit on the outlet itself by pressing in the "Reset" button on the outlet. You will hear an audible click.

LOW POWER

The house battery system is equipped with a 10% reserve capacity. This means when the batteries reach an energy level of 10% of total capacity, they will automatically shut down to preserve internal functionality. It is recommended to charge the batteries back to full if they drop to this level. This can be over-ridden in an emergency situation but it is highly discouraged.

In the event that the battery has been drained to 0%, and the battery system is unresponsive, follow this procedure.

- Connect the van to shore power, verify the connection by the blue LED indicator on the shore power inlet, the system may not turn on or indicate a connection on the Garmin screen at this point.
- Start the van and idle the engine
- Press and hold the battery on/off switch for 5 seconds
 - If the system turns on, use the Garmin screen to confirm that the inverter is on and charging the battery system. Once confirmed, turn off the engine and leave the shore power connected until a 100% SOC is reached.

- If the system is unresponsive, the battery is in a "low cell voltage protection mode". Reference the Lithionics user guide and contact OSV or your Dealer.

TURNING OFF THE SYSTEM

SHORT TERM STORAGE

- Ensure all appliances are off. Turn the dial on the refrigerator to 0, this will cause condensation, a small towel is best to absorb condensation, and it is advised to keep the fridge door open to keep it from developing mold.
- Unplug anything from the outlets.
- Turn off all interior and exterior lights.
- With the power system on, connect to shore power and put the power system into "charge only" mode
- The battery on/off switch will be flashing to indicate the system is accepting a charge.

LONG TERM STORAGE

- Ensure all appliances are off (turn the dial on the refrigerator to 0, this will cause condensation, a small towel is best to absorb condensation, and it is advised to keep the fridge door open to keep it from developing mold.
- Unplug anything from the van outlets.
- Turn off all interior and exterior lights.
- Press and hold the battery on/off switch (in the overhead cabinet to the left of the Garmin screen) for 5 seconds. The light on the switch will turn off when the system is off.
- *NOTE: If the battery is turned off while shore power is connected, the Garmin system will remain on and you may experience issues.*



SECTION 3

HEATING & COOLING

PARKS

HEATING & COOLING OVERVIEW

Staying comfortable when out on an adventure is key. Whether that's staying cool in the summertime or staying warm in the winter, Parks has you covered.

The Parks van is equipped with two roof mounted vents, a roof mounted air conditioner, and a hydronic heating system that uses both electrical and diesel power to provide air heat to the cabin. These systems work together to provide comfortable cabin temperatures, manage humidity levels, and provide freeze protection to your systems. All heating and cooling functions are controlled on the Garmin Control screen on the CLIMATE PAGE. The screen also displays the interior and exterior temperature of your van.

Planning is essential when going on any trip and knowing the weather and temperature conditions where you'll be adventuring is part of that. If planning a trip to a cold weather environment, make sure your van is connected to shore power and the battery system is fully charged.

CLIMATE CONTROL

All the heating and cooling features of the Parks van are controlled via the CLIMATE PAGE of the Garmin Control Screen.



AIR CONDITIONER

The Parks van is equipped with a multi-purpose air conditioning unit. It not only cools, but can also function as a heat pump and a dehumidifier. The air conditioner can adjust the temperature in your van from 50 – 80 degrees.



NOTE: The air conditioner unit on the Parks van is run by AC electrical power. For maximum power efficiency it is recommended to run your air conditioner only when connected to shore power.

To power on the air conditioner, navigate to the CLIMATE PAGE on the Garmin Control Screen. The “AIR CONDITIONER” tab has a “MODE” button that cycles through the different modes, selecting it multiple times changes the mode and turns the system on and off.

- To activate the cooling function: Select the “ MODE” icon once. The tab will now display “COOL”. Adjust the temperature using the “-“ and “+” icons.
- To activate the dehumidifier function: Select the “ MODE” icon two times. The tab will now display “DRY”.
- To activate the heat pump function: Select the “ MODE” icon three times. The tab will now display “HEAT” Adjust the temperature using the “-“ and “+” icons.

The “SWING” mode automatically adjusts the front and rear vents of the air conditioner to circulate air.

NOTE: The vents will point downward and swing mode is disabled when in “HEAT” mode.

The fan speed can be adjusted with the “ MODE” icon.

- LOW – fan speed low
- HIGH – fan speed high
- AUTO – fan speed runs on high or low to maintain selected temperature.

VENTS

Vents are a great way to circulate fresh air within the Parks van when the outside temperatures are mild, extract humidity from the shower area, extract cooking odors and steam, or bring in fresh outside air.

Each vent has a magnetic insulated cover. This helps keep your van warm or cool when the vents are closed. The vent cover can be folded open half way, this will allow air circulation with the vent on while limiting the amount of light that enters the van.



NOTE: It is recommended to activate the bathroom vent to remove steam from the bathroom while using the shower. This helps prevent condensation or mold from growing over time.

NOTE: It is recommended by the vent manufacturer to drive with the vent fully closed or fully open.

To run the front or bathroom fans:

- Remove the magnetic vent cover.
- Navigate to the HOME PAGE or the CLIMATE PAGE on the Garmin Control screen.
- Select which fan you’d like to activate and tap the “OPEN” icon to open the vent cover.
- Select the “AIR OUT” or “AIR IN” option, depending on your preference.
- The fan will start at the “LOW” setting. Tap the “MODE” icon to change the speed from “LOW” to “MED” to “HIGH”.
- To turn off the fan, tap the “CLOSE” icon.

To circulate air within your van, set one vent to “AIR IN” and one to “AIR OUT”

FURNACE/HEAT

Parks vans have a hydronic heating system. This involves an isolated loop of glycol that is heated via a diesel furnace, which draws fuel from the chassis fuel tank, or an electrical element. To heat the air, a heat exchange is connected to a fan unit located inside the driver side bench. The system can be used to generate hot water (see *WATER & PLUMBING* section) as well as air heat, though it will work best if only using one function at a time. The diesel furnace will produce 17,000 BTU of heat, the electrical element will produce 5,000 BTU of heat, working together the system can produce 22,000 BTU. Using the electrical and diesel heating options in tandem will produce the best results.

NOTE: The furnace is positioned under the driver's side of the vehicle. The furnace burns diesel fuel from the van fuel tank and has it's own exhaust port. The exhaust coming out of the furnace is extremely hot and can cause injury to persons or damage to the environment. Always park your van such that the exhaust does not prevent a hazard to persons or the environment.

To activate the hydronic heater for air heat, use the following procedure:

- If using the electric heat source, connect the van to shore power.
- Navigate to the CLIMATE PAGE on the Garmin control screen.
- Select your heat source: Diesel, electric, or both.
- The default setting is "HOT WATER". Tap the "MODE" icon to select the desired fan speed. The speed increases in 20% increments.
- Set the system to your desired inside temperature with the "-" and "+" icons.
- For the quickest way to heat up the van, connect to shore power and use the diesel furnace for hydronic heat, while also using the air conditioner Heat pump function.

MAINTENANCE

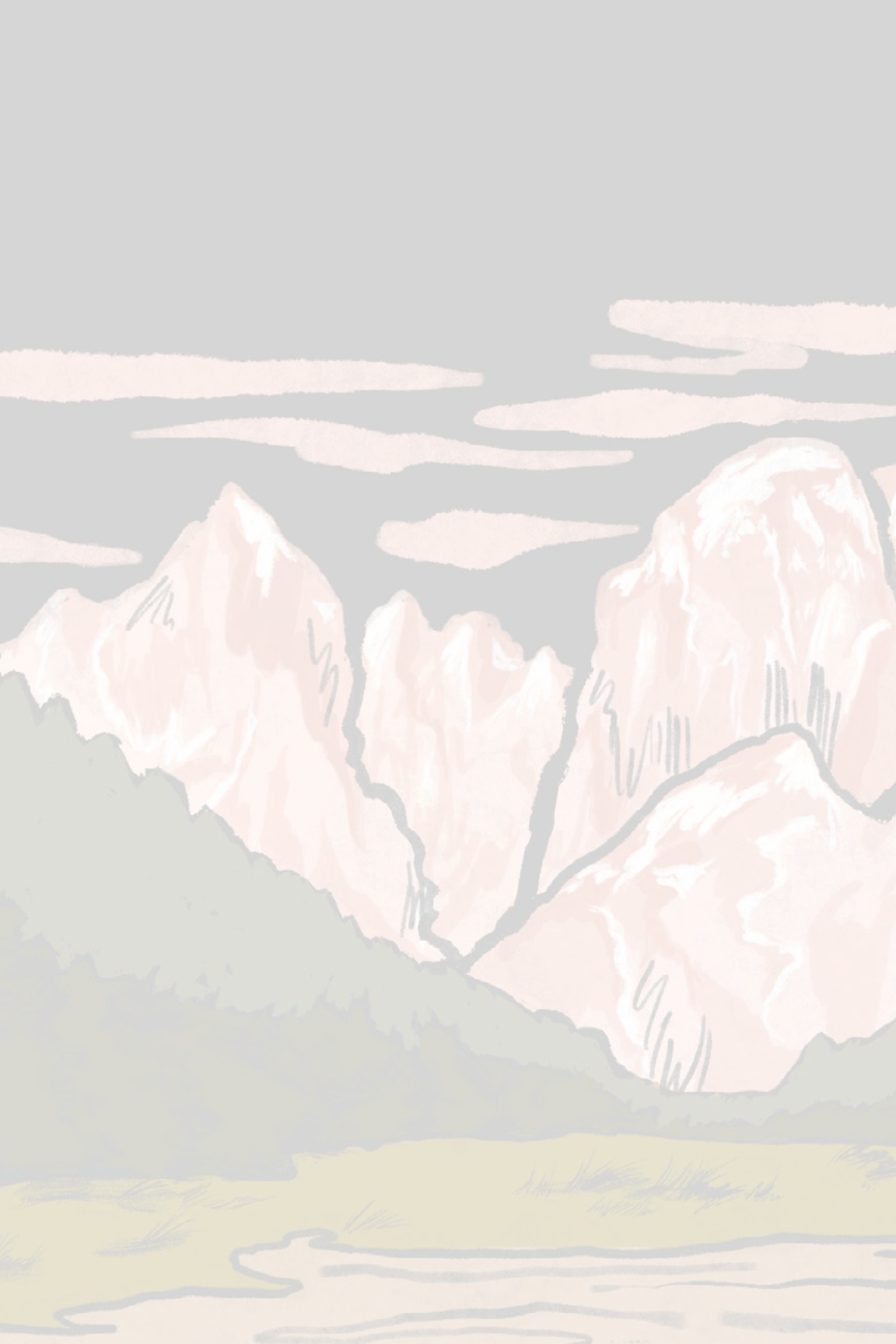
On occasion we advise you remove the screens from the vents and the air conditioner and clean them with a mild soap and warm water. Fully dry the vent screen before reinstalling.





SECTION 4

WATER & PLUMBING



PARKS

WATER & PLUMBING OVERVIEW

The Parks van has a 20-gallon fresh-water tank and a city water connection point. Giving you the freedom to roam remote areas and hook up to infinite water sources when at established campgrounds. The fresh-water tank uses an electric pump to supply fixtures with water. Parks is also equipped with a 22-gallon grey water tank, allowing you to properly dispose of waste-water in an approved sewer location. An exterior grey water sump pump helps to push the grey water from the outback washroom to the grey water tank. The Parks van has hot and cold water. There is a sink in the galley with a pull-down faucet, a small hand washing sink in the outback washroom, and an internal full shower. All drains have a waterless P-trap to prevent odors from the grey water tank from entering the van.

WATER CONTROL PANEL



The Garmin control screen on the driver side overhead cabinet displays the fresh-water tank level and grey water levels on the HOME PAGE.

The circular icons display the levels in blue, turning red if they reach a critically low level. Connecting to a city water line will give you limitless water supply. A city water connection WILL NOT fill the freshwater tank.

WATER LOCATIONS

Galley sink, Bath sink, Shower

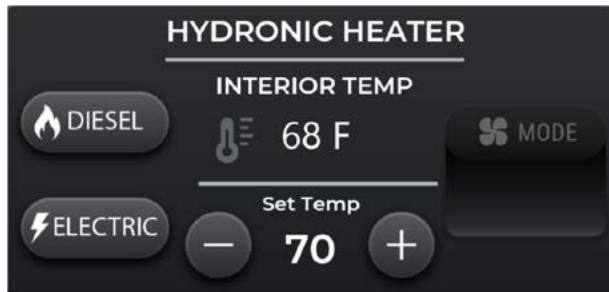
NOTE: When using the outback shower, always activate the rear rooftop vent on the “air out” on the CLIMATE PAGE Garmin Control Screen to remove steam and moisture from the van.

NOTE: The shower stall and shower curtain are mold resistant, however it is advised to fully dry the shower area after use to prevent mold growth.

HOT WATER

The Parks van has two ways to heat water from the freshwater tank and the city water connection; a diesel furnace mounted underneath the van or a 110v electric element within the system. Both systems heat a reservoir of glycol to a high temperature, that heat is then transferred to the water via a heat exchange. The ideal flow rate for peak performance on hot water is 0.8 Gallons per Minute (GPM).

To turn on the hot water function, navigate to the CLIMATE PAGE on the Garmin Control screen.



DIESEL

The diesel furnace uses fuel from the vans diesel tank to provide 17,000 BTU of heat. For most applications, the furnace option will be sufficient to provide continuous hot water. To use the diesel furnace option, navigate to the CLIMATE PAGE on the Garmin Control Screen and tap the “ DIESEL” button. This will initiate the furnace and activate a pump that circulates the glycol reservoir.

ELECTRICAL

The electric element can provide 5,000 BTU of heat, this alone is NOT enough to create continuous hot water but is a great way to warm the vans interior and provide enough hot water for washing dishes and washing hands. The electrical element can only be used when the van is connected to shore power. The battery system will not support electrical heating. To use the electric heating element, navigate to the CLIMATE PAGE on the Garmin Control Screen and tap the “ ELECTRIC” button.

PEAK PERFORMANCE

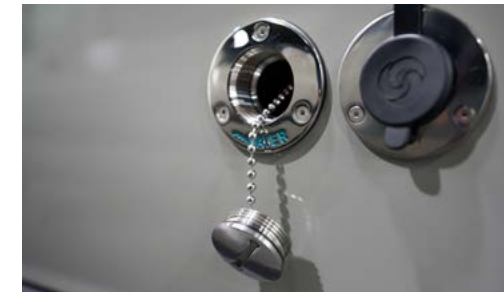
For the best hot water performance, both the diesel furnace and the electrical element can be used simultaneously. Select both the “ DIESEL”

button and the “ ELECTRIC” buttons. This will provide 22,000 BTU of heat to the heat exchange.

Once you have selected the heat source (diesel, electric, or both). Tap the “MODE” icon and select “HOT WATER” to begin warming the glycol reservoir. Allow about ten minutes for the glycol to reach operating temperature before use. At this point you will have hot water.

FRESH WATER TANK

The freshwater tank has a 20-gallon capacity and is filled by connecting a potable water source to the gravity fill port on the driver side rear of the wheel. Using a hose connected to potable water source, insert the hose into the gravity water fill port. The tank will overflow out the same port once full. Disconnect the supply hose and close the port.



CITY WATER CONNECTION

Connecting a hose to a potable water source and then the city water fill will bypass the freshwater tank, giving you limitless fresh water. A city water connection DOES NOT require the onboard water pump to be activated.

Attach the city water fill attachment to the city water hose. Insert city water fill attachment into the city water fill with the hose at about 2 o'clock and rotate clockwise to about 6 o'clock. This locks the hose in place and creates a seal.



NOTE: Ensure that the city water pressure is less than 90 PSI. A water pressure of 90 or higher can cause damage to the system.

PRIMING THE WATER LINES

After filling the freshwater tank or connecting to city water, you must prime the water lines.

- Verify that all drain valves (freshwater tank drain, low point drains, grey water tank drain) are closed.
- Verify that all faucets and fixtures are closed (galley sink, bath sink, shower).
- Power on the water pump on the Garmin screen. Tap the “WATER PUMP” slider to power on



- The pump can also be powered on from the bathroom area by the bathroom galley via the push button on the wall.
- If hot water is desired, also power on the hot water system using the diesel furnace, the electrical element, or both.
- On the main galley sink, turn the faucet handle to the COLD setting and open a small amount. The water will sputter as the air is purged from the plumbing lines. Once the sputtering stops, fully open the valve to completely purge the air. Once sputtering stops, close the valve.
- Repeat the previous step, turning the faucet handle to the HOT setting.
- Repeat the previous two steps with the outback washroom galley and the shower. Prime the toilet water lines by pressing and holding the flush button until the line stops sputtering.
 - *NOTE: When priming the shower, turn the shower head to face the forward inner corner of the shower wall to prevent the water from spraying the van interior.*
- Once the water lines are primed, the water system is ready to use! Make sure to keep an eye on the available capacity when using the freshwater tank.

GREY WATER

The Parks van has a 22-gallon grey water tank to collect all wastewater. The tank is sized to hold the full capacity of the freshwater tank. Always monitor the level of the grey water when water is being used in the van. If the grey water tank is overfilled, excess water will flow out of the Driver's side grey water vent and onto the ground, a potential health and/or environmental hazard. The main galley will drain into the grey tank directly. The outback washroom sink and shower grey water is pumped forward in the van via a sump pump. Prior to using the outback washroom, activate

the grey water pump on the Garmin Control Screen. Tap the “GREY WATER” slider to turn on the pump. Once activated, the sump pump has a float that will automatically turn on when it detects water. This pump can also be activated from the bathroom area via the push button on the wall.

NOTE: Remember to turn the grey water pump off before driving the van.



DRAINING THE GREY TANK

To drain the grey water tank, use the following procedure:

1. Remove the cap from the grey water tank outlet
2. Connect a 3” sewer hose (not provided) to the outlet
3. Place the unconnected end of the sewer hose in an approved grey water dumping location.

NOTE: make sure that the hose has no low spots for water to pool. The drain should be the lowest part of the hose.

4. Open the blade valve on the grey water tank and allow the tank to drain.



5. Once empty, flush the grey water tank with clean water to remove any remaining detritus. This step is essential when preparing the van for short or long term storage.
6. Close the valve, remove the hose, (allow the hose to dry out before coiling and storing) and replace the tank cap.

TOILET

The Parks van comes with a flushable cassette style toilet. Please reference the manual for emptying, maintenance, and cleaning recommendations.

- The toilet has a water flush function that pulls water from the freshwater tank, or a city water connection if available. If using the freshwater tank, first ensure the water pump is powered on.
- *NOTE: keep an eye on the tank capacity on the side of the unit. The indicator is green when empty and will turn to the red as it fills.*
- The toilet cassette is accessed via the passenger side rear door, through a port in the toilet cabinetry box.



WINTERIZING

Water expands when frozen which can burst pipes, fittings, and crack tanks. To prevent damage to the Parks van that would be outside of warranty coverage, the van must be “winterized” or kept above freezing prior to being exposed to at or below freezing temperatures. Winterizing the van purges the water from the water system. This process will completely empty the water system so be sure to perform this procedure outdoors or in a facility with drainage.

To winterize the water system, use the following procedure.

1. Empty and flush out grey water tank. See the grey water tank section of this guide.
2. Locate the necessary components:
 - the city water fill attachment
 - an airline fitting for the city water
 - an air pressure regulator
 - an air compressor capable of supplying at 30 PSI



3. Connect the city water fill attachment to the air-line fitting. Screw together until snug
4. Connect the airline fitting to the regulator via the quick fit connection



5. Connect this assembly to the CITY WATER fill on the side of the van



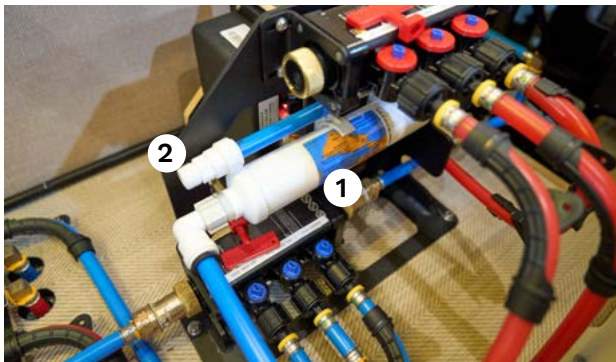
6. CLOSE the valve on the city water fill attachment.
7. Attach an airline to the regulator and adjust the air pressure to 30 PSI. Keep the valve on the city water fill attachment CLOSED
8. Inside the van, open the driver's side bench to access the water system.
 - Remove the middle seat + flip over panel. The seat panel is held in with metal ball catches. Only a small amount of upward force is required to dislodge them.



9. Locate the “TANK DRAIN” valve and open it. An open valve is in line with the pipe that it is on. Allow the tank to drain completely and close the drain valve.



10. On the Garmin Control Screen, turn on the water pump. The pump will remove a majority of the water from the lines prior to using compressed air.
11. On the main galley, open the cold-water side of the faucet and let it run until no more water comes out, then switch to the hot water side of the faucet and run until dry. Close the faucet.
12. Repeat step 10 on the bath galley.
13. Repeat step 10 on the shower line.
14. Press and hold the “flush” button on the toilet for around 5-10 seconds.
15. Remove the charcoal filter (1) from the main galley. Replace with the filter bypass tube (2).



16. Verify that the airline connected to the city water fill is at 30 PSI, then open the valve to pressurize the waterlines.
17. Repeat steps 11-14.
18. Open the low point drain lines in the passenger bench. Let drain and then close valves.
19. Close the city water fill attachment valve and remove from van.
20. Remove and dry particulate filter from water pump.



21. Empty and clean the toilet waste tank according to manufacturer specifications.

For a step-by-step video walkthrough of the winterization process, please visit outsidevan.com/owner-resources-parks/

MAINTENANCE

To keep the Parks water system running smoothly and prevent bacterial build up it is necessary to do some minor maintenance and cleaning from time to time.

The freshwater pump has a screen. This prevents the motor of the pump from being damaged by particulates. After the first few cycles of filling and emptying the freshwater tank, the filter should be cleaned. To remove the filter, ensure that the pump is off and the freshwater tank is empty. Remove the filter and rinse with clean water. Then replace. This should be performed yearly after the first cleaning.

The freshwater system should be sanitized on occasion. After the first use, after a contamination event, or after storage. This will flush any bacteria or mold out of the system.

When sanitizing the water system follow this procedure:

1. Partially fill the freshwater tank with clean water, about 10 gallons or halfway full.
2. In a separate clean container, mix a diluted bleach solution. Approximately 4 gallons of fresh water to 1/3 cup of bleach.
3. Introduce the solution to the water tank via a hose with a funnel into the gravity freshwater fill or using a siphon pump.
4. Pour or siphon an additional 5-6 gallons of clean water into the water tank to clear the bleach solution from the filling lines. The freshwater tank should be completely full.
5. On the Garmin Control Screen, turn on the water pump.
6. On the main galley, open the cold-water side of the faucet and let it run until you can smell the bleach, then switch to the hot water side of the faucet and run until you smell the bleach. Close the faucet.
7. Repeat step 6 for the bath galley and the shower.
8. Press and hold the flush button on the toilet for 5-10 seconds until you can smell bleach.
9. Re-fill the freshwater tank and allow the system to sit for 4-6 hours.
10. Re-start the water pump and run the sinks and shower to flush the grey water tank. Empty grey water tank into an approved grey water dumping location.
11. Re-fill and drain the freshwater tank via the drain tank valve the water tank a few times to remove all the bleach solution.
12. Re-fill the tank and repeat steps 5-8 until no more bleach smell comes out of the faucets.
13. The tank and lines have now been sanitized.



A photograph of the interior of a modern RV. A man and a woman are sitting on a bed, watching a television mounted on the wall. The man is eating from a bowl. The RV has white overhead cabinets, a ceiling-mounted air conditioner, and a large window with a black frame. The bed has a white sheet and a colorful patterned blanket. The overall atmosphere is cozy and modern.

SECTION 5

INTERIOR

INTERIOR OVERVIEW

The Parks van seats and sleeps two people. The dinette benches offer an interior space to relax, eat, or socialize. The benches have hinged panels that can be deployed to form a queen-sized bed for sleeping. A full galley offers hot and cold water, plenty of storage, and an electric induction cooktop for all your culinary adventures. Interior lights are located throughout the cabin for general lighting, reading, loading light, and accent lighting. Appliances are provided for storage and preparation of food and drinks. The rear of the van is a full bathroom with a full shower, small handwashing sink, and a flushable cassette style toilet.

The Interior section covers the seating, bed, interior lighting, and appliances.

CAPTAIN'S SEATS

The passenger captain chair can be rotated 50 degrees clockwise towards the passenger door and 180 degrees counterclockwise to face the rear of the van.

The driver captain chair can be rotated 50 degrees counterclockwise towards the driver door, and 120 degrees clockwise to face out the passenger slider door. Full rotation is unavailable due to the galley position.

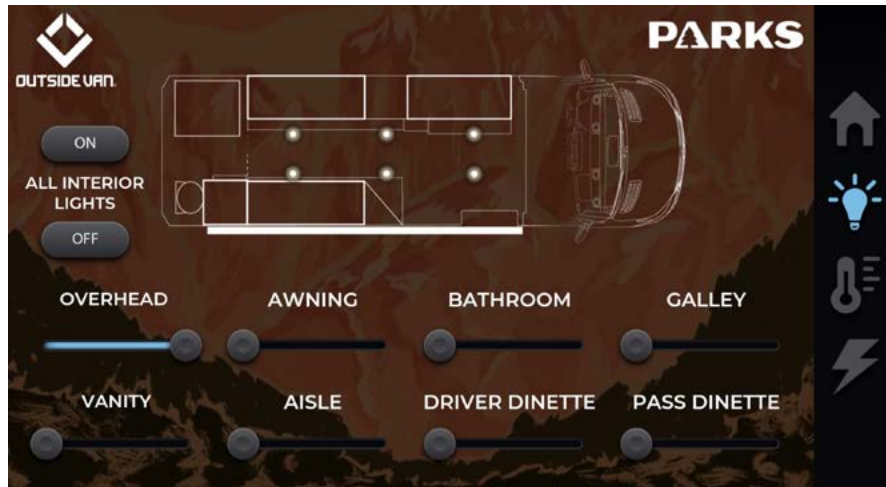
1. Prior to rotating a front row seat, follow these precautions: Ensure the parking brake is applied and the brake lever is down as far as it will go.
2. Open the respective front door to avoid collision with the door trim.
3. Adjust the steering wheel to allow for sufficient clearance to rotate or adjust the driver's seat.
4. Slide the front passenger seat forward before rotating it.
5. Push the lever at the front of the seat base towards the door and rotate the seat slightly inwards. This will unlock the turning device.
6. Release the lever.
7. Rotate the seat to the desired position (50-degree rotation towards the exit or 180 degrees to face the cabin).

Refer to the vehicle manufacturer's manual for more information.

Risk of injury or fatal injuries if the passenger seats are not in their fully upright positions with restraints properly in use while the vehicle is in motion.

LIGHTING

Interior lights in the Parks van are controlled by both the Garmin Control Screen and a series of physical buttons.



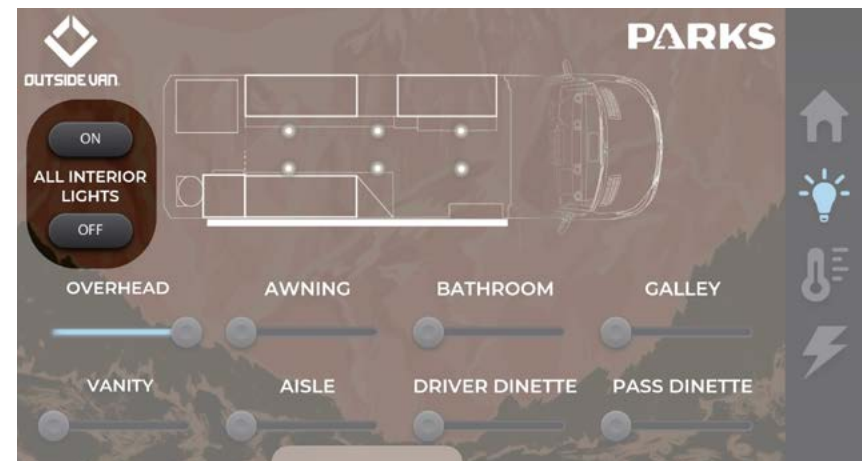
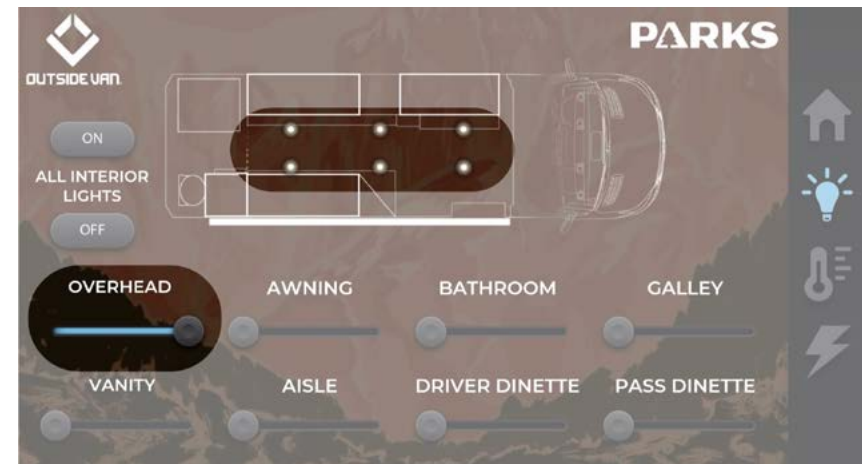
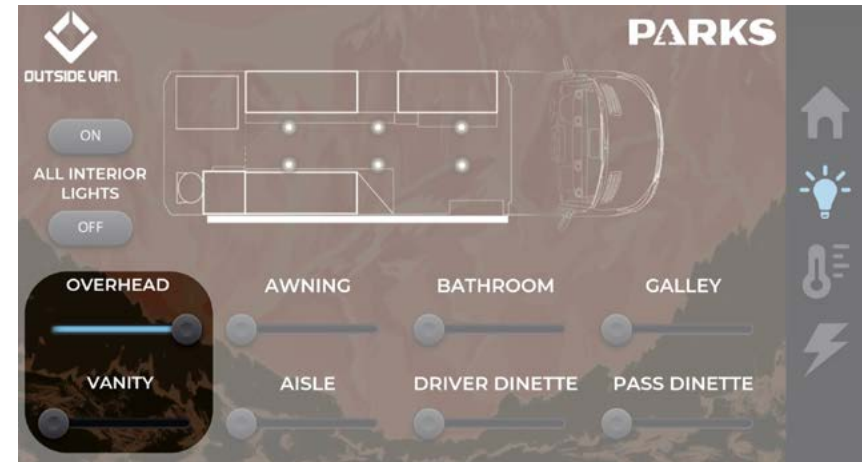
The Garmin Control screen allows you to power on all the interior lights from either the HOME PAGE or the lighting page. Simply navigate to one of these screens and tap “ON” next to “ALL INTERIOR LIGHTS”.

NOTE: The awning light is not included in the “ALL INTERIOR LIGHTS” feature.

NOTE: The shower light is part of the “BATHROOM” light group.

All interior lights have built in dimmer modules. The Garmin Control Screen lighting page controls the light levels via a slider under each lighting area. As you slide the light into the on position, it will illuminate on the van diagram. You can also turn the lights to fully on by tapping the text i.e. “OVERHEAD” or “GALLEY”

The physical button light switches are dimmed by pressing and holding the button until the desired level of light is reached. These switches do not hold a “memory” so turning the light off and back on with a physical switch will bring the illumination level back to 100%.



WINDOWS

The two forward windows in the cabin (slider door window and opposite slider door window) are both T-vent windows. The bottom quarter of the window can tilt out to provide airflow to keep the van cool and ventilated. Opening both windows will provide a small cross breeze. The T-Vent glass is operated with a crank mechanism that opens the vent up to 45 degrees, providing excellent airflow while reducing noise. When closed, the vent compresses on a rubber seal to ensure a tight, secure closure. The fiber-glass mesh screen, attached to a powder-coated aluminum frame, clips easily into place for simple removal and cleaning

CURTAINS

The windows in the living area of the van all come equipped with magnetic window curtains. These provide privacy and a degree of temperature regulation. To install the curtain, position the curtain with the Outside Van label towards the top. The curtain fits snugly within the window frame. Allow the magnets to snap to position and “roll” the rest of the curtain down, allowing the magnets to hold the curtain in place, until the window is fully covered. To remove the curtain, just reverse the process.

The ceiling vents also have magnetic covers. The covers can be folded back to be in a half-open position. This allows for air flow while limiting the amount of light that comes in.

SETTING UP THE BED

To transition the Parks van dinettes into the bed. Follow these steps:

1. Store the Lagun table in its storage brackets on the forward face of the galley.
2. Remove the cushions (backrest and seat) from the driver’s side bench and place them on top of the passenger side bench.
3. Starting from the rear, grasp the outside edge of the rear most flip over panel and pull it up and towards the center of the van.
4. Step forward, out of the way of the panel, and gently set it on the lip of the passenger side bench.
5. Repeat this step for the middle and forward flip over panels.
6. Arrange the cushions to cover the bed.
7. Add your favorite sheets, blankets, and pillows. Sleep tight!



LAGUN TABLE

The Parks vans come equipped with a small versatile table. The table is stored on the forward face of the galley and is attached to the passenger or driver dinette via a pre-installed mounting plate. The adjustable column and arm allow you to position the table at height and angle that is most comfortable to you.

To install the table on one of its mounts, use the following procedure:

1. Remove the table from storage by sliding it towards the center of the van, out of its storage brackets.
2. Install the column pin top into the swing arm. Tighten the handle to secure the two together.
3. Slide the column onto your desired mounting plate. The mount has a dove-tail style center protrusion that corresponds with a groove on the column.
4. Tighten the handle on the column to set the table at your desired height.
5. Adjust the table to your desired angle, the arm is meant to be adjustable and does not lock.

NOTE: This table system is designed to support no more than 15 pounds. Using the table to support more weight than 15 pounds can result in damage to the table or the van.

NOTE: The van should not be driven with the table mounted to the dinettes. Always store the table back on the galley brackets prior to driving.



PHONE CHARGER

The Parks van comes with a built-in induction phone charger. It is located in the cupholder area of the driver's side dinette. Most modern cell phones have induction charging capabilities. To charge your phone, simply set it on the charger pad with the screen facing up. Roughly center the phone on the charging pad and your phone will indicate if it is taking a charge. The charger is connected to DC power so no need to power on the inverter.

NOTE: the charger also works on many wireless headphones. Try it out!



SAFE

The Parks van has a small, lockable, safe installed in the passenger captain chair seat base. The low-profile look make it ideal for locking away valuables when you're away from the van. The safe has internal dimensions of 11 3/4" x 10" x 5". Each lock has two keys provided. Should you lose the key, the lock has a five-digit code stamped on the exterior face. The lock is made by Tuffy Security Products and you can order a replacement key with the corresponding five digit code.

NOTE: By using this safe you acknowledge and agree that Outside Van is not liable for any loss, damage, or injury to your property or person arising from the use, malfunction, or security of this safe, whether caused by negligence or otherwise. You assume full responsibility for securing your valuables within this safe and understand that no guarantee is made regarding its absolute security.

APPLIANCES

FRIDGE

 **CAUTION:** Ensure that the refrigerator door is CLOSED AND LATCHED before driving. If the latch is not engaged, a hard braking scenario can cause the door to open and damage the face of the refrigerator door.

 **WARNING:** The refrigerator is equipped with a closed cooling system, which does not require maintenance or refrigerant refills. This unit contains fluorinated greenhouse gas R134a within a hermetically sealed system whose operation depends on the presence of said gas. Contact a qualified certified technician for handling fluorinated gases in the event of damage to the refrigerant circuit.

 **WARNING:** The only purpose and function of the product when used as a freezer is to maintain already frozen food completely frozen. The refrigerator will not freeze non-frozen or partially frozen food products. If a non-frozen or partially frozen food product is stored in the freezer, this is considered improper use and can cause possible unintended thawing of food which may lead to problems related to safety, illness or injury if consumed. The preservation of non-frozen or partially frozen food in the freezer can also affect the quality of other frozen food products stored in the freezer. Exposure to temperatures above the temperature of the climatic class range for which the freezer was built, power supply interruptions and/or frequent opening of the freezer can influence the effectiveness of the refrigerator and the quality of the contents of the freezer. The user should always check food quality before ingesting.

 **CAUTION:** The freezer door hinge can be damaged if the freezer door is not properly and fully closed. Ensure that no items in the freezer prevent a full seal of the freezer door before shutting the main door.

The refrigerator door is marine quality and requires shutting until the latch fully clicks into to place. The latch attach point can slide to the right, placing the door in ventilation mode; in this mode the door will remain slightly open when the latch is fully engaged. This allows for ventilating the refrigerator for defrost or storage while keeping the door securely in place. Slide the latch attach point back to the left to resume normal shutting operation.

The freezer door has a “stay in place” design that allows it to remain fully open while adding or removing items. The freezer compartment features a magnetic seal to minimize frost issues. Always ensure that there are no

items preventing the freezer door from fully shutting and making a tight seal, including the ice tray.

For proper operation of the refrigerator/freezer, follow these precautions:

- If possible, the refrigerator should be turned on about 6 hours prior to inserting food items.
- Frequent opening of the refrigerator door will result in greater power consumption.
- Keep the inside of the refrigerator clean and dry. This can be done using a soft brush and a vacuum cleaner. It can also be cleaned by washing it with warm water and mild soap and by drying any water/condensation that may be encountered. Remove the condensation water from the drip tray beneath the refrigerator's freezer compartment where present.
- To keep the surface of the door in good condition and intact, make sure that it is always clean and dry.
- The unit has been designed with product lock protection in the event of low battery voltage. In the event of a compressor block, follow the instructions in the manufacturer's manual and/ or contact a qualified certified technician.
- The evaporator operates at temperatures well below freezing, and ice and frost will inevitably form on it. Temperature, humidity and frequency of door opening will significantly impact frost formation. The refrigerator should always be defrosted when the layer of frost on the evaporator reaches a thickness of 3-4 mm or more.

To defrost the refrigerator, perform the following:

- Turn off the refrigerator by turning the thermostat to its 0 position.
- Defrosting should be performed when the products can remain as cool as possible outside of the refrigerator itself. Do not use sharp objects to remove ice and frost from the evaporator, as this could damage it and result in leaks.
- Only turn the refrigerator back on once it has been defrosted, cleaned and thoroughly dried. Remove, empty and dry the drip tray beneath the evaporator. A towel can be placed at the base of the refrigerator during the defrosting procedure absorb any additional condensation.

To replace the LED light bulb, slide the lighting unit's glass down using the appropriate lever. Replace the light bulb with an original manufacturer's replacement part and return the lighting unit to its original state.

Refer to the Indel Webasto Marine YouTube channel for more information and tutorials.

MICROWAVE

A microwave is installed in the upper cabinetry for heating foods and beverages in microwave-safe containers.

To ensure safe operation and to reduce the risk of fire in the microwave, follow these precautions:

- Do not overcook food. Carefully attend appliance when paper, plastic or other combustible materials are placed inside the oven while cooking.
- Remove wire twist-ties and metal handles from paper or plastic containers before placing them in the oven.
- If materials inside the oven ignite, keep the oven door closed, turn the oven off and disconnect the power cord, or shut off power at the fuse or circuit breaker panel. Turning off the inverter and disconnecting from shore power will disconnect the microwave.
- Do not store any materials in the oven when not in use. Do not leave paper products, cooking utensils, or food in the cavity when not in use. All racks should be removed from oven when not in use.
- Do not operate without food in the oven.

INDUCTION COOKTOP

 **WARNING:** To protect against electric shock, do not immerse cord plugs or cooktop in water (or other liquid substances).

WARNING: When using any electric appliance used around children, close supervision is strongly suggested. To prevent accidents and achieve optimal fan ventilation, allow for sufficient space around the cooking area. Make sure that cooktop is placed on a level and stable surface. Do not use the cooktop while in the storage drawer.

The induction cooktop is an 1800W glass ceramic heat source for heating food or liquids in approved cookware. For proper heating, the cooktop requires the use of ferrous (magnetic) pots and pans. Check the cookware packaging for the induction symbol or test the surface of the cookware using a magnet. Optimal cookware is round, flat-bottomed, with a diameter of 4.5 to 10 inches.

 **CAUTION:** Heat-resistant glass, ceramic, copper, aluminum pans/pots, round bottomed cookware, or cookware with a base less than 4.5 inches are not compatible with the cooktop.

To use the cooktop, perform the following:

- Remove the cooktop from its storage location in the top right drawer of the galley and plug the power plug into a standard outlet.

- The Power button will light up and the unit will sound to indicate on.
- The device will remain in standby mode, awaiting user direction.
- Place ferromagnetic cookware (with water, oil or food already inside) on the center of the glass-ceramic top center.
- Now press the Power button on the control panel, this will turn the cooktop on. The power display will blink and sound another indicator.
- Press the Heat function key once. The pre-set power level “5” is the default selection as the device turns on.
- Using the +/- keys you can change the settings at any time, ranging from 1-10.
- Adjust the temperature setting as desired: Using the +/- keys you can change the temperature settings at any time. Settings range from 150-450 degrees Fahrenheit. (Exact temperatures: 150, 180, 210, 240, 270, 300, 330, 360, 390, 420 and 450° F).
- After selecting the HEAT or TEMP mode, press the TIMER button once. The display will show the number “0.” Using the +/- keys you can select the operating time in 1-minute intervals (up to a max of 150 min).
- The display will count down the duration in minutes. Once the time is up, the unit sounds and automatically goes into standby mode. To continue cooking, press the Power button and Heat button to restart.
- During the timer operation, you can change the timer duration at any time with the arrow keys. The device’s built-in memory maintains the HEAT or TEMP setting previously entered.
- You can also change the HEAT or TEMP settings without affecting the current timer setting.
 - When you are finished cooking, simply press the Power button to turn off the machine.
 - Upon completion of cooking, the fan may remain on until the unit is cool.
 - Once the unit has completely cooled, it may be cleaned and/or stored in its storage location.

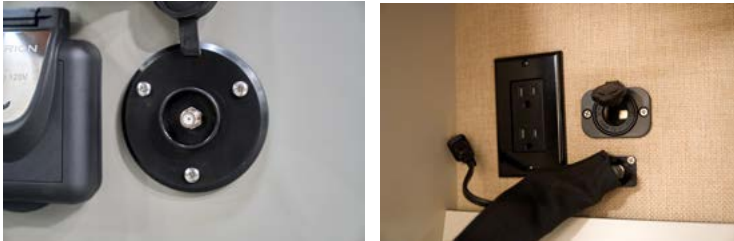
For proper cleaning and safety, follow these precautions:

- Always allow the unit to completely cool prior to cleaning, moving or touching the cooking surface.
- Before cleaning always switch OFF the device and wait for it to be completely cool. Clean the unit after each use to remove food residues.
- Wipe off the glass-ceramic plate and the plastic surface with a slightly damp cloth (microfiber works best). Dishwashing soap may be used when necessary.
- Make sure that no water seeps into the device. Never use abrasive cleaners (i.e. metal pads) or oil-based liquids. Never run the cooktop under water.
- A vacuum cleaner attachment may be used to suck up dirt from the air intake and exhaust vent.

The cooktop has a built-in safety shut off that will turn the unit off after 150 minutes of continuous use. This occurs for both the HEAT and TEMP settings. The panel will display “H” if the cooking zone is hot. If further use of the cooktop is required, the unit can be turned back on and set to the desired settings again.

TV

The Parks van comes equipped with an LED Smart TV for your entertainment purposes. The TV is mounted to an adjustable arm on the driver’s side bulkhead wall. The TV has multiple options for connecting external media sources (USB, HDMI, VGA) and a pre-connected CO-AX connection. The CO-AX Cable option allows you to watch cable television by hooking up a terrestrial CO-AX to the van cable connection on the exterior of the van, next to the shore power plug. To connect any other media source, position the device in the media cabinet and connect the power to the available 110V or 12V outlets and feed the Audio-visual connection through the port in the base of the cabinet.



MAINTENANCE / CLEANING

The Parks van is manufactured with high-quality, heavy-duty materials. When cleaning, use your best judgement. Most surfaces and fabrics can be cleaned using a mild soap or detergent, warm water, and a non-abrasive cloth. Oil based stains in fabrics may require a small amount of a commercial cleaning agent.



SECTION 6

EXTERIOR



OUTSIDE VAN.



PARKS

AWNING

The Parks van has a roof mounted retractable awning for your comfort. Relax in the shade and out of the rain outside of your van. The awning is attached to the passenger side of the van and completely covers the slider door opening.

As a safety feature to prevent accidents and any damage to the van, the awning motors EXTEND function is disabled when the vans ignition is on. This prevents awning operation while the vehicle is moving. The awning CAN be retracted when the ignition is on.

Park your van in a clear and unobstructed area. Position the van such that the awning will not contact trees or other obstructions. The awning is at a height of 9.5 feet and angles down slightly and extends 9 feet.



The awning extends and retracts via an electric motor. To extend, navigate to the HOME PAGE of the Garmin Control Screen. Locate the Awning feature and press and hold the “EXTEND” or the “RETRACT” icon. The awning can be partially extended if there are obstructions.

The awning has built in LED lighting on its outward edge. To activate the awning light, navigate to the HOME PAGE on the Garmin Control Screen and select the “Awning Light” switch.

Before driving, verify that the awning is fully retracted. Driving with the awning extended can cause damage to the awning, van, and others.

In the event of high winds, it is advised to retract the awning to prevent damage to the awning or the van.

WHEELS AND TIRES

The Parks van comes equipped with 17" Aluminum Wheels and 255/70/17 BF Goodrich K02 tires. These are a different size from the original chassis tires. A label on the threshold of the Driver Side door lists information regarding the proper tire pressure.

The wheel lug nuts are the same as the factory OEM wheels and should be tightened to a specification of 120 ft-lbs. The lug nuts should be checked and torqued on occasion and anytime the wheels are reinstalled.

CLEANING

The exterior of the Parks van, like any road vehicle, will need to be cleaned from time to time. Follow these tips to keep your van looking crisp and impressive on your adventures

Avoid parking underneath trees or plant life. Sap, animal waste, and insects can damage your finish and should be removed as soon as you can with warm water and a mild soap.

Diesel, antifreeze, and other fluids used in vehicle maintenance and operation can damage the finish. They should be wiped off and cleaned immediately.

Commercial car washes are NOT ADVISED. The Parks van may not fit, high pressure water and the automatic spinning brushes can cause damage to seals, paint, or vinyl. Wash the Parks van with warm water and mild soaps or detergents. Treat the vinyl like any other painted surface. DO NOT use high pressure water near seals, decals, or vinyl as the pressure can cause delamination or damage the seals. DO NOT direct high pressure water towards intakes or electrical outlets.

Driving off-road on gravel or non-paved roadways can throw up debris which can chip paint or glass. Take caution when following another vehicle on these roadways and give some space to prevent damage.

Driving the van, even on paved roadways, can introduce a lot of dirt and debris to the van undercarriage. This grime can trap moisture or, in colder climates, road salts which can corrode the vehicle chassis. It is advised to spray the undercarriage of your van with low pressure clean water to remove any debris and dirt, paying special attention to any catches or cavities that build up grime.

REMOTE CONNECTION

The Parks van does not come with a pre-installed method for connecting to the internet when on the go, however Outside Van has outfitted the van with some features to make connection go smoothly.

The Connectivity Cabinet on the driver's side of the van contains two different power outlets; a 110V AC outlet and a 12V DC outlet. These can power a modem and/or an external antenna. The antenna connection wire can pass through a pre-installed roof pass through port.



MAINTENANCE

Consult the Van Chassis owner's manual to see what maintenance needs to be performed on a regular basis.

ADDENDUM





PARKS

ADDENDUM: PARKS RANGER

The Parks Ranger Edition has a few extra bells and whistles not included in the standard Parks build. These include an extra house battery, to give you more freedom and range between charges, powered retractable side steps, an onboard air compressor for pumping up tires, cleaning, or operating air tools, a bumper mounted fog light to provide extra illumination for those dark forest roads, and a spare tire carrier and ladder mounted to the rear driver's side door.

BATTERY

The extra house battery effectively doubles the amount of onboard power for the Parks Ranger. The battery is housed in the passenger dinette which has been extended on Parks Ranger Vans. The cubby is now accessed from the top of the dinette.



Turn on the power system by pressing both “BATTERY ON/OFF” switches in the overhead cabinet to the left of the Garmin Control Screen. Only powering on one of the switches will result in an error message on the Garmin Control Screen. The “POWER PAGE” will display two different currents that correspond to the two batteries. All the system functionalities are the same as the standard Parks power system.



SIDE STEPS

The Parks Ranger has retractable side steps installed on the driver and passenger doors, as well as the slider door. The steps will automatically extend when the door is opened to assist entering and exiting the vehicle. The steps will automatically retract when the door is closed with a 2 second delay.

Automatic stop: If an object is in the way of the moving steps, the steps will automatically stop. To reset, clear any obstruction, then simply open and close the door to resume normal operation.

The steps can be manually set in the extended position by keeping a foot on the step while closing the door. Open and close the door to resume normal operation.

An override switch is installed on the passenger side, just inside the slider door opening. The switch has three positions

UP: Steps will retract and remain in the stored position

MID (neutral): Steps are automatically extended and retracted when doors are opened or closed.

DOWN: Steps are extended and will remain in the extended position.



NOTE: The steps will return to automatic operation in the next door cycle after 30 minutes.

NOTE: Debris such as mud, dirt, gravel, and road salt can become trapped in the running board mechanism. This may result in unwanted noise. To

clean off any debris or road grime from the steps set them in the extended position using the switch inside the slider door opening (in the down position). Then use moderate water pressure to spray off the front and rear hinge arms. Avoid spraying the electrical motors directly. After cleaning and allowing the arms to dry, apply a silicone spray lubricant to the hinge pivot pins. Do not apply silicone, wax, or protectants like Armor All to the step surfaces. This will negatively affect traction.

AIR COMPRESSOR

The Parks Ranger has an onboard air compressor that is mounted inside the engine bay. The air compressor runs on 12V power and is connected to the chassis battery. The air compressor has an ignition trigger, meaning it will only power on when the van engine is running.



1. Inside the engine bay
2. Just inside the slider door
3. On the rear bumper



When done with the air compressor, power off the compressor by pressing the “AIR” switch on the dash once more.

FOG LIGHTS

The Parks Ranger has two Rigid 6” lights mounted in the bumper. The lights are powered by the chassis battery. To turn them on, press the “FOG” switch on the plate next to the steering wheel. The lights are wired such that they will only power on when the van engine is running. This is to prevent the chassis battery from being drained. The lights can also be powered on from the Garmin Control screen, however the option will be “greyed out” and inaccessible when the ignition is off.

SPARE TIRE CARRIER AND LADDER

The Parks Ranger van has a hinge mounted, drivers’ side rear door spare tire carrier. The carrier holds one full sized spare, one of the most important pieces of gear you can have when going off-road. Mounting it to the rear door makes it much easier to access than an under van mounted spare. The tire sits on the bent tube frame and has a threaded rod that goes through the center of the wheel. Tire holder spins on to hold the wheel in place. The rod has a dedicated hole for a pad lock to prevent the theft of your tire. The ladder has mounting options for more accessories and gives you access to your roof.





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