

PLATINUM[®]

OWNER'S MANUAL



CH *Coach House*[®]
Motor Homes

3480 Technology Drive • Nokomis • Florida
(800) 235-0984 • (941) 485-0984 • (941) 488-4095 FAX
ON THE WEB: WWW.COACHHOUSERV.COM
EMAIL: INFO@COACHHOUSERV.COM



Ford Motor Company

E-450 SUPER DUTY CHASSIS

PLATINUM

TABLE OF CONTENTS



WARNING

Operating, servicing and maintaining a motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to
www.P65Warnings.ca.gov/passenger-vehicle

SECTION 1 - INTRODUCTION

SECTION 2 - SAFETY GUIDELINES, WEIGHTS & TOWING

SECTION 3 - ELECTRICAL SYSTEMS

SECTION 4 - L.P.G. SYSTEM

SECTION 5 - HVAC/PLUMBING

SECTION 6 - GALLEY SYSTEMS

SECTION 7 - MISCELLANEOUS

SECTION 8 - OPTIONAL EQUIPMENT

INFORMATION KIT

Located in the back of this owner's manual is a packet that contains all supplier information booklets. Please read them for detailed information regarding your various devices, appliances and warranties.

PLATINUM[®]

OWNER'S MANUAL

SECTION 1

INTRODUCTION

Section 1 - Introduction:

Introduction	1-2
Letter from the Owners	1-3
CHOC Application	1-4
FMCA Application	1-5
Ambassador Program	1-7
Warranty Coverage	1-8
Appliance Warranty Information	1-11
Reporting Safety Defects	1-12
Safety Recalls	1-13
Florida Lemon Law	1-13

INTRODUCTION

Every effort has been made to build your *Coach House* **Platinum** to the highest quality standards. To help you obtain the most enjoyment and safety while using your motorhome, we strongly urge you to carefully review this owner's manual, paying particular attention to the areas that discuss safety. Some items discussed are optional and only need to be reviewed if that option has been installed on your unit.

The Coach House owner's manual is comprised of many parts:

- 1) **Chassis Owner's Manual** - The Chassis Owner's Manual is supplied by Ford. Please pay specific attention to the recommended service guidelines for your chassis in order to ensure a long life of the engine, frame, suspension, tires, and auxiliary equipment which was provided by the chassis manufacturer.
- 2) **Safety Guidelines** - (Section 2) This section is a comprehensive guide to the safe operation of any Recreational Vehicle.
- 3) **Area Specific Breakdowns** - (Sections 3 - 8) These sections have general instructions and guidelines for all areas of your motorhome. If you cannot find the information needed please refer to the **INFORMATION KIT** in the back of this manual. If more information is needed feel free to call our service department at the factory, or call the manufacturer with the contact numbers provided in this manual. Our telephone number is 1-800-235-0984.

This manual is meant to give the owner a good understanding of the family of products. Coach House, Inc. should be consulted for specific information concerning your equipment.

Coach House

LETTER FROM THE OWNERS

Dear New Coach House Owner:

On behalf of our entire staff, we would like to say "Thank-You" for purchasing one of our Coach House **PLATINUM** Motor Homes and welcome you to the Coach House Family. As part of our growing family, we encourage you to let us know how your **PLATINUM** is performing and always feel free to contact us regarding any problem, complaint, or suggestion.

The following owner's manual was designed to answer many questions about the operation, service, and warranty of your new PLATINUM. We have also included a vendor list to assist as a quick reference guide in the event you need to talk to someone about a specific item on your unit.

As part of our Coach House Family, we will send out complimentary issues of our Coach House Today newsletters giving you an insight as to our company and our employees, keep you informed about our *Coach House Owners Club* (C.H.O.C.) and updates regarding new ideas, product developments, and other issues that might develop in our industry.

Again, "Thank-you" for your business and we hope your new **PLATINUM** brings you many happy memories and years of safe travel.

If we can be of any service, please feel free to call us at 1-800-235-0984.

Sincerely,

David Gerzeny
President

Steve Gerzeny
Vice President

A Message From The President

Welcome to the Coach House family!
As President of the Coach House Owners' Club (CHOC), and on behalf of all of our members, I would like to extend this invitation to you to join our fun and friendly club.

CHOC is made up of like-minded people who share the common bond of owning a quality Coach House motor home for their recreational pursuits. Our rallies — such as Spring 2018 to Memphis, Tenn. and Fall 2018 to Asheville, N.C. — are fun times for exploring new locations, sharing experiences, getting together with old friends and making new ones. When we're not on the road, we keep in touch through our *CHOC Talk* newsletters which are published twice yearly, and our CHOC Facebook group page, which is a private forum for members only. We also have our own club web site.

You may complete the application in this flyer, or you may download an application at CoachHouseRV.com, or you may email me directly at President@coachhouseownersclub.com or CHOC Membership Officer Renee Rodeck at Membership@coachhouseownersclub.com. Applications are also available from Coach House directly (1-800-235-0984). We look forward to meeting you.

Sincerely,
David Wedemeyer,
President

Member Benefits

Membership in the Coach House Owners' Club provides the following benefits:

- Camaraderie with Coach House owners
- CHOC Newsletter
- CHOC private Facebook group
- Full access to the CHOC web site, www.coachhouseownersclub.com

- Coach House activity options
- Chapter rallies
- FMCA benefits (for information on FMCA and how to join, see www.fmca.com or call FMCA at (800) 543-3622).

Find Out More

For more information about the Coach House Owners' Club, please contact one of the club's current officers:

David Wedemeyer, *President*
President@coachhouseownersclub.com

Renee Rodeck, *First V.P., Membership*
Membership@coachhouseownersclub.com

Ruth Ristow, Bill Ristow, Irene Wedemeyer
Second V.P., Rally Coordinator
RallyCoordinator@coachhouseownersclub.com

Charlie Hedstrom, *Third V.P., Communications*
Communications@coachhouseownersclub.com

Helen Paul, *Secretary*
Secretary@coachhouseownersclub.com

Val Basellce, *Treasurer*
Treasurer@coachhouseownersclub.com

Mike Thursby, *FMCA National Director*
FMCA@coachhouseownersclub.com

Ross Hendrix, *FMCA Alternate National Director*
AltFMCA@coachhouseownersclub.com

Lori Pierce, *Coach House Factory Liaison*
lpierce@coachhouserv.com

Coach House Owners' Club FMCA Chapter Membership Application

PILOT <small>PILOT</small>	LAST NAME <small>PILOT</small>	FIRST NAME <small>PILOT</small>
CO-PILOT <small>CO-PILOT</small>	LAST NAME <small>CO-PILOT</small>	FIRST NAME <small>CO-PILOT</small>
STREET ADDRESS <small>PILOT</small>		
CITY, STATE, ZIP <small>PILOT</small>		
PHONE <small>PILOT</small>		
E-MAIL <small>PILOT</small>		
COACH MODEL NUMBER (E.G. 272) & YEAR <small>PILOT</small>		
FMCA NO. <small>PILOT</small>		

Please indicate: ☐ New membership ☐ Renewal

☐ **Please check** if you are a past member of CHOC.

☐ **Please check** if you DO NOT want your information included in the CHOC roster that is only distributed to members.

☐ **Please check** if you DO NOT want to be added to the CHOC secret and private Facebook Group.

No person may be a member of the Coach House Owners' Club unless he or she is a member in good standing of the national organization of the Family Motor Coach Association (FMCA) and a current or former Coach House owner.

Fee: \$25 to join CHOC; \$25 per year thereafter.

Please send this application and a check for \$25, payable to Coach House Owners' Club, to: CHOC, c/o Coach House, Inc., 3480 Technology Drive, Nokomis, FL 34275.

Name Tag Info

PLEASE PRINT CLEARLY

NAME PILOT GOES BY PILOT

NAME CO-PILOT GOES BY CO-PILOT

YOUR HOMETOWN (CITY, STATE) PILOT

STREET ADDRESS TO MAIL NAME TAGS, IF DIFFERENT FROM ABOVE: PILOT

CITY, STATE, ZIP PILOT



**DETACH &
RETURN NOW!
OR SIGN UP AT
FMCA.com/invite
USING PROMO CODE:
C007578**

Welcome to your new RV! There's a lot to learn – and love – about RV life, and the best resource for information, discounts, on-the-go assistance and more is the Family Motor Coach Association (FMCA).

That's why we are sending you an invitation to enjoy a FULL YEAR of complimentary membership – at NO cost to you!

Here's what you need to do right now:

RETURN THE MEMBERSHIP VOUCHER BELOW
or Visit **FMCA.com/Invite** With Your Unique Promo Code Found Above

This will get you started on your complimentary membership and all the great benefits that come with being a new member of FMCA. Benefits like select pricing on RV tires, \$74 Roadside Resuce®, and our very own **FMCA Assist Medical Emergency and Travel Assistance Program** (included in your

Over, please...

*Your Membership
is Courtesy of*



Coach House

*We are pleased to present you with this
complimentary membership (a \$60 value).
Congratulations on your RV purchase!*

DETACH HERE ►

DETACH HERE ▼

MEMBERSHIP ACCEPTANCE VOUCHER

☒ **YES!** Activate my complimentary FMCA membership today!

☐ Please change my address of record to:

ADDRESS

CITY

STATE

ZIP

The following information will be added to your membership.

CO-PILOT LAST NAME / FIRST NAME

☐ Motorhome ☐ Towable

RV MAKE & MODEL

AREA CODE / PRIMARY PHONE

EMAIL

PROMO CODE: C7578JUN19

Look in packet at the back of this book for card to mail in.

membership!). For more FMCA benefits, see the sidebar to the right.

Members tell us they wouldn't hit the road without their FMCA membership, and now you don't have to, either – and this is at absolutely NO cost to you. Your membership (\$60 value!) is a thank-you from FMCA for joining the wonderful world of RV ownership.

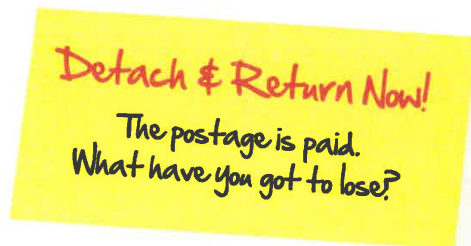
Welcome to the FMCA, Your RVing Family!

Sincerely,



Chris Smith
Executive Director/CFO

P.S. Please return your Membership Acceptance Voucher or go online immediately so we can get your distinctive FMCA RV plates on their way to you.



This one-year FMCA complimentary membership offer is not applicable to individuals who have been a member in the past, or presently have an active membership.

VISIT US ONLINE AT
www.fmca.com

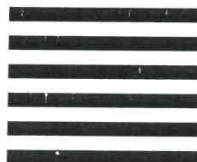
BUSINESS REPLY MAIL

FIRST-CLASS MAIL PERMIT NO. 10926 CINCINNATI OH

POSTAGE WILL BE PAID BY ADDRESSEE

FAMILY MOTOR COACH ASSOCIATION
8291 CLOUGH PIKE
CINCINNATI OH 45244-9928

NO POSTAGE
NECESSARY IF
MAILED IN THE
UNITED STATES



All Members Receive...

INFORMATION EXCHANGE

- Family RVing magazine
- FREE Directory/Member Benefits Guide
- Access to educational programs
- Full member access to FMCA.com and familyrvingmag.com

TRAVEL SERVICES

- FREE FMCAssist, the Medical Emergency and Travel Assistance Program (\$105 value!)
- FMCA Roadside Rescue® – U.S. and Canada

INSURANCE

- FMCA RVinsurance – competitive rates on RV, homeowners, and auto insurance
- FMCA International Travel Insurance
- Affordable healthcare options for RVers

ACTIVITIES

- International RV Showcase events
- Over 400 special-interest and geographic chapters to join
- Chapter & area rallies

DISCOUNTED RATES

- Special pricing via the FMCA Tire Savings Program
- FREE 1-year KOA Value Kard Rewards trial membership
- Discounted rates at hundreds of FMCA commercial member campgrounds
- Special offer from Passport America
- Special discounts on Fantasy RV Tours
- Travel-friendly mobile internet offers with FMCA Connect-on-the-Go and FMCA TechConnect+
- Special offer from Costco Wholesale Membership Program (\$50 value!)
- \$10 Gift Card for New Sam's Club Members
- Office Depot and Staples National Discount Programs
- Save on RV temperature monitoring for your pets

ADDITIONAL BENEFITS

- FMCA identification emblems
- Anti-theft program for your RV
- 20 FREE words of Classifieds advertising

Additional sign-up and fees may be required for some benefits.

AMBASSADOR PROGRAM

The Coach House Ambassador Referral Program was created to entice our valued customers to share their experience with friends, family, and all the folks you meet during your travels! It is a common occurrence to be stopped by people asking about your Coach House **PLATINUM**. Why not get paid for your time and efforts?

Here is how it works:

- Sign up to be an ambassador. We will custom print and mail you a packet of Coach House Platinum Ambassador business cards with your name and our contact information.
- When approached by a prospect, simply discuss your Coach House **Platinum**. Explain the features and benefits, the styles/models and why you purchased.
- Hand them a Coach House Platinum Ambassador business card and tell them to contact us directly at the Factory.
- If a prospect purchases any Platinum, Coach House, Inc. will pay you \$200.00 once the unit is delivered. There's no limit to the number of people you can refer, so there's no limit to how much you can earn!

We sincerely appreciate your assistance. Good Luck and Fun Selling!!!

Sincerely,

Steve Gerzeny
Vice President
Coach House, Inc.

Coach House[®]

WARRANTY COVERAGE

This document is intended to provide a general guideline regarding the warranty of your new Coach House, Inc. **PLATINUM** motorhome. The original Coach House, Inc., Limited Warranty form was signed by you when you purchased and took delivery of your new unit and is the only document which governs the Coach House, Inc. limited warranty. Coach House, Inc. reserves the right to make changes to the limited warranty at any time at its' sole discretion.



Coach House, Inc. warrants only the conversion portion of the motor home for a period of three (3) years or thirty-six thousand (36,000) miles from the date of the first retail purchase or first in-service date. Appliances and auxiliary equipment carry warranties from the individual manufacturer. Please refer to the original equipment manuals included in this Owner's Manual. The warranty period applies only to units used for recreational travel and family camping.



Ford chassis are warranted for a period of three (3) years or thirty-six thousand (36,000) miles from the date of delivery, whichever comes first.

The Power train is warranted for five (5) years or sixty thousand (60,000) miles from the date of delivery, whichever comes first.

What is covered?

Defects in material and workmanship caused by Coach House, Inc.

What is NOT covered?

1) Adjustments

EXCEPTION - The following items will be adjusted free of charge for a period of ninety (90) days after retail purchase:

- a. Cabinet Doors
- b. Cabinet Drawers
- c. Latches
- d. Entry Doors, steps, and striker plates
- e. Awnings
- f. Loose Trim
- g. Slide-out adjustments

2) Fuses and Light Bulbs

3) Any product not registered and normally used in the United States or Canada.

4) Components that are warranted separately by the manufacturer of the product, including but not limited to chassis, tires, batteries, generators, plumbing, electrical equipment, air conditioners, furnaces, audio equipment, furniture, upholstery, and appliances.

5) Any product used for commercial purposes, as a permanent residence, or as a rental unit.

6) Window glass breakage. Headlights, Taillights. (Unless noted at the time of Delivery)

7) Lubrication and minor adjustments of locks, latches, hinges, slide-out system, etc.

- 8) Rust, corrosion, oxidation, dents, and other damage as a result of environmental conditions such as, but not limited to, heavy winds, hail, lightning, salt, and sand.
- 9) Fading or normal deterioration of items such as fabrics, exterior paint, decorative items, carpet, etc. due to use or exposure to ultra-violet rays or sun. Coach House does not warranty the conversion due to excessive climate conditions.
- 10) Cleaning of undercarriage/frame - Units delivered during winter months are likely to have been exposed to highway salts and chemicals. It is the responsibility of you, the owner, to wash the frame and undercarriage of the unit to prevent damage from rusting or oxidizing.
- 11) Damage/fading of the exterior caused by chemical cleaning or lack of proper maintenance of the exterior.
- 12) Normal unit maintenance, such as inspecting and resealing exterior seams.
- 13) Damage caused by abuse, misuse, negligence, condensation, overloading, vandalism, collision, road hazards, acts of nature (hail, wind, heavy rain damage, acid rain, flood), rock chips, alterations or modifications, improper non-warranty repairs, lack of normal maintenance, failure in giving prompt notice of water damage, improper operation or storage of components.
- 14) Subsequent damage, loss, or injury beyond warranty repairs as a result of mold or fungi.

APPLIANCE WARRANTY INFORMATION

Appliances installed by Coach House are warranted by the individual appliance manufacturers; refer to the Coach House Limited Warranty. Some of the manufacturers include a list of authorized service centers with their instruction manuals. The following is a partial list of appliance manufacturers with their phone numbers you should call if you experience any problems while under warranty.

<u>Appliance / Item</u>	<u>Manufacturer</u>	<u>Location</u>	<u>Phone Number</u>
Air Conditioner	Dometic	Elkhart, IN	(800) 544-4881
Awning (Motorhome)	Dometic	Elkhart, IN	(800) 544-4881
Awning (Slide-Top)	Dometic	Elkhart, IN	(800) 544-4881
Converter	Progressive Dynamics	Marshall, MI	(269) 781-4241
Furnace	Suburban	Dayton, TN	(423) 775-2131
Generator	Onan	Minneapolis, MN	(800) 888-6626
Home Theater	BOSE	Framingham, MA	(800) 367-4008
Hydraulics	HWH Corporation	Moscow, IA	(800) 321-3494
Inverter	Xantrex	Elkhart, IN	(800) 670-0707
LP Tank	Manchester Tank	Lynwood, CA	(800) 640-6327
Microwave	High Pointe	Bristol, IN	(574) 848-4256
Monitor Panel	Ventline	Bristol, IN	(219) 848-4491
Range Hood	Heng's Industries	Elkhart, IN	(574) 295-1200
Refrigerator	Dometic	Elkhart, IN	(800) 544-4881
Roof Vent	Fantastic Vents	Imlay City, MI	(800) 521-0298
Stabilizers	Equalizer Systems	Elkhart, IN	(574) 264-3437
Step, Entry	Kwikkee/Power Gear	Cottage Grove, OR	(541) 942-3888
Stove Top	Dometic	Elkhart, IN	(800) 544-4881
TV	Varies	Check info kit at back	
TV Antenna	Winegard	Burlington, IA	(800) 288-8094
Water Closet (Toilet)	Thetford	Ann Arbor, MI	(800) 543-1219
Water Heater	Whale (Atwood)	Lowell, MI	(616) 897-9241

For specific warranty information regarding each appliance, please refer to the instruction manuals included in the INFORMATION KIT at the back of this binder.

NOTE: that some warranty cards are included to be filled out and mailed, while other warranties can be filled out online.

REPORTING SAFETY DEFECTS

If you believe that your vehicle has a defect, which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Coach House, Inc.

If the NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, the NHTSA cannot become involved in individual problems between you, your dealer, or Coach House, Inc.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at:

1-800-424-9393

or 202-366-0123 in the Washington D.C. area

or write to:

**NHTSA Headquarters
1200 New Jersey Avenue, SE
West Building
Washington, DC 20590**

or:

www.NHTSA.dot.gov

You can also obtain other information about motor vehicle safety from the hotline.



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

SAFETY RECALLS

In the event that there is a Safety Recall on your vehicle or any component therein, you will be notified, in writing, by Coach House outlining the steps you need to take to remedy the situation.

To see a complete description of the Recall process and requirements, please go to the following government web site:

<https://www-odi.nhtsa.dot.gov/recalls/documents/recompendium.pdf>

FLORIDA LEMON LAW

We have included a pamphlet from the Florida Department of Agriculture and Consumer Services outlining the basic aspects of the Florida Lemon Law. Please pay close attention to Pages 8 - 11 which refer to Recreational Vehicles.

If you have any questions please call:

1-800-321-5366

or

1-850-488-2221 (outside Florida)

PLATINUM[®]

OWNER'S MANUAL

SECTION 2

SAFETY GUIDELINES, WEIGHTS & TOWING

Section 2 - Safety Guidelines, Weights & Towing:

R.V.I.A.	2-2
Safety Labels	2-3
General Safety	2-4
L.P. Gas Detector	2-5
Carbon Monoxide Detector	2-7
Smoke Detector	2-9
Fire Extinguisher	2-11
Specifications & Floor Plans	2-13
Certification Labels	2-17
Vehicle Weight Distribution	2-18
Weight & Towing	2-19
Towing Guidelines	2-20
Recommended Tire Pressures	2-21

RECREATIONAL VEHICLE INDUSTRY ASSOCIATION



Coach House RV is a proud member of the RVIA (Recreational Vehicle Industry Association).

The RV Industry Association's standards inspection program is one of the organization's signature industry initiatives and its greatest member benefit. The standards department maintains a professional team of full-time inspectors that promote the enhancement of safety by monitoring adherence to the standards adopted by the Board of Directors for the construction of RVs and Park Model RVs. The team conducts more than 2,000 unannounced inspections of member company RV manufacturing plants annually and is committed to providing educational resources, and hands-on training to manufacturer members to support their commitment to comply with these adopted codes and standards.

SAFETY

Safety, comfort, and ease of operation are key considerations during the design and manufacture of all Coach House Rvs.

It is the responsibility of the owner and operator to read, understand, and follow all instructions in this manual, all appliance/equipment system manuals located in the packet at the back of this manual and be familiar with all labels or signs in the motorhome. Specific items, procedures or instructions are identified with the key words “DANGER”, WARNING, and “CAUTION” which emphasize areas of special concern. These key words are defined as follows:



DANGER - Indicates a hazardous situation which, if not avoided, **WILL** result in serious injury or death.




WARNING - Indicates a hazardous situation which, if not avoided, **COULD** result in serious personal injury or death.



CAUTION - Indicates a hazardous situation which, if not avoided, **COULD** result in minor or moderate personal injury and/or damage to the motorhome.



NOTICE - Identifies hazards not related to personal injury.

The safety symbol,  used in conjunction with the DANGER, WARNING, and CAUTION labels identifies an area that involves the personal safety of the operator, passengers, or bystanders. Read, understand and follow the instructions and information in the safety label, sign or manual. Do not take chances with safety. Most accidents are preventable.

Follow the safety precautions outlined in this manual, but keep in mind that the manual may not cover all situations. Every person who occupies the motorhome or operates any of its components, devices or sub-assemblies must be familiar with this manual and the manuals in the “Packet” at the back. Every operator and occupant is responsible for following all safety items covered in this and other manuals.

GENERAL SAFETY

- The most important safety feature on your motorhome is a safe and knowledgeable operator. It is the operator's responsibility to read, understand and follow all the safety and operating instructions in the operator's, chassis, appliance and system manuals. Most accidents that involve motorhomes are preventable.
- An operator who has not read and understood all operating and safety instructions is not qualified to operate the motorhome.
- Untrained or uninformed operators and occupants expose themselves, passengers and other drivers to possible injury or death, and they subject the motorhome, other vehicles and property to potential damage.
- Do not modify the motorhome in any way. Unauthorized modifications may impair the function and/or safety of the motorhome.
- All driver and passenger seats are equipped with seat belts. Occupied seats must be locked in the forward facing direction when the motorhome is moving, and passengers may occupy only approved seats with the seat belt securely fastened. Do not allow any passengers to travel in the motorhome unless they are in an approved seat with the seat belt secured. Motorhome seats with seat belts installed by the manufacturer are the only seats approved and safe for travel.
- Always fasten the seat belt low on the torso and keep it snug to transmit the force from the belt into the hip/pelvic region of the body. Pregnant women should wear a lap/shoulder belt whenever possible. Wear the belt snug and low throughout the pregnancy.
- Establish a monthly fire extinguisher inspection program to ensure the extinguisher is fully charged and in proper working condition. Inspect the extinguisher prior to each time you operate or occupy the motorhome.

ALARMS

All models are equipped with LP gas, carbon monoxide and smoke alarms as standard safety equipment.

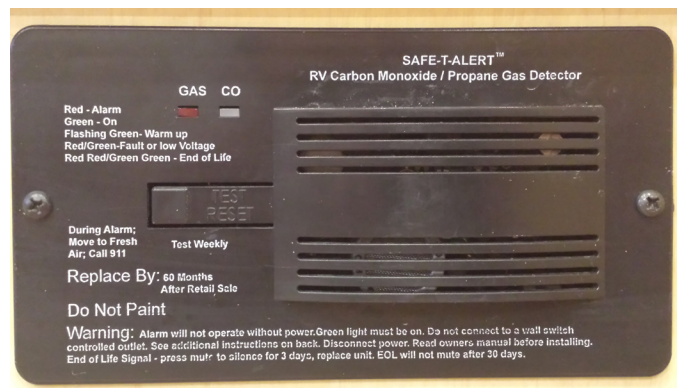


Recurring alarms indicate the slow accumulation of LP gas, carbon monoxide or smoke and may warn of low battery levels. Have an authorized service center check the system and identify the source of the alarm. Correct the problem before using the motorhome. Keep all alarms in good working order. For detailed information, refer to the alarm manuals provided in the package at the back of this manual.

LP GAS DETECTOR

The L.P. Gas detector is mounted at the base of the galley.

L.P. Gas is heavier than air and will fall. It also has an odor additive which smells like rotten eggs so that it is readily detected when a leak is present. Check the operation of your detector on a regular basis to ensure it is working properly.



The L.P. alarm sounds whenever there is an unsafe amount of L.P. Gas in the motorhome. If the L.P. monitor sounds an alarm, follow these steps:

1. Follow instructions on the safety label and air out the vehicle, Press the “Reset” button to silence the alarm.
2. Have a qualified service center find the leak and correct the problem before using the motorhome.
3. Refer to the “LPG System” section in this manual and L.P. Gas Alarm owner’s manual.
4. Test the CO/L.P. gas alarm after removing the motorhome from storage, before each trip and weekly thereafter.

IMPORTANT: This unit must be replaced within five (5) years of its production date. Record the manufacture date in the section of the manual named Owner’s Replacement Record. The replacement date indicates the date beyond which the device may no longer detect carbon monoxide.

PARKER SOLENOID VALVE

5. Your L.P. Detector is installed with an electric Solenoid Valve which will shut off the flow of L.P. Gas to your motorhome in the event that the L.P. Detector senses gas. This automatic valve will help deter the harmful effects of unwanted L.P. Gas inside your motorhome. In the event that your L.P. Detector trips, open all windows and doors to immediately “FLUSH” the air inside your motorhome.



WARNING

If you smell gas, immediately follow these steps:

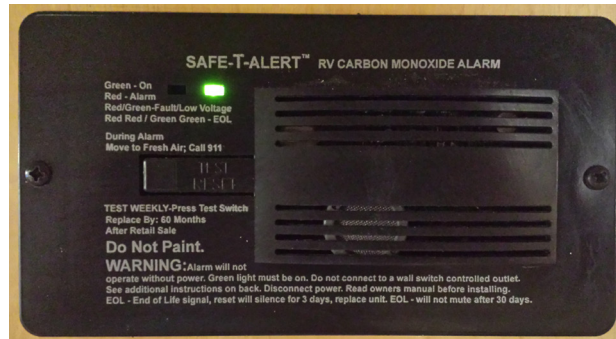
1. Extinguish open flames, pilot lights and all smoking material.
2. Do not touch any electrical switches.
3. Shut off L.P. Gas tank valve.
4. Open doors, windows, and roof vents after making sure the roof vent fans are “OFF”.
5. Leave the motorhome and it's immediate vicinity until odor is gone.
6. Have a qualified service technician check the system for leaks and make any necessary corrections and repairs.

NOTE: Do NOT remove label.

CARBON MONOXIDE DETECTOR

A carbon monoxide detector is mounted on the Passenger Side Overhead Cabinet above the bed.

The coach battery powers the detector and 3 amp fuses located behind the panel on which the detector is mounted, protect the unit. A green light on the detector front indicates that it is operating and any failure in the light should be investigated and remedied immediately. The detector should be tested on a regular basis as per the manufacturers instructions.



IMPORTANT: This unit must be replaced within five (5) years of its production date. Record the manufacture date in the section of the manual named Owner's Replacement Record. The replacement date indicates the date beyond which the device may no longer detect carbon monoxide.



DANGER

Carbon Monoxide is a colorless and odorless gas that is lethal to humans and pets. Do not breathe heating or cooking fumes or engine exhaust to prevent asphyxiation.



WARNING

Use of the motorhome is not recommended without a working LP and CO gas detector installed..



WARNING

Test these alarm operations after each storage period, before each trip and at least once a week during use.

FUEL AND PROPANE SAFETY



DANGER

Turn off all pilot lights, appliances and appliance igniters before refueling motorhome fuel or propane tanks. Failure to comply could result in death or serious injury.



WARNING

Do NOT place or store flammable liquids on board the motorhome, because fire or explosion may result. Failure to comply could result in serious injury or death.

Propane containers are equipped with safety valves that relieve excess pressure by discharging explosive gas into the atmosphere.

SMOKE DETECTOR

A smoke detector is mounted near the ceiling, behind the driver's front seat. The detector is battery (9 volt) operated and should be tested on a regular basis. Refer to the manufacturers instruction sheet, enclosed in this section, for the proper testing procedure and battery replacement. The smoke detector should be tested after each time the motor home has been in storage, before each use and at least once each week during use of the motor home. Smoke detectors should be replaced periodically as per the manufacturer's instructions.

The smoke detector sounds whenever there is an unsafe amount of smoke in the motorhome. Always open the roof vent before cooking.



**Have an escape plan and test it before using the motorhome!
Identify the emergency exits.**

If alarm sounds:

- Locate the source of smoke - if in doubt, evacuate immediately.
 - Open doors windows and roof vents to air out the motorhome and silence the alarm.
 - Eliminate the source of the smoke.
 - Replace the battery at least once a year, and test the smoke detector after battery replacement.
-
- Test the smoke alarm after removing the motorhome from storage and before each trip by depressing the test button, and weekly thereafter.
 - Test the smoke alarm sensor by blowing smoke from a safe source past the sensor. If the alarm does not sound identify and correct the problem or replace the smoke detector.
 - Make sure the wires are correctly connected to the battery. Position and close cover.
 - If you suspect the smoke alarm is not functioning properly, replace the alarm. DO NOT ATTEMPT TO REPAIR IT.

Regardless whether the Smoke Detector appears to be functioning correctly, it should be replaced in 10 years with a new unit specified for RV use.

SMOKE DETECTOR CONT'D



WARNING

Do NOT remove the battery to silence the alarm. If alarm “beeps” every minute, the battery is weak and requires replacement. Do not allow the battery to go dead. Use only recommended replacement batteries (see Smoke Detector operator’s manual.)



NOTICE

Smoke alarms are not perfect and do not respond in all situations. The best safeguard is fire prevention.

FIRE PREVENTION

Fires can start in a variety of ways including, but not limited to: smoking, malfunctioning appliances or equipment, placing flammable materials on hot surfaces, etc. It is best to prevent fires, but be prepared to extinguish a fire if necessary. Review the following sections with all operators and occupants on a regular basis.



CAUTION

Any exterior heat source (BBQs, space heaters, etc.) must be positioned away from the sidewall and directed away from the motorhome.

FIRE SAFETY TIPS:

1. Establish and maintain good housekeeping practices. Never allow combustible materials to accumulate in or around the motorhome.
2. Do NOT place or store flammable liquids on board the motorhome, because fire or explosion may result. Failure to comply could result in serious injury or death.
3. Have fully charged fire extinguishers readily available.
4. Avoid using flammable products in the motorhome.
5. Never smoke in bed or when relaxing on the couch.
6. Do not overload electrical outlets.
7. Do not leave food unattended when cooking.
8. Keep children away from electrical outlets and L.P. gas controls.
9. If there is a fire, evacuate everyone immediately. Use your fire extinguisher if safe to do so and close all L.P. gas valves if possible. Call the fire department and stay a safe distance away from the motorhome until the fire officials declare it safe.

FIRE EXTINGUISHER

A fire extinguisher is located in your Coach House PLATINUM III just inside the passenger door to the left. The gauge on the unit should be checked periodically for pressure level. If the indicator is in the red, the unit should either be re-charged or replaced.



WARNING

Stay a safe distance from the fire and near an exit. Stay close to the floor to avoid heat and fumes. The chemical from the fire extinguisher will shoot at least 10 feet.

OPERATION:

1. Pull the safety pin and grasp the fire extinguisher firmly while holding it in an upright position.
2. Aim the fire extinguisher nozzle at the base of the fire. Do not spray the smoke or flames.
3. Squeeze the handle to release the extinguishing agent.
4. Sweep the extinguisher from side to side until the fire appears to be out.



WARNING

After the fire is out, beware of flashback. Flashback occurs when flammable vapors from combustible liquids spread back to the ignition source and reignite the fire.

5. Once the fire is completely extinguished, discharge the fire extinguisher entirely and get it recharged, or replaced, immediately. (See detailed instructions in the manual in the INFORMATION KIT.

FIRE EXTINGUISHER CONT'D



WARNING

Use of the motorhome is not recommended without a working fire extinguisher installed.

FUNCTION:

Fire extinguishers are designed to put out fires in its initial stages. Once you cannot get within 10 feet of the fire, it is out of control and too big to fight with your extinguisher.

Do not discharge your fire extinguisher to test it. Once it is discharged, even for a few seconds, it will lose pressure and become useless.

Periodically check the pressure gauge on your fire extinguisher. If it loses pressure, the dry chemical will not effectively discharge. Do not operate or occupy the motorhome without a fully charged fire extinguisher.

Establish a monthly fire extinguisher inspection program to ensure the extinguisher is fully charged and in proper working condition. Inspect the extinguisher prior to each time you operate or occupy the motorhome.



NOTICE

If the pointer on the pressure gauge is not in the operating range, immediately replace the extinguisher. Record the inspection date on the tag provided.

SPECIFICATIONS & FLOOR PLANS

PLATINUM SPECIFICATIONS

	<u>220</u>	<u>261XI</u>	<u>271XL</u>	<u>272XL</u>
Wheelbase	158"	176"	176"	176"
Overall Length	23'-2"	26'-10"	26'-10"	26'-10"
Overall Width	8'-0"	8'-0"	8'-0"	8'-0"
Overall Width w/Slides Extended	NA	10'-4"/10'-9"	10'-4"	12'-5"
Overall Height including AC	10'-5"	10'-5"	10'-5"	10'-5"
Interior Headroom	6'-3"	6'-3"	6'-3"	6'-3"
GVWR (max weight of loaded vehicle)	14,500	14,500	14,500	14,500
GCWR (max weight of loaded vehicle plus tow)	22,000	22,000	22,000	22,000
Rear axle ratio	4.56:1	4.56:1	4.56:1	4.56:1
Interior Storage (cu.ft.)	48	71	61	62
Exterior Storage (cu.ft.)	13.5	18	16.5	16.5
Fuel tank (gal)	55	55	55	55
Fresh water (gal)	24	24	31	31
Grey water (gal)	27	27	27	27
Black water (gal)	26	26	27	27
Propane tank (pounds/gal)	68/15	68/15	68/15	68/15

1. The height of the motorhome is measured from the ground to the top of the highest standard component and is based on the UVW of a typically equipped motorhome. The actual height of your may vary depending on chassis, equipment, build variations or tire pressures. It is important that you know the actual height of your motorhome.

2. The load capacity of your motorhome is designated by weight, not by volume, so you cannot necessarily use all available space when loading your motorhome.

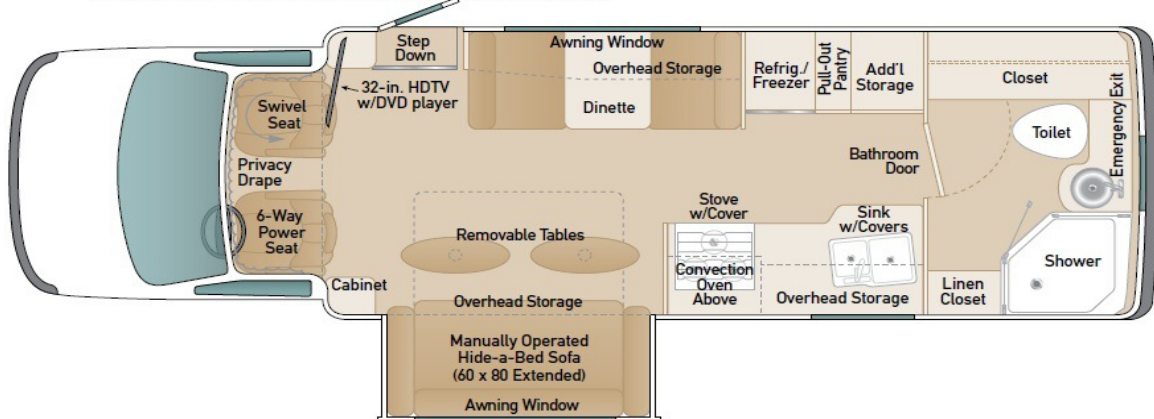
3. Tank capacities are based on measurements prior to tank installation. Slight variations may occur due to tank shrinkage or expansion.

4. Actual filled propane tank capacity is 80% of listed capacity due to overfilling prevention device on tank.

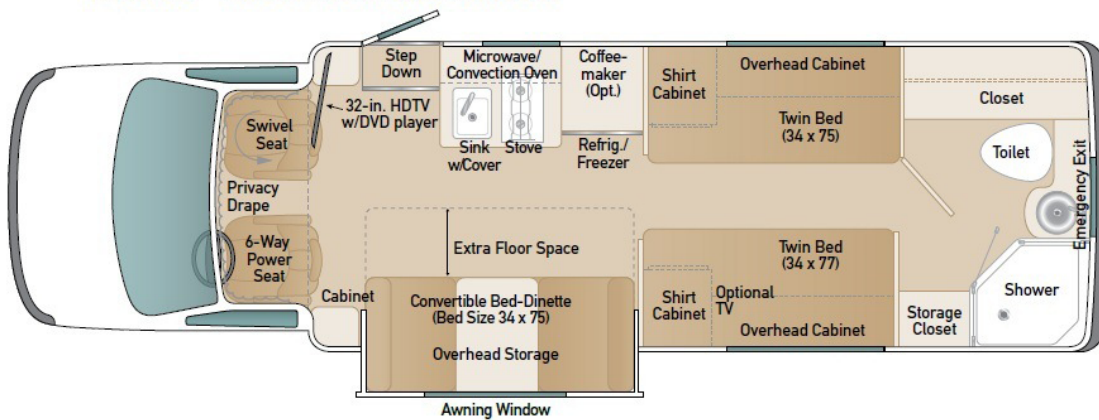
220 TB Twin Bed (no slideout)



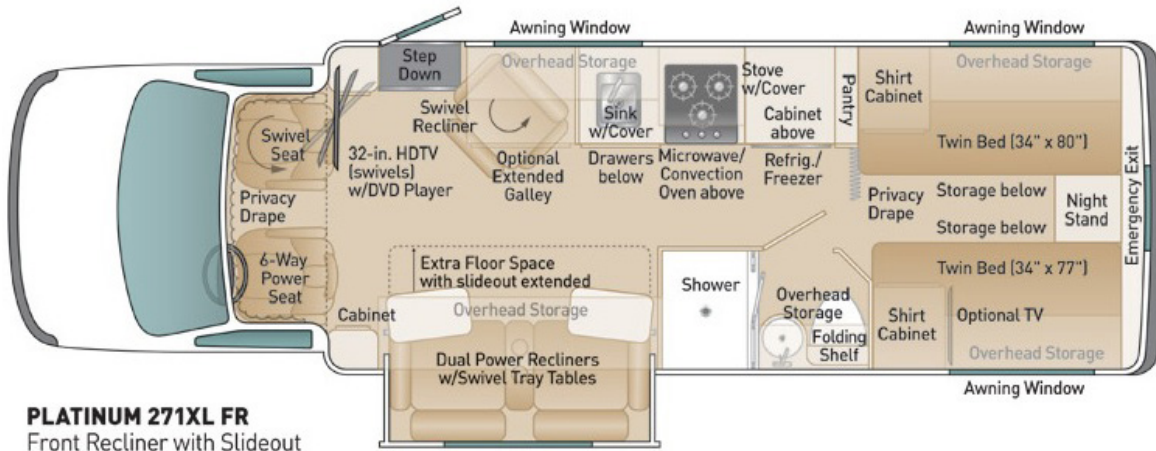
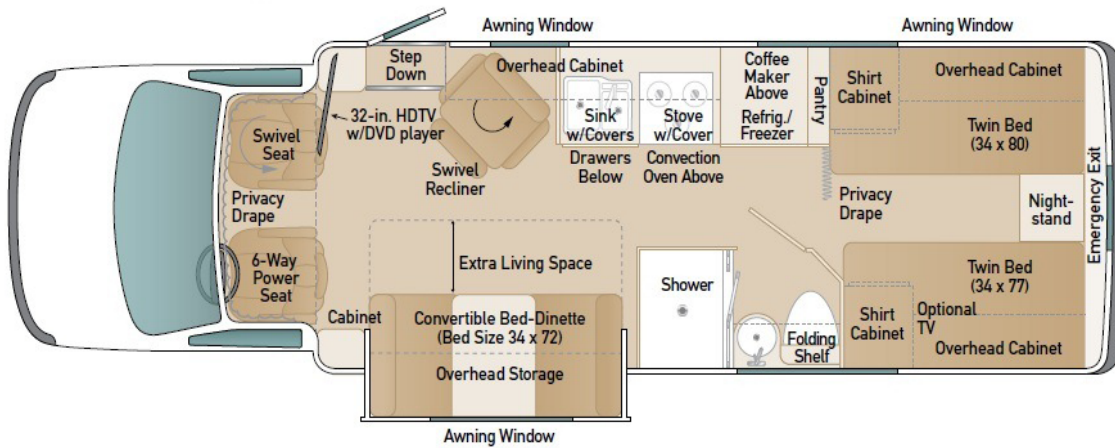
261XL QD Queen Dinette with slideout



261XL DT Dinette Twin with slideout

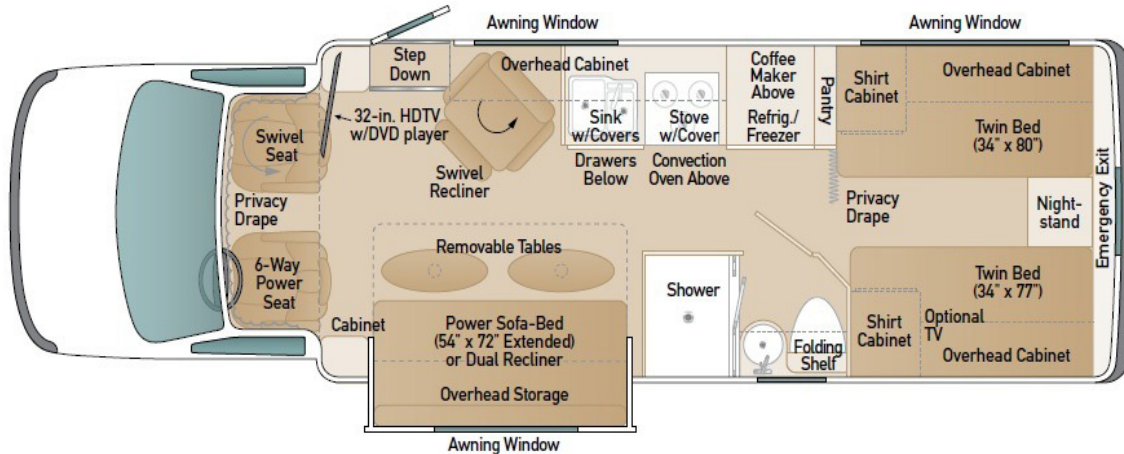


271XL FD Front Dinette with slideout

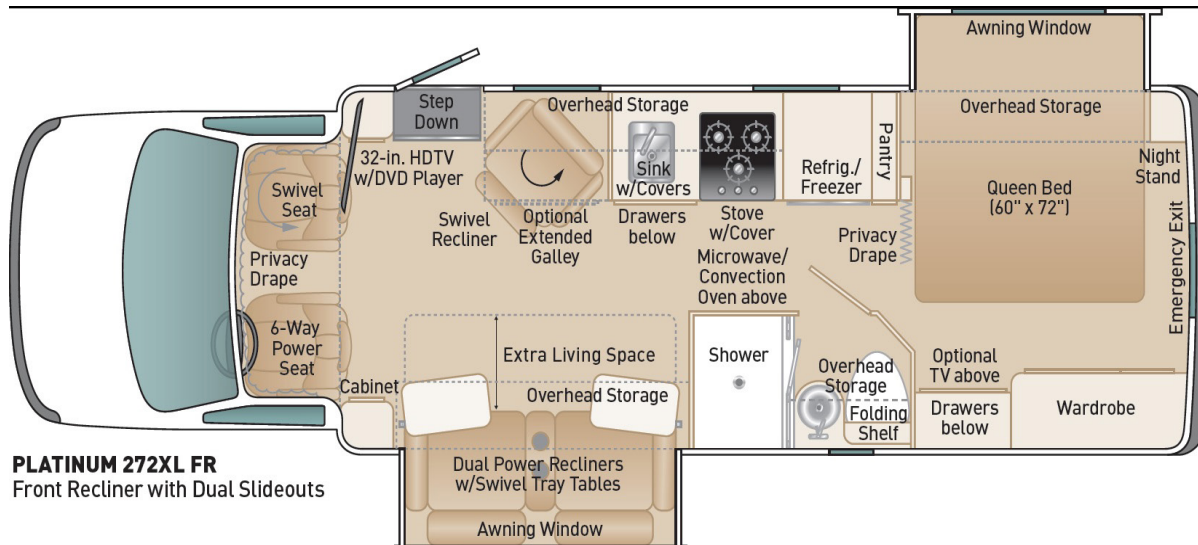
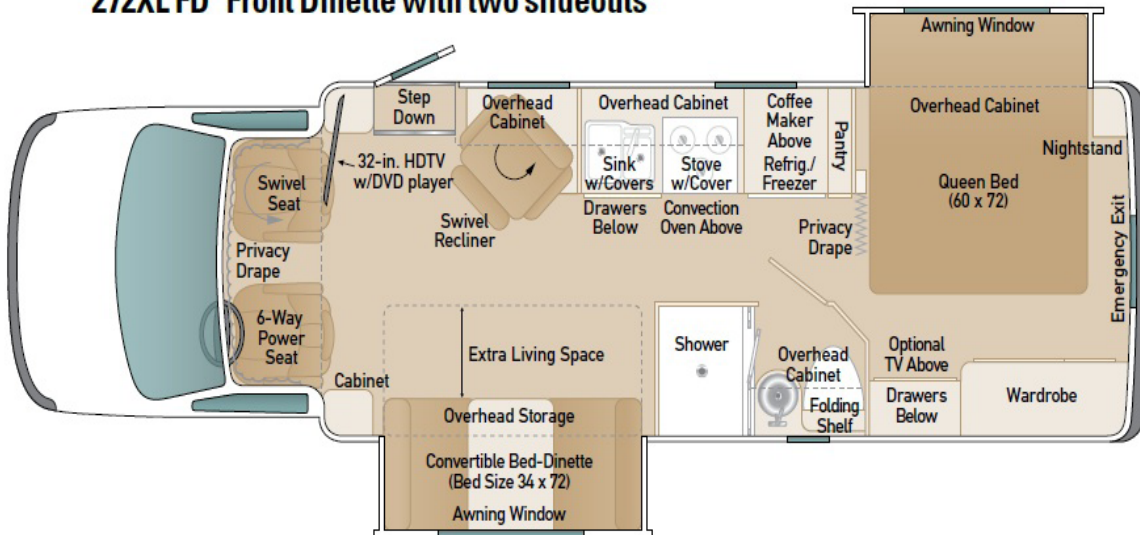


PLATINUM 271XL FR
Front Recliner with Slideout

271XL FS Front Sofa with slideout

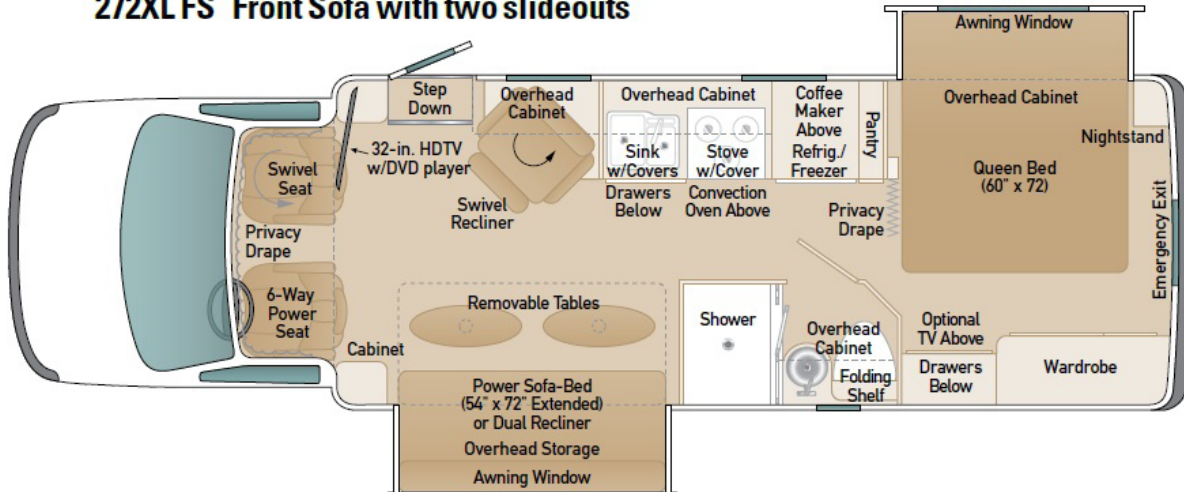


272XL FD Front Dinette with two slideouts



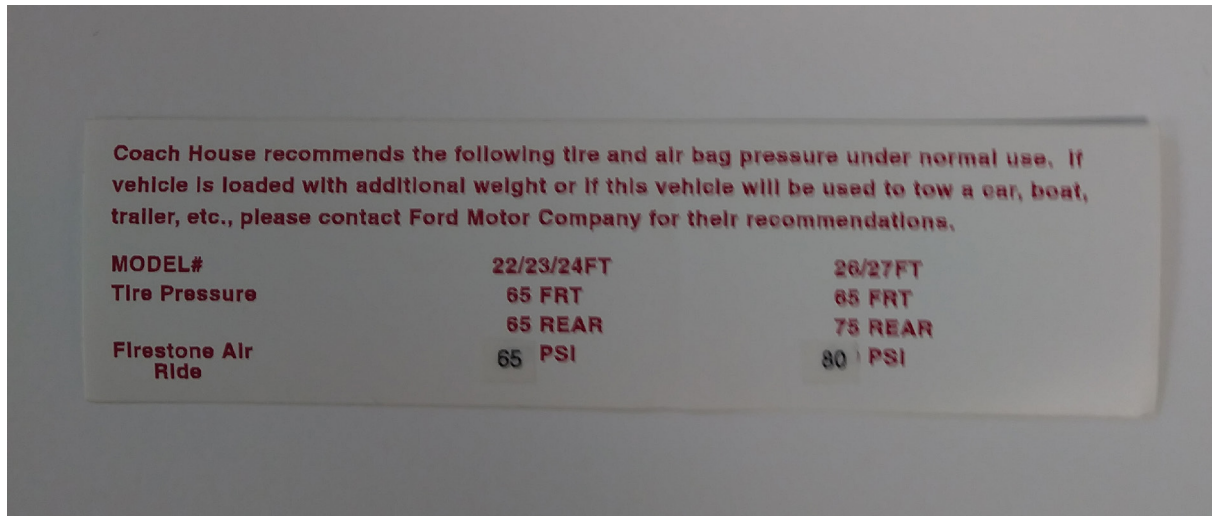
PLATINUM 272XL FR
Front Recliner with Dual Slideouts


272XL FS Front Sofa with two slideouts



VEHICLE CERTIFICATION LABELS

The vehicle certification labels affixed to your motorhome contain identification and other important reference information. Never remove or destroy these labels. The labels are located on the driver door frame.



MANUFACTURED BY:  Coach House, Inc. VAN MOTOR HOMES		DATE: 05-2019	
INC. VEH. MFG. BY: FORD MOTOR COMPANY		DATE: 04-2019	
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT IN: DATE 4-19	FRONT	REAR	GAWR
	2268 kg (5,000 lb)	4355 kg (9,600 lb)	TIRES
	LT225/75R16E	LT225/75R16E	RIMS
	16x6.0k	16x6.0k	PSI COLD SINGLE
	520kpa (75)	550 kpa (80)	
GVWR 6577 kg (14,500 lb)			
VEHICLE I.D. NUMBER: 1FDXE4FSXKDC38512	G0226		MODEL NUMBER
COACH HOUSE I.D.: KBC3480E19G226FD2	TYPE: MULTIPURPOSE PASSENGER VEHICLE		

Vehicle Weight Distribution

To properly load your vehicle, first determine its empty weight axle by axle and compare this with the GROSS AXLE WEIGHT RATING (**GAWR**), which can be found on the FMVSS sticker located on the driver's door column.

Try to load your vehicle in a manner that proportionally loads the axles according to their available loading capacity. Make sure that your total weight does not exceed the GROSS VEHICLE WEIGHT RATING (**GVWR**) for your vehicle. Be aware that the total of the axle ratings (GAWR) can add up to more than the GVWR. Side to side weight distribution should be considered when loading your vehicle and adjustments made as deemed suitable.

It is recommended that you weigh your vehicle axle by axle when fully loaded especially if the load is close to the OCCUPANT & CARGO CARRYING CAPACITY (OCCC) indicated on the Motorhome Weight Information label for your vehicle. Ensure that none of the stipulated weight capacities have been exceeded. After weighing, make any load adjustments necessary to insure proper vehicle handling and performance.

Towing and Combined Weight

The GROSS COMBINED WEIGHT RATING (**GCWR**) is defined as the maximum permissible gross weight of the vehicle and trailer. See the following page for information about towing.



Quick Facts

<u>Gross Vehicle Weight Rating</u>	G.V.W.R.	14,500 lbs.
<u>Gross Axle Weight Rating (Front)</u>	F.A.W.R.	5,000 lbs.
<u>Gross Axle Weight Rating (Rear)</u>	R.A.W.R.	9,600 lbs.
<u>Gross Combined Weight Rating</u>	G.C.W.R.	22,000 lbs.



CAUTION

Total vehicle load must NOT exceed the maximum GVWR/GAWR/GCWR of the chassis

WEIGHT AND TOWING

Labels similar to the samples shown below have been placed on the inside of the passenger side door with weight information for your vehicle. If “CALC” appears after the UVW part of the label, this indicates that the UNLOADED VEHICLE WEIGHT has been calculated by using typical completed model actual weights and making adjustments for certain options.

MOTOR HOME OCCUPANT AND CARGO CARRYING CAPACITY VIN: XXXXXXXXXXXXXXXX
THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED
XXXX kg OR XXXX lbs..

SAFETY BELT EQUIPPED SEATING CAPACITY: 2

CAUTION:

A FULL LOAD OF WATER EQUALS XXX kg OR XXX lbs.. OF CARGO @ 1kg/L (8.3 lb/gal)
AND THE TONGUE WEIGHT OF A TOWED TRAILER COUNTS AS CARGO

CAUTION:

LOAD CARRYING CAPACITY REDUCED
MODIFICATIONS TO THIS VEHICLE HAVE REDUCED THE ORIGINAL LOAD CARRYING CAPACITY BY

_____ kg OR _____ lbs..

TOWING GUIDELINES

To determine the towing capability of your vehicle, first refer to the chassis manufacturers Owners Manual and/or manufacturers literature that covers your vehicle. Information on your vehicle you need to know is the GROSS COMBINATION WEIGHT RATING (**GCWR**), maximum trailer weight, maximum tongue weight, and the weight of your vehicle fully loaded. After determining the above information, you can calculate the maximum size trailer you can tow by subtracting your loaded vehicle weight from the GCWR and compare the answer with the maximum trailer weight for your vehicle. Whichever figure is **SMALLER** will determine the maximum towing capacity (Loaded Trailer Weight) for your vehicle.

It is important to make sure that the tongue weight for your loaded trailer does not exceed the chassis manufacturers rating. Also check the capacity of the hitch installed to make sure you have not exceeded its rating.



Universal Motor Home Hitch

Maximum Trailer Weight (Class III Hitch)	3500 lbs...
Maximum Tongue Weight	200 lbs...

* NOTE: This maximum trailer weight only applies if the trailer has a separate braking system. Refer to the Ford "Operating Instructions" for more detailed information.

GCWR (Gross Combined Weight Rating) minus loaded vehicle weight (including tongue weight) = Maximum allowable trailer weight.

Example:	GCWR	22,000 lbs..
	Loaded vehicle weight (including tongue weight)	<u>14,500 lbs..</u>
	Maximum trailer weight	3,500 lbs..

RECOMMENDED TIRE PRESSURES

Maintaining the correct air pressure in your tires is vital to the smooth operation and safety of your vehicle. Please refer to the chart below for the recommended air pressure in the front and rear tires.

ALL MODELS

FRONT (PSI)

REAR (PSI)

75

80

Look for tire pressure label on driver's side door jamb.

PLATINUM[®]

OWNER'S MANUAL

SECTION 3 ELECTRICAL SYSTEMS

Section 3 - Electrical Systems:

Special Electrical Statement	3-2
Master Disconnect Switch	3-2
Firefly Control System	3-3
Power Converter	3-7
Circuit Breakers & Fuses	3-9
Main Fuse Panel Diagram	3-10
Auxiliary Fuse Panel Diagram	3-11
80 Amp Breaker	3-12
150 Amp Breakers	3-13
Auxiliary Start Over Ride Switch	3-19
Power Inverter	3-15
Generator	3-16
Auxiliary "House" Batteries	3-19
Maintenance of Batteries	3-21
Battery Separator Diagram	3-22
GFCI Receptacles	3-23
Wiring Diagrams	3-24

SPECIAL ELECTRICAL STATEMENT

Coach House Platinum III Motorhomes are wired with a MASTER DISCONNECT SWITCH. The location and operation of this switch is shown below.

Coach House, Inc. recommends that the Master Disconnect Switch be turned to the "ON" position any time your motorhome is in use.

Vital systems, including LPG and Carbon Monoxide detectors will not function unless the Master Disconnect Switch is turned "ON".

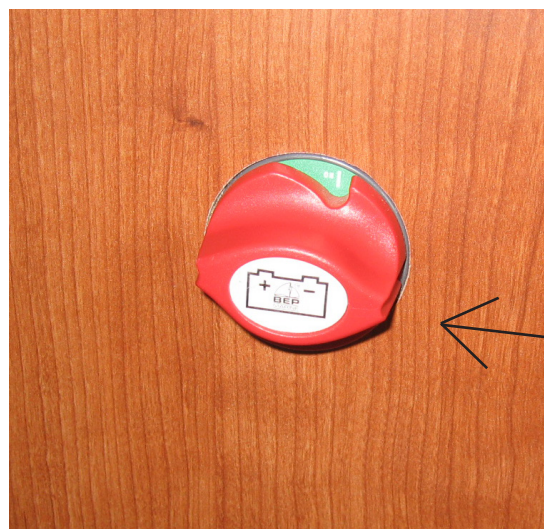
MASTER DISCONNECT SWITCH

The battery switch is located at the exterior side door on the cabinet behind the passenger's seat. Auxiliary batteries are being used when the switch is in the on position. Always turn the battery switch to the off position when the motor home is not being used to prevent the auxiliary batteries from being drained.

NOTE: Auxiliary batteries will NOT charge from engine alternator or converter with battery switch in the "OFF" position.

NOTE: If coach is plugged in during non-use or storage, leave battery switch "ON" to maintain auxiliary battery charge.

NOTE: Check auxiliary battery water level weekly, if applicable.



FIREFLY CONTROL SYSTEM

Your Coach House **PLATINUM** is equipped with the “Firefly” control system.

This system uses a touchscreen home base to operate many of the electrical components in your motorhome.



The touchscreen pad is located above the sofa behind the driver's seat in the upper cabinet panel.



Front remote panel location below inside entry door to right.

For detailed instructions, see manual in Information Kit at rear of this book.



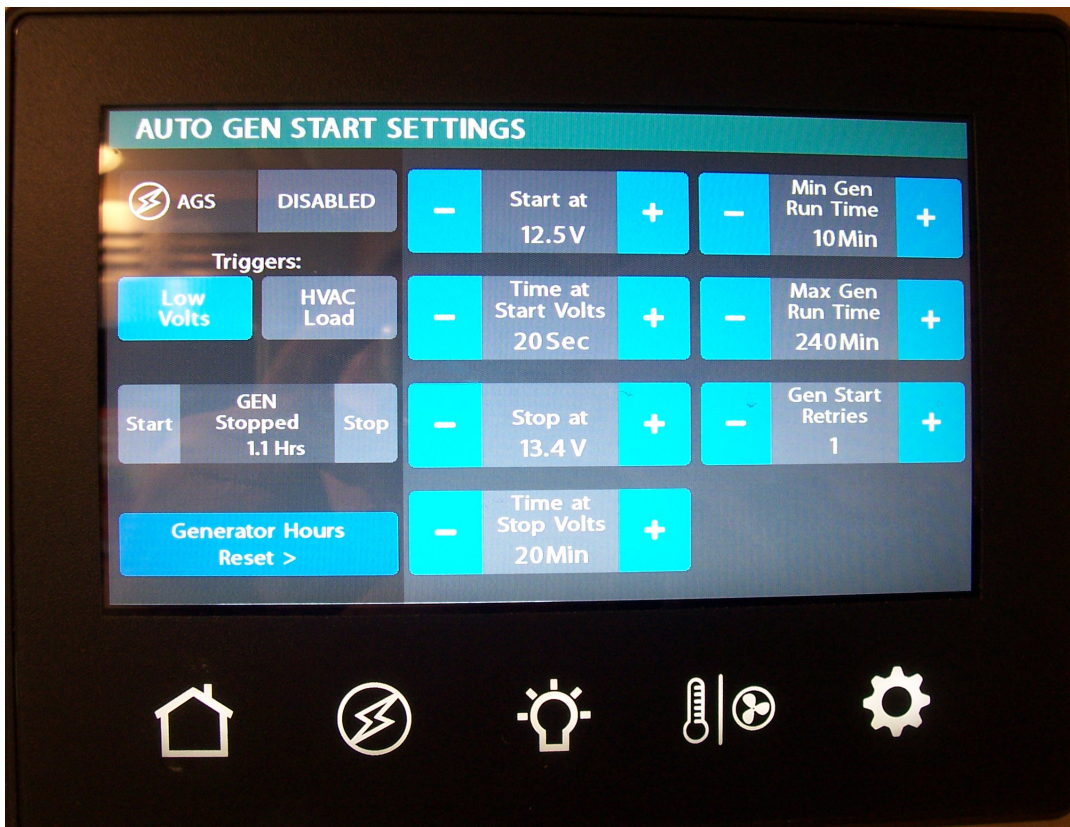
Mid-coach remote pane - varies by model.



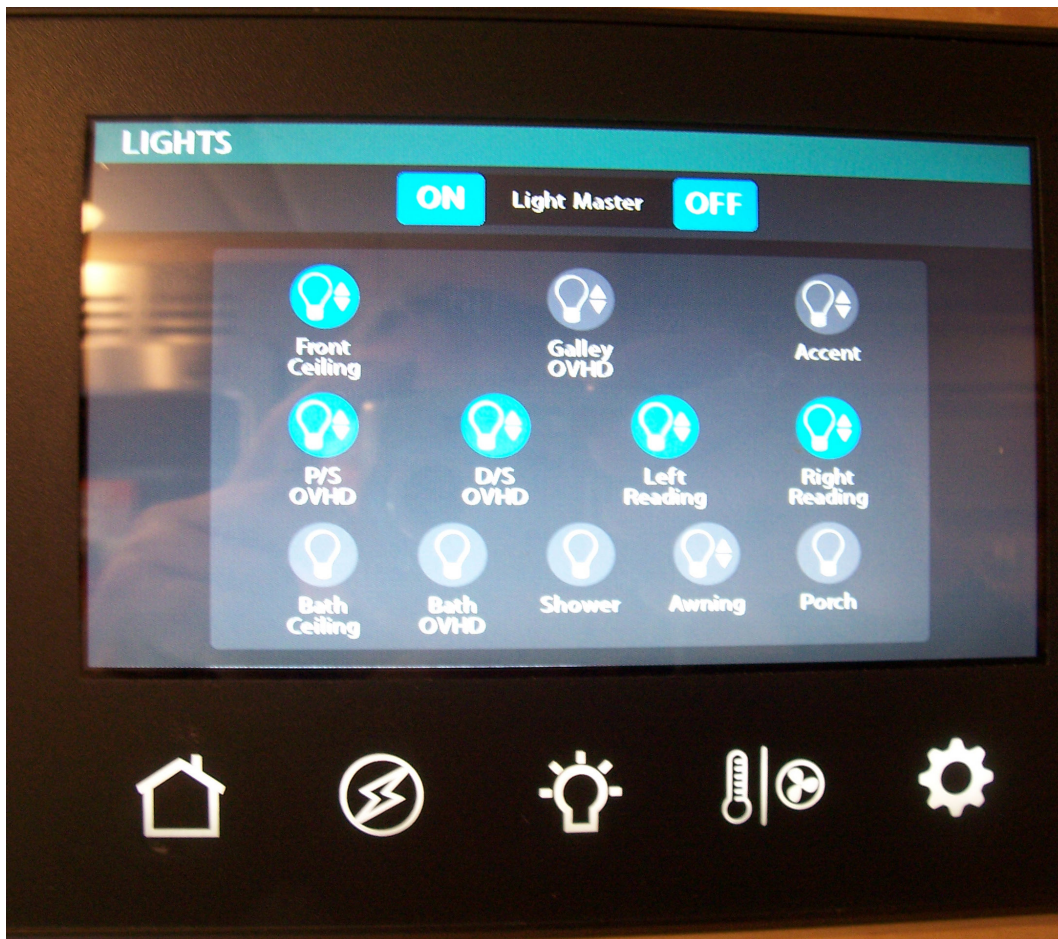
Bathroom remote panel - varies by model.



HOME SCREEN



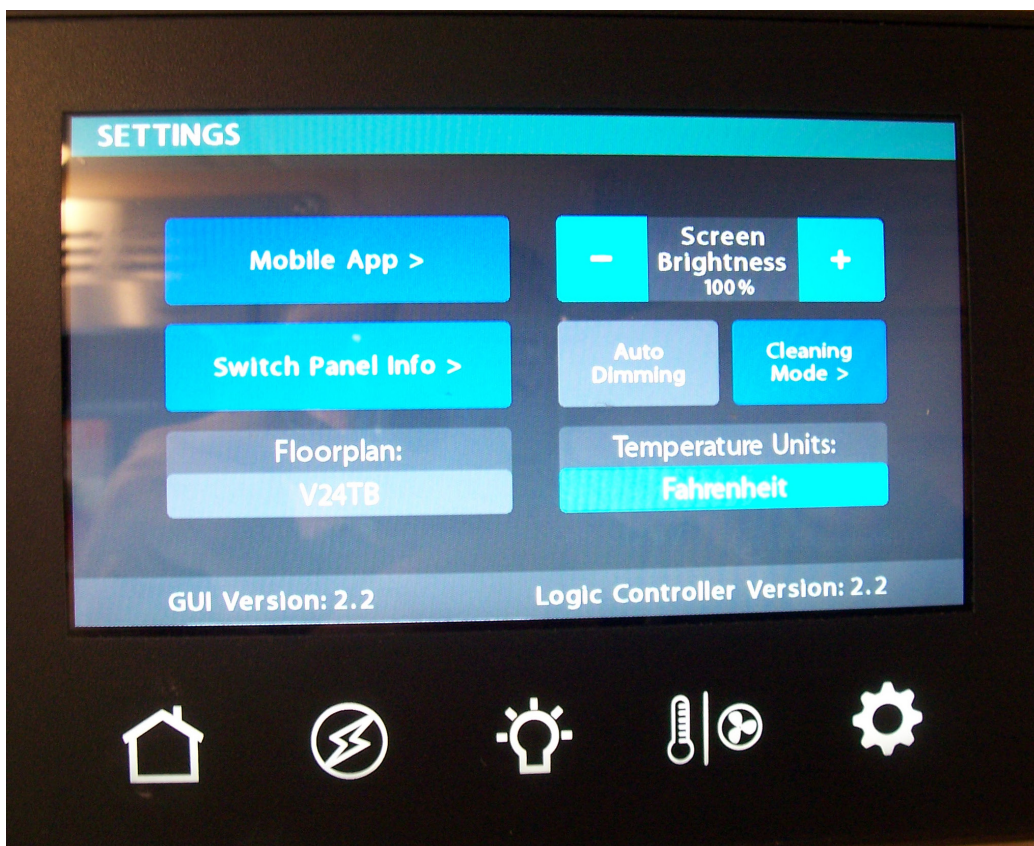
AUTO GEN START SETTINGS SCREEN



LIGHTS SCREEN



CLIMATE CONTROL SCREEN



SETTINGS SCREEN

POWER CONVERTER

Your Coach House **PLATINUM** is equipped with a power converter that supplies the motorhome with 110 volts AC (Alternating Current) and 12 volts DC (Direct Current). The source of power can be from the:

- 1) Auxiliary “House” 12 volt batteries
- 2) 110 volt external power cord (Shore Power)
- 3) Generator

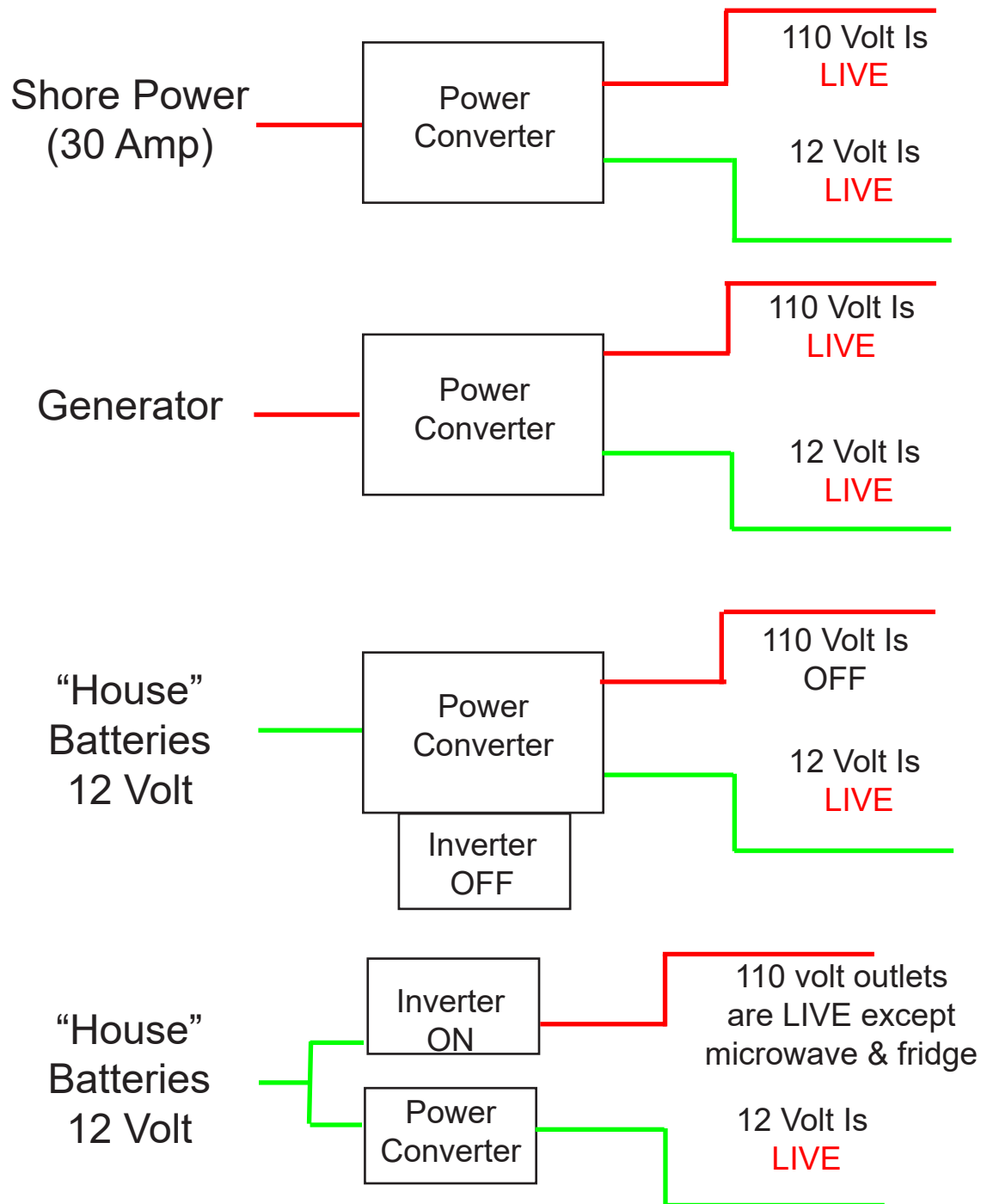
Power Converter Location:

<u>MODEL #</u>	<u>Location</u>
220	Driver’s Side Under Twin Bed
261 XL	Passenger’s Side Under Dry Storage Cabinet
261 XL (Twin Bed)	Driver’s Side Under Twin Bed
261 XL (Sleeper Sofa)	Passenger’s Side Under Dry Storage Cabinet
271 XL	Driver’s Side Under Twin Bed
272 XL	Driver’s Side (In the Bedroom under Drawers)



The converter is equipped with an automatic switchover relay to prevent both the generator and the external power cord from being connected to the converter at the same time. When either the external power cord or the generator is being used, both the 110 volt AC system and the 12 volt DC system will be activated inside the motorhome. When neither of these is connected, the 12 volt auxiliary batteries will activate only the 12 volt DC system.

A separate 1000 Watt Inverter will power the electronics using only the “House” Batteries. See INVERTER page 3-15





CAUTION

Whenever working on the electrical system, the system or circuit being worked on should be deactivated by disconnecting the power and/or throwing the main circuit breaker and safe procedures should be followed to prevent electrical shock. Any modifications made to the system should only be done by a professional to assure compliance with the codes and to assure safe installation practices.

CIRCUIT BREAKER & FUSES

The converter door can be opened with a “push” touch and the circuit breakers and fuses can be located. The 110 volt AC breakers are located on the right with the first breaker on the left being the MAIN POWER, and the remaining breakers for the circuits as labeled on the door.

The 12 volt DC fuses are the automotive push in type links and are located on the left side. The top two breakers are for system use, and do not feed the motorhome. The 12 volt DC circuits are labeled on the door.

There is an auxiliary 12 volt fuse panel located above the driver’s side seat in a compartment behind a smoked plexiglass door.

Diagrams of the Fuse Panels for your model are located on the next two pages.

MAIN FUSE PANEL



PLATINUM MODELS W/FIREFLY

110 Volt System Breakers



<u>30</u> Amp	<u>20</u> Amp	<u>15</u> Amp	<u>20</u> Amp	<u>15</u> Amp	<u>20</u> Amp	<u>15</u> Amp	<u>15</u> Amp
------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

Main Power

Microwave

Water Heater

Power Inverter

Converter Box (12 Volt)

Air Conditioner

Refrigerator

A.C Power Sensor

<u>30</u>	<u>Refrigerator</u>
	<u>Blank</u>
	<u>Blank</u>
<u>10</u>	<u>12 volt Lights</u>
	<u>Blank</u>
<u>10</u>	<u>Furnace</u>
<u>10</u>	<u>T.V.</u>
<u>20</u>	<u>Accessories and Tank Heaters</u>
<u>10</u>	<u>Vent Fans</u>
<u>3</u>	<u>L.P. Common</u>
<u>5</u>	<u>L.P. Tank Solenoid</u>
<u>10</u>	<u>Drop Tap</u> <u>Firefly</u>

AUXILIARY FUSE PANEL (ABOVE DRIVER'S SEAT)

Fuses Behind Panel (FORD)

Circuit	Amps	Device
1	Blank	Blank
2	5	TV Wall Plate
3	Blank	Blank
4	7.5	Satellite (Optional)
5	15	Engine Assist Solenoid (Hot Water Heater)
6	10	CO & LP Detectors

80 AMP BREAKER

Your Coach House **PLATINUM** has an electrical system circuit breaker to prevent damage to your electrical system. The 80 Amp breaker will 'trip' if an overload situation occurs. Push in the red button to reset the breaker.

80 Amp Breaker Locations

<u>Model #</u>	<u>Location</u>
220	Side of Galley Cabinet as you enter motorhome (on left)
261 XL (Twin Bed)	Side of Galley Cabinet as you enter motorhome (on left)
261 XL (Sleeper Sofa)	Under the Dinette Seat (Front)
271 XL	On the end of the Galley Cabinet
272 XL	On the end of the Galley Cabinet

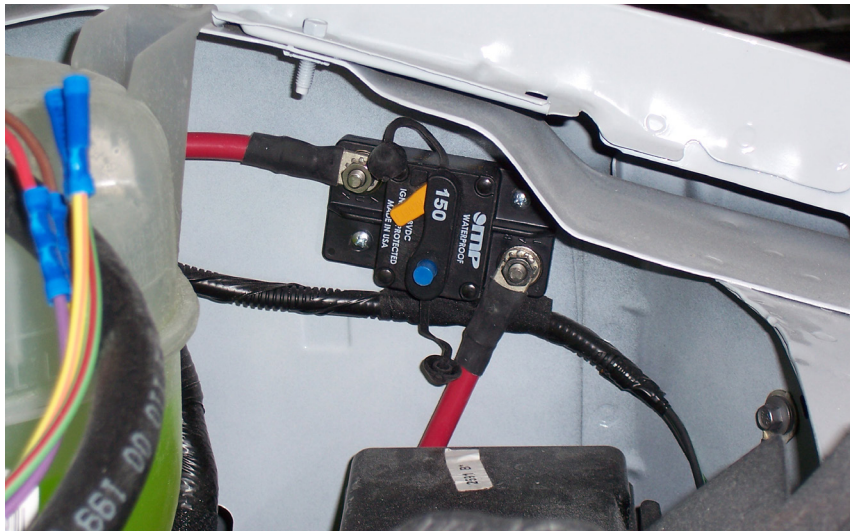


150 AMP BREAKERS

There are also 3- 150 amp breakers located on the side wall under the hood on the driver's side and under the coach behind and to the right of the battery box.

These breakers protect the electrical system from "backfeed" between the chassis and "house" batteries. It is rare that these breakers would trip, but in the case of a total power failure to your unit, this would be a possible safeguard which might have tripped. Push in the red button to reset the breaker.

**UNDER HOOD LOCATION -
DRIVER'S SIDE**



**BATTERY BOX LOCATION -
RIGHT SIDE OF BATTERY BOX**



**FRAME RAIL LOCATION -
ON FRAME RAIL BEHIND
HYDRAULIC RESERVOIR**



AUXILLIARY START OVER-RIDE

In the event that your engine battery does not have the power to start your motorhome, your **PLATINUM** is equipped with an Auxilliary Start Over-Ride Switch which will “tie” the house batteries to the engine battery to give an extra “boost” of power to start your motorhome engine.

Push the red switch and HOLD IT DOWN while starting your vehicle with the key.

The Over-Ride Switch is located on the dash panel just above your left knee when sitting in the driver’s seat.



POWER INVERTER

The Xantrex 1200 Watt Freedom X Pure Sine Wave Inverter has been installed in your Coach House **PLATINUM** motorhome as standard equipment. The status panel for the inverter is located next to the 12 volt converter box (usually under the bed platform).

xantrex[™]
Smart choice for power[™]

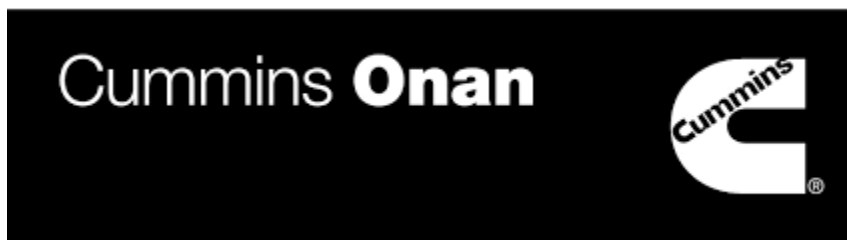


The inverter will supply 110 volt power to the electronic components (Television, DVD player, optional satellite receivers and the electrical outlets when you are not hooked up to shore power or running the generator. These devices will drain your “house” batteries if in use for an extended period of time.

xantrex

Smart Choice for Power

GENERATOR



All FORD E-450 Chassis models are equipped with a:

4.0 KW ONAN (Gasoline) Microquiet Generator

Ford Chassis Generators feed directly from your fuel tank. No special fuel fill is needed to power your generator.

Safety Note:

Cummins Generators will not operate if your gasoline fuel tank is less than 1/4 full. This feature will ensure that your vehicle has sufficient reserve fuel available for driving.

The instruction manual supplied with the generator should be carefully reviewed. Care should be taken not to exceed the capacity of the generator to prevent any possible damage to the generator unit.

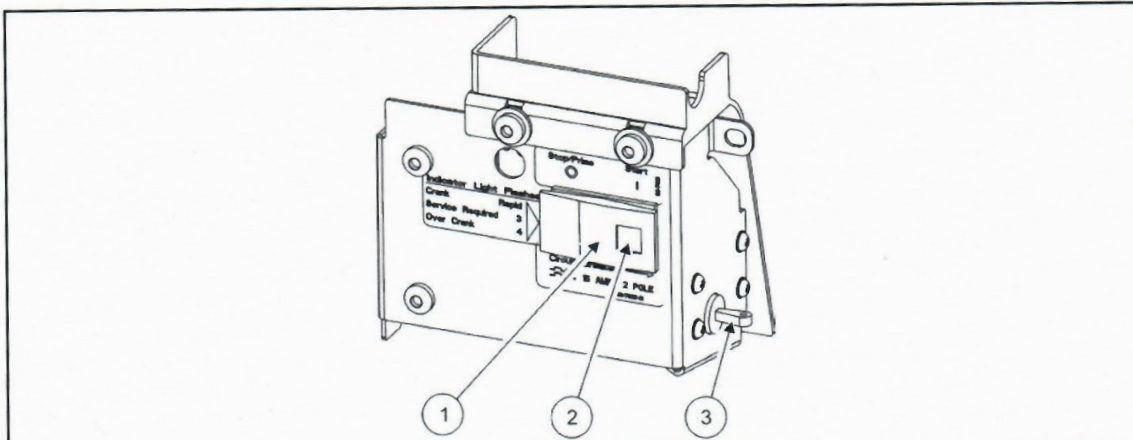
NOTE: The generator is generally operated from inside the motorhome using the Firefly Control System. Refer to the Firefly Control Panel instructions for detailed information.

If necessary, the generator can also be operated at the generator itself. Refer to the diagram on the next page.

NOTE: There is a 40 amp breaker located on the side of the generator cover to protect the generator from an overload. If there is a power outage, be sure to check this breaker, resolve any problems and reset.

GENERATOR CONT'D

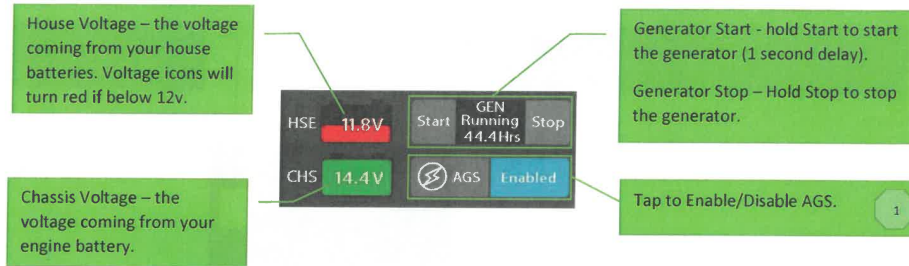
4.2.1 Generator Set Control Panel



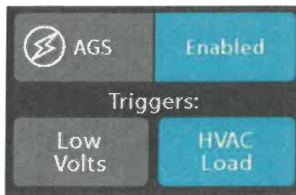
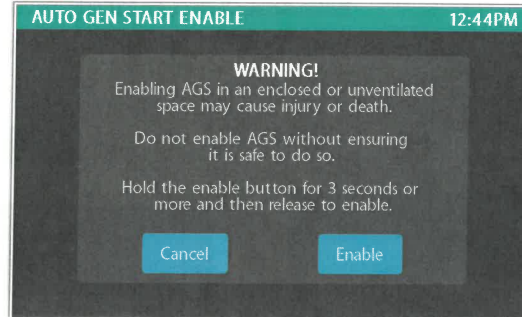
No	Name	Description
1	Control Switch	Used to start and stop the generator set, and to prime the engine fuel system. Hold the switch in its START position to crank and start the generator set. Press the switch to the STOP position to stop the generator set. Hold the switch in its STOP/PRIME position to prime the fuel system (gasoline models only).
2	Status Indicator	LED in the control switch that blinks rapidly during cranking. Stays on continuously after generator set is running. If the generator set shuts down abnormally, the indicator blinks a numerical code to indicate the cause of the shutdown (see Chapter 6 on page 49).
3	Line Circuit Breaker	Protects the AC power leads connected to the generator set from overloads and equipment short circuits.

GENERATOR SET CONTROL PANEL

AUTOMATIC GENERATOR START



1 AGS WARNING – to ensure safety, AGS will not be activated until you hold the Enable button (from the Warning screen) for at least 3 seconds.

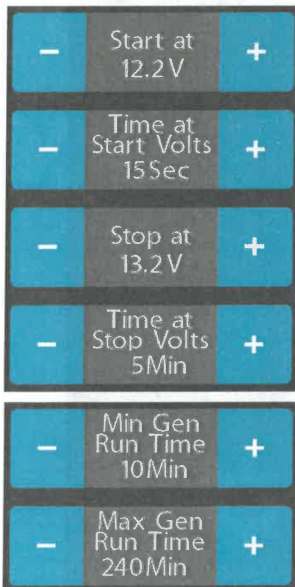


Tap to Enable/Disable AGS (as described on page 5).

Trigger Options – Automatically start the generator using specified voltage settings (Low Volts) or when A/C or Heat Pump start (HVAC). Select one or both triggers. If no triggers are selected, AGS will not run. Disable HVAC Load while connected to shore power to keep the generator from starting.



Generator – Press and hold Start to start the generator. Press Stop to stop the generator. The system will display how many hours the generator has been used. These hours are saved to the system, not the generator itself.



Start at Volts - The generator will start when the voltage drops to this set point depending on "Time at Volts" setting below. (Range 10.5v – 12.5v)

Time at Volts - The generator will start when the voltage drops to the Start at Voltage for this specific amount of time. (Range 5 seconds – 1 minute)

Stop at Volts - The generator will shut off when the voltage reaches this set point depending on "Time at Stop Volts" setting below. (Range 13.2v – 14.5v)

Time at Stop Volts - The amount of time required for the voltage to remain at "Stop at Volts" level before the generator shuts off. (Range 5min – 120min)

Minimum Gen Run Time - Use the + and – keys to set the minimum amount of time that your generator will run once it has started. (Range 10min – 30min)

Maximum Gen Run Time - Use the + and – keys to set the maximum amount of time that your generator will run once it has started. (Range 120min – 240min)

AUXILIARY “HOUSE” BATTERIES



Auxiliary batteries are mounted on a slide-out tray next to the entry door for easy access.



“Lifeline” GPL-4CT

Two - 6 Volt Batteries Wired in Series

Rated 242 Amp Hours



AUXILIARY “HOUSE” BATTERIES

CONT'D

The auxiliary batteries are charged either by:

- 1) The *Alternator* of the motor home while driving
- 2) The *Power Converter* when external 120 Volt AC power is connected
- 3) The *Generator*

Care should be taken to prevent the auxiliary batteries from being totally discharged by making sure that all of the lights, fans, and appliances are turned off when the motor home is not in use. Whenever the motor home is not used for a period of time, the 120 Volt power cord should be plugged in once a month for 8 to 12 hours to bring up the charge on the auxiliary batteries. The master 12 Volt electrical switch (found to the right immediately upon entering the main motor home door) must be ON for the converter charger to charge the auxiliary batteries. Refer to the power center instruction sheet for further information. A totally discharged battery will not normally recharge as quickly, or in the same manner as a low battery. Professional help should be used when attempting to charge a totally discharged battery.

The engine (chassis) battery of the motor home is also charged from the power converter. The engine battery should be periodically checked and maintained. Refer to the Chassis Owners Manual for recommended engine battery maintenance.

MAINTENANCE OF BATTERIES

Batteries have a “life” which is determined by the number of charging/discharging “cycles”. When your system is not in use, proper care should be taken to extend the battery life by following simple procedures:

Short Term Storage:

- 1) Turn off the Interior Battery Switch (located inside the Motorhome Entry Door to the right).
- 2) Ensure that all current drains have been eliminated. (Turn off all appliances)

Long Term Storage:

- 1) Turn off the Interior Battery Switch (located inside the Motorhome Entry Door to the right).
- 2) Disconnect the “House” Batteries by removing the Main “Positive” (red) cable(s).



Note: Do not disconnect the short red cables between your batteries. Only disconnect the “long” red cable(s) which feed your motorhome.

- 3) Connect a Battery Maintenance Device (Charging System) to your “House” Battery Bank. Chargers and Maintenance Devices are readily available at Auto Parts Stores, RV Dealers, or your local Hardware Store.

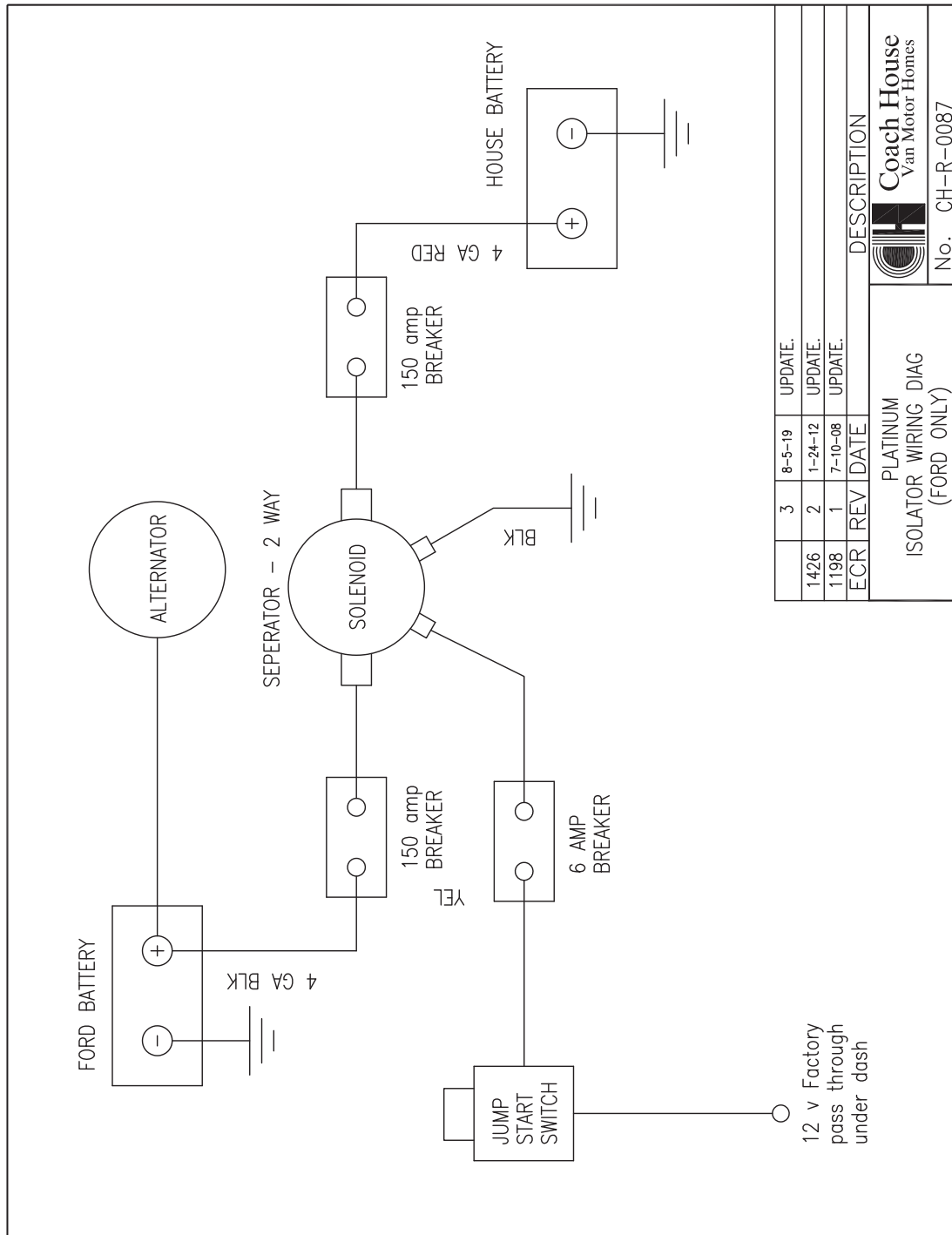
Engine Battery Maintenance:

Please refer to your Chassis Owner’s Manual to correctly maintain your engine battery.

FORD E-450 BATTERY

SEPARATOR

FORD E-450 Chassis are fitted with an automatic Battery Separator which electronically senses the condition of your battery system. The Separator will control the charging of your “house” and engine batteries automatically assuming the batteries are able to receive a charge. (You need to check your batteries on a regular basis to ascertain their viability).



GFCI RECEPTACLES

A GFCI receptacle is different from conventional receptacles. In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury. All Coach House **PLATINUM** models have GFCI receptacles the bathroom. See the GFCI manual for more information.

GFCI Outlet

NOTE: Exact location varies by floorplan.



How to test your GFCI Outlet:

Step 1: Plug a lamp into the GFCI.

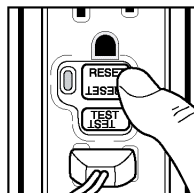
Step 2: Turn on the lamp.

Step 3: Push the TEST button on the GFCI. The GFCI should trip, stopping the flow of electricity to the lamp. Note that the RESET button will pop-out.



If the lamp DOESN'T turn off when the TEST button is pushed, the GFCI is not working properly and should be replaced immediately.

If the lamp DOES turn off when the TEST button is pushed, the GFCI is working properly and should be tested monthly. To restore power, press the RESET button.



If the power is not restored when the RESET button is pushed, the GFCI is not working properly and should be replaced immediately.

What is a GFCI Outlet?

A Ground Fault Circuit Interrupter (GFCI) Outlet protects you from serious injury due to electrical shock from:

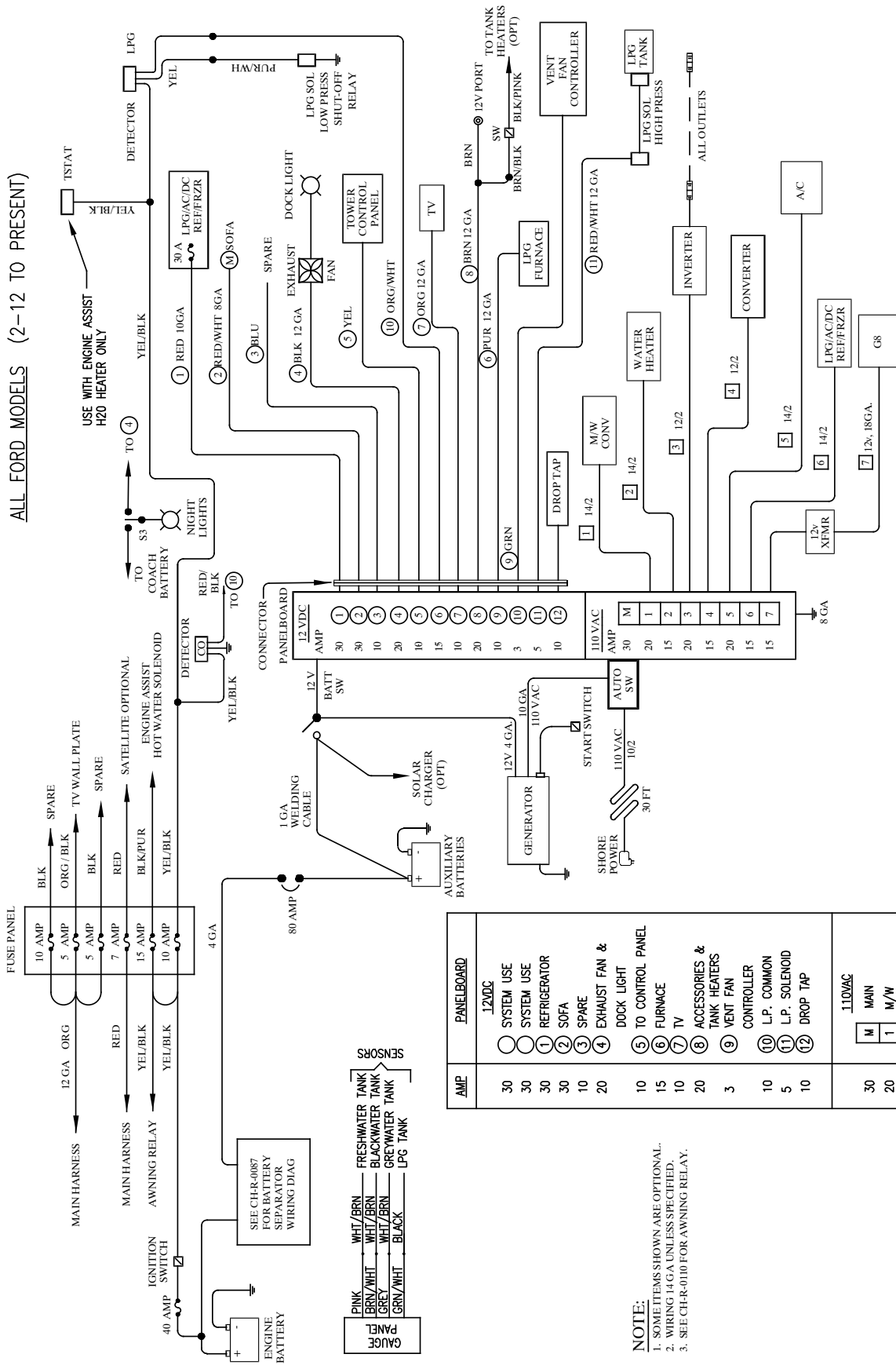
- Hazardous leakage levels from appliances and tools
- Exposure to moisture while operating electrical equipment
- Frayed or damaged electrical wiring

Where are your GFCIs located?

GFCI protection is required per the *National Electrical Code®* (NEC) for outlets servicing bathrooms, kitchen countertops, unfinished basements, garages, utility sinks, and outdoor locations.


WIRING DIAGRAM

ALL FORD MODELS (2-12 TO PRESENT)



NOTE:

1. SOME ITEMS SHOWN ARE OPTIONAL.
2. WIRING 14 GA UNLESS SPECIFIED.
3. SEE CH-R-0110 FOR AWNING RELAY.

1764	25	8-10-18	2ND UPDATE FOR FIREFLY.
ECR	REV	DATE	DESCRIPTION
PLATINUM 110VAC & 12VDC WIRING DIAGRAM (FOR FIREFLY)			 Coach House Motor Homes
			No. EL108

SHEET 1 OF 3

SHEET NO.	1	2	3
REVISION	25	24	25

PLATINUM[®]

OWNER'S MANUAL

SECTION 4

L.P.G.- LIQUID PETROLEUM GAS SYSTEMS

Section 4 - L.P.G. System:

L.P.G. Tank (Ford Models)	4-3
L.P.G. Regulator	4-4
Regulator Freeze Up	4-3
Mandatory Consumer Information	4-4

L.P.G. TANK (FORD E-450)



WARNING

This propane piping system is designed for use with propane only. Do not connect natural gas to this system.

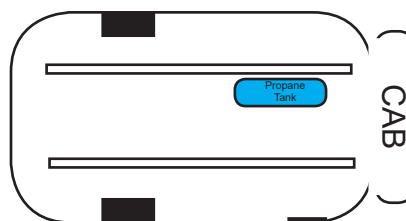
Securely cap inlet when not connected for use.

After turning on propane, except after normal cylinder replacement, test propane piping and connections to appliances for leakage with soapy water or bubble solution.

Do not use products that contain ammonia or chlorine to test for leaks. May lead to a fire or explosion, which could result in death or serious injury.

Platinum (Ford E-450)

The L.P.G. storage tank on the Coach House is located on the driver's side, inboard of the frame on all Ford powered models. Only experienced personnel should fill the tank.



There is a remote fill port located behind the side entrance door on the passenger side of the motor home.



EMERGENCY SHUT OFF:
Push in when filling to
prevent flow of propane to
coach.

Can also be used in case
of propane leak inside
coach.

There is a remote fill switch located below the remote fill port. Push the remote fill switch handle in for filling only, and pull out for normal operation.

The remote fill switch requires constant power while pulled to the “out” (on) position.

While your vehicle is stored it is recommended to push the remote fill switch “in” (to the off position) so the auxiliary batteries will not be drained. The switch is designed to meet safety requirements which state that the power must be off when filling the tank.



WARNING

Turn off all LPG appliances and exit the vehicle when filling the tank



WARNING

These instructions are provided as a general guideline only. Your L.P. Gas Tank should only be filled by a qualified Propane Salesperson. Injury or death could occur if safety precautions are not followed.

L.P.G. REGULATOR

The L.P.G. system uses a two-stage regulator manufactured by Fairview Fittings to control the pressure to the L.P.G. appliances to assure the proper functioning and safe operation of the appliances. The regulator is located under the floor of the motor home near the L.P.G. storage tank and is enclosed in a protective shield to prevent damage to the regulator or clogging of the vent. If the motor home is driven through heavy snow or mud, the vent opening should be checked to make sure that it is not clogged by snow, mud or ice. An opening in the bottom of the shelf allows access to the vent.

REGULATOR FREEZE UP

Under some conditions, moisture may be present in the L.P. gas in your tank and this can cause the regulator to freeze up, stopping flow to the appliances. This condition occurs more frequently in cold weather or at higher altitudes and usually can be cured or prevented by having methanol injected into the L.P. G. tank. Only experienced, qualified personnel should do this. Some L.P.G. stations especially at higher altitudes, will already have methanol in the L.P. gas they dispense. It is suggested that if you plan to go to a colder climate or a higher altitude, that you wait until you reach those areas before completely filling your tank. The small cost difference is well worth it to reduce the risk of freeze up.

MANDATORY CONSUMER INFORMATION

The following information is being supplied to conform with the mandates of:

ANSI A119.2 / NFPA 501C-1987

and to ensure the greatest possible degree of safety for our customers. Please study this information carefully and keep it in your vehicle at all times.

Should this information be misplaced, additional copies are available from our corporate office for a nominal charge.



WARNING

L.P. Gas containers shall not be placed or stored inside the vehicle.

L.P. Gas containers are equipped with safety devices which relieve excessive pressure by discharging gas to the atmosphere.



WARNING

It is not safe to use cooking appliances for comfort heating!
Cooking appliances need fresh air for safe operation.

Before operation:

1. Open overhead vent or turn on exhaust fan.
2. Open window.

This warning label has been located in the cooking area to remind you to provide an adequate supply of fresh air for combustion. Unlike homes, the amount of oxygen supply is limited to the size of the recreational vehicle, and proper ventilation when using the cooking appliance(s) will avoid danger. Cooking appliances should not be used for comfort heating as danger of asphyxiation is greater when appliance is used for long periods of time.



A warning label has been located near the L.P. Gas container. This label reads:



DANGER

All pilot lights, appliances and their ignitors (see operating instructions) shall be turned off before refueling of motor fuel tanks and/or propane containers.
Can cause ignition of flammable vapors, which can lead to a fire or explosion and result in death or serious injury.



WARNING

Do not fill propane container(s) to more than 80 percent of capacity. A properly filled container contains approximately 80 percent of its volume as liquid propane.
Overfilling the propane container(s) can result in uncontrolled propane flow which could lead to a fire or explosion and result in death or serious injury.



WARNING

This propane piping system is designed for use with propane only. Do not connect natural gas to this system. Securely cap inlet when not connected for use. After turning on propane, except after normal cylinder replacement, test propane piping and connections to appliances for leakage with soapy water or bubble solution. Do not use products that contain ammonia or chlorine to test for leaks. This can lead to a fire or explosion, which could result in death or serious injury.



DANGER

Never use an open flame to test for leaks.
Never fill LP Gas tank when either the engine or generator is running.
Keep all protective covers and caps in place.



DANGER

Never carry LP gas or any other flammable liquid containers inside the living or driving areas of your motorhome. Gases may inadvertently be discharged into the confined space which could result in fire, asphyxiation, or explosion.



WARNING

Never overfill the LP Gas tank. Make sure your motorhome is level when filling the tank. Make sure all pilot lights are off before refueling any of the fuel tanks on your motorhome. Do not smoke or have any open flame in the area where refueling is taking place. Use a soap and water solution to test for leaks in the LP gas system.



WARNING

Remind the service attendant to use the 80% overflow valve when refueling. Space must be left in the tank for vaporization and expansion to occur.



NOTICE

In some jurisdictions it is illegal to transport LP Gas on certain roads or through tunnels. Check state or local regulations to make sure your trip will not be halted or impeded unexpectedly as a result of transporting LP Gas.



WARNING

If you smell gas, immediately follow these steps:

1. Extinguish open flames, pilot lights and all smoking material.
2. Do not touch any electrical switches.
3. Shut off LP Gas tank valve.
4. Open doors, windows, and roof vents after making sure the roof vent fans are "OFF".
5. Leave the motorhome and its immediate vicinity until odor is gone.
6. Have a qualified service technician check the system for leaks and make any necessary corrections and repairs.

NOTE: Do NOT remove label.

PLATINUM[®]

OWNER'S MANUAL

SECTION 5

HVAC & PLUMBING SYSTEMS

Section 5 - HVAC & Plumbing

Furnace	5-2
Air Conditioner	5-3
Fan-Tastic Roof Vent Fan	5-4
Ventline Bathroom Roof Vent	5-4
Water Pump/Gravity Fill	5-5
Water Heater	5-6
Outside Shower Assembly	5-7
Sanitizing the Potable Water System	5-8
How to Winterize	5-9
RV Toilet	5-11
Black & Gray Water Holding Tanks	5-12
Black Water Holding Tank Flush System	5-13
Heated Holding Tanks	5-14

FURNACE (L.P.G.)

Refer to the following chart for the location of your Furnace:

<u>Model</u>	<u>Placement</u>
220	Under the Galley
261 XL (Twin Bed)	Under the Galley
261 XL (Sleeper Sofa)	Under the Dinette
271 XL	Under the Lounge Chair
272 XL	Under the Lounge Chair

The furnace is controlled by the Firefly Control Panel which also controls the air conditioning system. The furnace blower and automatic ignition are powered by the 12 volt DC system. The manufacturers operating instructions, contained in the Instruction Kit at the end of this manual, should be reviewed before using the furnace. As with all L.P. Gas appliances, all precautionary notes and labels should be carefully reviewed for maximum safety and comfort. (See Section 4)



See owners booklet in the Information Kit in the back of this Owners Manual.

NOTE: Be sure to set the fan on the AC to “AUTO” when running the furnace otherwise the AC fan will run.

AIR CONDITIONER HEAT PUMP

The air conditioner/heat pump for your Coach House PLATINUM is manufactured specifically for RV use and is located in the center of the motor home on the roof with outlets in the ceiling. The AC/Heat Pump is controlled by the Firefly Control Center.

The air conditioner operates on the 120 volt A/C system and will operate only when the external power cord is connected to a power source or when the generator is operating.



See owners booklet in the Information Kit in the back of this Owners Manual.

FAN-TASTIC ROOF VENT FAN

There are two (2) Fan-Tastic Vent roof fans in your Platinum Motorhome. One is located towards the front near the gallery, and one is located towards the rear near the bathroom. (Exact locations will vary by floor plan)

The roof vent fans are located in the ceiling and are operated by the Firefly Control Panel. Cranking up the fan covers is also controlled by the Firefly Control Panel, but can be done manually if necessary. The 12-volt DC system powers the fans. The fans have an automatic rain sensor.

Coach House does not use Fan-Tastic Vents with the 'Reverse' feature. For your safety, this eliminates the unlikely event that noxious fumes could permeate your motorhome while unattended, or while you are sleeping. Please disregard any reference to the 'Reverse' feature in literature from Fan-Tastic Vents.



VENTLINE VANAIR

BATHROOM ROOF VENT

NOTE: Not all floor plans have this fan.



Ventline Vanair Trailer Roof Vent w/ 12V Fan VP-543SP

Rounded, plastic vent cover opens and closes with a simple push on the handle.

WATER PUMP/GRAVITY FILL

Location: The water pump is located in the bed base on the passenger's side.

When parked where a city or R.V. park water supply is available, the motor home should be connected by using a hose connected to the city water connection. The water pump should not be used when the motor home is connected to city water. The Coach House has a potable water tank with a 12-volt DC demand pump connected to the system. The demand pump is controlled by the Firefly Control Panel. The pump should only be turned on when water is needed from the potable holding tank. Do NOT operate the pump dry or when there is no water in the potable water tank.



Drain valves are supplied on the potable water tank and in the water system near the pump to allow draining the system to prevent freezing.

NOTE: The water pump has a filter located on its side and must be checked and cleaned occasionally.

NOTE: When winterizing, the pump must be drained.

The potable water fill is located on the side of the motor home behind the labeled door. The potable water tank can also be filled from city water pressure. Open a valve to fill fresh (potable) water tank - turn off when tank is full. The location of the valve (on all models) is inside exterior door - drivers side behind rear wheel.



WATER HEATER



Ford E-450 models are equipped with a 120 volt a/c electric / motor aid water heater. The motor aid will automatically heat water when you drive the motor home. The radiator system of the engine helps to heat the water. The 120 volt electric heater can be used while the motor home is parked and hooked up to shore power, or the generator is running.

Remember to only operate the water heater with water in the system.

A lighted rocker switch is used to turn the water heater ON and OFF.



Warranty Information:

Whale Customer Service
2 Enterprise Road
Bangor
Co. Down
BT19 7TA
Northern Ireland
+44(0)345 9090 911
info@whalepumps.com

OUTSIDE SHOWER ASSEMBLY

Coach House Motorhomes come with an outside shower assembly which provides hot and cold running water for outdoor applications.

Specifications:

- Designed for use in a pressure regulated, portable water system with a maximum operating pressure of 40 psi.
- Maximum flow rate with the faucets fully opened - 2/5 GPM.
- DO NOT ALLOW TO FREEZE. (Do not overlook when winterizing)
- Do not connect directly to a high pressure residential water supply.



SANITIZING THE POTABLE WATER SYSTEM



Potable water only. Sanitize, flush, and drain water tank before using. See below for instructions, care, and maintenance information. Failure to maintain tank may result in death or serious injury.

To assure complete sanitation of your potable water system, the following procedures are recommended for a new system, or for one that has not been used for a period of time, and for one which may have become contaminated.

- 1) Prepare a chlorine solution using one (1) gallon of water and one-quarter (1/4) cup of household bleach (2% sodium hypochlorite solution). With tank empty pour two (2) gallon of solution into the tank.
- 2) Complete filling of tank with fresh water. Operate all faucets to release trapped air. Pressurize the entire system with a pump, if available, and turn off pump.
- 3) Allow to stand for three (3) hours.
- 4) Drain and flush with fresh potable water.
- 5) To remove excessive chlorine taste or odor, which may remain, prepare a solution of one (1) quart vinegar to five (5) gallons of water and pour into tank. Allow solution to agitate in tank by vehicle motion (several days if possible)
- 6) Drain tank and flush with fresh potable water.

HOW TO WINTERIZE

Blow Dry Method

- 1) Empty and thoroughly rinse both the black and gray waste holding tanks at a sanitary dump station.
- 2) Drain the fresh water tank. The fresh water tank drain is accessible inside an access panel located on the driver side behind the wheel well
- 3) Drain all water lines. Drain valves are located behind a hinged panel on the rear of the driver's side of motor home. Be sure to drain shower, toilet and all faucets. If a water purifier or filter is in line, remove the cartridge. Close all faucets.
- 4) Install an R.V. "Blow Out Plug" on your city water inlet. These plugs are inexpensive and are available at R.V. Parts stores or Home Improvement stores (Lowe's, Home Depot)



R.V. Blow Out Plug

- 5) Set your air compressor to 30 psi, and start blowing air into the water inlet. While your compressor is blowing air into your water lines, walk around your RV and open up water valves, one at a time, to blow the water out from the lines. When the water has been blown out then close the valve and move on to the next water opening. Remember to flush the toilet. Don't forget the shower head and the outside shower if you have one. Don't forget to open up both the hot water line and the cold water line. Once you have done each and every fixture in the rig, you should have most of the water out of your freshwater system. Remove the air source and bleed off any remaining pressure by opening a faucet.
- 6) At this point, your RV has been winterized.

RV Antifreeze method

If you wish to absolutely make sure your water lines are protected you can perform the following. The reason for putting antifreeze through your lines is in case any water

HOW TO WINTERIZE (CON'T)

collects at low levels of your water lines and freezes. This could be enough to rupture a line. Putting RV antifreeze through your lines will eliminate this from being an issue.

NOTE: Be sure to use RV Antifreeze. NOT automotive radiator antifreeze.

1) Your water heater is equipped with a bypass valve. Drain the water from the water heater and set the valves for the “bypass” position.



1) Pour 2-3 Gallons of RV antifreeze in the City Water Fill inlet which is located on the passenger side of your motorhome.

2) Turn on the R.V. water pump which will pull the antifreeze out of the fresh water tank and into the system. Open each fixture, allowing it to flow until you see pure antifreeze. Monitor the level in the antifreeze bottle and make sure it doesn't run dry. Remember to flush the toilet and operate the toilet sprayer if installed. Don't forget the shower head and the outside shower if you have one. Once you have done each and every fixture in the rig, you should have protection against freezing pipes in your water system.

3) Once you have the RV parked in it's final storage spot for the winter, pour some RV antifreeze down each drain to protect the trap. Open the toilet flush valve and allow about one quart (4 cups) of antifreeze to flow into the black water tank. Close the toilet flush valve and pour a little antifreeze into the toilet bowl. Pour about one quart (4 cups) down the shower drain to flow into the grey water tank.

4) NOTE: Your water heater has specific winterizing instructions. Refer to the manual in the INFORMATION KIT for complete instructions.

R.V. TOILET

Based on the model of your **PLATINUM** motorhome, we have installed either a gravity flush toilet, or an electronic flush TECMA macerator toilet. Both toilets are manufactured by the Thetford Corporation.

<u>Model</u>	<u>Installed Toilet</u>
220	Tecma Macerator
261 XL (Twin Bed)	Gravity Flush
261 XL (Sleeper Sofa)	Gravity Flush
271 XL	Gravity Flush
272 XL	Gravity Flush



When using the toilet, either the water demand pump should be turned on (water pump switch is on the Firefly Panel located above the lavatory sink cabinet) or the city water connection made and pressurized to assure a water supply to the toilet.

Gravity Flush

The gravity flush toilet in the Coach House is connected directly to a waste holding tank and has a water line routed to it for rinsing and flushing. There are separate levers on the side of the toilet for rinsing and flushing, and the instructions on the toilet should be followed for best results.

Tecma Macerator

The Tecma toilet is electronically flushed and has different modes for liquid or solid waste. Consult the Tecma owner's manual for instructions. This toilet has a tank sensor which prevents operation if your black water tank is full. You will need to dump your holding tanks to operate the toilet when this situation occurs.

BLACK AND GRAY WATER HOLDING TANKS

The connection for draining the holding tanks are located on the left side of the motor home. To drain the system, connect one end of an appropriate drain hose to the drain connection and the other end to a proper dump station. After the connections are made, opening the dump valve or valves can dump the system. The valves are located under the motor home on the driver's side rear and are labeled.

Dump the black water holding tank first, then dump the gray water holding tank.



NOTE:

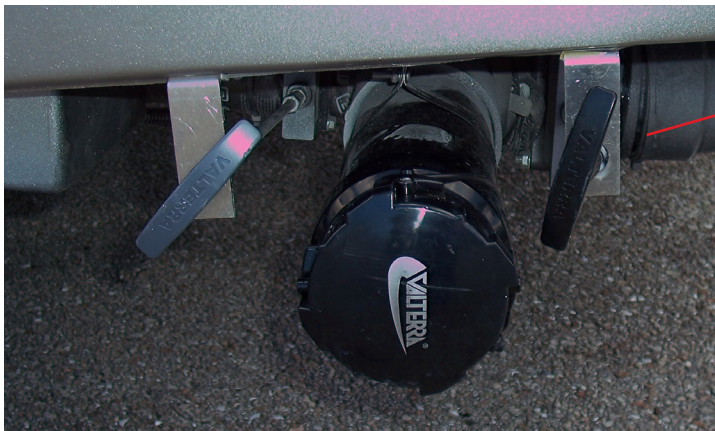
Do not leave the valve on the black water tank open when connected to a drain, The liquid will drain out leaving the solids to accumulate becoming very difficult to remove.

Do not dump the black water tank until it is over one-half full.

BLACK WATER HOLDING TANK

FLUSH SYSTEM

Drain the black water holding tank and leave valve open.



**Black Water
Drain Valve**

Attach garden hose to the water inlet (located behind the utility access door behind the drivers side rear tires, black cap). Turn on water (from outside source) to spray the interior of the black water holding tank. Continue to leave drain valve open until flushed. Turn off water, disconnect hose and close valve.

NOTE:

This panel is not the same on all models
Look for the Black
Water Hose Inlet on
your panel.



NOTE: There is a backflow preventer which prevents the black water tank from contaminating the system when flushing with a hose. The back flow preventer is located in the driver's side rear corner of the bathroom behind a small removable panel.

HEATED HOLDING TANKS

Heated Holding tanks are installed on your Coach House Platinum.

Manufactured by ULTRA HEAT INDUSTRIES, the tank heaters come in four sizes.

The larger tank heaters are equipped with a thermal sensor which will prevent the heaters from being activated unless the ambient air temperature is below 46 degrees Fahrenheit. This protection is to make sure your heaters do not come on inadvertently and “cook” the contents of your holding tanks.

ULTRA HEAT INDUSTRIES warrants tank heaters for a period of one year from the time of purchase and any failures should be reported directly to them at their factory.



See owners booklet in the Information Kit in the back of this Owners Manual.

PLATINUM[®]

OWNER'S MANUAL

SECTION 6

GALLEY SYSTEMS

Section 6 - Galley Systems:

Refrigerator (3 Way)	6-2
Convection Microwave	6-3
Two Burner Stovetop	6-4
Solid Surface Counter Tops	6-5

REFRIGERATOR (3-WAY)

The Coach House PLATINUM uses the Dometic DM2663RBFX refrigerator.

Your Dometic unit can be energized by electricity using 12 volt or 110 volt. In addition it will run on propane gas. Refer to the refrigerator instruction manual enclosed in the Instruction Kit for lighting and operation of the refrigerator.

A temperature activated fan is mounted in the compartment behind the refrigerator to prevent over heating. This fan will come on when the temperature rises to an unsafe level in the compartment and will not shut off until the temperature has been reduced back to a safe operating level.

DM2663RBFX 3-Way RV Refrigerator

More features, more style,

more space fridge

Contemporary exterior with integrated design, optional door insert panels available. Automatic locking handles and right- or left-swinging doors open a full 180 degrees. Lighted fresh food compartment with two crispers Magic Fingers shelf retainers keep bottles and containers from moving.

Efficient Operation Eye-Level Controls, includes automatic L.P. ignition Dometic's proven absorption technology 3-Way (L.P./120V AC/12V DC) operation. Climate control system saves energy, and helps prevent condensation.

- Solid Steel Frame offers rugged durability
- Travel latch
- Roomy, versatile 6 cu. ft. interior storage space
- Bright, white, and easy to clean
- Adjustable and removable shelving and door bins in refrigerator and freezer
- Standby feature keeps refrigerator operating in case of malfunction
- Defrost water drain system
- Color: Black frame
- Accepts 2 insert panels
- Superior Warranty Backed by Dometic's Protection Plus Warranty—the strongest warranty in the industry. Extended warranties may also be available. Ask your dealer for details.

Technical Data

Description	3-Way (12V DC/120V AC/L.P. Gas)
Door type	Double Door
Dimensions (HxWxD) (in)	52 21/32 x 24 7/8 x 26 1/32
Weight. (lb.)	121



CONVECTION/MICROWAVE OVEN

The microwave oven is mounted above or beside the refrigerator and only operates on the 120 volt A/C system. This oven can be used as a Convection Oven, or a Microwave oven. Refer to the manufacturers instruction manual, enclosed in this section, for operator instructions and helpful cooking hints.

Service Can be obtained at:

Collins & Company

17880 Commerce Drive

Bristol, Indiana 46507

574-848-1118



2 BURNER STOVETOP

The Dometic two burner range has an automatic ignition feature. Simply push the button to ignite the flame.

Make sure you turn off the gas flow when done cooking.



 **Dometic**



SOLID SURFACE COUNTERTOPS

Your Coach House motor home has Solid Surfaces on all counter tops. The following guidelines will help keep your Solid Surfaces in good condition for years of use.

Care and Use

Your solid surfaces countertops meet the demanding needs of today's surfacing applications. As a solid, non-porous surface, they can be maintained with minimum care to retain the original appearance. Because they can be repaired, they will still look and perform like a new installation, while other surfacing materials will often need to be replaced. With proper care your solid surfaces in your deluxe motorhome will stay looking like new.

Routine Care

Your countertops and all sinks and lavatories are finished with a matte/satin finish. Soapy water, ammonia-based cleaners or commercially available solid surface cleaners will remove most dirt and residue from this type of finish. Stubborn residue will require a little stronger cleaner. Follow the recommendations below to properly clean your solid surfaces.

Conventional Cleaning Techniques

- Washing with soap and water is usually sufficient to remove surface dirt or stains. Be sure to wipe surface completely dry.
- Ammonia based liquid cleaner (not window cleaner) may also be used. Always rinse surface thoroughly and wipe dry.
- Drying is an important step, preventing a build-up of soap film or cleaning residue, which can create the appearance of light scratches over time. In the event this occurs, apply a mild abrasive cleaner to a damp sponge or white Scotch Brite® pad and rub into the surface in a circular motion. When finished, rinse thoroughly to remove all cleaner, then wipe completely dry.
- Stubborn soap film or cleaning residue build-up is easily removed with abrasive cleanser and a white Scotch-Brite® pad or a sponge.
- For darker colors, a polish may be used to enhance the shine. For areas where there may be food contact, always use a polish formulated for food contact areas, such as Countertop Magic®. Where food contact is not a possibility, a simple furniture polish may be used. Always follow the manufacturer's instructions for using the polish and for safety concerns.

Cleaning Agents

Your countertops are unaffected by common household and commercial cleaners such as

- Powdered abrasive cleansers (like Comet®)
- Ammonia
- Strong detergents
- Oxalic acid solutions
- Dilute hydrochloric acid solutions
- Dilute trisodium phosphate solutions

Acid drain cleaners may cause surface damage and should not be used!

Cigarette Burns, Stubborn Stains

Unlike other surface materials stains or marks caused by cigarettes, alcohol, food, lipstick, hair dye, shoe polish, iodine, marking pens, etc. can be removed by using an abrasive cleanser and a green Scotch-Brite® pad.

This type of maintenance will not harm the surface, and will restore it to "like new" condition.

Repair of Damaged Surfaces

Solid surfaces can be repaired with no permanent damage. Tough to remove stains, fine scratches, and small cuts can be removed using standard repair techniques.

Professional repair:

You may wish to seek professional repair if the damage is severe.

Making your own repairs:

- To restore a matte finish - use 220 grit sandpaper followed by hard buffing with a green Scotch-Brite® pad in a circular motion.
- To restore a semi-gloss - use the 220 grit sandpaper, followed by 320 grit, followed by 400 grit. Then blend the finish in by using abrasive cleanser and a sponge or rag.
- If the damage is particularly deep, use a random orbital sander equipped with vacuum dust collection. Start with 120 grit sandpaper first, followed by 180-220 grit. After sanding, a uniform matte finish can be obtained by buffing with a green Scotch-Brite® buffing pad. For a semi-gloss, continue sanding with 320 followed by 400 grit. Then buff with a gray Scotch-Brite® pad.

The impact resistance of Corian® allows it to withstand harsh use without chipping, breaking, or cracking. However, if damaged due to extreme abuse, satisfactory repairs can often be made.

Preventing Damage

Avoid Strong Chemicals

Some chemicals are not compatible with your solid surface countertops. Avoid surface contact with:

- Strong chlorinated solvents
- Chloroform
- Ketones
- Methylene chloride (paint removers)
- Very strong acids such as concentrated sulfuric and hydrochloric acids
- Acid drain cleaners should not be used.

Surfaces exposed to these agents should be promptly flushed with water. Contact for even a short period of time can cause surface damage, spots, or staining. Follow the recommended repair procedures described above as needed to repair and/or restore the surface to its original condition. Severe damage caused by incompatible chemical contact will require professional repair.

While your solid surface countertops withstand heat better than most surface materials, do not place hot cookware directly on the surface. To avoid damage caused by excessive heat:

- Always use a trivet or hot pad under hot cookware
- Always use a trivet with minimum ¼" legs under small electrical appliances such as fryers and cookers

Your solid surface countertops can be scratched or gouged if used as a cutting or chopping surface for food preparation. Scratches can be repaired, but to avoid the problem, use of a cutting board is highly recommended.

PLATINUM[®]

OWNER'S MANUAL

SECTION 7

MISCELLANEOUS

Section 7 - Miscellaneous:

HD Television Antenna w/WiFi Booster	7-2
Automatic Entry Step	7-3
MCD American Duo Roller Shades	7-4
Dometic Awning	7-5
Illumagrip Entry Handle	7-6
Hardwood Cabinet Doors	7-7
12 Ton Bottle Jack	7-8
Mor-Ryde Suspension	7-9
Safety Plus Steering Control System	7-10
Hydraulic Room Extension	7-11
Fully Automatic Leveling System	7-12
Dometic Slide Topper	7-13
Exterior Body Care	7-16
Alcoa Aluminum Rim Care	7-17

HIGH DEFINITION TELEVISION

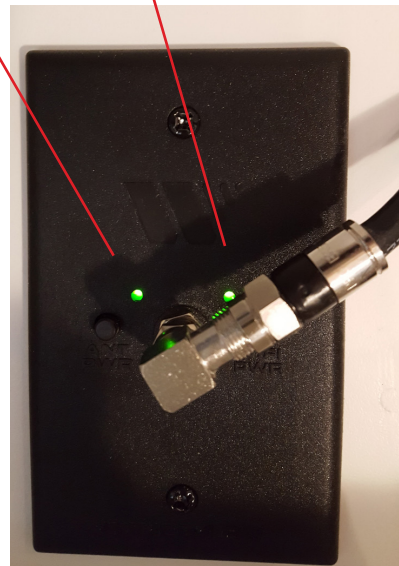
ANTENNA W/ WIFI BOOSTER

An external antenna is mounted on the roof of your motorhome. This antenna will receive and supply HD signals over the air to your television.



Push button & light on right is for WiFi booster.

Push button & light on left is for power.



The Winegard Connect 2.0+ is a combination High Definition Television Antenna and WiFi Booster.

The new Connect 2.0 is an integrated system that works together for faster speeds and increased range from WiFi sources. Keep mobile devices, media players, and computers connected to WiFi with a reliable connection and expanded coverage. The Connect 4G2 links to nationwide 4G LTE for reliable, uninterrupted, in-motion and stationary coverage while traveling and offers the capability to swap SIM cards to add to new or existing data plans from other carriers!

See your Owner's Manual for the SIM password or call 1-800-320-9992 for support.

AUTOMATIC ENTRY STEP

Kwikkee Entry Steps will automatically extend and retract when you open the main entrance door to your motorhome by means of a magnetic switch located on the door jamb. If you would like the step to stay in the “open” position when you are parked, flip the “override” switch located on the main switch panel just inside your motorhome door.

Kwikkee

Magnetic Switch



MCD AMERICAN DUO ROLLER SHADES

Your coach is equipped with MCD American Duo Roller Shades. This system allows you to use the Day Shade or the Night Time Privacy Shade. Refer to the MCD Innovations Owner's manual for care and warranty instructions.



3303 N. McDonald St.
McKinney, TX 75071
972.548.1850
800.804.1757
www.mcdinnovations.com

DOMETIC AWNING



Your Coach House Platinum has been equipped with the Dometic 9500 series legless motorized awning. Electrical power allows the unit to automatically retract using power from the “house” batteries in the event of unforeseen inclement weather.

NOTE: Clean your awning with mild soap and water only.



CAUTION

Make sure your Battery Cutoff Switch is in the ON position any time the Electric Awning is deployed'
Damage to the Awning or Motorhome may occur if power is not available in the event of inclement weather.



NOTICE

Your Dometic awning is equipped with an automatic response system. This system provides protection against adverse elements. However, no auto retract system is a guarantee against severe or destructive weather. The effects of wind and rain on an awning are unpredictable and may cause severe damage to the awning and/or vehicle. If wind or extended periods of rain are expected, roll up the awning.

ILLUMAGRIP ENTRY HANDLE

Entry Handles installed by Coach House Motorhomes are illuminated by L.E.D. bulbs which are connected to the outside lighting circuits. These handles will light up when the porch/step light circuit is turned on.



HARDWOOD CABINET DOORS



Limited Three Year Warranty for Coach House Owners

Congratulations on the purchase of a *Coach House*® Luxury Motor Home! This warranty covers the wood cabinet doors found throughout your new motor home.

Wood is a material formed by nature not man and must be handled as such. Characteristics of wood are what give it its beauty and charm. Therefore, there may be some slight color variances due to the natural color variations in wood. The infinite variety in color, grain, and texture is what gives wood its natural character. Because of the differences among varying wood species, even within the same species, no two trees are alike. Climate, light, rainfall and minerals in the soil all create diverse and unique grain and color patterns in each piece of wood. These natural variations are not considered defects. We guarantee our doors free from defect in material and workmanship for three years from the purchase date of your Coach House model. Our warranty applies to the original motor home owner only.

Natural wood will expand and contract with climate and temperature conditions. Our doors are built to allow for proper wood movement. We will not be liable for damages done due to negligence or improper handling and/or cleaning of our doors.

We will guarantee against warpage, twisting or swelling for doors that have been given responsible treatment and are within our minimum or maximum sizes. Warp or twist of 3/16" or less is not considered a defect.

Reasonable Treatment Required for Wood Doors

Doors should not be subjected to abnormal heat, cold, extreme humid or dry conditions or any sudden changes in temperature or humidity and they should never be left open to the elements.

Replacement Policy

Contact your salesperson within one business week of receiving the defective materials. Your representative will arrange to inspect the doors. We may request the defective products be returned for inspection; if so please repackage the doors for shipment. We will have the materials returned to us at no charge to you. In order to minimize the inconvenience to you, Georgia Hardwoods will do our best to replace any defective products as soon as possible.

Contact Information

For Warranty Issues, please contact us at 800-992-6462 to initiate the claim process.

12 TON BOTTLE JACK



PRODUCT SPECIFICATIONS

MODEL #:	7384
DESCRIPTION:	BOTTLE JACK
CAPACITY:	12 TON
JACK SIZE:	5 1/4" (L) X 5 1/8" (W)
MIN. HEIGHT:	9 3/8"
MAX. HEIGHT:	18 1/2"
SCREW EXT.:	3 1/8"
HANDLE LENGTH:	18 1/8"
OPERATING FORCE:	102.0 LBS
SADDLE DIM.:	1 3/4"
NET WEIGHT:	17.4 LBS
VOLUME OF HD. OIL:	360 C.C.
COLOR BOX DIM.:	5 5/8" (L) X 5 1/2" (W) X 10 1/4" (H)
GROSS WEIGHT:	72.6 LBS / 4 PCs
CARTON BOX DIM.:	11 7/8" (L) X 11 5/8" (W) X 11 3/8" (H)
CUFT.:	0.91 CUFT (2120 PCs/ 20' CTN)

FEATURE

- MEETS ASME/ANSI - PALD SAFETY STANDARDS
- LIFTING RANGE: 9 3/8" TO 18 1/2"
- PATENTED BUILT-IN BY-PASS DEVICE MECHANISM
- TWO PCS. HANDLE
- HEAT TREATED EXTENSION SCREW

MOR/RYDE SUSPENSION

NOTE: Not available on model 220



Ford Chassis are equipped with MOR/ryde suspension enhancements to smooth out the ride and dampen road irregularities. This system has been adjusted for the E-450 chassis and your Coach House motorhome. No adjustments or maintenance should be required for the life of your vehicle.



SAFE-T-PLUS STEERING CONTROL



STEERING CONTROL (Silver)

Safe-T-Plus high-performance steering controls are designed to reduce over-steering your vehicle making it easier to drive to your destination. Safe-T-Plus is perfect for Class C [Motorhomes](#), towing/hauling trucks, SUV's, Vans, and large passenger vehicles.

FEATURES

- Positive Centering Capabilities
- Hydraulic Shock Absorption
- Long lasting metallic plating
- Maintenance-Free
- Simple Bolt-On [Installation](#)
- 2 Year Warranty

BENEFITS

- Reduce Driver Fatigue from Oversteering
- Protects against front-tire blowouts
- Keeps vehicle centered against side winds, passing Semi's
- No more "white-knuckle" driving
- More relaxed driving
- Decreased wear-and-tear on front end
- Protects your family and investment

Ensuring the highest safety engineering and quality manufacturing into each unit for your safety is our first priority. We start with only the best available materials from the most trusted names in the raw materials industry. Each Safe-T-Plus steering control is cut to precision with our state-of-the art production systems.

Each unit is then measured with caliper precision readings to ensure they meet our strict tolerances.

Safe-T-Plus' heavy-duty mechanical coils are an integral part of our "positive centering-point tracking" capabilities which are set specifically for each model to accommodate virtually every chassis type on the road today. To further protect the quality performance of Safe-T-Plus, several metallic plating processes is used on the internal and external components of the unit to prevent corrosion from various harsh climate conditions.

Each Safe-T-Plus unit is equipped with specialized heavy-duty hydraulic capabilities that are designed to maintain performance standards in most extreme hot and cold temperatures. North, south, east, west, it does not matter, Safe-T-Plus can manage any of your road travels.



HYDRAULIC ROOM EXTENSION



HWH Hydraulic Room Extensions (Slide Outs) are Standard Equipment on the following models:

261 XL

271 XL

272 XL

Read Owner's manual for room extension system before operating.

To Extend:

Level motor home and set parking brake before extending slide-out portion.

Turn ignition key to accessory position, turn control panel key to ON position and push switch to extend.

Turn off control panel and ignition switch and remove keys.

To Retract:

Set parking brake, turn ignition to accessory position, turn control panel key to ON and push switch to retract.

Turn off control panel and ignition switch and remove keys.

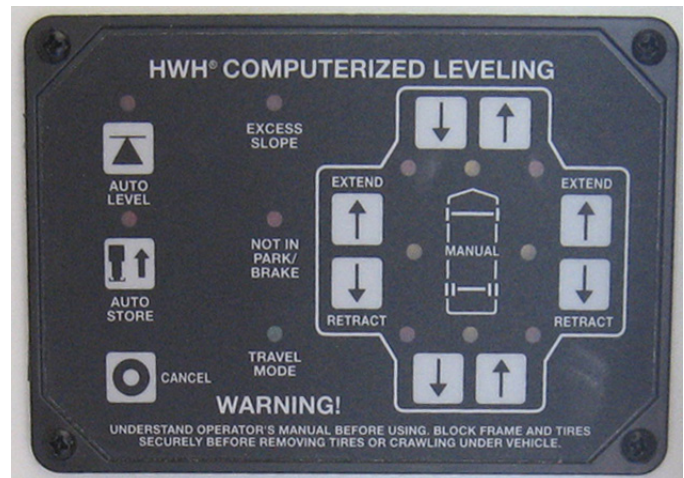


FULLY AUTOMATIC LEVELING SYSTEM



Standard on 272 XL Models

Optional Equipment on 220, 261 XL and 271 XL Models



If you purchased the Fully Automatic Leveling System (Leveling Jacks) on your motorhome, the manual is included with your H.W.H. Slide-Out instruction manual. The control panel pictured above is located in the "Tower of Power" just inside the motorhome entrance door to the right.



DOMETIC SLIDE TOPPER

Your **PLATINUM** (except model 220) has been equipped with a Dometic Slide Topper if you have a hydraulic room extension (slide-out) installed on your motorhome.



The Slide Topper will extend or retract automatically when the slide out is in operation. The slide topper helps to keep debris and water away from the top of your slide-out.

The Dometic logo, featuring a stylized white arrow pointing right, followed by the word "DOMETIC" in white capital letters, all on a black background.



EXTERIOR BODY CARE

Premium Paint Care:

Your Coach House Platinum has been painted with base coat and clear coat premium products offered by BASF. We recommend that you wash the finish with mild soap and water.

Wax Finish:

The finish may be waxed with an automotive wax that has been labeled as “safe for clear coat”.



TAKING CARE OF YOUR RV FINISH

Following these procedures can provide a long-lasting, high-gloss finish to your RV. These same procedures can also be applied to your everyday automobile, producing the same long-lasting results.

The clear coat used on all painted Coach House RV's is similar to the technology used by automotive manufacturers. The end result is a Master-piece finish which is the highest quality in the industry. The same care needs to be performed and maintained on the RV exterior surface as on an automobile finish.

Make sure the RV's surface temperature is under 90 degrees F, and is not in direct sunlight. Rinse the entire coach to remove all loose dirt and grime.

Never hold a pressure washer close to the surface. Use a fan type spray nozzle, making sure that the water coming out of the gun has a fan and not a single straight stream.

Most automotive stores offer mild car wash shampoos that are safe for clear coat finishes.

We recommend using baby shampoo as it will not leave a film on the painted finish. Adding 1/2 of a cup of food grade vinegar to the water will boost the cleaning ability of any cleaner and also soften the water. This also helps to minimize water spots.

Do not use dish soap, detergents with degreasing agents, or industrial cleaners as they can cause damage to the finish.

Use a 100% cotton or Lambs-wool pad or wash mitt for washing the painted surface of the RV.

Use a different mitt for washing the wheels and undercarriage.

Change water in the wash bucket often or place a "dirt guard" in the bottom of the bucket to keep the cleaning pad or wash mitt free of dirt and debris.

ABSOLUTELY NO BRUSHES SHOULD BE USED ON THE PAINTED SURFACE. USE OF THESE ON YOUR RV'S PAINTED SURFACE WILL CAUSE DAMAGE TO THE FINISH, AS IT WOULD AN AUTOMOBILE FINISH. COACH HOUSE DOES NOT SUPPORT USING ANY STYLE, TYPE, MATERIAL OF BRUSH EVEN THOUGH IT MAY BE MARKETED AS "RV SAFE" OR "APPROVED."

Damage caused by inappropriate or unapplied maintenance is not covered under warranty as expressed in the Coach House Expressed Limited Written Warranty.

DRYING YOUR RV

Drying the RV is just as important as washing it. Today's tap water and well water contains many chemicals that could leave water stains on the finish. After washing, dry the RV with a squeegee or a clean 100% leather chamois. You can also use fresh Microfiber towels for drying. Please use caution as these towels are made partially with polyester (which is plastic) which can break down over time from extended use and washing, eventually causing damage to the clear coat finish.

WAXES AND POLISHES

Over 90% of all passenger vehicles are clearcoated. The finish on your RV is a state of the art Acrylic Urethane Basecoat / Clearcoat. This means that what you wax and polish is a clear urethane coating designed to protect the basecoat, the pigmented coating that provides color. As its main function of protecting the basecoat, clearcoats need to be maintained, especially in harsh environments. Clearcoats do not fade themselves, but appear to fade or lose gloss as the surface becomes contaminated by the environment. If this contamination is not removed frequently, results will be a dull or low-gloss finish. Occasional washing alone will not adequately remove some forms of contamination and will require polishing.

Polishes and waxes primarily serve the following purposes:

- 1) To remove minor surface imperfections caused by water spots and acid rain.
- 2) To remove minor scratches by filling them and leveling the surface.
- 3) To seal the pores of the finish creating an easier-to-clean surface.
- 4) To beautify the paint finish appearance with more depth and high gloss.
- 5) To protect the paint finish from the elements.

Do not use products that contain harsh abrasives such as rubbing compounds. These products should be used by an experienced technician with proper training and equipment. Most polishes and waxes are designed to clean and polish in one application, whether by hand or machine.

A machine applied polish will last longer than one applied by hand because the high RPM of the buffing wheel creates heat, resulting in a deeper film with higher gloss. However, a hand-applied polish or wax will offer outstanding performance and protect the RV's finish. Use only a sponge buffing pad to prevent "burn through".

When applying polish or wax, do so in a shaded area making sure the RV surface is at the specified temperature according to the polish manufacturer's recommendations. Due to the variations of polishes and waxes, incorporate the following suggestions into the polishing technique:

- 1) Condition the polishing pad by rubbing a slight amount of polish on it.
- 2) Use only the amount of polish specified in the label directions.
- 3) Work a small area at a time.
- 4) Rinse off and remove dried polish from crevices, trim, and moldings.

For optimum results, refrain from waxing or polishing for 60 days from date of manufacture.

ALCOA ALUMINUM RIM CARE



THE BEST WAY TO CLEAN ALUMINUM WHEELS

Aluminum wheels can shine like chrome when they are cleaned and polished to perfection. Since aluminum is one of the softer metals, it responds quite well to polishing. If you want to keep your aluminum wheels in good condition, you should clean and polish them regularly. Here is some information about the best way to clean aluminum wheels.

The Best Way to Clean Aluminum Wheels

Before you wash your vehicle, you should clean the aluminum wheels. Cleaning the aluminum wheels prior to cleaning the vehicle will prevent dirty water and dust from dirtying your clean car. Here are the steps you should follow to clean aluminum wheels.

Use water to rinse the aluminum wheels. This will remove any loose dust and dirt on the wheels. You will want to use a nozzle to create a powerful stream of water. Rinse all the crevices of a wheel, including the spokes and the brake calipers.

You should use an aluminum wheel cleaner to spray the wheels. The cleaner should be non-acidic. A non-acidic cleaner will clean the wheel effectively without spotting.

Then, use a wheel brush with soft bristles to clean the wheel. Don't use a brush with hard bristles to clean the wheel. Hard bristles will likely scratch the aluminum and you will need to work hard to get rid of the scratches by polishing. The soft bristles of a brush will loosen the dirt and grime without leaving scratches on the wheel finish.

Be sure to dry the wheels. Water spots on wheels are unattractive. Use a microfiber towel to preserve the wheel finish and to remove loose brake dust. Ideally, you should use a black towel so that you can clean the aluminum wheels without ruining the towel. Use a different towel for drying your vehicle because you don't want brake dust on your car's paint.

PLATINUM[®]

OWNER'S MANUAL

SECTION 8

OPTIONAL EQUIPMENT

Section 8 - Optional Equipment:

Solar Battery Charger	8-2
Power Sofa/Bed	8-5
Bose Soundbar System	8-6
In Motion Satellite Dish	8-7
Fully Automatic Leveling System	8-8

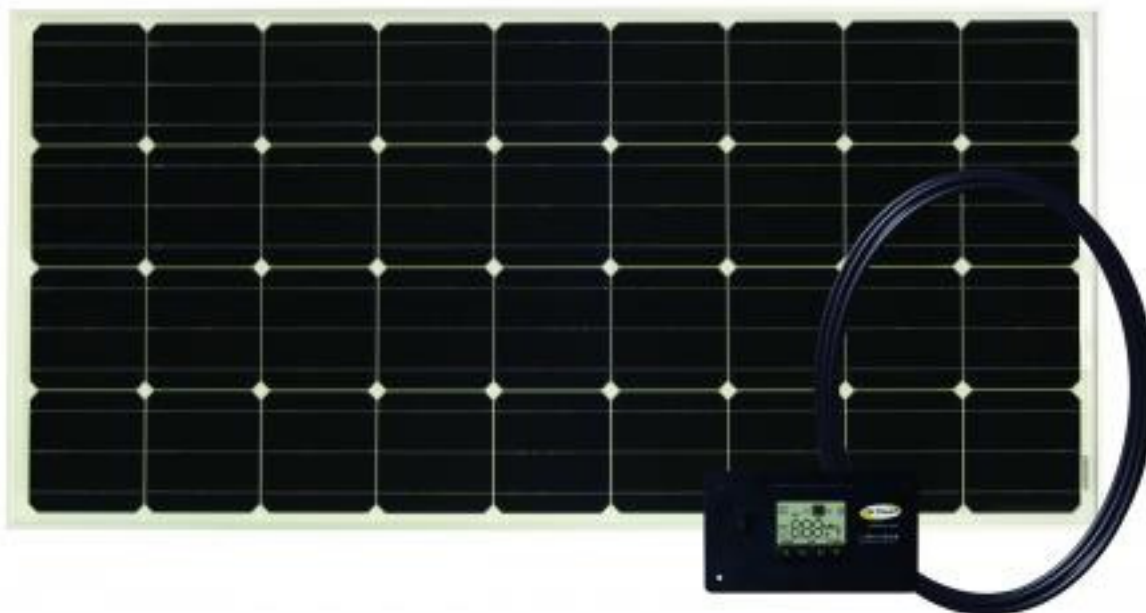
SOLAR BATTERY CHARGER

The solar charger will charge the auxiliary batteries with the master 12 Volt switch in the “on” or “off” position. A Charge Controller will optimize the charging rate and cut off the charging current when the batteries are fully charged. Optimal charging will be obtained in direct sunlight.



The charge controller panel is located just inside the entry door to the right. It will show the status of the charging system and the status of the “house” battery circuits. Refer to the Carmanah manual for instructions.

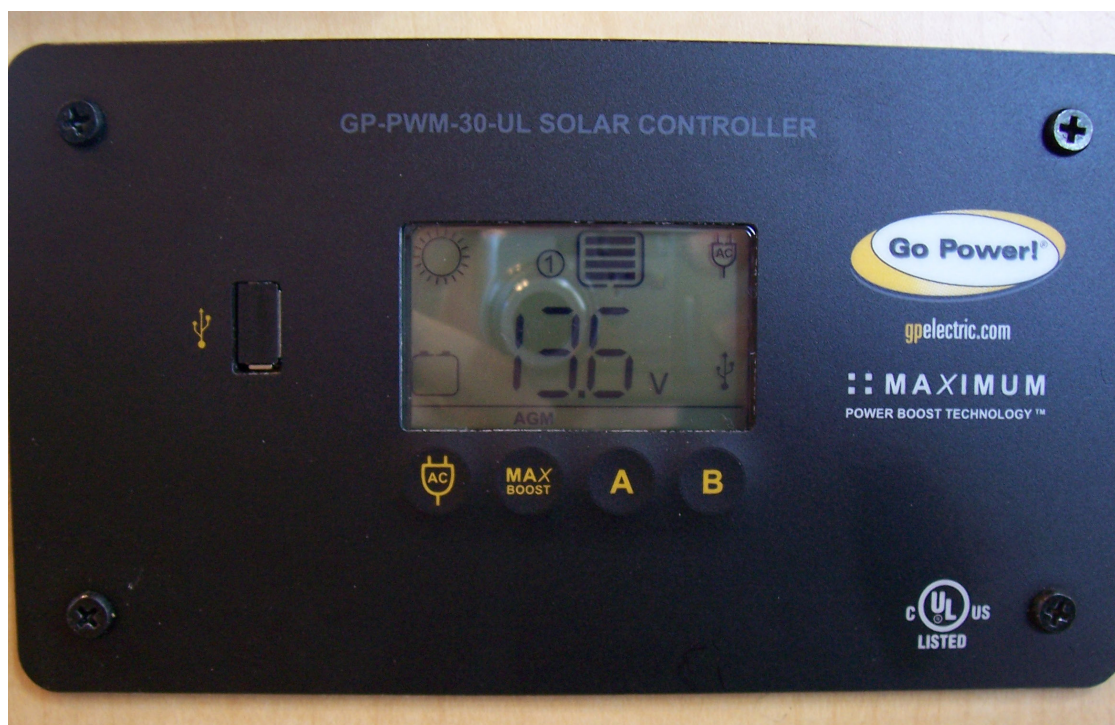




Solar Module and Controller

Solar cell type	Monocrystalline
Output power	190 W
Rated current	8.84 A
Rated DC voltage	18.42 V
Open-circuit voltage	22.77 V
Module efficiency	16.4%
Connectivity	MC4 connectors
Solar controller	30 A MPPT, multi battery option, 4 stage charging, digital display and flush mount
Frame type	Clear anodized aluminum frame
Certifications	CE
Dimensions	59.1 x 26.3 x 1.57 in / 1500 x 668 x 40 mm
Weight	32 lbs. / 14.5 kg
Warranty	25 years power output (module) 5 years (controller)

SOLAR BATTERY CHARGER CONT'D



Digital Solar Controller Specifications

Model	GP-PWM-30
Nominal System Voltage	12V
Max Solar Array Current	30A
Battery Voltage Range	6V - 15.5V
Max. Solar Panel Input Voltage	28V
Operating Consumption	6mA
Display Consumption	10mA
Temp. Consumption	-13mV/deg F (-24mV/deg C)
Operating Temperature	-40 to 185 deg F (-20 to 85 deg C)
Humidity	99% N.C.
Dimensions (HxWxD)	4.25x7.48x1.38 in. (108x190x35mm)
Weight	10.6 oz (300g)
Maximum Wire Gauge	#4 AWG
Warranty	5 Years
Protection	Battery Reverse Polarity Array Reverse Polarity, Over Temperature , Over Current

POWER SOFA/BED

Optional Equipment. Power Sofa/Beds are made by Kustom Fit, a division of Villa Industries. The fabric used matches the driver and passenger chairs and has a durability rating to last a long life in your motorhome.

The power sofa/bed has 4 functions:

- 1) Move sofa away from outer wall.
- 2) Convert sofa to bed.
- 3) Move bed toward outside wall to adjoin stationary cushion.
- 4) Convert bed to sofa & move toward outside wall.

You may operate the power sofa/bed with slide-out room extended or with room not extended.

Do NOT Continue to hold the button down once the sofa has extended or retracted. You can cause damage to the gears with prolonged use.



BOSE SOUNDBAR SYSTEM



The Bose Solo 5 TV sound system is a one-piece soundbar that brings noticeably better sound to all your favorite TV programs. It's engineered to help clearly reproduce everything from dialogue to details. And for even more clarity, its dialogue mode makes every word easier to hear.

This soundbar is so versatile you can place it almost anywhere. And with Bluetooth® connectivity, you can play your favorite music wirelessly through the speaker, too.

One-piece soundbar delivers noticeably better sound than your TV alone

Dialogue mode to hear each word and detail clearly

Bluetooth technology built in for streaming music wirelessly from your phone or tablet

One connection to your TV

Universal remote controls TV, bass, Bluetooth connections and more

IN-MOTION SATELLITE ANTENNA

Available, as an option, is the Winegard Roadtrip T4 in motion satellite TV Antenna. (See specs below)

RoadTrip® T4 In-motion Automatic Satellite TV Antenna

Winegard is excited to announce the launch of the new RoadTrip® T4 In-motion Automatic Antenna that works with DISH®, DIRECTV® and Bell TV™ programming.

Versatile - The RoadTrip T4 receives DISH, DIRECTV, or Bell TV programming for the ultimate in provider versatility.

Ultra Small - This sleek, compact unit is ultra lightweight, with the smallest footprint, requiring minimal roof space. Perfect for the on-the-go lifestyle!

Simple to Use - Easy one-button operation, 100% automatic with full in-motion tracking capability.

Quietest System with Improved Tracking and Durability - New motors and updated tracking algorithms reduce noise levels and improve tracking capabilities for quicker recovery when losses occur behind trees, bridges, etc.



Features and Benefits

Versatile

- Receives either DISH, DIRECTV or Bell TV for maximum provider versatility
- **1 TV** (one receiver)
 - Points to either satellites 110°, 119° or 129° (DISH), 101° or 119° (DIRECTV), or 91° or 82° (Bell TV)
 - Channel changes will prompt antenna to point to required orbital
- **2 TVs** (a receiver on each TV)
 - The system has two coaxial outputs to allow for two-receiver or dual-tuner DVR usage
 - Points to either 110°, 119° or 129° (DISH), 101° or 119° (DIRECTV), or 91° or 82° (Bell TV)

Ultra Small Antenna

- Dimensions: 14.3" diameter, 13.5" height
- Weight: 10 pounds
- Powered via power cable

Fast Setup

- **Fully-automatic**
 - Automatically finds satellite orbital locations
 - Compact size requires less acquisition time

Quality

- **Winegard RoadTrip T4 has a 2 year warranty**
 - Backed by Winegard's two year parts, one year labor guarantee.

*Smaller than
the RT Mission!*



	Height	Width	Depth	Weight
RoadTrip T4				
unit	13.5"	14.3"	14.3"	10 lbs
pkg	16"	18.75"	15.75"	
RoadTrip Mission				
unit	12.9"	20"	20"	14 lbs
pkg	15.5"	22.25"	22.25"	

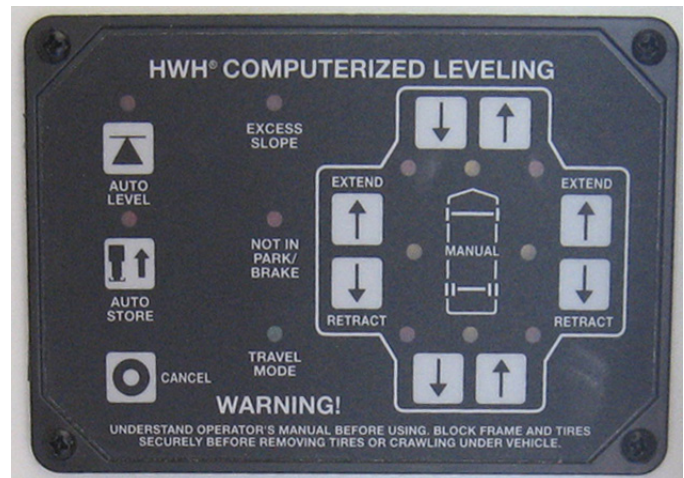
FULLY AUTOMATIC LEVELING SYSTEM

NOTE: Not available on Model 220. Standard on Model 272XL. Optional on models 261XL and 271XL.



Standard on 272 XL Models

Optional Equipment on 220, 221 XL, 232 XL, 261 XL and 271 XL Models



If you purchased the Fully Automatic Leveling System (Leveling Jacks) on your motorhome, the manual is included with your H.W.H. Slide-Out instruction manual. The control panel pictured above is located in the "Tower of Power" just inside the motorhome entrance door to the right.

