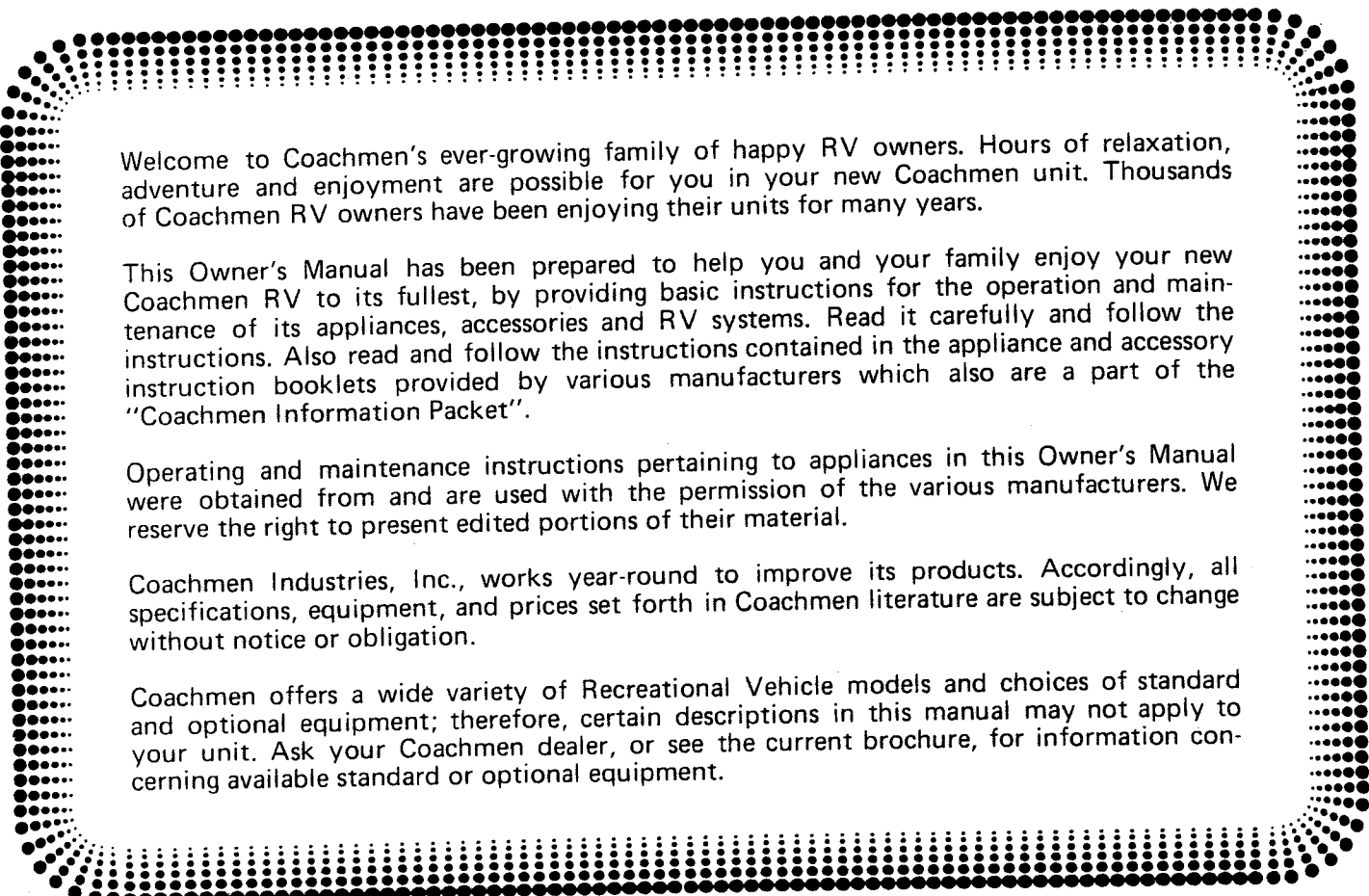


1979 - 1986



RECREATIONAL VEHICLES

Truck Camper



Welcome to Coachmen's ever-growing family of happy RV owners. Hours of relaxation, adventure and enjoyment are possible for you in your new Coachmen unit. Thousands of Coachmen RV owners have been enjoying their units for many years.

This Owner's Manual has been prepared to help you and your family enjoy your new Coachmen RV to its fullest, by providing basic instructions for the operation and maintenance of its appliances, accessories and RV systems. Read it carefully and follow the instructions. Also read and follow the instructions contained in the appliance and accessory instruction booklets provided by various manufacturers which also are a part of the "Coachmen Information Packet".

Operating and maintenance instructions pertaining to appliances in this Owner's Manual were obtained from and are used with the permission of the various manufacturers. We reserve the right to present edited portions of their material.

Coachmen Industries, Inc., works year-round to improve its products. Accordingly, all specifications, equipment, and prices set forth in Coachmen literature are subject to change without notice or obligation.

Coachmen offers a wide variety of Recreational Vehicle models and choices of standard and optional equipment; therefore, certain descriptions in this manual may not apply to your unit. Ask your Coachmen dealer, or see the current brochure, for information concerning available standard or optional equipment.



Capers — a bi-monthly magazine — keeps you abreast of those upcoming trips and rallies, as well as news from various chapters, feature articles and special recipes. Capers is written for, and largely by, Caravan members.

Other benefits of Caravan membership include Personalized Trip Routing, and special offerings beyond the regular benefits. The Caravan staff continually watches for these specials, which may be limited by quantities or seasons.



Traveling to special places with a Caravan of friends is always a memorable experience. Coachmen's International Caravanners travel to special places annually, as well as to the International Rally. The staff is constantly developing outstanding tours and events. It's a great way to get the family together.

Coachmen Caravan-sponsored programs, trips and prices are subject to change without notice or obligation.

Complete information on reverse side, then cut along dotted line. Slip your application into an envelope and mail along with your check or money order to:

THE INTERNATIONAL COACHMEN CARAVAN
 P.O. BOX 30
 MIDDLEBURY, INDIANA 46540

cut along dotted lines

cut along dotted lines

Subsequent owner:

Clip and Mail Completed Form in an envelope to the manufacturer, at the address listed on the back of this manual.

cut along dotted lines

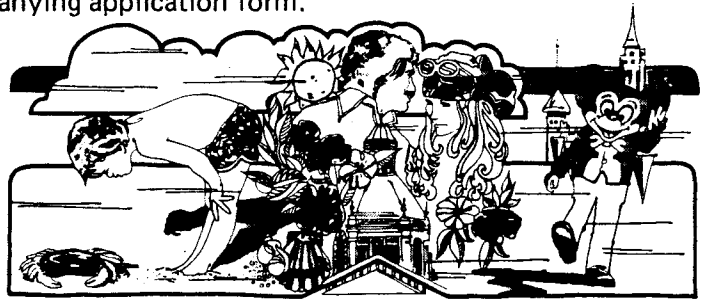
Subsequent owner:

Clip and Mail Completed Form in an envelope to the manufacturer, at the address listed on the back of this manual.

JOIN the INTERNATIONAL COACHMEN CARAVAN!

The International Coachmen Caravan is your owner's club. It's designed solely to help you get the most pleasure from owning a Coachmen Recreational Vehicle. One, two or three-year memberships are available. To join the Caravan, complete, clip and mail the accompanying application form.

Your membership will bring you: The Caravan Identification Package; a Membership Roster; news of Caravan Trips and Rallies; Capers Magazine; Pete's Market; Local, State and District Activities, Personalized Trip Routing, plus Special Offerings and discounts. The latter include discounts on the Rand McNally Road Atlas; various RV enthusiasts magazines and publications; Film Processing; Car Rental; Travel Accessories, and Campground Guide.



The Caravan Roster, organized by ID numbers, allows you to identify other Caravan members wherever your RV adventures lead you. When you spot a number, refer to your roster to find the name, city, state and CB call letters for that Caravanner. It's a great way to break the ice and open conversation.

The Caravan Identification Package includes a membership card, Coachmen Caravan decals and unit numbers identifying you as a full-fledged Caravanner eligible for all Caravan benefits.

INTERNATIONAL COACHMEN CARAVAN MEMBERSHIP APPLICATION

NAME: _____ SPOUSE'S NAME: _____
 ADDRESS: _____ JOIN NOW! 1 YEAR \$12.00
 CITY: _____ STATE: _____ ZIP: _____ 2 YEARS..... \$20.00
 TELEPHONE NUMBER: ____/____ 3 YEARS..... \$28.00

cut along dotted lines

SUBSEQUENT OWNER REGISTRATION

If you are the second or subsequent owner of this recreational vehicle, it is important that you notify the manufacturer of your name, address, date of purchase and the Serial Number. This information is vital for the manufacturer to maintain up-to-date records of current ownership. Also, you may be entitled to any unexpired portion of the warranty. See the warranty explanation on Page 18 of this manual. Complete one of the forms below, clip it, place it in an envelope and mail to the manufacturer at the address listed on the back of this manual. If no forms remain, print the words, "Subsequent Owner" on a Postal Card, along with your name, address, date you purchased the RV, and the RV's Serial Number and mail it to the manufacturer.

cut along dotted lines

DATE OF PURCHASE _____ RV SERIAL NUMBER _____

 VIN# (motorized only) _____
 Your Name _____
 Street Address _____
 City _____ State _____ Zip _____
 Name of Former Owner _____

cut along dotted lines

DATE OF PURCHASE _____ RV SERIAL NUMBER _____

 VIN# (motorized only) _____
 Your Name _____
 Street Address _____
 City _____ State _____ Zip _____
 Name of Former Owner _____

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INTRODUCTION

GENERAL

Now that you've purchased your new Coachmen Truck Camper you're anxious to start on your first trip. Coachmen and your authorized dealer have cooperated in providing the means for a quick get-away: Coachmen by designing and building your unit to rigid standards and thoroughly testing it at the factory, and your dealer by a careful retesting of systems and an inspection prior to delivery to you. Yet, after all that, we're going to ask you not to make a hasty departure. Because we want you to enjoy every trip, whether it's overnight, a weekend or season-long excursion, we first want you to get to know your unit and make careful preparations. That's why you'll find more than operating and maintenance instructions in this manual: You'll also find tips and suggestions to help you get started. There also are dozens of illustrations for easy identification of the various components.

NOTE: Illustrations identified by a Figure Number will be found in the convenient foldout at the back of the manual.

Our first suggestion is that after you've read this manual and the appliance and accessories instruction booklets, store them in your unit for handy reference.

An overnight or weekend "shakedown" trip can help RV'ing novices become familiar with their unit and its systems and appliances. The experience gained and the hints other RV'ers are usually eager to share will help make future RV'ing more enjoyable. Although you purchased your unit with certain standard and/or optional equipment, you may wish to add other accessories later. Experience is invaluable in determining which additional items, if any, to choose. Remember, your Coachmen dealer will assist you in every way possible.

LICENSES

The vehicle licensing laws vary from state-to-state. Check with your license bureau or nearest branch office for the requirements in your state. Be sure to renew your driver's license if it has or will expire during your trip.

INSURANCE

Personal liability, property damage, collision and theft of contents may be features of your automobile policy which apply to your Coachmen unit. Contact your insurance agent about details of your coverage. Always carry your policy card.

PICKUP TRUCK SELECTION

GENERAL

Selection of a proper pickup truck is essential. To estimate the total cargo load that will be placed on a truck, add the weight of all passengers in the camper, the weight of supplies, tools, and all other

cargo, the weight of installed additional or optional camper equipment, and the weight figure listed on the camper's Federal Sticker. Select a truck that has a cargo weight rating that is equal to or greater than the total cargo load of the camper, and whose manufacturer recommends a cargo center of gravity that will contain the camper's center of gravity when it is installed.

ENGINE SIZE

The engine must have enough horsepower to handle the pickup truck, the camper, passengers and all cargo. Most truck manufacturers offer a camper equipment package which may include: Larger alternator and battery, heavier ply tires, sideview mirrors, heavier electrical wires, larger engine and transmission cooling systems. Consult the truck manufacturer's owner's manual for recommendations.

NOTE: The use of heavier suspension components (springs, shocks, axles) or heavier ply tires DOES NOT increase the weight ratings printed on the pickup truck's identification or certification plate. The Gross Axle Weight Rating (GAWR) of each axle is determined by the components within the axle system with the lowest load-carrying capacity.

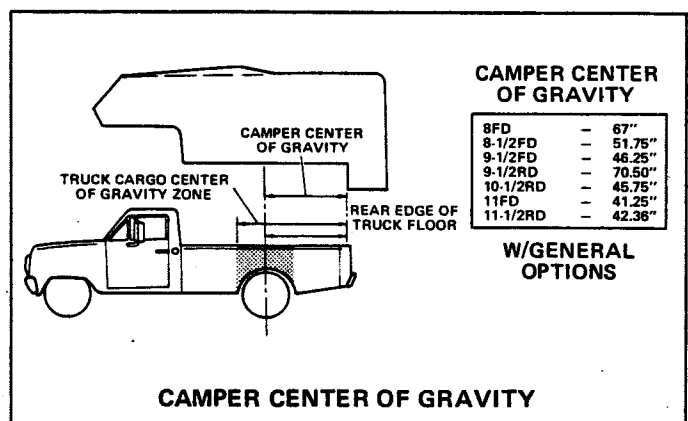
ENGINE EXHAUST

Check the location of the exhaust pipe. It must be long enough to clear the pickup truck body and the camper unit.

CAUTION: Failure to check the location of the exhaust pipe or perform an occasional inspection of the exhaust system may result in asphyxiation of the occupants in the camper.

CAMPER CENTER OF GRAVITY

The camper's center of gravity point must be within the pickup truck's cargo center of gravity zone. Use the following illustration to determine the center point about which all parts of the camper are balanced with each other. Accuracy is within 2" when the unit is loaded.



TRUCK CARGO CENTER OF GRAVITY

Consult your pickup truck's owner's manual for the forward and rear limits of the cargo center of gravity zone.

DUAL WHEEL PICKUP TRUCK

If you own or plan to purchase a dual wheel pickup truck, you also must have dual wheel mounting brackets, which are available from your Coachmen dealer. These brackets compensate for the added width of the rear fenders by positioning the jacks farther from the truck body and allowing the fenders to easily clear the jacks.

TRAVEL PREPARATIONS

GENERAL

Determine the various items of equipment, clothing, food and other supplies required for the length and destination of your journey. In a subsequent section, the importance of proper loading is explained, but at this stage you're more concerned with a quick getaway. One way to reduce loading time is to purchase dinnerware, stainless steel flatware, pots, pans, towels and bedding, which can remain in your unit at all times. After a trip, clean and launder the articles and replace them in your RV, ready for your next trip. The following is a guide to help in your travel preparation.

CLOTHING

Compile a clothing list for each person. Consider the season and areas through which you intend to travel. Basic articles: Underwear, socks, footwear, shirts, blouses, trousers, slacks, dresses, shorts, sweaters, jackets or coats, rainwear and swim suits.

CAMP HYGIENE

Dishsoap, dishcloths and dishtowels, garbage and trash bags, mop, broom and dustpan.

PERSONAL HYGIENE

Soap, washcloths, towels, toothpaste, toothbrush, deodorant, shaving kit, toilet paper, laundry soap and laundry bag.

SAFETY

Flares and reflectors; flashlight; first aid kit; tow rope and/or chain.

FOOD AND WATER

Don't try to take a food supply for an extended trip. Take enough for two or three days and replenish supplies along the way. Take a basic supply of seasonings: Sugar, salt, pepper and spices. Plan meals so that fresh or refrigerated items are used before they spoil. Fill your fresh water tank before leaving (when traveling in winter, it is recommended that the water tank not be filled until the interior of your unit is thoroughly warmed or until you reach your destination).

MEAL PREPARATION

Bottle cap and can opener; matches, lighter or igniter device; pots, pans, plates, glasses, and cups (paper or plastic are lighter and less likely to break while the vehicle is in motion); silverware and carving knife.

TOOL CHEST

Include an assortment of wrenches and screwdrivers, pliers, hammer, tire pressure gauge, small level, electrical and masking tape, hatchet, saw, shovel, and 12-volt portable tire pump.

EQUIPMENT

Fresh water hose (garden) and bucket; "Y" type water hose fitting; 20-foot, 3-prong power cord; 3-prong adapter with grounding wire; fuses; wheel chocks, leveling ramp or blocks.

SLEEPING GEAR

Sleeping bags are ideal for cold climates but sheets and blankets are better suited for warm weather. Take along an extra blanket or two for sudden drops in temperatures, such as can be expected in mountain areas even during summer. Be sure to take pillows, pajamas and mattress pads, if normally used.

ENTERTAINMENT

Take along games, toys, books, magazines, or other items of entertainment to occupy passengers while traveling or in case you encounter inclement weather.

IMPORTANT DOCUMENTS

Carry your vehicle registration and insurance policy card(s). If you are borrowing a vehicle, you should have a notarized letter of authorization from the owner with you.

TOURIST INFORMATION

Current road maps and tourist information for states through which you intend to travel are available through state tourist agencies. You also may want to purchase a tourist guide book.

If you will be visiting federally-operated national parks, monuments and recreational facilities, you may wish to look into the Golden Age Passport and the Golden Eagle Passport. They can help families cut spending at those areas where fees are involved.

GOLDEN AGE PASSPORT — The Golden Age Passport is free for persons 62 and over and covers all admission fees and a 50 percent discount on use fees (except fees charged by private concessionaires) and is good for lifetime. It may be obtained only at park service offices and at parks where entrance fees are charged. It cannot be obtained by mail or at post offices. To obtain the Golden Age Passport you will

need proof of age, such as a driver's license, or be prepared to sign an affidavit swearing that you are 62 or over. Note: Medicare cards are not accepted since in some cases they are issued to younger persons.

GOLDEN EAGLE PASSPORT — The Golden Eagle Passport costs \$10 and is designed for persons who plan to visit several parks or federally-operated facilities in a single year. It covers all admission charges but does not cover use fees and is good during the calendar year in which it is issued. It may be purchased in person or by mail at the National Park Service headquarters, Department of the Interior, Washington, D.C. 20240; at regional offices and at facilities where entrance fees are charged.

Both the Golden Age and Golden Eagle Passports cover admission fees for the permit holder and any persons accompanying him or her in a private vehicle. Where entry is not by vehicle, the passport covers the permit holder and members of his or her immediate family.

HOME SECURITY

Make arrangements for someone to check your house periodically. Stop mail and newspaper delivery. If you intend to be away for more than 2 weeks, request police surveillance. Carry an extra set of vehicle and house keys on a separate key ring.

CAMPER LOADING

GENERAL

Inspect the area and note inclines, dips or bumps which may interfere with the loading of the camper. This maneuver may require stationing someone behind the truck to guide the driver.

LOADING

Back the truck up to the camper. The camper floor must be above the pickup truck's bed before it can be loaded. To raise the camper, place the wrench end of the crank handle over the drive lug (Figure 1) and turn clockwise. To raise hydraulic jacks, close the release valve and pump lever. Follow the same procedure for each jack. Raise each no more than 4" at a time. Once the camper floor clears the truck, slowly back under the camper. If the camper begins to move, stop immediately and locate the problem.

After the truck is under the camper, lower each jack no more than 4" at a time until the camper is securely resting on the truck. Retract the camper legs by turning the crank handle counterclockwise until the leg is out of the tripod (Figure 2). To retract hydraulic jacks, slowly turn release valve counterclockwise. The quickest way to secure the leg for travel is to loosen both mounting nuts; remove one of the bolts, swing the leg up and extend it through the band. Tighten the loosened nut and replace and tighten the other nut and bolt. However, this method places the leg at an angle which can

allow water to enter the leg and eventually cause damage to the jack lift mechanism. To help avoid this, remove both mounting nuts and bolts and shift the jack plate to align with the mounting plate hole nearest the retention band. Insert a bolt through the hole and hand-tighten the nut, then swing the leg up and extend it through the retention band. Replace the other bolt and tighten both nuts. This will secure the leg nearly level and help prevent water from entering the leg. Fold and store the tripods.

The camper must be secured to the truck with fasteners. Different styles of camper fasteners are available from your Coachmen dealer. When loaded, plug the electrical connector into the camper's pigtail socket (Figure 3).

PRE-TRAVEL CHECK

GENERAL

Whether departing from your home, rest area, or campsite, you should perform these pre-travel checks:

LIGHTS should be tested on both the Coachmen unit and the pickup truck, including brake lights, warning flashers, clearance lights, taillights, turn signals and your pickup truck's headlights. Clean all lens covers.

REARVIEW MIRRORS should be adjusted so the driver can see both sides of the unit.

WINDSHIELD should be washed and wiper blades inspected.

POWER CORD (120-Volt Shoreline) must be unplugged from the external source, pushed into its compartment and the cord hatch secured.

WATER FILL hoses must be disconnected and the caps secured.

SEWAGE TERMINATION VALVES must be closed and locked. The sewer hose must be removed from the termination valve outlet and stored. The termination cap(s) must be securely fastened to the termination outlet(s).

DOOR STEP must be returned to its travel position by lifting front edge of step and pushing it under the unit.

WINDOWS AND VENTS should be closed and secured.

TV ANTENNA must be cranked down to its travel position.

LP GAS BOTTLES and connections should be secured.

NOTE: Some states prohibit vehicles equipped with LP gas bottles from using tunnels. A few other states prohibit traveling with the Service valve open and the pilots lit. Check the regulations of the states through which you intend to travel.

ELECTRICAL CONNECTOR should be plugged into the camper's pigtail socket.

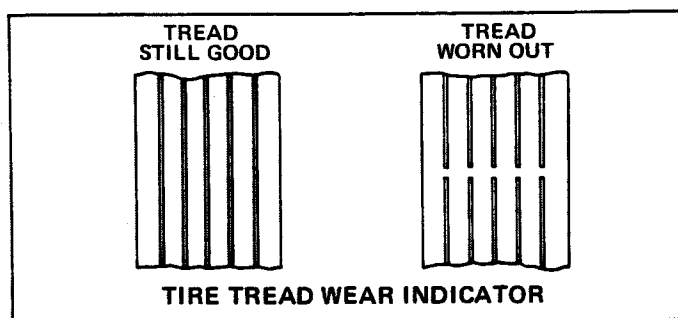
FASTENERS should be inspected to be sure they are properly connected and have not loosened.

INTERIOR DOORS AND DRAWERS should be locked and secured. Loose items should be lashed down or stored away.

REFRIGERATOR OR ICE BOX DOOR should be secured with the travel latch.

AUTOMOTIVE SYSTEM should have a pre-travel check as outlined in the pickup truck manufacturer's owner's manual.

TIRES should be inspected before each trip. Replace a tire when it is worn to 1/16" depth in two or more adjacent grooves, or to the level of tread indicators molded into the bottom of the tread grooves, when the indicators appear in two or more adjacent grooves at three locations around the tire. Check tire for uneven wear, road damage, foreign objects, or excessive peeling or bulging.



When purchasing a new tire, be certain it is the same size and has the same ply rating and load range as the old tire. DO NOT mix radial ply with bias or bias-belted tires.

Each morning inspect tire condition and pressure on your pickup truck. Heat generated by surface friction will increase the tire's air pressure approximately 6 to 9 psi; therefore, do not bleed air out of a hot tire. Inflate tire to recommended pressure as indicated on tire or in tire manufacturer's instruction booklet.

NOTE: Proper tire inflation is extremely important.

WHEEL LUGS must be tightened to the specifications in the truck manufacturer's owner's manual.

LOADING JACKS should be raised and secured and tripods removed and stored.

EXTERIOR ACCESS DOORS AND HATCHES should be closed and locked.

LOADING

GENERAL

Store heavier items on or close to the floor. Be sure they are far enough forward to keep the loaded camper's center of gravity within the truck manu-

facturer's recommended zone. Weight should be distributed evenly for side-to-side balance. Lighter items may be stored in cabinets, closets and drawers. A properly-loaded vehicle will handle more safely. You also will conserve gasoline and prevent excessive wear on your pickup truck's automotive system if the unit is not overloaded. You may not want to load your camper to its capacity before leaving on your trip so that you may have room for purchases you may make. Store items acquired during a trip forward of the pickup truck's rear axle. We recommend that you weigh your pickup truck and camper again if you add more cargo.

WEIGHT DETERMINATIONS

It is extremely important that you weigh your pickup truck prior to leaving on a trip to determine whether your cargo load is within the allowable limits for the various suspension components. Check the Gross Axle Weight Rating (GAWR) and the Gross Vehicle Weight Rating (GVWR) found on the Vehicle Identification Number (VIN) plate of the pickup truck and the camper's weight listed on its Federal Sticker. Check the VIN plate for the proper tire inflation for intended load.

FEDERAL STICKER

Found on the road side of your Coachmen unit, the Federal Sticker lists the Coachmen Serial Number, and the weight of the camper when it is equipped with standard items, water, LP gas and refrigerator or ice box. The weights of additional or optional equipment are listed on Page 23. This camper conforms to all applicable federal motor vehicle safety standards in effect on the date of manufacture. Your tow vehicle will also have a Federal Sticker, located on the left side of the vehicle, normally the dash panel, hinge pillar, door latch post, or door edge next to the driver on trucks manufactured on or after January 1, 1972.

MFD. BY Coachmen Industries Inc.
THIS CAMPER CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
CAMPER WEIGHT _____ LBS.
MAXIMUM WHEN IT CONTAINS STANDARD EQUIPMENT, _____ GAL. OF WATER.
_____ LBS. OF BOTTLED GAS, AND _____ CUBIC FT. REFRIGERATOR
(OR ICE BOX WITH _____ LBS. OF ICE, AS APPLICABLE). CONSULT OWNER'S MANUAL (OR DATA SHEET AS APPLICABLE) FOR WEIGHTS OF ADDITIONAL OR OPTIONAL EQUIPMENT.

FEDERAL STICKER

DEFINITIONS

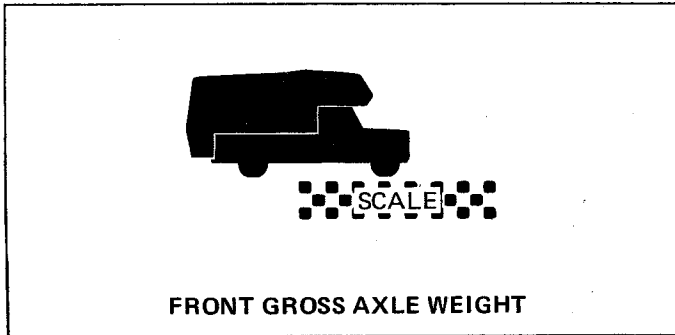
GAWR — The allowable weight, including cargo and passengers, which can safely be supported by each axle.

GVWR — The maximum permissible weight of your pickup truck, including cargo, all options and passengers.

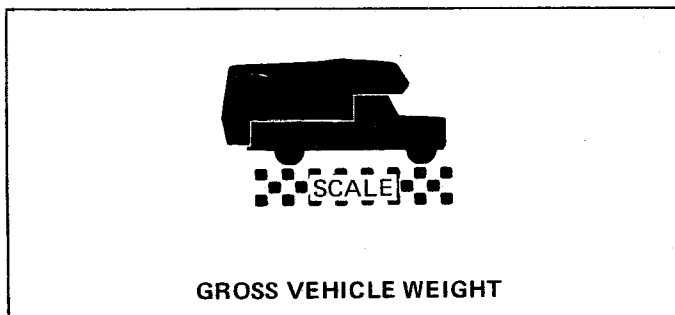
sand and gravel dealer or government weighing station (they are listed in the yellow pages of your telephone book). The small fee involved is a worthwhile investment.

WEIGHING

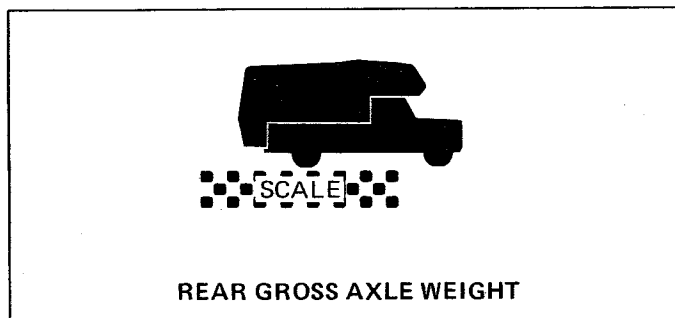
STEP 1 — Drive only the front axle of the pickup truck onto the scale. Compare it to the front GAWR listed on the pickup truck's Federal Sticker.



STEP 2 — Drive the entire pickup truck onto the scale. Compare this figure to the GVWR listed on the Federal Sticker.



STEP 3 — Pull forward so only the truck's rear axle is on the scale. Compare this to the rear GAWR listed on the Federal Sticker.



NOTE: If any of the weight ratings are exceeded, shift or remove a portion of the cargo and re-weigh the pickup truck.

DRIVING

GENERAL

Get to know how your pickup truck handles

with the added weight and height of your Coachmen unit. The brakes and steering operation will be different. Before leaving on a trip, practice turning, braking, backing and accelerating. Below are tips to help you in your driving.

CLEARANCE

Watch out for overhanging tree branches, awnings, or similar obstructions which can damage your vehicle's roof or equipment or accessories mounted on the roof. Refer to the brochure for the clearance measurements of the unit.

PULLING INTO TRAFFIC

Check for oncoming traffic in all directions. Signal before entering the traffic flow. Accelerate slowly and smoothly.

TURNING

Pull farther into the intersection before turning to allow sufficient clearance for the rear of your unit.

PASSING

Avoid sudden maneuvers when passing a slower moving vehicle. Remember that additional time and distance are required to pass safely. Wait until the road is clear of oncoming traffic for at least 1/2 mile. Check the outside rearview mirrors and signal lane change before passing. When you have safe clearance, signal lane change and return to your original lane.

BRAKING

Allow a safe distance to stop; follow no closer than one vehicle length for each 10 mph. Pump the brake pedal lightly to stop on wet or icy roads. If you start to slide, turn the steering wheel in the direction of the slide. **DO NOT** tromp the brake pedal—a panic stop will increase the slide. **DO NOT** rest your foot on the brake pedal while driving. "Riding" the brakes in this manner may cause overheating, excessive lining wear and possible brake failure.

DOWNGRADES

Speed should be reduced; shift the transmission to a lower range to assist in braking on long or steep downgrades.

UPGRADES

Reduce speed when climbing a steep upgrade. Shift the transmission to a lower gear to avoid engine overheating. If your engine does overheat, consult the instructions in your pickup truck owner's manual.

CAUTION: DO NOT exceed the truck manufacturer's recommended speed limit in lower gears — excessive engine speed will overheat the transmission which may cause early transmission failure.

overheating. If your engine does overheat, consult the instructions in your pickup truck owner's manual.

CAUTION: DO NOT exceed the truck manufacturer's recommended speed limit in lower gears — excessive engine speed will overheat the transmission which may cause early transmission failure.

PARKING ON A GRADE

When parking on a grade, apply foot brake; shift transmission to Neutral (N); apply parking brake and place transmission in Park (P) position (place in gear for stick-shift vehicles).

FREEING A STUCK VEHICLE

To pull your unit out of the snow, sand or mud, apply slight pressure to the accelerator pedal and move the gear selector rhythmically between 1st gear and reverse (R). If possible, keep the front wheels pointed straight ahead. Avoid sharp turns. Once the unit starts to move, do not stop until it is on firm ground.

CAUTION: DO NOT race the engine or spin the wheels; prolonged efforts to free a stuck vehicle may result in overheating and transmission and axle failure.

TOWING

Consult the truck manufacturer's owner's manual for recommendations on towing.

TIRE CHANGE

Change a tire on as level and firm a surface as possible. If you are on the road side, activate the unit's hazard warning flashers. Apply parking brake and move transmission selector to the park (P) position or place in gear. Set up flares and/or warning lights. See your truck manufacturer's owner's manual for proper tire change instructions.

CAMPING

CAMPSITE SELECTION

Some campgrounds do not accept reservations, but make one whenever you can. If possible, arrive early so you may inspect and choose a site during daylight hours. Try to avoid sites near a swamp, stream or other bodies of water which may harbor mosquitoes or other insects. Avoid parking under dead trees or loose limbs which might fall and cause injury or damage. Stay away from areas which show signs of flash flooding. **DO NOT** park on private property without first obtaining permission.

In winter, park behind a grove of trees, bushes or similar type of windbreak. Close the gap between the ground and the bottom of your vehicle's outside walls with plastic, canvas or similar material. This will cut down cold drafts which can affect interior temperatures.

COURTESY

Common courtesy will help make your stay more pleasant. Campsites are often close together and RV walls are not as thick as those in your home, so loud noises may disturb your neighbors. Follow the posted rules of the campsite. Open fires may not be permitted. If you can build a campfire, clear the area of flammable materials; never leave a campfire unattended and always make certain the embers are completely extinguished.

LIVING AREA

SETUP

You'll want your truck camper to be level for your own comfort (you don't want items sliding off counters and tables or out of cabinets). But more important, the unit must be level in order for your refrigerator and drainage system, both of which function by gravity, to function properly. Place a small level on the bottom of the refrigerator freezer to check levelness. Bubble levels are furnished with some refrigerators or are available from your Coachmen dealer.

NOTE: Once the unit is level side-to-side and front-to-back, you may wish to permanently attach levels on the front and/or back and sides of the truck camper. This will allow you to tell at a glance if you've stopped on a level site, and will help speed up the leveling process.

If your unit needs side-to-side leveling while loaded on the truck, you may make a step leveling ramp (Figure 4) using 1" x 6" or 2" x 6" boards of varying lengths. Pull forward or back onto the leveling ramp until the tire(s) on the low side are level.

UNLOADING

Select a level and firm site. Unplug the pigtail from the truck campers electrical connector. Release the truck camper fasteners.

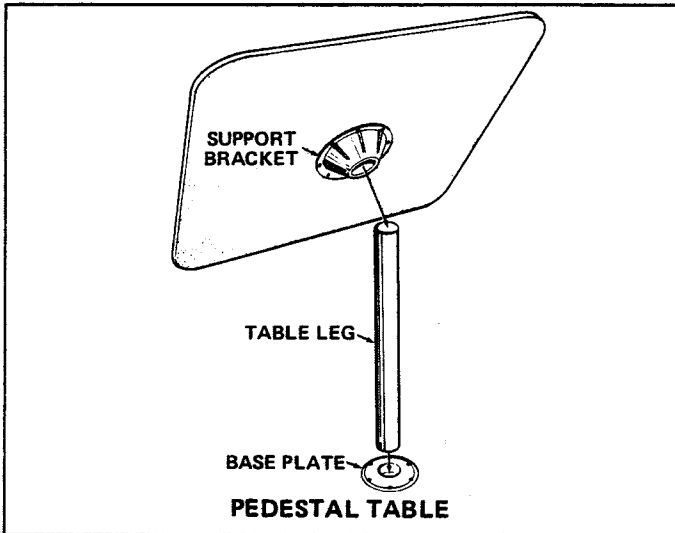
To lower the legs, retract each through the retention band, loosen or remove the mounting nuts and bolts; align jack plate holes with mounting plate holes, reinsert bolts and tighten nuts (Figure 5). Crank the jacks clockwise until the leg is completely lowered into the tripod socket. If your truck camper is equipped with the optional hydraulic jacks (Figure 6), pump the lever to lower leg into tripod socket.

Raise each jack no more than 4" at a time, until the camper is clear of the truck bed. Slowly drive the truck away until it is out from under the camper. If the camper begins to move, stop and locate the problem. Once clear, lower each jack no more than 4" at a time to its lowest position. To lower manual jacks, turn crank handle counterclockwise. To lower hydraulic jacks, turn the release valve counterclockwise. To lock the hydraulic jacks, close the release valve by turning clockwise and raise the pump lever. **DO NOT** attempt to lower the jacks beyond the build-in stop, you may damage the gears.

CAUTION: The loading jacks are designed to permit you to raise or lower the truck camper for placing it onto, or removing it from, the pickup truck bed. **DO NOT** occupy your Coachmen truck camper when it is off the pickup truck bed, unless you have made sufficient arrangements to ensure the stability of the unit.

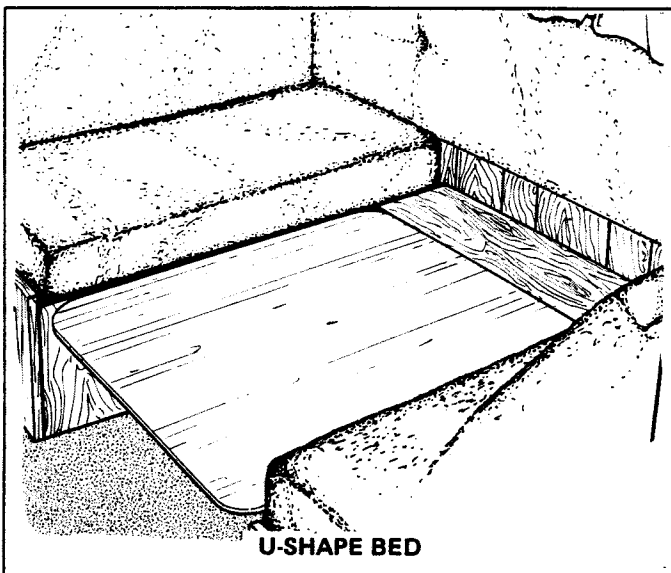
TABLE

Insert table leg into the base plate. Lower table support bracket onto the leg.



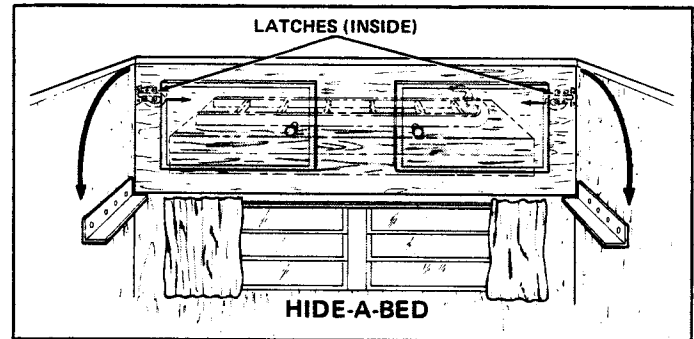
BEDS

U-SHAPE DINETTE – Lift pedestal table and remove leg. Remove center cushion. Place table on seat braces and slide inward. Arrange cushions on top. Store center cushion and leg under table or in a closet.

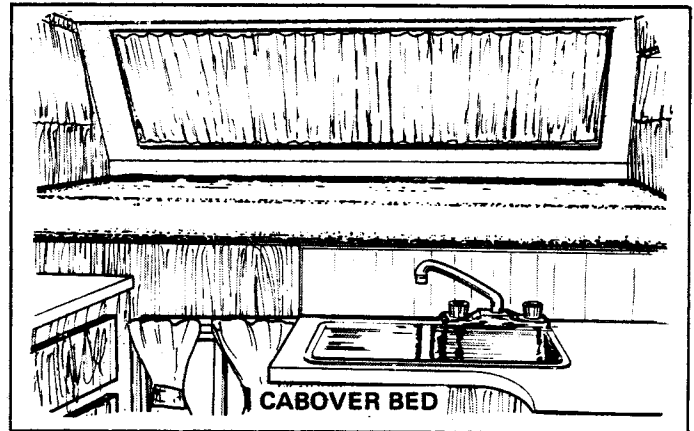


CABINET HIDE-A-BED – Open both end cabinet doors. Release latches (one is located at each end, inside the cabinet). Close the cabinet

doors securely. Swing cabinet face down so that it rests on its supports. Position reinforcing boards on top of the cabinet face. Arrange mattress pads on top.



CABOVER – Your cabover bed assembly may include a privacy drape which slides along a track on the ceiling.



CARE OF CUSHION COVERS – Vacuum covers regularly. To remove grease spots, use a commercial degreaser. For other stains, use a cool, damp cloth. Covers should be dry cleaned only.

CARE OF DRAPES, CURTAINS, VALANCES – Drapes may be machine washed and dried or dry cleaned. Valances may be wiped off with a damp cloth or vacuumed. Sheer curtains should be hand washed, drip dried then cool ironed.

CARE OF WOODWORK – Clean the woodwork with regular household furniture polish. **DO NOT** use water to clean wooden surfaces. Scuffs may be covered with furniture wax and stain mixture. Scratches may be covered with Putty Stic.

CARE OF WARDROBE AND DRAWERS – Clean wood surfaces with household furniture polish. Wash plastic surfaces with warm water and liquid soap.

CARE OF FLOORING – Sweep and damp mop vinyl floors occasionally.

BASIC SYSTEMS

GENERAL

The basic utility systems in your truck camper

can be classified under four titles – Electrical, LP Gas, Fresh Water and Drainage/Sewer. This section outlines these systems, describing their operation, function and simple maintenance. This section is not intended as a service guide. Your RV has been engineered and built to provide trouble-free operation, but should a problem arise, we recommend that you contact your authorized Coachmen dealer.

ELECTRICAL

GENERAL

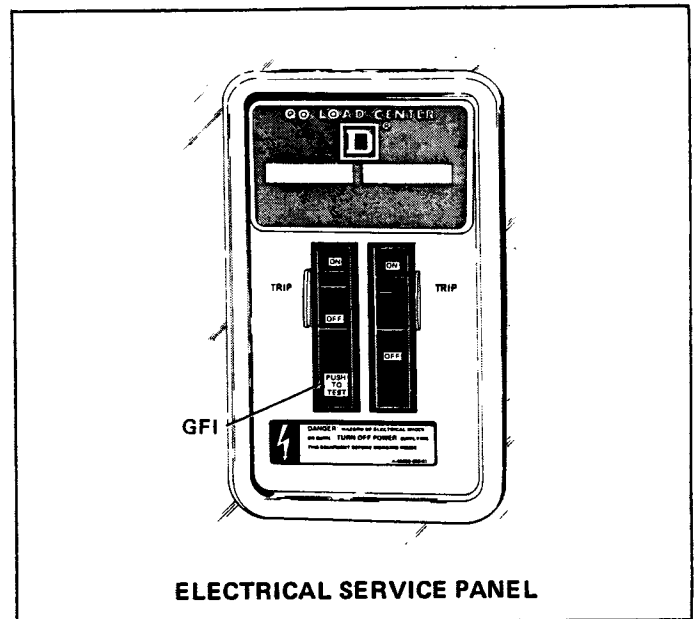
Your truck camper contains two separate electrical systems, providing you with power while you are camped or traveling. There is a 12-volt direct current system, similar to the one in automobiles, and a 120-volt alternating current system, similar to the one in homes. Your 120-volt system requires an external source of 120-volt electricity. This is provided either by a connection to a campsite or household receptacle. The 120-volt system is used whenever a 120-volt hookup is available, to reduce the 12-volt load on your pickup truck battery. Power is supplied by the Shoreline connection to all 120-volt receptacles and lights. The 12-volt system is supplied by your automotive battery and is used when you are on the road or in campsites which do not provide 120-volt hookups. Most components in your truck camper, such as the water pump, range hood light and fan and interior lights, operate only from a 12-volt source. Energy is supplied by the automotive battery through the camper's electrical connection, or by the power converter, which changes 120-volt AC into 12-volt DC.

120-VOLT SYSTEM

The 120-volt system supplies power for an optional roof air conditioner, the refrigerator, power converter for the 12-volt system, the exterior 120-volt receptacles (Figure 7) and the 120-volt interior receptacles which are used to operate regular household appliances. When using the external 120-volt hookup, the electrical power source is connected directly into the main electrical service panel and is distributed through circuit breakers.

GROUND FAULT INTERRUPTER – The bath and exterior receptacles are connected to a Ground Fault Interrupter (GFI). This highly-sensitive circuit breaker will help protect against severe electrical shock if a ground fault develops. If this happens, the GFI will break the circuit by turning the power off to those receptacles. Should this happen, unplug all appliances on that circuit and reset the breaker.

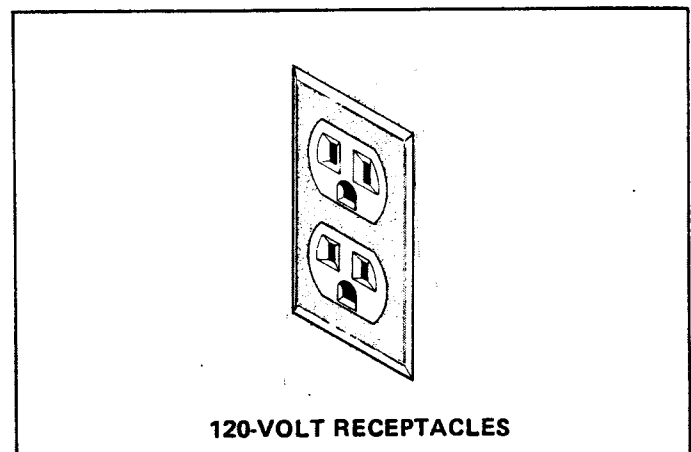
CAUTION: *The GFI does not completely eliminate shock. Small children and persons with heart conditions or other disabilities that make them especially sensitive to electrical shock may still be injured by a ground fault on the bath or exterior receptacles.*



ELECTRICAL SERVICE PANEL

Test the GFI system at least once a month. Depress the PUSH TO TEST button. The button will pop out if the circuit breaker is operating properly. Power will be off at bath and exterior receptacles. Plug a test light into these outlets to verify power is off. To restore power, push in the button.

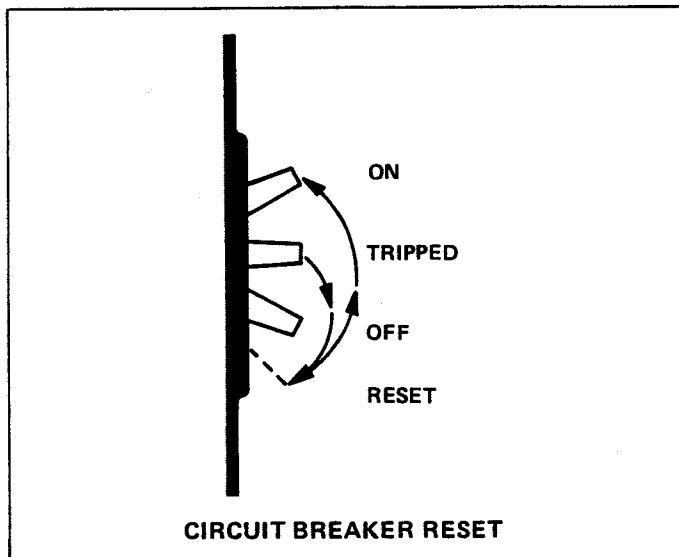
NOTE: *If the button does pop out or the test light indicates a live circuit, DO NOT use the outlets. Call your Coachmen dealer.*



120-VOLT RECEPTACLES

SHORELINE CONNECTION – The Shoreline (Figure 8) is a heavy-duty cable with a 3-prong grounding plug on one end, permanently attached at the other end to the service panel. It can be pulled through its storage compartment through a hatch in the sidewall of your vehicle and connected to an external receptacle. Some campsites and trailer parks still have two-slot outlets. If it is necessary to use a three-to-two adapter, be certain its grounding wire is fastened securely to the outlet grounding screw. If in doubt, you may attach a No. 6-AWG copper wire to the frame of the vehicle and fasten it to an 8-inch copper or brass stake driven into the ground.

The 120-volt system is protected by the circuit breakers. If a circuit breaker opens, unplug the appliances on that circuit, allow a short period for the breaker to cool, then reset the breaker. If the breaker continues to open, contact your Coachmen dealer.



12-VOLT SYSTEM

The 12-volt system, which includes the automotive battery and the 12-volt converter, supplies power to the exterior and interior lights, the range hood fan and light, the furnace blower, water pump and porch light. The 12-volt energy is supplied by the automotive battery or the power converter.

The automotive battery and alternator supply 12-volt power to the engine ignition system, the dashboard lights and accessories, headlights, taillights, backup lights, clearance lights, turn signals and warning flasher lights.

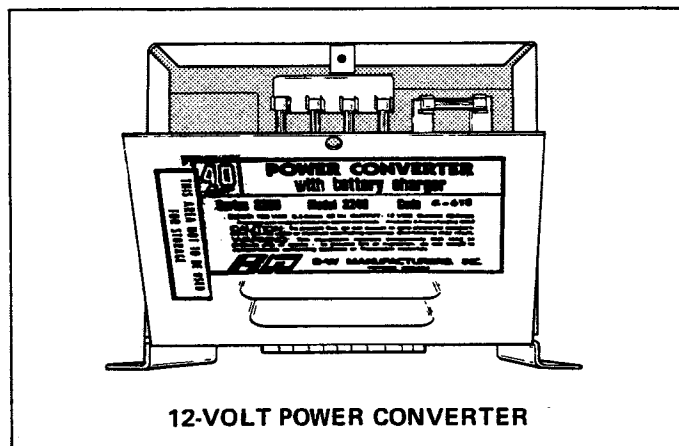
It also supplies power to the furnace blower, water pump, power vent, range hood fan and light, interior lights and refrigerator when the truck's electrical connector is plugged into the camper's pigtail socket.

BATTERY – Check the liquid level at least once a month. It must be above the plates. Keep terminals free of dirt and corrosion. Use a hydrometer to check battery charge.

CAUTION: *If the battery must be "Quick Charged", turn off the refrigerator.*

CONVERTER – The power converter transforms 120-volt AC into 12-volt DC. The converter supplies power to all the 12-volt systems, except the refrigerator, when it is supplied by a 120-volt source. The 12-volt system is protected by fuses in the converter. Remove the screw and open the converter door to expose the fuses. A listing of the circuits is on the inside of the door. Some fuses protect circuits with more than one function, others may be for specific appliances on that circuit. Replace the broken fuse with one of the same ampere

rating. If the fuse continues to break, contact your Coachmen dealer.



FRESH WATER SYSTEM

GENERAL

Fresh water for your unit is supplied either by the vehicle's fresh water tank or an external pressurized source. Both supply water to the kitchen sink, shower, lavatory, toilet and water heater.

CITY WATER

Connect a hose to a "city" pressurized water faucet and to the vehicle's water inlet (Figure 9). When using the city water hookup, the water tank and pump are bypassed. You cannot fill the water tank through the city water inlet.

Although a common garden hose can be used to fill water tanks and to connect to city water, long time RV'ers recommend a hose specifically manufactured for this purpose.

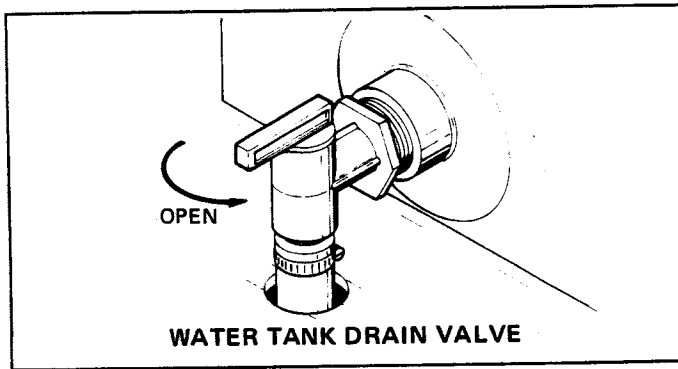
CAUTION: *In areas where city water pressure exceeds 60 psi, you should use a pressure regulator. Excessive water pressure may damage lines and connections. See your Coachmen dealer for further details.*

WATER TANK

Open the gravity water fill by pulling out the fill spout (Figure 10). Use a hose or vessel to fill the water tank. Water will flow out the fill spout when the tank is full.

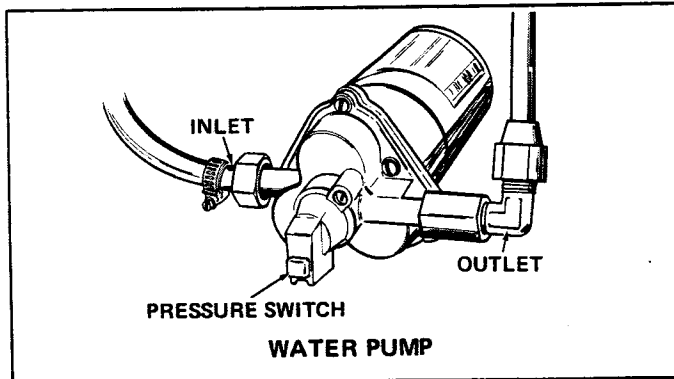
SANITIZING WATER TANK – Sanitize your unit's water tank before initial use, after a period of nonuse, and whenever the tank is suspected of being contaminated. Open the drain cock and let the water drain out. The drain cock is attached to the side of the water tank near the bottom and can be reached from inside the unit. When the tank is empty, close the drain cock. Mix 3 gallons of water with 3/4 cup liquid household bleach. Pour the solution into the tank through the gravity water fill. Wait 3 hours. Drain and flush the tank with fresh, potable water. If a chlorine taste lingers, pour

1 quart of vinegar and 5 gallons of water into the tank. Wait several days before draining the tank. Flush tank with fresh, potable water.



WATER PUMP

Your water pump is a 12-volt DC appliance, activated by a switch above the kitchen countertop. You may leave the switch ON while camping. This arrangement is known as a demand system. When you want water, simply open a faucet; the pump will run only as long as needed. If the pump fails to start when the switch is ON, check the fuse located in the converter. If the pump continues to operate, whether the faucets are opened or closed, check the water tank, it may be empty, or there may be a leak in the system.



CARE OF SINKS, LAVATORY & SHOWER

Clean the kitchen sink, lavatory and showerpan with non-abrasive cleanser. Stainless steel cleaner may be purchased at most grocery stores. ABS cleaner, such as Aqua K-7, may be purchased from your Coachmen dealer.

LEAKS

Traveling over bumpy or rough roads can cause pipe fittings to loosen; check pipe fittings regularly for signs of leakage.

DRAINAGE/SEWER SYSTEM

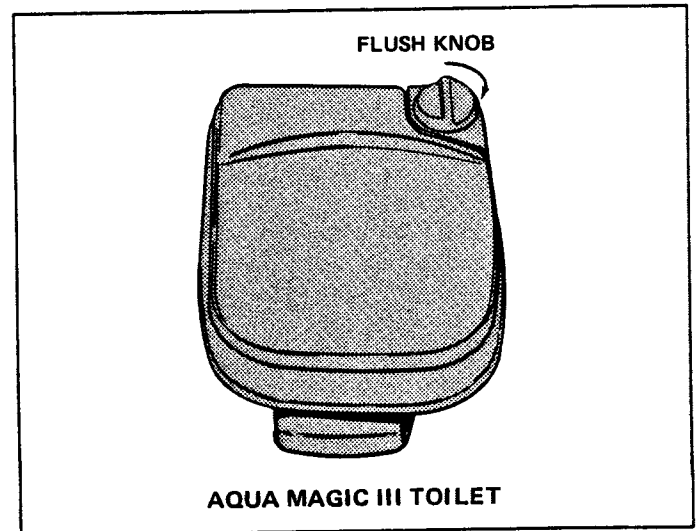
GENERAL

Your truck camper will have a Drainage/Sewer system which functions much the same as the one

in your home. How extensive it is depends upon the equipment you have ordered. It may include drain lines from the kitchen sink, lavatory or shower to the gray water holding tank and a marine toilet which empties directly into a separate waste holding tank. The drainage system also includes vents which carry odors (caused by drain water and waste) out through the roof, while equalizing air pressure. The latter is necessary to maintain a water barrier against odors in the "P" traps and to ensure smooth flow and escape for your drainage system.

TOILET

The marine toilet in the truck camper is an Aqua Magic III. Turn the flush knob fully clockwise and hold until contents have been swept into the holding tank. Always hold the knob open at least 3 full seconds. When you release the knob, the bowl will automatically fill with water for the next use. Before initial use and after emptying the holding tank, flush the toilet. When the bowl is filled, pour in 8 ounces of Aqua-Kem concentrate, then flush the toilet again. This will help to control odors.



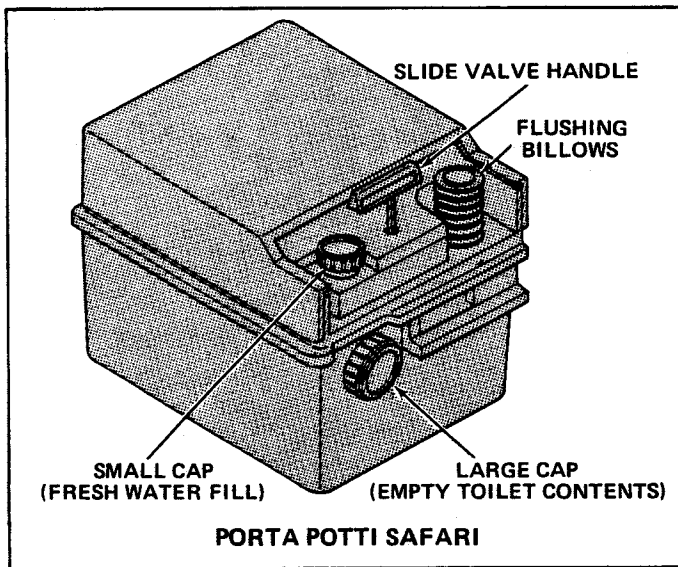
CARE OF TOILET — Use Aqua Bowl Cleaner as directed. DO NOT use highly-concentrated or high-acid household cleaners (NO SCOURING POWDER) to clean the bowl. If the slide valve does not move freely, apply silicone spray.

PORTA POTTI SAFARI

The portable toilet is a Porta Potti Safari. Before using, tilt the toilet forward and remove the large cap located at the rear. Pour in a tank deodorant. Replace the cap and set the toilet on its base. Remove the small cap, located on top, and fill the toilet with fresh water. Replace and tighten the cap. DO NOT pour deodorant into this section. Push the flush bellows to add water to the bowl.

To flush, simultaneously push the flushing bellows and raise the valve handle. Empty the toilet when the contents in the holding tank are near the level of the blade. Carry the toilet to any permanent

toilet facility. Remove the large cap and empty the contents. Repeat above procedure to prepare for next use.



HOLDING TANKS

A gray water holding tank (optional only in the 11-1/2 RD) is for kitchen sink and lavatory water; a waste holding tank is for the marine toilet. Each should be emptied frequently, always in a specified dumping station. Most campgrounds are equipped with dumping stations, often at each campsite; many service stations also have waste dumping stations. Avoid having to dump tanks too often by using restroom facilities when available. You can prevent unnecessary accumulation of solids in the waste holding tank by not putting facial tissues or similar items into the toilet.

EMPTYING HOLDING TANKS — Be certain your vehicle is level since emptying of holding tanks depends on gravity. Remove the sewage drain hose from its storage area. Remove the cap from the termination outlet (Figures 11 and 12) and connect the sewage drain hose. If you leave the drain hose connected to the termination outlet when you are camped, DO NOT open the termination valve until you want to empty the holding tank. The system is not like your plumbing at home where waste is flushed directly into the sewer system. Instead, if the valve is left open only liquid waste may drain out, causing solids to collect and harden in the bottom of the holding tank.

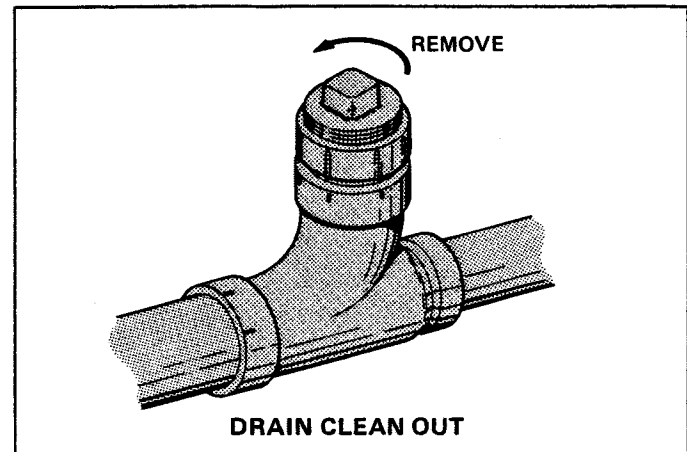
To drain either holding tank, pull out the dump valve slide handle (Figures 11 and 12). Flush or pour about two gallons of water through the toilet when emptying the waste holding tank and drain again. This flushes the tank and helps clean the drain hose. Repeat as necessary. Follow the same procedure for a gray water holding tank, although a repeat flushing may not be necessary. When the tank is empty, push the dump valve handle in until it seats. Remove the hose, wash it and store it in the unit. Replace termination outlet cap.

DRAIN PIPING

If your unit does not have holding tanks, it will have a drain pipe and termination outlet and cap. To drain, remove the termination outlet cap and attach the drain hose. Some campsites will have septic service for the disposal of gray water at each site. If the site is not so equipped, collect the gray water in a bucket or container and dispose of as required by park rules. To avoid contamination, use different buckets for fresh and drain water; mark or paint them for easy identification.

DRAIN CARE

Use clear water to clean exterior pipe surfaces. DO NOT use harsh drain cleaner chemicals or solvents in drains. Drain cleanouts are installed at intervals to facilitate drain line cleaning or unclogging. Use wrench to remove and replace drain cleanout plug.



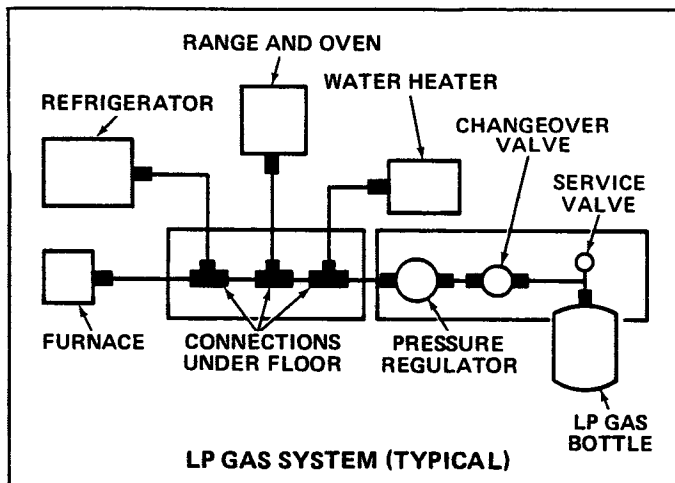
LP GAS SYSTEM

GENERAL

The Liquefied Petroleum (LP) Gas System in your unit furnishes fuel for hot water, heat, cooking, and refrigeration. LP gas, a by-product of the petroleum refining process, provides a portable, efficient and inexpensive source of energy. It is stored in a bottle or bottles in a compartment of your unit. Under pressure in the bottle, the LP gas turns to vapor; it is the latter which burns. Each bottle has a 20% liquid level gauge which allows space in the bottle for vapor expansion. The high pressure of the vapor in the bottle is reduced in two stages through a regulator. The bottle pressure will vary with temperature and altitude, but may be 100 to 250 pounds per square inch or more. It is reduced to about 12 psi in the first stage then to about 6-1/4 ounces in the second stage (the 6-1/4 ounces per square inch also is expressed as 11 inches of water column). The LP gas is propane or a blend of propane and butane, depending upon your locale.

The LP gas system is designed and built to rigid standards and tested before leaving the factory. Your Coachmen dealer also tests the system prior to delivery to you. Except for simple maintenance and occasionally tightening a connection, you should take your unit to an authorized Coachmen dealer

for LP gas problems. The LP bottle(s) should always be filled by an authorized LP supplier.



NOTE: Coachmen Industries is not responsible for personal injury or property damage resulting from improperly maintained LP gas appliances and systems.

LP gas burns readily and with intense heat. *With proper care and maintenance, it is safe and efficient.* However, there are certain characteristics of LP gas of which you should be aware. In its natural state, LP gas is odorless, but an additive gives it a distinctive odor so that leaks may be readily detected.

WARNING: For your safety, if you smell gas:

1. Open all windows
2. **DO NOT** touch electrical switches
3. Extinguish any open flame
4. Close Service valve
5. Immediately call your gas supplier

LP gas is heavier than air and tends to collect in low pockets. As LP gas settles into any closed area, it displaces air and thus could cause suffocation if not detected. It could also create a fire or explosion hazard.

Before using any LP gas appliance, read the respective manufacturer's instruction manual.

CLIMATE DIFFERENCES

The appliances will not function if the LP gas does not vaporize. Butane will not vaporize below 32 degrees F. (the freezing point of water), but propane will continue to vaporize down to 44 degrees below zero. Propane has become the main type of LP gas used in RV's in recent years. Your LP supplier will have the correct type or blend for your locale. If your travels will take you into an area where climate differs, ask your LP dealer for his recommendations. The names of LP suppliers can be found in the yellow pages of your telephone directory under "Gas-Liquefied Petroleum - Bottled & Bulk". Many campgrounds now have LP gas fill facilities, as do some service stations.

To operate any LP gas appliance, the LP gas

bottle's Service valve (Figure 13) must be OPEN. When first used, or after a refill, there may be some air in the gas lines which will escape when you first open a range burner or similar LP gas valve. The air may extinguish your match or igniter the first time or two, before you get ignition. Remember, too, that when you close the bottle's Service valve some of the gas will remain in the lines. To completely bleed the lines of gas, CLOSE the bottle's Service valve and light a range burner to use up the excess. When the flame burns out, turn the range burner OFF.

BOTTLE CHANGEOVER

Units with double LP gas bottles require manual changeover. When the first bottle is empty, CLOSE its Service valve and OPEN the Service valve on the second bottle. Whether you have single or double bottles, you should regularly check the volume of LP gas remaining to avoid depleting your supply. You can check the volume of LP gas by weighing the bottle, comparing the known weight of an empty and filled bottle. The Tare (empty) Weight is stamped on the LP gas bottle handle.

Also stamped on the bottle is its Water Capacity in pounds. Multiply the Water Capacity by .42. The result will be the LP capacity in pounds (allowing for the 20% vapor space). Add the LP weight to the Tare Weight to get the total weight of a filled bottle.

EXAMPLE: If a 20-lb. bottle lists Tare Weight (TW) at 18 lbs. and Water Capacity (WC) at 48 lbs., the weight of the bottle when filled with LP to 80% of its total capacity will be 38 lbs. ($48 \times .42 = 20.16$ or 20 lbs. of LP. 18 lbs. plus 20 lbs. = 38 lbs.)

FILLING THE LP GAS BOTTLES

Before removing an LP gas bottle, be certain all burners and pilot lights are off. Close the Service valve and turn the gas line connector clockwise to disconnect. For single or double bottles, unfasten the buckle on the retention band (Figure 13) and open. Remove bottle(s). Transport the bottle(s) in an upright position.

Take your bottle(s) to an authorized LP supplier for filling. He will connect the fill nozzle to the gas line connector. The Service valve and the 20% liquid level gauge must be open. When liquid appears at the liquid level gauge, the bottle is filled to its LP capacity. Close the Service valve and the 20% liquid level gauge. Do not use a wrench to tighten the Service valve or the 20% gauge; they are designed to be closed leak-tight by hand. If you cannot hand-tighten properly, the valve probably needs repair or replacement.

CAUTION: Avoid overfilling by insisting that the LP gas bottle never be filled beyond the 20% liquid level. If the bottle is overfilled, have the LP gas dealer bleed out the excess. Overfilling does not allow sufficient space

for the liquid to expand. This can produce excessive pressure which can cause LP gas leaks, creating a potential fire or explosion hazard. DO NOT smoke, strike a match or ignite a lighter when the LP gas bottle is being filled. A spark or flame could ignite fumes. Be certain all burner and pilot flames are out and the Service valve is closed when filling your truck's gasoline tank(s).

Re-install bottle(s) by placing in the compartment and fastening the buckle. Re-connect the gas line and check for leaks.

LP GAS LINE CHECK

Always check the gas line connection after each refill and inspect other connections regularly, at least every 30 days or 5,000 miles of travel. To check, turn off all burners and pilot lights. Open all doors and windows. Open the LP gas bottle Service valve and use soapy water, a bubble solution or approved leak detector to test all line connections. Do not use products that contain ammonia or chlorine. Bubbles indicate a leak. Tighten the connections with two open end wrenches until bubbles stop. If leak persists, contact your Coachmen dealer.

REGULATOR PRESSURE

Check the LP gas regulator at the beginning of each season, or whenever a problem is indicated. Correct line pressure is 11 inches of water column. Your Coachmen dealer or LP gas supplier can perform this check.

LP BOTTLE CARE

After each trip, inspect the LP gas bottle(s). Sand off traces of rust and apply a rust preventative paint. Always use white paint, which reflects heat. When the LP gas system is not in use, the Service valve should be closed.

LP GAS REGULATOR FREEZE-UPS

LP gas regulator freeze-up is a problem RV owners can prevent if they are aware of its causes. Freeze-up is usually caused by one of three things: moisture in the bottle, an overfilled bottle, or a greater vapor withdraw demand than the bottle can deliver at a particular temperature. Freeze-ups occur more frequently in cold weather when equipment can freeze and there is a lower rate of vaporization and a higher rate of demand.

Moisture can enter the bottle in the LP gas or through condensation if air is allowed into the bottle through an open valve. Avoid these conditions by using moisture-free LP gas and keeping all bottle valves closed during storage. If moisture is present, have an authorized dealer purge the bottle and add anhydrous methanol, the dealer will know the correct amount for your size bottle.

An overfilled bottle can allow liquid gas, instead of vapor, to flow through the regulator. This can

result in erratic regulator delivery pressure, improper appliance operation or burner outage, and possible frosting of the regulator and LP gas lines. This can be avoided by following the previously cited precaution about overfilling.

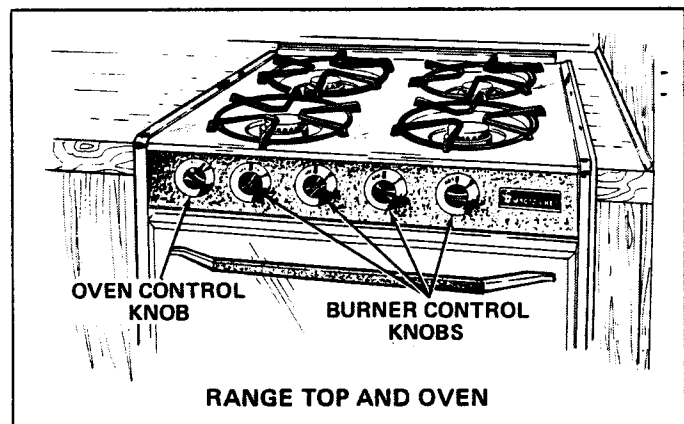
Liquid gas does not vaporize as rapidly in cold weather, so you may place too great a demand on your bottle's capacities in certain conditions. This can cause a refrigeration effect resulting in frosting of the bottle and regulator. Check with your Coachmen dealer or LP supplier about the appliance demands which can be met by your bottle at various temperatures. Always have your LP supplier add anhydrous methanol before filling the bottle in cold weather.

APPLIANCES AND ACCESSORIES

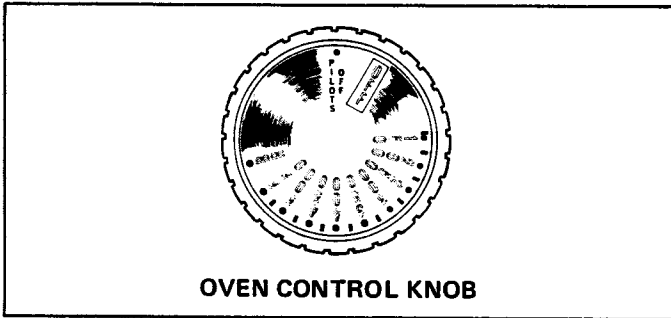
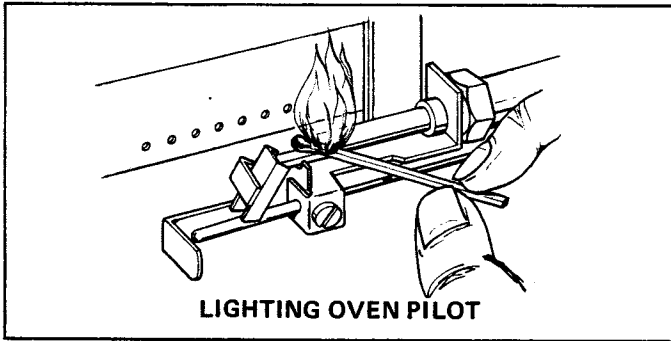
RANGE, RANGE HOOD, OVEN

GENERAL — Your Coachmen truck camper will have a three or four-burner range. Those with four burners also have ovens. Both range models have either power or gravity range hoods with lights. The range burners and oven are LP gas appliances. You should read the manufacturer's manual for complete details on the operation and care of the range, range hood and oven.

LIGHTING THE RANGE — Be certain the LP gas Service valve is OPEN. Light a match and hold it close to the range burner, then turn the burner's control knob to full ON. Air in the line may cause a blowing noise and may extinguish the match. When the line is free of air, the burner will light readily. Adjust the burner flame with the control knob.



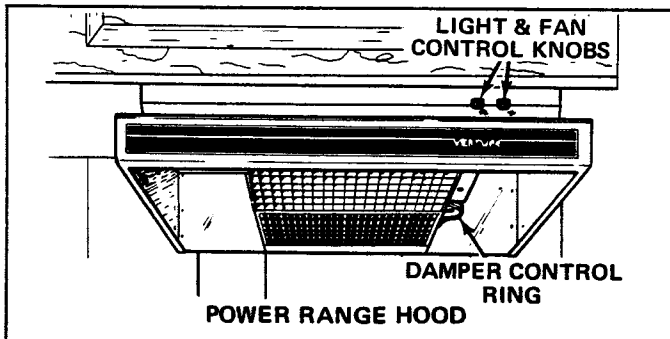
LIGHTING THE OVEN — Be certain the LP gas Service valve is OPEN. Depress and turn the oven control knob counterclockwise from PILOTS OFF to OFF. Open the oven door and hold a lighted match next to the constant pilot area. It is near the rear of the oven compartment, just below the main oven burner. Relight the pilot if the air in the line extinguishes the flame. When the pilot remains lit, adjust the oven control knob to the desired temperature setting.



CAUTION: When using the range burners or oven, open a window or vent. DO NOT use range and/or oven to heat the interior of your unit. Failure to heed these cautions could result in asphyxiation.

BROILER — The oven is equipped with a broiler. To use it, light the oven and set the control knob to "B". Place the broiler pan in the area below the oven burner. Do not place meat too close to the flame, the fat may ignite. Use foil only as recommended; never cover the holes in the broiler pan or the air openings in the oven bottom with foil. Always remove the broiler pan as soon as you have finished broiling. If the pan is not removed and the oven is used, the grease may bake onto the surface or it may ignite.

RANGE HOOD — Your unit will have a gravity or 12-volt range hood. The gravity hood is a vent, which allows fumes to escape through a damper. Raise the damper when cooking. The power range hood has a fan and a light, each controlled by a knob on top of the hood. To operate, pull ring on the right side of the filter to release damper. Turn fan ON to draw smoke and cooking fumes out of the unit. To secure the damper, push the ring in. Keep the damper closed when traveling.



CARE OF RANGE AND OVEN — Allow the range top to cool, then clean it with hot, soapy water. Use a damp cloth to clean chrome surfaces. Grease splatters, which may bake onto the surfaces, should be wiped off before they have time to harden. Use chrome polish to remove stubborn stains. Use a toothpick to clean clogged burner orifices. DO NOT use metal objects, such as an ice pick or wire to unclog burners. They may distort the opening and adversely affect burner operation.

Clean the oven with commercial cleaner after each trip, or as necessary. DO NOT apply cleaner to aluminum gas tubing, thermostat sensing bulb or electrical components.

CARE OF RANGE HOOD — For metal surfaces, use the same procedure as for the range top. For the power hood, clean the plastic light cover by removing and washing it. To clean the power hood filter, push slot located in center front of screen and pull down. If not greasy, simply tap the filter to shake out dirt. If the filter is greasy, run hot, soapy water over it until grease dissolves. Allow the filter to drain and dry then replace by positioning the flanges and push into place. Clean the fan and motor surfaces to remove grease. The gravity hood can be cleaned by gently rubbing a soapy cloth over the screen.

WATER HEATER

GENERAL — The water heater is an LP gas appliance capable of heating 6 gallons of water to a pre-set temperature. It will fill automatically either from the fresh water tank or when the system is connected to a "city" water faucet. When filling the fresh water tank, open a hot water faucet briefly—with the pump switch ON—to allow the water heater to fill.

LIGHTING PILOT — Open the LP gas Service valve. Turn the gas cock knob to OFF. Wait 5 minutes to allow LP gas, which may have collected in the burner compartment, to dissipate. Your unit will be equipped with a Robertshaw "UNITROL" thermostat (Figure 14) or an ITT General Control thermostat (Figure 15).

ROBERTSHAW "UNITROL" THERMOSTAT— Turn the gas cock knob counterclockwise to PILOT. Press and hold the reset button while you apply a lighted match to the pilot burner. Release the reset button after pilot has burned one minute (repeat procedure if pilot goes out). Turn the gas cock knob to ON.

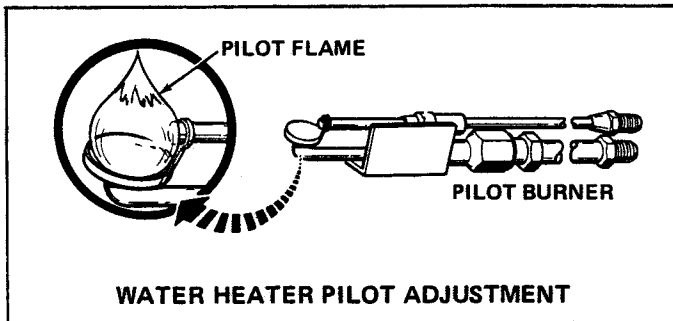
ITT GENERAL CONTROL THERMOSTAT — Turn and hold the gas cock knob to the PILOT position as you hold a lighted match to the pilot burner. Release the gas cock knob after one minute (repeat procedure if pilot goes out). Turn the gas cock knob to ON.

TEMPERATURE CONTROL — Adjust the Temperature Control Dial (UNITROL), or the

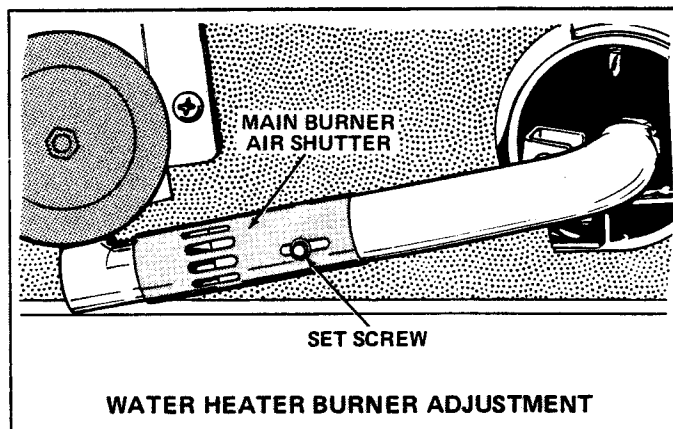
Temperature Selector Lever (ITT) to the desired temperature as marked on the control.

NOTE: The main burner will light automatically and burn as needed to maintain the temperature you have selected. It is a good idea to light the water heater the night before you leave and turn it off in the morning. The water will remain hot for sometime while you are traveling.

PILOT ADJUSTMENT — Remove the pilot adjustment screw protective cap and turn set screw to adjust the flame so it is 1/2" high or has a yellow tip. The procedure for the ITT is the same, but the adjustment screw does not have a cap over it.



BURNER ADJUSTMENT — Loosen the set screw which holds the air shutter in place. Slide the main burner air shutter to the right until the flame has a yellow tip. Slowly slide the shutter to the left until the yellow tip disappears. Tighten set screw.



EXTINGUISHING BURNER — Turn the gas cock knob to OFF.

DRAINING — The water heater will have a drain cock or drain plug, which may be opened or removed in order to drain the water heater tank. To facilitate drainage, open all hot water faucets. When water ceases to drain, close the drain outlet. Because of the location of the drain outlet, about two quarts of water will remain in the bottom of the tank. This can be flushed as described in CARE OF WATER HEATER.

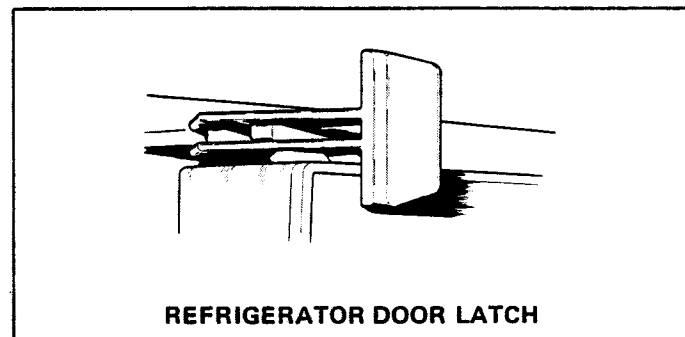
CARE OF WATER HEATER — Be certain the exterior compartment is clean and does not

contain combustible materials. Never obstruct the relief valve or vent. If the water heater has a drain cock, use a metal object to scrape away the sediment. Periodically drain and flush the water heater tank. After draining, the remaining water can be removed by flushing the tank with water or blowing dry with air. In either case, close all hot water faucets and open the drain cock or plug. The water hose or air hose can be connected to the water inlet or outlet (inside the unit) or to the relief valve port (in exterior compartment). To use the relief valve port, the relief valve must be removed. Use a pipe or crescent wrench to turn the valve counterclockwise. Attach water or air hose and flush until water ceases to drain. Replace the water inlet or outlet hose or the relief valve and close the drain cock or replace the plug. The water heater is now ready for refilling or storage.

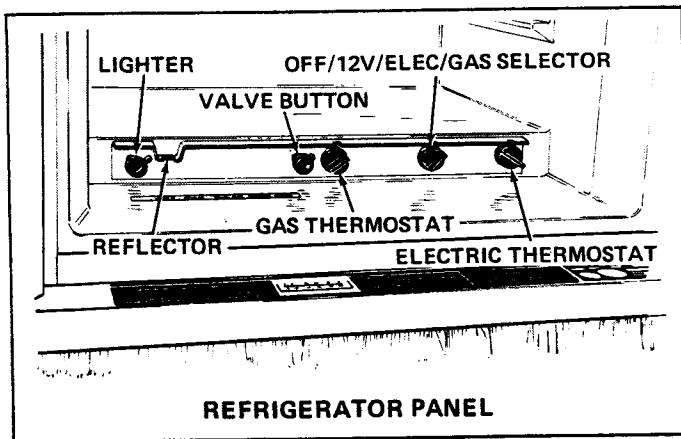
NOTE: The relief valve must be replaced securely. Use pipe compound to assure a water tight seal.

REFRIGERATOR

GENERAL — When you park your vehicle, even for a relatively short period, the refrigerator must be level since it functions on the gravity flow of chemicals. (If you must stop on an uneven site, turn the refrigerator control to zero.) Use a level on the freezer compartment floor to check levelness. Whenever possible, park the vehicle so the refrigerator side will be opposite the sun. Your refrigerator is powered by LP gas, 120-volt or 12-volt electricity. The control panel is located inside the refrigerator door. Before starting on a trip, use the Shoreline connection to cool the refrigerator the night before. Keep items to be stored in your RV refrigerator in your home refrigerator or freezer until you are ready to leave. This will reduce the cooling load on your RV refrigerator and help keep perishable foods fresh longer. Always store food in sealable containers of suitable wrapping. When traveling, switch to 12-volt electrical operation. Use door latch during travel.



LP GAS OPERATION — Turn the OFF/12V/ELEC/GAS selector counterclockwise to GAS. Pull the valve button out while pushing lighter button in. Repeat this until ignition is observed through the reflector. Turn the gas thermostat to the highest number on the dial. Later adjust temperature to meet your cooling requirements.

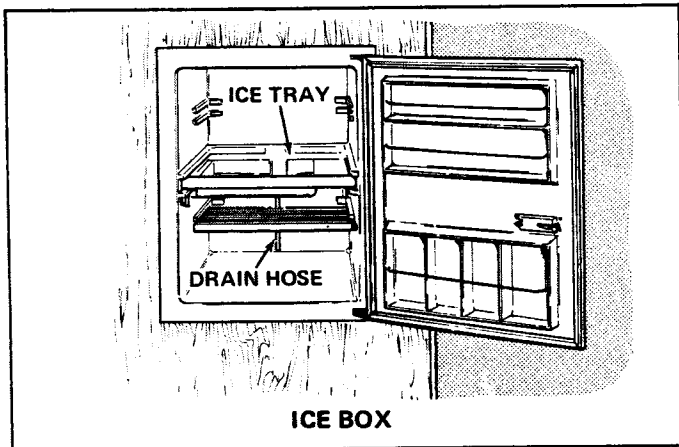


ELECTRIC OPERATION — The refrigerator operates on 12-volt or 120-volt electricity. The refrigerator is the only 12-volt appliance which does not draw power from the converter. Even with the Shoreline connected the refrigerator's only source of 12-volt power is the automotive battery. When parked at a campsite, switch to LP gas or to 120-volt electricity to conserve your battery. Make certain the refrigerator power cord, reached through the exterior access door, is plugged into the 120-volt receptacle, located in the outside compartment. Be sure the breaker is ON.

Push, then turn the OFF/12V/ELEC/GAS selector to the source of power desired, either 12V or ELEC (120-volt). Turn the electric thermostat to the highest number of the dial. Later adjust temperature to meet your cooling requirements.

ICE BOX

Place ice in the top tray. Make sure the hose, located near the back of the tray, is not bent or clogged. Water drains through this hose and onto the ground as the ice melts.

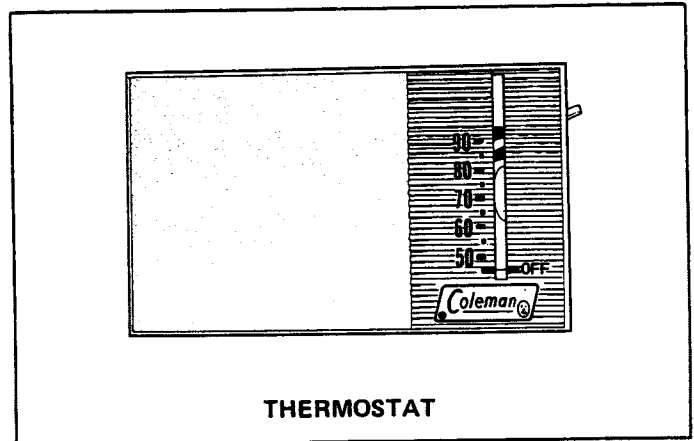


CARE OF REFRIGERATOR AND ICE BOX — Remove food and ice after each trip. Clean interior with warm water and liquid dishsoap. Wipe dry with soft, dry cloth. DO NOT use abrasive cleaning material; it will scratch interior surfaces. Prop the door open during periods of nonuse.

To defrost refrigerator freezer, remove frozen food and ice. Turn off the thermostat. Place a pan of hot water inside the compartment to speed up the defrosting process. Dry the interior with a clean cloth.

FURNACE

GENERAL — The RV furnace is an LP gas appliance. It will be a Piezo ignition model controlled by a wall thermostat. Heat is circulated through a duct system.



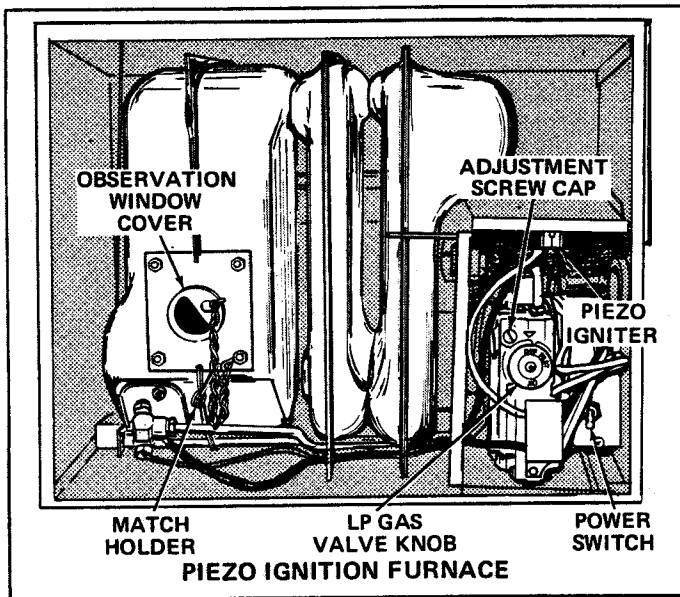
NOTE: It is important to remember that although a furnace's heat source is LP gas, the blower operates on 12-volt electricity. DO NOT operate the furnace for prolonged periods without a 12-volt power source; you could run down your automotive battery.

FURNACE IGNITION — When lighting the furnace, be sure the LP gas bottle's Service valve is OPEN.

To light the Piezo ignition furnace, remove the front panel by pressing down on silver tab and pulling panel outward. Set thermostat to highest setting (blower will start), then turn red gas valve knob to OFF and wait 5 minutes. Reset thermostat to lowest setting (blower will stop). Turn red gas valve knob to PILOT. Depress gas valve knob and light pilot by depressing Piezo igniter until it clicks or snaps. Several strokes may be required before the pilot lights. On initial lighting, the pilot may not ignite immediately due to air in the gas line. If this occurs, it may be necessary to hold the red gas valve knob in for 1 minute or more before the pilot lights. When the pilot ignites, continue to hold in the gas valve knob for 30 seconds or until the pilot remains lighted when the gas valve knob is released. Turn the gas valve knob to ON. Replace front panel and set thermostat to desired temperature.

If the furnace doesn't light, set thermostat to OFF; wait 30 seconds and repeat lighting procedure.

NOTE: If the RV furnace doesn't light after 3 attempts, turn OFF gas control knob, power switch and wall thermostat then contact your Coachmen dealer. DO NOT attempt to repair or adjust the furnace yourself.



PILOT ADJUSTMENT — To adjust the pilot, remove the protective cap screw, rotate the small screw beneath counterclockwise for more flame and clockwise for less flame. Observe the flame through the window. When the proper height is reached, replace the cap screw.

CARE OF FURNACE — Routine maintenance is suggested before lighting the furnace prior to each heating season. Clean the circulating air blower, the inside of the furnace casing and remove any contamination. Check all piping joints with a soap solution to detect leaks. The control compartment must be kept clean at all times. Check furnace Inlet/Exhaust Cover (Figure 16) on the outside of your unit periodically to be certain it is free of objects which might block the openings.

NOTE: Portable fuel-burning heating appliances should not be used for comfort heating in the living area of your Coachmen unit.

ROOF AIR CONDITIONER

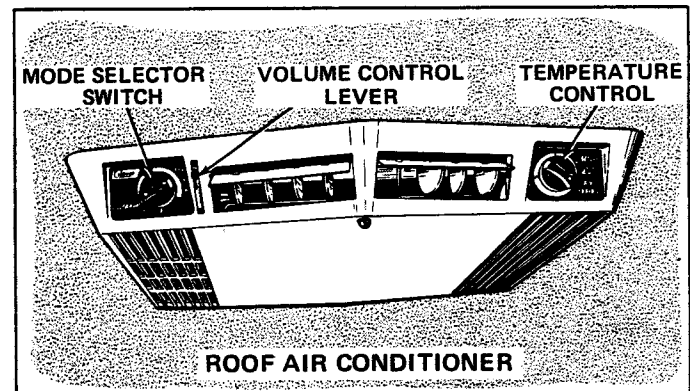
GENERAL — If you did not order the optional roof air conditioner at the time of purchase, your unit is wired so that one can be added. Just order it from your Coachmen dealer. The roof air conditioner will operate **ONLY** on 120-volt electricity.

CONTROLS — The roof air conditioner is controlled by a panel on the portion of the appliance which is attached to the ceiling inside your unit. Turn the control knob clockwise for colder air and counterclockwise for warmer air. You can adjust the air volume by sliding the volume control lever up or down.

MODE SELECTOR SWITCH — You can select **FAN ONLY** or **COOLING** with the Mode Selector Switch. **FAN ONLY** is used to recirculate and filter the air inside your unit. The fan and filters operate during each mode as well, but on **FAN ONLY** there is no cooling function. To cool the air, turn the

selector switch to the desired fan speed within **COOLING** function and turn the temperature control to the desired coolness. For fastest cooldown, turn the air volume control lever to maximum output.

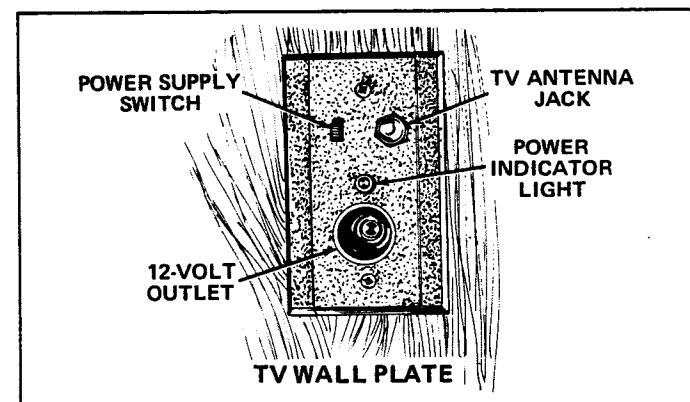
*CAUTION: After turning the air conditioner off, allow 3 to 5 minutes before returning the selector switch to **COOLING**.*



CARE OF AIR CONDITIONER — Remove and clean the filter at least once every two weeks if it is used extensively. Wash filter with soap and water. **DO NOT** operate the air conditioner for extended periods without a filter.

TV ANTENNA

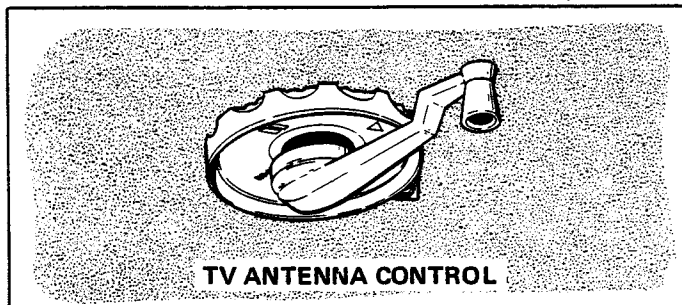
If you plan to use a television set in your Coachmen unit, an optional antenna will improve your reception. A coaxial connection for the antenna cable from your TV set, and a switch which turns on the amplifying system, are mounted on a wall plate. A light indicates when the power outlet switch is on. The plate also may include a 12-volt receptacle for TV sets especially designed for that type of energy.



Simply turn the antenna crank handle in the **UP** direction until some resistance is felt. Pull down the rotating knob to disengage it from the ceiling plate and turn it until you find the best sound and signal.

Always lower the antenna before moving your unit. Turn the rotating knob so that its pointer lines up with the ceiling plate pointer. Turn crank

handle in DOWN direction until some resistance is felt. Turn off the power switch.



INTERCOM

Communication between persons in the truck and in the Coachmen unit is possible with the use of an optional intercom, which operates on 12-volt electricity. To use, press the button down to talk. It will automatically return to the monitor position and allow you to hear the response.

MAINTENANCE

GENERAL

Recreational vehicle owners are noted for the pride they take in the appearance of their units. Proper maintenance will do more than keep your Coachmen truck camper looking nice: it can help ensure trouble-free operation and maximum efficiency of the various appliances and components. Failure to properly maintain the vehicle or its components also may constitute a breach of your warranty obligations. Negligence, misuse or installation of unauthorized equipment could affect the operation of your unit and may void your warranty. See the various manufacturer's manuals for specific maintenance instructions.

ROOF AND SEAMS

Your unit is equipped with a one-piece roof which does not require maintenance, other than washing and waxing. We recommend that you do not walk on the roof, except on areas intended for storage of luggage. Coat awning rails with silicone. Coat window seams with rubber composition sealant.

BODY

Wash dust and dirt, road tar, bird and tree droppings, insects and other foreign material from exterior surfaces. Use a mild soap in cold or luke-warm water. Apply automotive type wax at least once a year.

CAUTION: To avoid marring body surfaces, DO NOT use abrasive cleaning compound or cloth; DO NOT wipe the surface with a dry cloth; DO NOT wash or wax your unit in the hot sun, wait until the surfaces have cooled. Wait 30 days after purchase before waxing your new unit.

SKIDS

Inspect the skids periodically. Remove dirt and rust and apply rust preventative paint.

AUTOMOTIVE SYSTEM

See your chassis owner's manual for recommended maintenance of the automotive system and components.

STORAGE

GENERAL

You should perform the following procedures if you will not be using your unit for an extended period.

LP GAS SYSTEM

Close the LP gas Service valve. Extinguish all pilots and close all LP gas valves. Light a range burner to consume any gas remaining in the lines. When the flame burns out, turn the range burner OFF.

WATER HEATER

Drain the water by opening the drain cock or removing the drain plug and opening all hot water faucets and the relief valve. Close all valves and faucets when water ceases to drain. To flush or blow dry, see CARE OF WATER HEATER in the APPLIANCE section.

FURNACE

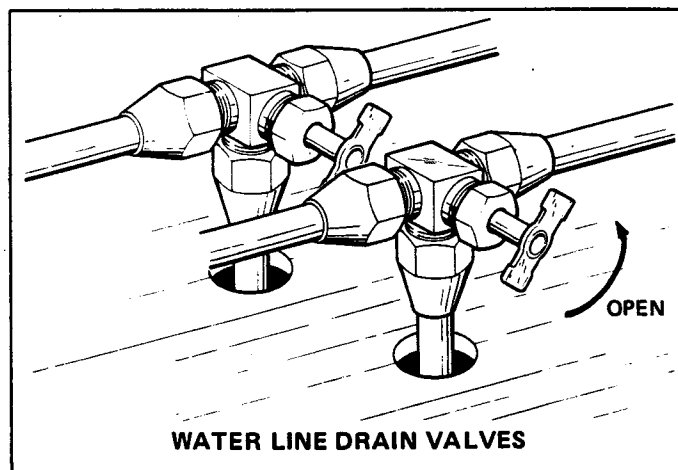
To shutdown the furnace for storage, turn OFF the gas control knob, the power switch and the thermostat.

ELECTRICAL SYSTEM

Turn off all circuit breakers at the service box.

WATER TANK

Turn ON water pump. Open all water faucets. Open the water tank drain valve and the hot and cold water line drain valves. Water line drain valves are inside near the water tank. When the tank is empty, close all faucets and drain valves.



WATER PUMP

When the water tank and water lines have been drained, remove the outlet hose from the pump. Turn the pump ON, allowing it to pump out any remaining water, usually about a cupful. Use a towel or rag to absorb this water. If you wish to blow the lines out with air, apply the air nozzle to the system where the outlet hose has been removed. Be sure all valves are open. You can reattach the outlet hose now or later. The pump is now ready for summer or winter storage.

EXTERIOR

Store your unit in a garage or other shelter, if possible, or cover with a tarpaulin or plastic.

INTERIOR

Close and secure all doors and windows. Open a roof vent or window slightly to allow circulation, but be certain interior damage does not occur during inclement weather.

WINTERIZATION

GENERAL

You should make special preparations for storing your unit in winter. All systems, components and appliances should be inspected and repaired prior to storage. Winterize the unit before removing the batteries.

Drain the fresh water system and water heater as described in STORAGE section, then pour 6 gallons of approved, non-toxic RV antifreeze into the gravity water fill. This will allow you to winterize the fresh water, drainage and sewer systems, and the water heater. Follow the checklist below.

CAUTION: DO NOT use automotive antifreeze in the fresh water system, it is poisonous.

FRESH WATER SYSTEM can be winterized by briefly opening all faucets and turning the pump ON, with all of the sink and shower drains closed. Turn the faucets off when antifreeze flows out. Turn water pump OFF. Water pump should be prepared as described in STORAGE section.

WATER HEATER can be drained by opening the drain cock or removing the drain plug and opening all hot water faucets and the relief valve. Although about two quarts of water will remain, there is ample room for expansion if it freezes. However, this water can be flushed as described in the CARE OF WATER HEATER in the APPLIANCE section, and antifreeze may be added if desired. The antifreeze may be added directly to the water heater tank or after the water system has been winterized, by opening a hot water faucet and the drain cock or plug. Close the drain cock or plug and the faucet when antifreeze appears at the drain outlet.

HOLDING TANK should be drained and rinsed before the antifreeze is allowed to run into it. The

dump valve shaft should be inspected and lubricated if needed. Be certain dump valve is closed.

DRAINAGE SYSTEM should be winterized by removing the sink and shower drain plugs to allow antifreeze to circulate through the lines. Pour an additional 2 cups of RV antifreeze into each drain.

AQUA MAGIC TOILET should be flushed until antifreeze is present in the bowl. Turn the flush knob and insert a round object, such as a soft drink bottle, into the bowl outlet. Slowly release the knob until the blade holds the object in place. This will prevent water residue from being trapped inside the bowl where it could freeze. Leave the object in place all winter.

SHOWER HEAD should be drained and filled with winterizing solution.

LP GAS system should be prepared as described in the STORAGE section. The regulator should be covered to keep moisture out of the vent. Containers should have anhydrous methanol added by an LP supplier.

BATTERIES should be recharged and water added, if needed. Disconnect cables and store in a cool, dry place. Check regularly and recharge as needed.

NOTE: DO NOT store batteries where they might be exposed to extreme heat or sparks. Be sure area is properly ventilated since batteries give off hydrogen fumes.

DRAPES should be removed and washed or dry cleaned.

WINDOWS should be masked with newspaper or similar material.

COUNTERTOPS AND CABINETS should be cleaned.

REFRIGERATOR OR ICE BOX should be cleaned and the door propped open.

FURNACE should be cleaned and exterior vents covered.

RANGE should be cleaned.

BODY should be cleaned and waxed; locks and hinges oiled, and snow accumulation should be removed with a long-handled broom.

UNIT should be placed on low wooden or metal horses, with the jacks down for additional support, on a firm, level surface.

NOTE: Before using your unit after a period of storage, drain the antifreeze from the fresh water system. Prepare for use as described in the Sanitizing Water Tank section, BASIC SYSTEMS section, and Water Tank, STORAGE section.

FIRE SAFETY

Prevention is the best form of fire safety. Follow the instructions previously listed for the care, main-

tenance and operation of the various appliances in your truck camper. Make certain everyone in your party is familiar with emergency features of the unit, the locations of exits and the location and operation of fire extinguishers. A chemical fire extinguisher has been furnished with your unit.

Follow the same rules of prevention that you would at home. DO NOT smoke in bed. DO NOT overload the electrical wiring. DO NOT use matches, candles or lighters to look into dark closets or drawers. DO NOT leave food cooking untended. DO NOT permit children to play with the controls of LP gas or electrical appliances. DO NOT store flammable liquids inside your unit.

If a fire does start, get all members of your party outside. If it is a small fire, use the fire extinguisher. If the fire cannot be extinguished quickly, GET OUT. Close the LP gas Service valve and move a safe distance from the unit. Call the fire department. DO NOT use water on the fire and DO NOT re-enter the unit until officials declare it safe to do so.

EMERGENCY EXIT

There is an emergency exit, identified by a label, at the roof vent above the cabover bunk. To operate, pull the latch outward and push the vent open.

VISITING CANADA OR MEXICO

GENERAL

Passports or visas are not required for entry into CANADA or MEXICO. However, tourist cards are necessary for MEXICO if you will be staying more than 72 hours or travel farther than 40 miles from the border. Cards can be obtained at the port of entry or from a Mexican consulate. You should carry your birth certificate, voter's registration card, baptismal certificate or similar proof of identity when entering either country. Naturalized U.S. citizens should carry their naturalization papers or other proof of citizenship. Persons under 18 years of age should carry a notarized letter from their parents or guardians giving them permission to travel in CANADA or MEXICO.

The information in this section is general in nature and subject to change by the Canadian or Mexican government. For specific information, including rules for re-entering the U.S., as well as points of interest and campsites, contact the consulate nearest the point at which you plan to enter the country.

VEHICLES

No special driver's license or permit is necessary in either country, but renew your license if it has or will expire during the trip. Proof of vehicle ownership is required at the border. If you are using someone else's unit, you should have a notarized

letter authorizing its use. MEXICO requires a vehicle permit for every self-propelled vehicle. The permit can only be obtained from Mexican customs (Auduana) offices upon presentation of tourist card, vehicle registration, and title or notarized statement from owner.

CANADA requires a Canadian Non-Residential Interprovincial Motor Vehicle Liability Insurance card, which is only available from U.S. agents. All provinces in CANADA require evidence of financial responsibility if visitors are involved in an accident. Limits vary from province to province. Contact your insurance agent for details. Your insurance policy is NOT valid in MEXICO. Temporary insurance must be purchased from Mexican companies whose offices are located near the border.

CB RADIO

CB radio operation in CANADA requires a temporary license which can be obtained by writing Regional Director, Telecommunications Regulation Branch, Department of Communications, 20th Floor, 2085 Union Ave., Montreal, Quebec H3A 2C3, Canada. MEXICO currently prohibits the use of CB radios.

HUNTING AND FISHING

Each province has its own laws and license requirements. You must provide a written description and the serial number of each gun at the border. Revolvers, pistols and fully-automatic firearms are prohibited in CANADA. A license must be obtained from the province in which you intend to hunt or fish. Further information can be obtained by writing the Department of Lands and Forests, Wildlife Branch, in the province you intend to visit. Hunting and fishing laws in MEXICO are extremely complicated. Request further information from Secretaria de Comunicaciones, Estados Unidos Mexicanos, Mexico DF.

DOGS AND CATS

CANADA requires a certificate, signed by a licensed veterinarian in the U.S. or CANADA, attesting that a dog has been vaccinated for rabies in the past 12 months. The certificate must contain a description of the dog and date of vaccination. Puppies under 3 months old need no certificate. There is no restriction on the entry of healthy cats.

A certificate, signed by a licensed veterinarian, describing the pet and attesting that it has had a rabies shot in the past 6 months, is required in MEXICO. A fee is charged for the required verification of the certificate by a Mexican consulate.

COACHMEN WARRANTY

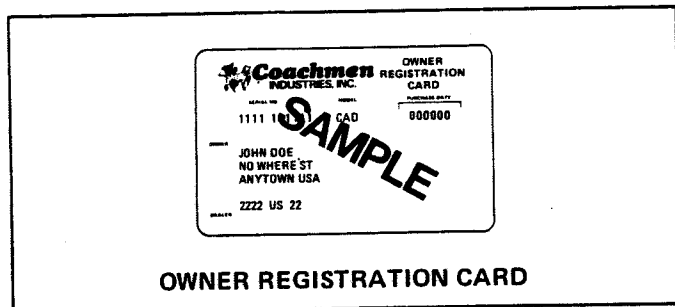
GENERAL — Every Coachmen product is backed by our position as an RV industry leader, achieved

through years of experience in producing units noted for their quality and dependability. Our one-year limited warranty, a pioneer in the RV industry, demonstrates our confidence in Coachmen products and is a commitment to customers' continued satisfaction.

Every effort has been made to provide you with a safe, dependable recreational vehicle. Your Coachmen RV complies with applicable federal and state regulations and the requirements of ANSI A119.2, the nationally-recognized "Standard for Recreational Vehicles - Installation of Plumbing, Heating and Electrical Systems". The Recreation Vehicle Industry Association (RVIA) periodically inspects Coachmen production and assists in maintaining strict compliance with installation and safety standards for those systems. Similar periodic inspections are made by representatives of the Canadian Standards Association (CSA) and various states. You, the owner, must perform periodic inspections of the systems and provide a program of preventive maintenance as described in the Owner's Manual and instruction booklets.

WARRANTY SERVICE - Coachmen recommends that warranty service be performed by the authorized dealer from whom you purchased your RV because of the dealer's continued and personal interest in your satisfaction. But if you are traveling or in the event that you move, service under the Coachmen warranty will be performed by any authorized Coachmen dealer in the United States or Canada. Whenever possible, make an appointment to avoid unnecessary delays.

Always carry your Owner Registration Card, which must be presented to obtain warranty service (carry your Temporary Owner Registration until you receive the plastic card from Coachmen). The card is proof of purchase and provides the date of retail sale, which are necessary to determine warrantability. Subsequent owners covered under terms of the warranty will be provided an Owner Registration Card for the unexpired term of the warranty. If you cannot locate an authorized dealer, contact Coachmen Service, P.O. Box 1000, Middlebury, Indiana, 46540, telephone 219/825-8239.



Warranty Period - The warranty period shall begin on the date the recreational vehicle is delivered to the first retail purchaser.

Who Is Covered - The first retail purchaser and subsequent owners during the unexpired term

of the warranty, provided terms of the warranty are met.

What Is Covered - Coachmen warrants to owners that an authorized Coachmen dealer or Coachmen Service Center will make repairs made necessary by defects in material or workmanship during the warranty period. Such repairs will be made without charge for parts and labor to the owner.

What Is Not Covered - The Coachmen warranty does not cover the motor home chassis, tires, tubes, batteries or optional generators, repairs or adjustments required because of neglect, accident, misuse, failure to follow service and use instructions, normal wear and/or exposure, unauthorized repairs or unauthorized modifications to any part of the systems or body that might cause defective performance. Coachmen does not assume responsibility for loss of use of the recreational vehicle, loss of time, inconvenience or expense due to equipment failures (refer to the warranty statement for other exclusions and limitations).

Other Warranties - Be certain to complete and submit to the appropriate manufacturers the warranty forms for motor home chassis, tires, tubes, batteries, and optional generators, which are not covered by the Coachmen RV Limited Warranty. If service or parts are required for these products, refer to the furnished list of factory-authorized service centers. If the list is not available, write or call the manufacturer concerned to obtain the location of the nearest authorized service center.

OWNER RELATIONS

Owner's satisfaction and goodwill are of primary concern to Coachmen. We recognize that our continued success as a leading manufacturer of recreational vehicles depends upon your complete confidence in our products and service. A pleasant and effective relationship through our dealers is as important as maintaining the technical excellence of our product. Your authorized Coachmen dealer will assist you in providing service, maintenance, selection of options and instructions concerning the operation of your recreational vehicle.

Occasionally, a warranty or service matter may not be handled to your satisfaction. Often it is the result of a misunderstanding and can be resolved at the dealer level. Discuss the situation with the dealership management. If you cannot find satisfaction at the dealer level, we invite you to contact Coachmen Owner Relations Department, where we will make every effort possible to provide an agreeable solution. In most instances, we will eventually refer you back to the local dealer with our recommendations.

Write or telephone Owner Relations at:
Coachmen Service
P.O. Box 1000
Middlebury, Indiana 46540
Telephone: 219/825-8239
Attn: Owner Relations Department

EMERGENCY CONTACTS

DOCTOR	NAME	_____	NAME	_____
	ADDRESS	_____	ADDRESS	_____
	PHONE	(AC) _____	PHONE	(AC) _____
RELATIVE	NAME	_____	NAME	_____
	ADDRESS	_____	ADDRESS	_____
	PHONE	(AC) _____	PHONE	(AC) _____
NEIGHBOR	NAME	_____	NAME	_____
	ADDRESS	_____	ADDRESS	_____
	PHONE	(AC) _____	PHONE	(AC) _____
POLICE	PHONE	(AC) _____	PHONE	(AC) _____
FIRE	PHONE	(AC) _____	PHONE	(AC) _____
INSURANCE AGENT	NAME	_____	NAME	_____
	ADDRESS	_____	ADDRESS	_____
	PHONE	(AC) _____	PHONE	(AC) _____

ADDITIONAL OR OPTIONAL EQUIPMENT WEIGHING OVER 20 LBS. WHEN INSTALLED

12,000 BTU Roof Air Conditioner	---	155 lbs.
16,000 BTU Furnace	---	39 lbs.
Water Heater — <i>includes 6 gallons of water</i>	---	92 lbs.
Marine Toilet/Holding Tank/Lavatory	---	30 lbs.
Second LP Gas Bottle — <i>includes 20 lbs. of LP gas</i>	---	38 lbs.
Luggage Rack and Ladder	---	50 lbs.
Hide-A-Bed	---	56 lbs.
3-Burner Range	---	23 lbs.
4-Burner Range/Oven	---	71 lbs.
75 Lb. Ice Box — <i>includes 75 lbs. of ice</i>	---	91 lbs.
4 Cu.-Ft. Refrigerator	---	95 lbs.
6 Cu.-Ft. Refrigerator	---	108 lbs.
Convenience Group — <i>includes exterior 120-volt receptacle, patio light and switch, sink covers, assist grab handle, screen door, wire and frame for roof air conditioner</i>	---	40 lbs.

APPLIANCE AND COMPONENT IDENTIFICATION FORM

Should your unit or one of the appliances require warranty service, you will have to identify the manufacturer, model designator and serial number. Fill in this form as soon as possible. It will help you meet our identification requirement. Depending on your unit, certain items listed below may not be offered as either optional and/or standard. Most of this information can be found on the Recreational Vehicle Data Card attached to the inside of one of the kitchen cabinet doors.

EQUIPMENT	MANUFACTURER	MODEL DESIGNATOR	SERIAL NUMBER
Truck Camper	<u>COACHMEN</u>	_____	_____
Furnace	_____	_____	_____
Range and Oven	_____	_____	_____
Converter	_____	_____	_____
Refrigerator	_____	_____	_____
Water Pump	_____	_____	_____
Water Heater	_____	_____	_____
Roof Air Conditioner	_____	_____	_____
Intercom	_____	_____	_____
Antenna	_____	_____	_____
Toilet	_____	_____	_____
Door Key	_____	_____	_____
Exterior Storage Compartment Keys	_____	_____	_____

SPECIFICATIONS

LIGHT BULBS			TRUCK CAMPER PLUG CODE	DESIGNATOR	COLOR
Interior 12 VDC	-	#1141	Back Up	S	Blue
Range Hood	-	25 Watt, 12 VDC	Interior	A	Black
Turn, Tail and Stop	-	#1157	Right Turn	RT	Brown
Backup	-	#1156	Left Turn	LT	Red
License Plate	-	#67	Ground	GR	White
Clearance, Grab Handle	-	#67	Running Lights	TM	Green
Patio	-	#93			

120 VAC LIGHT BULB – Used in units without 40 Watt converter.

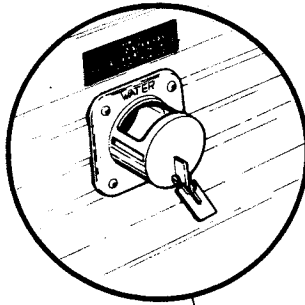
FUSE/CIRCUIT BREAKER SIZES

12 VDC Appliances	-	15 Amp Fuse
120 VAC Circuits	-	15 Amp Fuse
120 VAC Roof Air Conditioner (U.S.A. Installation)	-	20 Amp Breaker
120 VAC Roof Air Conditioner (Canadian Installation)	-	15 Amp Breaker

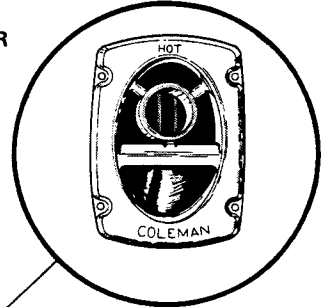
WATER PUMP FUSE – 15 amp Slo Blo

MISCELLANEOUS – See the advertising brochure for the exterior dimensions and weight ratings which pertain to your unit.

GRAVITY WATER FILL
FIGURE 10



FURNACE INLET/EXHAUST
FIGURE 16



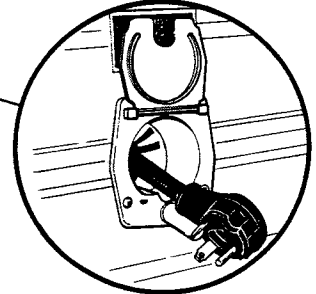
EMERGENCY
EXIT

RANGE HOOD
VENT

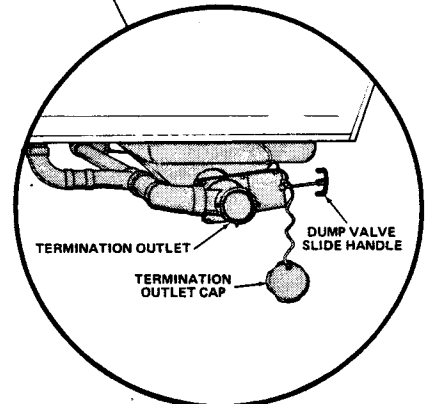
REFRIGERATOR
ACCESS DOOR



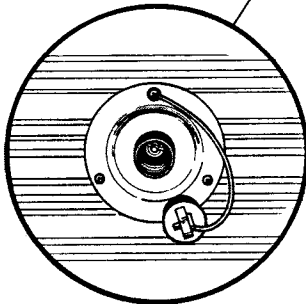
SHORELINE
FIGURE 8



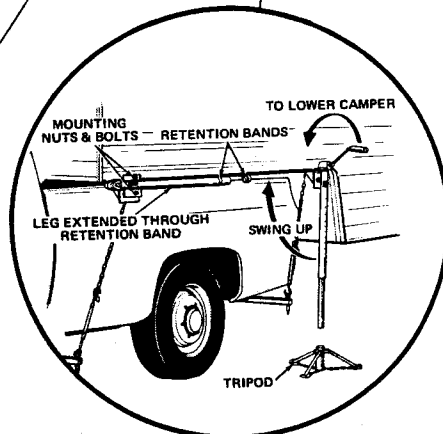
STEP LEVELING RAMP
FIGURE 4



TERMINATION OUTLET
FIGURE 11

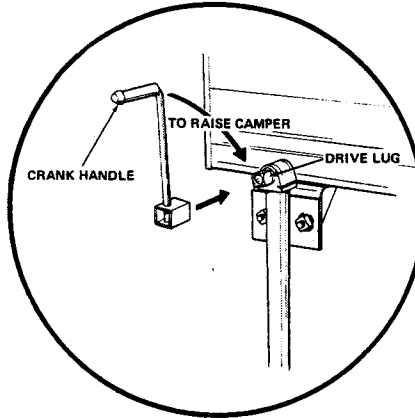


CITY WATER FILL
FIGURE 9

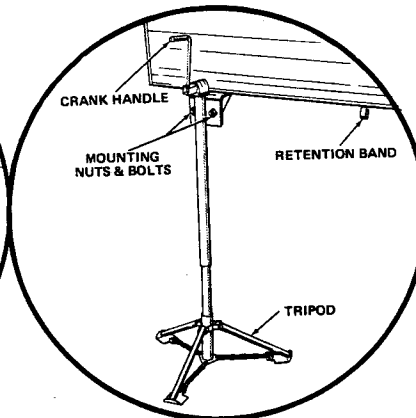


TRIPOD JACK
FIGURE 2

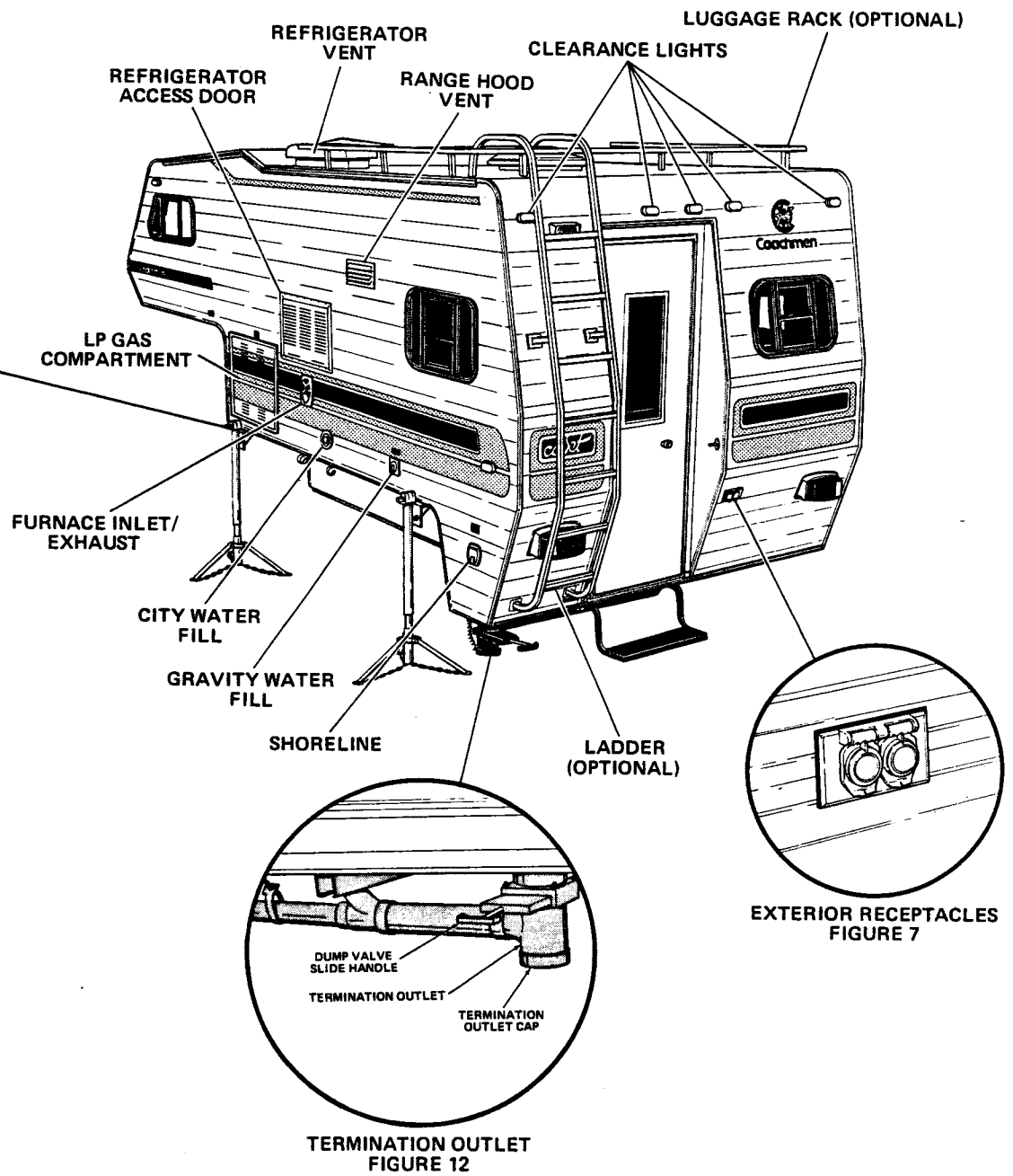
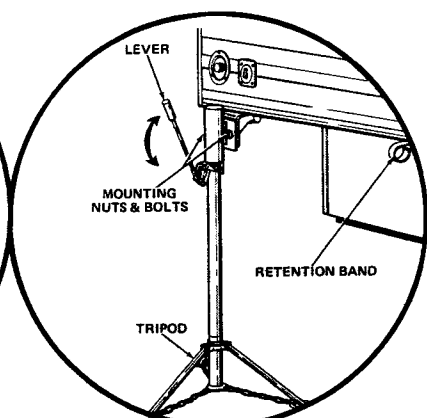
CRANK AND DRIVE LUG
FIGURE 1



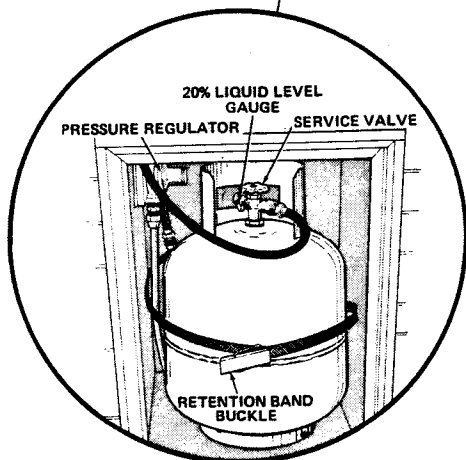
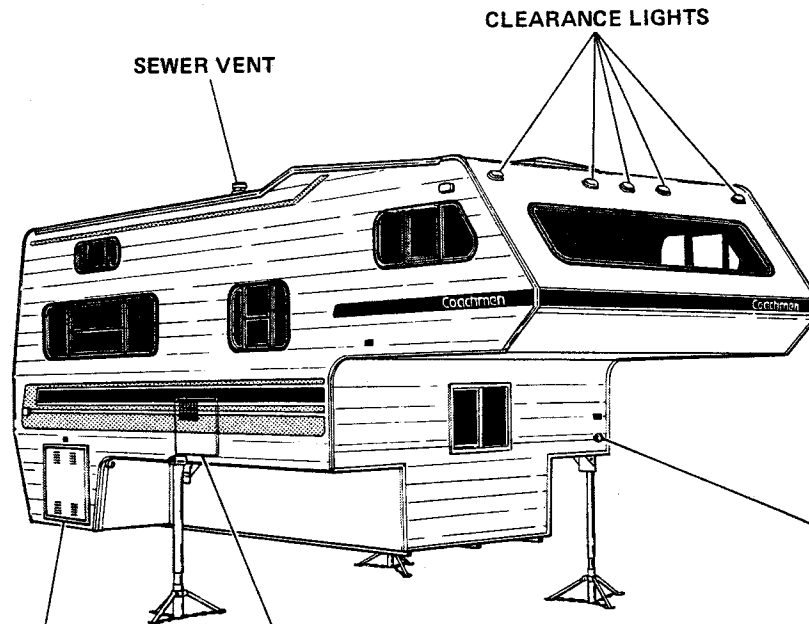
JACK RETENTION BAND
FIGURE 5



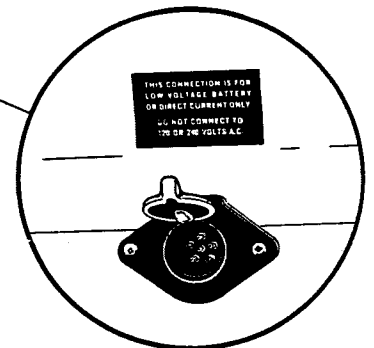
HYDRAULIC JACK (OPTIONAL)
FIGURE 6



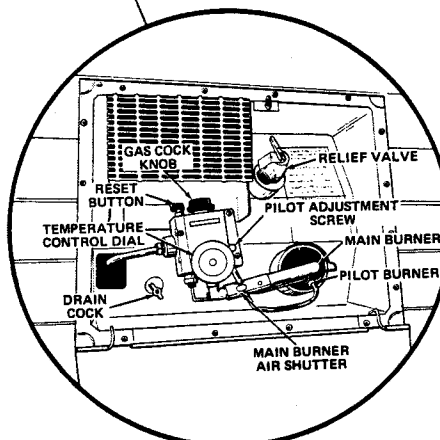
COACHMEN TRUCK CAMPER



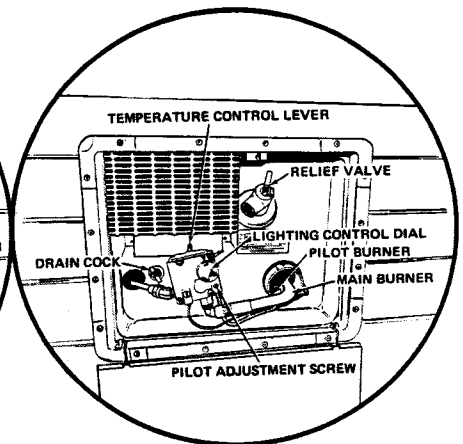
LP GAS BOTTLE
FIGURE 13



PIGTAIL SOCKET
FIGURE 3



WATER HEATER (ROBERTSHAW)
FIGURE 14



WATER HEATER (ITT)
FIGURE 15

VEHICLES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY; SOME ITEMS SHOWN ARE NOT AVAILABLE ON CERTAIN MODELS AND MAY BE OPTIONAL ON OTHERS.

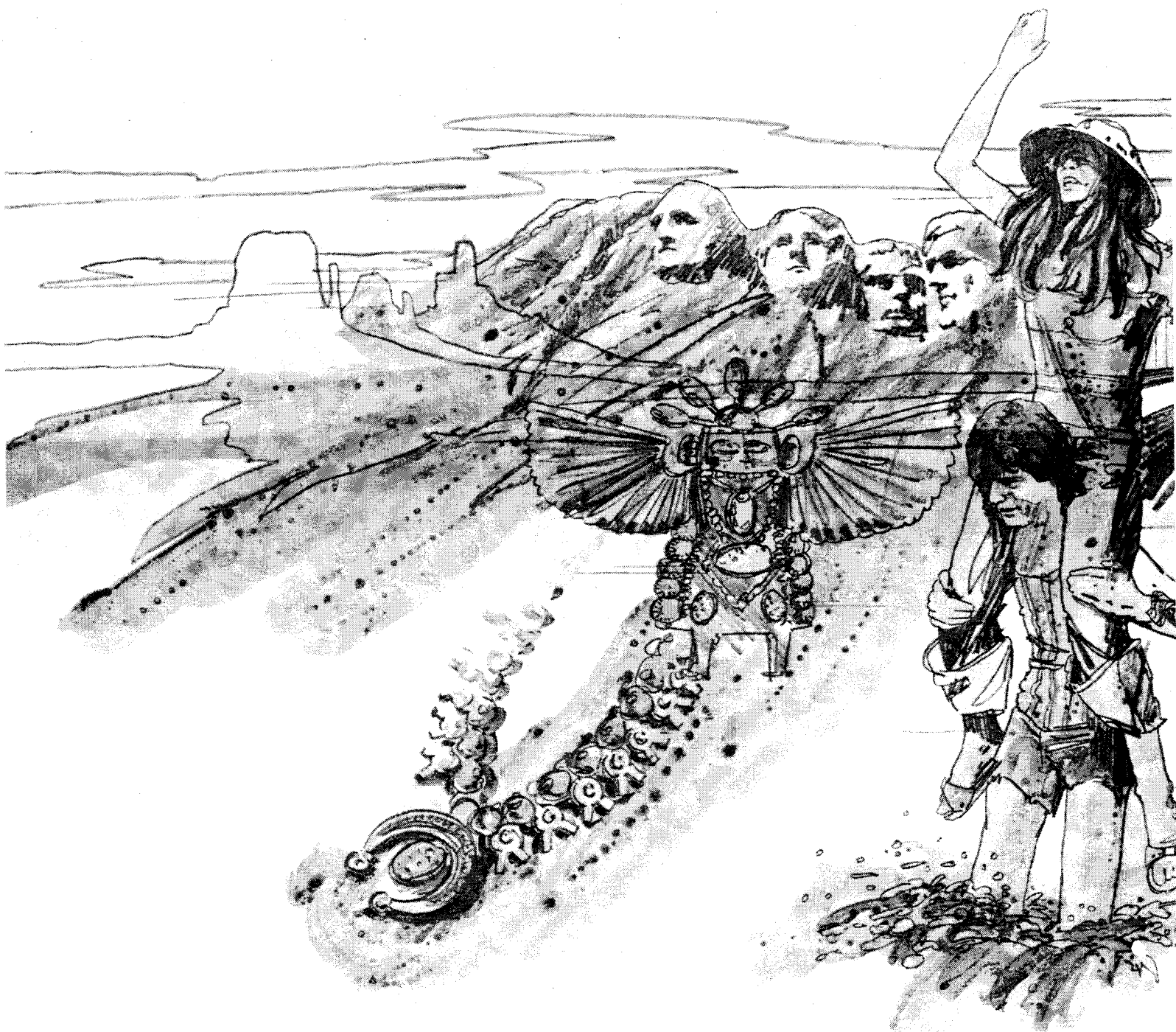


YOU'VE CHOSEN COACHMEN ALL-AROUND VALUE!

As a new Coachmen owner, you've made a sensible choice among recreational vehicles. Your Coachmen is built with care and craftsmanship, and your choice of Coachmen is backed by . . .

- Coachmen Industries, Inc., the world's largest full-line manufacturer of recreational vehicles.
- A coast-to-coast network of happy-to-serve-you dealers.
- Coachmen's famous "Buck-Stopper" customer service. Your Owner Registration Card is your ticket to fast, dependable, one-stop service nationwide and in Canada.
- The International Coachmen Caravan Owner's Club, to bring you the most pleasure in owning an RV.
- Traditional high trade-in value for any recreational vehicle built by Coachmen!

COACHMEN — AMERICA'S #1 SELLING NAME IN RV'S.



RECREATIONAL VEHICLES

P.O. BOX 1000
MIDDLEBURY, IN 46540
(219) 825-8239

8-784.0M-C

Litho in U.S.A.