

RV Manual



Fleetwood Tioga 29', Ford E450

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City Electric Power Source

- The shore line hookup is located inside the panel at the exterior rear on the RV driver side. The large black cable/plug must be unattached from the internal receptacle and plugged into the park's electric access box. The RV uses 30 amp hookups.

- The generator should be off before plugging in cable to hook up to city/park electric power source or reattaching the cable to the outlet inside the RV bin. Cable must be plugged in to the RV outlet to complete the circuit for generator power to the RV.

- An adapter for use in powering to a conventional 110v outlet is in the access panel. I do not recommend using this for long term or heavy use.

- Circuit Panel is located near the bathroom door. 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 – There are two. One is located to the left of the steering wheel. The second is on the test panel, on the side of the kitchen cabinet, at the entry step. The Aux Battery Switch at entry steps must be on to start the generator.
- 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 left of the steering wheel. Start the vehicle, push the button upwards, 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.



Note: The generator has a breaker located directly on it, underneath the access panel, which can be checked if you experience electrical difficulty, such as the power is on but the AC will not function. It looks like a black light switch and is directly to the right of the on/off switch (follow arrow labeled circuit breaker).



The generator is located in the outside storage bin behind driver door. The generator battery is located under the entry step.

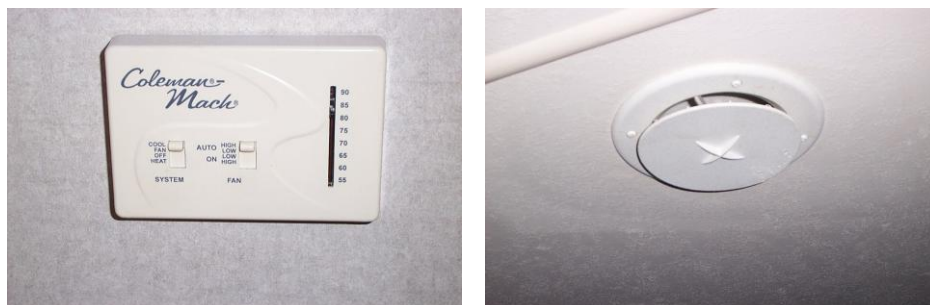
Fuel tank level - at ¼ tank, fuel supply for generator ends, as a safety feature to prevent you from depleting the RV fuel tank and then not being able to drive to a gas station.

Master Battery Switch

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

AC

The Thermostat is located on the wall reffridgerator. 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. If AC does not come on, check generator circuit breaker. Round AC vents are located throughout the cabin so that you can direct the airflow. Heat ducts are located on the floor and along the bottom of cabinetry.



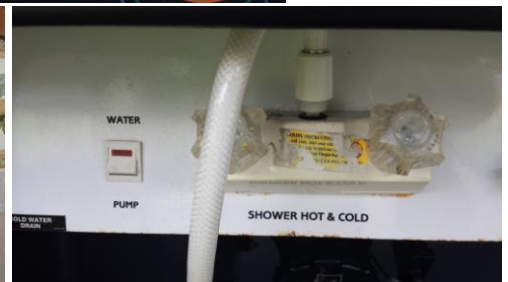
Water

- The water hookup for city water is located in 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 the test panel at entry step, or in the bathroom) needs to be on, for sinks or toilet, to provide water pressure. You also need water in the onboard water tank. The internal water tank fill valve is located in the small exterior panel on the passenger side, just in front of the entry door. This step is not necessary when hose attached to city water source.

-Water level monitor for onboard freshwater tank, is located on the test panel at entry step.

-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 at entry step. Propane gas level monitor is located on the test panel.



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 test panel at entry step. There are two tanks a) grey water which comes from sink use and b) black water tank which is from the 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 an exterior bin behind the passenger door. 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 at entry step.



Fuel Tank

The fuel fill cap is located behind the license plate.



Cable

A park hookup is located inside the exterior driver side bin. Once a coaxial cable is attached to the RV and the park cable source, cable TV is available throughout the RV. You must run Channel Scan on the TV for it to assign channels.



Car Radio / CD Player

The vehicle radio/CD player has inputs for 3.5mm MP3 player plugs.



Backup Camera

Automatically comes on when vehicle in reverse. Can also be powered on for full time monitoring.



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.

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.

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 on the back of the dining bench as you exit the RV stairwell.

Battery connect master switch- turns off everything in cabin to ensure battery isn't drained. Not needed when hooked up to park electric source.

Stair Lock switch – keeps outer step locked open when the vehicle is parked, so that they do not retract every time the camper door is opened or closed. Stairs automatically retract when vehicle is started.

Porch light is located above right of exit, underside of cabinet.

There are external electrical outlets located on the side of the RV next to the camper door.



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, and running behind the cab's visors.



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).



Converting Beds

Dining Table.

The dining table can be lowered and cushions moved, to form bed. To convert, lift table off legs and set aside. Remove table legs from floor mounts. Set the table 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.

Slide-out Controls

To operate the slide-out, the vehicle engine needs to be running and the parking brake engaged. The button to open/close the slide is located on the side of the kitchen cabinet at the entry step.



Levelers

The leveler control panel is located to the left of the steering wheel. Most camping locations do not need the use of levelers. See dealer for instruction on the proper use of levelers.



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, please call us to have a mobile service dispatched to your location to change the tire, jumpstart the vehicle or have it towed. 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. You will be provided a copy of the charges upon your return for reimbursement.

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 other family's bedroom when they 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 would be happy to refill it at a fee of \$10 plus actual cost of LP.
- 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