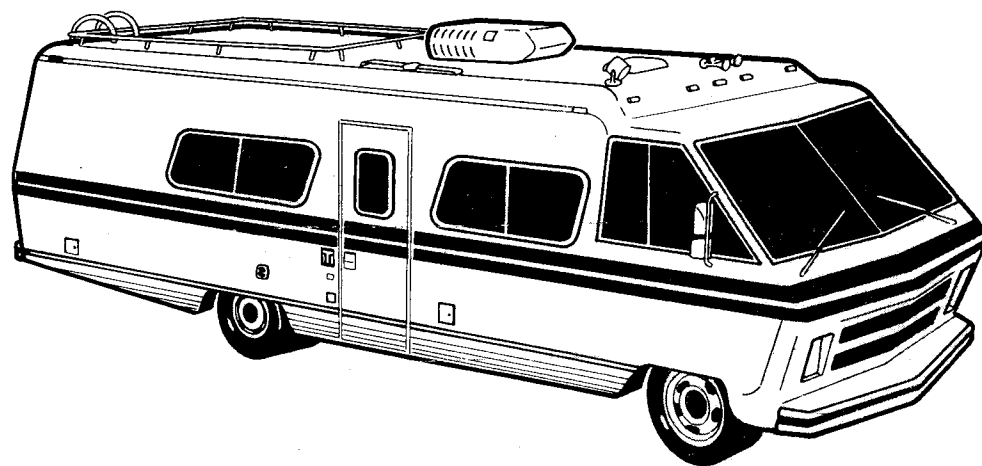


1981 - 1983

*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.

TABLE OF CONTENTS

INTRODUCTION	2	GENERAL	14
GENERAL.....	2	TOILET.....	14
LICENSES.....	2	HOLDING TANKS.....	14-15
INSURANCE.....	2	CAMPGROUND DRAINAGE HOOK-UP.....	15
TRAVEL PREPARATION	2-3	SELF-CONTAINED OPERATION.....	15
GENERAL.....	2	DRAIN CARE.....	15
CLOTHING.....	2	LP GAS SYSTEM	15-18
CAMP HYGIENE.....	2	GENERAL.....	15-16
PERSONAL HYGIENE.....	2	CLIMATE DIFFERENCES.....	16
SAFETY.....	2	FILLING THE LP GAS TANK.....	16
FOOD & WATER.....	2	LP GAS LINE CHECK.....	16
MEAL PREPARATION.....	2	REGULATOR PRESSURE.....	17
TOOL CHEST.....	2	LP GAS TANK CARE.....	17
ADDITIONAL TOOLS.....	2	LP GAS REGULATOR FREEZE-UPS.....	17
EQUIPMENT.....	3	LP GAS, SMOKE & FIRE DETECTOR.....	17-18
SLEEPING GEAR.....	3	APPLIANCES & ACCESSORIES	18-23
ENTERTAINMENT.....	3	RANGE, RANGE HOOD, OVEN.....	18-20
IMPORTANT DOCUMENTS.....	3	ICE MAKER.....	20
TOURIST INFORMATION.....	3	TRASH COMPACTOR.....	20
HOME SECURITY.....	3	VACUUM CLEANER.....	20
PRE-TRAVEL CHECK	3-4	ELECTRONIC IGNITION WATER HEATER.....	20-21
GENERAL.....	3-4	REFRIGERATOR.....	21
LOADING	4-5	FURNACES.....	22
GENERAL.....	4	FOOD CENTER BLENDER.....	22
WEIGHT DETERMINATIONS.....	4	ROOF AIR CONDITIONER.....	22-23
FEDERAL STICKER.....	4	AM/FM/MPX STEREO RADIO & 8-TRACK OR CASSETTE TAPE PLAYER.....	23
DEFINITIONS.....	4	TV ANTENNA.....	23
WEIGHING.....	4-5	MAINTENANCE	23-24
DRIVING	5-7	GENERAL.....	23-24
GENERAL.....	5	ROOF.....	24
PULLING INTO TRAFFIC.....	5	BODY.....	24
TURNING.....	5	FRAME.....	24
PASSING.....	5	AUTOMOTIVE SYSTEM.....	24
DRIVING ON A GRADE.....	5	STORAGE	24-25
BRAKING.....	5	GENERAL.....	24
OVERHEATING.....	5	LP GAS SYSTEM.....	24
PARKING ON A GRADE.....	6	WATER TANK.....	24
HOLDING ON AN UPGRADE.....	6	WATER HEATER.....	24
FREEING A STUCK VEHICLE.....	6	WATER PUMP.....	24
TOWING.....	6	FURNACE.....	25
TIRE CHANGE.....	6	ELECTRICAL SYSTEM.....	25
DASHBOARD/CONTROLS.....	6-7	EXTERIOR.....	25
CRUISE CONTROL.....	7	INTERIOR.....	25
CAMPING	7	WINTERIZATION	25-26
CAMPSITE SELECTION.....	7	GENERAL.....	25-26
COURTESY.....	7	FIRE SAFETY	26
LIVING AREA	7-9	EMERGENCY EXITS.....	26
SETUP.....	7-8	VISITING CANADA OR MEXICO	26-27
TABLES.....	8	GENERAL.....	26
BEDS.....	8-9	VEHICLES.....	26
BASIC SYSTEMS	9-10	CB RADIO.....	26
GENERAL.....	9-10	HUNTING & FISHING.....	27
ELECTRICAL	10-13	DOGS & CATS.....	27
GENERAL.....	10	TRAVEL RECORD	27
120-VOLT SYSTEM.....	10-11	MAINTENANCE RECORD	28
12-VOLT SYSTEM.....	11-12	APPLIANCE IDENTIFICATION FORM	29
AUXILIARY GENERATOR.....	12-13	SPECIFICATIONS	29-30
FRESH WATER SYSTEM	13	FLOOR PLANS.....	31
GENERAL.....	13	PRE-DELIVERY CHECK LIST	32
SANITIZING WATER TANK.....	13	SPORTSCOACH SERVICE & WARRANTY POLICY	33
WATER PUMP.....	13	WARRANTY REGISTRATION	34
WATER PURIFIER.....	13	RECREATIONAL VEHICLE LIMITED WARRANTY	35
FILL FRESH WATER SYSTEM	13-14	EXTERIOR VIEWS AND FEATURES	36-37
CITY WATER HOOK-UP.....	13-14		
WATER TANK FILL.....	14		
PURGE SYSTEM.....	14		
CARE OF SINKS, LAVATORY & TUB/SHOWER.....	14		
LEAKS.....	14		
DRAINAGE/SEWER SYSTEM	14-15		

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 lenses.

REARVIEW MIRRORS should be adjusted so the driver can see 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).

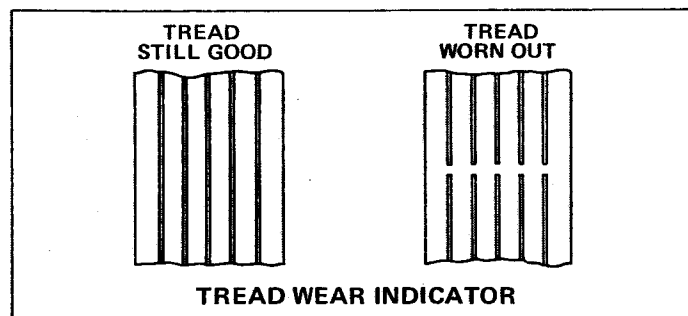
EXTERIOR ACCESS DOORS for storage and equipment should be closed and locked.

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 Sportscoach 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.

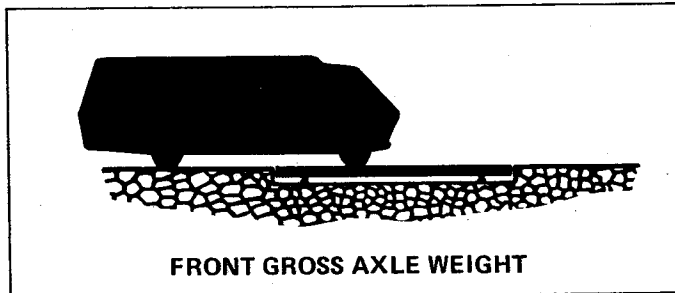
GVWR — The maximum permissible weight of your vehicle, including cargo, all options and passengers.

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.

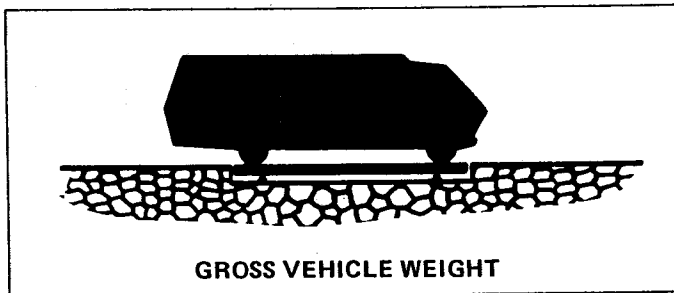
You can weigh your vehicle at a grain elevator, sand and gravel dealer or government weighing station (they are listed in the yellow pages of your telephone directory). The small fee involved may save you considerable trouble and expense later. Be certain to weigh the motor home with all passengers,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

WEIGHING

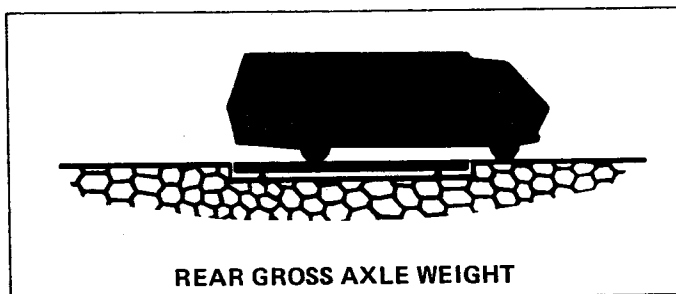
STEP 1 — Drive only the front axle of the motor home onto the scale. Compare the weight to the front GAWR listed on the Federal Sticker.



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 page 30 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

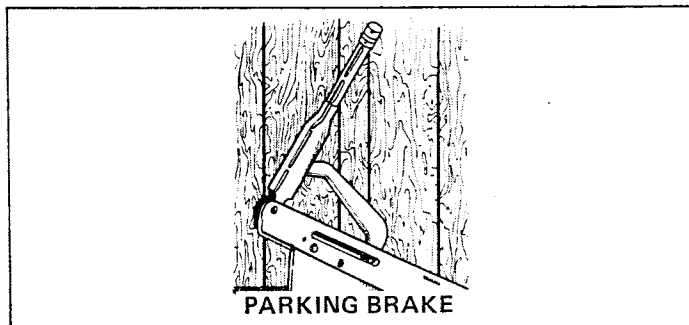
If your motor home's engine overheats, pull well off the road. Shift to Park (P) for Chevrolet and GMC, or Neutral (N) for Dodge, and run the engine with your foot resting lightly on the accelerator pedal. If the engine does not cool within 2 to 3 minutes, turn it off and locate the problem.

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.

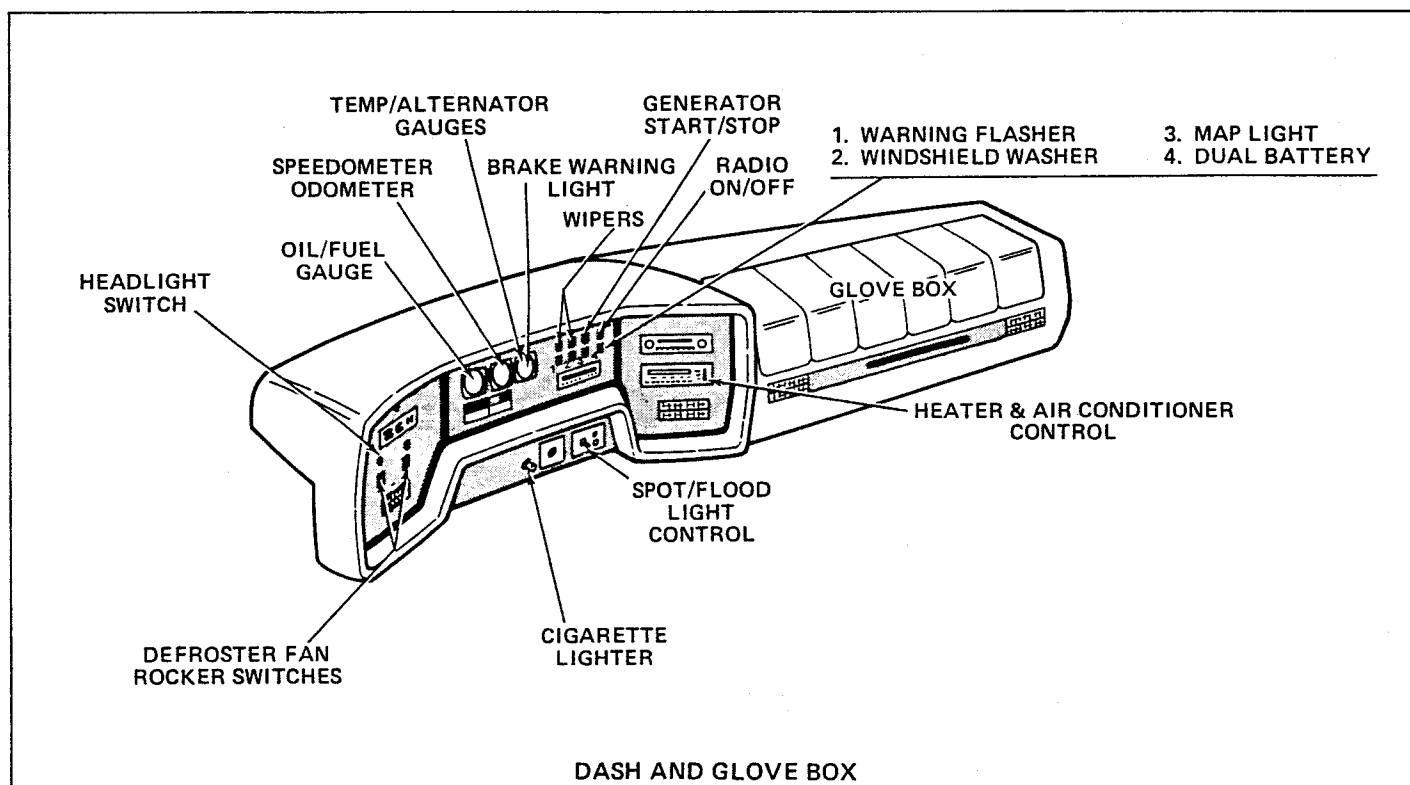
TIRE CHANGE

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.

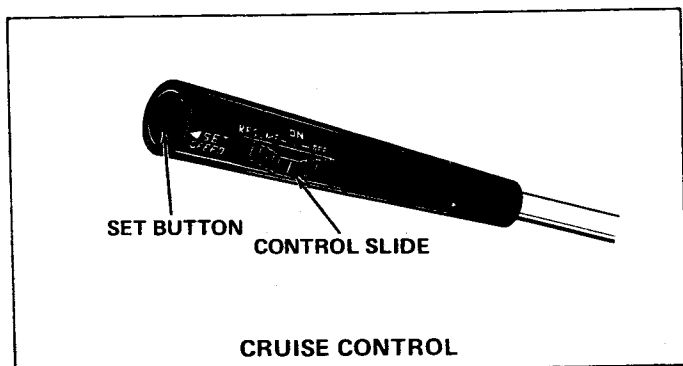
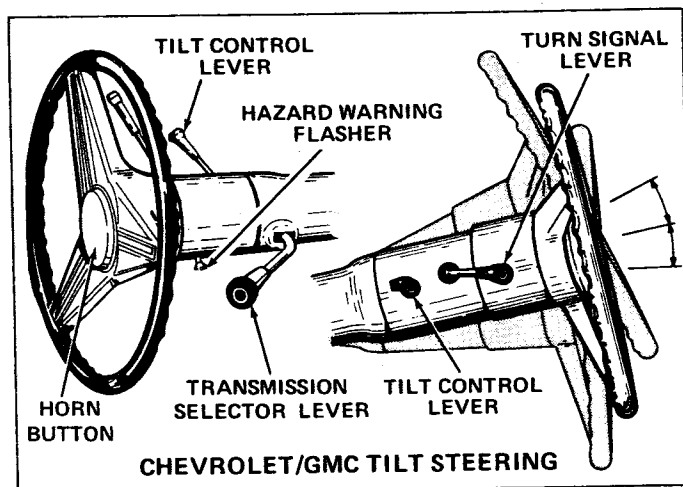
CAUTION: Use the jack only for changing tires. Never get beneath the vehicle when using the jack; never start or run the engine while vehicle is on the jack. Always securely stow the spare tire on the spare tire carrier and return all jacking equipment to its proper storage area.

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). Move the steering wheel to the desired position and release the lever 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

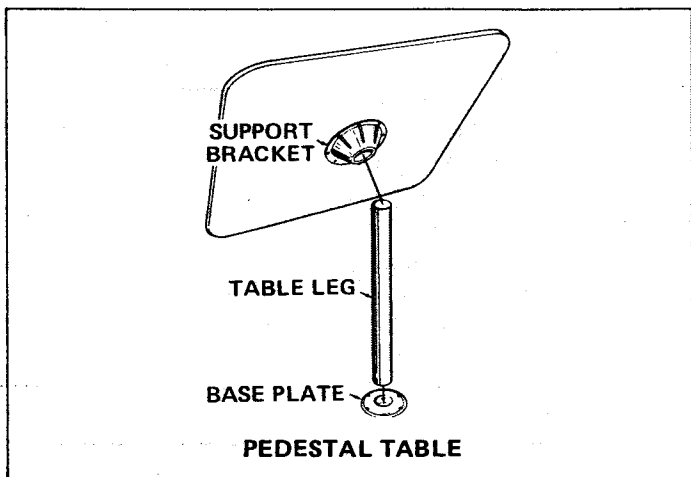
You'll want your motor home to be level for your own comfort (you don't want items sliding off counters and tables or out of cabinets). But more important, the unit must be level in order for your refrigerator and drainage system, both of which function by gravity, to operate properly. Place a level 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.

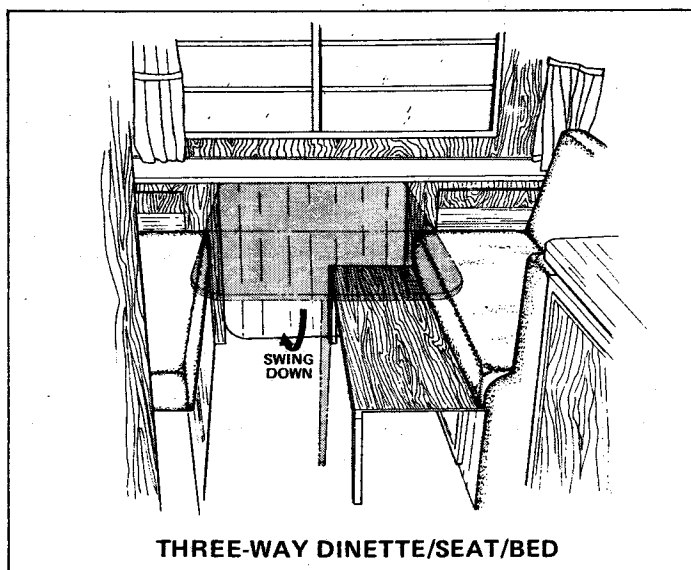
If your unit needs side-to-side leveling, make a step leveling ramp (Figure 2) using 1" x 6" or 2" x 6" boards of varying lengths. Pull forward or back onto the leveling ramp until the tire(s) on the low side are level. There also are numerous commercial levelers available; ask your Sportscoach dealer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



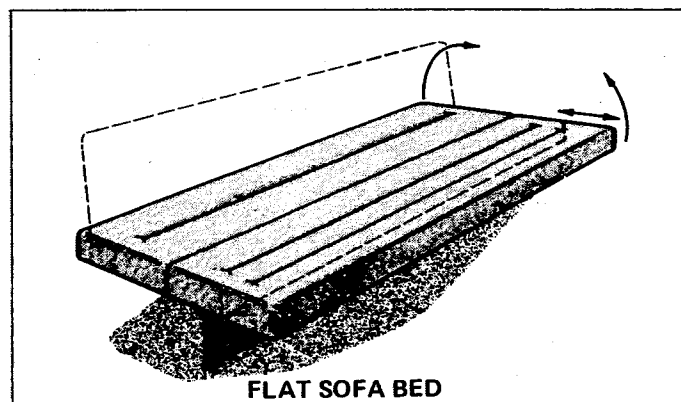
BEDS

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

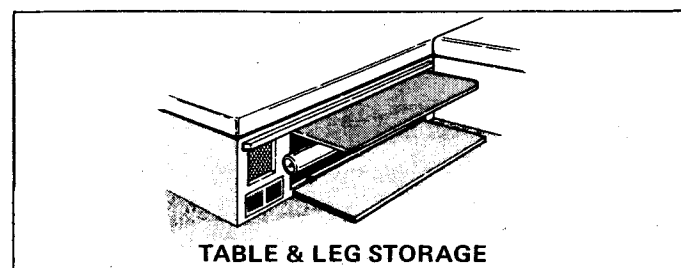
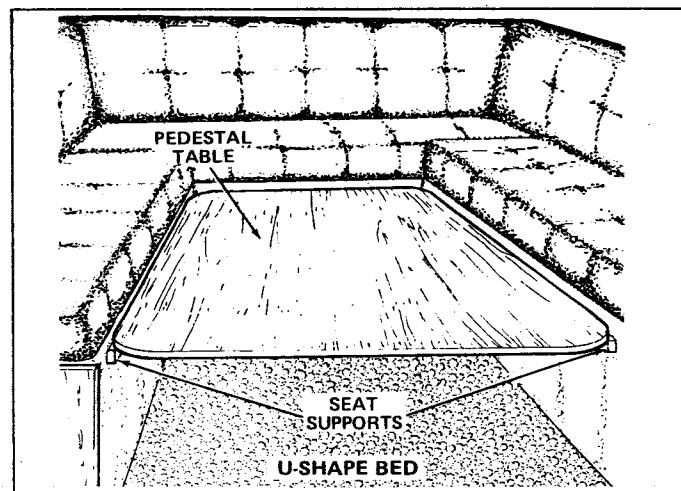
setup position. Pull out the handle and push down on the backrest. Push the handle back into the locked position. Repeat this procedure on the opposite seat to assemble the other half of the bed.

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

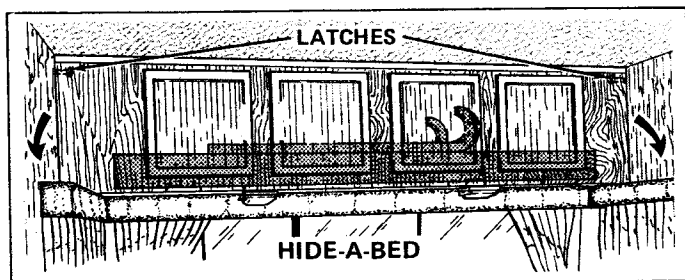
SOFA — To make the sofa into a bed, remove extra cushions and the armrests. Lift and pull outward on the bottom of the sofa. Fold the upper back cushion down to form a level mattress. The armrests may be used as pillows if desired.



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.

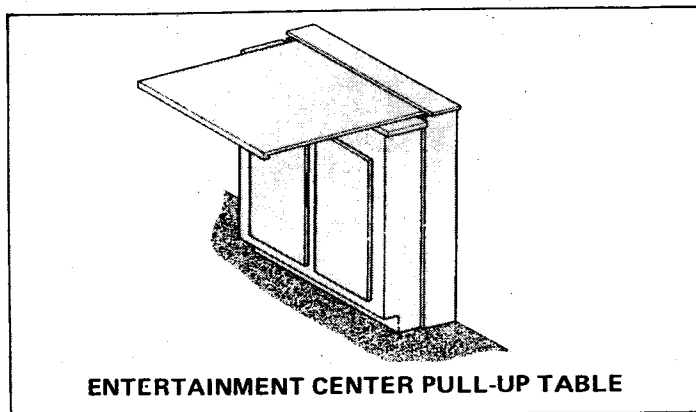
A wooden fold divider door, standard in some models, slides along a ceiling track. Secure on the unit's side with the tieback when not being used.

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.

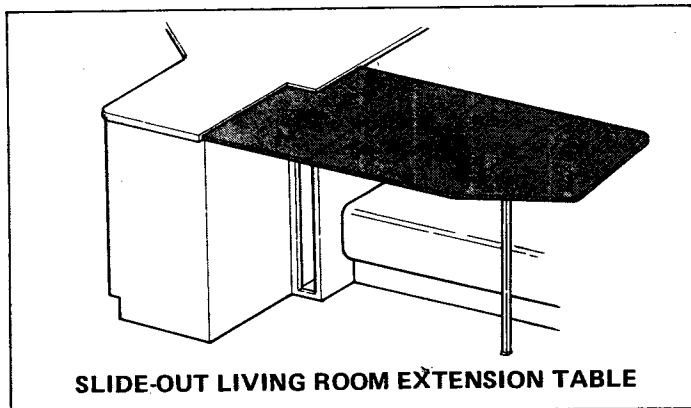
RECLINING DRIVER & PASSENGER SEATS — Fully adjustable, fore and aft, the front driving compartment seats also provide full-swivel freedom to make entry and exit easier; but also to permit turning, when parked, to join in the conversation and other activity in the front living area. The front lever permits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



ENTERTAINMENT CENTER PULL-UP TABLE — Lift pull-up table from its storage location behind the cabinet. Lay it in position across the top, as shown.



SLIDE-OUT EXTENSION TABLE — Pull the slide-out table from its storage location in the end of the galley beside the living room. Lift the table, unlatch the folding leg under it and extend the leg to the floor. Slide the table toward the sofa or gauchio and install a leaf or two to extend it.



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 walnut doors, cabinets and panels 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 walnut surfaces with household furniture polish. Wash plastic surfaces with warm water and liquid soap.

CARE OF FLOORING — Vacuum and shampoo carpet as required.

BASIC SYSTEMS

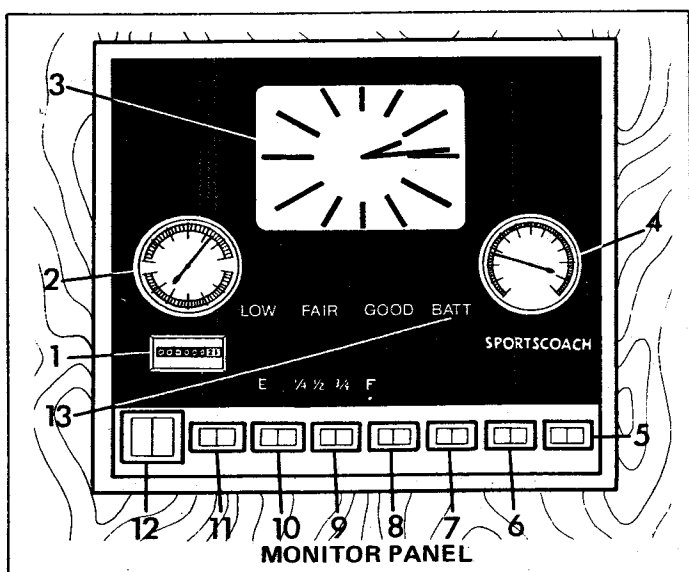
GENERAL

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.

ELECTRICAL

GENERAL

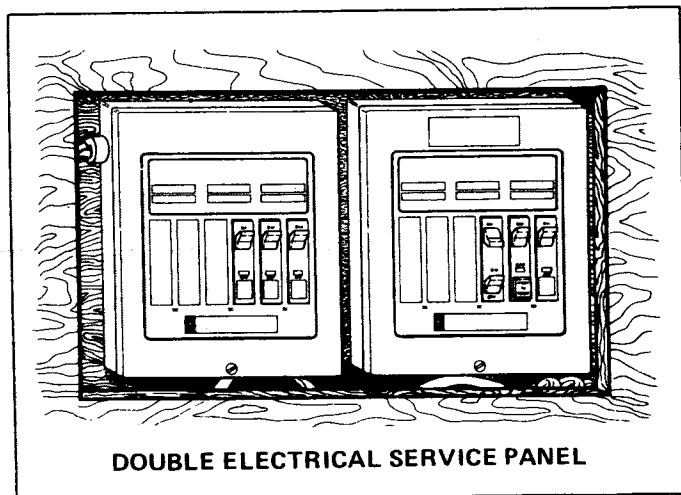
Your motor home has two separate electrical systems, which provide power while you are camped or traveling. There is a 12-volt direct current system, such as those in automobiles, and a 120-volt alternating current system, which requires an external source of 120-volt electricity, provided by a connection 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.

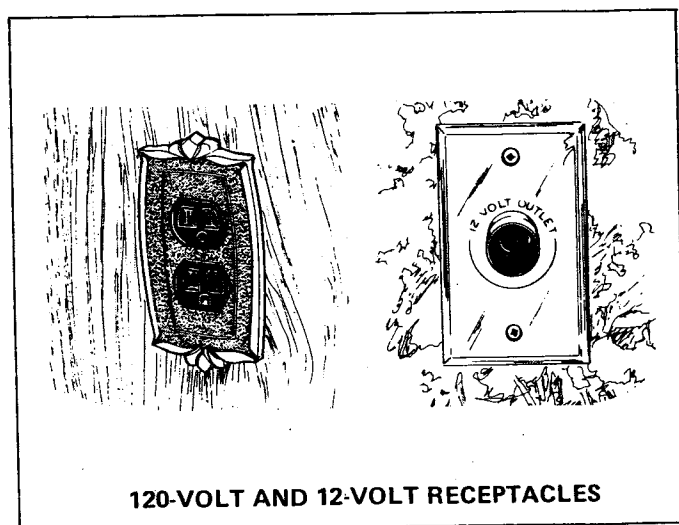
GROUND FAULT INTERRUPTER — The bath and exterior receptacles are connected to a Ground Fault Interrupter (GFI). This highly-sensitive circuit breaker will help protect against severe electrical shock if a ground fault develops. If this occurs, the GFI will break the circuit by turning the power off to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



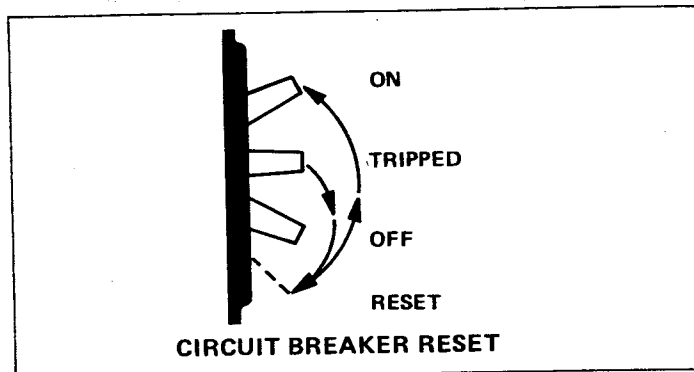
CAUTION: The GFI does not completely eliminate electrical shock. Small children and persons with heart conditions or other disabilities that make them especially sensitive to electrical shock may still be injured by a ground fault on the bath or exterior receptacles.

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.

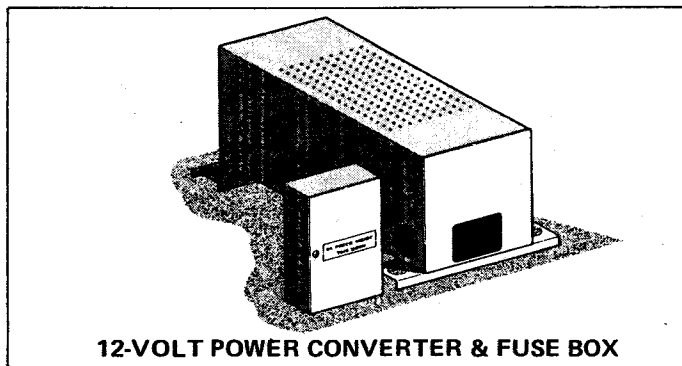
The automotive battery supplies 12-volt power to the engine ignition system, the dashboard lights and accessories, headlights, taillights, backup lights, clearance lights, turn signals and warning flasher lights. The automotive alternator will charge both the automotive and the RV batteries, although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

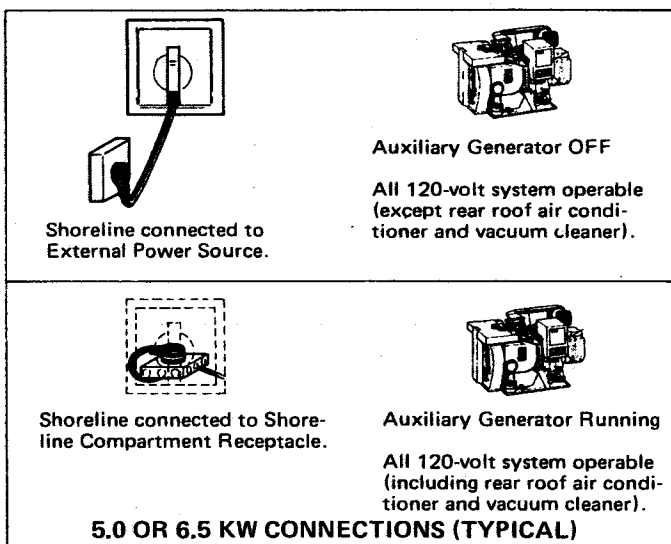
The auxiliary generator (Figure 7) is a gasoline-powered appliance which supplies 120-volt AC power. It draws fuel from the chassis-engine gasoline tank but will not empty the tank. (The generator will stop running when fuel drops below 16-gallons.) The generator can be operated when your motor home 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. 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 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.

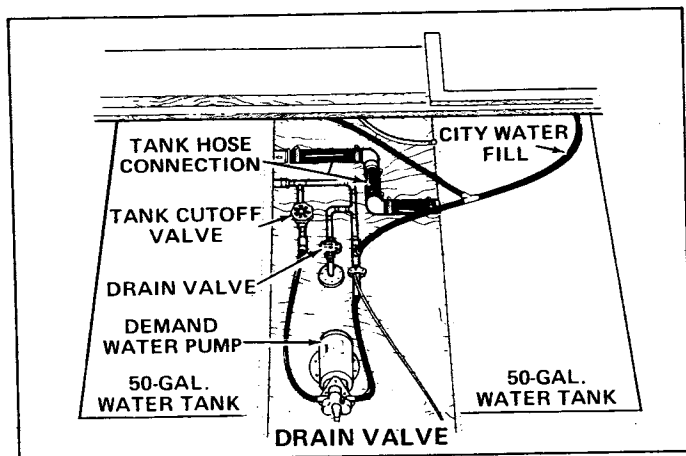
FRESH WATER SYSTEM

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.

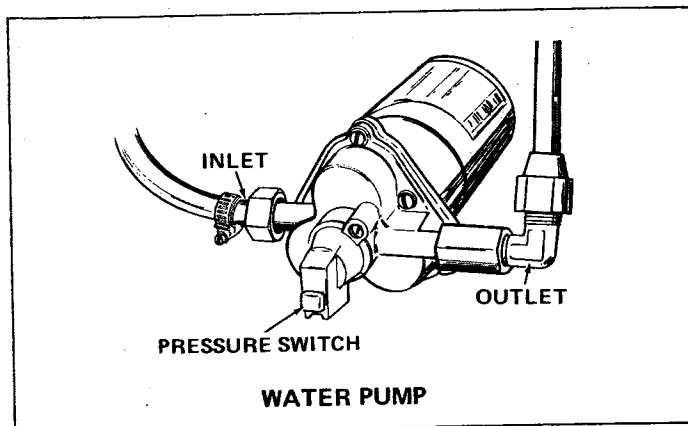
SANITIZING WATER TANK

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 as described, 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.

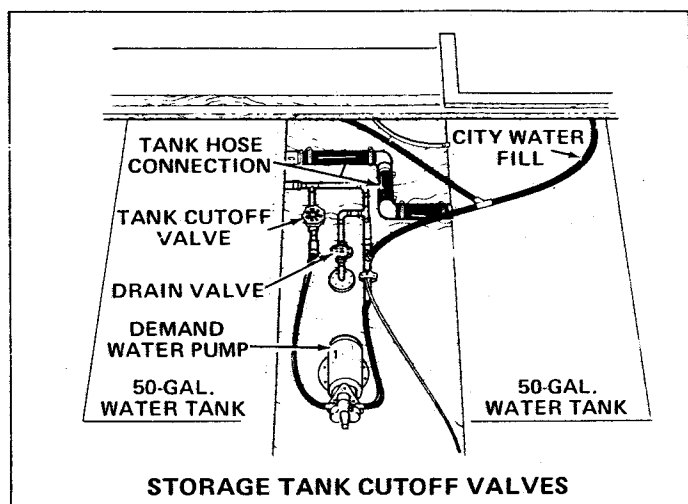
FILL FRESH WATER SYSTEM

CITY WATER HOOK-UP

Connect clean garden hose to city water fill (Figure 8) on roadside of coach to bypass the water tanks and provide water under pressure without using the water pump.

CAUTION: Some localities deliver high-pressure city water — 100 psi or more. We recommend you install a pressure reducer (pressure regulator) between the faucet and your hose. Your dealer or local hardware can provide this device. It will protect your hose, as well as your coach plumbing by limiting pressure to 50 psi or less.

With city water ON, the water pump should be OFF. Check plumbing inside for leaks. Open each faucet until water flows, free of air bubbles. If the water from the lines or the water heater is dirty or has a bad odor, refer to "Sanitizing Water Tank", above, to avoid drinking or cooking with contaminated water.



WATER TANK FILL

Release the retainer on the gravity water fill spout (Figure 9) and pull spout out. Open tank cutoff valve, shown above. Fill tank through spout with a clean garden hose or bucket 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.

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.

DRAINAGE/SEWER SYSTEM

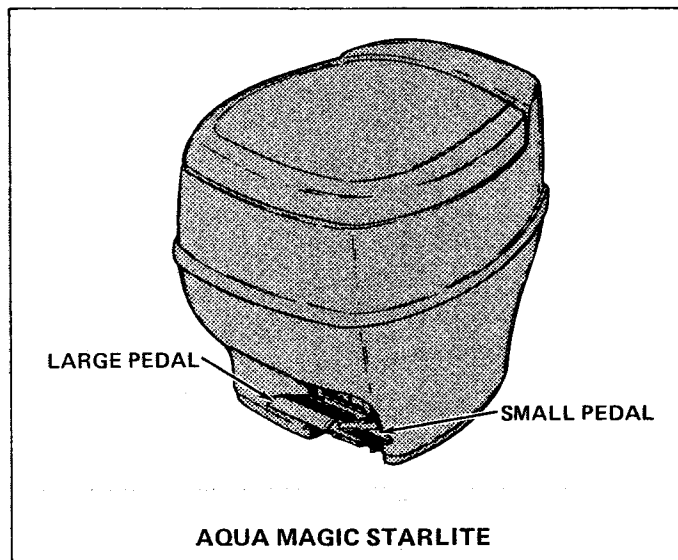
GENERAL

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 Starlite toilet. The Aqua Magic Starlite 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 Starlite, 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.

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

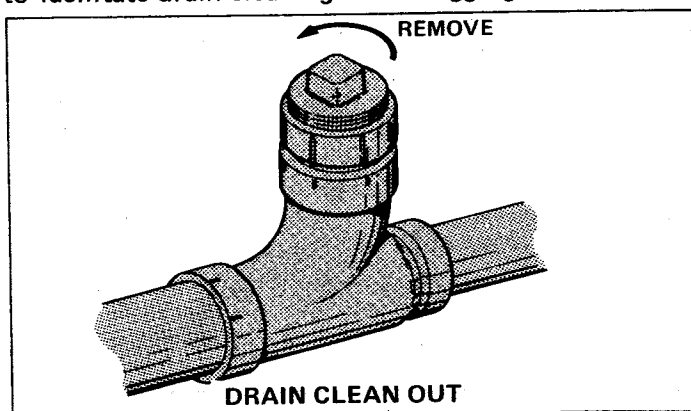
At a campsite with an on-site drain connection, connect the drain hose, as above, but only open the gray water dump valve. Sink and shower water will then drain directly into the campground septic system. Only open the dump valve for the toilet waste tank when the tank is **FULL** or you are preparing 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.

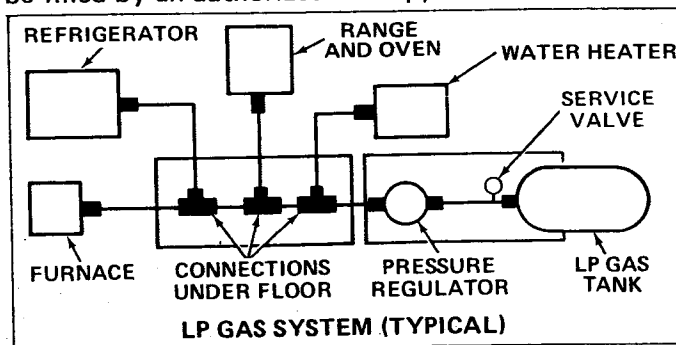


LP GAS SYSTEM

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.

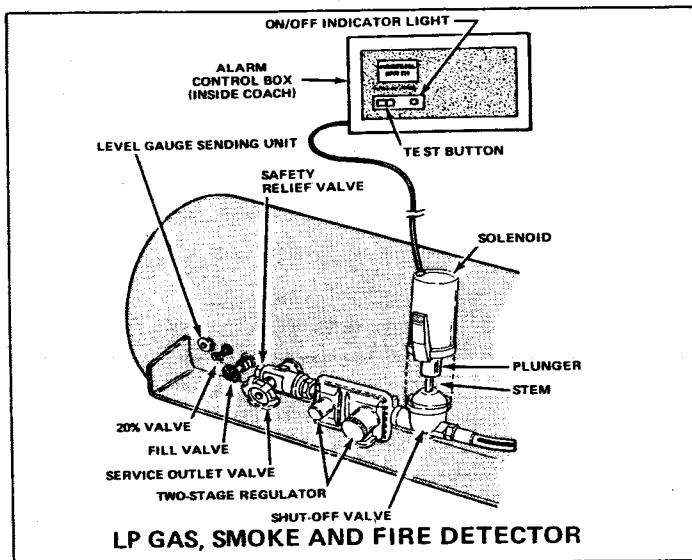
Liquid gas does not vaporize as rapidly in cold weather, so you may place too great a demand on your tank's capabilities in certain conditions. This can cause a refrigeration effect resulting in frosting of the tank and regulator. Check with your Sportscoach dealer or LP supplier about the appliance 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.

LP GAS, SMOKE AND FIRE DETECTOR

A positive alarm and shutoff system protects you from hazardous LP gas leaks, as well as from the dangers of fumes, smoke and fire. The detector is installed close to the floor in the hallway. It senses various gases but, primarily, it protects you from any LP gas leak inside the coach which could pose a fire, explosion or asphyxiation hazard for you.

Whenever this Control 4 sounds its alarm, it also signals a shutoff valve, mounted beside the LP gas regulator on the tank, to stop any further flow of

gas. (A time delay of 10 to 20 seconds avoids nuisance shutoffs that require relighting the pilots.) If the alarm sounds - or if you smell gas before the alarm does - follow the 5 steps, above, under WARNING. After your unit has been thoroughly ventilated, find the leak.



Make sure the Oven Control is set so the pilots are OFF. Turn the furnace and water heater controls OFF, too. Then, at the LP tank, unsnap the Solenoid, as shown, from the Shutoff Valve and press downward gently on the Plunger to push the Stem into the housing. This resets the valve. Snap the Solenoid clamps securely around the Shutoff Valve flange. Open the tank Service Outlet valve and, inside the coach, brush soapy water on all line connections. Do NOT use soap products that contain chlorine or ammonia. When bubbles appear, use two wrenches to tighten the fittings. Be sure to check ALL connections. Once you are certain all leaks have been found and stopped, turn the water heater and furnace ON and relight ALL pilots.

If the leak persists, close the Service Valve and contact a nearby LP gas or Sportscoach dealer.

The Control 4 sensor is wired directly to your RV batteries, a fail-safe source of power. The alarm horn will chirp intermittently whenever the gas sensor filament is not functioning or when the battery voltage drops below 10.5-volts. If re-charging the batteries does not eliminate the chirp, test the alarm by blowing smoke directly at it or by depressing the test button on the face of the unit.

NOTE: If the test button is depressed for 20-seconds, the shutoff valve, also, is tested; but the pilots must then be relighted after the shutoff valve is reset.

When the coach is stored with the LP Service Valve OFF, you may want to remove and store the batteries in the basement or garage. When the unit is returned to service, reconnect the alarm and test its operation, as above.

If the alarm does NOT sound, check for a loose or broken wire. If it still does not function, have your Sportscoach dealer check it or follow the manufacturer's warranty return instructions.

Functioning separately, the Control 3 Shutoff Valve also protects your LP lines from excessive gas pressure. If the tank is over-filled or dirt blocks the air vent of the regulator, excess LP gas pressure (above 2-psi) will cause Control 3 to shut off service until the cause is eliminated. Have your LP gas dealer bleed excess fuel from the tank and clean and, possibly, test the regulator. Reset the Shutoff Valve, as described above. If the line pressure has dropped, the Shutoff Valve will remain open. Be sure to relight ALL pilots.

APPLIANCES AND ACCESSORIES

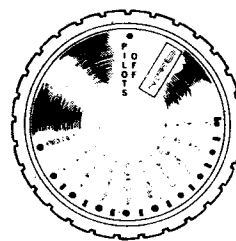
RANGE, RANGE HOOD, OVEN

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.

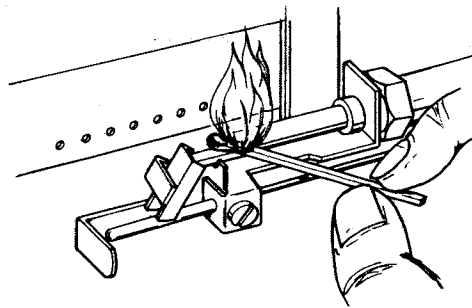
LIGHTING THE PILOTS — There are pilot burners in all LP gas ovens and on top for the range burners, as well. All pilot lights, including the range top pilot, are turned on and off by the oven temperature control knob.

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.

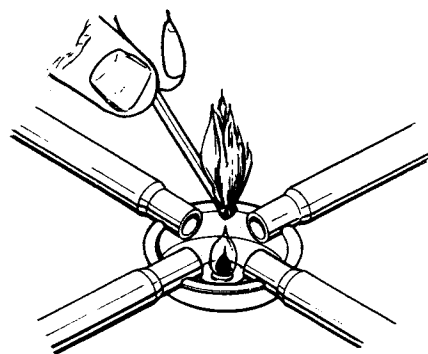
CAUTION: When using the range burners or the oven, ALWAYS BE SURE BOTH PILOTS ARE LIT. Open a window or vent and use the range exhaust fan to remove humidity and odors produced by cooking. Do NOT use burners or oven to heat the interior of your unit. ASPHYX- IATION COULD RESULT. Set oven control knob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



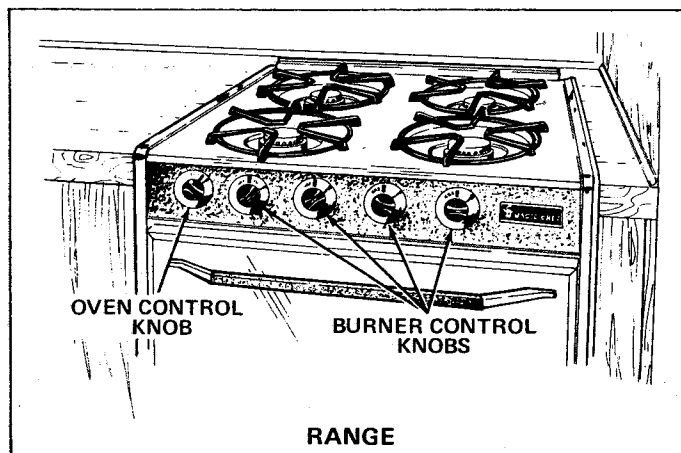
OVEN CONTROL KNOB



LIGHTING OVEN PILOT



LIGHTING TOP PILOT

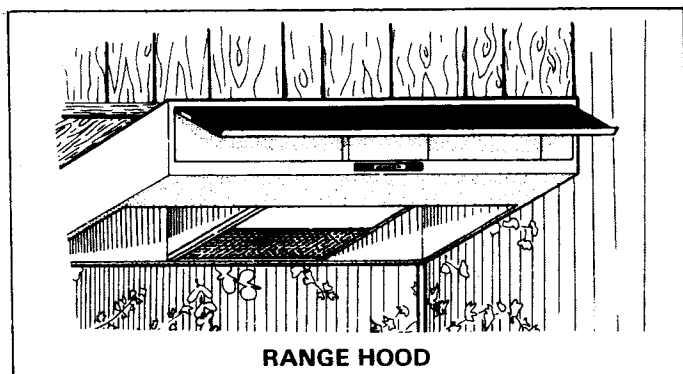


RANGE

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.



RANGE HOOD

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 a 120-volt unit used to cook, defrost or simmer foods in less time than other cooking methods.

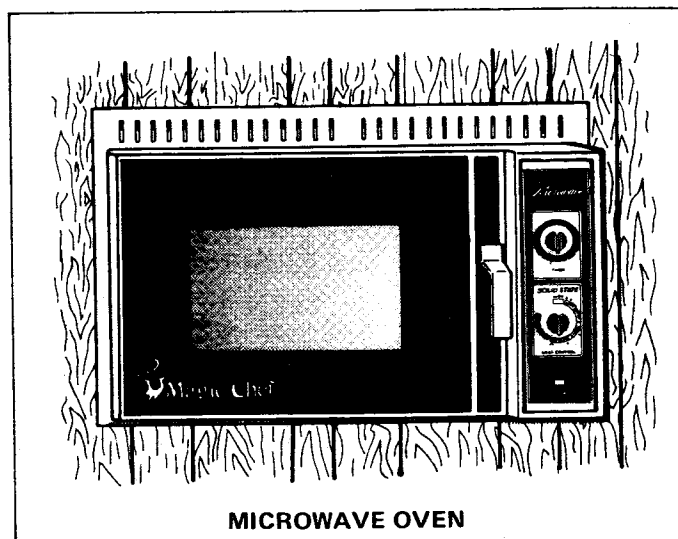
The control panel has a timer, solid state heat control and a heating indicator light. When the door is opened, the interior light will automatically switch on. The microwave oven is connected to a special switch in the overhead cabinet beside it which disconnects the front roof air conditioner whenever 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.**

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



MICROWAVE OVEN

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.

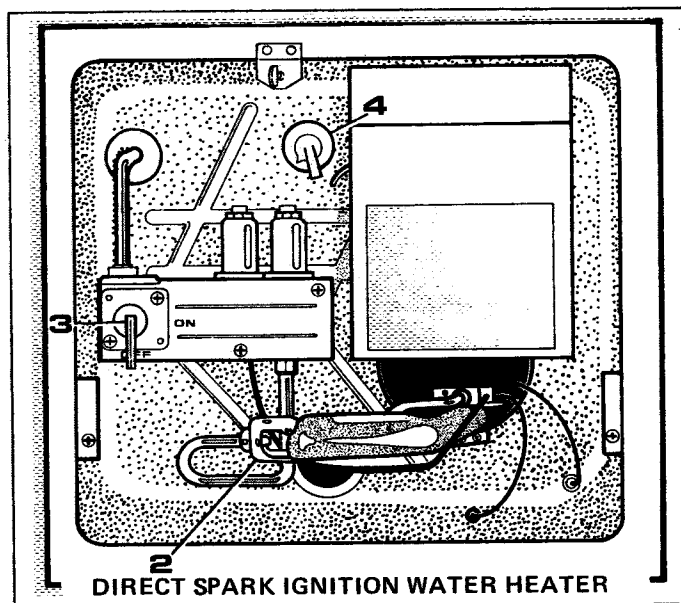
ELECTRONIC IGNITION WATER HEATER

The water heater uses LP gas to heat water, providing 100°F. heat recovery on 10.3-gallons per hour (Figure 14).

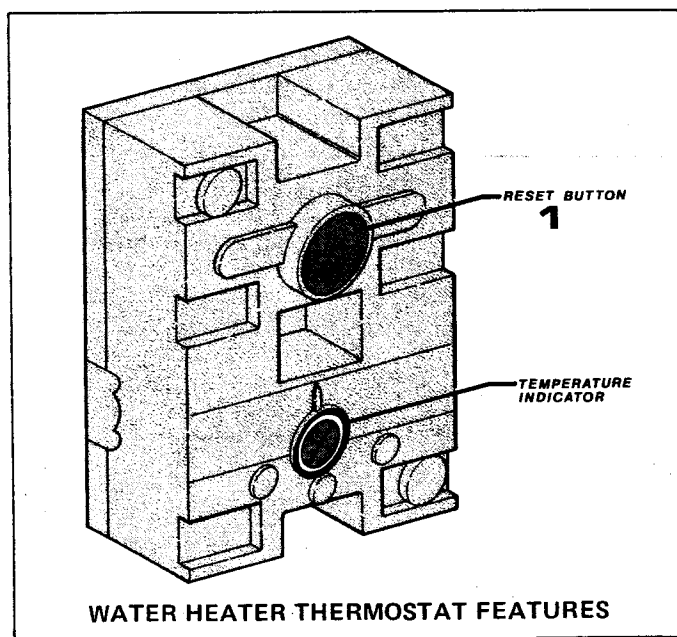
The heater contains a regulated 100% safety thermostat, a high-tensile steel tank (lined with

glass) and tested to 300-psi. The gas valve is adjustable to maintain burner efficiency using fuels that vary by locale.

LIGHTING THE HEATER — Open the relief valve (4) in the outside heater compartment with the water pump ON or when connected to city water. Close the relief valve when water flows, free of air bubbles from the heater. Open the manual gas cock (3) and then, make sure the LP Tank Service Valve is open. Inside the coach, turn the water heater switch ON. If ignition does not occur within a few seconds, the safety thermostat automatically shuts down into a lock-out mode. To reactivate the igniter, simply reset by turning the water switch OFF and then ON.



CHECK THERMOSTAT SHUT-OFF — Turn thermostat or water heater switch to OFF position. Check to see that the main burner shuts off completely. (There is no pilot light.)



WATER HEATER THERMOSTAT FEATURES

CHECK BURNER ADJUSTMENT — All air shutters (2) are present at the factory to produce a blue or orange-blue flame. If the burner flame is yellow or sooting occurs, adjust the air shutter by turning it to obtain a blue flame.

EXTINGUISHING THE BURNER — Turn the water heater switch inside the coach OFF for temporary shut-down. For complete shut-down, turn the gas cock lever in outside compartment OFF.

THERMOSTAT RESET BUTTON — If the water in the heater ever reaches 210°F., the thermostat safety shuts off the gas to the main burner. When this occurs, the burner will not re-light until the reset button (1) on the thermostat has been depressed. This reset, as shown above, is located behind the cover plate above the main burner.

DRAINING — Inside the coach, turn the water heater switch OFF, the water pump switch OFF (or disconnect the city water supply) and open several hot water faucets. Outside, in the water heater compartment, turn the gas cock lever OFF and open the drain cock or remove the drain plug. The drain cock is threaded to receive a standard garden hose.

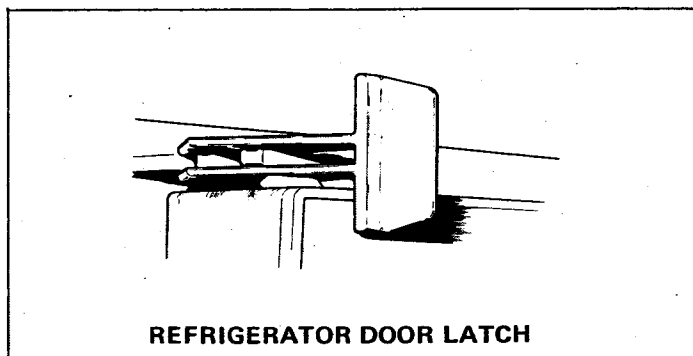
CARE OF WATER HEATER — Keep the exterior compartment clean, free of combustible materials. Never block the relief valve or vent. If the relief valve drips occasionally, this is normal. If sediment accumulates on the valve outlet, use a metal tool to scrape it off. After draining, if some water remains in the tank, add potable antifreeze to protect the entire system or use air pressure to blow the tank dry. (Inject **low-pressure** air through the relief valve port or disconnect an inside water line.)

NOTE: If the relief valve or plug is removed, reinstall it securely with a pipe wrench and pipe dope to assure a water-tight seal.

REFRIGERATOR

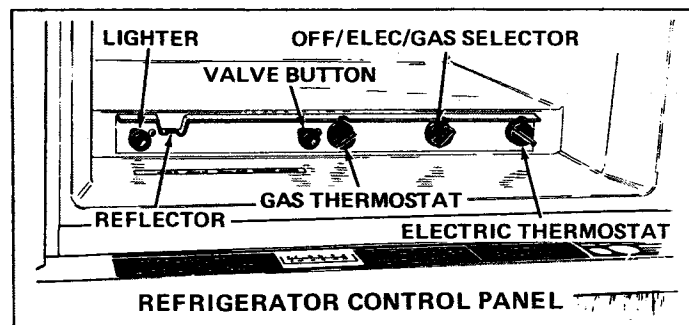
GENERAL — When you park your vehicle, even for a relatively short period, the refrigerator must be level since it functions on the gravity flow of chemicals. (If you must stop on an uneven site, turn the selector to OFF.) Use a level on the freezer compartment floor to check levelness. Whenever possible, 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.

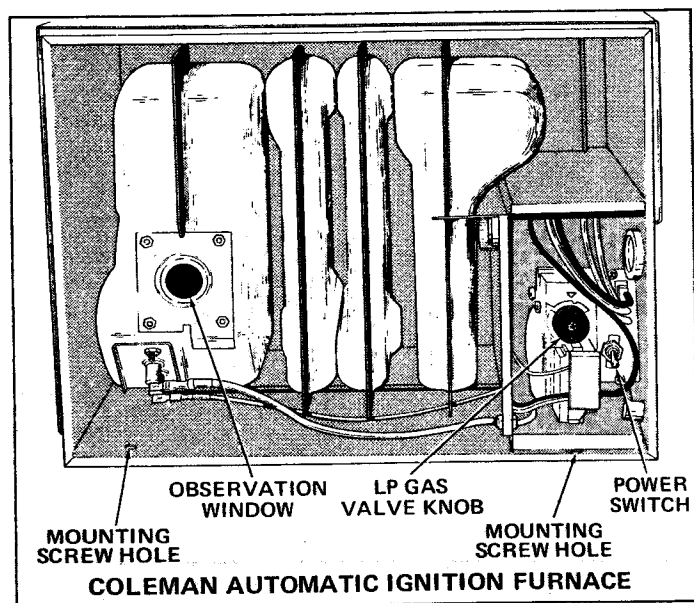
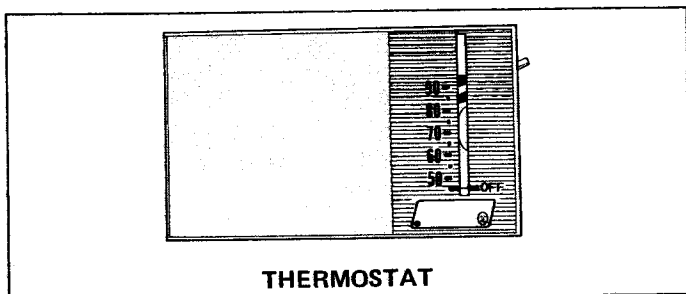
CARE OF REFRIGERATOR — Remove food and ice after each trip. Clean interior with warm water and liquid dishsoap. Wipe dry with soft, dry cloth. **DO NOT** use abrasive cleaning material; it will scratch interior surfaces. Prop the door open during periods of nonuse.

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.



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.

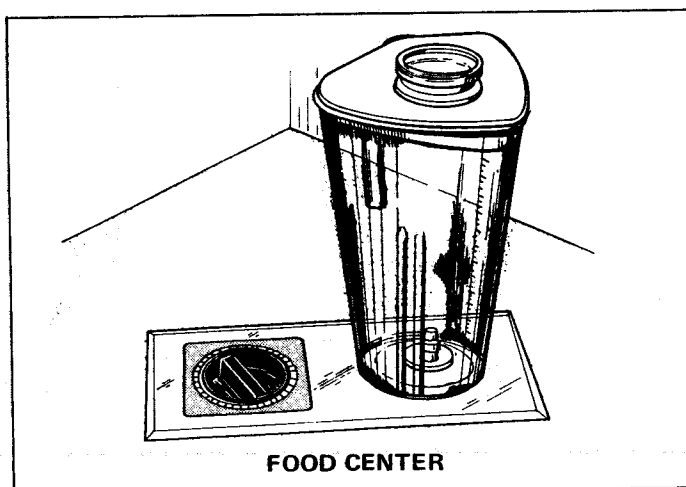
NOTE: Portable fuel burning heating appliances should not be used for comfort heating in the living area of your Sportscoach unit.

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.

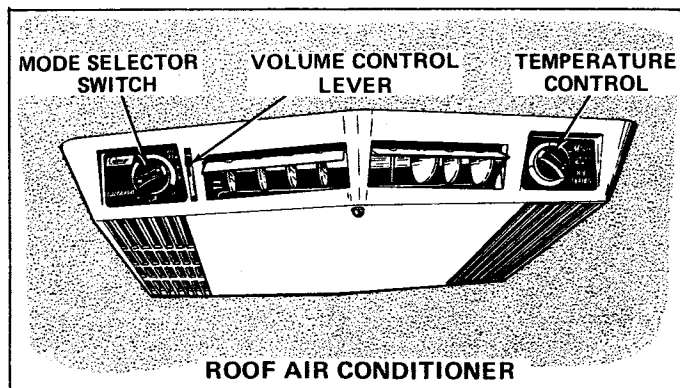
Your food center can also mix, shred, grind or slice food with additional attachments which are available from a Nutone food center dealer.



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 rear roof air conditioner is powered only by the auxiliary generator.

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

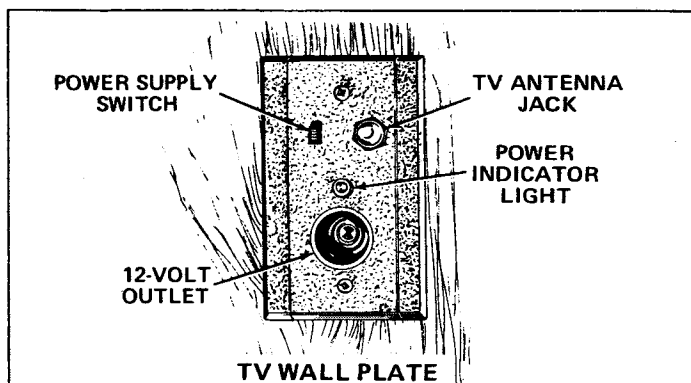
The tape player is equipped with an automatic head cleaner. Occasionally you will have to clean oxide off the tape playback gear, capstan shaft and the automatic track selector. To activate the capstan, depress the switch (located next to the capstan) with the eraser end of a pencil. Use a cotton swab,

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.

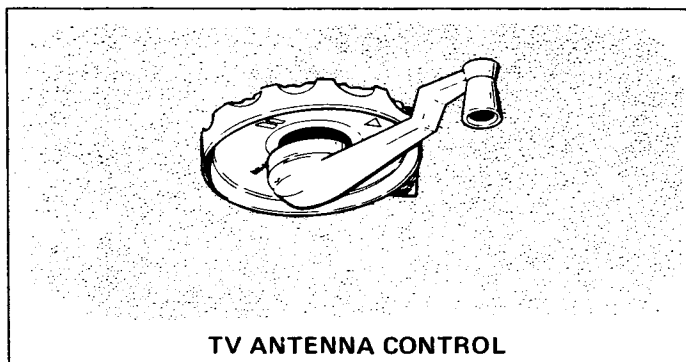
TV ANTENNA

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.



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 luke-warm water. Apply automotive type wax at least once a year.

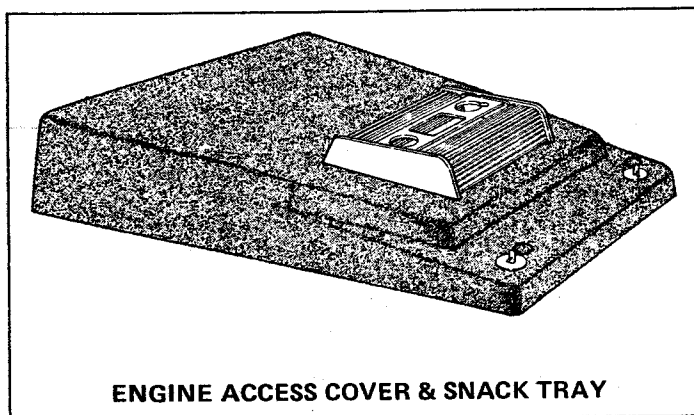
CAUTION: To avoid marring body surfaces, **DO NOT** use abrasive cleaning compound or cloth; **DO NOT** wipe the surface with a dry cloth; **DO NOT** wash or wax your unit in the hot sun, wait until the surfaces have cooled.

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 & SNACK TRAY

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

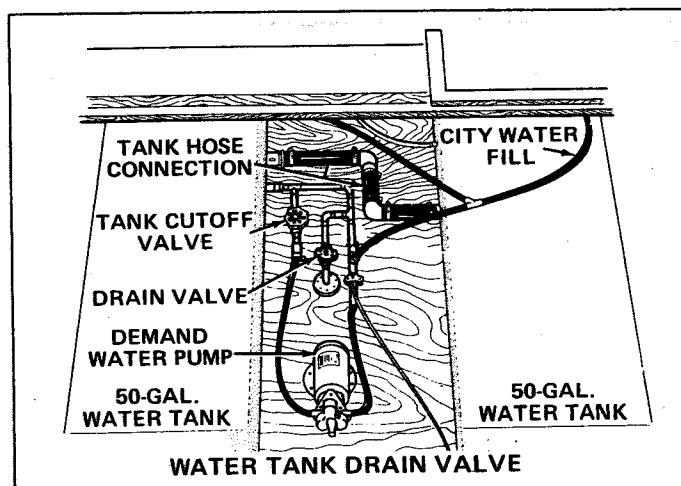
You should perform the following procedures if you will not be using your unit for an extended period.

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 antifreeze in the fresh water system; it is poisonous.*

FRESH WATER SYSTEM can be winterized by briefly opening all faucets and turning the pump ON, with all of the sink and 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

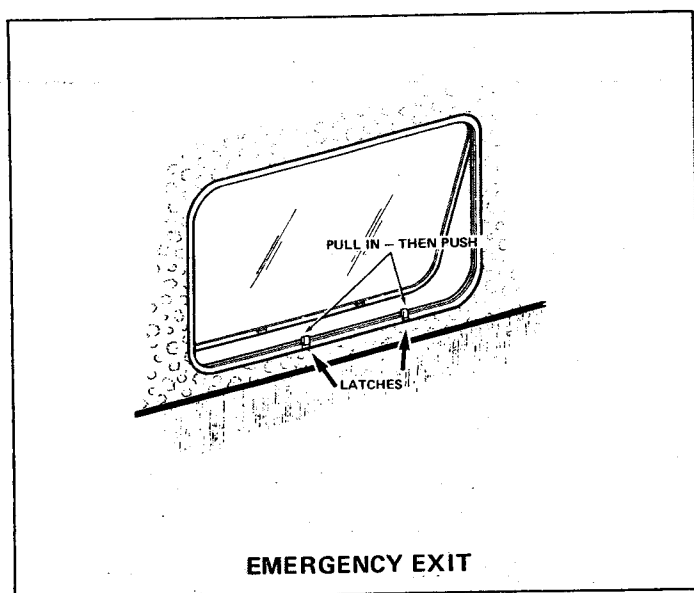
Prevention is the best form of fire safety. Follow the instructions previously listed for the care, maintenance and operation of the various appliances in your vehicle. Make certain everyone in your party is familiar with emergency features of the unit, the locations of exits and the location and operation 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 (Aduana) offices upon presentation of tourist card, vehicle registration, and title or notarized statement from owner.

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

CB RADIO

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

HUNTING AND FISHING

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

DOGS AND CATS

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

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

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	<u>SPORTSCOACH</u>	<u></u>	<u></u>
Motor Home Chassis	<u></u>	<u></u>	<u></u>
Keys — Door	<u></u>	<u></u>	<u></u>
Exterior Storage	<u></u>	<u></u>	<u></u>
Other	<u></u>	<u></u>	<u></u>
Range/Oven	<u></u>	<u></u>	<u></u>
Furnace — Front	<u></u>	<u></u>	<u></u>
Furnace — Rear	<u></u>	<u></u>	<u></u>
Toilet	<u></u>	<u></u>	<u></u>
Converter	<u></u>	<u></u>	<u></u>
Refrigerator	<u></u>	<u></u>	<u></u>
Electric Water Pump	<u></u>	<u></u>	<u></u>
Electronic Ignition Water Heater	<u></u>	<u></u>	<u></u>
Roof Air Conditioner — Front	<u></u>	<u></u>	<u></u>
Roof Air Conditioner — Rear	<u></u>	<u></u>	<u></u>
Automotive Air Conditioner	<u></u>	<u></u>	<u></u>
Radio	<u></u>	<u></u>	<u></u>
TV Antenna	<u></u>	<u></u>	<u></u>
Generator	<u></u>	<u></u>	<u></u>
Microwave Oven	<u></u>	<u></u>	<u></u>
Ice Maker	<u></u>	<u></u>	<u></u>
Trash Compactor	<u></u>	<u></u>	<u></u>
Vacuum Cleaner	<u></u>	<u></u>	<u></u>
Food Center Blender	<u></u>	<u></u>	<u></u>
AM/FM/MPX Stereo Radio,	<u></u>	<u></u>	<u></u>
8-Track or Cassette Tape Player	<u></u>	<u></u>	<u></u>

ELECTRICAL SPECIFICATIONS

FUSES

Interior — 15-amp., 12VDC

LIGHT BULBS

Interior 12VDC (Except dome light
inside driver compartment)

Range Hood — 25 Watts (12VDC)
Turn, Tail and Stop — 1157

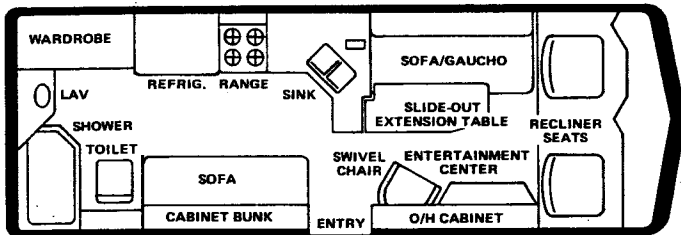
Backup — 1156
License Plate — 67
Clearance — 57
Patio — 1003

MISCELLANEOUS — See page 30 for dimensions, weight, wheel and tire ratings for your unit.

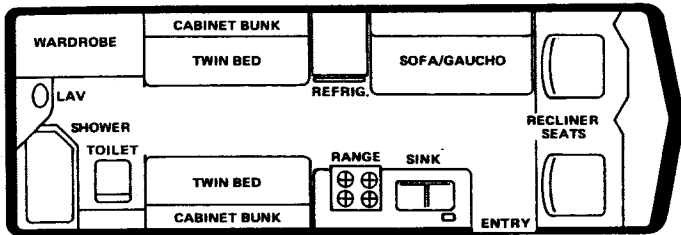
SPORTSCOACH SPECIFICATIONS

	2700SB/RB Chevrolet	2700LR Chevrolet	3100SB/RB	3300SB/RB
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	*	*
Length	26'8-1/2"	26'8-1/2"		
Height (Exterior)	10'3"	10'3"		
Interior Headroom	6'5"	6'5"		
Curb Weight	12,800 lbs.	12,600 lbs.		
GVW (Gross Vehicle Weight)	14,500 lbs.	14,500 lbs.		
Front Axle Rating	5,000 lbs.	5,000 lbs.		
Rear Axle Rating	9,840 lbs.	9,840 lbs.		
Tire Size	8:00-19.5	8:00-19.5		
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		
COMPONENT SPECIFICATIONS				
Air Conditioner, Roof	13,500 BTU	13,500 BTU	(2) 13,500 BTU	(2) 13,500 BTU
w/Heat Strip				
Furnace, Auto-Light	34,000 BTU	34,000 BTU	(2) 24,000 BTU	(2) 24,000 BTU
Furnace Outlets			4 RB/5 SB	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	*	*
Wheelbase	158.5"	158.5"		
Independent Front Suspension	Yes	Yes		
Steering Type	Tilt Wheel	Tilt Wheel		

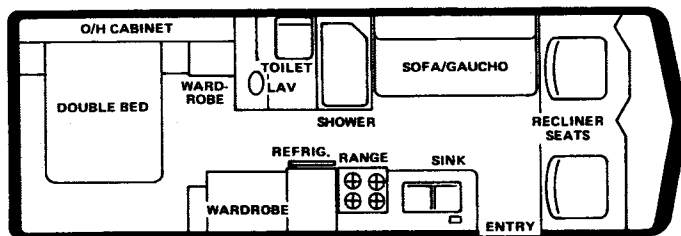
*Refer to Chassis Manufacturer's Owner/Operator's Manual for chassis data.



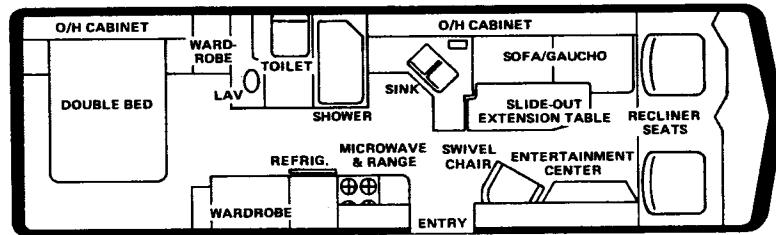
2700 REAR BATH & LIVING ROOM



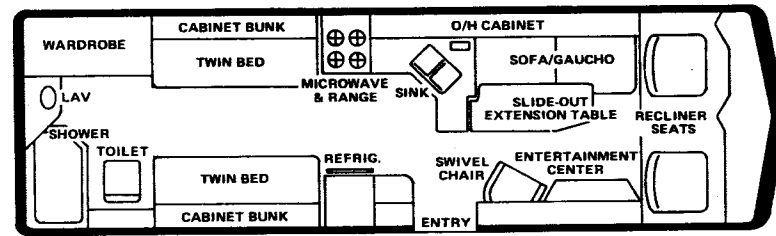
2700 REAR BATH W/TWIN BEDS



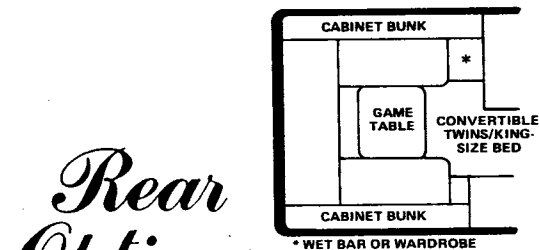
2700 SIDE BATH & ISLAND BED



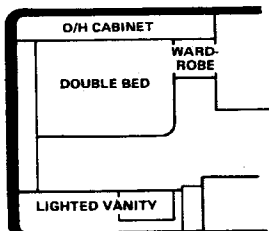
3100 SIDE BATH & ISLAND BED



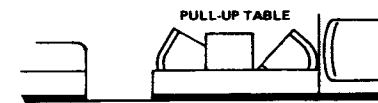
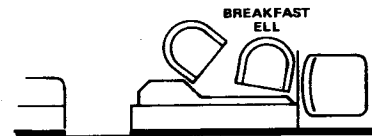
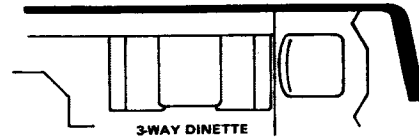
3100 REAR BATH



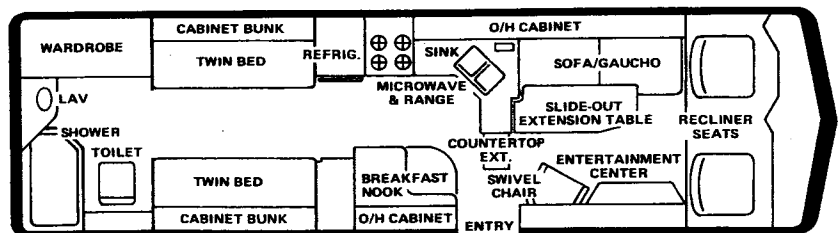
Rear Options



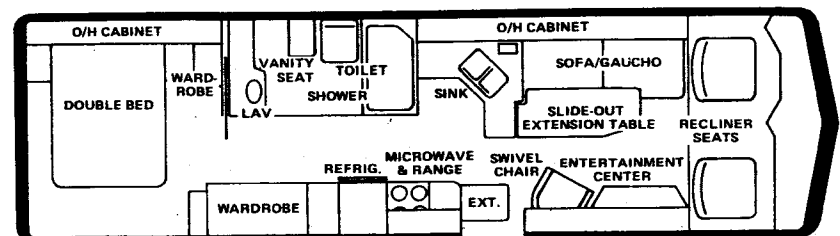
Front Options



Standard & Optional Floorplans



3300 REAR BATH



3300 SIDE BATH & ISLAND BED

SPORTSCOACH

CORPORATION OF AMERICA DIVISION OF COACHMEN INDUSTRIES, INC.

PRE-DELIVERY CHECK LIST

SERIAL NUMBER _____ MODEL _____ YEAR _____ LENGTH _____

MOTORIZED: CHASSIS MANUFACTURER _____ CHASSIS SERIAL NUMBER _____

PRINT ALL ENTRIES CLEARLY

PRIOR TO OWNER DELIVERY, THE SELLING DEALER WILL PERFORM A THOROUGH PRE-DELIVERY OF THE UNIT, AS DETAILED IN THE PRE-DELIVERY MANUAL. THIS FORM IS A LIST OF THE TESTS AND INSPECTIONS REQUIRED. ALL APPLICABLE TESTS AND INSPECTIONS MUST BE PERFORMED. SOME ITEMS ON THIS FORM DO NOT PERTAIN TO ALL UNITS. MARK EACH ITEM INSPECTED WITH THE CHECKER'S INITIALS. WHEN PRE-DELIVERY IS COMPLETED, THE RESPONSIBLE TECHNICIAN SHOULD SIGN AND DATE THE CHECK LIST. AT THE TIME OF OWNER DELIVERY, THE DEALER OR DEALER REPRESENTATIVE SHOULD SIGN AND DATE THE CHECK LIST. THE FIRST COPY OF THIS CHECK LIST MUST BE ATTACHED TO THE WARRANTY REGISTRATION AND RETURNED TO COACHMEN. THE DEALER MUST KEEP THE SECOND COPY ON FILE FOR A MINIMUM OF 5 YEARS.

RV BATTERY

- RV BATTERY HOOKED UP
- CHARGE LEVEL OF THE RV BATTERY WAS _____ SPECIFIC GRAVITY.
- RV BATTERY MOUNTING SECURE

RV BATTERY MANUFACTURER _____

120-VOLT SYSTEM/APPLIANCES

- CURRENT SOURCE TEST
- HOT SKIN TEST
- AC VOLTAGE TEST
- GROUND MONITOR TEST
- REFRIGERATOR

REFRIGERATOR MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

MICROWAVE OVEN

MICROWAVE MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

MOTORIZED ROAD TEST

- PRECEDING ROAD TEST
- TIRE PRESSURES CHECKED
- WHEEL LUGS WERE TIGHTENED TO _____ FT-LBS.
- TIRE CHANGING TOOLS, JACK AND FIRE EXTINGUISHER INSTALLED
- FLUID LEVELS CHECKED
- ENGINE OIL
- POWER STEERING PUMP
- BRAKE MASTER CYLINDER
- CHASSIS BATTERY FLUID
- CHARGE LEVEL OF CHASSIS BATTERY WAS _____ SPECIFIC GRAVITY.
- AUTOMATIC TRANSMISSION
- DIFFERENTIAL LUBRICANT
- COOLANT IN RADIATOR
- AIR CONDITIONING COMPONENTS

DASH A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

RADIO/TAPE DECK OPERATION

RADIO/TAPE DECK MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

MUFFLER SECURED

DURING ROAD TEST

FOOT BRAKE

PARKING BRAKE

AUXILIARY FUEL TANK

DASH COMPONENT OPERATIONS

FOLLOWING ROAD TEST

FLUID LEVELS RECHECKED

RADIATOR COOLANT LEVEL

CHARGE LEVEL OF ANTIFREEZE WAS _____ SPECIFIC GRAVITY.

TAILPIPE CONNECTION

CHASSIS WARRANTY APPLIED FOR _____

WHEEL LUGS WERE TIGHTENED TO _____ FT-LBS.

TIRE CHANGING TOOLS, JACK AND FIRE EXTINGUISHER INSTALLED

CRANKS AND JACKS OPERATED

BREAKAWAY SWITCH. THE AMMETER

READ _____ AMPS.

BRAKE TEST. THE TRAILER TESTER

READ _____ AMPS.

PIGTAIL CONNECTION AND EXTERIOR

LIGHTS

ROAD TEST (IF REQUIRED)

LP GAS SYSTEM/APPLIANCES

LP GAS CONTAINER(S) INSPECTED

LP GAS CONTAINER(S) FILLED

DROP PRESSURE TEST. A MANOMETER

WAS INSERTED IN THE LP GAS SYSTEM

AT _____ INCHES

(LOCATION) HOLDING _____ INCHES

WATER COLUMN FOR _____ MINUTES

PRESSURE WAS THEN ADJUSTED TO _____ INCHES WATER COLUMN.

REFRIGERATOR BURN TEST

FURNACE BURN TEST

FURNACE MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

RANGE AND OVEN BURN TEST

RANGE AND OVEN MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

REAR ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

FOOD CONTROL CENTER

ROOF AIR CONDITIONER(S)

FRONT ROOF A.C. MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

WATER HEATER BURN TEST

WATER HEATER MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

INTERIOR 12-VOLT SYSTEM

- CONVERTER OUTPUT CIRCUITS
- CONVERTER'S BATTERY CHARGER (AT BATTERY). THE VOLT METER READ _____ VOLTS.
- CONVERTER'S BATTERY CHARGER (AT CONVERTER). THE VOLT METER READ _____ VOLTS.

CONVERTER MANUFACTURER _____

MODEL NO. _____ SERIAL NO. _____

INTERIOR 12-VOLT RECEPTACLES

INTERIOR SWITCHES AND LIGHTS

REFRIGERATOR

WATER DRAINAGE SYSTEMS

- CITY WATER INTAKE PRESSURE TEST. THE FRESH WATER SYSTEM WAS PRESSURIZED AT _____ PSI AND HELD FOR _____ MINUTES.
- FRESH WATER TANK FILLED
- WATER PUMP
- SEWAGE HOLDING TANK FILLED
- GRAY WATER HOLDING TANK FILLED
- SYSTEMS DRAINED
- SYSTEMS WINTERIZED (IN SEASON)

AUXILIARY GENERATOR

- PRE-START CHECK
- RUN TEST - NO LOAD
- RUN TEST - LOAD

ADJUSTMENTS AND CLEANUP

- INTERIOR
 - SEATS
 - TABLE AND BED SETUP
 - CHEST COOLER/ICE BOX
 - INTERIOR CLEANED: WALLS WIPED DOWN, FIXTURES CLEANED, FLOOR VACUUMED
- EXTERIOR
 - CAMPING TRAILER CANVAS
 - FEDERAL STICKER INFORMATION
 - VERIFIED
 - EXTERIOR WASHED
 - KEYS ACCOUNTED FOR

I CERTIFY THAT ALL INITIALED TESTS AND INSPECTIONS WERE PERFORMED, ACCORDING TO INSTRUCTIONS IN THE PRE-DELIVERY MANUAL.

TECHNICIAN SIGNATURE _____ DATE _____

DEALER SIGNATURE _____ DATE _____

1-818405SCA Litho U.S.A. FIRST COPY: COACHMEN SECOND COPY: DEALER

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*

SPORTSCOACH		SCA	OWNER REGISTRATION CARD
CORPORATION OF AMERICA			
SERIAL NO.	MODEL	PURCHASE DATE	
		<input type="text"/>	
OWNER:			
DEALER:			
A Division of Coachmen Industries, Inc.			

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.

CHASSIS DEALER

LOCAL ZONE OFFICES

OTHER

SPORTSCOACH CORPORATION OF AMERICA

WARRANTY REGISTRATION

DATE OF PURCHASE SPORTSCOACH'S SERIAL NUMBER MODEL YEAR LENGTH

MOTORIZED: CHASSIS SERIAL NUMBER

CHASSIS MANUFACTURER

THIS PRODUCT WILL BE WARRANTED IN THE NAME OF:

OWNER

OWNER'S NAME (LAST, FIRST, MIDDLE)

REGULAR MAILING ADDRESS - STREET OR P.O. BOX

CITY STATE ZIP

COUNTY TELEPHONE (AREA CODE)

DEALER

SELLING DEALER DEALER NUMBER

REGULAR MAILING ADDRESS - STREET OR P.O. BOX

CITY STATE ZIP

TELEPHONE (AREA CODE)

TYPE OR PRINT ALL ENTRIES

At the time of retail delivery, the selling dealer representative will perform the following inspections with the new owner and complete this pre-delivery and acceptance declaration. This form must be received by Coachmen within 30 calendar days from the date of purchase to qualify for the warranty registration fee.

- ☐ EXTERIOR INSPECTION
- ☐ SHORELINE FUNCTION AND OPERATION
- ☐ GENERATOR FUNCTION AND OPERATION
- ☐ FRESH WATER SYSTEM: CITY AND GRAVITY WATER FILLS, WATER TANK, DRAINING
- ☐ WASTE WATER SYSTEM: HOLDING TANKS, DRAINING
- ☐ LP GAS CONTAINER(S) FILLED WATER HEATER OPERATION
- ☐ INTERIOR INSPECTION: FLOOR CARE, EMERGENCY EXITS, ROOF VENTS
- ☐ CONVERTER FUNCTION AND OPERATION
- ☐ RV BATTERY FUNCTION AND OPERATION
- ☐ RV BATTERY FULLY CHARGED
- ☐ GROUND FAULT INTERRUPTER
- ☐ CIRCUIT BREAKERS
- ☐ INTERIOR LIGHTS, SWITCHES, AND RECEPTACLES
- ☐ REFRIGERATOR OPERATION
- ☐ RANGE OR RANGE/OVEN OPERATION
- ☐ OPERATION OF OTHER APPLIANCES: ROOF AIR CONDITIONER(S), MICRO-WAVE OVEN, FOOD CONTROL CENTER
- ☐ MONITORING PANEL FUNCTION AND OPERATION
- ☐ FURNACE OPERATION
- ☐ WATER PUMP OPERATION
- ☐ BED SETUP AND STORAGE
- ☐ TABLE SETUP AND STORAGE
- ☐ CARE OF WINDOWS, CURTAINS, TABLES AND COUNTERTOPS
- ☐ LAVATORY OPERATION AND CARE

- ☐ MOTORIZED ROAD TEST: MAINTENANCE, LOADING, BACKING, OPERATION OF DASH COMPONENTS
- ☐ NON-MOTORIZED ROAD TEST: MAINTENANCE, LOADING/UNLOADING, PISTON CONDITION, LOADING, BRAKING, BRAKING SWITCH, BRAKE CONTROLLER

- ☐ EXPLANATION OF CONSOLIDATED WARRANTY
- ☐ EXPLANATION OF CHASSIS WARRANTY
- ☐ CHASSIS WARRANTY APPLIED FOR
- ☐ EXPLANATION OF OTHER WARRANTIES
- ☐ UNIT WAS CLEAN

DEALER

I certify that the unit described above was delivered to _____ (owner's name on this date, _____)

The tests and inspections listed on Sportscoach's Pre-Delivery Check List, which is on file at the dealership, were performed as described in the Pre-Delivery Manual. The LP gas system was tested and is free of leaks. I also certify that all applicable items listed here were explained and/or demonstrated to the owner's satisfaction. I certify that all warranties were clearly explained to the owner and that the owner was taken on a road test of the unit described above.

DEALER SIGNATURE

DATE

OWNER

I certify that the unit described above was delivered to me on this date, _____, and that the dealer (or an authorized representative) explained and/or demonstrated all applicable items listed here to my satisfaction. I certify that all warranties were clearly explained and that I was taken on a road test of this unit. I further certify that I have completely and fully inspected this unit and have found no defects in material and/or workmanship, and that I accept the unit with complete satisfaction.

OWNER SIGNATURE

DATE

Sportcoach

NEW RECREATIONAL VEHICLE LIMITED WARRANTY

WHAT WE WILL DO

Sportcoach Corporation of America will, for one year from the first retail purchase date, or after the date the product was first placed in service, whichever comes first, make repairs which are necessary because of defects in material or workmanship. We will repair or replace any defective part at no cost to you. Because of design changes and improvements, we may substitute parts or components of substantially equal quality. This warranty covers you, as the first retail purchaser of our new product and you may transfer this warranty during its one-year duration to subsequent owners if you have the product inspected by an authorized dealer and pay a fee for the inspection and related paperwork.

WHAT YOU MUST DO

For warranty service, take the product to your nearest authorized dealer.

WHAT IS NOT COVERED

Automotive chassis, tires, batteries and optional generators which are warranted separately by their manufacturers.

Damage caused by misuse, abuse, collision, alteration, fire, improper maintenance, neglect, or environmental damage.

Normal deterioration of cosmetic and decorative items due to wear and tear.

Any product which is used for commercial or rental purposes.

Any product which is not used for its customary purpose.

Maintenance service—it is your responsibility to maintain the product in accordance with the instructions provided in the owner's manual.

Any product which is not registered and normally used in the United States or Canada.

Any promises made by any person beyond those stated in this warranty.

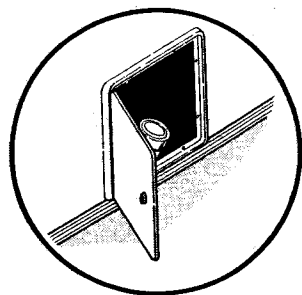
WE SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, such as your expenses for transportation, lodging, loss or damage to your personal property, loss of use of your product, inconvenience, or loss of income. Some states do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE ONE-YEAR TERM OF THIS WRITTEN WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation 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.

We want you to be satisfied with your new product. For further help or information, contact: SPORTSCOACH CORPORATION OF AMERICA SERVICE DEPARTMENT, P.O. BOX 1000, MIDDLEBURY, INDIANA 46540.

SPORTSCOACH MOTOR HOME



GASOLINE TANK FILL
FIGURE 12

AIR CONDITIONER

SPOT/FLOOD LIGHTS

DUAL ROOF HORNS

TV ANTENNA

ROOF RACK & LADDER

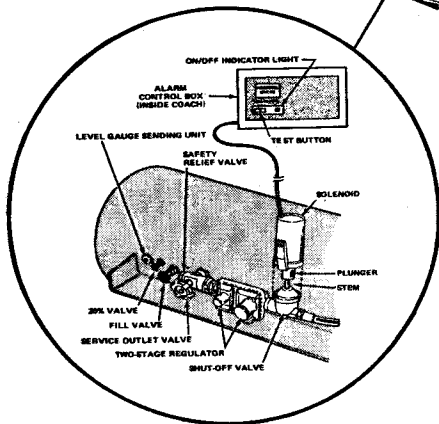
ROOF VENT

GASOLINE FILL

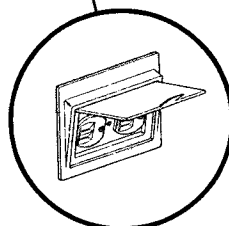
CLEARANCE LIGHTS

AUTOMOTIVE (ENGINE)
BATTERY

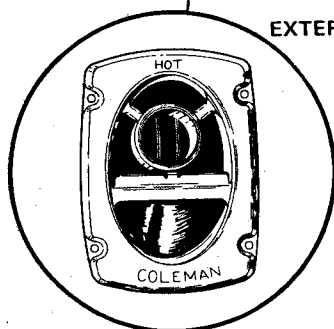
DUAL RV (COACH)
BATTERIES



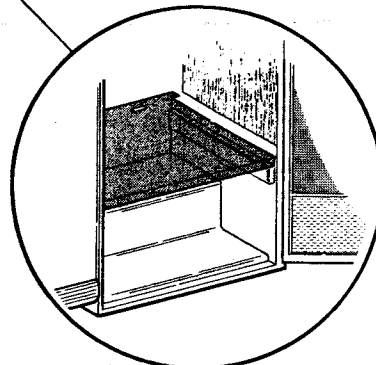
LP GAS TANK
FIGURE 13



EXTERIOR RECEPTACLES
FIGURE 3

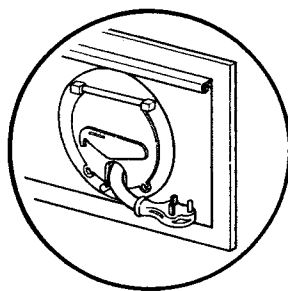


FURNACE INLET/EXHAUST
FIGURE 16

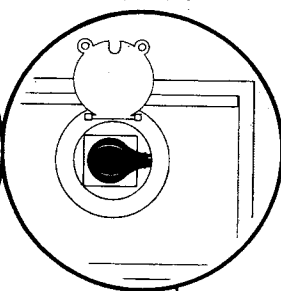


"DEEP-WELL"
ENTRY STEP
FIGURE 1

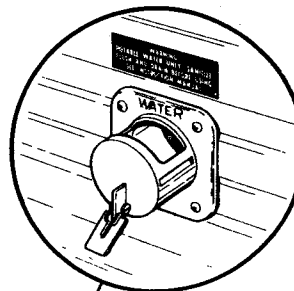
SHORELINE
FIGURE 4



GENERATOR COMPARTMENT
RECEPTACLE
FIGURE 5



GRAVITY WATER FILL
FIGURE 9

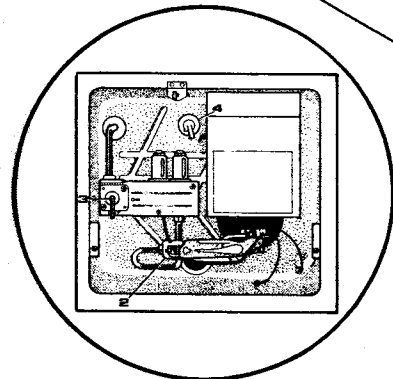


SEWER VENT

REFRIGERATOR VENT

CLEARANCE
LIGHTS

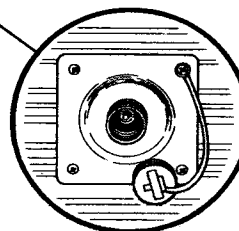
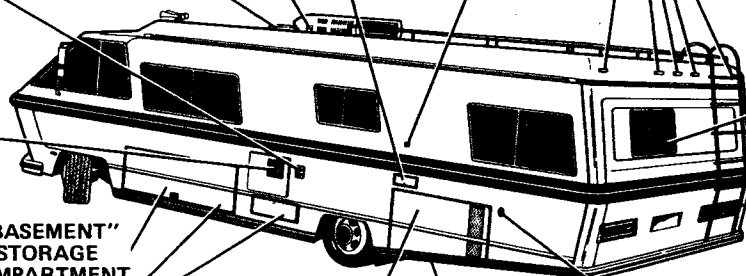
FURNACE INLET/EXHAUST
(SEE FIGURE 16)



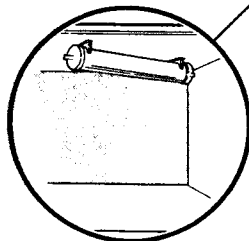
ELECTRONIC IGNITION
WATER HEATER
FIGURE 14

"BASEMENT"
STORAGE
COMPARTMENT

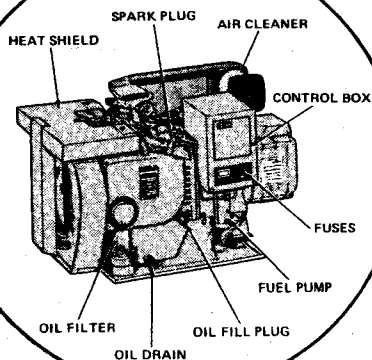
EMERGENCY
EXIT WINDOW



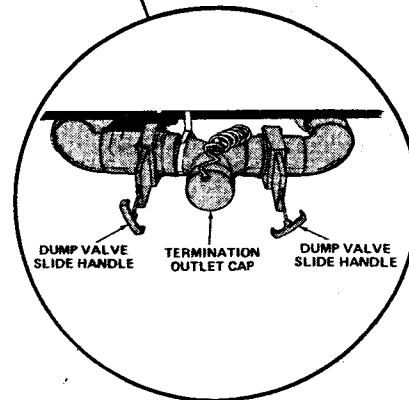
CITY WATER FILL
FIGURE 8



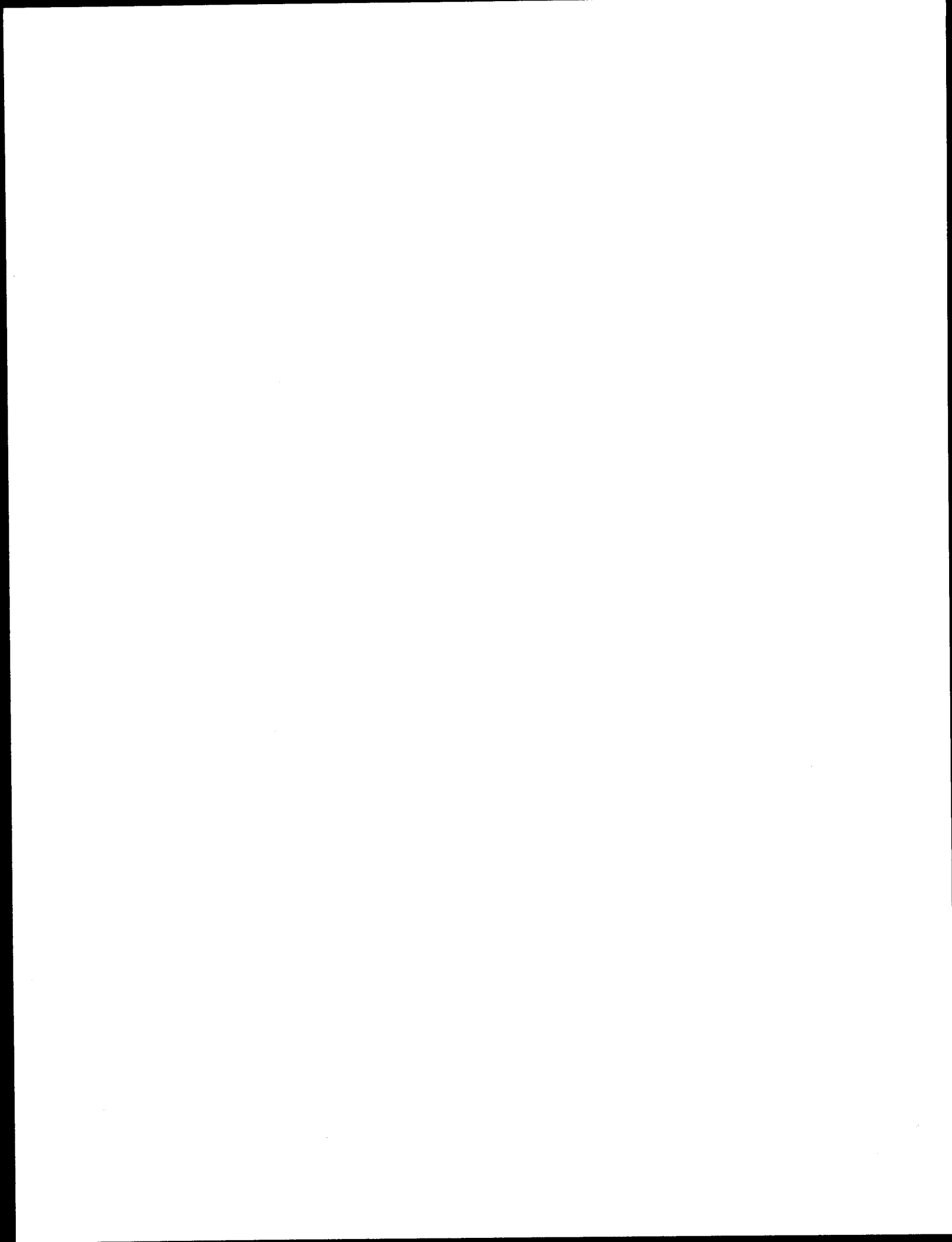
SEWAGE DRAIN HOSE
FIGURE 10



GENERATOR
FIGURE 7



TERMINATION OUTLET
FIGURE 11



SPORTSCOACH **SCA**
CORPORATION OF AMERICA

1100 North Woodlawn Avenue Elkhart, Indiana 46514 219-262-3471