

RV Manual



Coachman Leprechaun 31', Ford E450

Table of Contents

Electric Power Source
Generator Power
Master Battery Switch
AC
Water
Lavatory
Propane
Cable
Satellite
Car Radio
TV / DVD Player
Soundbar
Moon roofs
Appliances
Fridge
Toilet & Sinks
Exit switches
Storage
Blinds
Night Sleep Privacy Shades
Converting Dining Table / Bed
Awning
Door Locks
Cabinet Drawers
Door & Bin Latches
Roadside Assistance
Driving Tips
Smoking
Pets
Returning the RV
Comments

City Electric Power Source

- The shoreline hookup is located in a side panel on the exterior center of the RV driver side. The large black cable/plug must be plugged into the park's electric access box. The RV uses 30 amp hookups. A 110v converter is also supplied for limited power use.
- The generator should be off before plugging in cable to hook up to city/park electric power source.
- Circuit Panel is located under the kitchen sink. Extra fuses are onboard in the toolbox. There is also a master circuit switch located directly on the generator to the right side of the unit.



Generator Power

How to start

- 1) Start button – located over the refrigerator
- 2) In the event of a dead generator battery, there is a battery hot swap button (emergency start) which allows you to start the generator from the vehicle battery. It is located to the right of the steering wheel. Start the vehicle, push the button, and then re-try the generator start button. You can then turn off the vehicle.

Note: AC should be off when starting, to minimize power draw on warm-up.

The generator is located in an outside access storage bins behind driver door

The generator battery is located under the entry steps.

Fuel tank level - at $\frac{1}{4}$ tank, fuel supply for generator ends, as a safety feature to prevent you from depleting the RV fuel tank and then not being able to drive to a gas station.

Master Battery Switch

There is a master battery switch for cabin power located at the entrance step. Note: In addition to the generator or city power connection, the master battery switch must be turned on for the AC, refrigerator or radio/CD player to function.



A/C

The Thermostat is located close to the kitchen sink. There is a time delay built in for compressor to kick in. Please turn off when shutting down generator or disconnecting from park electric so that it is off for future startup. Round AC vents are located throughout the cabin so that you can direct the airflow. Heat ducts are located along the bottom of cabinetry.



Water

- The water hookup for city water is located on the exterior, rear driver side of RV. Use the hose supplied with the RV to hook up to a city water source.

-If you are not hooked up to a city water source, the pump (on panel over the refrigerator) needs to be on, for sinks or toilet, to provide water pressure. You also need water in the onboard water tank. This step is not necessary when hose attached to city water source.

-Water level monitor for onboard freshwater tank, is also located on the test panel above the refrigerator. To fill, access the water panel located in the rear exterior bin on the driver side of vehicle. With the hose hooked up and turned on, turn the upper right valve on the water panel, until tank is full.

-Water heater needs to be turned on 5 minutes prior to use. It is propane heated. I recommend turning it off after needed use. On/Off switch located on the test panel. Propane gas level monitor is also located on the test panel above the refrigerator.



Lavatory

Dump – Hoses and dump valves are located in exterior driver side lav storage bin. Cap must be on during transit or risk \$10K fine.

Dump lines may be connected to park facilities when camped, or some parks have a dump station which you must drive up to upon exiting / checking out. You **must** dump before returning RV.

Holding tank levels- can be checked via the water panel over the refrigerator. There are two tanks a) grey water which comes from sink use and b) black water tank which is from toilet.

Dump hoses. Located in the exterior lav bin, have a valve to alternate which tank is dumped. It is recommended to dump black water (larger outlet line) first, then close the valve, and then follow by dumping grey water tank (smaller outlet) last. Valves should remain closed during camping, until you are ready to perform a dump.



Tip: Some rest stop facilities have free dump stations that you can usually be located just before the ramp back onto the highway. Also, many county parks which offer RV camping, will allow you to dump at a pull thru facility for a small charge.

Propane

The propane tank is located in a marked exterior bin on the passenger side of the RV. There is a master shut off valve which is closed during the filling process as a safety measure. If you have no propane flowing to the stove or hot water heater, it may be turned off at the source.

Tank level can be checked on the test panel, located above the sink.



Cable

A park hookup is located on the exterior of the RV on the driver side rear, close to the city water hookup. Once a coaxial cable is attached to the RV and the park cable source, cable TV is available throughout the RV.



Satellite TV Antenna – N/A



Car Radio CD Player

The vehicle radio/CD player is powered independently of the car engine. The master battery switch located by the entry steps, must be on for it to function. The car engine does not need to be running. The vehicle radio/CD player has inputs for 3.5mm MP3 player plugs, USB for Ipad or smartphone connection, and USB connection to play music stored on flashdrives.



TV/DVD Player

The TV channels need to be set by using the menu feature to scan either: the cable when hooked up at a park, or by scanning the air using the internal digital antenna to pick up available channels in your vicinity.

Soundbar

The soundbar can be set to play either local radio or Ipad. The Ipad dock is located on the left side of the bar and folds down for use. There are adapter bases if necessary for various I-products, located in storage cabinet.

Moon roof

Please don't open the moonroofs during travel. They are not designed to be open while the vehicle is in motion on the highway.

Appliances

Stove / Oven – uses propane gas and must be lit

Microwave – operates as a standard electric device

Fridge

The fridge has a setting for electric, propane, or auto adjust. The gas mode is for use when the vehicle is in a remote setting. For park electric hookup or generator use, keep mode set on Auto only. The orange Auto light on the control panel should be on for normal electric use.

Note: Fridge must be level to operate properly. If you are parked on a steep incline, it will not function.

Note: The first time an RV fridge is powered on after having set several days, it may take up to 3-4 hours to cool down initially. This is normal for this type of system. Once cool, it can be turned on and off and still maintain proper cooling levels.



Toilet - Sinks

- These function identical to marine facilities and operate basically similar to home use. Pump can be turned on when not hooked to park water source to provide usage pressure.
- Always uses RV/Marine TP or single ply TP as the septic systems are more sensitive than home systems. You do not need to use any of the lav additive stowed in the bathroom but may if necessary.



Exit Switches

Switches are located along the entry steps as you enter the RV.

Battery connect master switch- turns off everything in cabin to ensure battery isn't drained. It also allows you to run limited electrical items without the generator or city power source. It does need to be on, in addition to the generator to run the fridge and A/C.

Entry Stair Switch – Opens and closes the entry step. It is located next to the fire extinguisher and above the Master Battery Switch. You must close the step before driving the vehicle. A warning signal light is located on the dashboard to notify you when the step has been left open, after the vehicle engine has been started.

Porch light, ceiling light and trunk light switches are located on the wall at the entry stairwell. The trunk light switch, along with wall switches located in the bathroom area and in the bedroom operate either by the wall mounted switch and/or in conjunction with the on/off switch located directly on the light. In other words, the switch directly on the light needs to be on, in order to utilize the on/off feature of using the wall switch.



Storage

Outside storage bins are located along the exterior of the RV. Some of the storage bin runs the entire width of the RV and can be utilized for storing long items like fishing poles, skis, ect..

Blinds

Blinds can be closed, opened, or opened with a daytime privacy shade. Please do not untie the tension strings located along the sides of the blind. They are required to be tightly mounted to the wall for the blinds to function properly.



Privacy Curtains

Sleeping curtains can be drawn to enclose the sleeping compartment above the front cab. Also on board is a privacy shade for nighttime use, to ensure no one can see inside the RV through the front windshield. It is attached with Velcro tabs located around the driver's cab, along the roof line.



Converting Beds

Dining Table.

The dining table can be lowered and cushions moved, to form bed. To convert, lift table end to allow hinges to separate from wall. Depress the button at the top of the table leg, to allow it to fold under the table. Allow the table to rotate down on the large wire hinge, so that the table fills the gap between the two seat benches. Adjust the seat cushions so that they form the mattress for the converted bed.



Awning

This can be opened when parked and remaining stationary. See owner for demonstration. There is an awning metal rod for use in unlocking the security latch located at top of roller. The rod is in one of the exterior bins.

To open, unlatch the gray travel clips from the posts. Loosen the black knob at the back of each post. This is important to allow the inner arm to travel freely as the awning is opened and closed. Using the metal rod located in the rear bin, hook the awning directional lever which is located on the front end of the awning tube. Pull it so that it rotates downward a half turn, in the direction of the down arrow. Using the awning rod, hook the black canvas strap at the center of the awning, and pull the awning open. Then slide the inside arm upwards until it clicks into place to form an A frame. The black handled levers on the main arm can be used to extend the length of the arm.



To close the awning: loosen the black knob, depress the grey tab at the upper end of each arm to release the inner arm. Slide the inner arm down towards the RV. Turn the directional lever on the end of the awning tube to the up arrow position. Using the canvas strap and rod, allow the awning to roll itself up. Make sure the main arm is properly seated against the roof of the RV. Tighten the black knobs and close the gray travel latches on the sides of each post.

Additionally, the bottoms of the posts can be detached from the RV using the quick-disconnect clamps at the base of the posts, after extending the awning. This allows for a squared frame awning.

Door locks

- The inside of the camper door has 2 red locking switches. The switch to the right locks the handles to both the interior and exterior of the door. It can be opened from the outside with the key, or from the inside with the handle after unlocking the red switch. The second switch (to the left) is an additional security bolt for in- transit travel with children, or to provide additional security. It utilizes an internal bolt to secure the door and will not allow the door to open until unlocked. It can also be opened from the outside with a key or by unlocking the red switch. Each lock on the exterior of the camper door utilizes a separate key (i.e. there are two keys for the door).



Cabinet Drawers

Drawers are similar to marine cabinetry which is designed to stay closed in transit. To open, simply lift slightly and pull. It is also designed to be lightweight; therefore in general, some amount of gentleness is required.

Door & Bin Latches

The camper door can be latched to remain open. This especially useful for windy days, or when used in conjunction with the screen door.



Most of the bins have bullet latches (see above right) to assist in holding the compartment hatches open when loading / unloading the bins.

Roadside Assistance

The RV has a spare tire in the event of a flat. By design, the RV does not include a jack due to the weight of the vehicle. During normal daylight hours, road rangers are along the main highways and have the capability to change the tire, usually for free. Otherwise, contact us for Emergency Roadside Assistance, to cover tire changes, towing and jumpstart services, at no charge. If you should undertake any minor issues, please have either my name and/or the vehicle info listed on the receipt, so that I can arrange reimbursement.

Driving Tips

- Making Turns – Pull up, to account for length of RV, when rounding corners
- Dips and Steep Swells – Take at an angle so you do not bottom out the rear bumper
- Use a spotter when backing up
- Mirrors – objects are closer than they appear
- A SunPass is installed on the windshield to be scanned. Upon your return, a usage report for your vehicle will be run, so that charges can be reimbursed.

Note: Wal-Mart has a policy allowing RV drivers to park overnight in Wal-Mart parking lots, should you find yourself too tired to safely proceed driving.

The RV ladder at the rear of the vehicle is for servicing the roof and appliances only. Please no unauthorized use, as the roof is a rubber membrane easily damaged.

Smoking

Please no smoking in the RV. This is a family vehicle and I would greatly appreciate it, if you consider that the RV is the children's bedroom when we vacation. Thank you.

Pets

Please no pets on board. RV is for human accommodations only.

Returning the RV

- Please fill gas to the level when you picked it up. I will charge for replacement gas.
- You must dump lav-septic tanks before returning. I will charge a \$50 fee to do so.
- You do not need to fill the internal water tank prior to return and may wish to travel with minimal amount for better gas mileage. ¼ tank is adequate for in transit use.
- Please remove any garbage and food items from fridge/freezer.
- You are welcome to use the supplies on board such as charcoal, firewood, plastic cups, paper products, ect. If you use them up, please be sure to replace them for the next person to use the RV. Propane refill locations are not always easily accessible, so I will refill it at cost, if necessary.
- Please exercise a “take a penny, leave a penny” approach towards misc supplies.

Comments:

I strive to ensure that everything on the RV is in good condition and functioning as it should. Like a boat, constant maintenance is required to fix all the little things that occasionally need replacing. It is not always easy to know what needs to be addressed, when I am not personally using the RV. Would you please take a moment to make notes of anything you noticed that needs attention, is broken, or ceased to function, from normal wear and tear? That way, I can insure that the next person has a positive experience, as well. You can simply leave this page onboard with your comments.

Thank you.

Customer Testimonials

If you had a great experience or took some great pictures that you would like to share with us, I would be happy to post them to our website. Simply email me your pics and any comments, and I will include them in the next scheduled web page update. Thanks