

PLEASURE-WAY

PLATEAU XL OWNER MANUAL



LITHIUM BATTERIES
2000 WATT INVERTER



WARNING

IT IS NOT SAFE TO USE COOKING APPLIANCES FOR COMFORT HEATING.

Cooking appliances need fresh air for safe operation.

Before Operation:

Open overhead vent or turn on exhaust fan.

Open Window.

FAILURE TO COMPLY COULD RESULT IN DEATH OR SERIOUS INJURY.

Unlike homes, the amount of oxygen supply is limited due to the size of the recreational vehicle, and proper ventilation when using the cooking appliances(s) avoids dangers of asphyxiation. It is especially important that cooking appliances not be used for comfort heating, as the danger of asphyxiation is greater when the appliance is used for long periods of time.



WARNING

DO NOT FILL CONTAINER (S) TO MORE THAN 80 PERCENT OF CAPACITY. FAILURE TO COMPLY COULD RESULT IN DEATH OR SERIOUS INJURY.

Overfilling the propane container can result in uncontrolled propane flow, which can cause fire or explosion. A properly filled container contains approximately 80 percent of its volume as liquid propane.



DANGER

IF YOU SMELL PROPANE:

Extinguish any open flames, pilot lights and smoking materials.

Do not touch electrical switches.

Shut off the propane supply at the container valve(s) or propane supply connection.

Open doors and other ventilating openings.

Leave the area until the odor clears.

Have the propane system checked and leakage source corrected before using again.

Failure to comply could result in explosion resulting in death or serious injury.



WARNING

Propane cylinders shall not be placed or stored inside the vehicle. Propane cylinders are equipped with safety devices that relieve excessive pressure by discharging propane to the atmosphere.

FAILURE TO COMPLY COULD RESULT IN DEATH OR SERIOUS INJURY.

PLEASURE-WAY INDUSTRIES LTD.

Pleasure-Way Industries Ltd. takes great pride in the quality and excellence that the Pleasure-Way name represents. We appreciate having you as a customer and welcome you into the Pleasure-Way family. This manual is provided to introduce you to the many features of your new Mercedes Plateau XL including operation, maintenance and warranties. **We strongly advise you to take time to read this manual, the Mercedes Sprinter chassis owner's manual as well as those of the motorhome components before you use your new motorhome.** It will help you to better understand the many operational features of this recreational vehicle.

After reading this manual, be sure to keep it in the motorhome as a reference. Your Pleasure-Way dealer will be glad to answer any further questions about the operation of your motorhome and the appliances.

All reasonable precautions have been taken in the preparation of this manual. We have been as accurate as possible at the time of this publication. However, due to our policy of continuous improvement and refinement to our product, Pleasure-Way reserves the right to make product changes at any time without prior notice and without incurring obligations. As a result, Pleasure-Way assumes no responsibility for errors or omissions in the accuracy of the content of this manual.

We know that you will enjoy your new Pleasure-Way and we wish you many miles of pleasant and carefree driving. Happy Travels!

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Pleasure-Way Industries Ltd. Five-Year Limited Motorhome Warranty

CUSTOMER RESPONSIBILITY

It is important you read and understand the information provided to you in the package containing all the manuals and information pertaining to your Pleasure-Way Motorhome.

Familiarize yourself with the applicable warranties. You are responsible for ensuring the procedures for obtaining warranty repairs are followed properly. It is your responsibility and obligation to return your motorhome to your authorized Pleasure-Way dealership for warranty service repairs.

As the owner of the Motorhome, you are responsible for regular and proper maintenance performed in accordance with the Pleasure-Way and OEM manuals provided. Regular and proper maintenance will help prevent conditions arising from neglect that are not covered under warranty.

WHAT THIS LIMITED WARRANTY COVERS:

Pleasure-Way Industries Ltd. warrants the specified new Motorhome free from defects in material and craftsmanship on portions manufactured by Pleasure-Way Industries Ltd. under normal use and service. Pleasure-Way Industries' obligation, under this limited warranty, shall be limited to 60 months / 60,000 miles / 100,000 kilometers (whichever comes first) after the date of purchase by the **first retail purchaser** from an Authorized Pleasure-Way Dealer. Warranty shall be fulfilled by an Authorized Pleasure-Way Dealer or Authorized Pleasure-Way service facility. ***This Pleasure-Way Warranty is non-transferable to subsequent owners.***

WHAT THIS LIMITED WARRANTY DOES NOT COVER:

This limited warranty shall not apply to the following:

- If the Motorhome has been altered outside our factory in any way so as, in our sole opinion and discretion, to affect its stability, operation or reliability.
- Deterioration due to wear and or exposure, including but not limited to rust: corrosion, oxidation and cosmetic blemishes.
- If the Motorhome, in our sole opinion and discretion, has been subject to misuse, negligence, or accident.
- If the Motorhome has been declared a total loss by an insurance company, or a motorhome title indicates that is designated as "salvage", "junk", or "rebuilt" or word of similar impact.

- The automotive chassis is covered by its own manufacturer's warranty, including by way of example, but not limited to: power train, engine, drive-train, tires and muffler. To learn more about the specific automotive chassis not covered under the Pleasure-Way warranty please contact your authorized selling dealer, Pleasure-Way Industries Ltd. or review your Ford, Mercedes Benz or GM warranty package information provided with the coach.
- Appliances and components covered by their own manufacturer's warranties, including but not limited to: the microwave, refrigerator, stove, heater, television, generator and roof air conditioners. To learn more about specific component parts or appliances not covered under the Pleasure-Way warranty please contact your selling dealer, Pleasure-Way Industries or review your warranty package information provided with the coach.
- Unauthorized repairs, alterations or modifications.
- Routine maintenance.
- Items that are working as designed but which you are unhappy with because of the design or function.
- Damages caused by, but not limited to: hail, tornadoes, lighting, floods, earthquakes, hurricanes, fire, rain, and all other environmental conditions, which include but are not limited to, tree sap, tar, chemicals, oils, salts, road hazards, stone chips, infestations, rodents and /or acts of God.
- Defects or repairs required, as an example but not limited due to; improper loading, load distribution, accident, collision, vandalism, abuse, neglect, improper maintenance, rust or corrosion.
- Failure to seek and obtain repairs in a timely manner.
- Failure to use reasonable efforts to mitigate damage caused by defects.
- Failure to comply with the instructions set forth in the owner's manual.
- Exterior storage compartments may not be moisture free due to weather and humidity conditions. It is advised that you store items accordingly. Pleasure-Way is not responsible for goods damaged while stored in exterior storage compartments.
- Condensation and the results of condensation including, but not limited to, water damage and the growth or mildew or mold. Mold and mildew are natural growths given certain environmental conditions and are not covered by the terms of this warranty
- Failure of the coach and /or chassis resulting in incidental damages, such as but not limited to: goods stored both inside and outside the coach; loss of use and equipment of Motorhome; inconvenience; cost of rental vehicle; cost of accommodations; travel expenses; towing; meals; and other miscellaneous incidental expenses. Some states do not allow exclusions or limitation of incidental or consequential damages, so the above limitations or exclusion may or may not apply to you.

THE CONDITIONS OF THIS LIMITED WARRANTY SHALL NOT APPLY TO DEGENERATION DUE TO WEAR AND TEAR AND EXPOSURE AFTER THESE LIMITATIONS:

- For **ninety (90) days** from the original retail purchase date, adjustments to compartment door latches, light bulbs, fuses, remote and smoke detector batteries.
- For **one (1) year** from the original retail date purchase date or 12,000 miles / 20,000 kilometers (whichever comes first), by the original retail purchaser from an Authorized Pleasure-Way Dealer;
All seat, curtain, door panel and wall fabrics used in the coach.
Window seals and caulking.
Exterior power cable hatch.
City water fill.
Porch light.
Exterior cable TV outlet
Carpet
Linoleum.
Black and grey water termination valves; and
Exterior striping.

For **two (2) years** or 24,000 miles or 40,000 kilometers (whichever comes first) by the original retail purchaser from an Authorized Pleasure-Way Dealer:
Ultraleather fabrics.
Foam used in cushions.

For **three (3) years** or 36,000 miles or 60,000 kilometers (whichever comes first) by the original retail purchaser from an Authorized Pleasure-Way Dealer;
Exterior painted surfaces.

This warranty is expressly in lieu of all other warranties, expressed or implied, and all other obligations or liabilities for alleged representation or negligence. Pleasure-Way Industries Ltd. neither assumes nor authorizes any other person to assume for us any liability in connection with the sale of our Motorhomes other than expressed above.

All correspondence should be directed to the authorized Pleasure-Way dealer from whom the Motorhome was purchased and must specify the serial number and date of purchase of Motorhome in question.

Pleasure-Way Industries Ltd. reserves the right to make changes in Motorhomes built and/or sold by it at any time without incurring any obligations to make the same or similar changes on motorhomes previously built and/or sold by Pleasure-Way Industries Ltd.

For emergency repairs while traveling, you may choose to deal with non-authorized RV service facilities; however, all warranty repairs must be pre-authorized by Pleasure-Way. Pleasure-Way will, at its option, replace or repair free of charge any defective part, including labor. The purchaser shall notify their authorized Pleasure-Way Dealer within the warranty period.

If you obtain warranty repairs from a non-authorized RV service facility without Pleasure-Way pre authorization, it is at Pleasure-Way's sole discretion whether or not to reimburse the claim.

In the event that this Motorhome is used for commercial or rental fleet purposes, the warranty coverage shall be limited to one (1) year 12,000 miles / 20,000 Km (whichever comes first) from the date of original purchase.

Obtaining Warranty Repairs:

To obtain warranty repairs, you must contact your authorized Pleasure-Way dealer and schedule an appointment. It is best if you have a written list of defects or items in need of repair. As the owner, you are solely responsible for the maintenance of the motorhome as required or recommended by the owner's manual and associated costs of that maintenance. Repairs necessitated by failure to maintain the Motorhome as required or recommended are not covered by warranty.

Note: Pleasure-Way does not control the scheduling of service work at authorized or independent dealerships. You may encounter some delay in scheduling or completion of work.

Warranty Policies

Warranty repairs must be with in the five year or 60,000 miles / 100,000 kilometers (whichever comes first) limited warranty.

Pleasure-Way warranty registration cards must be on file before any claims will be processed. Claims made without warranty registration cards will be rejected until proof of ownership can be established.

Pleasure-Way Industries Ltd. will not reimburse any claims for work done on any components or appliances that are covered under their respective manufacturer's warranties. These warranties must be claimed through the manufacturer of the appliance or component. Examples include but are not limited to: refrigerator, microwave, roof air-conditioning, water pump, furnace, TV etc.

All warranty work required to be done on the chassis must be taken to an authorized Ford , Mercedes Benz, Chrysler or Chevrolet dealership (depending on your chassis make) and processed through their warranty procedures. Pleasure-Way Industries Ltd. will not reimburse any claims regarding the chassis. Pleasure-Way Industries Ltd. will pay for the removal and reinstallation of motorhome components only if absolutely necessary to perform Chassis warranty repairs. Pleasure-Way Industries Ltd. will not reimburse any costs in the removal and reinstallation of these components if it is: out of the warranty period; non-warranty repairs; and /or routine maintenance or service.

SAFETY

For your safety while travelling with your Pleasure-Way Motorhome, we have provided safety components throughout the vehicle. In order for your vehicle to maintain the safest possible conditions, these components must be tested and maintained on a regular basis, according to the detailed manufacturer's operating instructions.

All Pleasure-Way Motorhomes in Canada are CSA and CMVSS certified, and may exceed the approved installation criteria.

All Pleasure-Way Motorhomes in the United States are FMVSS certified and bear the R.V.I.A. seal of approval, and may exceed the individual state requirements.

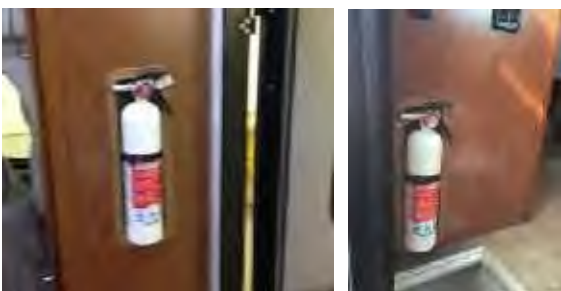
SMOKE DETECTOR

A smoke detector is located on the ceiling near the front of your unit. Smoke detectors may give you a warning of smoke, but only if you use and maintain them in accordance to the manufacturer's instructions. This device should be tested after each time your vehicle has been in storage, before each vehicle use, and at least once each week during your vehicle use. Do not block air circulation in the area where the smoke detector is located. Ensure you connect the battery inside the detector upon receiving your new unit and that you install a fully charged fresh battery at least once a year.



FIRE EXTINGUISHER

A 5-pound capacity fire extinguisher is provided with each unit. The fire extinguisher is located on the passenger side front cabinet, or the kitchen cabinet next to the main entrance door, for ease of accessibility from the interior or exterior. Warning: This fire extinguisher is a type "ABC", which will extinguish flammable liquids, electrical fires, and trash, wood and paper fires. You should inspect the extinguisher at least once a month according to the manufacturer's instructions.



LP GAS DETECTOR/CARBON MONOXIDE SENSOR

A combination liquid propane (LP) gas detector and carbon monoxide sensor is located near the floor level below the fridge (XLMB) or below the closet (XLTD). This detector will detect liquid propane gas, carbon monoxide and other gases that are heavier than air. Your components that require LP gas are provided with complete ventilation to the exterior and are sealed off from the interior for your added safety. This detector is powered by the auxiliary battery that operates at all times unless the battery is disconnected. This detector should be tested every week or every time before a trip, whichever occurs first. Do not block air circulation in the area where the LP gas detector is located. The test procedure should be performed in accordance to the manufacturer's instructions.

Note: The LP Gas Detector/Carbon Monoxide Sensor will sound to indicate a low coach battery charge.



GFCI OUTLET

A ground fault circuit interrupter (GFCI) 110 volt receptacle, located just below the kitchen galley countertop, provides protection against line-to-ground electrical shock hazards that could be harmful or even fatal. The outlets that are on this circuit are the exterior receptacle, galley receptacles, bathroom receptacle, the seat and work space receptacles. These receptacles are to be tested at least once a month in accordance with the manufacturer's instructions.



There are separate GFCI plug and pass through interrupters for the fridge and microwave located in the closet on the XLMB and located in the cabinet above the Blue ray player in the XLTD.



REFUELING

When you are refueling your gasoline tank or your propane system, ensure that your vehicle and your LP valve is shut off. Ensure that your pilot lights have been extinguished as well. Warning: Even with the main LP valve shut off, there is enough gas in the LP lines for the pilot light to continue to burn.



FILLING THE LP GAS FUEL CYLINDER

When you are filling the LP gas fuel cylinder, the propane tank valve must be closed. All pilot lights, appliances, along with their igniters, must be turned off during refueling of motor fuel and / or the propane fuel tank. Only qualified personnel should refuel your propane tank. Do not fill the propane tank to more than 80% of its capacity. The breather valve will show liquid at 80%. To reduce the danger of fire and or explosion, do not store gasoline or other flammable liquids inside your vehicle.

NOTE: Ensure the propane system valve is fully shut when the vehicle is in motion. It is not safe to travel while propane appliances are in use.



SEAT BELTS

Only seats equipped with factory installed seatbelts are to be occupied while the vehicle is in motion. All passengers must be seated in these seats only, with the seat belts fastened, while the vehicle is in motion.

APPLIANCES

It is not safe to use cooking appliances to heat the interior of the coach due to the danger of asphyxiation. It is recommended that you read all of the appliance owner / operating manuals prior to using the appliances. It is recommended that a source of fresh air be supplied when operating a propane appliance.



GENERATOR

When launching a boat or some form of watercraft with your Pleasure-Way motorhome, it is imperative to not submerge the generator in water. Please refer to the generator owner / operating manual for proper use and maintenance information.



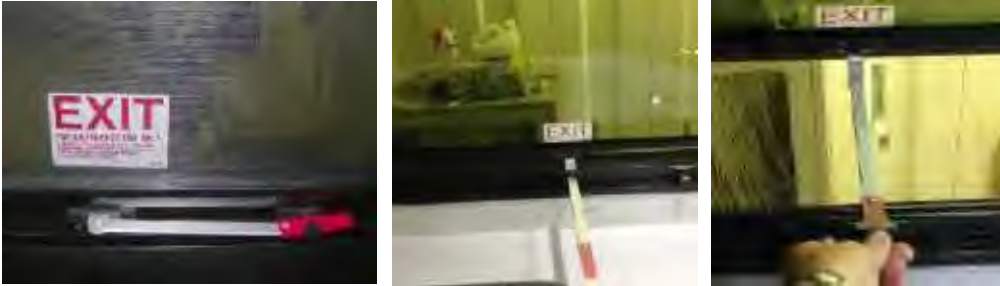
VEHICLE GROUND CLEARANCE

Your motorhome is equipped with underside holding tanks, waste tanks, plumbing lines, propane lines and other RV related items. Please be careful when driving your motorhome on uneven or poorly maintained roadways.

EMERGENCY ESCAPE

If the need to make an emergency escape from the interior of your motorhome arises, all interior doors are equipped with interior access latches. The kitchen window (XLMB) or the driver side rear window (XLTD) is also equipped with emergency exit panel. (1) Remove the screen.(2) Disengage the locking handle. (3) Push the handle out of the center handle slide. (4) Swing the window fully open.

Your escape routes are as follows: the main entrance at the side door, the driver and passenger side front doors and the rear kitchen window.



MAINTENANCE SCHEDULE

It is recommended that you regularly maintain your Pleasure-Way Motorhome in order to get the maximum benefits from your unit. The life and performance of each component depends upon proper use, operation and maintenance. With a regular maintenance schedule you should be able to identify any components that may need attention, allowing you to have many years and miles of trouble-free travelling. NOTE: Please refer to your Sprinter Owner's manual for chassis mechanical maintenance.

HELPFUL HINTS

1. To maintain your exterior roof, walls, running boards and other fiberglass components we suggest that you wax these pieces annually with an automobile wax, as these are painted components.
2. When storing your Pleasure-Way Motorhome, park in a level space.
3. When storing your Pleasure-Way Motorhome, please ensure that all the holding tanks are empty and flushed, all LP gas valves have been shut, all electrical components are switched OFF, and the disconnect switch is in the OFF position.
4. To maintain your holding tanks it is recommended that after the tanks have been flushed and cleaned, you add a tank sanitizer (which can be purchased from your local RV dealer) to your tanks. Please follow the manufacturer's recommendations.
5. When storing your Pleasure-Way Motorhome, ensure the fridge door is left slightly open position

ULTRALEATHER CLEANING AND CARE
(Information taken from the Ultrafabrics web-sight.)

Our fabrics are engineered to be long-lasting, with surfaces that maintain their top-quality look and feel long after application. To keep any of our materials looking their best, we do recommend regular care and cleaning, especially to keep dirt from accumulating. Below is a general outline to help keep your fabrics looking their best.

Tips

- Clean with soap and water or alcohol based cleaners
- Sanitize using 1:5 bleach/water solution, hydrogen peroxide based, or quaternary-based disinfectants*
- For stubborn stains, wipe the stain off with isopropyl(rubbing alcohol) as soon as possible
- Rinse all solution residue with water

Indoor/Outdoor Fabric Care Instructions

- All our Indoor/Outdoor products should be stored in a dry, well-ventilated area
- Our mildew resistant surfaces do not promote mildew growth, however, mildew may grow on dirt and other foreign substances that are not removed from the fabric
- The frequency of cleaning will vary greatly depending upon the local outdoor environment in which the product is used
- Cushions should not remain wet or be covered, as this will increase the chances of mildew growth occurring
- All of our High UV products perform best when they are paired with an open cell, reticulated, quick drying foam and/or a waterproof, anti-mildew barrier between the fabric and foam and utilize air vents and/or a mesh, open weave fabric bottom

Ultraleather Pro Stain Care Instructions

MARKET	STAIN
Restaurant & Food Service	Ketchup, Mayo, Mustard,** Coffee, Red Wine, Tea
Healthcare	Blood, Urine, Betadine
Contract & High Traffic Areas	Ballpoint Pen Ink**

Clean with soap and water, or alcohol-based cleaners

*This information is not a guarantee. Please use all cleaning and disinfecting agents safely and as instructed.

**For tough stains, clean using isopropyl/rubbing alcohol. Rinse surface with water and dry. Prompt attention is important for successful removal of any stain.

A variety of clothing and accessories may contain dyes that could transfer to lighter colors, depending upon variations in temperature and humidity. Dye transfer is difficult to control, not always fully preventable, and may be irreversible.

CHASSIS PAINT CODES (Mercedes Sprinter Codes)

Mercedes Grey White (Cream Color)- 9136

Mercedes Brilliant Silver Metallic – 9744

Mercedes Artic White (Bright White) – 9147

Mercedes (30th Anniversary Champagne) Pearl Silver Metallic – 9764

Paint codes for the Sprinter van can be found on the driver seat base by opening the zipper flap and lifting the right hand flap.



MOTORHOME DIMENSIONS AND CAPACITIES

Your Motor Home is larger than your standard van or automobile, so please be careful when entering underpasses, garages, parkades, etc.

Dimensions		
Length Bumper to Bumper	273 " or 22' 9"	693.4 cm
Length Bumper to Tail Pipe	275 ½" or 22' 11 ½"	699.7 cm
Height with AC and Antenna	129" or 10' 9"	328 cm
Width with Mirrors Extended	110" or 9' 2"	279.4 cm
Width with Awning and Mirrors retracted	96" or 8'	244 cm

Capacities		
Fuel	26.4 USA gallons	100 litres
Fresh Water / Potable Water	28.2 USA gallons	106.8 litres
Grey Water (Sinks and Shower)	30 USA gallons	113.6 litres
Black Water (Toilet)	21 USA gallons	79.5 litres
Liquid Propane (LPG) (at 80%)	10.4 USA gallons	39 litres

Chassis Specs		
GVWR	11030 lbs	5003 kg
GCWR	15250 lbs	6917 kg
GAWR Front	4410 lbs	2000 kg
GAWR Rear	7720 lbs	3502 kg
Tires	Front LT215/85R16	Rear LT215/85R16
Rims	Front 5.5J X 16"	Rear 5.5J X 16"
Tire Pressure	Front 420 kpa / 61 psi Cold	Rear 420 kpa /61 psi Cold

Appliances	Manufacturer	Model
Generator	ONAN RV QG 2500 LP	2.5HGJBB-1121A
Fridge (XLMB)	DOMETIC (3 way)	RML8555
Fridge (XLTD)	DOMETIC (3 WAY)	RML 8330
Convection oven	HIGH POINT	EC028BMR
Air Conditioner	DOMETIC	640310CXX1C0
Air Conditioner Lower	DOMETIC	3310742.014
Cook Top	SMEV/DOMETIC	P18022
Water Pump	SHURFLO	4008-101-A65
Water Heater	TRUMA AQUA GO	DLE60CP
Water Heater	GIRARD	GSWH-2
Furnace	ATWOOD	AFSD16121
Outside TV (XLMB)	LG	32LN530B
Outside (XLMB) DVD/entertainment	KENWOOD	Models will vary
Inside TV	LG	32LN530B
Inside Blu-Ray	LG	BP340
Inverter	XANTREX	FREEDOM XI 2000
Converter	INTELLI POWER	PD9145AL
ATS Switch	PROGRESSIVE DYNAMICS	5100
In Dash Stereo/Navigation	MERCEDES SPRINTER	Models will vary
Coach Batteries	ECO-ION Lithium 100AH	Life PO4
Roof Vent	Fantastic Fan	2200

Notice:

Appliances and options may change without notice and some appliances and equipment may be optional. Due to Pleasure-Way's policy of continuous improvement, Pleasure-Way Industries Ltd. reserves the right to make product changes at any time without incurring obligation.

The chassis manufacturer may make mechanical and option changes without Pleasure-Way Industry Ltd. incurring any obligation.

Pleasure-Way Industries Ltd. cannot be held responsible for changes made to an appliance supplied by another distributor or manufacturer.

Pleasure-Way Industries Ltd. cannot be held responsible for dealer installed options.

DRIVER SIDE WATER HEATER VENT/ACCESS DOOR

Located above driver side rear wheel , this vent gives you access to the exterior working components of the Girard or Truma Aqua Go on demand water heater.

During regular use the Off/On switch can be left in the On position; the water heater will only come on when hot water is being used. Turn you water heater off when the motorhome is in storage.

- **Note:** The Girard water heater does not have by-pass valves. The non-toxic RV antifreeze is circulated through the water tubes when winterizing.

NOTE: Keep this vent clear from all obstructions.

Girard

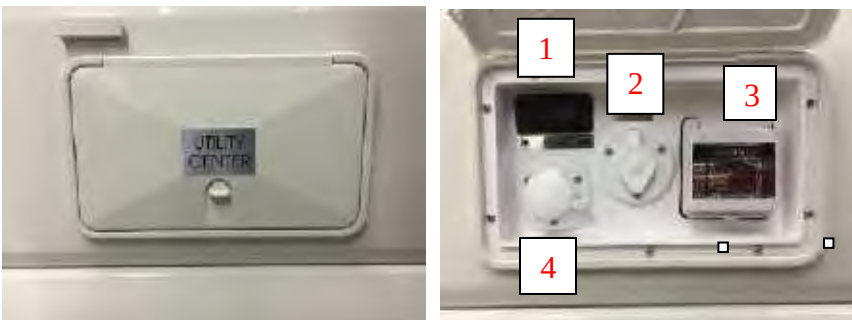


Truma



DRIVER'S SIDE UTILITY CENTER

The utility center is located on the driver side behind the rear wheel. This compartment gives access to these components: sewer hose, exterior shower, propane switch, 30 amp shore power connection, park cable and city water.



- 1) LP Gas Switch
- 2) Park Cable Outlet
- 3) 30 amp Power Cord Outlet
- 4) City Water Connection

DRIVER'S SIDE SEWER DUMP VALVES

XLMB: located in the driver side rear compartment door, XLTD: located next to the driver entrance door. These dump handles allow you to dump your gray and black waste water tanks. For ease of access open the component compartment door.

NOTE: Dump your black water first to allow your gray water to flush the black water through the hose.

XLMB



XLTD



DRIVER SIDE GENERATOR

The generator is located mid-body on the driver side in front of the rear wheel. This non-locking door provides access to the generator.



DRIVER SIDE EXTERIOR SHOWER

The exterior shower compartment is located on the driver side mid-body (XLMB) or the driver side rear corner (XLTD). This compartment houses a shower valve and wand featuring hot and cold running water.



DRIVER SIDE LOCKING FUEL FILL DOOR

The fuel fill is located next to the driver's door. The driver's door must be open to access the fuel door.



DRIVER SIDE STORAGE COMPARTMENT

XLMB

This compartment is located next to the driver entrance door, this compartment is approximately 59" long X 19" deep X 16" High. Exterior storage compartments may not be moisture free due to weather and humidity conditions. It is advised that you store items accordingly.



XLTD

This compartment is located on the driver side rear corner, this compartment is approximately 32" long X 19" deep X 20" high. Exterior storage compartments may not be moisture free due to weather and humidity conditions. It is advised that you store items accordingly.



PASSENGER MID-BODY STORAGE COMPARTMENT

This compartment is located on the passenger side mid-body behind the main entrance door. This compartment is approximately 40 ½" long X 19" deep X 16" high with a jog on the right hand side to accommodate the under carriage.



PASSENGER REAR STORAGE COMPARTMENT (XLTD ONLY)

This compartment is located on the passenger side, rear corner, this compartment is approximately 32" long X 19" deep X 34" high.



CAUTION: Exterior storage compartments may not be moisture free due to weather and humidity conditions. It is advised that you store items accordingly.

FRIDGE VENTS

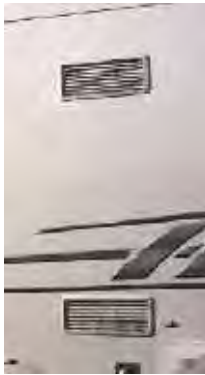
Located on the passenger side above the rear wheel (XLMB) or located on the driver side mid-body (XLTD), these vents allow air to flow to your fridge coils, which help with the cooling process of the fridge.

NOTE: *Ensure that these vents are free from obstruction.*

XLMB



XLTD



FRESH WATER HOLDING TANK FILL

Located on the passenger side, rear corner (XLMB), or driver side rear corner (XLTD), this locking door provides access to fill your fresh water tank.

1. Fresh Water Tank Fill
2. Fresh Water Tank Vent

XLMB



XLTD



FURNACE VENT

Located on the passenger side above the rear wheel well (XLMB) or located mid-body on the driver side (XLTD), this vent is the exhaust and fresh air return for your furnace.

NOTE: For maximum efficiency of your furnace, this vent should be free from obstruction.

Caution: this surface may be hot when furnace is running.



PASSENGER SIDE EXTERIOR 110-120 VOLT PLUG

This plug is located on the passenger side mid-body and will only function if power is supplied through the inverter, generator or shore power. This plug is controlled by the GFCI on the kitchen face frame.



PASSENGER SIDE EXTERIOR PORCH LIGHT

Located beside the passenger side main entrance door, this light is controlled by the switch on the kitchen end gable, near the entrance handle.



PASSENGER SIDE PROPANE CONNECTION

Located in front of the passenger side rear wheel this quick connect is a regulated propane line.



The Mercedes chassis battery is located under the driver's floor inside the cab of the vehicle. See your Sprinter manual for additional information.

Passenger Side Awning

The awning is located on the passenger side of the roof, this is a 13 foot Carefree electric awning controlled by the switches located beside the main entrance door. The battery power switch must be in the on and the awning switch must be in the ON position to extend or retract the awning. You will also notice the awning is equipped with a light strip located on the extension rail of the awning. This light strip is controlled by the switch below the awning switch.





- **NOTE: The power awning must be retracted and the power awning switch must be in the OFF position while the vehicle is in motion.**

Rooftop Solar Panels

Your vehicle can be equipped with 1-5 Carmanah 95 watt solar panels. These solar panels are located on the roof of the vehicle. The charge control panel is located above the fire extinguisher, next to the main entrance door. (3 panels are pictured)



Rooftop Air Conditioner

Your vehicle is equipped with a 11,00 BTU low profile Dometic air conditioner . From the ground to the top of the air conditioner it measures 10' 9". This is the highest point on your vehicle. Ensure you allow for this clearance when proceeding under overhead items. The control for the air conditioner is the Dometic digital thermostat located above the entertainment center.



Rooftop Fantastic Fan

This fan's vent is located on the roof-top near the shower skylight and close to the bathroom door, in the kitchen area of the interior. This fan will assist in exhausting the odors and steam from the bathroom and cooking area.



Rooftop TV Antenna

This antenna is located on the rear driver side of the roof (XLMB) or the driver front corner of the roof (XLTD) . This is a dome style antenna with an auto search mode. The antenna controls and booster are located above the entertainment center inside the coach.



Rooftop Non -capped Black and Grey Water Vents



JACK AND JACK TOOLS:

The jack and jack tools are located on the passenger floor area of the Sprinter cab. The jack and jack tools are provided by Mercedes. Please refer to the Mercedes owner's manual for jacking locations.

The chrome wheel cover can be removed by prying the chrome insert away from the outer rim of the tire.



For Alcoa aluminum wheels, remove the chrome stud cover to access the wheel nut. The chrome cover is a friction fit.

- **Note: There is no spare tire included with this vehicle. For your convenience a flat repair kit that includes a tire repair liquid and an air compressor has been provided in the driver side storage compartment.**



TRAVEL PREPARATION

BEFORE YOU LEAVE

Prior to heading off on your adventures, you should always check to ensure that:

- the LP gas is off at the main valve switch
- all black and gray waste water tanks are empty, with the dump handles closed
- all electrical cords and exterior hoses are stored back into their respective compartments
- chassis fluid levels are at recommended levels
- chassis tire pressures are at recommended levels
- chassis exterior lighting is functional
- all exterior components are secure and closed
- all interior doors and drawers are closed and locked into position
- all interior components are secure and in place
- the furnace control switch on the thermostat is off
- the TV swing-out is locked into the stow position
- the shower door is in the locked position
- the skylights and vents are in a closed locked position
- all cabinet doors are closed
- the driver and passenger cab seats are in the forward facing, locked position
- the campsite is left in better condition than when you arrived.

WHILE IN MOTION

Use of any of the appliances is not recommended while the motorhome is in motion. Always wear your seat belt when the vehicle is in motion.

Warning: *Do not use any LP gas appliances while in motion.*

UPON ARRIVAL AT YOUR SITE

Once you arrive at a site:

- Ensure your motorhome is parked in a level position so that your components will work at optimum performance (place a bubble level in the freezer shelf of the refrigerator to use as a base and level your unit accordingly).
- Ensure all exterior vents are clear from obstructions.
- Ensure the black and gray water waste tank valves are closed.
- hook up your 110 volt power cord to your coach and then to the site receptacle.
(if supplied at site. A surge protector is recommended.)
- hook up your fresh water line to the city water pressure connection (if supplied at site) , it is recommended for pressurized city water that you use a water regulator.
- turn the LP gas on.
- turn the refrigerator switch power to the LP gas selection or 110 volt power (AC).
- turn the water heater on.
- connect park cable (if supplied).

MOTORHOME SYSTEMS

LP GAS SYSTEM

Your motorhome is equipped with a liquid propane (LP) gas system that provides fuel to the appliances (refrigerator, cook top, water heater and furnace).

The LP storage tank is located behind the generator towards the center of the vehicle. The remote LP fill is located in the generator compartment door. The regulator is located on the rear cross member, and the gage is located on the rear control panel.



Propane fuel is stored in a liquid state under extremely high pressure. As fuel is used, propane vapor passes from the tank through the regulator into the gas lines and eventually to the appliances. Although the propane system has undergone extensive testing for leaks, the system's connections and fittings are subject to road vibrations and should be checked regularly for possible leaks.

Propane fuel is extremely flammable, colorless, heavier than air and smells like rotten eggs.

The main shut-off valve to supply propane to the coach is operated by a manual turn valve located in the driver side propane compartment (ensure the valve is on before operating appliances).

LP gas regulators must always be installed with the diaphragm vent facing downward. Regulators that are not in compartments have been equipped with a protective cover. Make sure that the regulator vent faces downward and that the cover is kept in place to minimize vent blockage that could result in excessive gas pressure causing fire or explosion.

WARNING: *Do not bring or store LP gas containers, gasoline or other flammable liquids inside the vehicle because a fire or explosion may result. LP gas containers are equipped with safety devices that relieve excessive pressure by discharging gas into the atmosphere.*

WARNING: *It is not safe to use cooking appliances for comfort heating. Cooking appliances need fresh air for safe operation. Unlike homes, the amount of oxygen supply in the unit is limited due to the size of the vehicle. Proper ventilation when using the cooking appliance(s) will avoid the dangers of*

asphyxiation, explosion and CO poisoning.

WARNING: Do not use portable fuel burning equipment, including wood and charcoal grills and stoves inside the motorhome. The use of this equipment inside the recreational vehicle may cause fire or asphyxiation.

DO NOT FILL LP CONTAINER TO MORE THAN 80% CAPACITY. Overfilling the LP gas container can result in uncontrolled gas flow, which can cause a fire or explosion. A properly filled container will contain approximately 80% of its volume of LP gas.

If you smell gas:

1. Extinguish any open flames, pilot lights and all smoking materials.
2. Do not touch any electrical switches.
3. Shut off the gas supply at the tank valve or gas supply connection.
4. Open all the doors and other ventilating openings.
5. Leave the area until the odor clears and you are sure there is no further risk to you.
6. Have the gas system checked and leakage source corrected before using again.

LP FILL VALVE & LP BLEEDER VALVE

The bleeder valve allows pressure to vacate the LP tank when 80% full.

The fill and bleeder valve are located in the non- locking driver side front compartment. The fill valve, is covered by the yellow end cap. Only fill the LP tank to 80% capacity, liquid will appear from the breather valve at 80%.



LP TANK GAUGE

This gauge indicates how full the LP tank is. The LP gage is located on the tank with a sending unit that sends levels to the inside monitor panel, located in the rear control panel of the coach.



HOW TO USE THE LP APPLIANCES:

Turn on the red disconnect switch on the entrance control panel. Turn on the LP electric valve (located in the driver side utility center).



COOK TOP:

The vehicle is equipped with a two-burner flush mount cook top located in the kitchen counter top.

- 1) Lift the glass cover.
- 2) Turn the selected burner knob to ignite (flame) position and hold the button in. This allows propane to flow to the selected burner. Hold the button for a couple of seconds before pressing the igniter.
- 3) Depress the middle ignition spark knob several times until the burner ignites.
- 4) Turn the burner knob to adjust the flame to the appropriate heat setting.
- 5) When you have finished using the cook top, turn the burner knob to the off position allow the burner to cool before closing the cook top cover.

Please consult the cook top owner's manual for complete operating and cleaning instructions.



FURNACE:

Your vehicle is equipped with a 16,000 BTU Atwood LP gas Auto Ignition Furnace. The furnace is located near the floor below the closet or fridge. The thermostat control is located above the interior TV.

- 1) Ensure that there is propane supplied to the coach.
- 2) Ensure there is 12V power to the coach.
- 3) Turn the thermostat to the ON position and set the thermostat to the desired temperature.
- 4) The furnace will auto ignite and cycle through fan and heating, the furnace will cycle to keep the desired temperature.
- 5) The furnace reset button (XLMB) is located behind the converter through the access hole below the upper TV area drawer. Remove this drawer to access the reset button. The reset button (XLTD) is

located through the exterior lower fridge vent. Remove the vent cover, remove the white plastic cap to access the rest button.

***Note:** The air conditioner fan may come on when the furnace engages. Set the thermostat in the fan mode to automatic to prevent this from happening.

Note: When the furnace is not in use, turn the thermostat switch to the OFF position.



REFRIGERATOR:

Your vehicle is equipped with a Dometic three way fridge/freezer (LP gas , AC & DC).

XLMB (Dometic RML8555)

- 1) To turn the fridge on, use the mode buttons to select your power source (AC, Gas, DC or Auto). Then select your desired temperature (this may vary slightly with each fridge and weather condition).
- 2) DC or 12 volt power for the fridge should only be used while the vehicle is in motion or for short stops less than 3 hours.
- 3) The Auto mode is recommended when the vehicle is operating off of a 110-120 volt power source (shore power or generator). The fridge will default to 110- 120 volt power and then attempt to light on gas, then move to 12 volt.

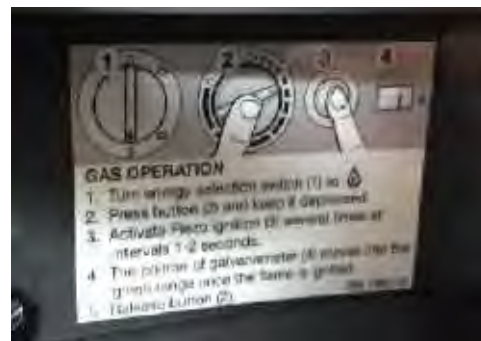
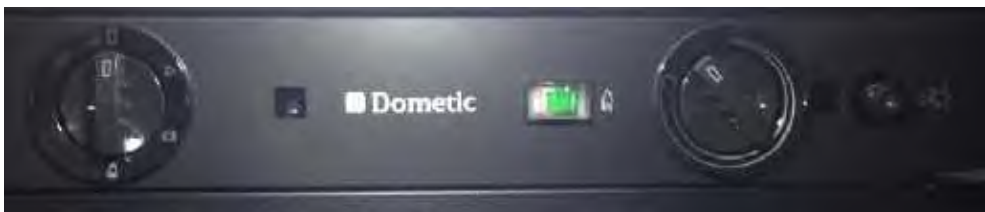
NOTE: For the best cooling results your vehicle should be level and the exterior refrigerator vents free from obstructions. Please consult your Dometic fridge operating manual for complete operating and maintenance instructions.



XLTD (Dometic RML8330)

- 1) To turn the fridge on, use the mode dial to select your power source (AC, Gas, DC). Then select your desired level of coolness (this may vary slightly with each fridge and weather condition).
- 2) DC or 12 volt is used for the fridge should only be used while the vehicle is in motion or for short stops less than 3 hours.
- 3) The propane is a manual light, please follow the Dometic instructions. You can find the instructions on the inside of the fridge door.
- 4) The fridge is equipped with a travel and storage lock please refer to the Dometic owner manual.

NOTE: For the best cooling results your vehicle should be level and the exterior refrigerator vents free from obstructions. Please consult your Dometic fridge-operating manual for complete operating and maintenance instructions.



- **Note: When the vehicle is in storage or when the fridge is not going to be used for a period of time, the fridge door should remain in a slight open position. This will allow air flow through the fridge interior and prevent odor and mildew from setting up in the fridge cabinet. Your fridge door latch may be equipped with a storage lock (Check the fridge owner manual).**

WATER HEATER:

The water heater is located in the kitchen under the kitchen sink (XLMB) or below the driver side cushion (XLTD). Access to the working mechanism of the water heater is through the outside vent door. The coach may be equipped with a Girard or Truma water heater.

GIRARD ON DEMAND WATER HEATING SYSTEM (GSWH-2)



Unlike your home or previous RV water heater system, the on demand system does not have a tank that contains hot water. The on demand system heats water to the desired temperature as needed. The water temperature will depend on the flow rate of the water. A lower flow rate will give you hotter water.



- 1) Turn on the battery switch
- 2) Turn on the LP gas switch
- 3) Turn on the water heater switch
- 4) Turn on the inside control panel and adjust
- 5) Start the water flow on hot at a medium rate



GSWH-2 Can operate two different ways:

- 1) Operating like a tank water heater, the user turns on the hot and cold water to achieve the desired hot water temperature.
- 2) Select the desired temperature by adjusting the temperature setting up or down. The UPC settings are from 95 to 124 degrees (F). The unit will maintain this temperature. Dependant on water flow.

Note; The recommended and factory setting is 115 (F) or 46 (C)

For normal operation:

- 1) Turn on the panel power. The panel will display the current temperature at the inlet of the unit.
- 2) Press the temperature selection arrow (up or down) to see the current set temperature.
- 3) Adjust the set temperature to your preference and turn on the faucet.

NOTE: See the Girard operating instructions for further information.

Truma Aqua Go Comfort Plus DLE60CP

The Truma Aqua Go Comfort Plus water heater is a hybrid water heater that combines the instant hot water source with a 1 gallon water tank and a recirculation system to give a continuous flow of hot water.

Basic Operation

- 1) Turn on the battery switch.
- 2) Turn on the LP gas switch.
- 3) Turn on the water heater switch inside the exterior water heater door.
- 4) Turn the water heater switch to eco mode or comfort mode (see the Truma manual to determine which is right for you).
- 5) Start the water flow on hot at a medium flow, adjust to the desired temperature.



Summer Mode



Winter mode



- 1) For summer - all the by-pass valves are horizontal.
- 2) For winter all the by-pass valves are vertical.

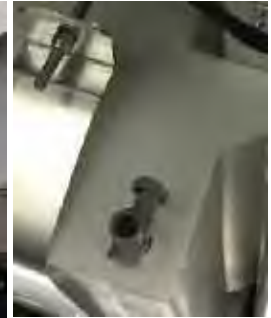
- **NOTE:** See the Truma manual for operating instructions and for further information, such as winter mode, cleaning mode and decalcification.
- **NOTE:** See the winterizing instructions in this manual for Winter Storage Information.

FRESH WATER SYSTEM

The water system built into your motorhome provides full service similar to the system in your home. A 12 volt self-priming pump draws and pressurizes water from the fresh water tank to all faucets and the water heater. An automatic pressure switch located in the water pump maintains a positive line pressure between 20 to 30 p.s.i. The fresh, black and gray water tanks are located below the floor.

FILLING THE FRESH WATER TANK

- 1) Unlock the fresh water fill. Remove the large white cap.
- 2) Insert a garden hose into the fill opening.
- 3) Turn the water source on to a medium flow rate, as a high-pressure flow will cause water to gush out of the fill opening.
- 4) Monitor the fresh water fill level using the FRS on the monitor panel located in the upper kitchen area. Do not over fill this tank. You may see water coming out through the fill tube or air vent screen as this also indicates the fresh water tank is full.
- 5) If you have over filled your fresh water tank or you want to drain some of the water out, open the drain spigot located on the fresh water tank, just in front of the hitch plates. Access this drain from the back end of the vehicle. This is the fresh water tank drain.



CITY WATER CONNECTION

The city water connection is located in the driver side component compartment. The city water connection is a convenience for you when you have access to an outside water source. When hooking up the city water connection you should make sure that the water pump switch is turned off and that all water faucets are closed.

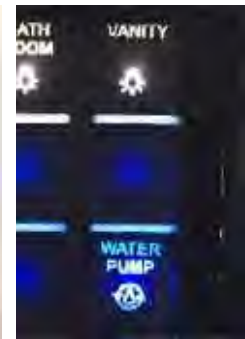
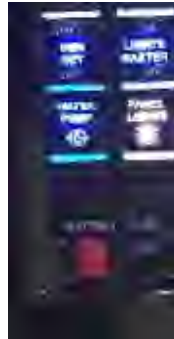
- 1) Open the driver side utility center.
- 2) Remove the plastic insert from the city water connection.
- 3) Attach a garden hose to the connection using a rubber washer to ensure the fitting is tight.
- 4) Turn the water source on to medium pressure.
- 5) Check for leaks at the city water connection, as you may have to re-tighten this connection.



NOTE: In different areas the water pressure may vary. It is advisable to use a water pressure regulator because excessive pressure may result in water-line damage. The city water system bypasses the fresh water holding tank and feeds the water lines directly so that you will not have to use the water pump. To disconnect the city water system 1) Turn off the water source. 2) Open a faucet to relieve the pressure in the lines. 3) Unhook the water line.

Water Pump

The 12 volt Sure Flo water pump is located in the kitchen lower cabinet below the sink. The filter and the inlet connection are visible on the top of the water pump. Activate the water pump by using the Water Pump switch on the switch panels, located on the entry cabinet or on the vanity upper cabinet, in the bathroom. Please consult your Sure Flo operating manual for complete operating and maintenance instructions.



TROUBLE SHOOTING:

If the pump will not prime, please check:

- to make sure there is water in the holding tank
- to make sure that the battery is not run down
- for kinks in the inlet water line
- for leaks at inlet fittings (if air is leaking into inlet fittings, tighten fittings or apply clamps as necessary)
- for clogged lines
- the inline flow filter, located beside your water pump for debris.

If the water pressure drops:

- check the faucet aerators for debris
- check to make sure there is water in the holding tank

- check to make sure the battery is not run down
- check faucets and connections for leaks

If the pump runs when there is no apparent demand for water:

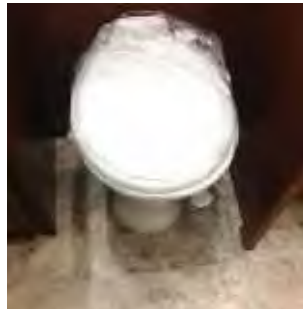
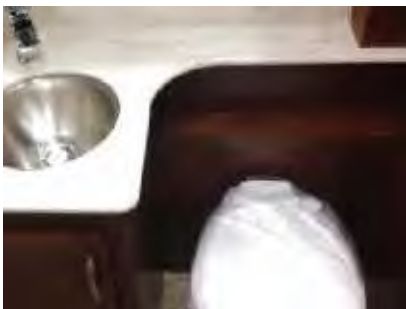
- make sure there is water in the holding tank
- check all faucets and fixtures to make sure they are all shut off and not leaking
- check line for leaks

TOILET

Please refer to the manufacturer's operating instructions.

Toilet Trouble Shooting:

1. Water keeps running in the bowl:
 - check to see if the foot lever is all the way up. Sticking may be caused by foreign material on the waste valve blade seal at the bottom of the toilet bowl. If the problem persists, you may need to replace the water valve.
2. The toilet leaks & there is water on the floor:
 - if the leak is at the back of the toilet, check the water supply line connection and refer to the manufacturer's installation instructions. If the leak is at the toilet flange area (where the toilet mounts to the floor), check the toilet flange nuts and tighten, tighten them if necessary.
3. Poor flush pressure:
 - the lever must be held fully down during the flush. An adequate flush should be obtained within 2 to 3 seconds. If the problem persists, remove the water supply line and check the water supply. The water supply rate should be at least 10 litres/2.5 gallons per minute to ensure an adequate flush.

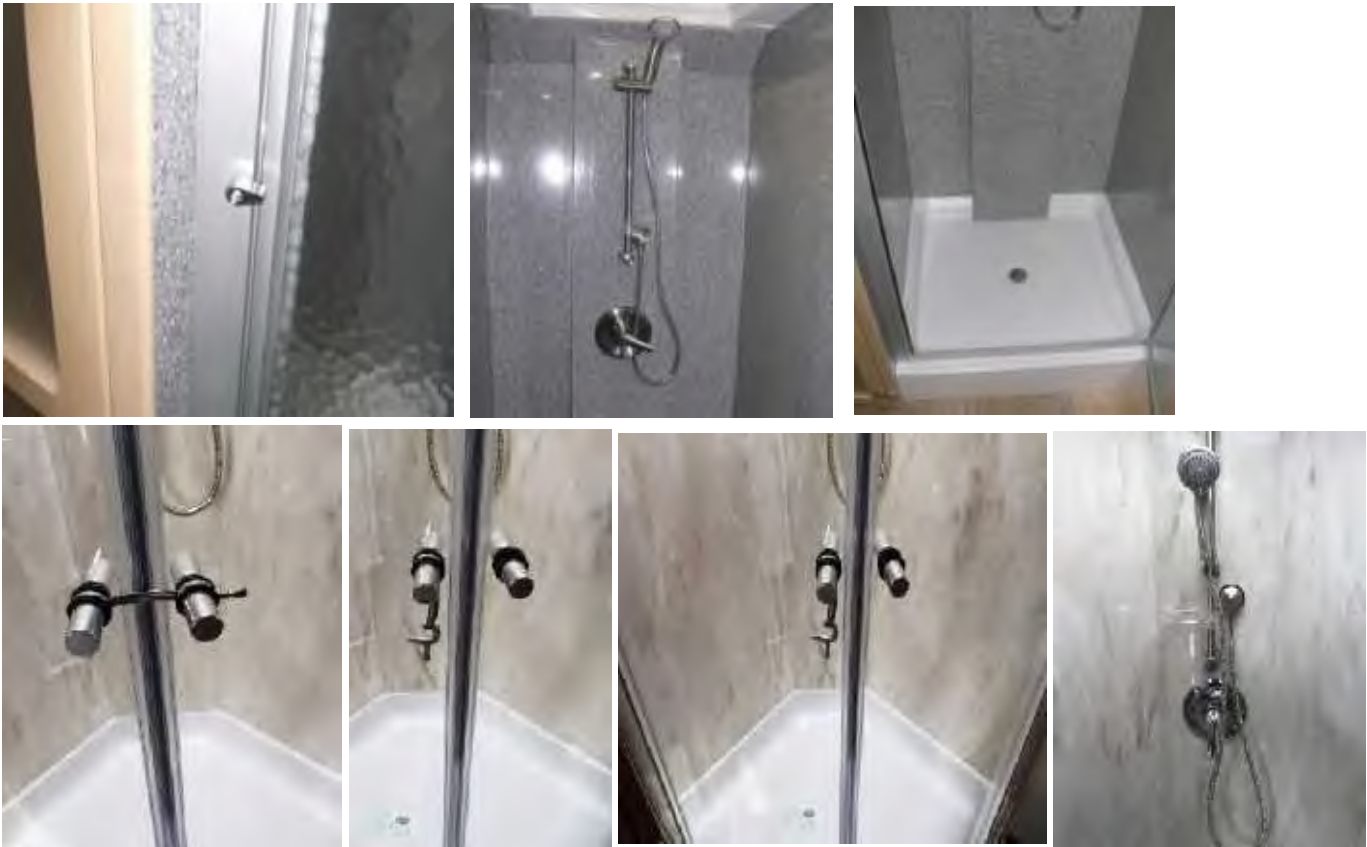


SHOWER

To protect the surface of your ABS plastic shower pan, it is recommended that a rubber shower mat be placed in the shower pan. Use a non-abrasive cleaner to clean your shower pan. NOTE: Do not use highly concentrated or high acid content household cleaners, as these may damage the shower pan.

It is recommended that the Fantastic Fan runs while the shower is in use to reduce humidity and that the shower be wiped down after each use. This will help prevent mildew and other residues from forming on shower walls.

WARNING: *Before entering the shower, ensure the shower door latch is in the full open position.*



Note: *It is not safe to shower while the vehicle is in motion.*

Note: *While the vehicle is in motion, ensure that the shower head is in the stow position, the shower door latch is in the locked position and the bathroom door is in the latched position.*

WASTE SYSTEM

The Pleasure-Way Plateau XL is equipped with two waste tanks:

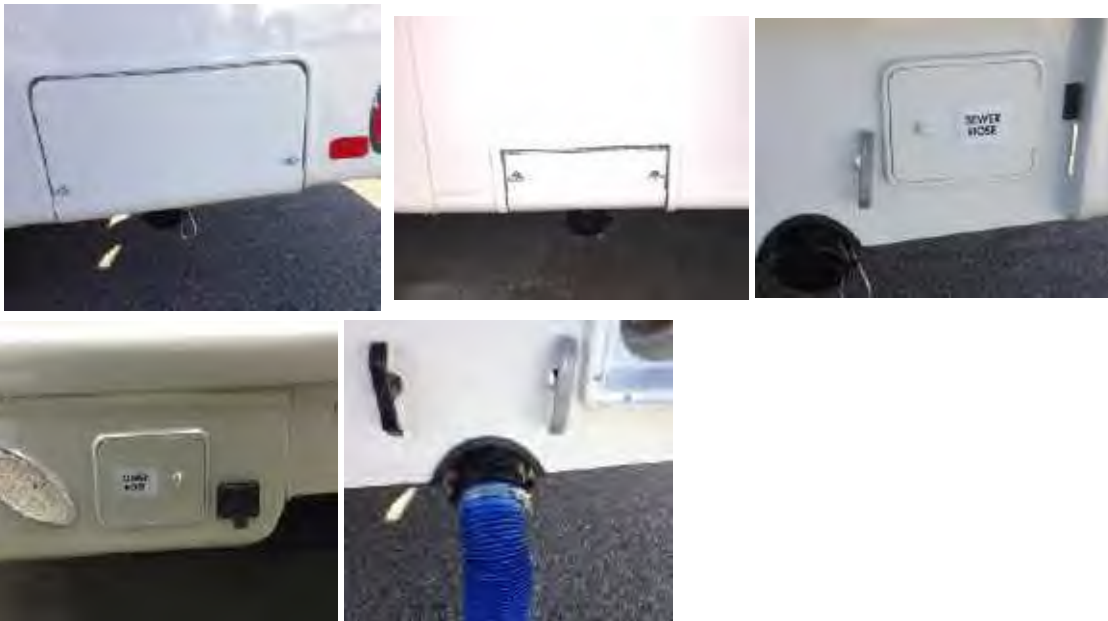
- 1) A black water tank is located below the toilet under the floor of the vehicle. Only the toilet water and solid waste enter this tank. This tank is approximately 21 U.S. gal / 79.5 L.
- 2) A grey water tank is located in the rear passenger side of the vehicle. This tank handles wastewater from the sinks and the shower. This tank is approximately 30 U.S. gal / 113.6 L.

Before using your black water holding tank, deodorize it by adding one gallon of water and commercial tank deodorizer through the toilet.

DRAINING WASTE HOLDING TANKS

- 1) Open the sewer compartment door on the driver side. This will expose the sewer dump outlet. Press in the black and gray dump valve handles to ensure the valves are closed. Remove the black termination cap.
- 2) Locate the sewer hose in its compartment above the dump outlet (XLMB) or on the rear bumper (XLTD). Connect the sewer hose to the drain outlet, and put the opposite end into an appropriate sewer dump outlet.

NOTE: Dump your black water first to allow your gray water to flush the black water through the hose.



- 3) Open the termination valve on the black water holding tank (black handle). Once this tank is empty, open the valve for the gray water holding tank (grey handle). A garden hose may be left running into the toilet with the valve open to further rinse the tank and sewer hose.
- 4) Close the termination valves and replace the cap. Rinse and replace your sewer hose back in its compartment.
- 5) Deodorize the empty tank by adding one gallon of water and commercial holding tank deodorizer through the tank.

NOTE: *If the black water holding tank is allowed to overflow, the overflow may back up through the toilet drain.*

NOTE: *If the gray water tank is allowed to overflow, the overflow may back up through the shower drain.*

If you are using a sewer hookup in a RV park, keep the valve closed until the holding tank is at least partially full, then drain. The large quantity of waste flow will provide more effective drainage and reduce tank stoppages.

WINTERIZING

- **Note: Identify which water heater is in your coach. Follow applicable instructions for a Girard or Truma water heater.**

Water System

- 1) Drain the fresh water tank by opening the drain tap on the fresh water tank.



- 2) Drain and flush the black and grey holding tanks.



Girard Water Heater

- 3) Remove the water line from the inlet side of the water pump (this is the clear plastic line going into the water pump filter). Connect a siphon hose to the inlet side of the water pump and place the other end in a container of non-toxic, RV antifreeze. Turn on the pump. This will pump non-toxic RV antifreeze through all of your fresh water lines.

NOTE: *Siphon hose consists of 40" of ½" clear tubing with a fitting to attach to the water pump. The fitting can be purchased through an RV dealer.*



- 4) Open the kitchen and bathroom faucets one at a time, allowing the antifreeze to flow through both the hot and the cold sides. Be sure to also open the toilet valve and exterior shower faucet. Turn off the water pump and disconnect the siphon hose. Reattach the original fresh water supply fitting.
- 5) Pour ½ cup of non-toxic, RV antifreeze down each drain (kitchen sink, bathroom sink and shower drain).

Note: The water heater does not have to be bypassed in winter. Non-toxic, RV anti-freeze can be passed through the water heater. Make sure the water heater is turned off in the outside vent door.

LOW POINT DRAIN VALVE (Girard Water Heater)

The low point drains are located under the rear bumper close to the driver side hitch plate. These Low point drains will allow you to drain your water line system. There are two drain valves in this area; one on a blue line and one on a red line.



Optional winterizing for milder climates

Follow steps above #1-2

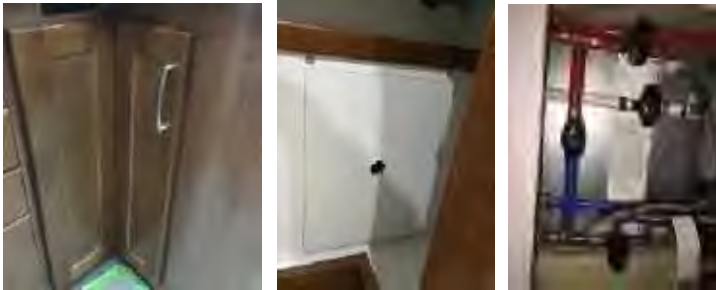
- 3) Open both low point drain valves.
- 4) Connect a blowout valve to the city water inlet. Connect a compressed air source.
- 5) Open each tap (bathroom, kitchen, exterior shower and toilet); both hot and cold. Allow the air to blow the remaining water out of the taps and valves. Fully drain the system. Leave all taps and valves and the toilet valve in an open position.
- 6) Pour ½ cup of non-toxic antifreeze down each drain.

Truma Water Heater

Follow steps above #1 and #2

- 3) Open the interior access door or panel or remove the bed cushion (XLTD) to access the back of the Truma water heater and the bypass valves.

Plateau XL Murphy Bed (lower kitchen L shaped cabinet)



Plateau XLTD (remove cushion on the driver side)



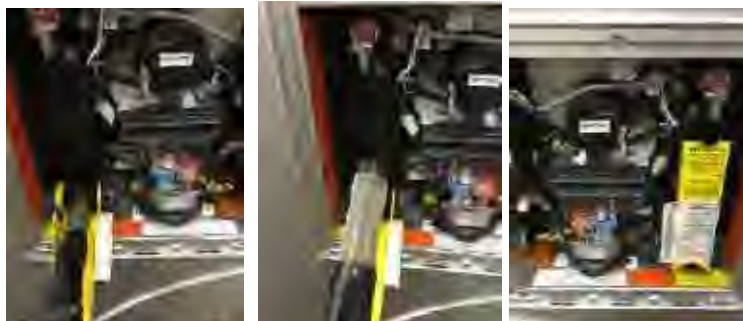
- 4) Turn the bypass valves on the top red line, bottom blue line and the white center line to the closed position. (The handle is closed when it is turned 90 degrees to the water line.)
Open the valve that is located where the blue line coming up from the bottom and the red line coming down from the top are connected.



- 5) Open the exterior door to the Truma water heater. Turn the electrical switch to the OFF position. Open the water heater drain by lifting the black latch on the top of the yellow easy drain lever. Lower the drain lever until the water filter opens.



- 6) With the filter removed, inspect and clean the water filter. Inspect the “O” rings on the filter as found on page 16 of the Truma water heater manual. Insert the filter and close the water heater drain.



- It is advised that you follow the Truma recommendations for decalcification of the water heater. These instructions can be found on page 17-21 of the Truma water heater manual.

- 7) Remove the water line from the inlet side of the water pump (this is the clear plastic line going into the water pump filter). Connect a siphon hose to the inlet side of the water pump and place the other end in a container of non-toxic, RV antifreeze. Turn on the pump. This will pump non-toxic RV antifreeze through all of your fresh water lines.

The *water pump* location on all 2017 models is behind one of the lower kitchen cabinet doors.

NOTE: Siphon hose consists of 40” of ½” clear tubing with a fitting to attach to the water pump. The fitting can be purchased through an RV dealer.



- 8) Open the kitchen faucet, exterior shower faucet and bathroom faucet one at a time allowing the antifreeze to flow through both the hot and the cold sides. Open the toilet valve and allow antifreeze to flow into the toilet bowl. Turn off the water pump and disconnect the siphon hose. Reattach the original fresh water supply fitting.
- 9) Pour ½ cup of non-toxic, RV antifreeze down each drain (kitchen sink, bathroom sink and shower drain).

10) Open one low point drain valve on the white water line for water heater recirculation.

Locations of Low Point Drain Valves



Plateau XL MB – Driver side of center behind the rear bumper.

Plateau XLTD - Above the floor behind the water heater.

Optional winterizing for milder climates (Truma Water Heater)

Follow steps above #1-6

7) Open all three low point drain valves in the locations listed above.

8) Connect a blowout valve to the city water inlet. Connect an compressed air source.

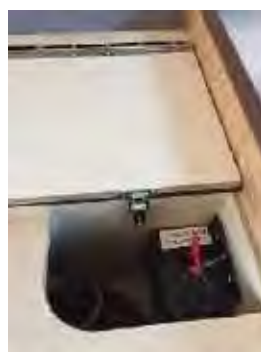
9) Open each tap (bathroom, kitchen exterior shower and toilet): both hot and cold. Allow the air to blow the remaining water out of the taps and valves. Fully drain the system. Leave all taps, toilet valve and drain valves in an open position.

10) Pour ½ cup of non-toxic, RV antifreeze down each drain.

Electrical

1) **Fully charge your engine starting and coach batteries.**

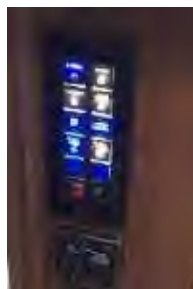
2) **Turn off the charge line red key disconnect switch.**



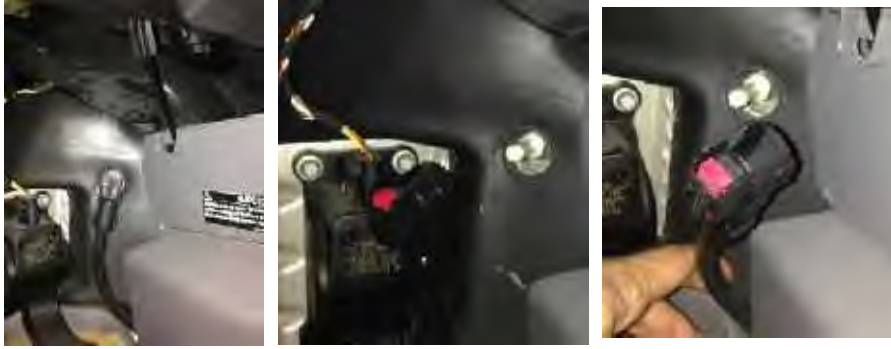
Plateau XL MB – Behind the power sofa, next to the front arm rest.

Plateau XLTD - Below the passenger side bed cushion, next to the battery box.

3) **Turn off the battery disconnect on the entrance end panel.**



- 4) On the Mercedes Sprinter chassis you can disconnect the engine starting battery by removing the battery cable from the post next to the accelerator pedal.



- It is recommended that you start and run your vehicle for a short period of time each month.
- It is recommended that you start and run your generator under load for at least a ½ hour per month.
- It is recommended that the fridge door be left slightly open to allow air to circulate through the fridge cabinet during a storage period.
- It is recommended that the vehicle be driven or moved forward or backward, if possible, to avoid flat spotting of the vehicle tires.

WINTER USE

We recommend that the water system not be used when the outside temperature drops below the freezing point. You should ensure that your unit is completely winterized by that time. If it is necessary to use the water system, we suggest that you bring containers of fresh water with you and add non-toxic, RV antifreeze to the gray and black water holding tanks. NOTE: Keep in mind that as you add more water to the holding tanks the antifreeze will dilute beyond the recommended amount and may start to freeze earlier at cold temperatures. Do not use the exterior shower.

LOW POINT DRAIN VALVE (Two on the Girard and Three on the Truma water system)

The low point drains are located under the rear bumper close to the driver side hitch plate. These Low point drains will allow you to drain your water line system.



Plateau XL MB – Driver side of center behind the rear bumper.

Plateau XLTD - Above the floor behind the water heater.

LIVING AREA ELECTRICAL SYSTEM

The motorhome living area electrical system is designed for convenience. It is capable of supplying the vehicle with at least two sources of power, 12 volt DC power and 110-120 volt AC power.

The 12 volt auxiliary battery supplies power to the interior components (except the roof air conditioner and fridge while set on AC) for short-term use. The 12 volt or DC, supplies an AC 110-120 volt current to the interior plugs outlets, the entertainment centers and the microwave through the 2000 watt pure sine wave inverter.

The auxiliary coach battery is charged when the chassis engine is running and the red key disconnect is in the ON position or when you are connected to a 110-120 volt power source (shore power or generator) with the battery switch in the ON position. Your vehicle may also be equipped with solar panels. These solar panels will charge the auxiliary coach battery if the red key disconnect is in the ON position.

For long term use, your vehicle may be powered by plugging into a 110-120 volt external power source with the supplied 25 foot power cable. The 25 foot power cable supplied with your coach must be connected and locked to your coach and then to a 110 - 120 volt power source (a 30 amp outlet is recommended). This will supply 110-120 volt power throughout the interior and supply power through a power converter to all 12 volt components. Do not run the air conditioner unless you are plugged into a minimum 20 amp power source.

NOTE: *Connect and lock the power cord to your coach first and then the external power source.*

Your motorhome is equipped with a 110 – 120 /12 volt 45 amp power converter/ charger. The charging portion of the converter is specific to the lithium ion batteries. The converter's function is to take part of the 110 -120 volt current, that is received when the unit is plugged into an external power source or the generator is running, and convert it to DC or 12 volt power.

Your motorhome is also equipped with a 2000 watt pure sine wave inverter. The pure sine wave inverter takes the 12 volt or DC power from your batteries and inverts it up to 110-120 volt AC power. The inverter will enable you to use your 110-120 volt plug outlets, entertainment center and microwave oven when a shore power source or generator source is unavailable. This power source will be limited by the state of charge of your batteries and by the amount of current drawn by each appliance. The inverter has a built in transfer switch that allows the 110-120 volt power to bypass the inverter and power the 110-120 volt plug outlets, entertainment center and microwave directly, when the motorhome is plugged into a shore power source or running on the generator.

Note: *All dash components including the in-dash radio and front map lights are powered through the starting battery or (chassis) battery. Prolonged use of these items when the vehicle is not running will deplete the engine starting battery.*

12 volt or DC Equipment	110 -120 volt or AC Equipment
Pure Sine Inverter	Entertainment center when on a generator or shore power source
Refrigerator when on LP gas or DC	Refrigerator on AC
Interior & Exterior Coach Lights	Microwave/Convection Oven when on a generator or shore power source
Antenna Booster	Air Conditioner
Water Pump	110 volt Plugs when on a generator or shore power source
Water Heater	110 /12 volt Power Converter
LP gas & CO Alarms	
Generator Start Switch	
Furnace	
Power Sofa	
Fantastic Fan	
Awning	
Power step	
Monitor Panel	
Water heater	
Exterior Blu-Ray player	

AC ELECTRICAL DISTRIBUTION PANEL

The Pleasure-Way Plateau XL is equipped with AC distribution panel that houses the breakers for the 110-120 volt system. The distribution panel is located on the passenger side under the entertainment center. The breakers act like a household breaker; you must insure the breaker is shut all the way off before you can reset the breaker.



- 1) 20 Amp Inverter Input
- 2) 20 Amp Air Conditioner
- 3) 15 Amp Converter
- 4) 15 Amp Fridge **GFCI Protected**
- 5) 30 Amp Shore Power
- 6) 20 Amp Inverter Output
- 7) 15 Amp Microwave/Convection Oven **GFCI Protected**
- 8) 15 Amp All Receptacles **GFCI Protected**

Note: Check the GFCI for the individual appliance or plug outlets if the appliance is not operational.

GFCI OUTLETS

A ground fault circuit interrupter (GFCI) 110-120 volt receptacle, located just below the kitchen galley countertop, provides protection against line-to-ground electrical shock hazards that could be harmful or even fatal. The outlets that are on this circuit are the exterior, galley, bathroom, seat and work space receptacles. These receptacles are to be tested at least once a month in accordance with the manufacturer's instructions.



There are separate GFCI plug and pass through interrupters for the fridge and microwave located in the closet on the XLMB and in the cabinet above the Blu-Ray player in the XLTD.



The circuits must be powered to test or reset the GFCI .

12 VOLT DC BREAKERS AND DC LOAD CENTER

This load center is located in the cabinet below the TV, on the passenger side (XLMB), or below the passenger seat cushion (XLTD). This DC load center controls all the multiplex wiring systems and switch panels. This load center also has resettable breakers for the various components.





DC Breakers for the Converter and Generator

These breakers are located in the cabinet above the furnace, under the entertainment center drawer (XLMB) or below the passenger side bed (XLTD).

The battery disconnect breaker will disconnect battery input to the multiplex wiring control center.

The generator breaker disrupts the battery feed to the generator for the generator starter and generator fuel pump.



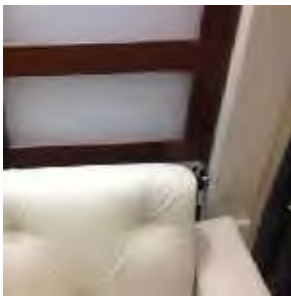
12 VOLT BATTERY DISCONNECT SWITCH & CHARGE LINE DISCONNECT

There is 12 volt battery disconnect switch located by the main entrance door in the switch control panel. This switch will stop all 12 volt power supplied to your coach from the auxiliary batteries. The disconnect switch will have to be in the ON position in order to charge your battery from the converter. If your vehicle is going to be parked for longer than a 48 hour period, turn this switch to the OFF position as the CO and the LP detector are hard wired into the coach battery and will eventually drain the battery.



Charge Line Disconnect for Shipping, Storage and Freezing Conditions.

The charge line disconnect switch is located behind the power sofa on the right hand side (XLMB) or under the passenger side seat cushion (XLTD). This charge line disconnect switch will not allow the batteries to charge from the alternator or solar panels. This battery disconnect can be used during battery servicing. It is off when the red key can be removed from the switch.



CONVERTER AND OUPUT FUSE

The converter is located below the drawer under the closet (XLMB) or below the DC breaker panel (XLTD). There are two 30 amp blade fuses on the converter.



AUTOMATIC TRANSFER SWITCH

The automatic transfer switch is located behind the kitchen's lowest drawer (XLMB) or below the DC breaker panel (XLTD). To access the transfer switch you must remove the lower drawer by releasing the slide locks on each side (XLMB) or remove the breaker panel screws and left hand cover panel (XLTD).

The automatic transfer switch will only allow your coach to get power from one source; either the generator or the shore power cord. This is a safety feature of this vehicle.



2000 Watt TRUE SINE WAVE INVERTER

The true sine wave inverter is located below the kitchen's lowest drawer (XLMB), or below the rear center night stand drawer. Remove the drawer to access the inverter (XLTD). This inverter provides inverted 12 volt DC power to 110-120 volt AC power for the microwave, entertainment center and all AC outlets in and outside the coach. The inverter will be limited by the state of charge of the coach batteries and amperage draw from individual appliances. Ensure all venting for the inverter is kept clear of blockage.

The true sine wave inverter has an automatic transfer switch built into it so that if you are on shore power or generator power it bypasses the inverter. The inverter will draw .6 amps of DC power if it is turned on and no load is being drawn from the inverter. If no load is on the inverter it will turn itself off after 25 hours of continual operation.



INVERTER DISPLAY/ CONTROL PANEL

- **NOTE:** This control panel will turn the inverter on or off. The battery switch or charge line disconnect switch do not turn the inverter on or off. Always insure the inverter is in the off position when not in use. The inverter can draw .6 amps from your battery if left in the on position while not in use.
- **NOTE:** To turn the inverter on or off you must press and hold the power button on the inverter control panel for at least 1 second.



Invert Battery Voltage Displayed



Amperage Draw



Current Output in KW

Freedom Inverter Operation

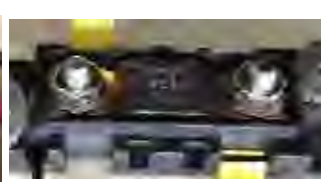
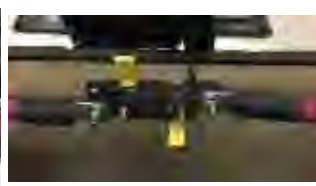
Display Panel Operation

The Freedom Xi features a display panel with three-digit LED display to show inverter, AC source, and battery status information.

See NOTE in Feature # 4.

Feature	Description
1	Inverter Power button - Press and hold for one second to turn the Freedom Xi's inverter operation ON or OFF (when AC Shore Power is NOT present). - Press and hold for five seconds to adjust feature settings. Go back to page 8 for instructions.
2	Three-digit LED display screen shows status information and detected fault codes. Upon startup, the screen shows the display board (U.LD) and main board (P.LD) firmware versions.
3	Status LED Indicates the mode of operation with a three-color LED. Green pertains to Utility status. - Solid indicates the Freedom Xi is in shore power mode. Yellow pertains to Battery status. - Solid indicates the Freedom Xi is in inverter operation and using the battery to provide AC power. - Flashing indicates the Freedom Xi is in inverter operation but AC shore power is detected thus transferring to shore power mode within 20 seconds. Red indicates that an Error condition has been detected and the Freedom Xi has shut down. See "Troubleshooting Reference" on page 26.
4	Select button During inverter operation, press the button to choose what appears in the three-digit LED display: Battery Voltage, Battery Current, or Output Power. See "To change the inverter mode settings:" on page 8.

- **PLEASE REFER TO THE INVERTER OPERATION MANUAL FOR FURTHER INSTRUCTIONS.**



The inverter is powered by the large red wires in the battery compartment. There is also a 250 amp mega-fuse in the system to protect the inverter and the coach.

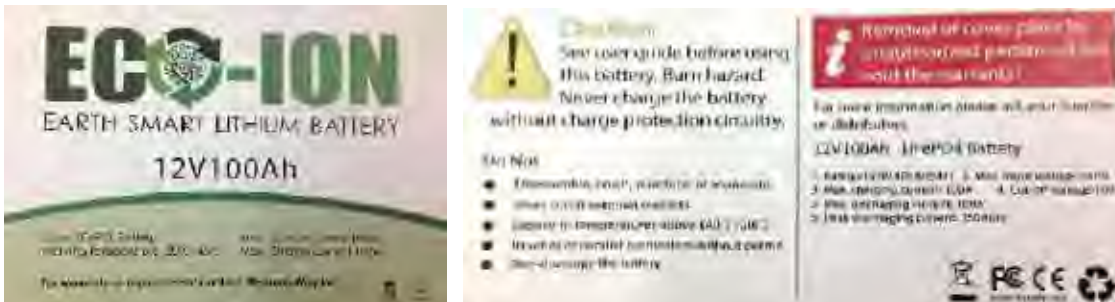
Coach Batteries

Lithium Batteries and Charging System

Your vehicle is equipped with two Lithium Ion Batteries and a special Converter with a built in Lithium Charge control.

Battery Type: Eco-Ion (LiFePO4) 12 Volt 100 Ah

***WARNING:** The OEM batteries can only be replaced with identical Lithium Ion type batteries. The charging system is set up for Lithium Ion cells. Replacing the Lithium Ion batteries with a Lead Acid, Gel, AGM, Etc. battery may result in damage to the vehicle, coach, batteries and electrical system. These damages may result in a thermal incident such as fire, electrical short, melting, off gassing, etc.



***WARNING:** Do not charge your batteries below 32 degrees F or 0 degrees C. When placing your vehicle into storage always ensure your batteries are fully charged and the battery disconnect switch is in the OFF position. Your vehicle may also be equipped with a charge line disconnect from the vehicle alternator.

The batteries are located under the power sofa (XLMB). Access to the batteries is by removing the drawers.

- 1) Remove the drawers by depressing the black levers on each side of the drawer track and slide the drawer out of the opening.
- 2) Turn the thumb latches and lower the door.

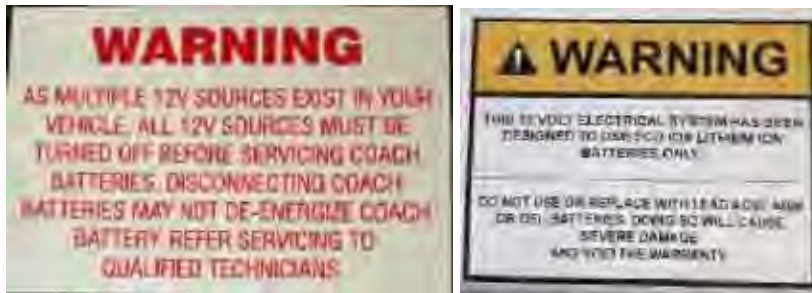


The batteries are located under the passenger side bed (XLTD). Remove the seat cushion to access the batteries.



- **Warning:** Do not work on the batteries with the vehicle running, generator running or the vehicle plugged into shore power. Ensure the charge line disconnect is off.

For all batteries note the warning symbols.



All coach batteries are fused with 150 amp fuses for the protection of your coach and the battery system. These fuses are located in the battery area and at the charging source.



Converter: Progressive Dynamics PD 9145 AL with charger

This converter is only to be used with the Lithium Ion Batteries. The Lithium Ion batteries charge at a high amperage rate, the converter is designed for this purpose.



- **Warning:** Do not work on the converter with the vehicle running, generator running or the vehicle plugged into shore power. Ensure the charge line disconnect is off.

To extend the life of your Lithium Ion batteries it is recommend that the batteries be fully charged and kept above freezing temperatures when in storage. This may involve removing the Lithium Ion batteries from the coach and storing them in temperatures above freezing during winter.

NOTE: Please see the battery manufacturer's instructions for detailed maintenance recommendations.

Chassis Battery

The engine starting battery is located below the driver's foot board in the cab area of the vehicle. The engine starting battery and the coach battery are separated by the Mercedes battery control system located under the driver seat.

NOTE: The chassis battery is only charged through the alternator when the motor is running. The converter will not charge the engine starting battery. Please refer to the Mercedes Sprinter manual for maintaining and storing the batteries.

Mercedes Battery Disconnect

This disconnect is located next to the gas pedal in the driver cabin.



EXTERNAL POWER

The 25 foot, 30 amp power cord is provided with your Pleasure-Way motorhome. In order to activate all power circuits, connect and lock the power cord to your coach in the driver side utility compartment and plug it into an adequate 110 volt power source. The connector is rated for 30 amp capacity.

NOTE: The male end of the power cord is a 30 amp style plug, therefore you may require an adapter to convert the plug into the 110-120 volt style plug or a 50 amp style plug.



***Ensure the power source for your vehicle is a 110-120 volt power source. A higher voltage or lower voltage outlet could do damage to your coach.**

MONITOR PANEL AREA

There is a monitor panel located on the kitchen upper cabinet end panel (XLMB) or above the fridge (XLTD). Press the home button on the rear panel. Located on this panel are the gages for the (1) Fresh Water (2) Grey Water (3) Black Water, (4) LP gas (5) generator hours (6) coach battery charge level.



GENERATOR

If your unit is equipped with a generator, it will be located on the driver side. Access to the generator is through the exterior non-locking middle compartment door. There is no access to the generator through the interior of the coach. This prevents exhaust gases from seeping into the living compartment. The generator will provide an added source of power to run the electrical system when you are not plugged into a 110 volt power source.



Starting the Generator:

- 1) Turn on the red disconnect switch.
- 2) Turn on the LP switch in the utility center.
- 3) Press the generator start switch on the rear switch panel or on the entrance switch panel.
- 4) The hour meter for your generator is located on the rear switch panel above the generator stop switch.



NOTE: It may take a few seconds initially for the generator to start. Your generator draws its gas supply from the LP tank and air may have to be purged from the line. Once the generator is running, it supplies power to the entire electrical system, just as if your unit was plugged into a 110 volt power source. You will have to balance your electrical consumption as you have a limited number of watts/amps available.

NOTE: Please refer to the generator's manufacturer's operating manual for complete operating instructions and maintenance procedures.

NOTE: If your unit is equipped with a generator, it is essential that you run your generator at least ½ hour a month under load (microwave, AC, coffee maker, etc.) to keep the generator maintained and lubricated.

NOTE: For your safety and protection, all generator or generator-ready units are equipped with an automatic transfer switch that will allow your coach to receive power from either shore power or your generator.

MOTORHOME INTERIOR

INTERIOR COCKPIT MAP LIGHT

Please follow the vehicle manufactures instructions for operating procedures. This light is operated from the engine starting battery and prolonged use will deplete the engine starting ability.



REFRIGERATOR - DOMETIC

Your Dometic refrigerator is designed for 3-way operation, using 110 volt AC, 12 volt DC and LP gas power. When the refrigerator is switched to AC or DC the liquid ammonia mixture is heated by a heating element instead of a burner. The fridge is not set up to run on AC power from the inverter.

When your motorhome is stationary, it should be leveled for your refrigerator to provide the proper cooling. A bubble level should be placed on the freezer shelf to check the refrigerator for levelness. If the refrigerator is not level you may have improper cooling.

NOTE: *Please refer to the Dometic operating manual for complete operating instructions and maintenance procedures.*



MICROWAVE/CONVECTION OVEN (PICTURE ABOVE)

Your Microwave/Convection oven operates off of 110-120 volt AC power only. The inverter is set up to power the oven when shore power or generator power is unavailable.

NOTE: *You will not be able to run your microwave /convection oven at the same time as your roof air if you are running on you generator power.*

Please refer to the manufacturer's operating instructions for maintenance, operation and cooking.

- If the microwave or fridge will not operate on AC power, check the GFCI in the closet (XLMB) or in the cabinet above the fridge (XLTD).

TV AND DVD

Your motorhome is equipped with TV and Blu-ray/ DVD components, you will find these located in the entertainment center. These two components are powered by a 110 volt power source (inverter, shore power or generator).

NOTE: Your Blu-Ray player is a player only as it will not record. To play a CD or MP3 the TV flat screen must be in the on position.

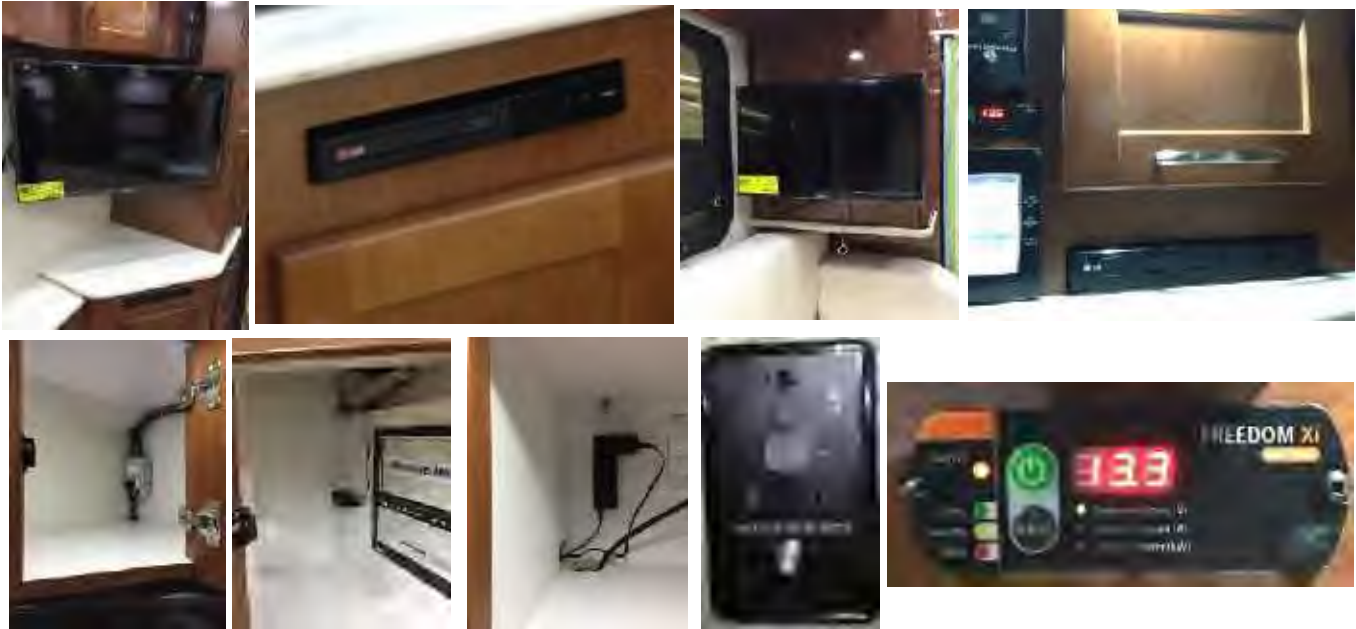
THEATER SYSTEM

BASIC OPERATING PROCEDURE

For the TV, DVD or Antenna additional information can be obtained through the appliance owner manual.

A) COMPONENTS:

- 1) 32" Flat Screen Monitor (XLMB) or 24" Flat Screen Monitor (XLTD)
- 2) Blu-ray /DVD player
- 3) Antenna with booster



B) BASIC TV OPERATION:

TV antenna (rotate the TV antenna for best reception) or hook up to park cable.

12 Volt or DC operation

- 1) Turn the inverter on. Ensure the TV and Blu-ray player are plugged into the wall outlet located above the TV in the cabinet and below the Blu-ray player in the cabinet (XLMB) or into the outlet in the cabinet above the DVD player (XLTD).



- 2) Turn the antenna booster on by pressing the black button on the antenna booster above the TV. Press search.
- 3) Turn the TV on and select DTV-TV using the input button on your TV or remote.
- 4) Using the menu button select - TV, select -Channels, select - Scan Channel. This will bring in all local air channels.
- 5) For Cable TV connect a cable extension cord from the cable hookup in the component compartment to the park cable outlet.
Turn the TV antenna booster off. Follow step (4) for auto programming.
- 6) For Blu-ray operation turn on the Blu-ray player. Using the source button on the TV or TV remote, select HDMI 1. Insert a DVD or Blu-Ray disc allow the disc to load and press play.
 - To save power while watching TV ensure the Blu-ray player is switched off. Only turn your Blu-ray player on when in use.

For 120 Volt Operation

(Generator or Shore Power):

Switch the inverter off. Use the same programming procedures as the 12 volt operation.



Exterior Entertainment Center (see above)(XLMB only)

The TV operates off of the 110-120 volt system. It is plugged into the same outlet as the interior Blu-ray player. The exterior DVD/radio unit is a 12 volt system. This unit will operate independently of the TV for playing all sources. Please be aware that there is no AM antenna attached to this unit. When this unit is not being used ensure the power is switched off on the player. The blue lights from the speakers will turn off with the Blu-ray player.

BED ASSEMBLY

A) XLMB

POWER SOFA

SOFA BED AREA 41" X 67 ½"

1) Power Sofa Operation:

Remove the front and rear sofa arm rest from the retainers.

Extend the power sofa with the sofa slide switch. The slide switch is located on the kitchen upper cabinet switch panel. The left hand switch will extend your power sofa.



For Safety: Pull down the step cover located on the passenger front entrance wall below the fire extinguisher. Ensure the step cover is flipped up and in the stored position when the main entrance door is in the open position. (Picture 3)



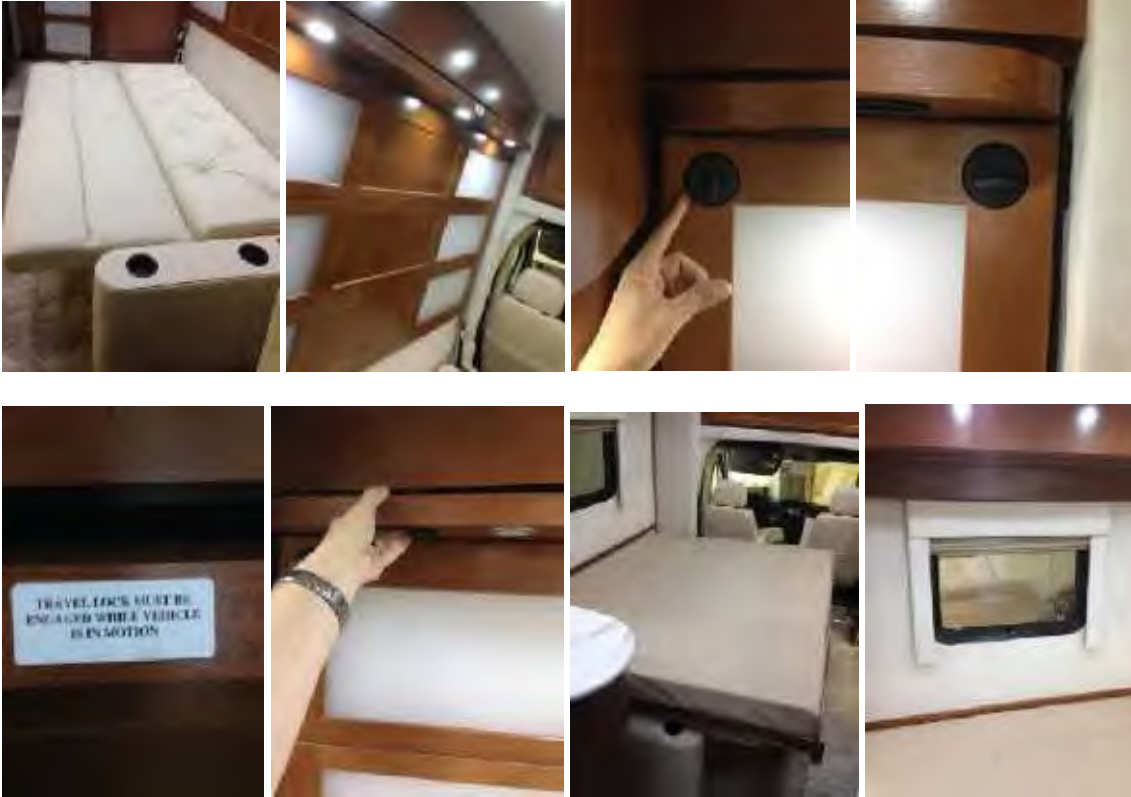
With the step cover in the down position (Picture 1 & 2) it is now safe to pull down your Murphy Bed.

2) Murphy Bed Operation:

(With the power sofa in the extended position and step cover in place)

(Ensure the valance lights have been switched off)

- 1) Unlatch the dead bolt locks from the top corners of the wall platform.
- 2) Step to the front of the seating area of the sofa and begin to pull the Murphy bed out toward the passenger side of the vehicle. (The murphy bed is supported by struts to assist this process.)
- 3) Bring the Murphy bed down to the full layout position.



- **Note: Always ensure that the Murphy bed is in the wall storage position and the dead bolt locks are engaged when the vehicle is in motion.**

B) XLTD

With the XLTD you have two options for bed set up. You can keep the bed set up as two 29" wide X 74" long single beds. The second option is to complete the full sized bed set up by using the bed support boards located under the passenger side bed and filling in the center portion between the bed with the side bed back rests. This bed will be 74" X 86".



1) Single or Twin bed 29" X 74"

Remove the backrest and arm rest cushions from each side is a single bed. Both the driver side and passenger side single bed are the same size.



2) Full Sized Bed 74" X 86"

- a. Remove the back rest cushions, night stand cushion and arm rest cushions from the bed area.
- b. Remove the bed boards from under the passenger side single bed.
- c. Place the first bed board on the maple rails between the benches, centered on the bed cushion.
- d. Place the first set of backrest cushions on the night stand and on the first bed board. The cushions should be against the back wall of the vehicle.
- e. Place the second bed board at the forward edge of the maple rails.
- f. Place the second set of back rest cushions tight to the first set of backrest cushions, so that they rest on the first and the second bed board.
- g. Store the night stand cushion and armrest cushions.

A)



B)



C)



D)



E)



F)



Entrance Shoe Storage: (33" wide X 73/4" deep X 10" high)

Located inside the vehicle on the entrance step kick.

- 1) Pull the black elastic loops on each side allowing the kick to swing out and lay flat on the entrance step.
- 2) To close the compartment lift the top edge of the kick into the stair nose of the main floor. Press the lower section against the lower compartment ledge.

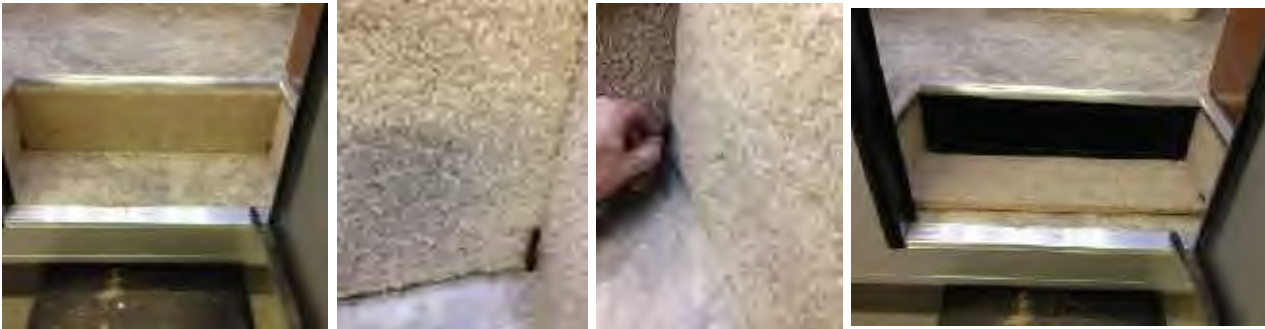


TABLE SET UP AND STORAGE

XLMB

Your table is stored in the closet next to the entertainment center.

Your table leg is stored inside the closet, snapped into the mounting C clips on the left hand side.

Your tripod table base is stored in the drawer below the closet. The tripod table base will allow you to place your table in your chosen position either inside or outside of the motorhome.

- 1) Open the tripod table base.
- 2) Insert the table pole into the tripod base.
- 3) Place the table top post reliever onto the table post.



XLTD



- 1) Remove the table from under the driver side rear bench.
- 2) Remove table leg from the front closet.
- 3) Insert the T end of the table pole into the table base located between the two benches.
- 4) Turn the table pole clockwise until it is tight and locked into place.
- 5) Press the table down onto the table pole.

ROOF VENT/FANTASTIC FAN

Located on the ceiling in front of the bathroom door.

This is an exhaust fan.



Please refer to your Fantastic Fan manual for more information.

AIR CONDITIONER (Dometic 11,000 BTU energy efficient)

The air conditioner is controlled by the Dometic digital thermostat located above the entertainment center.



CAREFREE 12 FOOT ELECTRIC AWNING

The awning switch is located below the entrance switch panel on the left side of the main entrance door. This switch will extend and retract the awning.

Ensure that in windy conditions or while the vehicle is in motion that this awning is fully retracted. Ensure that the awning power switch is off when the vehicle is in motion. The awning has a wind sensor, ensure the awning power switch is left on when the awning is extended.

LED lighting is on the lead edge of your awning. This lighting is controlled by the lower switch below the entrance switch panel.



ELECTRIC ENTRANCE STEP

Turn the battery switch to the ON position (located on the entrance switch panel). Turn the step switch to Auto. This allows the step to extend and retract each time the screen door is opened or closed (there are magnetic contacts on the screen door and door frame). To lock the step in the OUT position switch the step to OUT.



Note: Ensure the the step is retracted when the vehicle is in motion.

SOLAR PANEL

Your vehicle is equipped with a 95 - 475 watt Carmanah solar panel package on the roof (this will vary by floor plan). The solar panel is controlled by charge control system located beside the main entrance door. This control shows battery voltage, charge, and solar amps. To scroll through the modes press the B button. The solar charge control should be set to AGM batteries as this is the closest charge cycle to the lithium charge system.



Shown with three panels 285 watts



Display panel next to the main entrance door



(Battery Voltage)

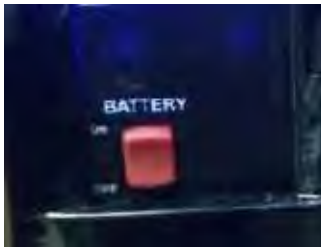


(Battery Charge condition)

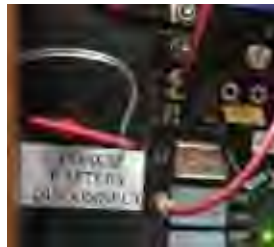


(Solar Charge Rate)

- 1) The solar panels will charge the coach batteries even when the battery disconnect is in the OFF position.
- 2) To prevent the solar panels from charging coach batteries you must turn off the charge line disconnect switch.



(1)



(2)

Ensure the solar panels are clean for optimal charging output.

To ensure you solar panels are not active when servicing the batteries it is advised to turn off the charge line disconnect.

Turn off the charge line disconnect if the vehicle is going to be in storage for a period of time.

Turn off the charge line disconnect if the vehicle is going to be in sustained freezing conditions, without internal heat.

PLATEAU XL FEATURES

Features	Standard
Dometic three way AC/DC/LP Gas Fridge /Freezer	X
Dometic 11,000 BTU Rooftop Air Conditioner	X
Dometic/Smev Two Burner Glass Cook Top	X
Atwood 16,000 BTU Auto Ignition Furnace	X
GIRARD or TRUMA On Demand Water Heater	X
Progressive Dynamics 45 Amp Converter/Lithium Charger	X
Progressive Dynamics AC Distribution Panel	X
Progressive Dynamics 5100 Series Automatic Transfer Switch	X
Sure-Flo Demand Water System	X
Corian and Glass shower Enclosure	X
Dometic Ceramic Foot Flush Toilet	X
CO/LP Gas Detector, Smoke Detector, Fire Extinguisher	X
Carefree 12' Power Awning	X
Convection/ Microwave Oven	X
Lithium Ion Batteries for the Coach	X
32" or 24" LED TV with Blu-ray Player featuring WIFI	X
Electric Side Entrance Step	X
Multiplex Wiring and Switch System	X
2000 Watt True Sine Wave Inverter	X
Probe-less Tank Monitor Panel System	X
LED Interior Lighting, LED Porch Light	X
Ultra Leather Fabric	X
In-Dash Navigation, Blue tooth Stereo System and Backup Camera	X
Atwood Screen Door	X
Single Lever Faucets	X
Full Sized Bed 86" X 74" or Twin Single Beds 29" X 74"	XLTD
60"X74" Queen Sized Murphy Bed	XLMB
Power Sofa bed area 41" X 67 ½"	XLMB
Maple Doors and Moldings	X
Corian Counter Tops and Back Splashes	X
Vinyl Flooring	X
2.5 KW Onan Generator	X
Fantastic Exhaust Fan	X
Full Body Paint	X
Large Front Over Cabin Storage Cabinet	X

NOTE: Pleasure-Way Ind. Ltd. reserves the right to make product changes at any time without prior notice or obligation.

** The bed area measurements may vary, due to components inside the vehicle.*

[Index](#) / [NHTSA homepage](#)

TIRE SAFETY

Everything Rides On It

Studies of tire safety show that maintaining proper tire pressure, observing tire and vehicle load limits (not carrying more weight in your vehicle than your tires or vehicle can safely handle), avoiding road hazards, and inspecting tires for cuts, slashes, and other irregularities are the most important things you can do to avoid tire failure, such as tread separation or blowout and flat tires. These actions, along with other care and maintenance activities, can also:

- Improve vehicle handling
- Help protect you and others from avoidable breakdowns and accidents
- Improve fuel economy
- Increase the life of your tires.

This booklet presents a comprehensive overview of tire safety, including information on the following topics:

- Basic tire maintenance
- Uniform Tire Quality Grading System
- Fundamental characteristics of tires
- Tire safety tips.

Use this information to make tire safety a regular part of your vehicle maintenance routine. Recognize that the time you spend is minimal compared with the inconvenience and safety consequences of a flat tire or other tire failure.

Safety First—Basic Tire Maintenance

Properly maintained tires improve the steering, stopping, traction, and load-carrying capability of your vehicle. Underinflated tires and overloaded vehicles are a major cause of tire failure. Therefore, as mentioned above, to avoid flat tires and other types of tire failure, you should maintain proper tire pressure, observe tire and vehicle load limits, avoid road hazards, and regularly inspect your tires.

Finding Your Vehicle's Recommended Tire Pressure and Load Limits

Tire information placards and vehicle certification labels contain information on tires and load limits. These labels indicate the vehicle manufacturer's information including:

- Recommended tire size
- Recommended tire inflation pressure
- Vehicle capacity weight (VCW—the maximum occupant and cargo weight a vehicle is designed to carry)
- Front and rear gross axle weight ratings (GAWR—the maximum weight the axle systems are designed to carry).

Both placards and certification labels are permanently attached to the vehicle door edge, door post, glove-box door, or inside of the trunk lid. You can also find the recommended tire pressure and load limit for your vehicle in the vehicle owner's manual.

Understanding Tire Pressure and Load Limits

Tire inflation pressure is the level of air in the tire that provides it with load-carrying capacity and affects the overall performance of the vehicle. The tire inflation pressure is a number that indicates the amount of air pressure—measured in pounds per square inch (psi)—a tire requires to be properly inflated. (You will also find this number on the vehicle information placard expressed in kilopascals (kPa), which is the metric measure used internationally.)

Manufacturers of passenger vehicles and light trucks determine this number based on the vehicle's design load limit, that is, the greatest amount of weight a vehicle can safely carry and the vehicle's tire size. The proper tire pressure for your vehicle is referred to as the "recommended cold inflation pressure." (As you will read below, it is difficult to obtain the recommended tire pressure if your tires are not cold.)

Because tires are designed to be used on more than one type of vehicle, tire manufacturers list the "maximum permissible inflation pressure" on the tire sidewall. This number is the greatest amount of air pressure that should ever be put in the tire under normal driving conditions.



Checking Tire Pressure

It is important to check your vehicle's tire pressure at least once a month for the following reasons:

- Most tires may naturally lose air over time.

- Tires can lose air suddenly if you drive over a pothole or other object or if you strike the curb when parking.
- With radial tires, it is usually not possible to determine underinflation by visual inspection.

For convenience, purchase a tire pressure gauge to keep in your vehicle. Gauges can be purchased at tire dealerships, auto supply stores, and other retail outlets.

The recommended tire inflation pressure that vehicle manufacturers provide reflects the proper psi when a tire is cold. The term cold does not relate to the outside temperature. Rather, a cold tire is one that has not been driven on for at least three hours. When you drive, your tires get warmer, causing the air pressure within them to increase. Therefore, to get an accurate tire pressure reading, you must measure tire pressure when the tires are cold or compensate for the extra pressure in warm tires.

Steps for Maintaining Proper Tire Pressure

- Step 1: Locate the recommended tire pressure on the vehicle's tire information placard, certification label, or in the owner's manual.
- Step 2: Record the tire pressure of all tires.
- Step 3: If the tire pressure is too high in any of the tires, slowly release air by gently pressing on the tire valve stem with the edge of your tire gauge until you get to the correct pressure.
- Step 4: If the tire pressure is too low, note the difference between the measured tire pressure and the correct tire pressure. These "missing" pounds of pressure are what you will need to add.
- Step 5: At a service station, add the missing pounds of air pressure to each tire that is underinflated.
- Step 6: Check all the tires to make sure they have the same air pressure (except in cases in which the front and rear tires are supposed to have different amounts of pressure).



If you have been driving your vehicle and think that a tire is underinflated, fill it to the recommended cold inflation pressure indicated on your vehicle's tire information placard or certification label. While your tire may still be slightly underinflated due to the extra pounds of pressure in the warm tire, it is safer to drive with air pressure that is slightly lower than the vehicle manufacturer's recommended cold inflation pressure than to drive with a significantly underinflated tire. Since this is a temporary fix, don't forget to recheck and adjust the tire's pressure when you can obtain a cold reading.

Tire Size

To maintain tire safety, purchase new tires that are the same size as the vehicle's original tires or another size recommended by the manufacturer. Look at the tire information placard, the owner's manual, or the sidewall of

the tire you are replacing to find this information. If you have any doubt about the correct size to choose, consult with the tire dealer.

Tire Tread

The tire tread provides the gripping action and traction that prevent your vehicle from slipping or sliding, especially when the road is wet or icy. In general, tires are not safe and should be replaced when the tread is worn down to 1/16 of an inch. Tires have built-in treadwear indicators that let you know when it is time to replace your tires. These indicators are raised sections spaced intermittently in the bottom of the tread grooves. When they appear "even" with the outside of the tread, it is time to replace your tires. Another method for checking tread depth is to place a penny in the tread with Lincoln's head upside down and facing you. If you can see the top of Lincoln's head, you are ready for new tires.

Tire Balance and Wheel Alignment

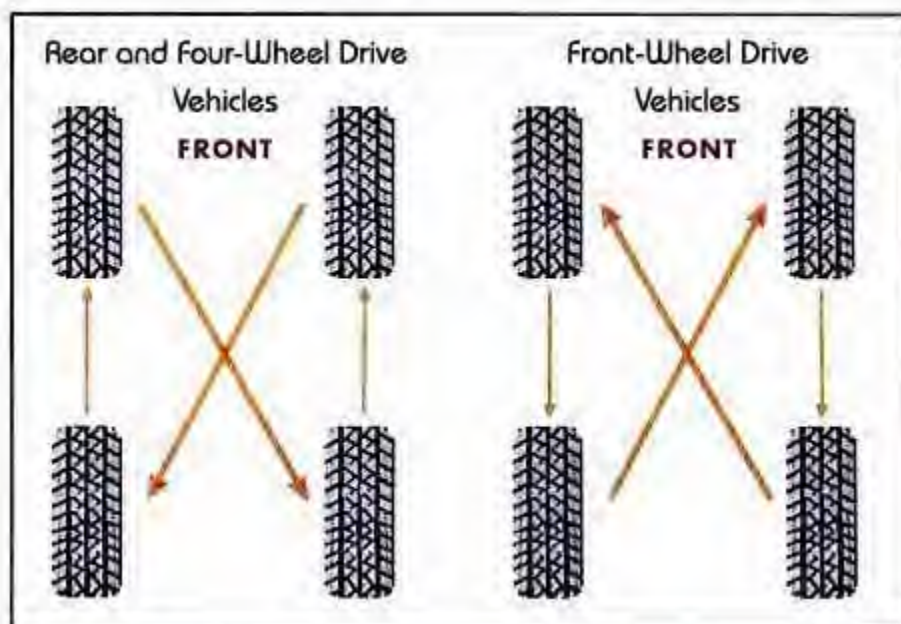
To avoid vibration or shaking of the vehicle when a tire rotates, the tire must be properly balanced. This balance is achieved by positioning weights on the wheel to counterbalance heavy spots on the wheel-and-tire assembly. A wheel alignment adjusts the angles of the wheels so that they are positioned correctly relative to the vehicle's frame. This adjustment maximizes the life of your tires and prevents your car from veering to the right or left when driving on a straight, level road. These adjustments require special equipment and should be performed by a qualified technician.

Tire Rotation

Rotating tires from front to back and from side to side can reduce irregular wear (for vehicles that have tires that are all the same size). Look in your owner's manual for information on how frequently the tires on your vehicle should be rotated and the best pattern for rotation.

A Tire Rotation Example

For maximum mileage, rotate your tires every 5,000 miles. Follow correct rotation patterns.



Tire Repair

The proper repair of a punctured tire requires a plug for the hole and a patch for the area inside the tire that surrounds the puncture hole. Punctures through the tread can be repaired if they are not too large, but punctures to the sidewall should not be repaired. Tires must be removed from the rim to be properly inspected before being plugged and patched.

Uniform Tire Quality Grading System (UTQGS)

To help consumers compare a passenger car tire's treadwear rate, traction performance, and temperature resistance, the federal government requires tire manufacturers to grade tires in these three areas. This grading system, known as the Uniform Tire Quality Grading System, provides guidelines for making relative comparisons when purchasing new tires. You also can use this information to inquire about the quality of tires placed on new vehicles.

Although this rating system is very helpful when buying new tires, it is not a safety rating or guarantee of how well a tire will perform or how long it will last. Other factors such as personal driving style, type of car, quality of the roads, and tire maintenance habits have a significant influence on your tire's performance and longevity.

Treadwear grades are an indication of a tire's relative wear rate. The higher the treadwear number is, the longer it should take for the tread to wear down. For example, a tire grade of 400 should wear twice as long as a tire grade of 200.

Traction grades are an indication of a tire's ability to stop on wet pavement. A higher graded tire should allow you to stop your car on wet roads in a shorter distance than a tire with a lower grade. Traction is graded from highest to lowest as "AA", "A", "B", and "C".

Temperature grades are an indication of a tire's resistance to heat. Sustained high temperature (for example, driving long distances in hot weather), can cause a tire to deteriorate, leading to blowouts and tread separation. From highest to lowest, a tire's resistance to heat is graded as "A", "B", or "C".

Tire Fundamentals

Federal law requires tire manufacturers to place standardized information on the sidewall of all tires. This information identifies and describes the fundamental characteristics of the tire and also provides a tire identification number for safety standard certification and in case of a recall.

Information on Passenger Vehicle Tires

Please refer to the diagram below.



d

P

The "P" indicates the tire is for passenger vehicles.

Next number

This three-digit number gives the width in millimeters of the tire from sidewall edge to sidewall edge. In general, the larger the number, the wider the tire.

Next number

This two-digit number, known as the aspect ratio, gives the tire's ratio of height to width. Numbers of 70 or lower indicate a short sidewall for improved steering response and better overall handling on dry pavement.

R

The "R" stands for radial. Radial ply construction of tires has been the industry standard for the past 20 years.

Next number

This two-digit number is the wheel or rim diameter in inches. If you change your wheel size, you will have to purchase new tires to match the new wheel diameter.

Next number

This two- or three-digit number is the tire's load index. It is a measurement of how much weight each tire can support. You may find this information in your owner's manual. If not, contact a local tire dealer. Note: You may not find this information on all tires because it is not required by law.

M+S

The "M+S" or "M/S" indicates that the tire has some mud and snow capability. Most radial tires have these markings; hence, they have some mud and snow capability.

Speed Rating

The speed rating denotes the speed at which a tire is designed to be driven for extended periods of time. The

ratings range from 99 miles per hour (mph) to 186 mph. These ratings are listed below. Note: You may not find this information on all tires because it is not required by law.

Letter Rating	Speed Rating
Q	99 mph
R	106 mph
S	112 mph
T	118 mph
U	124 mph
H	130 mph
V	149 mph
W	168* mph
Y	186* mph

* For tires with a maximum speed capability over 149 mph, tire manufacturers sometimes use the letters ZR. For those with a maximum speed capability over 186 mph, tire manufacturers always use the letters ZR.

U.S. DOT Tire Identification Number

This begins with the letters "DOT" and indicates that the tire meets all federal standards. The next two numbers or letters are the plant code where it was manufactured, and the last four numbers represent the week and year the tire was built. For example, the numbers 3197 means the 31st week of 1997. The other numbers are marketing codes used at the manufacturer's discretion. This information is used to contact consumers if a tire defect requires a recall.

Tire Ply Composition and Materials Used

The number of plies indicates the number of layers of rubber-coated fabric in the tire. In general, the greater the number of plies, the more weight a tire can support. Tire manufacturers also must indicate the materials in the tire, which include steel, nylon, polyester, and others.

Maximum Load Rating

This number indicates the maximum load in kilograms and pounds that can be carried by the tire.

Maximum Permissible Inflation Pressure

This number is the greatest amount of air pressure that should ever be put in the tire under normal driving conditions.

UTQGS Information

Treadwear Number

This number indicates the tire's wear rate. The higher the treadwear number is, the longer it should take for the tread to wear down. For example, a tire graded 400 should last twice as long as a tire graded 200.

Traction Letter

This letter indicates a tire's ability to stop on wet pavement. A higher graded tire should allow you to stop your car on wet roads in a shorter distance than a tire with a lower grade. Traction is graded from highest to lowest as "AA", "A", "B", and "C".

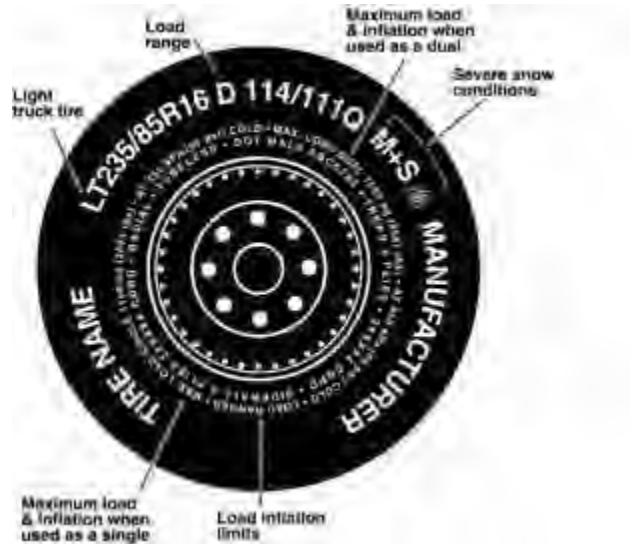
Temperature Letter

This letter indicates a tire's resistance to heat. The temperature grade is for a tire that is inflated properly and not overloaded. Excessive speed, underinflation or excessive loading, either separately or in combination, can cause

heat build-up and possible tire failure. From highest to lowest, a tire's resistance to heat is graded as "A", "B", or "C".

Additional Information on Light Truck Tires

Please refer to diagram below.



d

Tires for light trucks have other markings besides those found on the sidewalls of passenger tires.

LT

The "LT" indicates the tire is for light trucks.

Max. Load Dual kg(lbs) at kPa(psi) Cold

This information indicates the maximum load and tire pressure when the tire is used as a dual, that is, when four tires are put on each rear axle (a total of six or more tires on the vehicle).

Max. Load Single kg(lbs) at kPa(psi) Cold

This information indicates the maximum load and tire pressure when the tire is used as a single.

Load Range

This information identifies the tire's load-carrying capabilities and its inflation limits.

Snow Tires

In some heavy snow areas, local governments may require true snow tires, those with very deeply cut tread. These tires should only be used in pairs or placed on all four wheels. Make sure you purchase snow tires that are the same size and construction type as the other tires on your vehicle.

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TIRE SAFETY

Everything Rides On It

Protection against avoidable breakdowns and crashes. Improved vehicle handling. Better fuel economy. Increased tire life. Just a few of the reasons to take five minutes every month to check your tires. Simply use the handy checklist below, and see the reverse side for more information on tire safety.

Safety Checklist

- Check tire pressure regularly (at least once a month), including the spare.
- Inspect tires for uneven wear patterns on the tread, cracks, foreign objects, or other signs of wear or trauma. Remove bits of glass and other foreign objects wedged in the tread.
- Make sure your tire valves have valve caps.
- Check tire pressure before going on a long trip.
- Do not overload your vehicle. Check the tire information placard or owner's manual for the maximum recommended load for the vehicle.
- If you are towing a trailer, remember that some of the weight of the loaded trailer is transferred to the towing vehicle.

Safety Tips

- Slow down if you have to go over a pothole or other object in the road.
- Do not run over curbs, and try not to strike the curb when parking.

Remember to check your tires once a month!

There's Safety In Numbers

You can find the numbers for recommended tire pressure and vehicle load limit on the tire information placard and in the vehicle owner's manual. Tire placards are permanent labels attached to the vehicle door edge, doorpost, glove-box door, or inside of the trunk lid. Once you've located this information, use it to check your tire pressure and to make sure your vehicle is not overloaded—especially when you head out for vacation.

Checking Tire Pressure

Because tires may naturally lose air over time, it is important to check your tire pressure at least once a month. For convenience, purchase a tire pressure gauge to keep in your vehicle. Gauges can be purchased at tire dealerships, auto supply stores, and other r

etail outlets. Remember, the tire inflation number that vehicle manufacturers provide reflects the proper pounds per square inch (psi) when a tire is cold. To get an accurate tire pressure reading, measure tire pressure when the car has been unused for at least three hours.

Step 1: Locate the correct tire pressure on the tire information placard or in the owner's manual.

Step 2: Record the tire pressure of all tires.

Step 3: If the tire pressure is too high in any of the tires, slowly release air by gently pressing on the tire valve with the edge of your tire gauge until you get to the correct pressure.

Step 4: If the tire pressure is too low, note the difference between the measured tire pressure and the correct tire pressure. These "missing" pounds of pressure are what you will need to add.

Step 5: At a service station, add the missing pounds of air pressure to each tire that is underinflated.

Step 6: Check all the tires to make sure they have the same air pressure (except in cases in which the front and rear tires are supposed to have different amounts of pressure).

Checking Tire Tread

Tires have built-in treadwear indicators that let you know when it is time to replace your tires. These indicators are raised sections spaced intermittently in the bottom of the tread grooves. When they appear even with the outside of the tread, it is time to replace your tires. You can also test your tread with a Lincoln penny. Simply turn the penny so Lincoln's head is pointing down and insert it into the tread. If the tread doesn't cover Lincoln's head, it's time to replace your tires.

For a free brochure visit www.nhtsa.dot.gov or call 1-888-327-4236.



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