

# SERVICING WATER AND DRAIN SYSTEM

## SANITIZING THE POTABLE WATER SYSTEM

To assure complete sanitation of your potable water system, it is recommended that the following procedures be followed on a new system, one that has not been used for a period of time, or one that may have become contaminated:

1. Prepare a chlorine solution using one gallon of water and ¼ cup of household bleach (5% sodium hypochlorite solution). With tank empty pour one gallon of solution into the tank for each 15 gallons of tank capacity.
2. Complete filling of tank with fresh water. Open faucets to release air. Pressurize system with pump until water flows. Turn off pump.
3. Allow to stand for three hours.
4. Drain and flush with potable fresh water.
5. To remove excessive chlorine taste or odor which may remain, prepare a solution of one quart vinegar to five gallons water and allow solution to agitate in tank by vehicle motion (several days, if possible).
6. Drain tank and again flush with potable fresh water.

## SERVICING TOILET WASTE TANKS

Most of the unwanted solids build-up in waste tanks is due to using too little water and not flushing the tank out properly after each use. If you wish to dump a partially full tank, it is better to fill the remainder space with water first to provide the volume necessary for complete flushing. **Never use detergents, alcohols, or strong bleaches to clean the holding tank as they can cause damage to the plastic tank and drain lines.**

## TOILET MAINTENANCE

The toilet requires little or no maintenance. An occasional spraying of the bowl sealing blade with silicone spray will retain the original smooth operating condition. When cleaning the bowl, use an approved non-abrasive cleaner. Don't use common household cleaners which have a high acid content as they may damage rubber seals. Cleaners should be flushed on through the drainage system and not retained in the toilet bowl or waste holding tank.

## DUMPING THE WASTE TANK(S)

Waste tank(s) are usually dumped while connected to a sewer rise at a travel park. You may occasionally find need to use other dump facilities from time to time. It's best to carry along various RV campground guides such as Woodall, Rand-McNally, or Good Sam for their listing of dumping facilities. Holding tanks must be dumped only at approved disposal facilities.

## SERVICING THE LP-GAS SYSTEM GAS CONTAINERS AND SYSTEM

Containers should be handled with care, especially avoiding possible damage to valves while re-filling. Caution persons filling the tanks not to overfill for this can cause liquid LP-gas to flow through the regulator and develop excessive gas pressure in the lines as the liquid vaporizes in the lines instead of in the tank as it should. A prime cause of valve failure is the continual over tightening of the valve. Never allow a wrench to be used in tightening hand-turn valves, and especially be careful to prevent use of pliers in tightening the relief valve. Periodic painting of tanks will reduce formation of rust spots.

If you travel alternately on wet roads and in freezing weather, be sure your LP-gas regulator is protected from road spray. If water enters the vent in the regulator it may freeze the pressure controlling diaphragm in the open position so that the container pressure is applied to the appliances — a hazardous condition.

When removing or replacing gas cylinders from the system for filling, remember that threading is "left hand" or opposite from normal. A clockwise force will loosen and counterclockwise will tighten. When tightening, only "snug up" the nut — don't overtighten!

### CAUTION

NEVER SMOKE DURING FILLING OF LP TANKS. KEEP THE RV AWAY FROM IMMEDIATE FILLING AREA WHEN POSSIBLE OR EXTINGUISH ALL GAS PILOT LIGHTS.

Periodically inspect the entire gas distribution system for leaks using soapy water solution on the connections. This may be especially important after traveling over rough roads. When an LP tank gets low, sometimes there is a concentration of garlic-like odor which may be mistaken for a gas leak. After changeover to a full tank, the odor usually will soon disappear. Over-