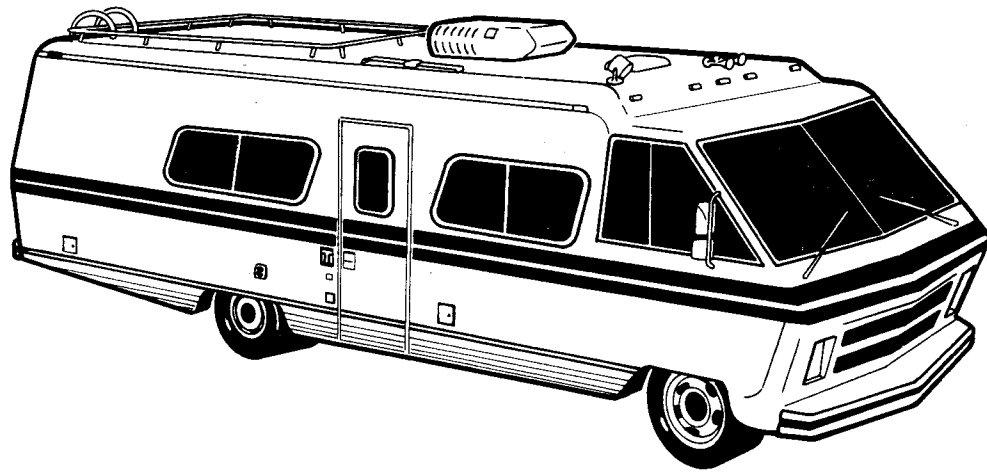


1978 - 1980

*Leadership
in
Luxury*



owner's manual

SPORTSCOACH

Welcome to the ever-growing family of happy Sportscoach owners. Hours of relaxation, adventure and enjoyment are possible for you in your new unit. Thousands of Sportscoach 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 motor home 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 "Sportscoach 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.

Sportscoach Corporation of America works year 'round to improve its products. Accordingly, all specifications, equipment, and prices set forth in our literature are subject to change without notice or obligation.

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

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INTRODUCTION

GENERAL

We welcome you to the growing Sportscoach community. We know how excited and eager you are to take your new motor home out on its first trip. We believe that it is ready to go — but are you? We have designed and built your unit to rigid standards. We have tested it thoroughly and your dealer has given it careful retesting and inspection prior to delivering it 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 your 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 Sportscoach 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.

TRAVEL PREPARATION

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 and silverware, 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 motor home, 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 the 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 warmed or until you reach your destination). Ask your dealer about potable antifreeze.

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, shovel, tire pressure gauge, small level, electrical and masking tape.

ADDITIONAL TOOLS

You may also want to take a hatchet, saw, 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 recreation 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 a free lifetime pass for persons 62 and over and covers all admission fees and a 50 percent discount on use fees (except fees charged by private concessionaires). 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 only 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.

PRE-TRAVEL CHECK

GENERAL

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

LIGHTS should be tested, including brake lights, warning flashers, clearance lights, taillights, turn signals and headlights. Clean all lens covers.

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

WINDSHIELD should be clean, wiper blades inspected, and windshield washer reservoir filled.

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

WATER FILL hoses must be disconnected and the caps and hatches secured.

SEWAGE TERMINATION VALVES must be closed and locked. The sewer hose must be removed from the termination outlet and stored in the side compartment. The termination caps must be securely fastened to the termination outlets.

WINDOWS AND VENTS should be closed and secured (the rear windows should remain closed while driving to avoid drawing exhaust fumes into the vehicle).

TV ANTENNA must be cranked down to its travel position.

LP GAS TANK and gas line connections should be checked.

NOTE: Some states prohibit vehicles equipped with LP gas tanks 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.

DEEPWELL ENTRY STEP needs no pulling or pushing. In addition, its cover stores in a convenient slot or provides a level floor, flush with the door (Figure 1).

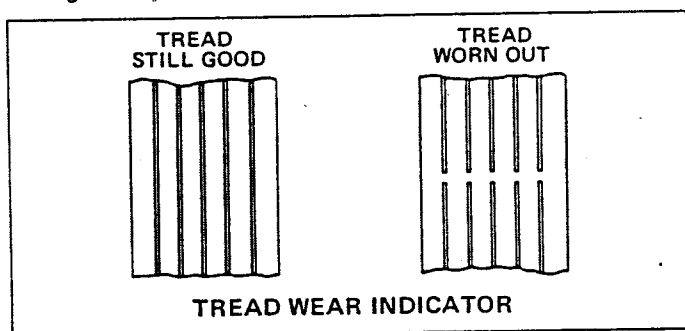
EXTERIOR ACCESS DOORS for storage and equipment should be closed and locked.

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

REFRIGERATOR DOOR should be secured with the travel latch.

AUTOMOTIVE SYSTEM should have the pre-travel check outlined in the chassis 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-belted tires.

Each morning inspect tire condition and pressure on your unit. 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 chassis manufacturer's owner's manual.

LOADING

GENERAL

A properly-loaded vehicle will perform better and handle more safely. Distribute your cargo evenly from side-to-side and front-to-back. Store heavier items on or close to the floor and as centrally as possible. Lighter items may be stored in cabinets, closets and drawers. Luggage or similar cargo trans-

ported inside your motor home should be secured to prevent it from causing damage in case of a sudden stop or accident. Remember to leave space and weight allowance for souvenirs or other items you may purchase during your travels.

WEIGHT DETERMINATIONS

It is extremely important that you weigh your vehicle prior to leaving on a trip to determine whether your cargo is within the allowable limits for the various suspension components. Check the Federal Sticker or the Vehicle Identification Number (VIN) plate for the maximum weight ratings of each axle and the proper tire inflation for the intended load.

FEDERAL STICKER

Found on the panel at left of driver area, the Federal Sticker lists the Sportcoach Serial Number, the front and rear Gross Axle Weight Rating (GAWR) and the Gross Vehicle Weight Rating (GVWR). The VIN Plate also lists the GAWR, GVWR and the Chassis Serial Number.

DEFINITIONS

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

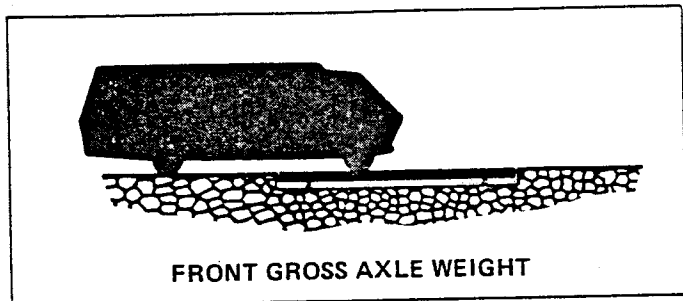
GVWR — The maximum permissible weight of your vehicle, including cargo, all options and passengers.

GVW AND GAW — Are found by weighing the vehicle fully-loaded. GVW is the actual weight of the motor home and all standard and optional equipment, cargo and passengers. GAW is the portion of the fully-loaded vehicle which is transferred to each axle.

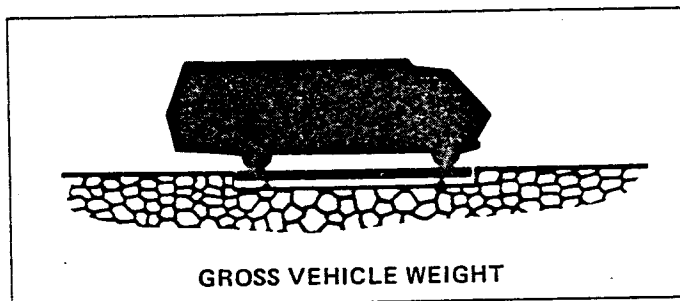
You can weigh your vehicle at a grain elevator, sand and gravel dealer or government weighing station (they are listed in the yellow pages of your telephone directory). The small fee involved may save you considerable trouble and expense later. Be certain to weigh the motor home with all passengers, cargo, LP gas and water aboard.

WEIGHING

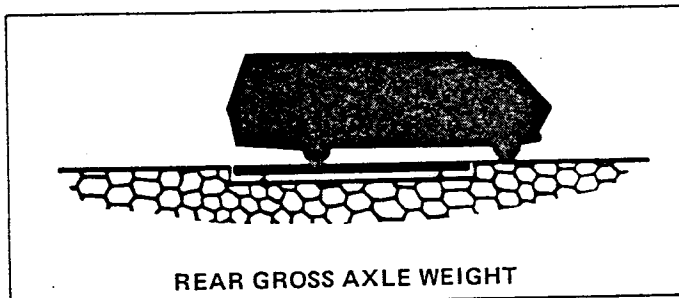
STEP 1 — Drive only the front axle of the motor home onto the scale. Compare the weight to the front GAWR listed on the Federal Sticker.



STEP 2 — Pull forward so that the front and rear axles are on the scale. Compare the weight to the GVWR listed on the Federal Sticker.



STEP 3 — Pull forward so that only the rear axle is on the scale. Compare the weight to the rear GAWR listed on the Federal Sticker.



NOTE: If any of the weights exceed the listed rating, relocate the passengers and redistribute or remove a portion of the cargo, until the weight is within the proper tolerance.

DRIVING

GENERAL

Power steering and power brakes help make driving your Sportscoach motor home as effortless as possible. But you must remember that the motor home is longer, higher and wider than a family automobile. Be especially watchful for low bridges, overpasses, awnings or similar obstructions, which might damage your roof or accessories mounted on the roof. Watch for overhanging tree branches which also can do considerable damage to the windshield or roof of your motor home (refer to the brochure for clearance measurements). Before leaving on a trip, you may want to practice turning, braking, backing and accelerating.

PULLING INTO TRAFFIC

Check for oncoming traffic in all directions. Signal before entering the traffic flow. Accelerate slowly and smoothly and remember to compensate for less acceleration than that of a vehicle with a higher power-to-weight ratio.

TURNING

Because of the length of your Sportscoach motor home, always pull farther ahead before turning either left or right, to allow sufficient clearance for the rear of your vehicle.

PASSING

Avoid sudden maneuvers when passing another 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 rearview mirrors and signal lane change before passing. When you are safely ahead of the other vehicle, signal lane change and return to your original lane.

DRIVING ON A GRADE

When climbing or descending a steep grade, manually downshift the transmission to a lower gear.

BRAKING

Allow a safe distance in which to stop your motor home. Never follow another vehicle 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 when you are not intending to stop. "Riding" the brakes will waste gasoline and can cause excessive brake temperatures, lining wear and possible brake failure.

OVERHEATING

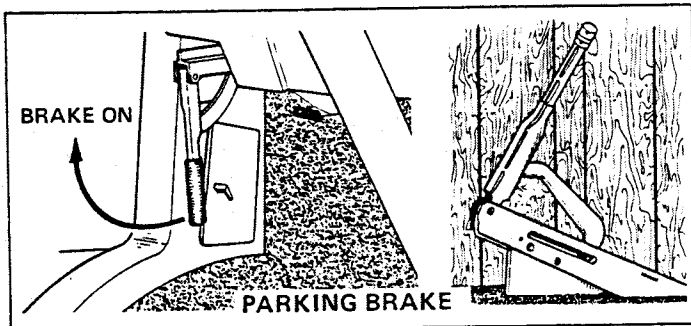
If your motor home's engine overheats, pull well off the road. Shift to Park (P) for Chevrolet and GMC, or Neutral (N) for Dodge, and run the engine with your foot resting lightly on the accelerator pedal. If the engine does not cool within 2 to 3 minutes, turn it off and locate the problem.

Engine temperature problems may be avoided if you climb long grades and descend moderately-steep grades in second gear; climb steep grades in first gear and if your unit has auto air conditioning, turn it off.

CAUTION: DO NOT exceed the maximum speed listed in the chassis manufacturer's manual for first and second gear — excessive engine speed will overheat the transmission, which may cause early transmission failure.

PARKING ON A GRADE

Always apply the foot brake then set the parking brake, when parking on a grade, before moving the shift lever to Park (P). When preparing to move the vehicle, move shift lever out of Park (P) before releasing parking brake. If this sequence is not followed, you may not be able to move the shift lever out of Park (P). If this torque lock does occur, you may have to have another vehicle nudge yours very slightly until you can move the shift lever.



HOLDING ON AN UPGRADE

Use foot brake or parking brake and Park (P) position to hold the vehicle on an upgrade. Using a driving gear to hold the unit may cause the engine or transmission to overheat. DO NOT idle the engine for more than one minute with the transmission in gear.

FREEING A STUCK VEHICLE

To pull your vehicle out of snow, sand or mud, apply slight pressure to the accelerator pedal and move the gear selector lever rhythmically between first gear and Reverse (R). If possible, keep the front wheels pointed straight ahead. Avoid sharp

turns. Once the vehicle 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

We do not recommend towing trailers (boat, camping, travel trailers) or other vehicles with this unit.

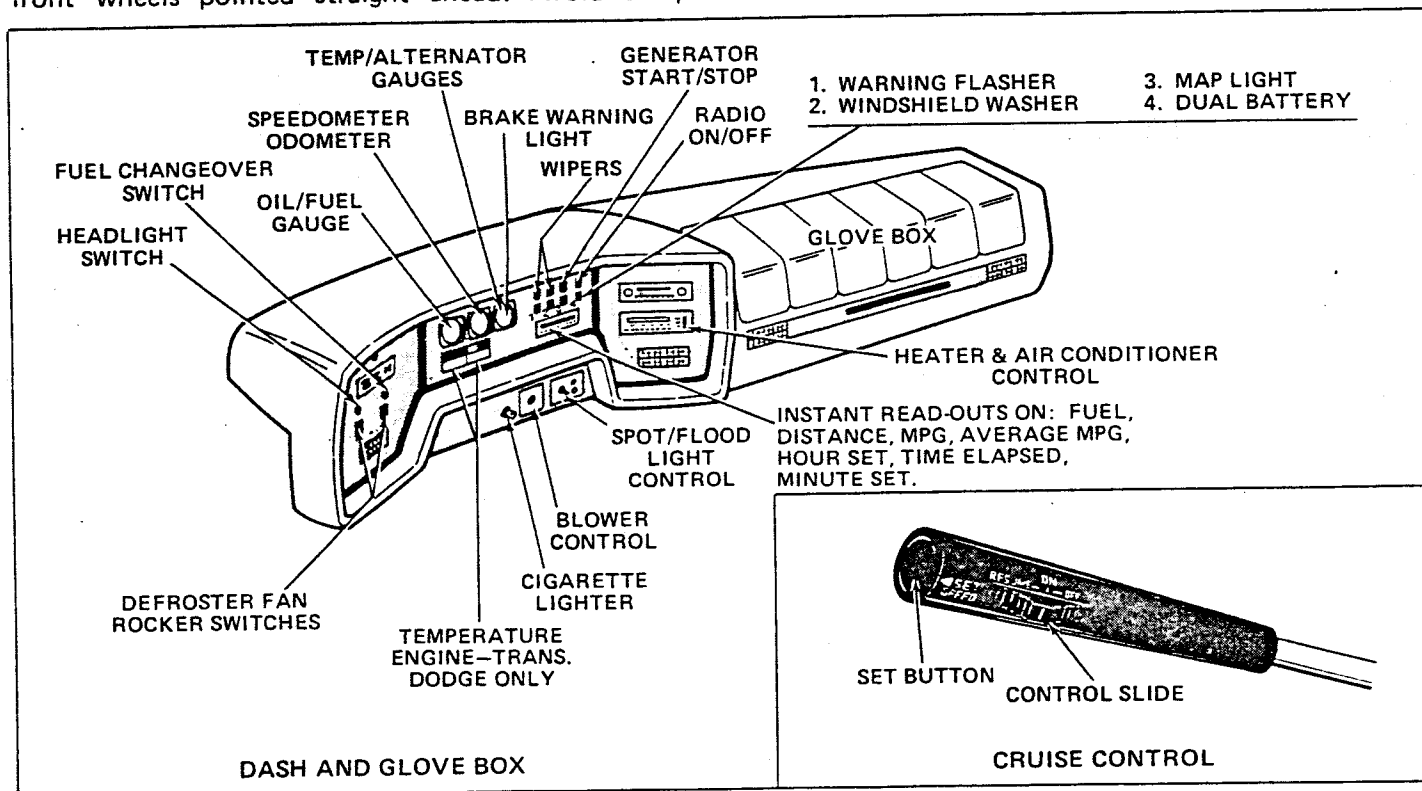
TIRE CHANGE

Change a tire on as level and firm a surface as possible. If you are on the roadside, activate the vehicle's hazard warning flashers. Apply parking brake and move transmission selector to Park (P). Set up flares and/or warning lights. See the chassis manufacturer's owner's manual for specific jacking and tire removal and replacement instructions which pertain to your unit. Stop at the nearest service facility and have the torque checked.

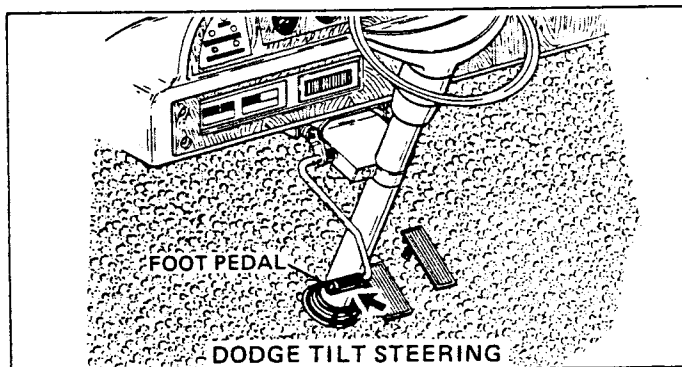
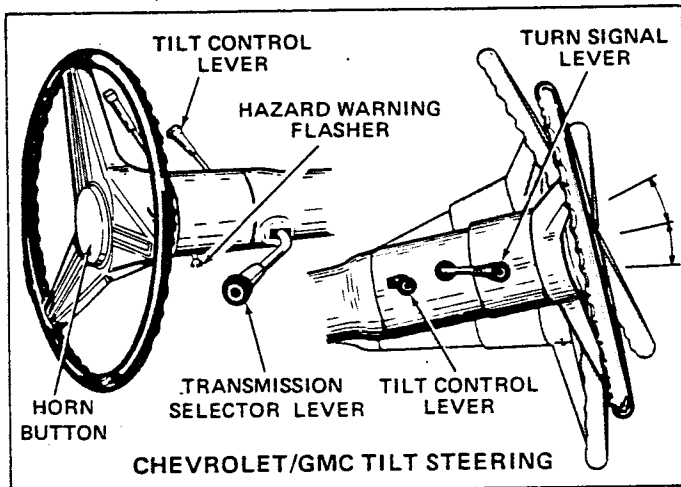
CAUTION: Use the jack only for changing tires. Never get beneath the vehicle when using the jack; never start or run the engine while vehicle is on the jack. Always securely stow the spare tire on the spare tire carrier and return all jacking equipment to its proper storage area.

DASH BOARD/CONTROLS

Your Sportscoach motor home automotive instruments and controls are designed for convenience and safety. Read the chassis manufacturer's owner's manual for complete details on operation and maintenance of the systems.



TILT STEERING WHEEL — The tilt steering wheel can be moved to allow additional room for entrance and exit, as well as selected driving positions above and below normal height. Operate the tilt mechanism by lifting the small control lever on the left side of the steering column just below the directional signal lever (on Chevrolet or GMC chassis) or by depressing the foot pedal on the left side of the steering column (on Dodge chassis). Move the steering wheel to the desired position and release the lever or pedal to secure in place.



CRUISE CONTROL

The Cruise Control, mounted on the turn signal lever, allows the vehicle to hold any desired speed from 30-mph up. To activate, accelerate to the desired speed, slide the Control Switch outward to ON and depress the Set Speed button in the end of the control, momentarily. Release the accelerator to let the Cruise Control take over. To reset at a higher speed, accelerate to the desired speed push in the Set Speed button fully and release slowly. To reset at a lower speed, hold the Set Speed button in firmly. Let the vehicle decelerate to the speed desired and then slowly release the button. For passing, when you need more power, just depress the accelerator. When you let up on the accelerator, the vehicle will return to the pre-set speed. Slide the Control Switch inward to OFF whenever you want to disengage the system temporarily. When you slide it to RESUME, the control will return the vehicle to the previous speed setting. To disengage completely, touch the brake pedal lightly.

CAUTION: Do not use Cruise Control when conditions are not suitable for maintaining a constant speed, such as in heavy or varying traffic or in strong winds or on slippery roads.

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 untended and always make certain the embers are completely extinguished.

LIVING AREA

SETUP

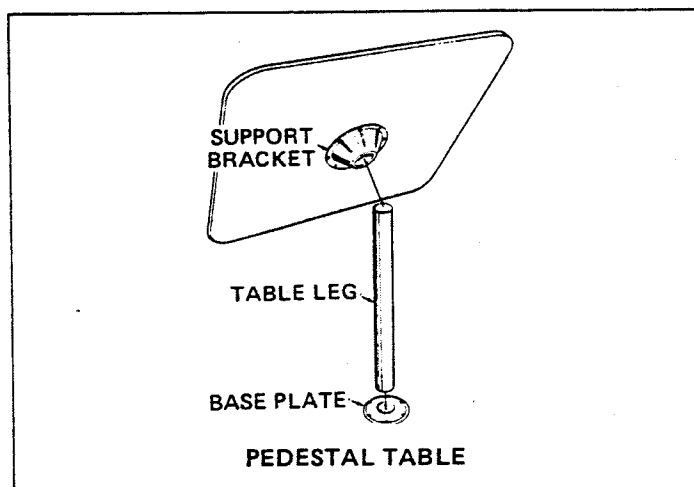
You'll want your motor home to be level for your own comfort (you don't want items sliding off counters and tables or out of cabinets). But more important, the unit must be level in order for your refrigerator and drainage system, both of which function by gravity, to operate properly. Place a level on the bottom of the refrigerator freezer compartment or in a normally level location inside the vehicle to determine proper levelness. Bubble levels are furnished with some refrigerators and are available from your Sportscoach dealer.

NOTE: When the unit has been leveled side-to-side and front-to-back, you may wish to permanently attach levels on the front and/or back and sides of the unit or inside near the driver, on the sidewall and dash panel. 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.

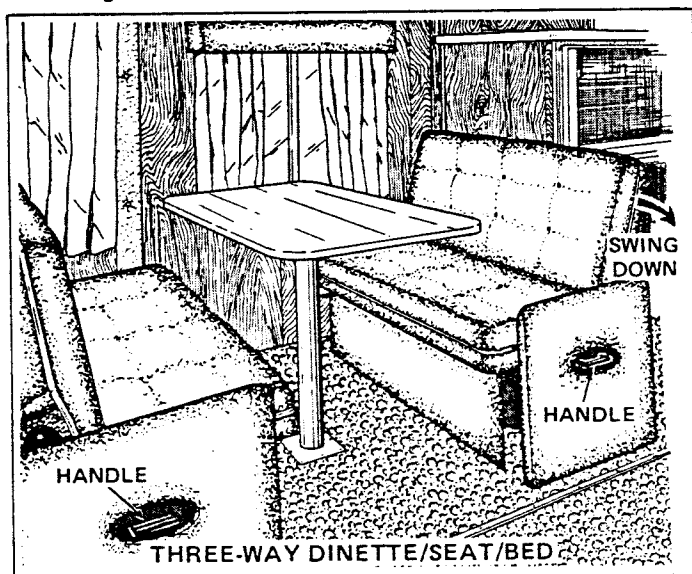
If your unit needs side-to-side leveling, make a step leveling ramp (Figure 2) using 1" x 6" or 2" x 6" boards of varying lengths. Pull forward or back onto the leveling ramp until the tire(s) on the low side are level. There also are numerous commercial levelers available; ask your Sportscoach dealer about them.

TABLES

PEDESTAL TYPE — Insert table leg into recessed floor base. Lower table support bracket onto the leg. Some pedestal tables also have foldout leaves and come in various sizes.



THREE-WAY DINETTE SEAT — To change seat direction, pull out the handle; lift and rotate backrest to face in other direction. Press down on seat and push in on the handle. Test the seat to make sure it is locked in place. The front dinette seat must face forward if it is to be occupied while traveling.



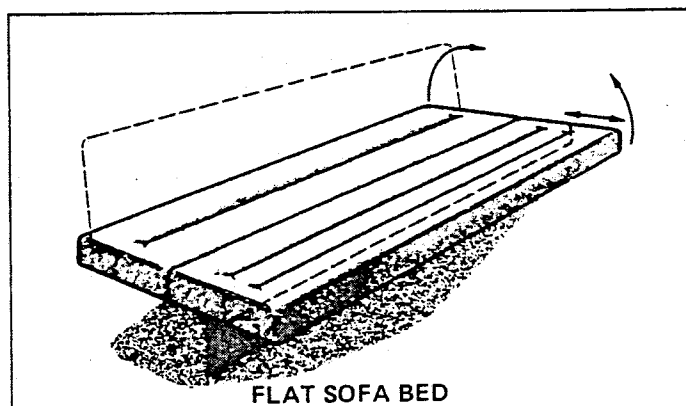
BEDS

THREE-WAY DINETTE/SEAT/BED — To make the three-way dinette seat into a bed, remove the dinette table. Be certain the seats are in the table

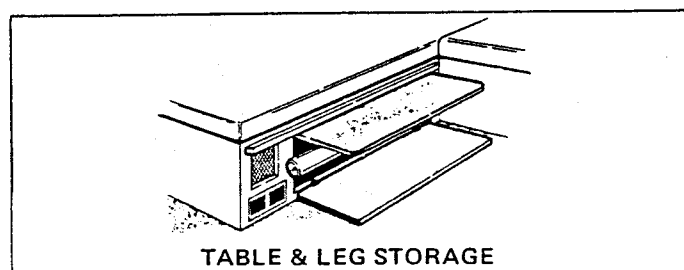
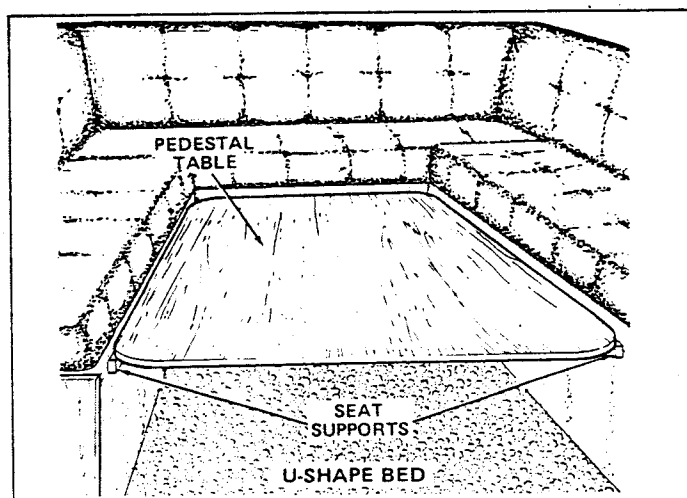
setup position. Pull out the handle and push down on the backrest. Push the handle back into the locked position. Repeat this procedure on the opposite seat to assemble the other half of the bed.

SINGLE GAUCHO — Remove table. Lift front edge of gauchio platform and slide it out. Arrange cushions on platform.

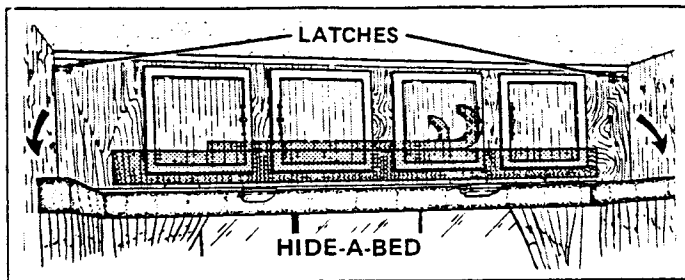
SOFA — To make the sofa into a bed, remove extra cushions and the armrests. Lift and pull outward on the bottom of the sofa. Fold the upper back cushion down to form a level mattress. The armrests may be used as pillows if desired.



U-SHAPE BED — The U-shape dinette converts into a large bed. Remove the pedestal table, place it on the seat supports and arrange cushions on top.



CABINET HIDE-A-BED — Open both end cabinet doors. Release latches (one is located inside at each end of 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.



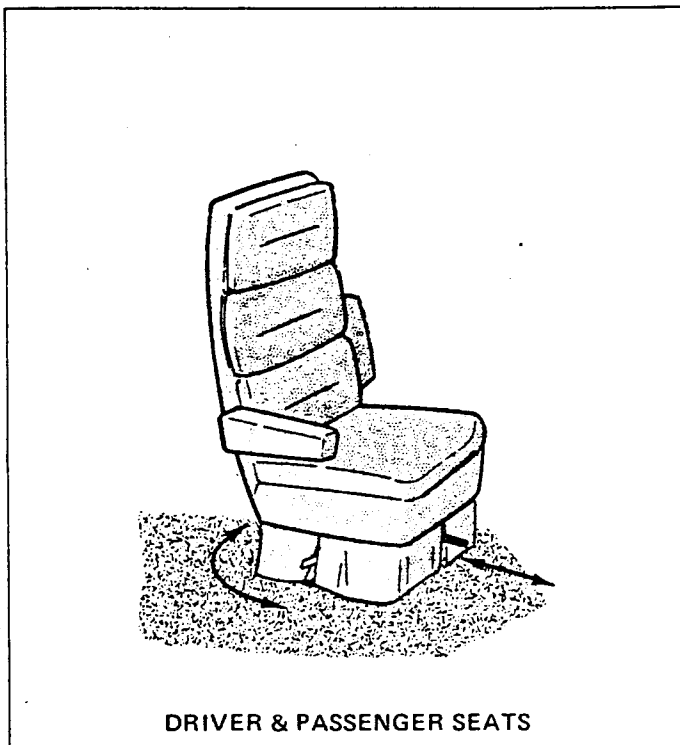
DIVIDER DRAPES — A divider drape to separate the living area from the driving area is optional on all models. The drape slides along a ceiling track. When open, it can be attached to the unit's side, behind the driver, with a tieback.

The standard windshield drapes slide along a track over the sun visors. The drapes meet in the center of the windshield when closed. Secure with tiebacks on either side of the unit when open.

A wooden fold divider door, standard in some models, slides along a ceiling track. Secure on the unit's side with the tieback when not being used.

BARREL CHAIRS — To swivel seat, push down on lever located on the right side of seat and turn seat to desired position. Swing arm rests up or down as desired.

DRIVER & PASSENGER SEATS — Fully adjustable, fore and aft, the front driving compartment seats also provide full-swivel freedom to make entry and exit easier; but also to permit turning, when parked, to join in the conversation and other activity in the front living area. The front lever permits fore and aft movement; the side controls the swivel.



SPECIAL STORAGE LOCATION NOTES

CARE OF SHADES — The woven wood shades, in some models, should be vacuumed only.

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

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. Vacuum and shampoo carpet as required.

BASIC SYSTEMS

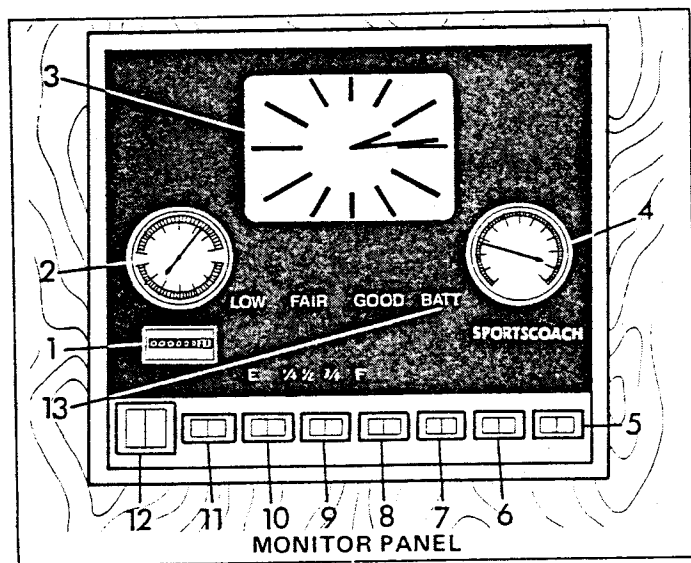
GENERAL

The basic utility systems in your Sportscoach motor home 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. It is not intended as a service guide. Your motor home has been engineered and built to provide trouble-free operation, but should a problem arise, we recommend that you contact your authorized Sportscoach dealer.

THE SCII COMMAND CENTER provides controls, gauges and instruments to give you a quick survey of the electrical and fluid systems of your coach. It also incorporates a clock, hygrometer and thermometer. The Power Plant Hour Meter (1) records total hours of generator operation. The thermometer (2) is bi-metallic, accurate to within one degree and can be adjusted by a screw on the back. The clock (3) operates on a "C" type battery for -12 months. Replace the battery from the back of the clock. The hygrometer (4) indicates relative humidity and can be re-set from the back. The battery condition switch and voltmeter (5*) permit reading the coach (auxiliary) batteries (Position 1) to the left and the engine (coach) battery (Position 2), right. The LP Gas Level Switch and Gauge (6*) indicate the amount of liquid fuel in the LP tank. The Refrigerator Alarm Control Switch activates a buzzer which sounds whenever the gas pilot goes out. An indicator light above the switch (7*) also signals but both the light and the buzzer only function if the Panel Power Switch (11) is ON. The Water Pump Switch (8) controls 12-volt power to the water pump. An indicator light above the switch shows whether the pump is ON. The Holding Tank Level Switch (9*) is dual-action to permit reading the waste water (Position 1) to the left and gray water (Position 2) to the right. It indicates the fluid level in each tank. The Water Level Switch (10*) shows the amount of fresh water in the tank. The Panel Power Switch (11) controls the 12-volt power to various Control Panel switches and gauges.

*Turn switch 11 ON to check 5, 6, 7, 9 and 10:



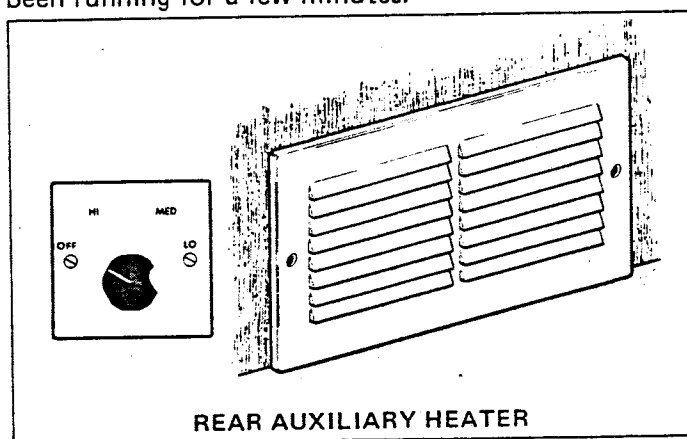
NOTE: If Test 5, above, shows LOW battery power, reduce the load on that battery and re-charge as soon as possible. The engine battery is for engine and chassis requirements only. The coach auxiliary batteries operate all low-voltage

items in the coach. If the shoreline is connected to 120-volt AC, Test 5 will not be accurate.

The generator START/STOP Switch (12) is a press/hold/release switch which automatically returns to center OFF position. Press and hold to left to start generator. Release when engine is running. To stop generator, press and hold switch to right until engine has stopped completely. The light above the switch indicates that the power plant is running. The Battery Liquid Level Warning Light (13) glows if the liquid level in one cell of one of the auxiliary batteries is low. It is an indication only that each cell should be checked and filled, if need be.

REAR AUXILIARY HEATER

This automotive-type heater provides heat, while traveling, for the rear of the coach only. It uses heat from the engine cooling system and provides a 3-speed blower to circulate air when the ignition switch is in ON or ACCESSORY positions. Heated air is quickly available after the engine has been running for a few minutes.



REAR AUXILIARY HEATER

ELECTRICAL

GENERAL

Your motor home has two separate electrical systems, which provide power while you are camped or traveling. There is a 12-volt direct current system, such as those in automobiles, and a 120-volt alternating current system, which requires an external source of 120-volt electricity, provided by a connection to a campsite or household receptacle or by an optional generator. The 12-volt system is supplied by batteries and is used when you are on the road or in campsites which do not provide 120-volt hookups. Because most components in your motor home, such as the water pump, range hood light and fan, interior lights and interior 12-volt receptacles, operate only on a 12-volt source, your vehicle is equipped with a power converter which changes 120-volt AC to 12-volt DC power.

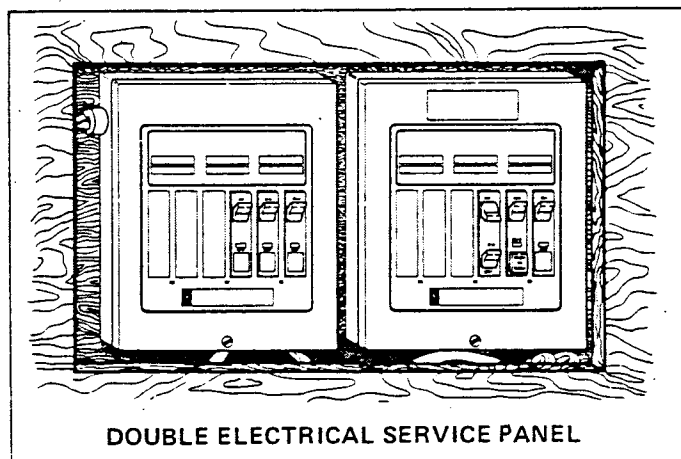
NOTE: Whenever possible, use the Shoreline or auxiliary generator in order to conserve your RV battery.

120-VOLT SYSTEM

The 120-volt system supplies electricity for

standard roof air conditioners, the refrigerator, power converter for the 12-volt system, the exterior 120-volt receptacles (Figure 3), and the 120-volt receptacles inside your motor home which are used to operate regular household appliances. When you use the external 120-volt Shoreline connection or an auxiliary generator, the power source is directly connected into a main electrical Service Panel or secondary Service Panel and is distributed through circuit breakers.

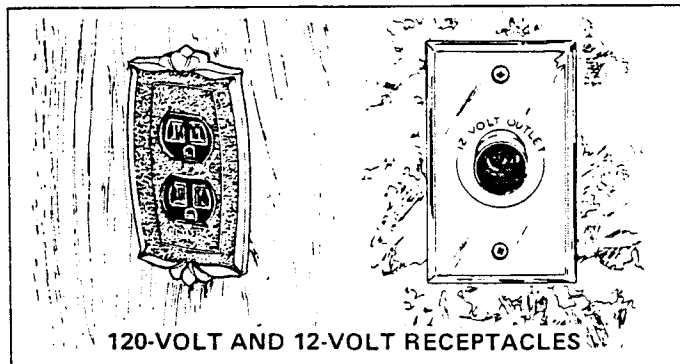
GROUND FAULT INTERRUPTER — The bath and exterior receptacles are connected to a Ground Fault Interrupter (GFI). This highly-sensitive circuit breaker will help protect against severe electrical shock if a ground fault develops. If this occurs, the GFI will break the circuit by turning the power off to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



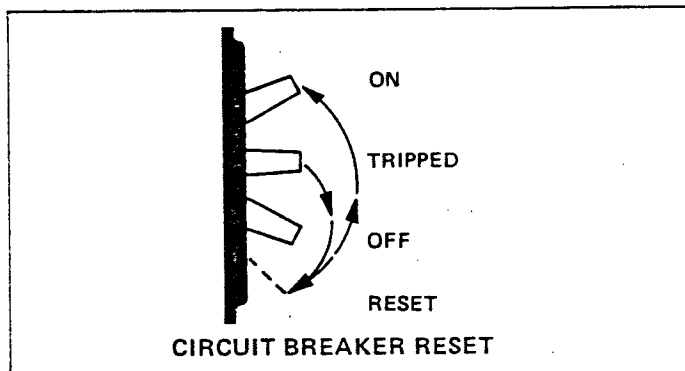
CAUTION: The GFI does not completely eliminate electrical shock. Small children and persons with heart conditions or other disabilities that make them especially sensitive to electrical shock may still be injured by a ground fault on the bath or exterior receptacles.

Test the GFI system at least once a month, preferably before each trip. 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 not pop out or the test light indicates a live circuit, DO NOT use the outlets. Call your Sportscoach dealer.



SHORELINE CONNECTION — The Shoreline (Figure 4) is a 25', 30-amp power cord with a 3-prong grounding plug on one end, permanently attached at the other end to the Service Panel. It can be pulled from its storage compartment through a hatch in the sidewall of your vehicle and connected to an external 120-volt receptacle. Some campsites and trailer parks still have two-slot receptacles. 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. When the power cord is not connected to an external receptacle, plug it into the Shoreline compartment receptacle (Figure 5). 120-volt power will be provided to the unit through this connection when the generator is running.



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, reduce the load and contact your Sportscoach dealer.

12-VOLT SYSTEM

The 12-volt system, which includes the automotive battery and RV battery (Figure 6) plus the 12-volt converter, supplies power to the exterior and interior lights, the range hood fan and light, the furnace blower, the refrigerator, water pump, porch light, 12-volt receptacles and monitoring panel.

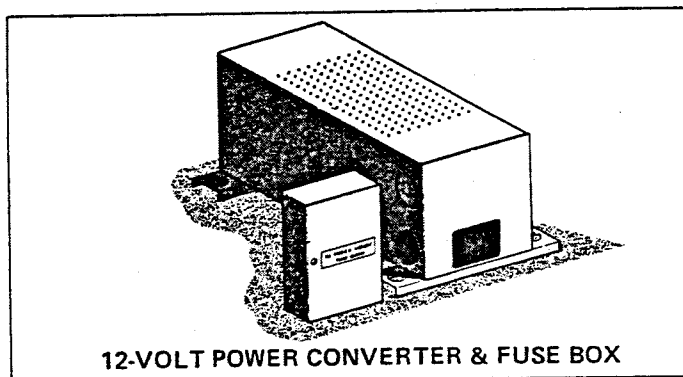
The automotive battery supplies 12-volt power to the engine ignition system, the dashboard lights and accessories, headlights, taillights, backup lights, clearance lights, turn signals and warning flasher lights. The automotive alternator will charge both the automotive and the RV batteries, although an isolator prevents the RV system from drawing power directly from the automotive battery.

The RV battery supplies power to the furnace blower, water pump, power vent, range hood fan and light, interior lights, refrigerator and monitoring panel. The 12-volt receptacles can be used only for appliances specifically designed for that type of energy. The RV battery also is charged by the power converter whenever you are using a Shoreline connection or generator.

BATTERY — Check the liquid level at least once a month. It must be above the plates. The battery manufacturer approves using a good grade of drinking water, excluding mineral water. Keep terminals free of dirt and corrosion. Use a hydrometer to check battery charge. When specific gravity is below 1.225, recharge the battery until 1.265 is indicated.

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

CONVERTER — The power converter transforms 120-volt AC into 12-volt DC. It is located in the sink cabinet and supplies power to all of the 12-volt systems (except the refrigerator) when it is supplied by a 120-volt source. Each 12-volt circuit is protected by a fuse in the fuse box. Remove the screw and open the fuse box 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. If a fuse blows, turn off or unplug all appliances on that circuit. Replace the blown fuse with one of the same ampere rating. If the fuse continues to blow, contact your Sportscoach dealer.



AUXILIARY GENERATOR

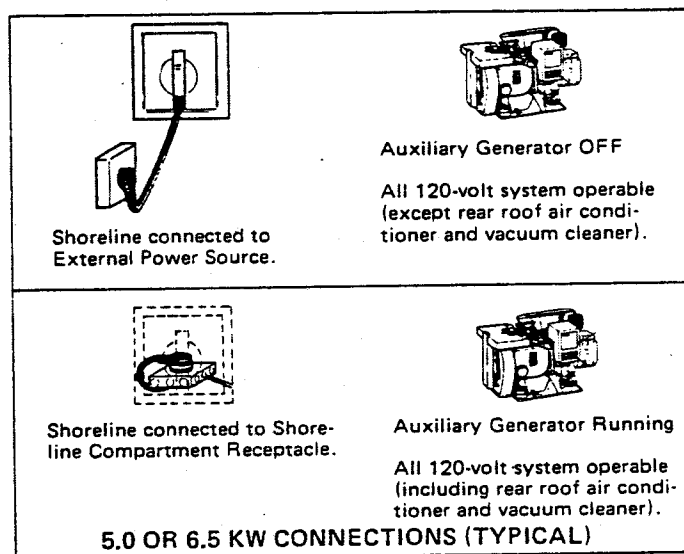
The auxiliary generator (Figure 7) is a gasoline-powered appliance which supplies 120-volt AC power. It draws fuel from the auxiliary (rear) gasoline tank and can be operated when your motor home is stopped or while you are traveling. Two remote generator starter switches are mounted in your unit and there is a starter switch on the generator. For maintenance or service, the generator can be pulled out of its compartment on slider tracks. Remove the bolt at each side to pull generator out of the compartment. Be certain to push the generator into its compartment and replace the bolts securely before using the generator or moving your motor home.

Before starting the generator, turn off all electrical appliances in the unit, make certain the air intake and exhaust outlets are free of obstructions and check the oil level. Check the Shoreline power cord to be sure it is plugged securely into the receptacle in its compartment (Figure 5). Depress the START/STOP switch to START and hold until the generator is running (when released, the switch will return to a neutral position). You may have a

5.0 or 6.5 KW generator. The 5.0 KW generator is available on all Sportscoach 2700 Models. The 6.5 KW unit is used on 3100 and 3300 Sportscoach Models.

The rear air conditioner and vacuum cleaner are connected directly to the generator and cannot be operated by shore power. However, the above equipment plus all other 12/120-volt equipment can be powered by the generator when the shoreline is plugged into its receptacle. Or, all of the other equipment may be powered by shore power while the generator powers the rear air conditioner and vacuum cleaner.

A switch located in the overhead cabinet beside the microwave controls power to it. With this switch the front air conditioner is shut off while the microwave is being used.



To turn the generator off, press the START/STOP switch to OFF and hold until the generator stops running.

Check the oil level daily or before each startup; clean the cooling air inlets and outlets and remove loose dirt from the generator compartment. Change oil every 50 hours or six months, whichever comes first. If operating in dirty or dusty conditions, change oil more frequently. Drain oil from crankcase. Use oil specified in the manufacturer's manual. Remove the air cleaning element and clean it by tapping it against a flat surface. Every 100 to 200 hours, depending on operating conditions, have an authorized service center perform maintenance recommended by the manufacturer.

WARNING: When running, the engine powering a generator can discharge carbon monoxide gas, which can cause death if inhaled even for a short period. Although exhaust fumes are usually readily evident, carbon monoxide is particularly dangerous because it is colorless and odorless. When operating a generator, DO NOT open roof vents, windows or doors which could draw fumes into your unit. DO NOT operate the generator where an object, such as a tree, bush or building, may deflect

exhaust fumes inside your unit. **DO NOT** operate the generator inside a building unless the exhaust is vented safely outside. **DO NOT** operate the generator where exhaust gas could accumulate and seep back inside an occupied vehicle, tent or building.

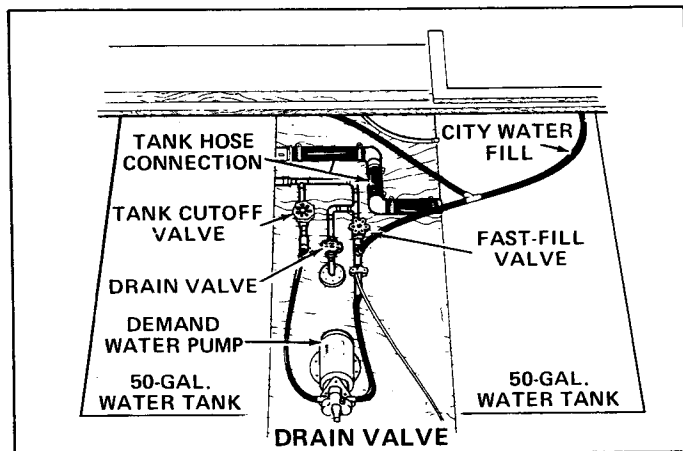
FRESH WATER SYSTEM

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, tub/shower, lavatory, toilet and water heater.

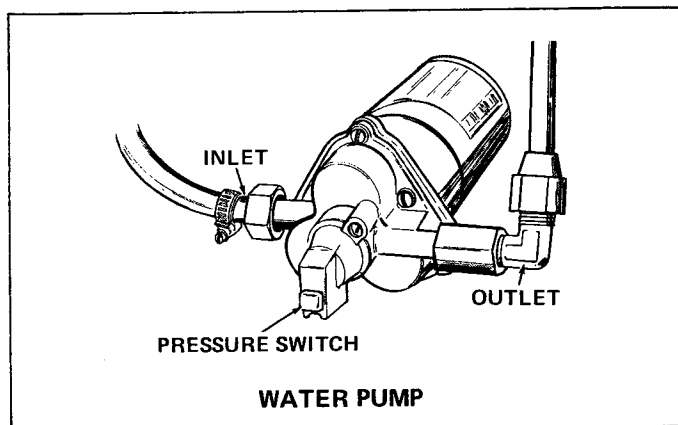
SANITIZING WATER TANK

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 water tank drain valve. When the water tank is empty, close the valve. Mix 2 gallons of water with 2 cups liquid household bleach. Pour the solution into the tank through the gravity fill. Fill tanks with fresh water. If city water is available, refer to "Fast Fill", below. Turn water pump ON and open all faucets and water heater relief valve. Close each one when water flows steadily from it. Turn pump switch OFF. Allow chlorinated water to stand in system for three hours. Drain system and flush with fresh water. If chlorine taste lingers, pour 1 quart of vinegar into tank, partially full of fresh water. Let vehicle motion agitate the solution for several days, if possible. Drain system completely, flush and then fill with fresh water.



WATER PUMP

Your water pump is a 12-volt DC appliance, activated by a switch on the Monitoring Panel. 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.



WATER PURIFIER

The water purifier is designed to provide clear, good-tasting, bacteria-free drinking water. It is connected to the cold water line below the sink. See the manufacturer's instruction booklet for back-flushing the purifier element and maintenance.

NOTE: Replace filter cartridge if water pressure drops noticeably or a change in taste or the presence of an odor is evident.

To replace the filter cartridge:

1. Shut off water by lifting valve handle. Move counter-clockwise as far as possible.
2. Turn colored ring all the way to the left. Ring will drop about 1/2".
3. Lift cartridge slightly and turn it further to the left until it can be disengaged.
4. Lower cartridge to disengage it from the ring. Discard used filter cartridge.
5. Insert new filter cartridge following above steps in reverse.

Check cartridge to be sure it seals after water pressure is turned on again.

FILL FRESH WATER SYSTEM

FAST FILL – CITY WATER AVAILABLE

Connect garden hose to city water fill (Figure 8) on roadside of coach. Release retainer on gravity water fill spout (Figure 9) and pull spout out. Open fast fill valve and storage tank cutoff valve, shown below. Turn on water to fill both 50-gallon tanks simultaneously. When water flows from gravity water fill spout and/or from overflow vents under the coach, turn off garden hose. Close the fast fill valve inside the coach. Push the gravity water fill spout in and latch it with its clip. Disconnect the garden hose. Refer to "Purge System", below.

DRAINAGE/SEWER SYSTEM

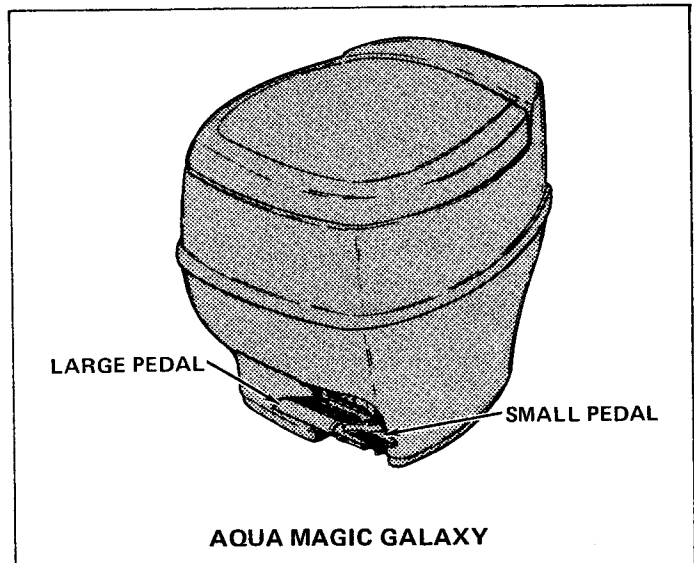
GENERAL

Your motor home will have a Drainage/Sewer system which functions much the same as the one in your home. It includes drain lines from the kitchen sinks, lavatory and tub/shower to the gray water holding tank, and a marine-type toilet which empties directly into a separate waste holding tank. The drainage system also includes roof vents which get rid of odors from the drainage and waste tanks. They also equalize air pressure in the tanks to permit rapid, smooth drainage. Vent-checks prevent suction in the pipes from emptying the P-traps. This maintains a water barrier in the P-trap to block drainage system odors.

TOILET

Sportscoach installs an Aqua Magic Galaxy toilet. The Aqua Magic Galaxy has two pedals near the front base. Before initial use and after emptying the holding tank, flush the toilet. When the bowl is filled, pour in an 8-ounce bottle of Aqua Kem concentrate then flush the toilet again.

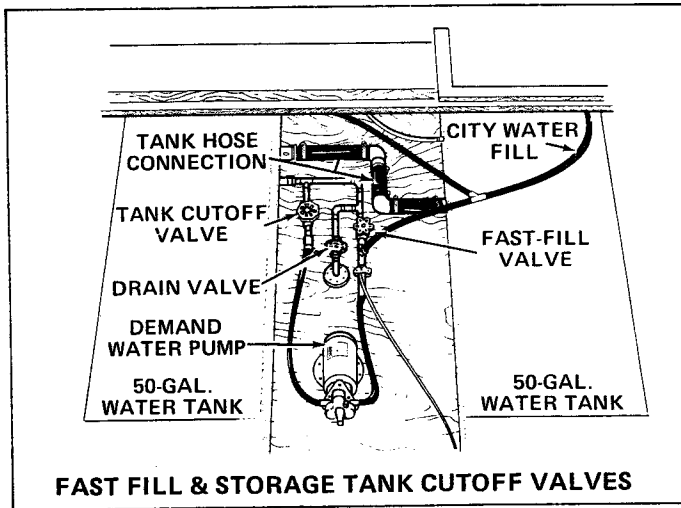
To operate the Aqua Magic Galaxy, step on the small pedal to add water to the bowl. When the desired amount has entered, release the pedal slowly. To flush, step on the large pedal until the water swirls, then release the pedal slowly.



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.

HOLDING TANKS

A gray water holding tank is for kitchen sink, tub/shower 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.



SLOWFILL – CITY WATER NOT AVAILABLE

Release retainer on gravity water fill spout (Figure 9) and pull spout out. Open tank cutoff valve, shown below. Fill tank through spout until water overflows.

CAUTION: Do not force water into spout since air in the tank must be released through the vent tube in the spout while the tank is being filled.

When the tank is full, push the spout in and latch it with its clip. Refer to "Purge System", below.

PURGE SYSTEM

With tanks filled, turn water pump switch ON. Open each faucet until water flows through without air bubbles. Open water heater relief valve until water flows without air bubbles.

CONNECTING TO CITY WATER

Attach a garden hose to water service connection. Use a water pressure regulator, available from your dealer or local hardware store, to be sure water pressure is kept below 60-65 psi. This will protect your garden hose, as well as the fresh water plumbing in your coach if it is installed in the campground faucet. Check connections for leakage. Turn the pump switch OFF and open each faucet until water flows, free of air bubbles. Open the water heater relief valve also until water flows, free of air bubbles.

CARE OF SINKS, LAVATORY AND TUB/SHOWER

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

LEAKS

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

EMPTYING HOLDING TANKS — Be certain your vehicle is level or sloped toward the termination outlet, since emptying of holding tanks depends upon gravity. Remove the sewage drain hose (Figure 10) from its storage area in the unit's side. Check both dump valve slide handles (Figures 11 and 12) to be sure they are both **FULLY CLOSED**. Remove the cap from the termination outlet and connect the sewage drain hose, securely. Place the loose end of the hose in the dump station opening — and hold it there. To drain either holding tank, release the spring clip and then pull the dump valve slide handle out. Drain the toilet waste holding tank first. When it is empty, lift the drainage hose and drape it over your knee (about 2' off the ground). Then, open the drainage gray water tank dump valve. Let this water flush into the toilet waste tank and then, with the loose hose end held firmly in the dump station opening, lower the hose quickly to the ground to empty the gray water from both tanks. When both tanks are empty, close both dump valves and, inside the unit, flush the toilet or pour about 2 gallons of fresh water through the toilet to flush the waste tank again. Open the dump valve again to drain the tank. (If necessary, the gray water tank may be flushed by closing its dump valve and running fresh water through the sinks and shower into the tank.) When both tanks are empty, make sure both dump valves are closed and the clips fastened before removing the drain hose. Rinse the hose with the dump station hose and then stow your drain hose in its carrier. Install the drain cap securely on the coach termination outlet.

CAMPGROUND DRAINAGE HOOK-UP

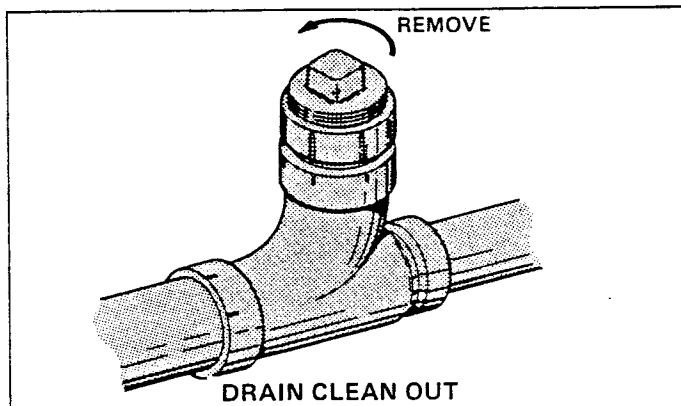
At a campsite with an on-site drain connection, connect the drain hose, as above, but only open the gray water dump valve. Sink and shower water will then drain directly into the campground septic system. Only open the dump valve for the toilet waste tank when the tank is **FULL** or you are preparing to leave. If you leave the toilet dump valve open, the solids will collect as the liquids run off. If this happens, close the dump valve, fill the tank about half-full of water and drive several miles. This should loosen most of the solids and permit proper drainage. If necessary, let the tank soak overnight with 1/2-cup of mild liquid detergent added through the toilet.

SELF-CONTAINED OPERATION

Use both tanks with the drain cap installed and both dump valves closed. When either tank is full, drive to a dumping station to empty it. If the gray water tank is backing up in the shower, this problem can be relieved temporarily by opening both dump valves with the drain cap securely in place. This will transfer gray water to the toilet waste tank. After the water level is lowered in the gray water tank, close both dump valves. If the toilet waste tank is also full, do **NOT** attempt to do this.

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 cleaning or unclogging.

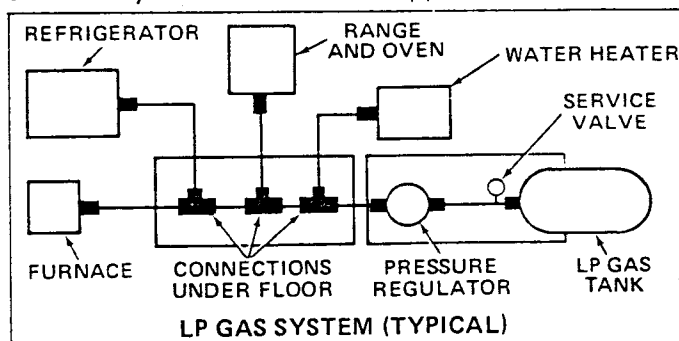


LP GAS SYSTEM

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 tank (Figure 13) which is mounted to the chassis of your unit and is reached through an access door. Under pressure in the tank, the LP gas turns to vapor; it is the vapor which burns. The 20% valve indicates when the tank is 80% full by emitting a steady stream of liquid fuel. The high pressure of the vapor in the tank is reduced in two stages through a regulator. The tank 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 Sportscoach 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 Sportscoach dealer for LP gas problems. The LP tank should always be filled by an authorized LP supplier.



NOTE: Sportscoach 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 of garlic 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 tank'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 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 tank's Service valve some of the gas will remain in the lines. To completely bleed the lines of gas, CLOSE the tank's Service valve and light a range burner to use up the excess. When the flame burns out, turn the range burner OFF.

FILLING THE LP GAS TANK

Before having an LP gas tank filled, be certain all burners and pilot lights are off.

Drive your Motor Home to an authorized LP supplier for filling (never remove the tank). He will connect the fill nozzle to the LP gas tank fill valve.

When the tank is being filled, the Service valve must be CLOSED and the 20% liquid level gauge must be OPEN. The 80% stop fill valve may close the valve before liquid appears at the 20% liquid level gauge, but if liquid does appear, stop filling immediately; the tank is filled to its LP capacity. When liquid LP gas is no longer visible, close the 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.

Because there may be some leakage of LP gas when the tank is being filled, we recommend that you drive at least a mile away from the LP gas dealer's before you relight any pilot lights or appliances. DO NOT relight pilots or appliances if the scent of LP gas is present. Open the windows and doors and wait 30 minutes. If the odor is still present, follow the instructions in the LP GAS LINE CHECK section.

CAUTION: Avoid overfilling by insisting that the LP gas tank never be filled beyond the 80% liquid level. If the tank 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 tank 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 vehicle's gasoline tank(s).

LP GAS LINE CHECK

Whenever a leak is suspected, as well as before and after trips, use the built-in leak detector installed beside the LP gas regulator (Figure 13). Please refer to the manufacturer's instructions.

Check that the fluid level in the sight glass is correct. If below minimum, depress the red plunger on top of the detector until level rises. Close the LP Service valve. Open doors and windows of coach. Shut off all LP appliances, including pilot lights. Turn on and light one stove burner. When its flame goes out, system pressure is at zero. Turn off the burner.

Depress and hold the red plunger; then open the LP Service valve. BUBBLES WILL APPEAR IN SIGHT GLASS but should stop in about TWO SECONDS if the system is leak-free. NO BUBBLES SHOULD APPEAR IN SIGHT GLASS AFTER 5 TO 10 SECONDS. If bubbles are visible in sight glass after 10 seconds, brush soapy water solution on all line connections. Do NOT use products that contain chlorine or ammonia. Tighten any leaking connections, using two wrenches, and then repeat leak detector test. If leak persists, close LP Service valve and contact a nearby LP gas dealer or your Sportscoach agency.

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 Sportscoach dealer or LP gas supplier can perform this check.

LP GAS TANK CARE

After each trip, inspect the LP gas tank. Sand off traces of rust and apply a rust preventive paint. Always use a light color 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 tank, an overfilled tank, or a greater vapor withdrawal demand than the tank 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 tank in the LP gas or through condensation if air is allowed into the tank through an open valve. Avoid these conditions by using moisture-free LP gas and keeping all tank valves closed during storage. If moisture is present, have the tank purged by an authorized dealer and have him add anhydrous methanol; he will know the correct amount for the size of your tank.

An overfilled tank 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 possibly frosting of the regulator and LP gas line. 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 tank's capabilities in certain conditions. This can cause a refrigeration effect resulting in frosting of the tank and regulator. Check with your Sportscoach dealer or LP supplier about the appliance demands which can be met by your tank at various temperatures. Always have your LP supplier add anhydrous methanol before filling the tank in cold weather.

APPLIANCES AND ACCESSORIES

RANGE, RANGE HOOD, OVEN

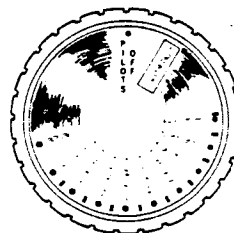
GENERAL — Your Sportscoach motor home has a four-burner range and an oven. Both are LP gas appliances. The oven will be beneath the range or at eye-level (the optional microwave oven, a 120-volt appliance, is described later in this section). There also is a range hood which has a fan and may also have a light. The light in the microwave and eye-level ovens is in the oven. The latter is operated

by a red button on the range control panel. Read the manufacturer's manual for complete details on the operation and care of the range, range hood and oven.

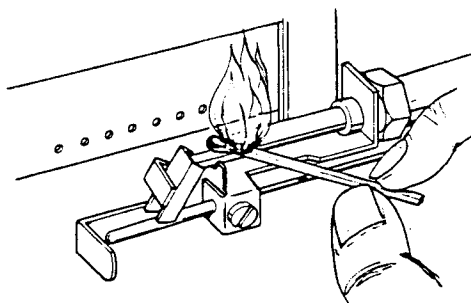
LIGHTING THE PILOTS — There are pilot burners in all LP gas ovens and on top for the range burners, as well. All pilot lights, including the range top pilot, are turned on and off by the oven temperature control knob.

To light the pilots, be certain the LP gas tank Service valve is OPEN, then depress and turn the oven control knob from PILOTS OFF to OFF. Turn on a range top burner and light it with a match; then turn on and light a second burner. This will remove any air from the gas line quickly. Open the oven door and hold a lighted match next to the constant pilot near the rear of the oven and just below the main oven burner. Relight the oven pilot if air in the line extinguishes the flame. When the pilot remains lit, adjust the oven control knob to the desired oven temperature. Turn one of the range top burners off and then back on. If it does not relight from its pilot, turn both top burners OFF. Lift the main top panel and touch a lighted match to the pilot. Turn a top burner full ON; if it lights, the pilot is operating properly.

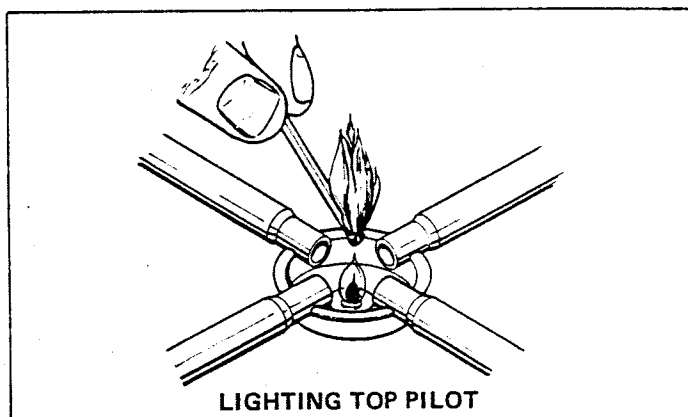
CAUTION: When using the range burners or the oven, ALWAYS BE SURE BOTH PILOTS ARE LIT. Open a window or vent and use the range exhaust fan to remove humidity and odors produced by cooking. Do NOT use burners or oven to heat the interior of your unit. ASPHYX- IATION COULD RESULT. Set oven control knob at PILOTS OFF when traveling.



OVEN CONTROL KNOB

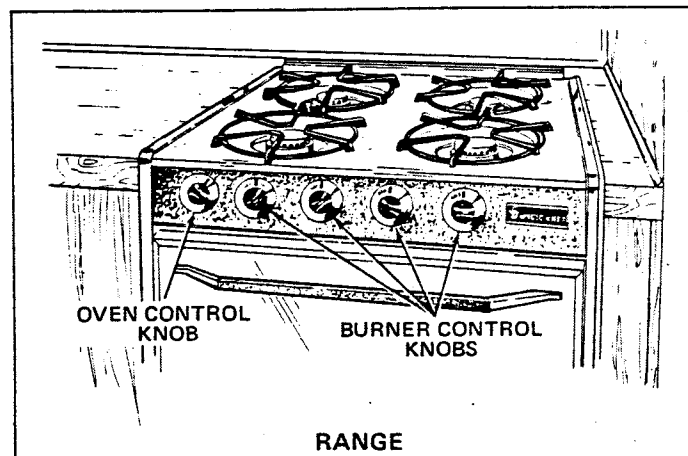


LIGHTING OVEN PILOT



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. Clean the plastic light cover by removing and washing it. To clean the filter, push slot located in center front of screen and pull down. If not greasy, simply tap the filter to shake out the 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 fan and motor surfaces frequently to remove grease.

MICROWAVE OVEN — The microwave oven is 12-volt appliance used to cook, defrost or simmer foods in less time than other cooking methods. The control panel has a timer, solid state heat control and a heating indicator light. When the door is opened, the interior light will automatically switch on. The microwave oven is connected to a special switch in the overhead cabinet beside it which disconnects the front roof air conditioner whenever the microwave is being used.

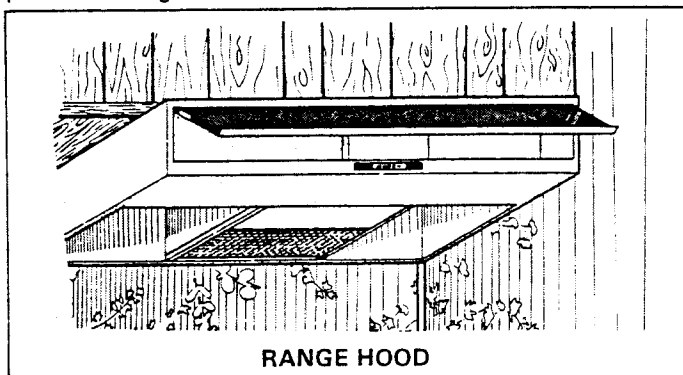
To cook, turn the solid state heat control to the setting you need. "LOW" on the control is approximately 10% of full heat. Each dial number represents a percentage of full power. 3 is 30%, 5 is 50% and so on. Turn the timer to the recommended time. If you are cooking for less than a minute, turn the timer pointer past one minute and then back to the desired setting. Close the door to begin cooking. The blower and heating indicator light will turn on when you close the door. The interior light will stay on and warm air will exhaust from the top of the oven as the food cooks. The timer will gradually return to zero.

If the heat you're using is below the "HIGH" heat control setting, the interior light may flicker and you'll hear the sound of the oven cycling. This is normal at all settings below "HIGH".

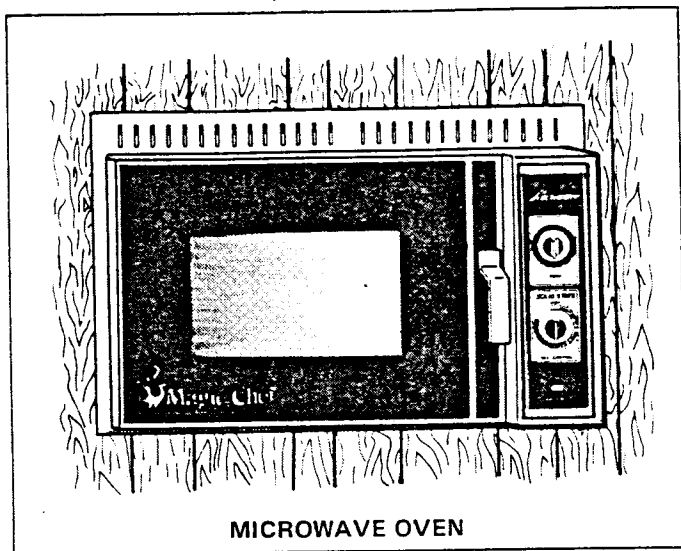
If you open the door while cooking, the interior light stays on. All microwave energy stops instantly. The heating indicator light, the blower and the timer stop. When you close the door again, the blower, heating indicator light and the microwave energy come back on, while the timer resumes its countdown. **ALWAYS SET THE TIMER AT ZERO WHEN YOU ARE NOT USING THE OVEN.**

BROILER — Your 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 surfaces or it may ignite.

RANGE HOOD — Your unit will have a 12-volt power range hood with a fan and light each controlled by a knob on top of the hood. To operate, pull the ring on the right side of the filter to release the damper; the damper will open when the fan is on. Turn fan ON to draw smoke and cooking fumes out of the unit. To secure the damper for travel, push the ring in.



To defrost, simmer, roast and bake, read the manufacturer's instructions and follow the recommendations in your microwave cookbook.



CAUTION: *Popping corn is not recommended as a use of the oven. Any excessive overcooking of food may cause the food to ignite. Be sure the timer is set at zero when the oven is not in use.*

CARE OF MICROWAVE OVEN — Clean the outside and inside with a soft cloth, mild detergent and warm water. Thoroughly wipe the top, sides, shelf and back walls of the inside. Rinse well. Wipe spills off the inside every time you use the oven. To replace oven bulb, unplug the oven, loosen the screw on the rear access panel and open. Use a 25-watt "bayonet base" bulb. Fasten the rear panel and plug the oven in.

ICE MAKER

The ice maker is located in the hallway just toward the rear from the microwave oven. A few helpful operating tips are: Unit must be level to operate properly. Never use an ice pick to loosen cubes. Defrost the ice maker periodically. When ice maker is not in use for some time, prop the door open about two inches. Do not use any electrical devices to defrost the ice maker. Make sure front grill is clean, permitting good air flow.

Please refer to the manufacturer's operating and maintenance instructions.

TRASH COMPACTOR

Located below the ice maker, the trash compactor reduces trash to about 20% of its original volume. It compacts cans, bottles, plastic containers and some food wastes. Please refer to the manufacturer's operating and maintenance instructions.

Wait until the bucket is almost full before operating the unit. Close the trash bucket door slowly. Insert the key-knob and turn to START. Hold momentarily until compactor starts and then release. When cycle finishes, open door to remove bag.

NOTE: For easy loading of small items, lift the trash door handle and the door will swing open to 45° angle. Special interlock switches prevent operation of the compactor if the trash bucket is not in place or if the door is not closed.

VACUUM CLEANER

The vacuum cleaner is powered by the auxiliary generator only. It is located in the base of the wardrobe closet and is actuated, when the generator is running, by inserting the end of the hose into the inlet opening. The vacuum shuts off when the hose is removed. Access to the filter bag is through the top of the unit.

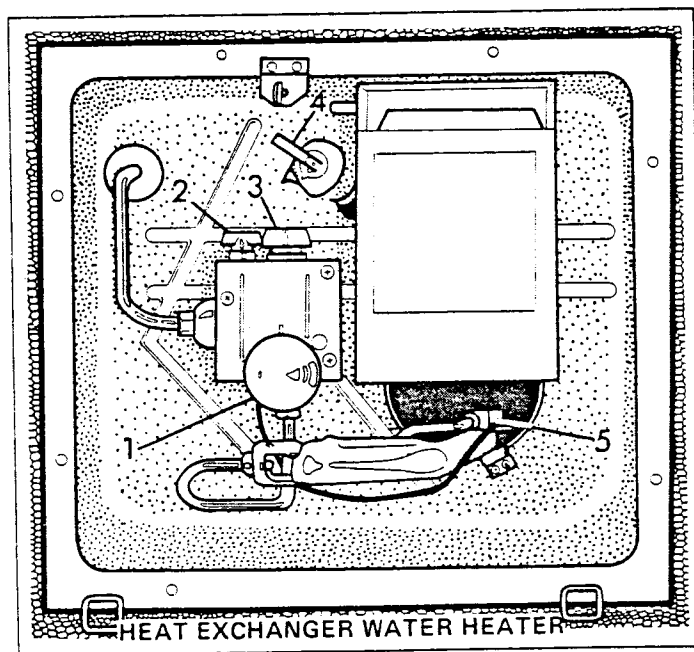
Periodically, remove the top cover to check the filter bag. Replace with a new bag when needed. Refer to manufacturer's instructions.

HEAT EXCHANGER WATER HEATER

The water heater uses the engine cooling system to provide hot water while traveling. When parked, LP gas heats the water. While driving, the water will reach 140°F. in two hours; on LP gas, heat recovery is 100°F. on 7.4-gallons per hour.

The heater has an automatic gas shut-off system activated by high water temperature. All heater controls are accessible in the outside compartment (Figure 14) on the roadside center of the unit.

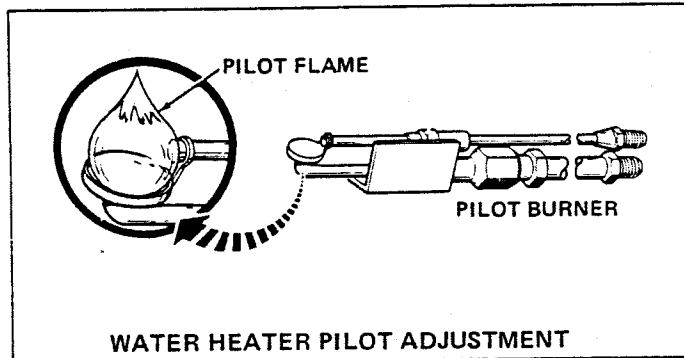
LIGHTING PILOT — Open heater relief valve (4) with water pump ON or when connected to city water supply to be sure all air is out of heater tank. Close gas cock (3). Open LP gas tank Service valve.



Wait at least 5 minutes then turn gas cock (3) from OFF to PILOT. Depress and hold reset button (2). Light pilot (5). Wait 30 seconds and release reset button (2). If pilot goes out, repeat steps, above. When pilot is burning steadily, turn gas cock (3) to ON. Turn temperature dial (1) to desired heat.

CHECK THERMOSTAT SHUT-OFF — Turn temperature dial (1) fully counterclockwise. Check that main burner shuts off completely; pilot remains lighted.

PILOT ADJUSTMENT — Remove the pilot adjustment screw protective cap and turn set screw to adjust the flame so it is 1/2 inch high or has a yellow tip. The procedure is the same for the ITT, 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 must be opened or removed in order to drain the water heater tank. Also open all hot water faucets to facilitate drainage. 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.

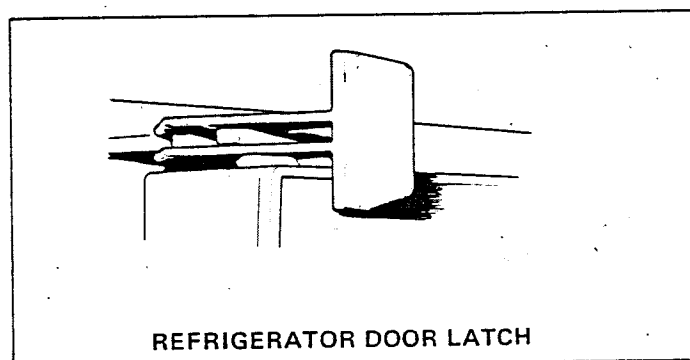
CARE OF WATER HEATER — Be certain the exterior compartment is clean and does not contain combustible materials. Never obstruct the relief valve or vent. If the water heater has a drain cock, use a metal object to scrape away sediment. Periodically drain and flush the water heater tank. After draining, 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 the 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.

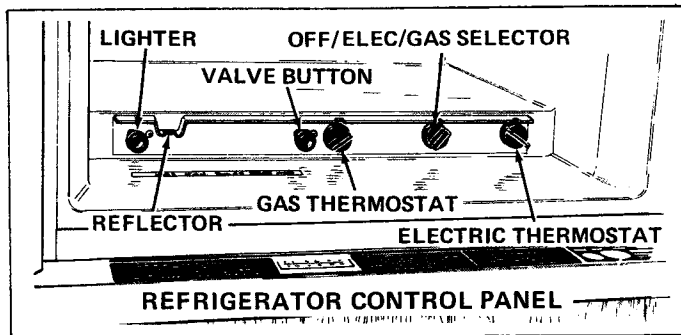
REFRIGERATOR

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 selector to OFF.) 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 or 120-volt AC 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 or suitable wrapping. When traveling, switch to LP gas operation. Use door latch during travel.



LP GAS OPERATION — Turn the OFF/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 120-volt electricity. When parked at a campsite, switch from LP gas to 120-volt electricity to conserve your LP gas. 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/ELEC/GAS selector to ELEC (120-volt). Turn the electric thermostat to the highest number on the dial. Later adjust temperature to meet your cooling requirements.

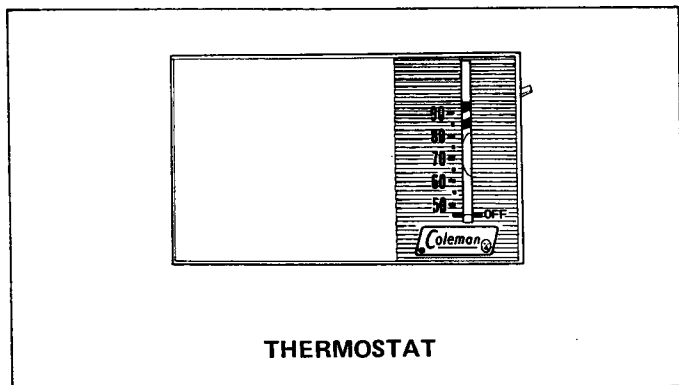
CARE OF REFRIGERATOR — Remove food and ice after each trip. Clean interior with warm water and liquid dishsoap. Wipe dry with soft, dry cloth. DO NOT use abrasive cleaning material; it will scratch interior surfaces. Prop the door open during periods of nonuse.

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.

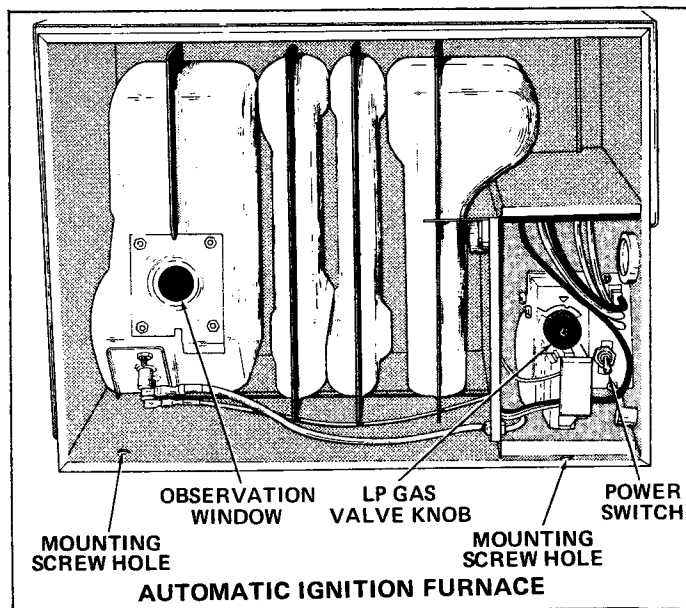
FURNACES

GENERAL — The RV furnaces are LP gas appliances. They are automatic ignition models controlled by separate wall thermostats. These area thermostats are located on the bedroom wall and on the front of the galley cabinet. Heat is circulated through a duct system to each area. DO NOT block air flow in front of the furnace inlet or outlet ducts.

NOTE: It is important to remember that although LP gas is the heat source for each furnace, the blowers operate on 12-volt electricity. DO NOT operate the furnaces for prolonged periods unless the converter or automotive alternator is supplying 12-volt power. Avoid running down your RV battery.



THERMOSTAT



FURNACE IGNITION — When igniting the furnace, be certain the LP gas tank's Service valve is OPEN. To remove front panel of furnace, press down on silver tab and pull panel outward. Set wall thermostat, power switch and gas control knob ON. Move thermostat up until the blower begins to operate. Allow 20 seconds for the furnace to light. In cold weather, it may take up to 2 minutes or more for ignition. When lit, 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 furnace doesn't light after 3 attempts, turn OFF gas control knob, power switch and wall thermostat, then contact your Sportscoach dealer. DO NOT attempt to repair or adjust the furnace yourself.

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.

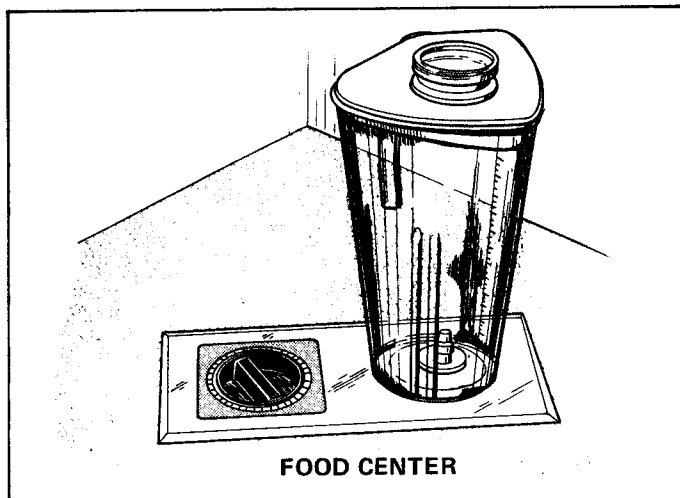
NOTE: Portable fuel burning heating appliances should not be used for comfort heating in the living area of your Sportscoach unit.

FOOD CENTER BLENDER

The optional food center blender operates on 120-volt electricity. It consists of a power unit, six-speed control and blender.

Place the blender into the blender receptacle. Turn clockwise to lock into place. Place food into the blender. NEVER operate the blender unless the lid is firmly in place. Turn the control dial to the desired speed.

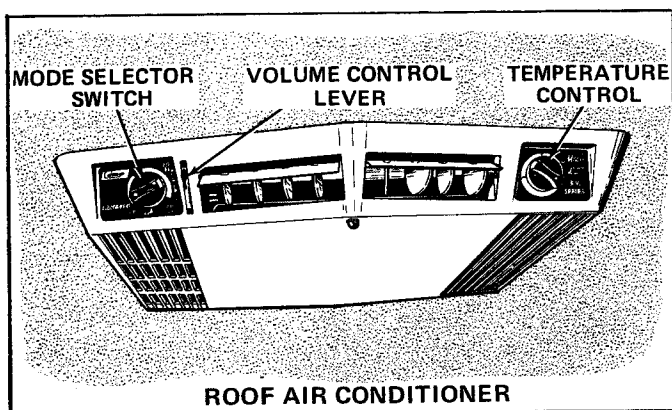
Your food center can also mix, shred, grind or slice food with additional attachments which are available from a Nutone food center dealer.



ROOF AIR CONDITIONER

GENERAL — 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. Use the **HEAT** setting whenever air is chilly.

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.

HELPFUL HINTS ON AIR CONDITIONING

1. Keep window curtains closed.
2. Park rear of coach downwind to increase compressor cooling and help remove exhaust heat.
3. Park in shade.
4. Operate bath vent fan while showering, to remove heat and humidity.
5. Use kitchen vent fans when cooking.
6. Use as few range burners as possible.
7. The air conditioner removes moisture from the air and it is normal for water to drain off the roof.
8. The optional rear roof air conditioner is powered only by the auxiliary generator.

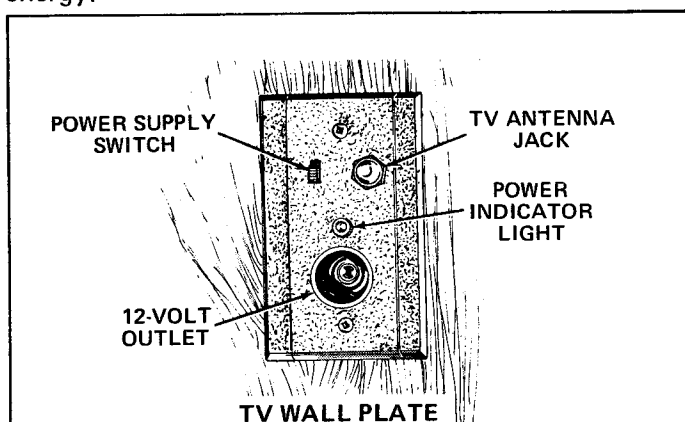
AM/FM/MPX STEREO RADIO AND 8-TRACK TAPE PLAYER

The tape player is equipped with an automatic head cleaner. Occasionally you will have to clean oxide off the tape playback gear, capstan shaft and the automatic track selector. To activate the capstan, depress the switch (located next to the capstan) with the eraser end of a pencil. Use a cotton swab, moistened with isopropyl alcohol, to clean the playback head, capstan shaft and the automatic track selector.

CAUTION: *DO NOT* use carbon tetrachloride to clean components of the tape player.

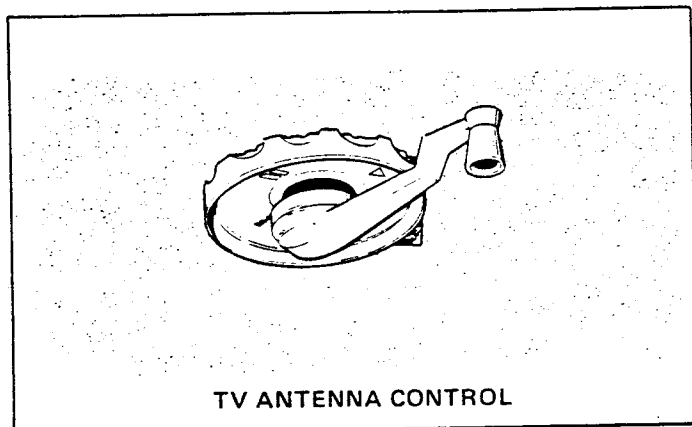
TV ANTENNA

If you plan to use a television set in your Sports-coach unit, a standard 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.



TV ANTENNA CONTROL

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 Sportscoach motor home looking nice, however. It can ensure trouble-free operation and maximum efficiency of the various components and appliances. Failure to properly maintain the vehicle or its components may constitute a breach in your warranty obligation. This section is to assist you in performing preventive maintenance. Negligence, misuse or installation of unauthorized equipment could affect the operation of your unit and may void your warranty. See the various manufacturers' manuals for specific maintenance instructions.

ROOF

Your unit is equipped with a one-piece roof which does not require maintenance, other than washing and waxing. 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 and cold or lukewarm water. Apply automotive type wax at least once a year.

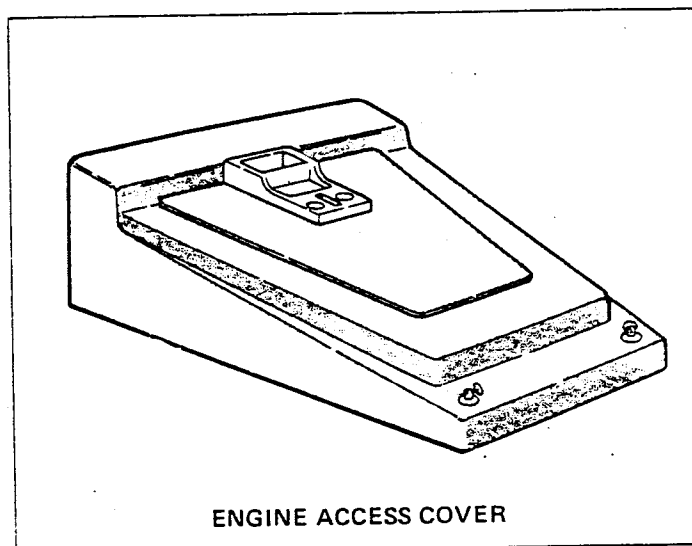
CAUTION: To avoid marring body surfaces, **DO NOT** use abrasive cleaning compound or cloth; **DO NOT** wipe the surface with a dry cloth; **DO NOT** wash or wax your unit in the hot sun, wait until the surfaces have cooled.

FRAME

Inspect the frame periodically. Remove dirt and dust and apply rust preventive paint.

AUTOMOTIVE SYSTEM

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



ENGINE ACCESS COVER

To remove the engine cover, release the two latches; one is beside the driver's seat and the other beside the passenger seat.

Lift the engine cover and use support rod to hold it open. To close the cover, stow the support rod, lower the cover and fasten the latches.

CAUTION: The interior engine access cover must be properly sealed to prevent engine exhaust from entering the vehicle. Make certain that carpeting or other materials do not interfere with the installation of the access cover.

STORAGE

GENERAL

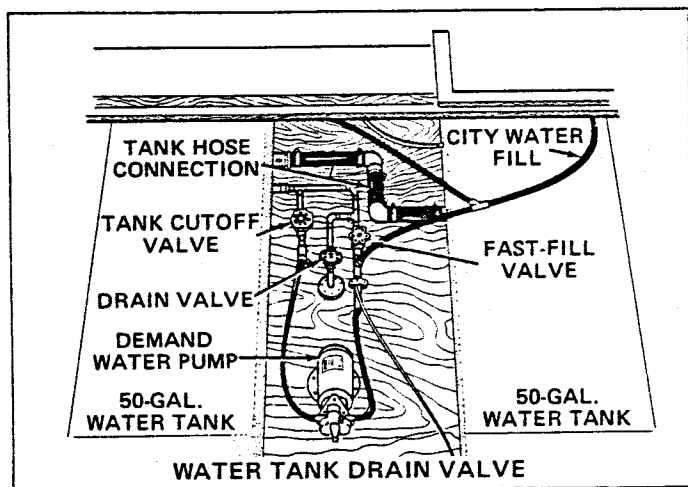
You should perform the following procedures if you will not be using your unit for an extended period.

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 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 HEATER

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

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.

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 electrical Service Panel.

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. Holding tanks should be drained and rinsed. The dump valve shafts should be inspected and lubricated if needed. Be certain the dump valves are closed. 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 anti-freeze 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 tub/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 can 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.

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.

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

SHOWER HEAD should be drained and filled with winterizing solution.

LP GAS REGULATOR should be covered to keep moisture out of the vent. LP gas system should be prepared as described in the STORAGE section. 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 should be cleaned and the doors propped open. Cover exterior panels and roof vents.

FURNACE should be cleaned and exterior vents covered.

RANGE/OVEN should be cleaned, inside damper closed and range hood vent should be covered on the outside of the unit.

ROOF AIR CONDITIONER filters should be cleaned and then replaced and the shroud should be covered on the outside of the unit.

CHASSIS should be prepared for storage by the respective chassis dealer or service station.

EXTERIOR of the motor home should be cleaned and waxed; locks and hinges should be oiled, and snow accumulation should be removed regularly with a long-handled broom. For prolonged storage periods, the unit can be placed on wooden blocks or heavy duty jacks on a firm, level surface.

TIRES AND WHEELS should be removed, partly deflated, hung on a wall and covered to protect them from sunlight, if the unit is placed on blocks or jacks.

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

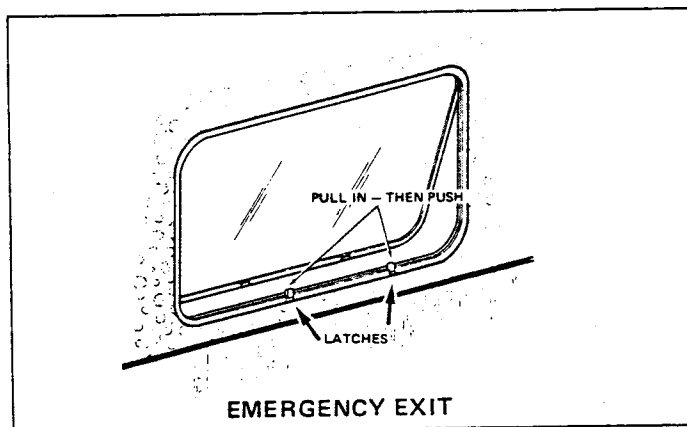
Prevention is the best form of fire safety. Follow the instructions previously listed for the care, maintenance and operation of the various appliances in your vehicle. Make certain everyone in your party is familiar with emergency features of the unit, the locations of exits and the location and operation 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 unattended. 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, if possible, and move a safe distance from the vehicle. Call the fire department. DO NOT re-enter the vehicle until officials declare it safe to do so.

EMERGENCY EXITS

Sliding windows, which can be easily opened, may be used as an emergency exit. Pull the window latch toward you, then slide the window and the screen open. Emergency exit windows are identified by an "EXIT" label on the glass.



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.

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) _____

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.

TRAVEL RECORD

[illegible]

MAINTENANCE RECORD

[illegible]

APPLIANCE 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 requirements. 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 cabinets.

EQUIPMENT	MANUFACTURER	MODEL DESIGNATOR	SERIAL NUMBER
Motor Home Body	SPORTSCOACH		
Motor Home Chassis			
Keys — Door			
Exterior Storage			
Other			
Range/Oven			
Furnace — Front			
Furnace — Rear			
Toilet			
Converter			
Refrigerator			
Electric Water Pump			
Heat Exchanger Water Heater			
Roof Air Conditioner(s) — Front			
Roof Air Conditioner(s) — Rear			
Automotive Air Conditioner			
Radio			
TV Antenna			
Generator			
Microwave Oven			
Ice Maker			
Trash Compactor			
Vacuum Cleaner			
Food Center Blender			
AM/FM/MPX Stereo Radio & 8-Track Tape Player			

ELECTRICAL SPECIFICATIONS

LIGHT BULBS

Interior 12VDC (Except dome light inside driver compartment)

- Range Hood — 1141
- Turn, Tail and Stop — 25 Watts (12VDC)
- Backup — 1157
- License Plate — 1156
- Clearance — 67
- Patio — 57
- 1003

FUSES

Interior — 15-amp., 12VDC

MISCELLANEOUS — See page 30 and 31 for the exterior dimensions, weight ratings and wheel/tire ratings which pertain to your unit.

SPORTSCOACH SPECIFICATIONS

	2700SB/RB Chevrolet	2700LR Chevrolet	3100SB/RB Dodge	3300SB/RB Dodge
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CAPACITIES

Fuel (Gasoline)	100-gallons	100-gallons	100-gallons	100-gallons
LP-Gas (80% Shown)	84 lbs.	84 lbs.	84 lbs.	84 lbs.
Water	100-gallons	100-gallons	100-gallons	100-gallons
Toilet Holding Tank	40-gallons	40-gallons	40-gallons	40-gallons
Liquid Waste Holding Tank	60-gallons	60-gallons	60-gallons	60-gallons

BODY SPECIFICATIONS

Engine	454 CID V-8	454 CID V-8	440 CID V-8 461 CID V-8	440 CID V-8 461 CID V-8
Length	26'8-1/2"	26'8-1/2"	30'9"	32'9"
Height (Exterior)	10'3"	10'3"	10'3"	10'3"
Interior Headroom	6'5"	6'5"	6'5"	6'5"
Curb Weight	12,800 lbs.	12,600 lbs.	13,600 lbs.	14,200 lbs.
GVW (Gross Vehicle Weight)	14,500 lbs.	14,500 lbs.	16,000 lbs.	16,000 lbs.
Front Axle Rating	5,000 lbs.	5,000 lbs.	6,000 lbs.	6,000 lbs.
Rear Axle Rating	9,840 lbs.	9,840 lbs.	12,280 lbs.	12,280 lbs.
Tire Size	8:00-19.5	8:00-19.5	8R-19.5	8R-19.5
Tire Pressure (cold)	Refer to Tire or Chassis Manufacturer Recommendations or on Side of Tire			

Transmission, 3-Speed Automatic	475 turbo-hydro	475 turbo-hydro	727 Torque-Flite	727 Torque-Flite
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COMPONENT SPECIFICATIONS

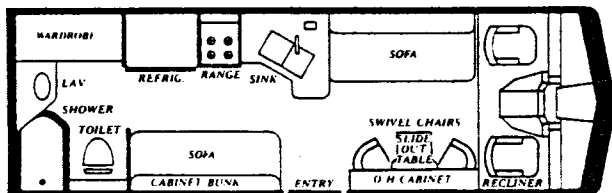
Air Conditioner, Roof w/Heat Strip	13,500 BTU	13,500 BTU	(2) 13,500 BTU	(2) 13,500 BTU
Furnace, Auto-Light Furnace Outlets	34,000 BTU	34,000 BTU	(2) 24,000 BTU 4 RB/5 SB	(2) 24,000 BTU 4 RB/5 SB
Power Converter	40-amp	40-amp	40-amp	40-amp
Generator (Power Plant)	5,000 Watts	5,000 Watts	6,500 Watts	6,500 Watts

CHASSIS SPECIFICATIONS

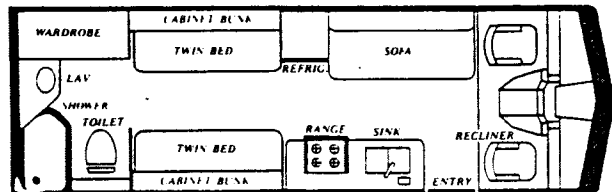
Chassis	CP31432	CP31432	M600	M600
Wheelbase	158.5"	158.5"	208"	208"
Independent Front Suspension	Yes	Yes		
Steering Type	Tilt Wheel	Tilt Wheel	Tilt Column	Tilt Column

Standard Floorplans:

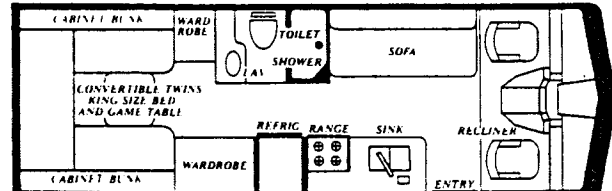
2700
Living Room



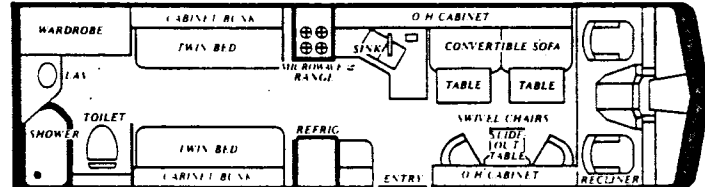
2700
Rear Bath



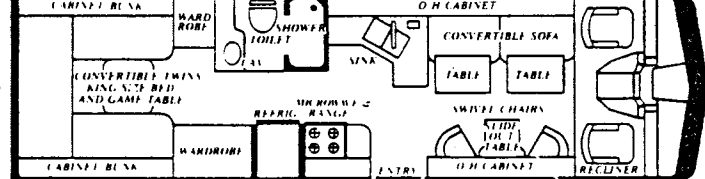
2700
Side Bath



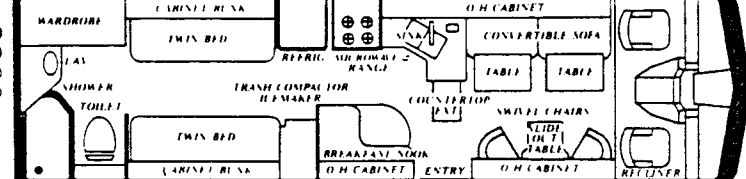
3100
Rear Bath



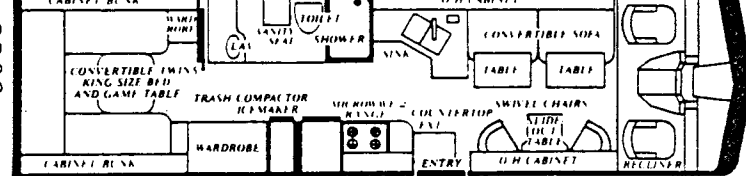
3100
Side Bath



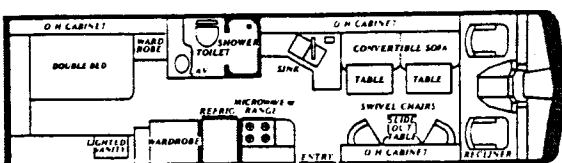
3300
Rear Bath



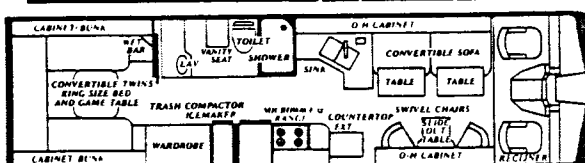
3300
Side Bath



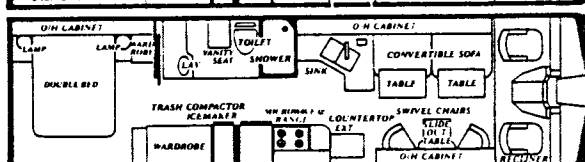
3100 Side Bath
Double Bed
w/Vanity



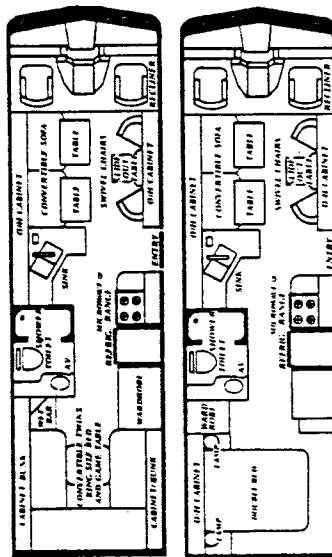
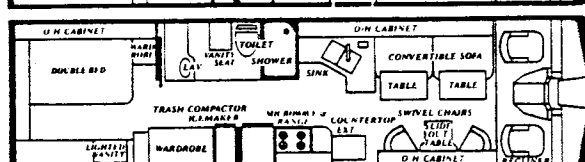
3300 Side Bath
w/Wet Bar



3300 Side Bath
Island Bed

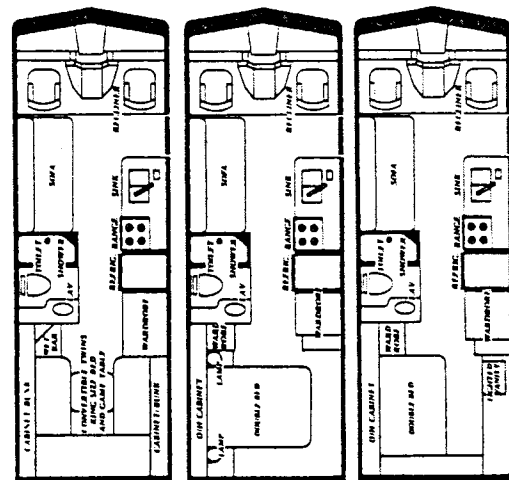


3300 Side Bath
Double Bed
w/Vanity



3100 Side Bath
w/Wet Bar 3100 Side Bath
Island Bed

Optional Floorplans:



2700 Side Bath
w/Wet Bar 2700 Side Bath
Island Bed 2700 Side Bath
Double Bed
w/Vanity

SPORTSCOACH SERVICE & WARRANTY POLICY

Service of your Sportscoach falls into three categories: Sportscoach items, separately warranted products and vehicle chassis.

All SCA warranty service must be done through an authorized or approved Sportscoach dealership or service center. Your warranty may be voided by unauthorized service or repair. Contact your Sportscoach dealer for warranty service. Proof of original ownership is required for all work performed under warranty.

If any question regarding warranty cannot be resolved at the dealership, contact Sportscoach Warranty Department at Sportscoach Corporation of America, 1100 N. Woodlawn Ave. (Box 236), Elkhart, IN 46514 (Telephone 219/262-3471).

IMPORTANT: When calling or writing, please supply:

*Sportscoach Serial (VIN) Number
Model and Type of Unit
Current Mileage*

*Date of Original Purchase
Original Selling Dealer's Name and Address
Your Name, Address and Phone Number*

On all warranty work, your warranty registration card and a pre-delivery check list that accompanied the Bill of Lading for your unit must be filled out by your dealer when he made delivery to you. Both of these forms must be returned to us within thirty (30) days of your purchase to validate your warranty.

The pre-delivery check list assures you that your dealer has thoroughly inspected your motorhome after receiving it from us. It is your assurance that your unit has been prepped inside and out in accordance with our recommendations.

Please make sure that you receive your copy of the Dealer's Pre-Delivery Check List.

We are sure you realize that your warranty from us does not extend to damage from neglect, accident, misuse, abuse or failure to follow service and use instructions. Nor does our warranty cover lack of proper maintenance, normal fair wear and tear, unauthorized repairs or modifications to any part of the containment systems or body that might cause defective performance. We do not assume responsibility for loss of use of the unit, loss of time, inconvenience or expense due to equipment failure.

SEPARATELY WARRANTED PRODUCTS

Sportscoach is not the manufacturer of the following products: chassis, tires, tubes, batteries or the 120-volt auxiliary power plant.

These products are warranted by the individual manufacturer and a copy of their warranty has been supplied to you. Sportscoach does not accept responsibility for these separately warranted products and does not maintain parts or facilities for servicing

these items. All warranty registration cards should be filled out and mailed immediately.

SERVICE ON SEPARATELY WARRANTED PRODUCTS

On Separately Warranted Products, contact the authorized service and repair center from the list provided with the product information booklet. Or, contact the manufacturer directly.

Be sure you understand the conditions and limitations of that manufacturer's warranty.

CAUTION: Service performed by other than authorized service centers is not covered by your warranty.

Obtain a warranty work authorization number before work is performed. Consult with authorized service personnel for details of warranty service for product involved.

To obtain parts for separately warranted products, contact authorized service center or manufacturer of product. (Provide Product Name, Model and Serial Number. Also, provide description of problem, of part and quantity needed. Also, give shipping instructions.)

SERVICE ON CHASSIS WARRANTED PARTS

For service or repair on any chassis part or system, contact any authorized chassis manufacturer dealership. If the dealership cannot solve the problem, contact the chassis manufacturer's Local Zone Office in the area.

Consult the Chassis Owner's Manual provided with your unit for service and maintenance information.

DODGE CUSTOMER SERVICE OFFICE

CHEVROLET CUSTOMER SERVICE OFFICE

GMC CUSTOMER SERVICE OFFICE

LOCAL ZONE OFFICES

YOU ARE WRITING ON 4 COPIES! PLEASE BEAR DOWN.

CONSOLIDATED LEISURE INDUSTRIES

SUBSEQUENT OWNER WARRANTY REGISTRATION

DATE OF PURCHASE	CONSOLIDATED SERIAL NUMBER	MODEL	YEAR	LENGTH
MOTORIZED: CHASSIS SERIAL NUMBER		CHASSIS MANUFACTURER		MILEAGE
THIS PRODUCT WILL BE WARRANTED IN THE NAME OF:				
<u>SUBSEQUENT OWNER</u>			<u>DEALER</u>	
SUBSEQUENT OWNER'S NAME (LAST, FIRST, MIDDLE)			SELLING DEALER	
REGULAR MAILING ADDRESS - STREET OR P.O. BOX			DEALER NUMBER	
CITY			REGULAR MAILING ADDRESS - STREET OR P.O. BOX	
STATE			CITY	
ZIP			STATE	
COUNTY			ZIP	
TELEPHONE (AREA CODE)			TELEPHONE (AREA CODE)	

TYPE OR PRINT ALL ENTRIES

DEALER

I certify that the tests and inspections listed below were performed as described in the Pre-Delivery Manual. The unit described above shows no evidence of accident, misuse or neglect which would preclude issuance of a Subsequent Owner Warranty Registration by Consolidated.

I also certify that the LP gas and 120-volt systems, the operation of all appliances and components, the coupling and uncoupling procedure and all warranties were explained and/or demonstrated to the subsequent owner. I certify that the subsequent owner was taken on a road test of the unit described above.

DEALER SIGNATURE

DATE

- ☐ VEHICLE SERIAL NUMBER VERIFIED
- ☐ ORIGINAL PURCHASE DATE VERIFIED: BILL OF SALE ATTACHED
- ☐ ORIGINAL OWNER'S CARD ATTACHED

- ☐ 120-VOLT SYSTEM TESTED
- ☐ 120-VOLT APPLIANCES TESTED
- ☐ LP GAS SYSTEM TESTED

A MANOMETER WAS INSERTED IN THE LP GAS SYSTEM AT _____ (LOCATION)
HOLDING _____ INCHES WATER COLUMN FOR _____ MINUTES. THE PRESSURE WAS
THEN ADJUSTED TO _____ INCHES WATER COLUMN.

- ☐ LP GAS APPLIANCES BURN TESTED
- ☐ BRAKES AND EXTERIOR LIGHTS TESTED

DAMAGE OR ABUSE INSPECTION. COMMENTS: _____

INTERIOR/EXTERIOR PHYSICAL CONDITION ACCEPTABLE. COMMENTS: _____

SUBSEQUENT OWNER

I certify that the dealer (or an authorized representative) explained and/or demonstrated the LP gas and 120-volt systems, the operation of all appliances and components, the coupling and uncoupling procedure, and all warranties. I certify that I inspected this unit with the dealer (or an authorized representative) and that I was taken on a road test of the unit described above.

SUBSEQUENT OWNER SIGNATURE

DATE

MANUFACTURER'S COPY

10-788406CLI

SPORTSCOACH

RECREATIONAL VEHICLE LIMITED WARRANTY

Sportscouch Corporation of America warrants to the original retail purchaser that it will make repairs which are made necessary by defects in material and workmanship for a period of one year from the original retail purchase date, under normal use and with reasonable and necessary maintenance. This warranty is transferable during the original warranty period to second and subsequent owners only after examination and inspection by an authorized Sportscouch dealer. A fee will be charged for inspection and new owner registration service. All items except the motor home chassis, tires, tubes, batteries, and auxiliary generators are covered by this warranty. The provision of this warranty shall not apply to normal deterioration of soft trim and appearance items due to wear and/or exposure, or to any unit which is subjected to misuse, neglect or accident. The warranty does not apply to any Sportscouch product which is used for commercial purpose or held for rental or hire without prior written authorization from Sportscouch before the unit goes into such commercial or rental service.

Should warranty repair be required, Sportscouch Corporation of America will repair or replace, at its option, any defective part or parts at an authorized Sportscouch dealership or Sportscouch service center. Such repair or replacement will be made without charge for parts or labor to the owner. However, the owner, at his expense, must take the unit to the dealer or service center, and before repair is made, present his Owner Registration Card or Temporary Owner Registration. If the owner cannot locate a dealer or authorized service center, he should contact Sportscouch Corporation of America, 1100 North Woodlawn Avenue, Elkhart, Indiana 46514.

Sportscouch Corporation of America does not, under any circumstances, assume any responsibility for consequential damage arising as a result of a breach of warranty, expressed or implied, including but not limited to expenses for transportation, telephone, lodging, travel, loss or damage to personal property, loss of use of the vehicle, loss of time, inconvenience or loss of income.

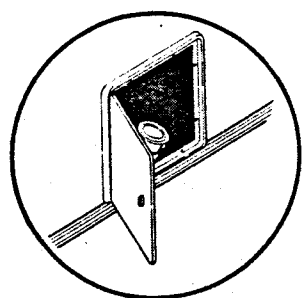
Any implied warranties as to this Sportscouch Recreational Vehicle including any warranty of merchantability or fitness for a particular purpose are limited to a period of one year immediately following the date of purchase.

SOME STATES DO NOT ALLOW EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty is expressly in lieu of any other express warranties, written or verbal, made on the part of Sportscouch Corporation of America. Sportscouch does not undertake responsibility to any purchaser of its products for any undertaking, representation or warranty made by dealers beyond those herein expressed.

Sportscouch Corporation of America reserves the right to make design changes and improvements and to substitute parts or components of substantially equal quality in its products.

SPORTSCOACH MOTOR HOME



MAIN & AUXILIARY
GASOLINE TANK FILL
FIGURE 12

AIR CONDITIONER

SPOT/FLOOD LIGHTS

DUAL ROOF HORNS

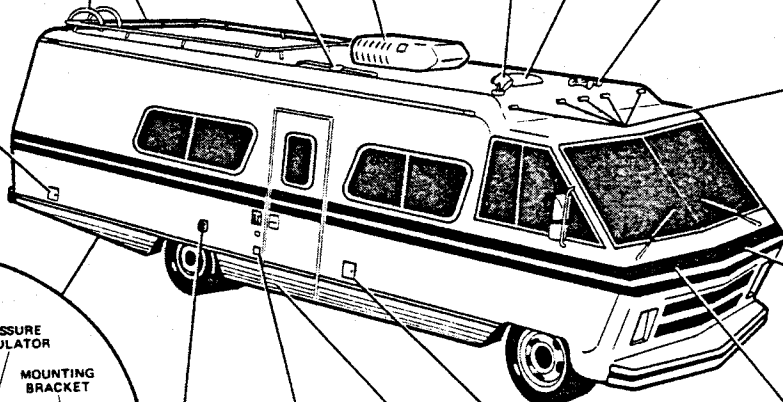
TV ANTENNA

ROOF VENT

ROOF RACK & LADDER

AUXILIARY TANK
GASOLINE FILL

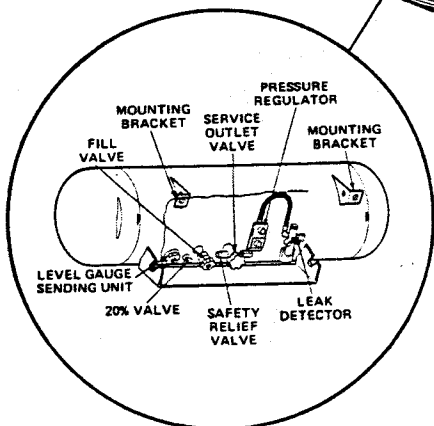
CLEARANCE LIGHTS



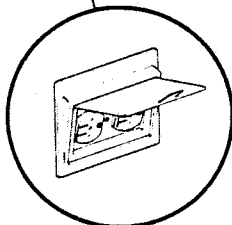
AUTOMOTIVE (ENGINE)
BATTERY

DUAL RV (COACH)
BATTERIES

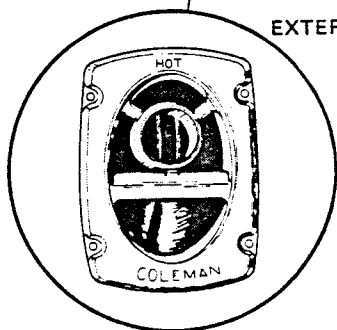
MAIN TANK
GASOLINE FILL
(SEE FIGURE 12)



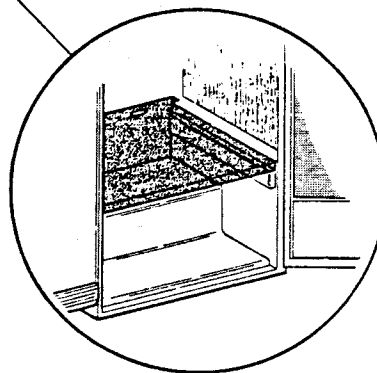
LP GAS TANK
FIGURE 13



EXTERIOR RECEPTACLES
FIGURE 3

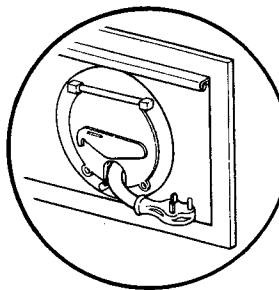


FURNACE INLET/EXHAUST
FIGURE 16

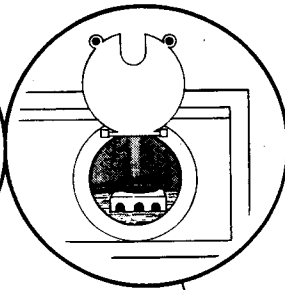


"DEEP-WELL"
ENTRY STEP
FIGURE 1

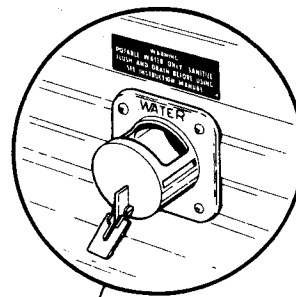
SHORELINE
FIGURE 4



GENERATOR COMPARTMENT
RECEPTACLE
FIGURE 5



GRAVITY WATER FILL
FIGURE 9



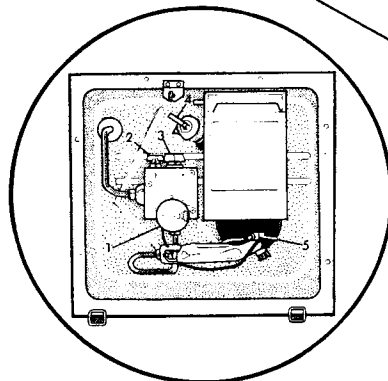
SEWER VENT

REFRIGERATOR VENT

CLEARANCE
LIGHTS

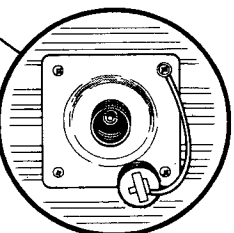
EMERGENCY
EXIT WINDOW

FURNACE INLET/EXHAUST
(SEE FIGURE 16)

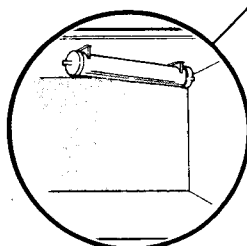


HEAT EXCHANGER WATER HEATER
FIGURE 14

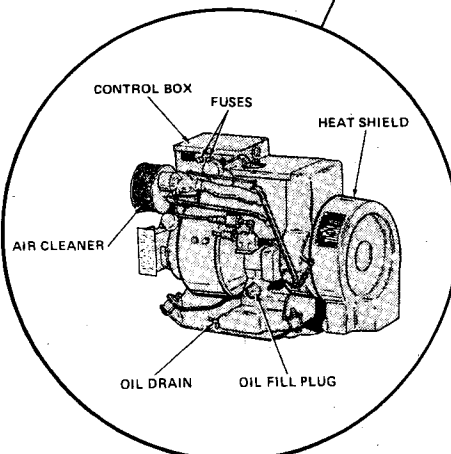
"BASEMENT"
STORAGE
COMPARTMENT



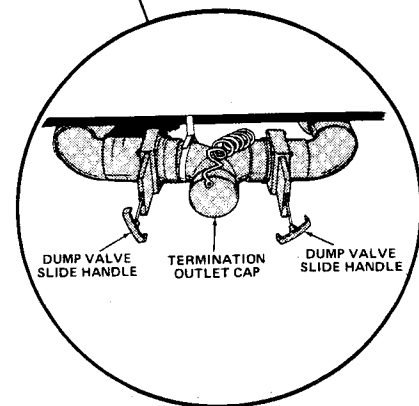
CITY WATER FILL
FIGURE 8



SEWAGE DRAIN HOSE
FIGURE 10



GENERATOR
FIGURE 7



TERMINATION OUTLET
FIGURE 11

SPORTSCOACH **SCA**
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