

Revcon  Owner's Manual

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Operating Instructions

A. Your Vehicle's Keys



Your new **REVCAN MOTOR HOME** comes with three keys. The key with the **GM** trademark operates the ignition switch. The key with the square head and marked with a **"B"** locks and unlocks the entry door. The engine compartment, side compartment, spare tire, gasoline filler, fresh water filler and rear compartment are all operated by the gold key.

B. Anti-Theft Steering Column Lock

The anti-theft ignition lock on the right side of the steering column has five positions. Starting nearest the driver they are:

1. Accessory 2. Lock 3. Off 4. On and 5. Start
For theft protection, the system is designed to prevent normal operation of the steering and shift controls when the ignition switch is in the **"LOCK"** position. The transmission selector lever must be in **"PARK"** before the key can be turned to the **"LOCK"** position. The **"ACCESSORY"** position permits operation of electrical accessories when engine is not running. It can be engaged only by pushing in on the ignition key and turning the key toward you (counterclockwise). The **"OFF"** position is provided so that the ignition can be turned off without locking the steering column or transmission selector lever. The key can be withdrawn only when switch is in the **"LOCK"** position.

NOTE: Set your parking brake firmly when leaving the vehicle unattended. The Anti-Theft Steering Column Lock is not meant to be a substitute for the parking brake.

When Leaving Your **REVCAN** Unattended:

1. Set the parking brake.
2. Place transmission selector lever in **"P"** park.
3. Turn key to **"LOCK"** position.
4. Remove key.
5. Close all windows firmly and lock the door.
6. Turn water pump switch off (see p. 00 under Lavatory in Home Section).
7. Turn master battery switch to **"OFF."**

CAUTION: Always let go of the steering wheel before turning the ignition key to **"LOCK"** position. When parking on a hill with the wheels turned into the curb, be sure the vehicle has come to a complete stop before turning key to **"LOCK."** Turning the wheels left or right after the vehicle is stopped, "winds up" the steering system, which can result in a "spring back" of the steering wheel when the lock is released. As a further precaution, never reach through the steering wheel to operate the controls, or for any other reason.

C. Starting the Engine

CAUTION: When starting the engine with the car parked, always keep the foot brake applied.

NOTE: To prolong battery life, turn off radio, lights, air conditioning and all other accessories prior to starting the engine. Leave accessories off until the engine is running smoothly.

PROCEDURE

Place transmission selector lever in "P" or "N." (A safety switch prevents starting in any drive position.) If it ever becomes necessary to start the engine when the vehicle is moving, place the selector lever in "N"—never in "P"—as this could cause severe transmission damage.

COLD ENGINE

Fully depress accelerator pedal and slowly release. With foot off the accelerator pedal, turn the key to the "START" position. Release the ignition key when the engine starts. If the engine starts but fails to run, repeat the above procedure. When the engine is running smoothly, the idle speed may be reduced by slightly depressing the accelerator pedal and then slowly releasing.

WARM ENGINE

Depress the accelerator pedal about halfway and hold while starting engine.

EXTREMELY COLD WEATHER (Below 0° F.)

If the vehicle has been standing idle for several days or the weather is extremely cold, fully depress and release the accelerator pedal two or three times before starting the engine. With foot off the accelerator pedal, turn the key to the "START" position and release when engine starts.

IF ENGINE FAILS TO START

After first using the appropriate procedure above, fully depress and release the accelerator pedal several times. Then remove foot from the accelerator and turn the key to "START." If the engine still does not start, fully depress the accelerator pedal and hold it to the floor while holding the key on "START." If the engine has been flooded with gasoline it may start to run, but without enough power to keep running. In that case, continue cranking with accelerator fully depressed until the engine clears itself of excess gasoline and runs smoothly.

D. Emergency Starting

The engine cannot be started by pushing the vehicle. To start the engine when the batteries are discharged, one of three methods may be used.

1. If city power is within extension cord length, you can simply plug shore line into an available 110 volt inlet and the batteries will be charged automatically.
2. If no shore (outside) power is available, start the Power Pak Generator and allow to run for approximately one-half hour; the converter will then provide sufficient current to start the engine.
3. One of the batteries may be removed and taken to a garage or gas station for charging. When replaced, be sure to turn the "battery switch" to the position of the freshly charged battery.
4. If jumper cables are available, a car battery (12 volt) may be jumped for the required starting power.

CAUTION: When using this method, be absolutely certain that the "positive" terminal of one battery connects to the "positive" terminal of the other. Not all cars use negative ground systems, but the larger terminal will always be "positive" and the smaller "negative."

E. Transmission

The transmission in your **REVCON MOTOR HOME** is an Oldsmobile Turbo Hydra-Matic. The selector lever is located on the right side of the steering column.

"Park" provides a positive transmission lock when parking or while starting the engine. Pull the selector lever toward you to select or release this position. Never move the selector to **"Park"** unless the vehicle is completely stopped.

"Neutral" is the only other position in which the engine may be started.

"Reverse" (**"R"**) position is for backing the vehicle. Come to a complete stop before moving the selector lever into reverse.

"Neutral" (**"N"**) is the out-of-gear position. It is provided for starting a stalled engine while the vehicle is in motion or running the engine while standing with the brakes applied. Do not coast in neutral as it could cause serious transmission damage.

"Drive Range" (**"D"**) is the driving range for normal acceleration and cruising speeds for city and highway driving. This position permits the transmission to operate through its complete range of gear ratios and to select the proper ratio for all road conditions.

"Super Range" (**"S"**) position is used when super performance is needed for increased acceleration in traffic, hill climbing or "engine braking" downhill. The selector lever may be moved from **"D"** to **"S"** or from **"S"** to **"D"** under most operating conditions. **"S"** should not be used at speeds above 75 mph.

CAUTION: Be particularly careful when shifting into lower gear ratios on slippery surfaces with the vehicle moving. The abrupt braking action could cause the driving wheels to skid.

"Low" (**"L"**) position is available for heavy pulling through mud or sand and for braking when descending steep hills. The selector lever may be moved to **"L"** at or below approximately 40 mph. The transmission will not upshift from low range as long as the selector is in **"L"** position.

NOTE: Before descending a steep or long grade, reduce speed and shift into **"L"** using the brakes sparingly to prevent them from overheating.

ROCKING THE VEHICLE

If it becomes necessary to rock free from sand, mud or snow, move the selector lever from **"D"** to **"R"** in a repeat pattern while simultaneously applying moderate pressure to the accelerator. Do not race the engine. Avoid spinning the wheels when trying to free your vehicle.

NOTE: When driving in the mountains, never let your engine labor. Shift to a lower range before the engine begins to labor or overheat. (Try to anticipate any potential overheating conditions and do not use the air conditioning. Using the air conditioning on hot days while climbing a steep grade will increase the possibility of overheating the engine or transmission.) If you ever do overheat, pull off to the side of the road and determine and correct the cause.

FORCED DOWNSHIFT

When quick power or acceleration is desired for passing or to climb steep grades at speeds between 35 and 65 mph the transmission can be downshifted by depressing the accelerator pedal to the floor.

F. Break-in Period

Driving speeds for your **REVCON** should be limited to a maximum of 50 miles per hour for the first 100 miles and 65 miles per hour for the next 400 miles, with no heavy throttle accelerations.

During the break-in period be sure to vary your speeds frequently. Do not drive at a steady 50 mph, but rather drive for five minutes at 50 mph, five minutes at 55 mph, five minutes at 60 mph, then back to 50 mph and repeat these speed changes. The mild acceleration and deceleration helps the moving parts to seat properly, and ensures the longest life for your vehicle's drive train. Your **REVCON** should be driven at least 1,000 miles before attempting to pull a trailer.

G. Power Steering

Your **REVCON** uses a Saginaw Gear power steering system, which provides exceptional ease in handling and parking. The power assist is provided by a hydraulic pump driven by the engine. When the engine is not running, or if the power steering pump driving belt breaks, the vehicle can still be steered, although much greater steering effort will be required.

H. Braking System

The service braking system is designed to operate effectively under all load conditions and at all speeds. The system is so built that in the event of a hydraulic fluid leak in one half of the system, the other half still provides braking action.

Brake adjustment is automatic on your new **REVCON**. The self-adjusting rear brakes eliminate any periodic brake adjustments, and the disc brakes on the front wheels require no adjustment.

The rear drum-type brakes are automatically adjusted every time the brakes are applied while the vehicle is moving in reverse. It is possible, however, for excessive brake pedal travel to develop if the required reverse motion and brake application does not occur over a long period of time. If excessive brake pedal travel does develop, the vehicle should be driven backward and the brakes applied firmly. This procedure, repeated several times, should restore normal brake travel. If not, immediate inspection should be made by your Authorized Dealer.

CAUTION: "Riding the Brake," resting your foot on the brake pedal when not intending to brake, can cause excessive lining wear and damage to the brake system.

POWER BRAKES

Your **REVCON** is equipped with Oldsmobile vacuum power brakes to reduce braking effort. If the engine should stall, the vehicle can still be stopped, but greater force must be applied to the brake pedal.

CAUTION: Driving through deep water may affect brake performance. A light application of the brakes will indicate if they have been affected. To dry them quickly, lightly apply the brakes with your left foot while maintaining a constant pressure on the accelerator with your right foot. This is the only instance when "riding the brakes" is permissible. Maintain a cautious speed and be certain that the road is clear, both in front of and behind your vehicle, when making this maneuver.

I. Engine Fuel

The fuel filler tube is located within the lock compartment on the right side of the vehicle, next to the fresh water filler. The area within the fuel filler compartment is red.

CAUTION: Gasoline is flammable and explosive under certain conditions. **ALWAYS STOP THE ENGINE AND DO NOT SMOKE OR ALLOW OPEN FLAMES OR SPARKS NEAR THE VEHICLE WHEN REFUELING.** If gasoline fumes are noticed while driving, the cause should be determined and corrected without delay.

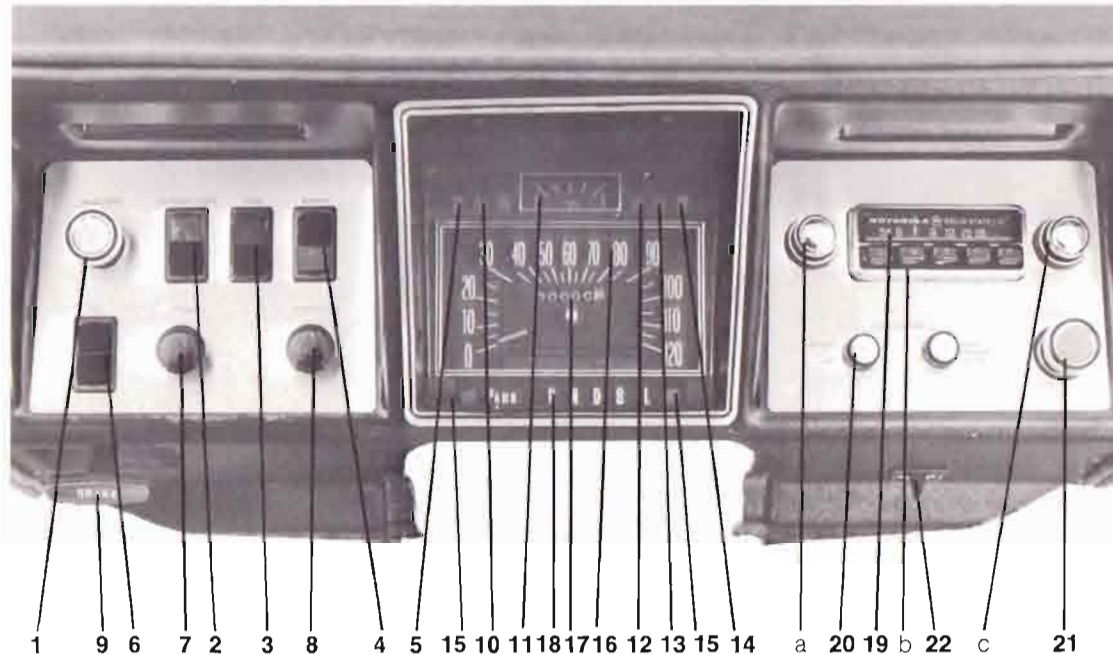
Your **REVCON** is designed to operate on regular gasolines. However, any gasoline with 91 Research Octane number or higher will satisfy your engine's octane requirements. Use of unleaded or low-lead gasoline will keep your engine running efficiently and play an important part in reducing exhaust emissions of hydrocarbons and particulates. If unleaded or low-lead gasolines are not available, you may use a leaded regular-grade gasoline. Since the anti-knock quality of all gasolines is not the same and factors such as altitude, terrain and air temperature affect operating efficiency, knocking may result even though you are using the recommended fuel. If persistent knocking is encountered, consult your Authorized Dealer. Continuous or excessive knocking may result in engine damage, and constitutes a misuse of the engine for which **REVCON** cannot be responsible under the terms of the New Vehicle Warranty.

NOTE:

Premium fuel is required in all 240 models.

In certain foreign countries, there is a possibility that even the best fuels are so low in anti-knock additives that excessive knocking and serious engine damage may result from their use. Consult an Authorized Dealer if you plan to travel outside the continental United States.

Driver's Compartment



- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Headlights and Instrument Panel Light Switch 2. Courtesy Lights 3. Windshield Wiper Control 4. Windshield Washer Control 5. Generator Warning Light 6. Heater Fan Control 7. Defrost Control 8. Temperature Control 9. Brake Release 10. Temperature Warning Light 11. Fuel Gauge 12. Oil Pressure Warning Light 13. Brake Warning Light | <ol style="list-style-type: none"> 14. High Beam Light 15. Left and Right Turn Indicator 16. Speedometer 17. Odometer 18. Transmission Gear Selector Dial 19. AM Radio <ol style="list-style-type: none"> a. On-Off, Volume, Tone Control b. Station Selector Buttons c. Manual Station Selector 20. FM/Tape to AM Radio Control Switch 21. Cigar-cigarette Lighter 22. Cruise Control Switch |
|---|--|

A. Instrument Panel

1. HEADLIGHTS AND INSTRUMENT PANEL LIGHT SWITCH

The headlight switch has three positions.

- (1) Pulling the switch knob to the first position provides parking, tail, clearance, side marker and instrument panel lights.
- (2) Pulling the switch all the way out turns on the headlights, parking lights, clearance lights, side markers, tail lights, and instrument panel lights.
- (3) To dim the instrument panel lights, rotate the switch knob clockwise.

2. COURTESY LIGHTS

These illuminate the driver's compartment; the switch is located on the left hand side of the instrument panel.

3. WINDSHIELD WIPER CONTROL

Push the two-speed windshield wiper control switch to the first position for low speed or the second position for high speed.

The windshield wipers work electrically and are not affected by engine operation.

4. WINDSHIELD WASHER CONTROL

To operate washers, momentarily depress the control button.

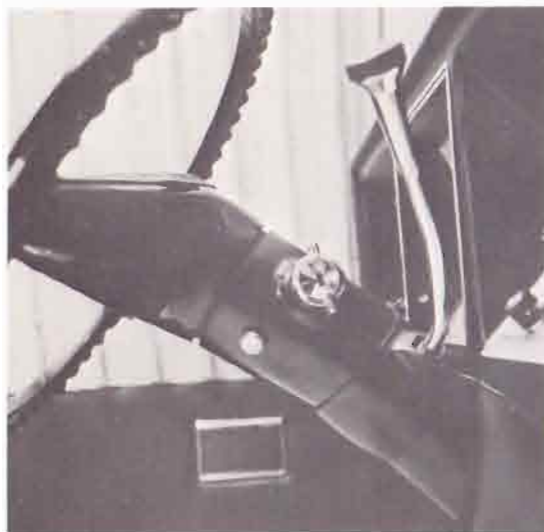
5. GENERATOR WARNING LIGHT

A red light "GEN" will appear with the ignition key in the "ON" position and the engine not running, to let you know that the light is functioning. Should the light fail to come on, or if the red light comes on when the ignition is "OFF," see your Authorized Dealer for repairs. When the engine is started, the red light should go out.

6. HEATER FAN CONTROL

Push fan control switch to first position for low speed, second position for high speed.

B. Steering Column



1. TILT WHEEL CONTROL LEVER

The tilt mechanism is operated by lifting up on the small control lever, moving the steering wheel to the desired position and releasing the lever.

2. TURN SIGNAL INDICATOR LEVER

For normal full turns, move the lever "UP" for a right turn and "DOWN" for a left turn. The lever will remain in position until the turn is completed, then automatically cancel.

3. TRANSMISSION GEAR SELECTOR LEVER

Move lever to desired position.

4. IGNITION SWITCH

The anti-theft ignition lock has five positions. Starting nearest the driver they are:
1. Accessory 2. Lock 3. Off 4. On and 5. Start

5. HAZARD WARNING FLASHER BUTTON

In the event your **REVCON** is disabled or you stop for any reason on the highway, the 4-way hazard warning flasher system on your **REVCON** should be used to warn other drivers that your vehicle is a traffic hazard. To activate, push the Hazard Warning System button in. When the system is operating, the turn signal indicators on the instrument panel will flash simultaneously. The Hazard Warning Flasher may be cancelled by pulling the button outward.

NOTE: The Hazard Warning Flasher will operate with the ignition in the locked position and the key removed, allowing the vehicle to be locked while help is sought.

C. Driver's Seat Adjustment

Adjust the seat by releasing the seat lock lever at the lower side of the seat. Once released, exert a slight body movement to slide the seat forward or rearward.

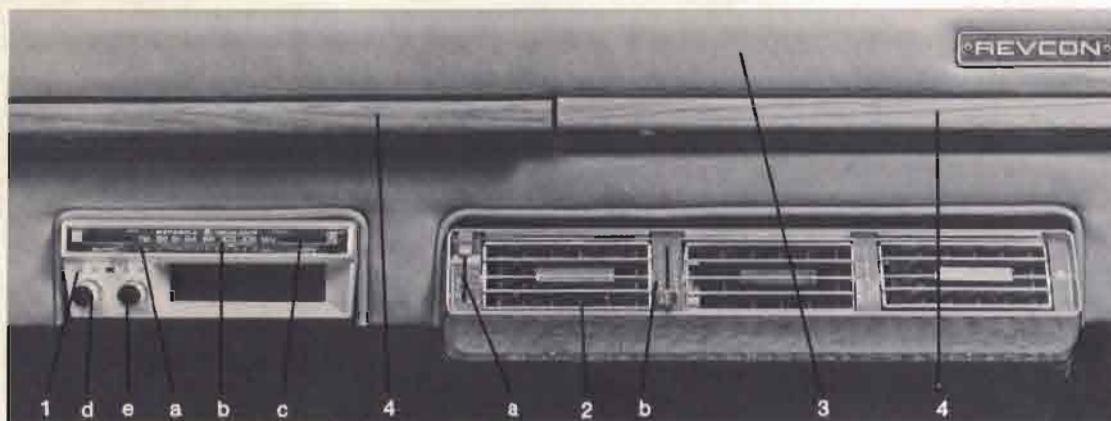
Release lever to lock in desired position.

Test seat to make certain it is securely locked.

To swivel the driver's seat 90 degrees: *slide the seat to forward position prior to rotating seat*; release swivel lock, located to the rear of seat lock lever; using body pressure, swivel seat until it is facing the passenger seat; lock in position.



D. Dashboard



1. FM/Stereo Tape Deck

- a. Speaker Balance
- b. FM Radio Station Dial
- c. FM/Tape Stereo-mono Control
- d. On-off, Volume, Tone Control
- e. Station Selector/Local Distance Control

1. FM/STEREO TAPE DECK

a. SPEAKER BALANCE

Move the knob left or right to obtain the desired balance between the left- and right-hand speakers.

b. FM RADIO STATION DIAL

c. FM/TAPE STEREO-MONO CONTROL

d. ON-OFF, VOLUME, TONE CONTROL

Turn inside knob clockwise to turn radio on and to increase the volume. The outside knob is tone control.

e. STATION SELECTOR/LOCAL DISTANCE CONTROL

Turn knob to desired station on FM dial. In strong signal areas keep the switch behind the station selector in the "Local" position; turn to "Distant" position for outlying stations.

NOTE: FM reception, to a great degree, is free from atmospheric static and man-made interference, such as neon lights, power lines, etc. Normal FM reception should be

2. Air Conditioning

- a. On-off, Air Control
 - b. Temperature Control
3. Map Box
 4. Pull-out Desk Tops

almost noise-free unless radio is tuned to a very weak or distant station. No adjustment of concealed antenna is necessary. It may be necessary, however, to retune FM stations slightly to maintain peak reception. Unlike AM reception, FM station coverage is only 20 to 30 miles. When the distance from the station exceeds this range, reception will start to flutter or static may become objectionable. This is a normal condition and may be covered by tuning a different station with the FM range.

2. AIR CONDITIONING

- a. ON-OFF, AIR CONTROL
- b. TEMPERATURE CONTROL

3. MAP BOX

4. PULL-OUT DESK TOPS

To use Pull-Out Desk Tops, lift up on edge of desk and pull toward you. The desk top will automatically stop when fully extended. To close, push back into position.

E. Windshield Thermal Blanket

This snaps into position, acting as a curtain at night and, in cold weather, preventing loss of heat through the windshield.

F. Reading Lights

There are two directional reading lights, one on each side of the driver's compartment. The switch knob for each light is located on the fixture. Turn on by rotating clockwise.

G. Headlamp Dimmer Button

To obtain high or low beam headlights, push the foot dimmer switch located on the floor below the parking brake. A blue light is visible to driver when driving on high beam.

H. Fuse Box

For fuse specifications, see **SPECIFICATIONS E.**



I. Passenger Seat Adjustment

To swivel passenger seat, *slide seat towards center prior to rotating it to avoid vehicle damage*; then pull black knob on left end of the passenger seat. At the same time, using the wooden handle, pull the seat toward you and it will slide away from the side of the coach. This gives the seat enough clearance to swivel.



Then pull the swivel handle mechanism located at the lower rear of the passenger seat, and swing it 90 degrees until it is facing the driver's seat.



When this is completed push the seat toward the front of the coach and it will slide forward and lock into proper position. Reverse process to return to forward facing position. **NOTE:** In most areas, the law requires that the seat face forward when vehicle is in operation.



Home Section

A. Stove

Your **REVCON** is equipped with a Magic Chef gas range and oven. The following information will help to keep them operating at their best.

1. TOP BURNERS

a. Lighting Instructions

It is recommended that the top burner pilot not be used, but that a Spark Lighter be employed to light each burner as needed. However, if you desire to use the pilot, turn the screw valve counterclockwise (See Fig. A-2) to "ON" position and light pilot.



Fig. A-1

b. Adjustment

The range is shipped from the factory ready for use on LP Gas. The flame (primary cone) will be approximately 1/2 inch long.

Air shutters on top burners are adjusted so that each cone of the flame is separate and distinct. Air shutters set too far open will cause flame to lift away from burner head and will be difficult to light. If air shutters are closed too much, the flame will look hazy and the distinct cones will be missing.

Top Pilot: If you use the top pilot (see top burner lighting instructions), adjust pilot so that the tip of the flame is just over the edge of the inner cone and the lighting of the top burners is within 4 seconds.



Fig. A-2

c. Cleaning Instructions

To assist in cleaning the area under the top burners, the main top has been hinged from the back so it can be raised and removed. Care should be taken during the cleaning operation that you do not touch the hot pilot shield. Also, when the cleaning operation is completed, be sure the flash tubes are all in place.

If top burner heads are cleaned with any cleaning compound, care should be taken to see that all ports are opened up with a toothpick to insure proper operation. It is especially important that the lighter ports on the side of the burner head are kept clear.

2. OVEN

a. Lighting Instructions

Turning the oven control knob to "**PILOT OFF**" position turns off gas to oven burner pilot. Caution: Turn pilot off when oven is not in use.

To light pilot: Depress oven control knob and turn to "**OFF**" position. Wait 30 seconds and light the oven burner pilot.

Caution: Check the gas setting. Oven thermostat has a slotted Pilot Adjustment Cartridge with Pin Stop. It must be set for correct gas. Cartridge is "**OFF**" when slot is in horizontal position. Turn clockwise to Stop for LP Gas, clockwise for Natural Gas. Caution: Use LP Gas only.

b. Adjustment

To adjust pilot: For adjustment of automatic pilot see Top Pilot instructions **1b**.

To adjust main burner: The main burner when adjusted to the proper rate will have a flame (primary cone) approximately $\frac{3}{8}$ inch long. The air shutter on the main burner is to be adjusted so that each cone of the flame is separate and distinct.

c. Cleaning Instructions

Spill overs or spotting in oven or broiler are more easily removed if done promptly after they occur. Never wash porcelain while warm. Never use cleaning powder containing grit or acid. It is recommended that you keep the oven pilot light off when not cooking.

Note: If oven bottom is removed for cleaning, be sure the oven bottom is locked in place when it is put back into the range. The front return flange on the oven bottom must hook under the front support and lock in place to prevent warpage.

Caution: If a commercial oven cleaner is used, protect the aluminum gas tubing, thermostat sensing bulb and electrical components from the cleaners (masking tape is good for this).

Thoroughly rinse oven with a solution of 1 tablespoon vinegar to 1 cup of water.

IMPORTANT: The thermostat on this range does not have a by-pass setting. It will cycle off and on at all temperature settings. No by-pass adjustment is necessary.

3. STOVE—POWER VENT SWITCH

(Fig. A-3)

This switch activates the *Power Vent* above the stove which removes smoke and odor from the kitchen area. Be sure the "**SLIDE DAMPER**" (to the right) (See Fig. A-5) is open before using Power Vent.

4. STOVE LIGHT

The switch for the stove light is on the front edge of the hood.

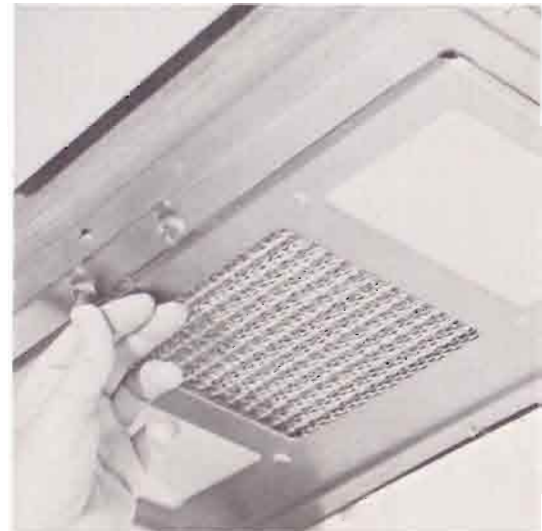
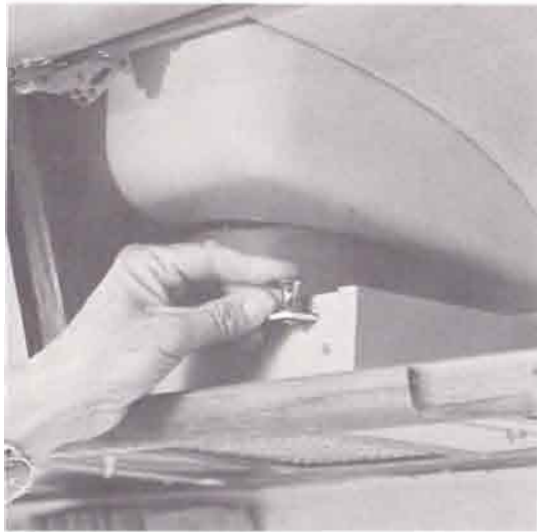


Fig. A-3



5. SLIDE DAMPER

The Slide Damper is located in the roof storage area directly above the stove. To open the damper, slide the damper handle to the right. Be sure the damper is open when stove is in use and closed when it is not.



6. STOVE FILTER

The stove hood filter is located directly above the stove. For the most efficient operation of Power Vent, remove the filter periodically (held in place by screws) and wash with warm water and a mild detergent.

For any further information on your Magic Chef, see The Magic Chef Owner's Manual

B. Refrigerator



The refrigerator in your new **REVCON** is a Dometic, and will operate on LP Gas or 110-V electrical power. You can switch from gas to electric or vice versa by means of a gas valve and an electrical switch on the back of the refrigerator. You gain access to them through a panel, outside and on the left side of your vehicle. They are positioned in such a way that they cannot both be turned to "ON" at the same time. They are located inside, about six inches down from the bottom of the panel opening. Be sure you turn one of them "OFF" before you attempt to turn the other "ON." The "ON" position for the electric switch is "UP." The "ON" position for the gas valve lever is parallel to gas stream.

NOTE: The model number of your range is stamped on the number plate. Always give this model number complete with serial numbers in any communication concerning your range.



1. REFRIGERATOR LEVELING

When your motor home is stationary, it should be level for proper operation of the refrigerator. If the refrigerator radiator is not level, the liquid readily accumulates, forming pockets which can impair the gas circulation or even block it, in which case the cooling will stop. To check this a bubble level is supplied with your refrigerator. The level should be placed on the freezer shelf. Bubble position is most easily checked with a small mirror.

When your **REVCON** is on the road, the movement will not affect the refrigerator, but when you are temporarily parked, this sensitivity should be remembered. So, once more, before you start the refrigerator, when parked, make sure it is level.

2. REFRIGERATOR GAS OPERATION

(See Fig. B-3)

- a. To start the refrigerator, turn off the electric switch and turn the gas valve lever to open "ON" position. The thermostat knob A at the refrigerator control panel should be turned to setting 4.
- b. Pull the button B of the automatic flame failure safety device, and after 15 seconds turn the flint lighter rod C counter-clockwise with a rapid movement. This will create a spark which lights the burner.

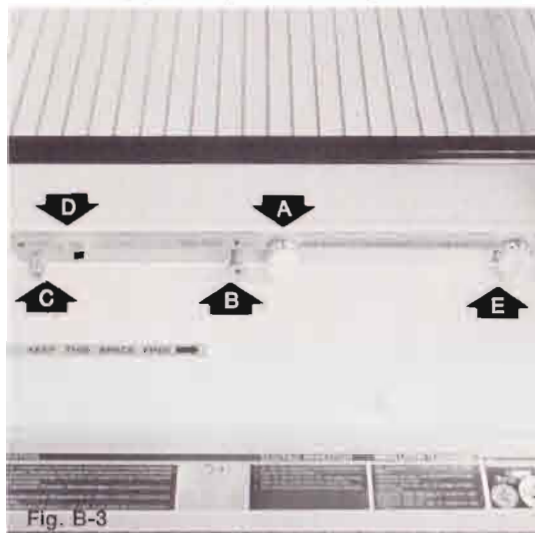


Fig. B-3

- c. After a long shut-off period, the gas lines might be filled with air, and then the lighting procedure has to be repeated until the gas has reached the burner. You can see through the reflector window D when the burner has been lit.
- d. After the burner is lit, keep the button pulled out for another 15 seconds. Then release the button and check through the reflector window that the burner stays lit. If not, repeat the lighting procedure.

3. REFRIGERATOR ELECTRICAL OPERATION (See Fig. B-3)

- a. Check that power cord is plugged into 110-V power receptacle in refrigerator compartment.
- b. Be sure gas valve lever is in "OFF" position. Turn electrical switch "ON" and put thermostat knob E on the refrigerator control panel to setting 4.

4. REFRIGERATOR DEFROSTING

When the frozen food storage compartment is covered with frost, the unit must be shut down temporarily until the frost is melted. Before the refrigerator is restarted, the compartment should be dried, the ice trays washed and refilled with fresh water. When frost on the finned radiator has melted, water will be collected in the drip tray. The drip tray should be emptied at regular intervals.

5. TO SHUT DOWN REFRIGERATOR

To shut down the cabinet temporarily, set the thermostat to zero and turn off the gas valve lever or electrical switch. If the unit is not in operation over a period of weeks, it should be emptied and cleaned and the door left ajar. The ice trays should also be dried and kept outside the cabinet.

6. REFRIGERATOR CLEANING

To clean the interior lining of the cabinet, use a lukewarm weak soda solution. The evaporator, ice trays and shelves must, however, be cleaned with warm water *only*. Never use strong chemicals or abrasives to clean these parts or the protective surface will be spoiled. It is important to keep the cabinet clean.

For further information on your Dometic refrigerator, see their Owners Manual and Warranty Policy, or write:

East of the Rockies --
 Dometic Sales Corporation
 2900 West Mishawaka Road
 P. O. Box 490
 Elkhart, Indiana 46514
 West of the Rockies --
 Ward & Son, Inc.
 15343 East Proctor Avenue
 P. O. Box 3505
 City of Industry, California 91744

C. Kitchen Sink Area

1. DOUBLE SINK & SPRAY

The stainless steel double sink is equipped with a hand spray to conserve water and increase efficiency in washing dishes. To operate spray: Turn on water tap, depress handle on spray and hold while using. Water will come through spray as long as the lever is depressed. To turn off spray, release lever.



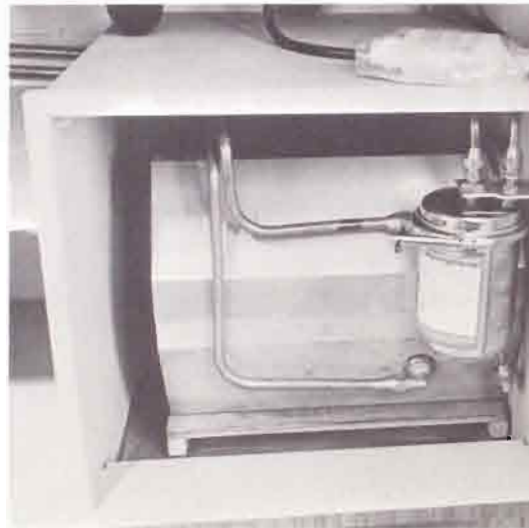
2. HOT WATER TANK & WATER PURIFIER

The hot water tank is located directly below the sink. The hot water is automatically replenished from the fresh water tanks as it is used.

The water purifier is located directly below the sink, in front of the hot water tank. The Everpure Water Purification System provides you with the equipment and instructions to allow you to make your water as safe as city water.

You receive your Everpure Purifier without its cartridge installed, to assure you that the cartridge is fresh. Install and activate it, following the instructions on the cartridge wrapper. A new cartridge is needed only when collected dirt blocks the ultrafine filter pores so much that flow from the faucet is too slow for your convenience. Normally, the cartridge will last about 1000 gallons—or a full season.

For additional information on chlorination and testing of water, see your Everpure Owners Manual and Warranty.



3. WATER HEATER LIGHTING INSTRUCTIONS

Water heater is located outside, directly under galley window.

- (1) Turn gas cock dial to **"OFF"** position.
- (2) Be sure LP Gas tank handle is **"ON."**
- (3) Wait sufficient length of time to allow gas which may have accumulated in burner compartment to escape (at least five minutes).
- (4) Turn gas cock dial to **"PILOT"** position.
- (5) Depress and hold reset button (See Fig. C-3) while lighting pilot burner. Allow pilot to burn approximately one-half minute before releasing reset button. If pilot does not remain lighted, repeat the operation, allowing longer period before releasing the reset button.
- (6) Turn gas cock dial to **"ON"** position and turn temperature gauge to desired temperature.

For additional information on your Bowen Gas Water Heater, see their Owners Manual or write:

Atwood Vacuum Machine Co.
1400 Eddy Avenue
Rockford, Illinois 61105

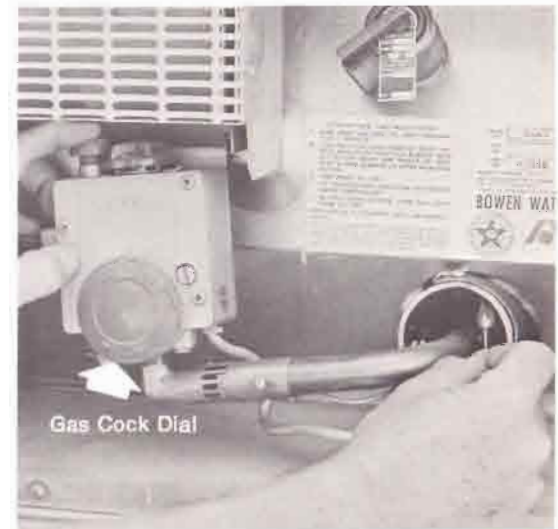


Fig. C-3

4. SOAP DISH & WASTE DISPOSAL

For your convenience in disposing of trash, place a plastic or rubbish container in the cupboard directly beneath the soap dish. To dispose of trash, remove soap dish and place rubbish through the hole into the container. Replace soap dish.



5. ELECTRICAL OUTLETS

- a. Built-in TV antenna receptacles in bedroom and galley should be sufficient for normal use within 20 miles of station.
- b. Water Pump Switch
This switch activates the water pump which supplies water pressure for bath and kitchen facilities.
- c. 12-V DC Outlets
These are found in bathroom and galley. Any 12-V appliances can be plugged into these outlets (not to exceed 12 Amps).
- d. 110-V AC Outlets
These are found in the galley (two), one above the dinette, one in the bedroom, and one in the bathroom. Any normal home appliance may be used with these outlets. The power is supplied by Power Pak Generator or shore power.



CAUTION: Do **NOT** use the 110-V outlet for any appliance when using "Off-the-Road" Air Conditioner on Power Pak Generator.

D. Dinette and Bunk Combination

The comfortable dinette area can be easily converted into a bunk, using the seat and back cushion for a mattress. For your convenience, there are two directional lights in the area with an "ON-OFF" switch on each fixture.

To Convert Dinette Into Bunk

1. Lift table top from table leg (See Fig. D-1).
2. Lift up and remove table leg (See Fig. D-2).
3. Lift up and remove front edge seat moulding and side edge seat moulding (See Fig. D-3, 4). While bunk is in use, store seat edge mouldings and table leg between passenger seat and side wall.
4. Lift dinette pedestal lid into vertical position (See Fig. D-5) and lock in place with slide bolt.
5. Place table top on bunk brace plate and fit into niche made by removal of two edge mouldings (See Fig. D-6).
6. Place the back cushion on the table top with the holding straps down. Fasten the holding straps to snaps under the seat cushion (See Fig. D-7). This will prevent the cushion from sliding. Fill in the space between the back cushion and seat cushion with the long thin cushion stored under the double bed-couch shelf (See Fig. D-8).
7. Remove the end cushion and drop down lower folding shelf by releasing slide bolts on each end to give full length to bed.
8. Reverse the process to put back into dinette.



Fig. D-1



Fig. D-5



Fig. D-2



Fig. D-3



Fig. D-4



Fig. D-6



Fig. D-7



Fig. D-8

E. Double Bed-Couch

To Make Couch Into Double Bed

1. Pull ring under the cushion at the front edge of the couch (See Fig. E-1).
2. Slide the bed frame toward you into position (See Fig. E-2). Replace bolt to hold the frame in position.
3. Remove the back cushion and place it on the frame (See Fig. E-3).
4. Remove any bedding or cushions from under the shelf (See Fig. E-4). Release slide bolts under each edge of the shelf, and it will drop flush against the side of the couch.
5. Make the bed.
6. Reverse the process to put back into couch arrangement.



Fig. E-1



Fig. E-2



Fig. E-3



Fig. E-4

F. Upper Bunk (Optional)

To place upper bunk into position, hold your hand under the center of the bunk and release the slide bolts at each end (See Fig. F-1). Still holding your hand under the bunk, allow it to drop into position. Lock the slide bolts, and your bunk is ready for use (See Fig. F-2).



Fig. F-1



Fig. F-2

G. Vanity

The vanity area has two directional lights in the upper corners. Their switch knobs are on each individual light.

To open the vanity drawers, lift up on handle and pull (See Fig. G-1).



Fig. G-1

1. SINGLE BED (Optional)

When the single bed is installed, it eliminates the vanity, four drawers and one wardrobe closet. The single bed has a pull-out frame which utilizes the bolster from the double bed to make a full twin bed arrangement (See Fig. G-2, 3).



Fig. G-2



Fig. G-3

H. Furnace

Your Suburban Dyna-Trail furnace is located directly below the refrigerator. You gain access to it through a cupboard door.



Fig. H-1



Fig. H-2

1. FURNACE LIGHTING INSTRUCTIONS

- Set thermostat (See Fig. H-1) at lowest point on scale.
- Turn hand valve (See Fig. H-2) to "OFF" and wait five minutes.
- Turn hand valve to "ON" position.
- Depress reset button and hold. Pump ignition button to light pilot (See Fig. H-3).
- To light with a match, remove the screw cap and light pilot (See Fig. H-4). Replace cap.
- After pilot is lighted, keep reset button depressed for 30 seconds.
- Release reset button, and pilot should remain lighted. Relatch access door.
- Set thermostat at desired temperature.
- Adjust shutters on the outlets located in the bathroom, bedroom and galley to desired temperature.



Fig. H-3

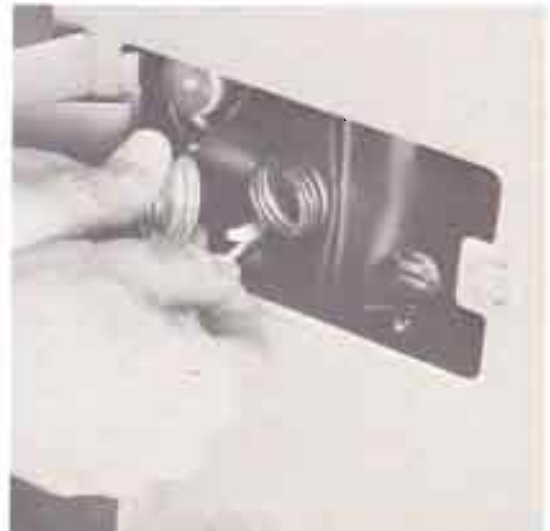


Fig. H-4

2. FURNACE BURNER ADJUSTMENT

After the pilot is lit, the furnace is ready for adjustment and observation of the main burner and pilot flame.

To adjust primary air to the main burner, it is necessary to gain access the same way as with lighting the pilot. Below the ignition button is a slotted screw head.

With a screwdriver, turn the screw head counterclockwise for less primary air and clockwise for more primary air. A symptom of too much primary air will be a howling or screeching noise when the burner is on (reduce air to correct). A symptom of too little primary air will be a sooting on the exterior vent and a distinct yellow and floating flame (increase air to correct). A slight trace of orange should remain at the tip of the burner flame—this is a sign of correct adjustment.



For further operating and service instructions, see your Suburban Owners Manual.

I. Furnace Thermostat

(See Fig. H-1).

To set thermostat, move the thermostat indicator to the desired temperature. When not using furnace, move indicator to "OFF" position.

J. Light and Power Switches

1. OVERHEAD LIGHTS

This is the main switch which operates the two overhead light fixtures in the center of the coach. In addition, each overhead light fixture has two bulbs and its own switch. With this switch you can turn both bulbs "OFF" or turn one or both bulbs "ON." The main switch must be in the "ON" position before either of the overhead light fixtures will operate.

2. ENTRY LIGHT (PORCH LIGHT)

This switch lights the entry light on the outside of the coach.

3. STEP LIGHT

The step light is located on the inside entry step to the coach.



K. Bathroom

1. TOILET

Your Aqua Magic Sanitation System allows you to be away from public utilities with comfortable equipment which provides a clean, effective toilet system; a means of retaining waste and an efficient way of disposing of waste.

A three-inch flexible hose stored in the LP Gas tank compartment is the means used for evacuation to a sanitary station. Sanitary stations are common throughout the country and are found in gasoline stations, trailer parks, and turnpike rest stops. Do not put facial tissue (like Kleenex), permanent anti-freeze, coffee grounds, laundry bleach, or heavy detergents in your holding tank or toilet system, as they may damage the plastic or rubber parts in your system.

Aqua Kem chemical is recommended for holding tanks for the best control of odors and cleanliness.

Do not use conventional bowl cleaners, as they will damage and scratch plastic surfaces. Theford Aqua Bowl is recommended for best care and cleaning of toilet bowl.

Do use your sanitation system on the road. Tests show that the water used for flushing the toilet is insignificant when compared to the water used for general washing, cleaning and drinking.

Keep your holding tank valve closed when parked and connected to a sewer system. Enough fluids are put into the holding tank to wash away all waste when valve is opened.

a. Instructions for Flushing Toilet

Hold pedal down until water swirls.
Release pedal (See Fig. K-1).

b. Toilet Winterizing

Even though the waste mixture in your tank will not freeze as readily as water, it is not safe below 25°F. Theford has developed a non-toxic anti-freeze called Aqua Thaw for low temperature use in holding tanks and water systems. Unlike alcohol or permanent anti-freeze, which may be injurious to plastic or rubber seals, Aqua Thaw is totally safe.

Aqua Thaw can be used in the water tanks and the entire fresh water system to prevent freezing from rupturing pipes and fittings. Complete instructions for use are found on the Aqua Thaw Containers.



Fig. K-1

2. LAVATORY

Your **REVCON** is equipped with a stainless steel lavatory sink and hot and cold water tap. If your coach is equipped with the optional "Water Saver," press the "Water Saver" button before using the hot water. This will clear the line of cold water, returning it to the water tank, and fill the line with hot water with no waste, thereby conserving water and not filling the waste water tank needlessly. Be sure the water pump switch is "ON."

The switch for the swivel mirror lights above the lavatory sink is beneath the right-hand fixture.



The Peters & Russell water pump is a demand system. It is located behind the panel in front of the shower enclosure. It is activated by having the pump electrical system in the "ON" position. These switches are located in galley and bathroom areas, both have indicator lights showing when system is on. You should periodically check the rubber belt to see that it is tight and in good condition.

To open glass and soap holder, push on edge of the front plate and it will turn about into position.



3. SHOWER-TUB

The exclusive moulded shower-tub combination is designed for your comfort and convenience and to conserve the use of water.

Before using hot water, activate the "Water Saver". To use shower and conserve water, the hot and cold water handles on the bottom of the shower unit may be used to get desired mixture of hot and cold water. Then the On-Off valve on the shower head may be used intermittently. You can remove the shower head from holder by lifting up and removing it from the holding pin.



To use the shower curtain, unisnap from its folded position, pull across shower opening, and fasten into the snap on the wall by the shower unit.



L. Air Conditioning (Off-The-Road)

Your air conditioner is located in the roof of the vehicle, about in the center of the coach (See Fig. L-1). The air conditioner operates on 110-V electrical power, which can be supplied by either an outside power source, shore power, or the Power Pak Generator. All switches and instructions for operation are located on the unit.

CAUTION: Do **NOT** use the 110-V appliances when running the Off-the-Road Air Conditioner on the Power Pak Generator.

For further information, see the manufacturer's supplied Air Conditioner Operation Manual, or write to the manufacturer direct.



M. Power Pak Generator

Your Power Pak Generator is a gasoline engine-driven electric plant, which will provide electrical power to operate any appliance which does not exceed the electrical output of the unit. Under normal conditions, the Power Pak will adequately power almost all types of electrical hand tools, lights, kitchen appliances, electric heaters, hi-fi, radio and television equipment, the Off-the-Road Air Conditioner, and nearly any 120-volt appliance found in the home.

NOTE: Rust inhibitor oil has been placed in the Power Pak engine combustion chamber at the factory and may foul spark plug. If plug should foul, remove it and clean thoroughly. Then dry and replace in engine.

1. GENERATOR GASOLINE FUEL

"Regular" grade gasoline is recommended for longer spark plug life and less lead deposit in the carburetor and combustion chamber.



Fig. M-3

2. GENERATOR OIL

Check oil level before starting engine. Add oil to full mark if required. Oil quantity between low and full marks is approximately $\frac{1}{3}$ pint. **DO NOT OVERFILL** (See Fig. M-3).

3. GENERATOR STARTING

- Open generator compartment door and inspect shut-off valve at top of fuel sediment bowl to make certain it is in the "Open" (clockwise) position (See Fig. M-3).
- Make certain that the circuit breaker on the left-hand side is pushed to the up ("ON") position.
- Push ignition switch (See Fig. M-3) to turn on ignition.
- Push ignition switch to second position to "START." This will crank the engine.
- Release switch when plant starts.

CAUTION: Do not store anything in the generator compartment, as this may impede the necessary flow of cooling air.

4. GENERATOR STOPPING

- a. Turn ignition switch (See Fig. M-4) to "OFF" position. However, when switch is left in the "ON" position, this will not start the generator. It is impossible to exhaust the fuel supply in the main tank by using the generator; even when the generator stops for lack of fuel, there is approximately 10 gallons of gasoline remaining in the main tank, enough to get you to a station for a fill-up.

5. GENERATOR CIRCUIT BREAKERS

The circuit breakers for the generator are located on the left side of the compartment (See Fig. M-4).

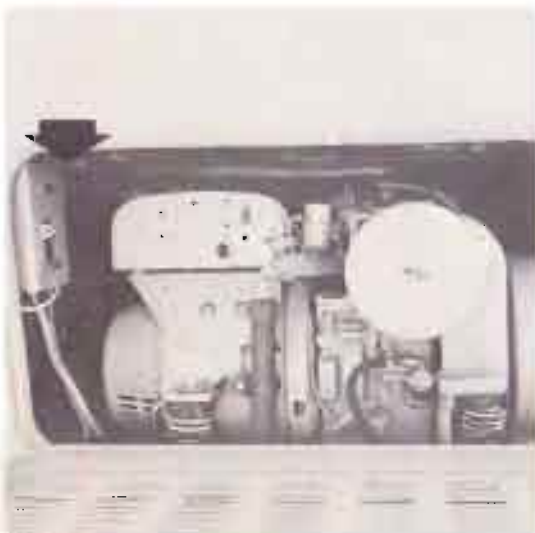


Fig. M-4

N. LP Gas Tank (Butane or Propane)

The LP Gas tank has a 15-gallon capacity. LP Gas means liquid petroleum gas — butane and propane. Propane should definitely be used when making cold-weather trips. The filler cap connection is used to replenish the gas supply. It will fit any normal LP Gas station connection (See Fig. N-1). The gauge indicates the amount of LPG in the tank. This gives you a measurement of the supply of gas left in your tank in percentage. The "ON-OFF" valve regulates the supply of gas to all of the LPG appliances such as refrigerator, furnace and stove. Be sure the valve is in full "ON" position when using these appliances.



Fig. N-1

O. Fresh Water Filler and Gasoline Filler

The fresh water filler and the gasoline filler are both located outside and on the right side of the coach. They are both in a locked compartment. The fresh water filler is white and the gasoline filler is red. Be sure to replace filler caps before locking compartment.



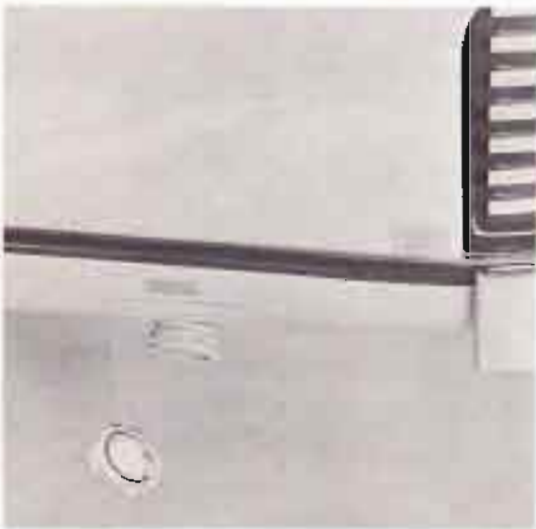
Fresh water filler is white.



Gasoline filler is red.

P. Dump Outlet

To use dump outlet, remove the cap from the dump outlet and attach the 3-inch flexible hose. The hose is stored in the LP Gas compartment. The flexible hose twists on to the dump outlet in the same manner as the cap. Connect the other end of the hose to a sewage or evacuation system. When sewage and waste evacuation is complete, remove and store the flexible hose in the LP Gas tank compartment and replace the cap. It is recommended that the sewage be dumped first and the waste second. In this way, the hose is washed free of sewage and helps prevent any lingering odor.



Q. Slide Out Bumper

The rear bumper is designed to carry a bicycle or motorcycle. To arrange the bumper into carrying position, pull the two ring pins on the frame at each bumper bracket (See Fig. Q-1). Slide the bumper toward you. Two locking holes will come into position (See Fig. Q-2). Replace the ring pins into these holes to hold bumper in place while traveling (See Fig. Q-3).

Reverse the process to put the bumper back into its normal position.



Fig. Q-2



Fig. Q-1



Fig. Q-3

Drive Train and Electrical Maintenance

It is recommended that Maintenance of your **REVCAN MOTOR HOME** be done at a Factory Authorized Revcon Dealer. Revcon Dealers are trained specialists in service and maintenance of your **REVCAN MOTOR HOME**.

Quick access to the powerplant may be obtained from inside the driver's compartment. Swivel the passenger seat to the side and push to its right-hand setting. Pull the chrome ring in the carpet next to the driver's seat and a hinged access cover lifts to reveal a portion of the engine for checking transmission fluid. By sliding this raised cover towards the driver's seat you can then lift the complete hatchway out of the front compartment, fully exposing the engine and making maintenance or repairs an easy indoors job.



A. Engine Air Cleaner

The air cleaner is a disposable type element. Replace the element every 24 months or 24,000 miles, whichever comes first. Do not wash, oil or clean with an air hose. The air cleaner will require more frequent replacement under dusty conditions. For maximum protection, specify air filter element part No. AC Type A-212 CW.

CAUTION: The air cleaner also acts as a flame arrester should the engine backfire. To prevent backfiring from causing a fire in the engine compartment, the air cleaner should be installed at all times except when it is removed for repair or maintenance.



B. Air Conditioner

A thorough inspection of the air conditioning unit should be made at the beginning of the cooling season by a competent serviceman. The following maintenance is required.

1. The refrigerant should be checked and replenished as necessary. Over a period of one year the system may lose up to a pound of refrigerant through normal operation.
2. Check and adjust the compressor belt tension.
3. Remove road accumulation from the condenser every 2,000 miles, or more often if necessary.

C. Brakes

Brake lining wear will vary depending upon driving habits of the individual driver. Brake linings, as well as other internal brake components — drums, discs, wheel cylinders, etc. — should be checked by a competent mechanic at least once every 12,000 miles. Parking brake with adjustment should be checked whenever brake linings are checked, and rear wheel bearings should be lubricated whenever brake drums are removed. You should periodically check brake efficiency by parking on a steep hill, using only the parking brake to hold the vehicle. Then, check the **"PARK"** mechanism of the automatic transmission by releasing all brakes and leaving the transmission selector lever in **"PARK"** position. If either mechanism does not hold, have adjustments or repairs made by a competent mechanic.

The brake fluid in the master cylinder should be checked at every oil change. Any significant loss generally means that a malfunction is developing in the system. A low fluid level in the larger brake reservoir may indicate the disc brakes need new lining. If loss is noted, the cause should be determined and corrective action taken immediately.

BRAKE LINES AND HOSES

Brake lines and brake hoses should be periodically checked for proper attachment, leaks, cracks, chafing, deterioration, etc. Check brake lines and hoses during lubrication services. Any questionable parts noted should be replaced immediately by a qualified mechanic.



D. Carburetor

To meet Federal Exhaust Emission Requirements, and to obtain maximum engine performance and fuel economy, carburetor idle speeds should be checked at least once a year. If the engine stalls, idles too fast, or idles roughly, it should be adjusted. The carburetor fuel inlet filter should be replaced every 12 months, or more often if necessary. For replacement of the carburetor fuel filter, specify AC Type GF 441.

NOTE: Some engines will increase in idle speed during the break-in period. If this occurs, an idle speed and mixture adjustment should be made by your Authorized Dealer.

E. Distributor and Spark Plugs

To meet Federal Exhaust Emission Requirements and to obtain maximum engine performance, a tune-up operation should be performed at the service interval recommended in the Maintenance Schedule of this manual. Do not exceed 12 months or 12,000 miles, whichever comes first. This includes adjusting or replacing the distributor points, setting the timing, cleaning and gapping or replacing the spark plugs and adjusting the carburetor idle speed. To meet exhaust emission requirements, the PCV Valve — which returns blow-by gases to the combustion chamber where they are burned — must be clean. For maximum performance and economy, General Motors AC, or Delco replacement parts should be used.

F. Engine Cooling System

The inhibited year-round engine coolant, used to fill the cooling system at the factory, is a high quality solution that meets General Motors Specifications 1899M. This factory coolant is formulated to withstand two years of normal operation without draining or adding inhibitors, provided the same concentration of coolant is added if the system needs additional fluid between drain periods. The original factory-fill coolant provides freezing protection to -20 degrees F. and improved summer cooling. Keep recovery reservoir filled to the full marker with a recommended coolant (e.g., those marketed by Prestone and Delco). Each year the cooling system should be serviced as follows:

1. Wash the radiator cap thoroughly with clean water.
2. Check coolant level at see-through reservoir.
3. Check freeze protection.
4. Pressure-test system. The system must hold 17 psi.
5. Inspect all hoses and clamps.

Every two years, the coolant should be replaced and the system cleaned as follows:

1. Turn on vehicle's heater. This will assure complete drainage of the cooling system.
2. Drain coolant, when hot, through the radiator drain valve, located at the lower left corner of the radiator.
3. Close valve and add sufficient plain water to fill system.
4. Run the engine until normal operating temperature is reached (approximately 20 minutes).
5. Drain and repeat this process until the drained liquid is colorless.
6. Allow system to drain completely, and then close radiator drain valve tightly.
7. Add the necessary amount of high-quality inhibited glycol-base coolant (meeting GM Specifications 1899M) to provide the required freezing, boiling and corrosion protection.
8. Run the engine until normal operating temperature is reached.
9. Check and adjust level of coolant after system has cooled. Observe proper coolant level at see-through reservoir.

NOTE: Alcohol-base, methanol-base coolants or plain water are not recommended for your cooling system at any time.

It is the owner's responsibility to keep the freeze protection at a level commensurate with the temperatures which may occur in the areas where the vehicle will be operating. Even though freezing temperatures may not be expected, cooling system protection should be maintained at a level corresponding to -20 degrees F. to provide adequate corrosion and overheating protection. Whenever coolant additions are required, a sufficient amount of ethylene glycol-base coolant meeting GM Specifications 1899M should be used.

CAUTION: When the engine is at normal operating temperature or above, the internal pressure in the cooling system will blow out scalding liquids and vapors if the radiator cap is removed. For this reason and because your **REVCON** cooling system is completely sealed, the radiator cap should **NEVER** be removed.

G. Crankcase Ventilation Filter

At each change of the oil filter, the crankcase ventilation filter should be washed in kerosene or solvent to remove all foreign material, and then dipped in 10-W-30 engine oil. Allow excess oil to drain off before reinstallation.

H. Positive Crankcase Ventilation (PCV) System

The operation of the PCV valve should be checked at first oil change. Hoses and fittings should be checked. The PCV requires cleaning or replacement at least every 12 months or 12,000 miles, whichever comes first. For replacement, specify AC Type CV 679 C.

NOTE: If the Positive Crankcase Ventilation valve should become clogged, the engine idle will become slow or rough. The ventilator valve should be checked before any tune-up operations or carburetor adjustments are made.

I. Cooling System Thermostat

The cooling system is protected and controlled by a thermostat installed in the engine coolant outlet to maintain satisfactory operating temperature of the engine. This thermostat is designed for continuous use and need not be changed seasonally.

J. Exhaust System

At each lubrication or oil change, the complete exhaust system should be inspected for broken, damaged or mispositioned parts, deterioration, open seams or loose connections, any of which could permit exhaust fumes to seep into the passenger compartment. These leaks may be detected by a change in the sound of the exhaust system or the smell of exhaust fumes inside the vehicle. Any signs of leaks or other exhaust system deterioration should be discussed with your serviceman and necessary corrections made immediately.

wheels Torque 450 ft lbs.

K. Power Steering

The power steering assist is provided by an hydraulic pump driven by the engine through the power steering pump belt. A loud squealing noise when making a full right or left turn is usually an indication of improper belt tension. The pump belt, and all other engine drive belts, should be checked periodically, and adjusted or replaced as needed.

Power steering lines and hoses should be checked for leaks, deterioration or chafing at every oil change. The power steering pump fluid level should also be checked at the same time. If fluid is required, specify GM-1050017 or General Motors Dexron Automatic Transmission Fluid.

L. Wheels and Tires

Wheel alignment and balancing contribute greatly to longer tire life and better vehicle handling. The need for wheel alignment will generally be indicated by abnormal tire wear, and in some cases, by a noticeable pull to the right or left when driving on a straight level road. The need for wheel balancing may be indicated by a chattering or shimmying condition at the steering wheel or by a front end bounce or noise. If any of these conditions occur, take your vehicle to your Dealer and have the necessary corrections made immediately.

The tires on your **REVCON** are 10x16.5 Super Single 8-ply front. They are 12x16.5 Super Single 10-ply rear.

The pressure should be maintained at 60 lbs. for both front and rear tires.

This is the recommended tire inflation at gross vehicle weight.

Be sure your spare tire is always ready for use.

Lug Nut Tightening Pressure.

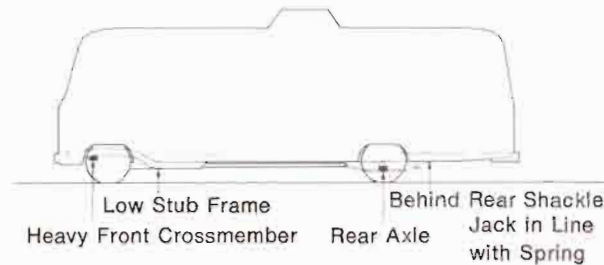
If it should become necessary for you to change a tire, follow these simple instructions: Wheel lug nuts should be torqued at 450 ft. lbs. and retorqued periodically. This should be done also during the first 1000 miles of driving on a new coach.

NOTE: Left-hand wheels are left-hand threads; right-hand wheels are right-hand threads.

CAUTION: Under no circumstances should the wheel mounting adaptor be removed from the suspension.

CHANGING WHEELS

If you need to change a wheel, move away from heavy traffic flow and onto as level a surface as possible. Shut off the engine, fully apply the parking brake and place the transmission shift lever in "Park." Block the wheel diagonally opposite from the jack position. Do not run the engine with one drive wheel off the ground. If jacking from the side, whereby only one wheel is being lifted, check the stability of the vehicle on the jack before removing the wheel nuts. After changing a wheel, wheel lug nuts should be torqued at 450 lbs. ft. And, as soon as possible, check the pressure in the new tire. It should be 60 lbs.



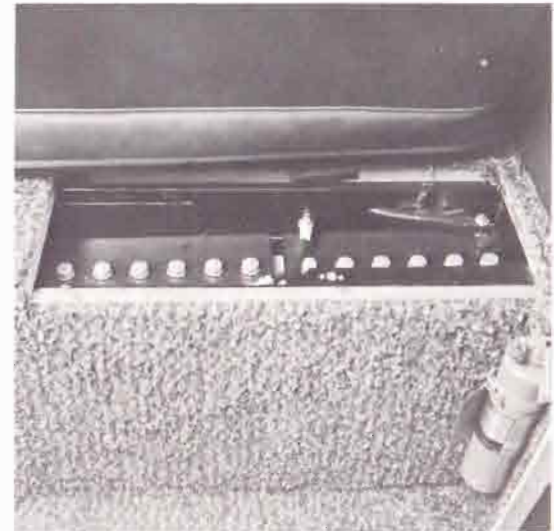
M. Batteries

Two 105 A/H 12-Volt batteries are located under a floor plate directly behind the double seat in the driver's compartment. The plate is held in place by two "camlocks." A battery switch is located adjacent to the driving compartment step.

This switch is recessed in the right side of the driver-area step, and provides a four-position rotary movement controlling battery current to the coach's 12V systems. The "Off" position cuts all power to all automotive and coach 12V systems, and should only be used for storage or emergency situations. The numbered positions 1 and 2 cut batteries 1 and 2, respectively, into the circuit; the battery in the circuit furnishes all the power to operate both automotive and coach systems. Which battery you use depends upon the electrical load of the system. (e.g., When parked at a remote campsite, switch to #1 battery; when it gets low, change to #2 and start unit to charge #1.) The "Both" position should be used for emergency starts only. Once engine is running, change to desired battery. Do not keep switch in the "Both" position. Do not switch under a system load. And relax... charging is accomplished, regardless of the switch position.

If both batteries are too low to start the engine, charging may be accomplished with the converter by using the Power Pak Generator, shore power or jumper cables to start the engine. All DC fuses are located in the rear compartment, in the converter and fuse box, except charging fuses which are in the battery compartment.

Batteries consume water when being used. Be sure to check water level at least every thirty days.



P. Lubrication Service

1. Engine Oil

Use only engine oil which meets oil quality standard GM 6041-M. The oil change interval and new vehicle warranty are based on the use of oils that meet these requirements. High quality oils which are intended for service **SE** and pass car makers' tests are of this quality.

NOTE: Non-detergent and other low quality oils are specifically not recommended.

2. Checking Oil Level

The engine oil should be maintained at the proper level. To check the level, remove the oil dip-stick, wipe it clean and reinsert it for an accurate reading. The oil dip-stick is marked "**FULL**" and "**ADD**." The oil level should be maintained within the margin, going neither above the "**FULL**" nor below the "**ADD**" lines.

3. Supplemental Engine Oil Additives

The regular use of oil additives is not specifically recommended and will increase the operating costs. However, in case of specific problems, engine oil supplements are available at your Authorized Dealer. It is suggested that in the event of an operational problem you consult your Dealer for advice.

4. Engine Oil Interval Change

Change oil every two months. If more than 3,000 miles are driven in a two-month period, change oil every 3,000 miles. A high quality MS oil meeting General Motors standard GM 6041-M was installed in your engine at the factory. It is not necessary to change this factory-installed oil prior to the recommended normal change period. However, the oil level should be checked more frequently during the break-in period, since somewhat higher oil consumption is normal until the piston rings become seated.

5. Engine Oil Filter Replacement

The engine oil filter should be replaced at the first oil change and every second oil change thereafter.

6. Recommended Viscosity

The proper viscosity helps assure fast hot and cold starts by reducing friction and thus increasing cranking speed. The following chart will serve as a guide for selecting the proper oil viscosity.

7. Lubrication

It is recommended that you have your vehicle lubricated each time your oil is changed.

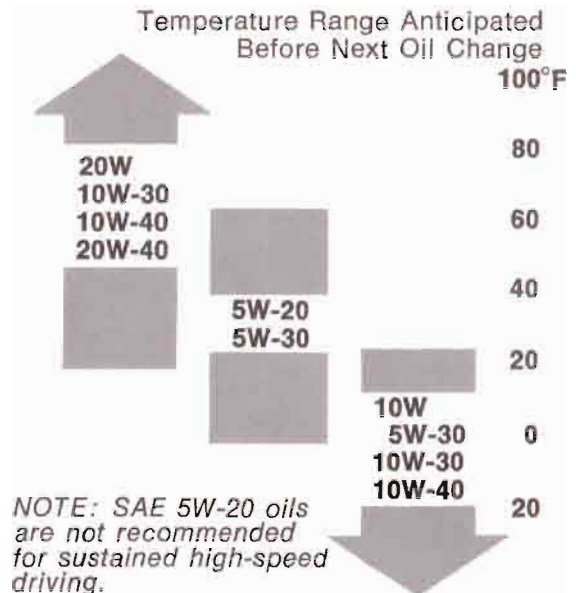
8. Transmission Fluid Recommendations

General Motors **DEXRON** automatic transmission fluids which have been especially formulated and tested for use in your automatic transmission are recommended. Check fluid level at each engine oil change period. To make an accurate fluid level check:

- Drive **REVCON 250** several miles, making frequent starts and stops, to bring transmission up to normal operating temperature (Approx. 180° to 190°).
- Park **REVCON 250** on level surface.
- Place selector in "**PARK**" and leave engine running.
- Remove dip-stick and wipe clean.
- Reinsert dip-stick until cap seats.
- Remove dip-stick for fluid level reading. If fluid level is at or below the "**ADD**" mark, add sufficient fluid to raise the level to the "**FULL**" mark. One pint raises the level from "**ADD**" to "**FULL**." **DO NOT OVERFILL.**

Under normal driving conditions, the transmission fluid should be changed every 12,000 miles.

Recommended SAE Viscosity Number



NOTE: SAE 5W-20 oils are not recommended for sustained high-speed driving. SAE 30 oils may be used at temperatures above 40°F.

Q. Windshield Washer and Wiper

Start the wiper at slow speed.

As soon as the windshield has been wiped clean and dry, turn off the wiper switch. Wiper blades are properly positioned when the blades do not touch the lower or side mouldings of the windshield while the wipers are in operation.

Check washer fluid regularly—do it frequently when weather is bad.

Use GM **OPTIKLEEN** to prevent freezing damage, and to provide better cleaning.

Do not use radiator anti-freeze in the windshield washer, it could cause damage.

In cold weather, warm the windshield with defrosters before using washer to help prevent icing that may seriously obscure vision.

N. Lights

Interior lights, license plate lights, side markers, headlights, parking lamps, tail lamps, brake lights, turn signals and hazard warning flashers should be checked periodically. As with household light bulbs, the light bulbs in your **REVCON** will eventually burn out and need replacement.

Check headlamp aim at least once a year, and be sure to re-aim any lamp that is replaced. Frequent signaling by oncoming motorists when you are using your low beam is a good indication that headlamps are aimed too high. Likewise, poor visibility when driving on a dark road may indicate improper aim.

O. Electrical System

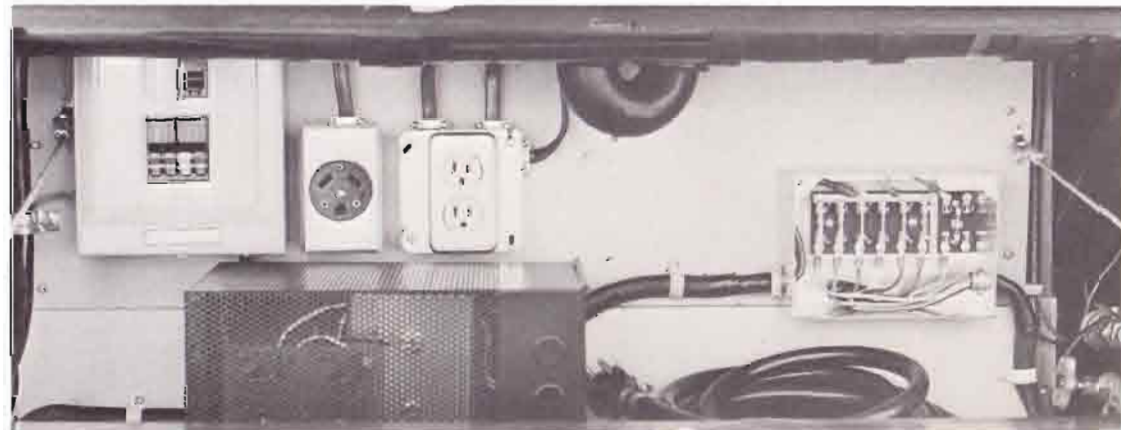
In your Revcon Motor Home, all lights, pumps, furnace, blowers, etc., are on a 12-volt system. There are two 12-V 100 A/H batteries which can be used individually or together. Your **REVCON** is also equipped with a 110-V AC to 12-V DC converter which supplies 12-V DC and automatically charges both batteries when connected to shore power or operating on Power Pak Generator. The converter automatically shuts off when batteries are up to full charge and maintains them at full charge. Batteries will be automatically charged as needed, regardless of the switch position. There is no danger of overcharging.

The engine alternator also charges both batteries when driving (63-amp alternator). To operate on shore power, the power cord, located in the rear compartment, should be plugged into an outside 110-V AC power source. The 110-V circuit breakers are in the same compartment.

The Power Pak Generator output feeds the receptacle marked "**GENERATOR**" in the rear compartment.

To operate on the generator, the power cord must be plugged into this receptacle. The Power Pak Generator circuit breaker is located in the generator compartment.

The 110-V wall receptacles, the Off-the-Road Air Conditioner, and the refrigerator (electrical) are only usable when plugged into shore power or operating on the Power Pak Generator.



CAUTION: DO NOT use the 110-V appliances when running the Off-the-Road Air Conditioner on the Power Pak Generator.

R. Paint

Your **REVCAN MOTOR HOME** is finished with the highest quality and most durable paint available. This brilliant Polyester coating is currently being used by many airline companies and manufacturers. It provided protection for the LEM and Apollo spacecrafts. The high gloss, color retention and resistance to corrosion of this fine finish gives your **REVCAN 250** superior protection for many years to come. The maintenance of this superior paint is naturally minimal.

S. Washing

To best preserve the Polyester exterior finish on your **REVCAN MOTOR HOME** and always keep it looking its best, always keep it clean. To maintain its original beauty, frequent washings are advisable. Wash the vehicle with either cold or warm (never hot) water, and a mild soap or detergent. Do not wash your vehicle in direct sunlight or when the metal surfaces are hot. Never wipe dirt or dust from dry surfaces, as this would certainly scratch most any finish. The use of strong soaps and detergents should be avoided for the overall washing of the vehicle. Salts, road tar, tree sap or other chemicals can usually be removed with kerosene or cleaning solvent.

NOTE: Any cleaning agent that is used should be promptly washed from the surface before drying, as they may streak the finish.

T. Waxing and Polishing

The durable Polyester finish on your **REVCAN MOTOR HOME** does not require waxing or polishing. Washing may not remove all road tar, tree sap or related grime; the application of a high quality wax or polish to the painted surfaces will do so and provide added protection that certainly cannot hurt the finish.

U. Chrome Plated and Stainless Steel Parts

Wash all bright metal frequently to alleviate the destructive forces of salt, exhaust gasses and other corrosive elements. Then follow with a protective coating of high quality wax. If necessary, chrome cleaner or polish may be used to remove rust from chrome plated parts before applying a protective coating. Proper protection is the owner's responsibility and parts damaged by chemical action or abrasion are not considered to be defective under the terms of the **REVCAN** warranty.

V. Glass and Mirrors

Never wipe glass with dry paper or cloth. Windshield wipers should not be operated with a dry windshield. Dirt or insects can be removed with clear water or a mild liquid household cleaner. Harsh abrasives should be avoided. Periodic inspection and replacement of wiper blades will reduce the possibility of the windshield becoming scratched and will assure clear vision under adverse driving conditions.

W. Towing

Always tow with the front wheels off the ground, if possible. If your **REVCAN 250** must be towed with all wheels rolling, or just the front wheels on the ground, tow with selector lever in the "N" (neutral) position, and do not exceed 35 mph.

X. Vital Spares

Two small but important parts of your new **REVCAN 250** have been specially designed for this motor home: the throttle cable and the power steering hose. You are advised to carry at least one spare of each, since both necessarily have a wear factor (although quality manufacturing gives both a maximum life expectancy), and failure of either part will cause breakdown.

Maintenance Service

Maintenance Interval (Time in Months)

Engine Oil—Change
Fluid Levels, All—Check and Add if Necessary (3 mos. or 3,000 miles)
Generator & A/C Belts—Inspect
Tire and Wheel Condition—Inspect
Brake Lines and Hoses—Inspect; **Brake Fluid Level**—Check
Steering Linkage, Front & Rear Suspension, Exhaust System—Inspect
Power Steering Belt, Fluid Level, Pipes and Hoses—Check

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Each Oil Change

Lubricate

Steering Linkage and Ball Joints—(Check seals for damage)
Hinges, Latches and All Body Hinges
Linkage (Transmission, Cruise Control)

Each Oil Change

Engine Oil Filter—Replace

●		●		●		●		●		●		●		●	
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Emission Control Adjustments

Spark Plugs—Clean and Gap or Replace
 (Not required at first 4-month interval)
Distributor Points—Adjust or Replace and Set Timing
Carburetor—Adjust Idle Speeds

At 24 Months or 24,000 Miles (Whichever Occurs First)

P.C.V. Valve—Replace

Ventilation Filter—Clean and Re-oil
Canister Filter—Replace

●		●		●		●		●		●		●		●	
		●		●		●		●		●		●		●	

Headlights—Check Aim

Carburetor—Replace Fuel Inlet Filter

Cooling System—Pressure Test, and Add Coolant if Necessary

		●		●		●		●		●		●		●	
		●		●		●		●		●		●		●	
		●		●		●		●		●		●		●	

Brake Linings & Parking Brake—Inspect

At Least Every 12,000 Miles

Brake System Warning Light—Check Operation

Engine Coolant—Service System and Install New Coolant

Speedometer Cable—Lubricate

						●						●			
						●						●			
						●						●			

Air Cleaner Element—Replace

Every 24,000 Miles

Automatic Transmission—Change Fluid—Service Strainer

At Least Every 12,000 Miles

Air Conditioner—Check Operation and Service as Needed

At Beginning of Each Cooling Season

Rear Wheel Bearings—Repack

Only When Brake Maintenance Requires Drum Removal

Tire Pressures, All Including Spare—Check When Cold

At Least Once a Month

Wheels—Align and Balance

As Required

Specifications

A. Capacities

	Units	U.S. Measure	Imperial Measure
Cooling System			
With heavy duty cooling, add	Qts.	21.4	17.95
Final Drive (Differential)	Pts.	4.0	3.25
Engine Crankcase			
Drain and refill	Qts.	5.0	4.25
Refill with filter change	Qts.	6.0	5.0
Fuel Tank	Gals.	46	38.3
Power Steering			
Pump only	Qts.	.6	.45
Complete system	Qts.	1.2	.9
Automatic Transmission			
Turbo Hydra-Matic drain and refill (approx.)	Qts.	4.0	3.25
After complete over-haul (approx.)	Qts.	10.0	8.25

B. Lubricant Recommendations

Power Steering system and pump reservoir	GM power steering fluid Part # 1050017—if not available, use DEXRON automatic transmission fluid.
Differential—Final Drive	Lubricant Part # 1051022 or # 1050081 or SAE 90 GL-5 gear lubricant.
Brake system and master cylinder	Delco Supreme 11 fluid or any SAE 70 R3 fluid.
Automatic transmission shift linkage	Engine oil.
Chassis lubrication	Chassis grease meeting requirements of GM 6031-M.
Automatic transmission	DEXRON automatic transmission fluid.
Parking brake cables	Light grease.
Windshield washer solvent	GM Optikleen washer solvent.

C. Recommendations for Filters

Engine Oil Filter	AC Type PF 30
Engine Air Cleaner Element	AC Type A 212CW
Carburetor Fuel Filter	AC Type CF 441
Positive Crankcase Ventilation Valve	AC Type CV 679C

D. Engine (455 4 bbl)

Bore and stroke	4.125 x 4.250
Compression ratio	8.5 to 1
Cubic inch displacement	455
Horsepower (taxable)	54.4
Horsepower (brake) gross	350 @ 4400 RPM
Horsepower (brake) SAE net	275 @ 4200 RPM
Firing order	1-8-4-3-6-5-7-2
Spark plug gap	See tune-up label on fan shroud visible through service door
Distributor point dwell	
Ignition timing	
Energizer (batteries)	Prestolite #2719X 105 Amp. Hrs. 90 Plates

E. Fuse Specifications

Use	Name of Fuse Circuit on Fuse Block	Fuse Types and Amperes
Radio	Radio	AGC-10
Tape player	Radio	AGC-10
Turn signal	Dir. Sig. Backup	SFE-20
Back up lamps	Dir. Sig. Backup	SFE-20
Tail lamps		
Side marker lamps		
License lamp	Tail	SFE-20
Stop lamps		
Hazard warning lamps	Stop-Haz	SFE-20
Windshield wipers	Wiper	AGC-25
Heater		
Air conditioner	Heater-A/C	AGC-25
Transmission control		
Parking brake lamp	Gauges-trans.	AGC-10
Courtesy lamps		
Cigarette lighter	Clk., Ltr., Ctsy.	AGC-25

The following circuits employ circuit breakers or have fuses located as indicated:

Headlamps	Circuit breaker	Built in light switch
Windshield wiper motor	Circuit breaker	In wiper switch
Directional signal flasher	GM Part #333636 or #383637	In clip behind instrument panel
Hazard warning flasher	GM Part #3904868	In fuse panel

FUSE SPECIFICATIONS FOR D.C. CABIN SYSTEMS

(Block in rear compartment)	
Water pump	
Bath fan	
Lights (left and right side)	AGC 7.5
Kitchen fan	
Forced air furnace	
Water saver.	AGC 1.5

FUSE SPECIFICATIONS FOR D.C. CONVERTER & CHARGING CIRCUIT

Converter (panel is under door at rear of converter)	2	AGC-40
Battery box	2	AGC-40
Battery switch (under floor boards)—charging circuit		AGC-40

F. Lamp Specifications

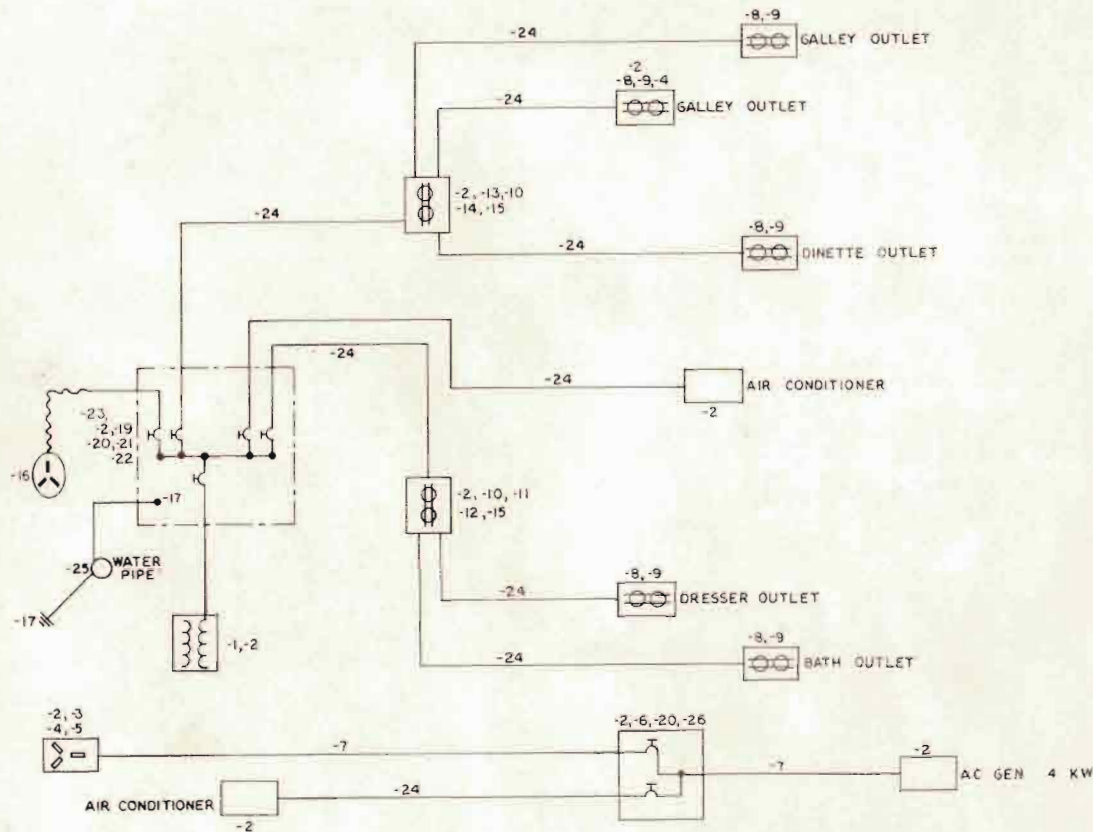
Use	Quantity	Trade No.	Use	Quantity	Trade No.
1. Internal Lamps			2. External Lamps		
High beam indicator	1	161	License	1	97
Engine warning hotlight	1	161	Parking & turn signals	2	1157 NA
Turn signal indicator	2	161	Tail & stop lights	2	1157
Brake warning light	1	161	Side markers (front & rear)	2 & 2	Westinghouse 194
Generator warning light	1	161	Back up lamps	2	93
Oil pressure	1	161	Headlamp—upper beam	2	L 4001
Low fuel indicator	1	194	Headlamp—upper & lower beam	2	L 4002
Radio dial	1	1893	Clearance lights	14	GE 1816
Instrument cluster	3	168			
Instrument panel	2	1893			
Courtesy lights	2	97			
Map lights (above seats)	2	WEMAC 1383			
Step light	1	GE 67			
Entry light	1	Westinghouse 93			
Main Cabin	minimum of 10	Westinghouse			
Reading lights	4	WEMAC 1383			
Bathroom mirror	4	Westinghouse 1141			
Stove hood light	1				
Stove	1	Westinghouse 12V-25W			
Water pump "On" indicator	1				
Generator indicator	1	Compulite—OL 330			

NOTES-

ELECTRICAL EQUIPMENT AND WIRING WILL BE INSTALLED ON THIS VEHICLE PER NATIONAL ELECTRICAL CODE 1968 EDITION EXCEPT ARTICLE 550 AND 551.

ALL UNITS TO BE TESTED AT 1000 VOLTS OR GREATER.

ALL GROUNDS TO BE BOLTED WITH LOCK WASHER AND NUT.



P/N QTY DESCRIPTION

P/N	QTY	DESCRIPTION
-26	1	MURRAY BREAKER MP-120
-25	1	COLD WATER GROUND #C-160-C
-24	125'	#12-2 WIRE W/GROUND ROMEX
-23	1	ROMEX CONNECTOR #GG24
-22	1	MURRAY BREAKER MP-15-20
-21	1	MURRAY BREAKER MP-20-20
-20	2	MURRAY BREAKER MP-130
-19	1	MURRAY LOAD CENTER LC-004MS
-18	4'	#6 BARE ALUMINUM WIRE
-17	3	TA-65 GROUND LUG
-16	1	COLMAN 30 AMP CORD #431025
-15	2	COVER DUPLEX #SB-C-7
-14	1	5-50/2 BOX
-13	1	5-5 PLASTER RING (DUPLEX)
-12	1	4-5 PLASTER RING (DUPLEX)
-11	1	4-50/2 BOX
-10	2	RECEPTACLE #F320-G-2 LEVITON
-9	4	BOX UNION #5020
-8	5	SERRIA RECEPTACLE #1910
-7	30'	#10-2 WIRE W/GROUND ROMEX
-6	1	MURRAY LOAD CENTER LC-002MS
-5	1	LEVITON #5501B PLATE
-4	2	HANDY BOX #10G
-3	1	EAGLE TRAILER RECEPTACLE #1263
-2	18	ROMEX CONNECTORS #GG25
-1	1	WYE CONVERTER #L1 DUAL-20

Electrical Schematic