

How to Guide - Zion Models

How to Dump Wastewater



HOW TO: Wastewater Dumping

Wastewater storage and dumping

Your house is permanently connected to your septic system or a municipal sewer; you don't have to worry about the wastewater you generate because gravity takes it away. Your Roadtrek doesn't have that connection and must hold any wastewater until you have the opportunity to dump it at an approved dump station.



Most municipalities have severe penalties for improper disposal of human waste, especially into a watershed - fines can be several thousand dollars, and it's often a felony. Even if it's "just gray water", it will still flunk a coliform bacteria test because of the common discharge hose, which is difficult to explain to a judge. Never dispose of wastewater unless you're sure you are at an approved dump station.

Tanks

Your vehicle is equipped with a gray holding tank and a black holding tank. The gray tank holds the sink and shower water. The black tank holds the toilet waste. As a result, the black tank is a lot nastier than the gray tank.



Do not throw any paper towels, personal wipes, rags, baby wipes, tampons, hairballs, etc. into the toilet. The wastewater system is not capable of handling these types of solids and may clog up. Only use toilet paper that is intended for RVs or septic systems.



If in doubt, take a tissue, and leave it in a glass of water. Stir with a spoon a couple of times. If it falls apart into a gooey slurry after a few minutes, it's safe for your tank. If it stays together, swells up, or clumps into a solid mass, it's not safe and should be disposed of in the trash and not down the toilet.



If possible, you want to dump the tanks after driving as the movement of the vehicle will have sloshed the water in the tanks, loosening any solids.



You should dump the black tank first, then the gray tank. The water in the gray tank is considerably cleaner and will rinse any remaining solids from the hose. You should dump both tanks in sequence if possible.

Dumping the tanks

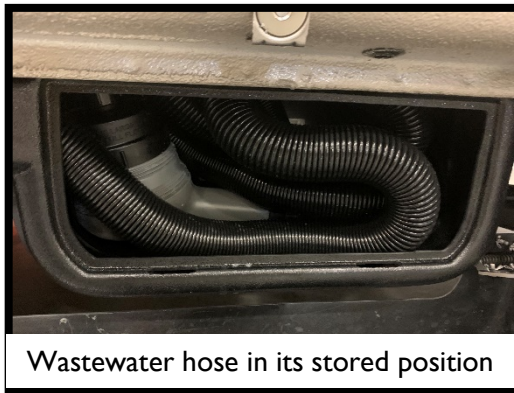
The wastewater removal system is located behind the access door on the driver's side, just in front of the rear wheel. Using the two molded handles, lift and pull out to open the door. This will expose the black and gray water valves.



Access door on the driver's side



Access door for wastewater hose



Wastewater hose in its stored position



Macerator switch located just inside the driver side door

- Remove the dump hose from its compartment and extend it to the drain.



Open the valve on the end and insert into the drain




Use a rock or other weight to hold hose down





Alternately use the rubber donut to snug fit the hose

- Open the black water tank gate valve by pulling the black handle out.
- Push and hold the macerator button until tank is empty.
- After the black water tank is empty, close the black water tank valve by pushing in on the handle.
- Open the grey water tank gate valve by pulling the grey handle out.
- Again, push and hold the macerator button until the tank is empty.
- After the grey water tank is empty, close the gray tank valve by pushing it back in to the original position.

 Always dump the black tank first and the gray tank second. The graywater will help flush any remaining solids from the dump hose.

- Use the dumpsite rinse hose to clean the end of the hose.
- Replace the hose in its compartment and close the cover.
- Add about ½ gallon of fresh water to the black tank. While you're doing this, add a packet of black holding tank chemicals to the tank.

 In the event the macerator is not usable, the gravity feed can be utilized to empty the tanks. A slinky style 3" sewer hose with a 3' bayonet fitting will be required. Always empty the black tank first, then the grey tank.

 Do not toss the packet into the toilet, even if it claims to be 'dissolvable'. It may not be dissolvable enough for the wastewater system. Tear open the packet and pour the contents into the toilet and dispose of the packet in the trash. The contents of the powder packets can be irritating to your eyes and nose, so hold the packet low to the bowl and try to pour directly into the tank.

