



**Where Tradition  
and Innovation  
Meet . . .**



# **Folding Camping Trailer**

**Owner's Manual**

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# **Cunningham Campers, Inc.**

5201 Highway 62  
Jeffersonville, IN 47130

**1-812-284-0276 Option 3**



**Welcome to our Used Jayco Owners' Group**

***We Know Jayco Parts!***

As a group member you receive **10% OFF** any order for parts, not already on sale. Just call us **with your VIN #** and we will find what you need and ship it directly from Jayco to your front door.

Like Jayco, we are family owned and operated. Our courteous professionals are here to help make your shopping experience as pleasant as humanly possible.

# **1-812-284-0276**

## **Use Option 3 For Parts**

**<http://parts.cunninghamcampers.com/jayclub>**

**Cunningham's – Selling & Servicing Jayco RV's for OVER 38 Years!**

**WARNING: Read all instructions in manual before using your camper.**

This manual has been provided by Jayco, Inc. for the sole purpose of providing instructions concerning the operation and maintenance of this vehicle and its components. Nothing in this manual creates any warranty, either expressed or implied. The only warranty offered by Jayco, Inc. is as set forth in the limited warranty applicable to this vehicle.

The owner's failure to provide required service and/or maintenance could result in the loss of warranty. The owner should review Jayco's limited warranty and the limited warranties of all other manufacturers offering them that are applicable to this vehicle.

Instructions are included in the manual for operating various components which are optional on some vehicles. In addition, the owner should refer to individual manufacturer's operating instructions contained in the owner's packet.

**WARNING: Review the compatibility of your tow vehicle with the trailer you will be towing. You should not exceed the gross vehicle weight rating of the trailer (GVWR). Know your loaded hitch weight and select a hitch that is adequate for that weight. You, as the owner, are responsible for the safety and compatibility of your tow vehicle and trailer selections. Consult your hitch and tow vehicle manufacturers with any questions before you tow your trailer. You are responsible for the maintenance of your tow vehicle and trailer. Do not exceed the tow or cargo capacity of your tow vehicle, and remember that the GCVWR relates to towing capacity and does not necessarily indicate braking capacity. Do not overload your trailer with additions, cargo, or tank fluids to exceed the GVWR of the trailer. Do not load your trailer so that it is unbalanced from front to rear or from side to side. You should clearly understand how your particular tow vehicle capacities are calculated. Make sure your tow vehicle is mechanically sound for your intended usage and pay particular attention to suspension components, tires and tire pressure. We recommend that you use anti-sway devices and weight distributing hitches with all Jayco towable products. Many states have lower speed limit requirements for tow vehicle/trailer combinations. Obey all traffic laws and use your seatbelts at all times. We recommend that you do not exceed 55 MPH when towing a trailer. Consult an expert for specific driver education when towing a trailer. There are private RV driving schools and some RV clubs offer driving seminars as part of their club activities. Recreation vehicle publications and the Internet can be a source of information regarding RV driver education as well as many other topics to help you learn to safely use your recreation vehicle.**

YOUR NEW JAYCO IS YOUR PASSPORT TO A WHOLE WORLD OF NEW FRIENDS CAMPING FUN AND TRAVEL ADVENTURE WHEN YOU JOIN THE THOUSANDS OF JAYCO FAMILIES WHO MAKE UP THE . . .

### **INTERNATIONAL JAYCO JAFARI TRAVEL CLUB**

You will find us enjoying the friendship and fellowship of JAFARI CAMPING as we join our local area FLIGHTS at hundreds of weekend camp-outs all over North America each month . . .

### **WE'RE THE FAMILIES OF JAYCO!**

There are special STATE, REGIONAL and INTERNATIONAL RALLIES where you can join with your fellow JAFARIANS and their flights to enjoy a special kind of togetherness . . . fun, games, and entertainment provide memories to last a lifetime.

And . . . how about the exotic surroundings of NEW ORLEANS, the sounds and color of NASHVILLE and the GRAND OLE OPRY, the mystery of MEXICO., the roar and rush of the INDIANAPOLIS 500, the quiet surroundings of the CANADIAN ROCKIES, the color of the SMOKY MOUNTAINS in the Fall. These and many other adventures can be yours when you join . . .

### **THE INTERNATIONAL JAYCO JAFARI TRAVEL CLUB**

Fill in the blanks on the reverse side, cut along dotted line and mail along with a check to:

**INTERNATIONAL JAYCO JAFARI**  
P.O. Box 192  
Osceola, IN 46561-0192  
ATTN: Membership Director

Yes, it's for everyone with a JAYCO; young couples just starting out, families spending quality time together, the young at heart expanding their life experiences. Whether you belong to another camping club, have always traveled alone, or are just starting, don't miss out on one of the most priceless benefits of being an RV family . . . meet new friends and spend a bit of your camping life with some of the finest people you will ever have the opportunity to share a campfire or treasure a moment of golden living with . . . FIFTH-WHEEL TRAVEL TRAILER . . . MINI-MOTORHOME . . . CONVENTIONAL TRAVEL TRAILER . . . FOLDING CAMPING TRAILER . . . it doesn't matter, if you are a JAYCO FAMILY, then you are eligible to become a JAFARI MEMBER.

. . . YOU WILL NEVER BE SORRY YOU MADE THE DECISION

In addition to the special International decals for your unit, distinctive patches, the HITCH newsletter with schedules of upcoming events and activities, your membership entitles you to the following special benefits: MEMBERSHIP ROSTER containing the names and addresses of current members of the club. REGISTERED KEY RING, so if your keys are lost, they can be returned to the International Office and then returned to you. DISCOUNT CARDS for several national theme parks including, Sea World, King's Dominion, Silver Dollar City, Adventureland Park and Six Flags. DISCOUNT PRICES on Trailer Life and Motorhome camping magazines. SPECIAL PRICES on Wheeler's Guide, Woodall's Campground Directory and the Rand McNally road atlas. DISCOUNT PRESCRIPTION SERVICE. CAR RENTAL DISCOUNTS. PLUS, the joy of meeting new friends and enjoying Jaytrek Adventures around the country. Start with the first phase of your camping life . . . just complete the application and forward it to the JAFARI INTERNATIONAL TRAVEL CLUB OFFICE.

**WELCOME TO THE JAFARI FAMILY!**



TO: Membership Director, International Jayco Jafari

Please enroll us as members in the International ... We're ready to roll to where the "friends we just haven't met yet" have the coffee on the fire and are waiting for us to arrive: We are ...

Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Ages of Children at Home: \_\_\_\_\_

Our JAYCO is a: \_\_\_\_\_ Our Dealer \_\_\_\_\_

(type & size)

Membership Dues: (One year rate \$20.00)

Two years: \$35.00

Three years: \$50.00

Amount enclosed. \$ \_\_\_\_\_

Check #: \_\_\_\_\_

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(date)

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## CHAPTER 1

# INTRODUCTION TO RV OWNERSHIP

## WELCOME

Thank you for purchasing your Jayco Recreation Vehicle and welcome to the world of recreation vehicle travel. Your purchase of a Jayco RV allows you to enter this unique world of camping and leisure in a grand style. **Your Jayco RV has been designed and engineered to offer you many comforts of home that will make your camping experience as enjoyable as possible. Jayco recreation vehicles are designed, constructed and intended to be used as temporary living quarters for recreational, camping and travel uses, all as defined in the bylaws of the Recreation Vehicle Industry Association. Our recreation vehicles are not intended for the hauling of cargo.**

This owner's manual was prepared to assist you in understanding the proper use and operation of various containment systems, servicing and maintenance of component parts, and explanation of your warranty protection. If you are a newcomer to RV travel, you will especially appreciate the suggestions and "shop talk" information to be found throughout this manual to help you obtain the most pleasure from the use of your vehicle.

The information in this manual reflects the most current available to us at the time of publication. If you find the components in your recreation vehicle vary significantly from what is described in this manual, please disregard that section and follow the instructions provided by that particular component manufacturer. You should carefully read and understand this owner's manual which is a supplement to various other instructions supplied by the manufacturers of separately warranted products.

Keep this owner's manual in your recreation vehicle for handy reference. Get to know your new vehicle and how it operates. You should carefully read and understand these instructions and information supplied by manufacturers of separately warranted products, since they contain important operating, safety, and maintenance instructions. If you have questions that are not adequately answered by this manual or other booklets, consult your dealer. If he cannot satisfactorily answer your questions, he will call our staff or refer you to us for help.

Every effort has been made to provide you with a safe, dependable product. Your vehicle complies with applicable requirements of Federal Motor Vehicle Safety Standards, State Regulations, Canadian Standards Associations (CSA) where applicable, and complies with requirements of ANSI Standard A119.2, the nationally recognized "Standard For Recreation Vehicles – Installation of Plumbing, Heating and Electrical Systems." The Recreation Vehicle Industry Association (RVIA) and Canadian Standards Association (CSA) periodically inspect our production line and assist us in maintaining strict compliance with installation and safety standards for those systems. **Your follow-up with periodic safety inspections and a program of preventive maintenance is important for the continuation of safe and trouble-free operation.**

Camping is a great way to relax and enjoy the outdoors with your friends and family. Please remember to tread lightly on our beautiful land and leave only your footprints so that others may enjoy nature as much as you did.

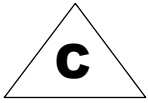
The Jayco Family  
Jayco, Inc.



## SAFETY CONSIDERATIONS

The terms NOTE, CAUTION and WARNING have specific meanings in this manual.

A **NOTE** provides additional information to make a step or procedure easier or clearer. Disregarding a NOTE could cause inconvenience, but would not be likely to cause damage or personal injury.



A **CAUTION** emphasizes areas where equipment damage could result. Disregarding a CAUTION could cause permanent mechanical damage. However, personal injury is unlikely.



A **WARNING** emphasizes areas where personal injury or even death could result from failure to follow instructions properly. Mechanical damage may also occur.

### Reporting Safety Defects

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

If 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, NHTSA cannot become involved in individual problems between you, your dealer or Jayco, Inc.

NHTSA  
U.S. Department of Transportation  
Washington, D.C. 20590  
Phone: 1-800-424-9393  
Washington, D.C. Area: 368-0123

Customer Relations Dept.  
Jayco Incorporated  
P.O. Box 460, Middlebury, IN 46540  
Phone: 1-877-825-4782 or 1-219-825-0608  
Business Hours: 8:00-5:00 Mon.-Fri. EST

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

### Safety in Using LP Gas

You should check for leaks at the connections on the LP gas system soon after purchase and initial filling of LP tanks, and continued periodic checks of the system are recommended. Your vehicle was manufactured to provide you with full access to all gas line connections. Leaks can be found with a soapy water solution, which **does not contain ammonia or chlorine**, applied to the outside of the gas piping connections: the soap will bubble at the leak. **DO NOT USE FLAME OR LIGHTED MATCHES TO TEST FOR LEAKS.** Usually tightening of connections will close leaks. If not, ask an authorized dealer's service department to make the necessary tests and repairs.

ALTHOUGH THE MANUFACTURER AND DEALER HAVE PERFORMED TESTS FOR LEAKAGE, THIS CHECK IS RECOMMENDED DUE TO THE VIBRATION ENCOUNTERED DURING TRAVEL.

As LP gas is heavier than air, leaking gas tends to flow to low places which will sometimes pocket in low areas, such as the folding camping trailer floor. LP gas can usually be detected by an identifiable odor similar to onions or garlic. Never light a match or allow any open flame in the presence of leaking gas.

It is very important to have the LP gas turned off during refueling of tow vehicles. Some states prohibit gas appliances to be operated during travel, especially in underground tunnels.

Never allow gas containers to be filled above the liquid capacity indicated on the container. If a

container is overfilled, liquid gas may flow through the regulator causing it to freeze and/or introduce a dangerous excessive gas pressure into the lines. In addition, an overfilled container placed in hot sunlight may expel excess gas through the relief valve and be susceptible to ignition by any nearby open flame.

## Electrical System Safety

Circuit breakers and fuses are installed to protect electrical circuits from overloading. Do not make unauthorized changes to circuitry or add on fixed appliances yourself. If you wish to make changes, consult your dealer and he will assist you in obtaining a safe installation.

An approved power supply cord has been supplied with the vehicle. Always use this cord for hook-up to the 120-volt source. Note that the cord has a three pin plug, which provides proper grounding through the third (round) pin. Grounding is your personal protection from electrical shock.



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**WARNING:** Do not use an adapter, cheater, or extension cord that will break the continuity of the grounding circuit connected to the third pin. NEVER remove the grounding pin to connect a non-grounded, two-prong receptacle. Any deviation from this will potentially cause a fire from overheating.

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## Safety When Emergency Stopping

Pull off the roadway as far as possible for emergency situations and turn on the vehicular hazard warning flashers. If necessary, display your road flags and/or reflective triangular highway warning devices.

**NOTE:** Always carry road flags and/or reflective triangular highway warning devices to be displayed when necessary.

## Additional Safety Considerations



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**WARNING:** For traveling safety, it is extremely important to read and understand the towing, hitching and loading cargo information provided in Chapter 3. If you do not understand the information provided, please consult your dealer or Jayco owner representative.

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- Sanitize the fresh water supply system periodically (see sanitizing instructions).
- Prevent water connection fittings from coming in contact with the ground or drain hose to reduce chance of contamination.
- Enlist services of a qualified or certified RV technician to repair and maintain gas or electrical appliances.
- Always have a serviceable fire extinguisher placed in an easily accessible location.
- Ensure that tires are in good condition and properly inflated. Proper inflation should be monitored closely. Neglecting to do so could result in overheating of a tire, which could result in a blowout.
- Check and tighten wheel lugs after the first 10 miles, 25 miles and then again after 50 miles. Refer to manufacturer's owner's manual. Check periodically thereafter.
- Check brakes in a safe area - not while traveling a busy highway.



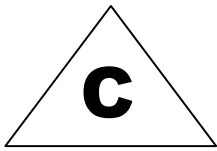
- Always block trailer wheels solidly before unhitching.
- Before leaving a camp area with a trailer in tow, insure that the safety pin or locking lever is seated, breakaway wire is attached to tow vehicle, the jack is raised so that it cannot touch the ground, the dolly wheel removed, 120-volt electrical cord properly stored, safety chains are connected, and all interior lights are off.
- Observe the warning labels attached to your vehicle concerning LP gas, water, electricity and loading.
- Observe the maintenance chart in Chapter 7 related to your respective unit.

## INSURANCE

As with your automobile, it is important that you protect yourself and others with insurance coverages for personal liability, theft, collision, property damage, etc. Your dealer will assist you in obtaining appropriate insurance for your protection or you may check with the company which provides your automobile insurance.

## EXTENDED USE

This folding camping trailer has been built for enjoyment in a recreational manner. It is not intended to be used as full-time living quarters.



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**CAUTION:** Continuous living in your folding camping trailer could cause accelerated wear and damage to components.

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## COLD WEATHER USE

Folding camping trailers have no provisions for cold weather use.

- Winter use is NOT recommended due to the inability to adequately insulate the tent fabric.
- Proper care should be taken with the fresh water and draining systems to avoid freezing problems. Consult your local dealer or RV supply house for additional material.
- Adequate gas and electrical supply is needed along with protection from possible freeze-ups on the gas regulator.
- During cold weather usage, ventilation or the addition of a dehumidifier may be required to reduce condensation. Reference "Condensation."

## CONDENSATION

Condensation is a natural phenomenon. The amount of condensation will vary with the climate conditions, particularly the relative humidity. Condensation occurs because there is water vapor present in the air, which each of us adds by breathing, bathing and cooking. The water vapor collects where there is available air space, and when the temperature reaches the 'dew point' the water vapor in the air condenses and changes to liquid form. Most people have experienced a similar phenomenon when moisture forms on kitchen windows and bathroom mirrors during cool weather.

Proper ventilation and, if needed, the use of a dehumidifier will assist in controlling the condensation. Many RV and marine dealers carry small dehumidifiers especially sized for recreation use. Condensation causes dampness, mildew, staining and if allowed to continue at high levels, damage to the tent, paneling and wood structures.



## CHAPTER 2 OBTAINING SERVICE

### Warranty Registration and Customer Delivery Form

Jayco, Inc.  
P.O. Box 480  
903 South Main Street  
Middlebury, Indiana 46540  
(219) 825-0608

Dealer is to assure that this form is properly completed and returned to Jayco within ten (10) working days after delivery

OWNER'S NAME			DEALER'S NAME		
ADDRESS			ADDRESS		
CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
DELIVERY DATE / /		PHONE NUMBER (DAYTIME)	ODOMETER READING (MUST BE COMPLETED FOR MOTOR HOMES)		
JAYCO SERIAL NUMBER			CHASSIS VIN (VEHICLE I.D. NUMBER)		

ALL ITEMS MUST BE MARKED OFF BY THE DEALER IN THE CUSTOMER'S PRESENCE INDICATING PERFORMANCE OR INSTRUCTION AS REQUIRED.  
PLEASE MARK EACH ITEM OK OR NA (NOT APPLICABLE).

- |   |  |  |
|---|--|--|
| <p>___ 1. ELECTRICAL SYSTEM</p> <ul style="list-style-type: none"><li>___ 110-Volt System</li><li>___ 12-Volt System</li><li>___ All Interior Lights/Recepts</li><li>___ All Exterior Lights/Recepts</li><li>___ Battery – Full Charge and Maintenance</li><li>___ Converter Operation and Use</li><li>___ Monitor Panel and Maintenance</li><li>___ Operation and Maintenance of Slideout</li><li>___ Phone and Cable TV</li><li>___ Roof Air</li><li>___ Radio/Cassette</li><li>___ TV</li><li>___ Microwave</li></ul> <p>___ 2. FOLDING CAMPER SET-UP</p> <ul style="list-style-type: none"><li>___ Complete Set Up and Closing Demonstration, Proper Leveling</li></ul> <p>___ 3. LP GAS SYSTEM</p> <ul style="list-style-type: none"><li>___ Location and Maintenance of LP Lines and Connections</li><li>___ Maintenance and Operation of Regulator</li><li>___ Appliance, Refrigerator and Furnace Vents</li></ul> | <p>___ 4. WATER/PLUMBING SYSTEMS</p> <ul style="list-style-type: none"><li>___ Water lines</li><li>___ Faucet(s)</li><li>___ Winterizing</li><li>___ Water Intake/Drain lines</li><li>___ Outside shower</li><li>___ Shower</li><li>___ Holding tank</li><li>___ Toilet</li></ul> <p>___ 5. APPLIANCES AND SAFETY EQUIPMENT</p> <ul style="list-style-type: none"><li>___ LP Gas Manometer Test (Check for leaks – Repair if needed and retest)</li><li>___ Set Gas Pressure At ___ IN. Water Column</li><li>___ Furnace and Thermostat</li><li>___ Range and Oven</li><li>___ Water Heater and Bypass</li><li>___ Coffee Maker</li><li>___ Refrigerator</li><li>___ Break-away Switch</li><li>___ Tires - Correct size and inflate to sidewall pressure specs</li><li>___ Door Locks/Keys</li><li>___ Wheel Lugs (Tighten to specs for Ft. LB Torque)</li><li>___ - Review Maintenance</li><li>___ Tighten at 10, 25, 50 miles.</li></ul> | <p>___ 6. RUNNING GEAR</p> <ul style="list-style-type: none"><li>___ Brake Adjustment and Maintenance</li><li>___ Bearing Lubrication and Maintenance</li><li>___ Brake Wire Connections</li><li>___ Hydraulic Brake Fluid and Maintenance</li><li>___ A-Frame/Coupler Operation</li><li>___ Operate and Lube Jacks</li></ul> <p>___ 7. GENERAL APPEARANCE</p> <ul style="list-style-type: none"><li>___ Interior/Exterior Trim</li><li>___ Exterior Finish</li><li>___ Bumper, Steps, A-Frame, Rub Out and Touch Up as Needed</li><li>___ Window and Roof Sealant</li></ul> <p>___ 8. Motorized Products</p> <ul style="list-style-type: none"><li>___ Check all Fluid Levels</li><li>___ Check all Door and Window Locks</li><li>___ Chassis Prep as Recommended by the Manufacturer</li></ul> |
|---|--|--|

DEALER INSTALLED OPTIONS (Dealer installed options are not covered under Jayco's limited warranties.)

#### OWNER/DEALER INSPECTION

- |  |  |
|--|--|
| 1. Exterior and interior finish.                                     | 5. Operate all fresh water and plumbing components including faucets, shower toilet and drain locations. |
| 2. Operate all appliances and discuss maintenance.                   | 6. Review tow vehicle, hitch and sway control set-up – test drive.                                       |
| 3. Review operation, maintenance and safety of LP system.            | 7. Complete review of owner manuals and highlight safety issues and maintenance.                         |
| 4. Explain weight ratings, limitations and proper load distribution. |  |

I HAVE COMPLETED THE ABOVE INSPECTION ON THIS FAMILY CAMPING VEHICLE AND HAVE TAKEN A TEST DRIVE AT THE TIME OF PURCHASE. I NOTED:

**I RECEIVED A COPY OF THE JAYCO LIMITED WARRANTY BEFORE I PURCHASED THIS VEHICLE AND I UNDERSTAND THAT IT IS DESIGNED TO BE USED ONLY FOR RECREATIONAL CAMPING AND TRAVEL.**

**I AGREE TO THE TERMS ON THE REVERSE SIDE, AND UNDERSTAND THAT I WILL BE REQUIRED TO ARBITRATE ALL MY CLAIMS CONCERNING MY RECREATIONAL VEHICLE RATHER THAN GOING TO COURT.**

**THE PURCHASER HAS INSPECTED OR BEEN GIVEN THE OPPORTUNITY TO INSPECT THE VEHICLE AND TAKE THE TEST DRIVE, SUPPLIED THE INFORMATION ABOUT HIS/HER NAME AND ADDRESS, BEEN GIVEN THE OPPORTUNITY TO MAKE NOTATIONS IN THE SPACE PROVIDED AND OBSERVED OR RECEIVED SATISFACTORY EXPLANATIONS ABOUT ALL ITEMS LISTED ABOVE.**

DATE PURCHASER'S SIGNATURE

DEALER'S SIGNATURE

White Copy: Jayco

Canary Copy: Dealer

Pink Copy: Customer

01/31/00 Rev B

MJF



## INFORMAL DISPUTE RESOLUTION AGREEMENT

I am entitled to receive a copy of this Agreement, and I may review it with my attorney before signing. I and anyone making claims on my behalf, or through me, shall submit any and all claims I may have in connection with my recreational vehicle (RV) against any retail dealer, manufacturer, or supplier of component parts, to binding arbitration under the Federal Arbitration Act, 9 U.S.C. § 1-14, to the extent permissible under federal law. I agree that if I have a claim relating to my RV, I will advise the dealer and Jayco to inspect it and make necessary repairs. If my claim is not then satisfied, I will notify Jayco and binding arbitration proceedings will be held after I have paid an initial fee of \$125 to the American Arbitration Association and I cannot pursue my claim in court or in any administrative proceeding. Arbitration will be administered by the American Arbitration Association (AAA), pursuant to its Commercial Arbitration Rules, unless and until Jayco designates a different administrator, in which event a notice will be mailed to your last known address. If my claim is less than \$10,000, Jayco will pay the initiation fee and arbitrator's fee in excess of \$125, and the arbitrator shall not award damages in excess of \$40,000. If my claim exceeds that amount or is not specified, I will pay one-half of the fees and costs in excess of \$125. I, the dealer, and Jayco will each pay their own costs and expenses in connection with the arbitration hearing. The claim will be heard by a single arbitrator, and will be held thirty (30) days after the claim is filed, unless all parties agree to a later date. The arbitrator shall be selected from a panel named by the AAA, pursuant to its rules. The arbitrator shall be permitted only to award actual damages for financial loss, and shall not award damages for personal injury (or mental anguish, or other intangible claims), or punitive damages. Statutes of limitation, which would apply in a court proceeding for my claim, will apply to commencement of arbitration proceedings. If I default on any obligation to a lender in connection with my RV, my lender may exercise all of its rights without regard to this agreement. If I file a claim in court without having first complied with this agreement, I will be required to pay all fees, costs, and expenses, including attorneys' fees, for dismissal or referral to arbitration. This Agreement will apply to me, my heirs and assigns, and anyone who purchases or leases my RV from me or operates or occupies it with my permission or without permission by me. Nothing in this agreement enlarges my rights or gives me any rights or claims I would not otherwise have. FOR INFORMATION ABOUT HOW TO FILE A CLAIM OR ABOUT THE ARBITRATION PROGRAM, CALL JAYCO AT 214-224-0904, OR THE AMERICAN ARBITRATION ASSOCIATION AT 800-775-7072.

## SERVICE PROCEDURES

### Basic Service Procedures

We are interested in your satisfaction. Only by having your complete confidence and satisfaction with our product and its service can we assure our continued success as manufacturers of recreational vehicles. We have found that continuing a pleasant and effective relationship through our dealers is equally as important as maintaining the technical excellence of our product. Your authorized dealer will cordially assist you in providing service maintenance, selection of options and instructions concerning the operation of your vehicle.

Should you have a problem with service, please follow these instructions in sequence.

1. Contact your selling dealer's service department for an appointment. Describe to the best of your knowledge the nature of the problem.
2. Contact the owner or General Manager of the dealership should the initial attempt fail with the service department.
3. If further assistance is needed contact:

Customer Relations Dept.  
Jayco Incorporated  
P.O. Box 460  
Middlebury, IN 46540  
Phone: 1-877-825-4782 or 1-219-825-0608  
Business Hours: Monday – Friday 8:00 – 5:00 EST

Give all the above information as requested along with the serial number of the unit in question and we will make every attempt to resolve your problem.

If you are traveling and are unable to locate an authorized Jayco dealer, or an authorized dealer for the component needing service, please call our customer service office at **1-877-825-4782** or **1-219-825-0608**, or contact your selling dealer for assistance.

**NOTE:** Service at a non-authorized Jayco dealer should have prior authorization. You will be asked to return any mechanical parts replaced before reimbursement consideration is made. Unauthorized or improper repairs may void the warranty on that component.

**Please keep your owner's manual, your copy of your warranty registration form and any other related papers in your RV.**

Please bear in mind that most problems arise from misunderstandings concerning warranty coverage and service. In most instances, you will be referred to the dealer level and problems will be resolved with the dealer's facilities and personnel.

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**CALIFORNIA LEMON LAW NOTICE: If you have determined that your vehicle has nonconformities under the California Lemon Law, you must provide written notice of the claimed defects directly to Jayco in Middlebury, Indiana at the address for warranty service, and permit Jayco to perform a final repair attempt.**

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## Dealer

Your authorized Jayco dealer has inspected and serviced your new Jayco RV. He is authorized to service and maintain your folding camping trailer as needed. All warranty repairs are to be performed by the selling dealer unless Jayco gives prior approval.

Some RV dealers may be authorized service centers for certain manufacturers of products warranted separately. Check with your dealer before contacting others to reduce delays. If the your Jayco dealer is not an authorized service center for the product in question, he can assist you in obtaining authorized service.

## Factory

A factory service department is operated at our Middlebury, Indiana, manufacturing facility. Should your Jayco RV be in need of repairs and your dealer recommends that the factory make the necessary repairs, it may be returned to our plant upon following these procedures:

- A. You or your dealer must make an appointment prior to returning it to the factory service department.
- B. All transportation costs are the responsibility of the owner. You may need to arrange for alternative accommodations for some types of repairs. Please be prepared accordingly.

## Parts

Parts are available at most Jayco dealerships or your dealer can order parts for you as needed. Should you be unable to find a dealer in your local area, contact our Customer Service Department at 1-877-825-4782 or 1-219-825-0608. We will assist you by providing parts through an authorized dealer.

## Owner's Responsibility

**As a new owner of a Jayco recreation vehicle, you are responsible for regular and proper maintenance. This will help you prevent conditions arising from neglect that are not covered by your Jayco Limited Warranty.**

Maintenance service should be performed in accordance with this owner's manual and any other applicable manuals.

As the owner, it is your responsibility and obligation to return the RV to an authorized dealer for repairs and service. Reference your Limited Warranty for additional information. Because the authorized dealer where you purchased your RV is responsible for its servicing before delivery and has an interest in your continued satisfaction, we recommend that inspection, warranty and maintenance services be performed by the dealership.

## CHAPTER 3

# USE OF YOUR FOLDING CAMPING TRAILER

In this chapter, you will find helpful information to assist you in preparing, traveling and using your folding camping trailer.

## EQUIPMENT

### Tow Vehicle



**WARNING:** Review the compatibility of your tow vehicle with the trailer you will be towing. You should not exceed the gross vehicle weight rating of the trailer (GVWR). Know your loaded hitch weight and select a hitch that is adequate for that weight. You, as the owner, are responsible for the safety and compatibility of your tow vehicle and trailer selections. Consult your hitch and tow vehicle manufacturers with any questions before you tow your trailer. You are responsible for the maintenance of your tow vehicle and trailer. Do not exceed the tow or cargo capacity of your tow vehicle, and remember that the GCVWR relates to towing capacity and does not necessarily indicate braking capacity. Do not overload your trailer with additions, cargo, or tank fluids to exceed the GVWR of the trailer. Do not load your trailer so that it is unbalanced from front to rear or from side to side. You should clearly understand how your particular tow vehicle capacities are calculated. Make sure your tow vehicle is mechanically sound for your intended usage and pay particular attention to suspension components, tires and tire pressure. We recommend that you use anti-sway devices and weight distributing hitches with all Jayco towable products. Many states have lower speed limit requirements for tow vehicle/trailer combinations. Obey all traffic laws and use your seatbelts at all times. We recommend that you do not exceed 55 MPH when towing a trailer. Consult an expert for specific driver education when towing a trailer. There are private RV driving schools and some RV clubs offer driving seminars as part of their club activities. Recreation vehicle publications and the Internet can be a source of information regarding RV driver education as well as many other topics to help you learn to safely use your recreation vehicle.

Consult experts on hitch and tow vehicles before you tow your trailer. Jayco does not recommend or endorse particular tow vehicles or hitch assemblies. Review the compatibility of your tow vehicle with the trailer you will be towing. As a minimum requirement, the gross vehicle weight rating (GVWR) of your trailer must not exceed your tow vehicle's rated towing capacity. Know your loaded hitch weight and select a hitch that is adequate for that weight. You, as the owner, are responsible for the safety and compatibility of your tow vehicle and trailer selections. You are responsible for the maintenance and proper connection of your tow vehicle, hitch assembly, and trailer. Do not exceed the towing or cargo capacity of your tow vehicle and do not exceed the GVWR of the trailer. You should clearly understand how your particular tow vehicle capacities are calculated. Make sure your tow vehicle is mechanically sound for your intended usage and pay particular attention to suspension components, tires, and tire pressure. Anti-sway devices and weight distributing hitches should be used with all Jayco towable products with the guidance of a trained hitch installer. Towing a trailer is not the same as driving a passenger car or a single vehicle. Many states have lower speed limit requirements for tow vehicle/trailer combinations. Obey all traffic laws and use your seatbelts at all times. Do not exceed 55 MPH when towing a

trailer. Consult an expert for specific driver education when towing a trailer. RV driving schools and some RV clubs may offer helpful driving seminars as part of their club activities.

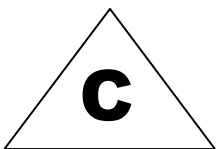
Begin your camping experiences by using a tow vehicle that will adequately transport your folding camping trailer to and from your destinations. You must use the Gross Vehicle Weight Rating (GVWR) factor as a measuring tool to cross match the capability of your selected tow vehicle. Ford, Chrysler-Daimler and Chevrolet provide trailer towing guides for their products, as do most auto and truck manufacturers. Ask your local automotive dealer for a copy or contact the factory's customer assistance for information. Most tow vehicles have towing packages available as an option and these should be given serious consideration. The condition of the suspension system in your tow vehicle is also important and will affect your trailer's handling. Become familiar with and understand how to properly distribute loads in your trailer and tow vehicle and never overload either unit. Make sure your tow vehicle is in good mechanical condition and maintenance is up to date. When you tow a RV, you must drive differently than you do when driving a single vehicle. Practice hooking up, driving, backing up and braking in a safe environment (with vehicles fully loaded as if for normal travel if possible) or seek out professional instruction. Obey all posted speed limits. Be prepared to drive slower and if you must pass, do so with the utmost care, particularly in strong winds. When being passed by or when passing semi-trailers or large busses, be prepared for displaced air, as it can be severe enough to cause trailer sway. Understand how trailer brakes, tow vehicle brakes, acceleration can affect your control of the trailer when you experience trailer sway as well as proper trailer hitches and sway controls.

There are many excellent publications about traveling with a RV. We strongly recommend you make use of available resources at your local library, the internet or bookstore.

## Hitches

After choosing your tow vehicle, it is very important to install a hitch system with weight distributing bars to accommodate your coach. This weight selection and installation should be performed by a professional hitch service which may or may not be your selling dealer.

Class II or III hitches are suggested. With the Class III, 350# equalizing bars can be used if installed correctly with the surge brakes. The very equipment which sometimes gives autos, trucks and sport utility vehicles a softer ride can accentuate swaying when pulling a trailer. Conversely, too stiff a suspension can increase vibration, bounce and accelerate wear of your tow vehicle and trailer. It is important that your trailer be level when hitched to your tow vehicle. Educate yourself to protect you, your family and other motorists. An anti-sway device may be needed with some tow vehicle/trailer combinations.



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### CAUTIONS:

- Using an oversized or undersized hitch can cause damage to the frame of your folding camping trailer.
  - Jayco, Inc. cannot be responsible for the suspension system of the tow vehicle. The final ball height after the coach is completely hooked up is a factor to be considered when towing a trailer. To avoid overloading your RV axles and minimize possible handling difficulties, your RV should tow level when hooked to your tow vehicle.
  - Do not overload your tow vehicle.
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## Hitch Height

The correct hitch ball height is listed on the chart below for your folding camping trailer. It is measured with the unit in a level position, measuring from the top of the ball to ground level.

Jayco Incorporated cannot be responsible for the suspension system of any tow vehicle. There are a variety of suspension systems available on tow vehicles today which will effect the ball height, stability and levelness of the RV when hooked up to the vehicle. Make certain your dealer is aware of the type of tow vehicle that will be used so a compatible hook-up can be achieved.

### SPECIFICATIONS

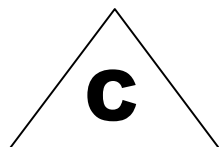
MODEL	HEIGHT
All models . . . . .	16"

The ball size on all folding camping trailers is 2 inches.

## Hookup

Hooking up a camper is not difficult and will become easier with practice. The following procedure will help you until you become more experienced.

1. When closing your folding camping trailer to depart from the campsite (before removing the crank for storage), be sure to place slight tension on the cables of the lifter system by turning the crank in the "UP" movement to make it taut taking caution not to overtighten. Make sure that you have carefully read and understand all of the instructions for closing your camper.




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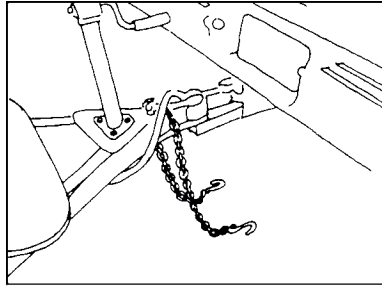
**CAUTION:** It is very important to place tension on the cable system to prevent them from becoming tangled. If the cables become tangled, it could lead to breakage of the lifter cables when the roof is raised.

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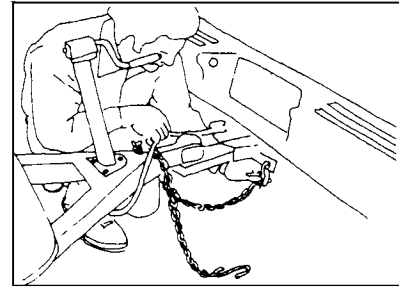
2. Turn crank on jack to raise tongue of trailer above hitch ball on hitch.
3. Open coupler latch.
4. Back tow vehicle into proper position.
5. Turn crank on jack to lower coupler onto ball hitch.
6. Close coupler latch after completely seated.
7. Install weight distributing bars (equalizers) as per recommendations from hitch supplier, when required.
8. Remove dolly wheel and retract tongue jack to its maximum height.
9. Attach cable for break-away to tow vehicle.
10. Attach safety chains as shown in Figure 3-1.
11. Plug in your 12-volt electrical connector from tow-vehicle to trailer.
12. The following items should be inspected prior to your journey:
  - All lights should be in working order
  - Stabilizer jacks should be in the retracted position
  - Entrance steps should be in the retracted position
  - Refrigerator door should be closed and locked
  - All loose items should be secured
  - Brakes should be tested for operation prior to entering roadway
  - Tire pressure should be checked and maintained per the tire pressure stamped on the tire sidewall.

## The Safety Chain

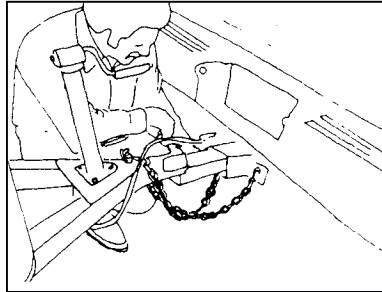
There are different safety chain requirements determined by the various state laws. Your vehicle is equipped with chains to meet SAE standard requirements for maximum gross trailer weight. Always have the safety chains attached when towing. Install them as shown below so they do not restrict sharp turns, but tight enough so they do not drag on the ground.



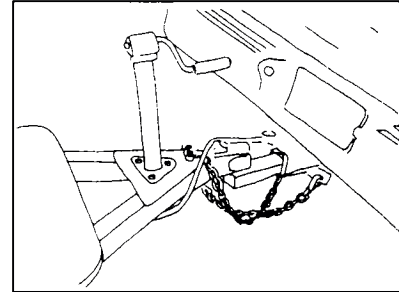
1. Inspect chains to determine if they are properly attached to trailer frame.



2. Criss-cross left chain and attach to right mounting slot in trailer hitch.



3. Repeat step 2 with right chain. Slack for each length should be the same but not more than necessary to permit the vehicle to turn at their minimum radius.



4. Properly mounted safety chain. Note that the jack is fully raised and dolly wheel removed.

## Towing

While towing your Jayco folding camping trailer you need to be aware of the extra weight behind your vehicle. The following lists some pointers to remember while traveling.

- With the trailer attached you will have slower acceleration and need more distance to stop.
- Ensure you have enough area at corners when turning, as wider turns are necessary. Utilize your turn signals for your own safety.
- When passing or changing lanes, take into consideration the overall length of your RV and allow ample distance and time.
- Use your rearview mirrors frequently to observe your trailer and traffic conditions.
- When being passed by a large truck or bus, be prepared for displaced air as it may cause you to sway slightly.
- Upon climbing steep, long grades and again descending, use lower gears even before it seems necessary. Use your brakes smoothly and evenly.
- Decrease your speed for safety! Most states require cars pulling trailers to maintain slower speeds, usually the same as truck traffic.
- Drive slowly during wet and icy conditions to ensure better control of your vehicle.
- Check all exterior lights before each trip.
- Obey traffic laws, allow extra time for stopping and decrease speed when visibility is limited or roads are wet.
- Have a safe and wonderful trip.

If towing a trailer is new for you, please take time to practice towing, parking and backing skills prior to traveling. Your dealer can answer many of your questions, but nothing replaces practice. We recommend you find a large and quiet parking lot to practice your skills.

## TRAVELING

### Weights and Cargo Capacity

For safety reasons, it is very important to provide RV owners with the most accurate weight information available. The “Federal Certification” label (Figure 3-2), located on the roadside front corner of the campint trailer is shown here. The weight terms an owner needs to understand when operating a towable recreation vehicle are defined on the “Trailer Weight Information” label (Figure 3-3), which will be found on the inside surface of the lower entry door..

The weight provided in the Jayco literature for your camper is based on standard equipment on that particular model and are “dry” (i.e. no liquids or cargo). Remember that any options or personal cargo added must be subtracted from the available cargo capacity. **Never exceed the gross vehicle weight rating of your camper.**



**WARNING: Do not add accessories or components that are not safe and appropriate for this product. Jayco DOES NOT provide warranty coverage for equipment installed by dealer or owner for such modification or additions. Any such modifications effect weight specifications AND CAN ADVERSELY AFFECT HANDLING AND STABILITY OF THE UNIT, AS WELL AS ACCELERATE WEAR TO OTHER COMPONENTS.**

MANUFACTURED BY : JAYCO, INC.		DATE : _____	
FABRIQUÉ PAR :			
GVWR/PNBV KG.	VIN/NIV	PRESS./ COLD INFL. PRESS. DE GONFL. À FROID	
	SIZE/DIMENSION	PSI/LPC	KPA
GAWR/PNBE	TIRE/PNEU	RIM/IANTE	
FRONT / DEVANT			
INT/ CENTRAL			
REAR/ ARRIÈRE			
TYPE OF VEHICLE/TYPE DE VÉHICULE		TRAILER/REMORQUE	
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDEDERAL MOTOR VEHICLE SAFETY STANDARDS AND STANDARDS PRESCRIBED UNNDER THE CANADIAN MOTOR VEHICLE SAFETY REGULATIONS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.		CE VÉHICULE EST CONFORME À TOUTES LES NORMES QUI LUI SONT APPLICABLES EN VERTU DU REGLÈMENT SUR LA SÉCURITÉ DES VÉHICLUES AUTO-MOBLES DU CANADA EN VIGUER À LA DATE DE SA FABRICATION CI-DESSUS.	

Figure 3-2



**WARNING: Your recreation vehicle’s load capacity is designated by weight, not by volume, so you cannot necessarily use all available space when loading the vehicle. Do not exceed your gross vehicle weight capacity and ensure you are loading the unit as evenly as you can for the best possible handling. Ensure heavy items are secured so they do not shift during travel.**

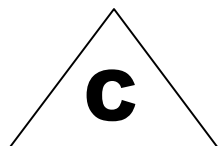


TRAILER WEIGHT INFORMATION	
VIN or SERIAL NUMBER	_____
MODEL	_____
<p><u>GVWR</u> (Gross Vehicle Weight Rating) is the maximum permissible weight of this trailer when separated from the tow vehicle.</p> <p><u>UVW</u> (Unloaded Vehicle Weight) is the total weight of this trailer as manufactured at the factory when separated from the tow vehicle. If applicable, it includes full generator fuel, engine oil, and coolants.</p> <p><u>CCC</u> (Cargo Carrying Capacity) is equal to GVWR minus each of the following: UVW, full fresh (potable) water weight (including the water heater), full LP-gas weight.</p> <p><u>GCWR</u> (Gross Combination Weight Rating) means the value specified by the trailer manufacturer as the maximum allowable weight of this trailer with its towed trailer or towed vehicle.</p> <p>**The GCWR of this trailer is:                      Ø</p>	
<p align="center"><b>CARGO CARRYING CAPACITY (CCC) COMPUTATION</b></p> <p align="right">Pounds / Kilograms (kg.)</p> <p>GVWR .....</p> <p>Minus UVW .....</p> <p>Minus fresh water weight of ____gallons @ 8.33 Lbs./gal.....</p> <p>Minus LP-gas weight of ____ gallons @ 4.24 Lbs./gal.....</p> <p>CCC for this trailer*.....</p> <p>*Dealer installed equipment will reduce the CCC.</p> <p>**This trailer is not recommended or intended to be used to tow any other vehicle or trailer.</p> <p align="center"><b>CONSULT OWNER MANUAL(S) FOR SPECIFIC WEIGHING INSTRUCTIONS AND TOWING GUIDELINES.</b></p>	

Figure 3-3

## LOADING CARGO

Packing equipment requires serious consideration. All cargo should be distributed evenly with the heaviest items stored in the lower cabinets. Heavy items must be secured to prevent weight shifts during travel. Additional weight should be added to either side of the trailer, or behind or in front of the axle in an even manner so the balance and hitch weight of the trailer are maintained.




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**CAUTION:** DO NOT overload your folding camping trailer. Do not exceed the GVWR of your Jayco folding camping trailer.

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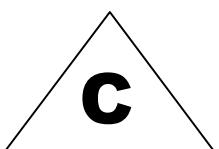
When loading is completed, it is strongly suggested that you drive to a large scale and have your folding camping trailer weighed. If you are overloaded, it is advisable that you remove some of your cargo or liquids.




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**WARNING:** The rear bumper on a folding camping trailer is not designed to carry additional weight. Never add items such as generators, motorcycle racks, heavy tool boxes, etc. to the back of your folding camping trailer. Channel bumpers can twist, flex, develop metal fatigue and weld stress. Weight behind the axle lightens the hitch weight and will magnify any sway that occurs when passing trucks or driving in gusty winds. Excess weight may cause a severe sway that you may not be able to control. Damage to your property can occur and also endanger vehicles following your camper during travel and could possibly cause an accident. Towing a trailer behind your Jayco trailer or overloading the rear may result in damage to your trailer or to the added items, or cause towing difficulties, resulting in property damage or personal injury.

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**CAUTION:** Damage from add-on equipment or improper loading is not covered by your Jayco Limited Warranty.

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**Your Jayco folding camping trailer roof has a weight limit of 350 pounds in the travel mode.** To assist in calculating the weight of options available, we provide the following guide. Be sure to include the weight of items in soft storage compartments to the total weight.

**NOTE:** Weights of canopies, bike or boat racks, are based on Jayco provided brands, and are empty weights. If you purchase other brands, obtain their weights from their representatives.

Canopy .....	26-31 pounds
Bike Rack .....	41 pounds
Boat Rack .....	26 pounds
Additional bike kits .....	18 pounds
13,500 air conditioner .....	Average 100 pounds




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**WARNING:** Never attempt to raise the camping trailer roof with removable cargo still in place. The maximum weight that can be lifted is 250 pounds. The 250 pounds includes all attached options such as: bike rack, canopy, air conditioning and boat rack.

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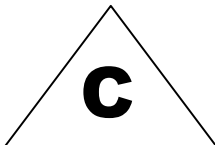
**Never mount a storage pod directly to the roof.** It is necessary to provide a rack system which secures to the outer edges of the roof to support and evenly distribute the weight of the storage pod. Consult your dealer for proper installation.

**Never walk on the roof.** The roof of a folding camping trailer is not designed to accommodate the weight, scratches, dents and punctures that can occur from walking on the roof.

**Weight distribution is very important. Improper distribution, as well as overloading the camping trailer can cause poor handling and sway during towing. Heavier items should always be packed over or in front of the axles. Personal cargo should be evenly distributed throughout the camping trailer. When installing a bike rack it should be centered over or in front of the camping trailer axles.**



**WARNING:** We recommend that you **DO NOT** travel with waste in your holding tanks. Full holding tanks are not calculated into the cargo carrying capacity of the unit and the extra weight will greatly diminish the cargo weight available to you, possibly causing you to exceed the gross vehicle weight rating of the unit. This can damage suspension components, such as springs, tires and axles. If your model has the holding tank located behind the axles, the weight of a full tank will reduce the hitch weight. Sway and other handling difficulties can be the result of the hitch weight being too light. If you are dry camping and cannot immediately empty the tanks, use caution when towing and maintain lower speeds for better control of the trailer until you reach a dumping station. Towing your trailer with one or more full or nearly full holding tank(s), together with cargo you have added, may exceed the GVWR of your trailer, causing towing difficulties and resulting in property damage or personal injury.



**CAUTION:** NEVER attempt to raise the trailer by placing a jack under the axle. Lifting the trailer by this method may alter the camber in the axle causing permanent damage.

**Option Weight Listing**  
(Approximate Added Weight Listed in Pounds)

12' UNIT

Spare Tire .....	34
Hydraulic Brakes .....	48
Refrigerator - 2 cu. ft. - 3 way .....	18
Refrigerator - 2.4 cu. ft. ....	43
Canopy .....	31
Deluxe Screen Room .....	19
Screen Room .....	21
Furnace .....	19
Air Conditioner .....	110 maximum
Extra Table .....	25
Double Gas Bottle .....	19
BBQ Grill .....	20

**NOTE:** LP Gas weighs 4.25 lbs. per gallon.  
Water weighs 8.32 lbs. per gallon.  
Other small option items are 5 pounds or less.

## Weighing Instructions

To properly weigh your recreation vehicle, it should first be weighed, including the tongue weight, while detached from the tow vehicle. This actual overall weight must be less than or equal to the GVWR for safe operation. If the overall weight is greater than the GVWR, some contents must be removed until the maximum GVWR limitations are achieved. Once the actual overall weight is determined and the recreation vehicle is within GVWR limits, the following weights should be determined:

1. The weight of complete recreation vehicle, while attached, but excluding the tow vehicle. This will result in the actual weight which is exerted on all of the recreation vehicle tires. This weight may be subtracted from the overall recreation vehicle weight (above) to determine the actual "tongue" weight.
2. With the recreation vehicle still attached to the tow vehicle, each wheel position should then be weighed separately to be sure each tire is not overloaded.

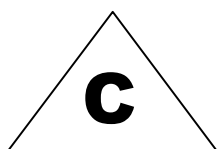
### To determine the wheel position weight:

- Pull the recreation vehicle onto the scale so that only one tire is on the scale. Record the weight. Your trailer must remain as level as possible on the scale (even though an axle or side is not physically on the scale).
- Obviously, to obtain the side-to-side weights, there must be enough space on either side of the scale to accommodate the recreation vehicle being partially off the scale. To calculate the opposite side of the vehicle wheel position weight, subtract the first side's weight from the weight determined in step #1.

If there is a difference in the weights on one side of the vehicle as compared to weights on the other side, components (tires, wheels, brakes, springs, etc.) on the heavier side could be overloaded, even though the total axle load is within the GVWR. It is important to redistribute the load to avoid component failure, as well as to improve the handling characteristics of the vehicle.

## TIRES

The tires of all Jayco units are supplied by companies for RV use, and tested under D.O.T. standards at allowed speed limits on highways. They are constructed of nylon cord designed to offer strength and extra mileage in various types of weather. The air pressure should be kept at its recommended pressure, which is stamped on the tire sidewall. Always check the tires when they are cold. As tires are in motion, temperature will rise and air pressure will increase. DO NOT release air pressure as tires become hot, as the tires will then be under-inflated as they cool.



**CAUTION:** It is recommended that the tire pressure be checked at the beginning of each journey to obtain the maximum life of the tires.

**Tire Chart**

MODEL	TIRE SIZE	LOAD RANGE	MAXIMUM LOAD
Ranier	175/80R x 13	C	1360
Laurel, Manistee, Potomac	185/80R x 13	C	1480

**INFLATION:** Always follow the inflation guidelines printed on the sidewall of the tire for maximum load capacity.

Any replacement of tire **MUST** be rated equal to original tire in maximum load capacity.



## WHEEL LUGS

When the wheels are installed on your Jayco the lug nuts must be tightened at 50-75 foot pounds of torque.



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**WARNING:** Axles on camping trailers do not drive or steer as automobile axles do. The motions involved in being “trailed” adds stress that can loosen lug nuts, especially during the break in period. Wheel lugs can work loose. Check and tighten wheel lugs every 10, 25, and 50 miles when the camping trailer is new or a tire is changed, and then check and tighten after periods of extensive breaking (such as coming down a steep grade) and every 3,000 miles.

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During your first trip, check the wheel lugs periodically for safety. The wheel lugs should then be checked after winter storage, before starting a trip, or following extensive braking. Over-tightening can distort wheel. Please observe the above recommendations for your safety and that of others.

## BRAKES

A controller should be installed below the dashboard of your tow vehicle to work in conjunction with the folding camping trailer brakes. Two types of controllers are available. The “hydraulic” controller operate through a steel line attached to the master cylinder of the tow vehicle’s brake system. The “electronic” controller operates using electrical current. Reference the operating instructions provided with the controller for adjustment and operation procedures.

### Electric

Electric brakes on your recreation vehicle are designed to work in conjunction with the hydraulic brakes on your tow vehicle. This means that in order to have the best brake performance on both systems, the trailer and tow vehicle must perform and operate together. Any attempt to use either brake system alone will cause accelerated wear and damage.

The battery in the tow vehicle is the primary power source that operates the brakes in your folding camping trailer. Keep your battery and charging system in working operation to ensure available energy when required.

From the battery, power is sent to the controller to provide the correct amount of current to brake the folding camping trailer. Use the tow vehicle’s brake pedal control for general operation on combined use of both brake systems. The controller’s manual control is to be used only in special situations such as indicated in the instructions supplied with the control. In the open position, the manual control breaks the electrical current preventing brake engagement. When in the closed position, electrical current will flow to the brake assemblies.

Wiring to operate your brakes must be sized in both vehicles, suggesting a minimum of 14 gauge. Your camping trailer has 14 gauge wire from the front end to the brakes.

Brake assemblies are wired in parallel, never in a series. Being parallel, there will be equal voltage and amperage at each brake assembly for equal braking capability and/or performance.

WHEN YOUR FOLDING CAMPING TRAILER IS NEW IT IS IMPOSSIBLE TO ADJUST YOUR BRAKE SHOE PRECISELY. IT TAKES APPROXIMATELY 1,000 MILES AND/OR 50 MEDIUM TO HEAVY STOPS TO “BURNISH” FIT OR SEAT THE SHOES TO THE DRUM. AFTER THIS INITIAL BREAK-IN, YOU CAN NOW ADJUST YOUR BRAKE SHOES ACCURATELY FOR THE BEST PERFORMANCE AND INCREASED DURABILITY.

## Breakaway Switch

The breakaway switch is one of the most important parts of your trailer electric brake system. The very instant a breakaway occurs, the pull pin which is linked to the tow car, is pulled from the switch. The two contacts automatically close to complete the electrical circuit and apply the trailer brakes. This system will apply the brakes of the trailer if it would break away from the tow vehicle. A 12-volt battery is required to power the breakaway switch.



**WARNING: NEVER use the breakaway switch and trailer brake system as a parking brake. Usage in this way would place undo strain on the battery and converter, potentially causing damage to the wiring, connectors, and breakaway switch.**

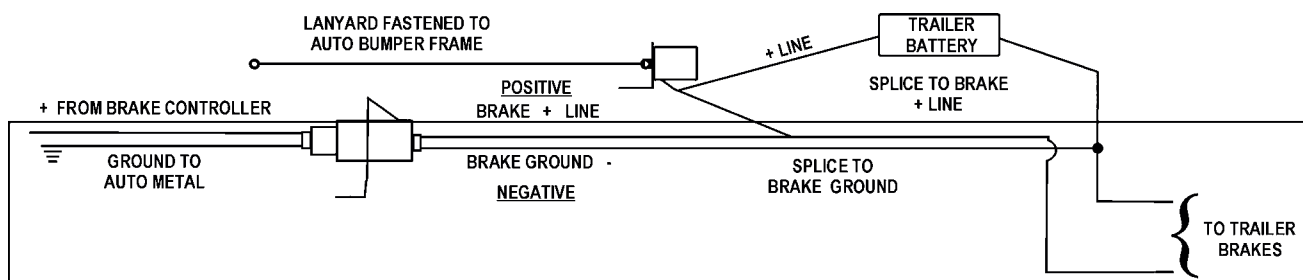


Figure 3-4

## Hydraulic

Your folding camping trailer may be equipped with hydraulic surge brakes. These brakes operate automatically as the tow vehicle's brakes are applied. When the tow vehicle operator begins to decrease speed and apply the brakes, the weight of the moving folding camping trailer pushes forward and the coupler moves downward. This pressure moves the plunger, which in turn pushes the piston and rubber cup inside the master cylinder. Brake fluid presses inside the wheel cylinder and activates the brake shoes against the drum.

## Backing Your Trailer

As designed, the weight of a camper pushing forward will activate the surge brake system. When backing a camper up a hill, the weight of the camper may activate brakes, making it difficult to continue to reverse.

1. Prior to backing up a slope or through soft ground, pull trailer forward slightly to assure that the actuator socket is in the forward position.
2. Move the lever knob on the side of the actuator downward from the "Towing Position" along the curved slot in the actuator frame to the "Back-up Position." The slot has a notch at the bottom of its travel. Push the lever down to engage the locking notch.
3. Back trailer up. This latch will slide into the correct position when pulling forward.

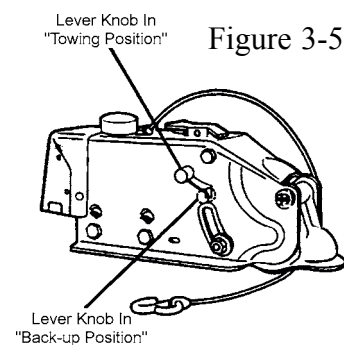


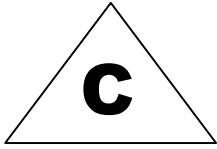
Figure 3-5

**NOTE:** It is extremely important to keep the master cylinder full at all times. An empty cylinder invites moisture.

## Breakaway Protection

The hydraulic brake system is equipped with a breakaway cable or chain. When towing, this cable or chain should be attached loosely to a frame member of the tow vehicle leaving enough clearance so that the trailer can turn freely without actuating the breakaway device.

Should the trailer separate from the tow vehicle, the breakaway cable will actuate the master cylinder, locking the brakes. This will stop the trailer in the shortest possible distance.



---

**CAUTION:** Breakaway switch should be fully released during vehicle operation. Check before towing. Do not use breakaway switch as a parking brake as it draws current and can overheat, damaging equipment.

---

## FIRE EXTINGUISHER

A fire extinguisher is installed near the entrance door in the RV coach. Be familiar with its location and operating instructions as printed on the extinguisher. It's too late to become familiar with an extinguisher when an emergency is at hand.

The fire extinguisher is a dry chemical, non-refillable extinguisher. Do not test this extinguisher. Doing so will cause loss of pressure making the extinguisher unusable. The extinguisher must be discarded and replaced by a new one if any use has occurred.

## SOFT SHADES

Soft shades are located at each window and can be opened and closed by pressing the small buttons on each side of the black locks and drawing drape up or down to the desired position.



---

**WARNING:** Keep soft shades in the upper most position while cooking on the range top to prevent fire hazards.

---



---

**WARNING:** Never leave small children in the camper unattended. Children can become entangled in the soft shade cords.

---

## SETTING UP YOUR FOLDING CAMPING TRAILER



**WARNING:** Never leave your folding camping trailer plugged in to the 120 volt AC outlet while it is folded down. This would make the converter continue to run which can cause overheating and present a fire hazard.

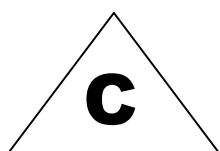
### Opening Your Camper

After parking your Jayco folding camping trailer, disconnect the camping trailer from the tow vehicle. The trailer should be on level ground and the tires blocked so it will not roll away. **DO NOT USE THE STABILIZER JACKS TO LEVEL THE CAMPING TRAILER. THEY ARE INTENDED TO STABILIZE THE UNIT AND WILL NOT SUPPORT ITS WEIGHT.** If your camping trailer is not level, you may experience difficulty with its set up, particularly with the fit of the entrance door.

### IMPORTANT:

We recommend that well in advance of any trip, you set up your folding camping trailer and using a garden hose, thoroughly soak the tent with a light spray of water. After the tent dries, repeat the soaking process three additional times. This process seasons the canvas and seams. **DO NOT** spray directly on the canvas with a high pressure hose. If you do not follow this procedure, you may experience some water seepage during the first few exposures to rain. Let tent dry thoroughly before storing to prevent mildew and odors. If you note any water seepage or leaks after seasoning your tent, let the tent dry, then spray water repellant on the **INSIDE** of the seams where seepage occurs. One or two applications of water repellant may be necessary to stop all water seepage in seams where thread enters the fabric.

**NOTE:** Touching the tent canvas when it is wet can cause leakage. If leakage persists, please contact your dealer for assistance.



1. Unfasten each roof latch (Fig. 3-6).

**CAUTION:** Never attempt to crank the roof until all roof latches are unlocked and free (Fig. 3-6). **NEVER LIFT ROOF WITH CARGO IN PLACE.**

Figure 3-6



Figure 3-7



2. Open door at crank compartment (Fig. 3-7).
3. Insert the crank into the square tube and turn in a clockwise direction to raise.
4. Raise the roof until the tent is loosely extended.

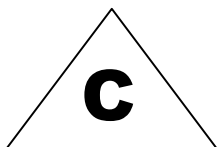
**NOTE:** At this point, the roof needs to be high enough to ensure that the tent will not be in the path of the bed slide during the bed setup.

5. Lower the stabilizer jacks (Figure 3-8) by placing the provided jack crank onto the jack shaft and turn it clockwise to lower. Lower jack until frame begins to rise slightly. Equalize stabilizer jacks for best support. You may need to adjust the stabilizer jacks two or three times.

**NOTE:** Road dirt and grime will sometimes make jacks difficult to operate. You may need to clean out before operating. To maintain stabilizer jacks keep clean and lubricate twice a year using only silicone lubricants. Oils will attract dirt and cause additional problems.

Do not place excessive weight on these jacks as they are intended to stabilize, not support the camper. The camper should be level.

Figure 3-8



bed slide.

**CAUTION:** (For models with slideout) Pull the slideout tent outside of the unit BEFORE pulling the beds out. Make sure that all tent material is clear from the

6. Pull beds out until the rail hits the bed stop. Distribute the awning panel over the bunk and place the corners of tent over the corner of the bed. Again, be sure the beds are now extended all the way out against the stops.



**WARNING:** Do not use bed braces if they are bent or damaged. Replace all damaged braces.

7. The bed braces are attached to the bottom of the bed extension. (Figure 3-9) Place the

Bed Brace Storage

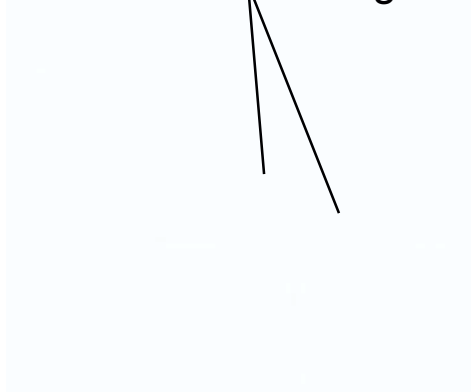


Figure 3-9

Bed Brace Placement

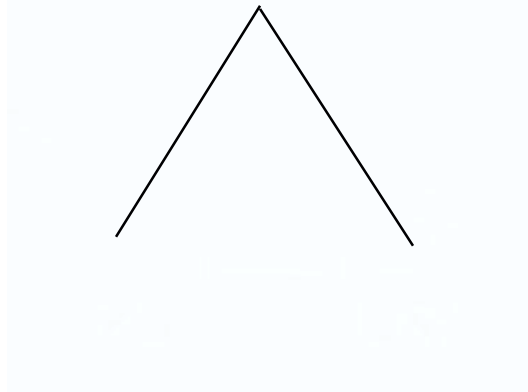


Figure 3-10

flattened end of the straight bed braces into the slot provided on the frame of the camper.  
(Figure 3-10)

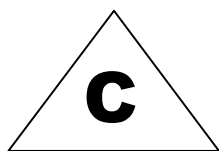


Figure 3-11



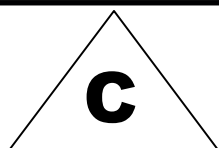
Figure 3-12

8. Now, complete raising the roof until the gray limit cable is almost tight and the tent is almost taut. DO NOT OVERTIGHTEN. (Fig 3-11)

---

**CAUTION:** If the limit cable is raised too high, lifter system/tent damage could occur and the door will not fit properly.

---



#### FOR MODELS WITH SLIDEOUT

- a. Unlock Slideout. (Fig. 3-12) The lock is located on the outside of the folding camping trailer. (One exception to this is the Ranier model. This lock is located inside under the couch.)
- b. Pull out the slideout using the handle(s) located on the side of the slideout.

---

**CAUTION:** Do not extend slideout before pulling beds out.

---

- c. Lock slideout.

Figure 3-13





Figure 3-14



Figure 3-15

- d. Pull bed flaps located on the side of the slideout out over edge and attach to the Velcro.
  - e. Enter the unit and set up the kitchen flip-top. Attach the stove grate.
9. Inside the unit, insert the bed bow brace at the bed bow connector. Push the bed bow outward and upward while pressing on the button farthest from the end and slip it into the bracket mounted on the roof. Release the button. (Fig. 3-13)



Figure 3-16



Figure 3-17

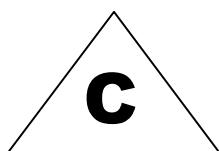
10. Unsnap the ties holding the door to the roof (Fig. 3-14). Rotate the turn button (Fig. 3-15) located on the bottom of door 1/4 turn to unlock it. Swing the door down following the ceiling track (Fig. 3-16) and place the bottom of the door in the floor track. Insert the top of the door and hand tighten the plastic screws. Lock both barrel locks (Fig. 3-17) on the side of the door.
11. Insert the canvas by folding the hard edge of the tent (Fig. 3-18) over 180° and inserting this portion into the channel of the screen door, starting at the bottom. This assures the best possible fit. Attach the Velcro.



Figure 3-18



12. For models without a slideout, set up the kitchen flip top and attach the stove grate.
13. Attach the soft storage compartments.
14. Exit the unit and pull the bed flaps over corners of the bed until the flaps are extended under the bed. Securely attach the Velcro.



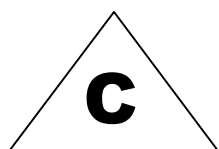
**CAUTION:** The roof has a weight limit of 350 pounds in the travel mode. The maximum weight that can be lifted is 250 pounds. The items in the soft storage compartments will need to be included in this final total. Remove all soft storage compartments before lowering or raising the roof. Weights for the soft storage compartments are as follows.

- SofStor Overhead Storage: ..... 75 lbs.
- SofStor Wardrobe Storage: ..... 75 lbs.
- SofStor Organizer ..... 50 lbs.
- KidStuf Cargo Bunk Organizer ..... 10 lbs.

## Closing Camper for Travel

### INSIDE

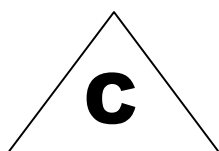
1. Remove all of the soft storage compartments
2. Enter the camper and remove the canvas from the screen door by pulling the canvas away from the channel, beginning at the TOP of the door and proceeding to the bottom.
3. Disengage the barrel locks. Unscrew the plastic screws and remove the door from the top track. Remove the door from the bottom track and slide the door to the travel position and lock it in place with the turn button located on the bottom of the door by turning 1/4 turn. Snap the ties holding the door to the roof.
4. Zip all the windows closed.
5. Roll all the privacy drapes to the ceiling by pressing both buttons on either side of the black locks and drawing the locks upward.
6. Remove the bow braces from the bracket on the roof and pull the brace to the center of the camping trailer. Remove the bow brace from the peg on the bed bow. Place the bed bows under the bed mattress.
7. Remove the stove grate and place the kitchen flip top in the travel position.



**CAUTION:** Failure to properly position the kitchen flip top for travel can result in roof damage and prevent the roof from lowering properly.

### OUTSIDE

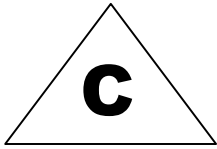
8. Raise the stabilizer jacks to their upright position. Insert the crank and turn it counterclockwise until the jack is tight, then turn the crank an additional 1/8 of a turn (snug tight).



**CAUTION:** DO NOT push beds or slideout in until ALL Velcro is detached. Push beds and slideout in COMPLETELY before beginning to lower roof. Failure to push the beds and slideout in completely BEFORE lowering roof can damage tent components. This damage is not covered by your Jayco Limited Warranty.

### FOR MODELS WITH SLIDEOUTS

- a. Unfasten the Velcro and snaps from the slideout and place and place the tent inside the slideout.
- b. Unlock the slideout.
- c. Push the slidout into the travel position.
- d. Lock the slideout.
- e. Pull the tent out of the slideout to ensure that the bed slides do not rip the tent.

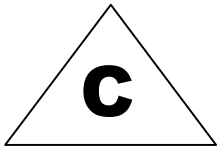


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**CAUTION:** Make sure the slideout tent is pulled to the outside of the unit before the bed ends are pushed in. Failure to do this could result in cutting the slideout area of the tent.

---

9. Unfasten the Velcro on the bed ends and fold the canvas into the center of the mattress, keeping the material out of the bed track area.
10. Detach the bottom of the bed braces and attach them to the brackets under the beds and push the beds in carefully and completely.
11. Lower the roof half to two-thirds down. Reach inside and distribute the awning panel of the tent and drape it **EVENLY** across the beds and the slideout (if applicable).
12. Continue to lower the roof until the final 6-8". Using both hands and arms, push the tent from each side, as well as the front and rear, into the center of camper evenly. Carefully continue to lower roof.
13. Attach the roof latches to the clips. Due to air pockets, the roof may need to be pushed down with your hand the last 1-2".
14. Before removing crank, tighten the cable system by turning the crank in the "UP" movement to make it taut taking caution not to overtighten it. This will place slight tension on the cable system and avoid the cables becoming loose and entangled.



---

**CAUTION:** It is very important to place tension on the cable system to prevent them from becoming tangled. If the cables become tangled, it could lead to breakage of the lifter cables when the roof is raised.

---

15. Remove the crank and place in the storage area inside the camper.
16. Close the door to the crank compartment.

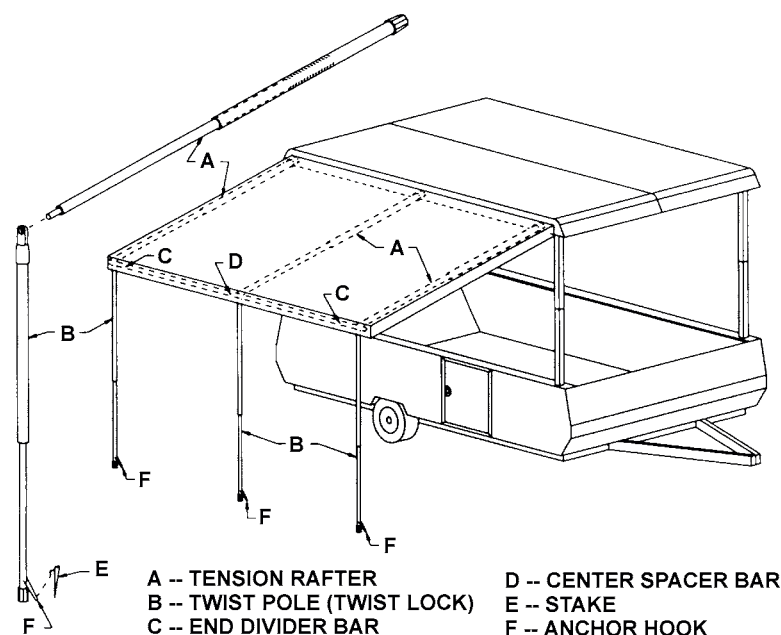


Figure 3-19

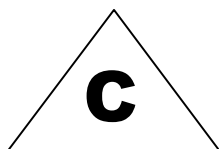
## CANOPY SETUP

Your canopy has been designed and built with quality material to give you years of trouble free service with low maintenance.

Read these instructions fully before beginning setup. Become familiar with each pole, its description and where it belongs. (Fig. 3-19)

One person can do the setup, but two people will make it easier.

1. Open zipper and unroll canopy fabric.
2. Insert the two end divider bars "C" (with gray caps) and center spacer bar "D" (7/8" tube) into front pocket of the canopy. These bars may be left in the canopy during travel or storage, but should be removed during winter storage to avoid corrosion.
3. Assemble the two parts of a tension rafter, Pole "A." Insert the peg through the "eye" of the twist pole "B" and then through the hole in the middle of the center spacer bar "D." Compress tension rafter and place in the center of the roof side board, as pictured. The metal tip from the tension rafter will rest against the side of the roof.
4. If no screen room is being installed, repeat step #3 on the front and rear tension rafter, inserting the end of the tension rafter through twist poles "B" and the end divider bars "C." Position tension rafter as in step #3.
5. After all the poles are installed:
  - a) Adjust the canopy to fit properly.
  - b) Adjust the height of the canopy with the twist lock poles.
  - c) Install the three stakes to anchor the canopy in case of strong winds.



**CAUTION:** Always install the stakes to avoid wind damage to the poles and the fabric. In severe wind it is best to remove the canopy. Wind and rain damage are not covered by warranty.



## SCREEN ROOM SETUP

1. The canopy must be setup through step #3 before attempting to attach the screen room. (See Canopy Setup.)
2. Open, unfold and spread screen room under canopy area. Enclosure must be on the outside of the twist poles. A grassy area or clean floor is suggested.
3. Each upper side panel has a pocket sewn into fabric. Slide a two-piece tension rafter into pocket with the white crutch tip to be placed against side panel of the roof. Insert crutch tip at outer edge, and push in toward unit.
4. Insert peg through the "eye" of the twist pole "B" and then through the hole at the outer end of end divider bar "C". The white rubber crutch tip will rest against the side of the roof.
5. Attach the Velcro hook sewn to the inner side of canopy to the Velcro loop sewn to the outer side of the screen room, full length.
6. Wrap lifter post covers around posts and attach with Velcro.
7. Ensure all snaps are secure, fastening skirt to frame of unit.
8. Attach Velcro from skirt to Velcro on screen room lower corners.
9. Adjust three twist poles "B" so bottom of screen room is just touching the ground.
10. Install the 7 stakes through the screen room loops to protect against wind damage.

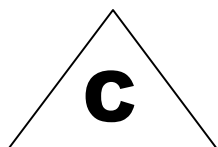
## CHAPTER 4 THE SYSTEMS

### PLUMBING SYSTEM

#### Fresh Water

Available in your Jayco folding camper is a fresh water tank.

1. A tank is located under the floor and is permanently installed. To fill the tank, open the lid as shown. (Fig. 4-1A) Insert or hold the water hose and fill to the desired capacity. When the tank is full, water will overflow from the fill hole. Do not leave the tank unattended during the filling process.




---

**CAUTION:** Overfilling the tank can potentially pressurize it and cause leakage.

---

Fig. 4-1-A (on left in photo)  
Fig. 4-1-B (on right in photo)

2. Water may be received into the system through a direct hookup, referred to as “city water connection,” (Fig. 4-1B) when attached to entry supply and water hose.
3. To fill fresh water fill from city water fill, open the valve located in an interior cabinet and close the valve when the tank is filled. (Fig. 4-2)




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**WARNING:** The handle should be in the **TANK WATER** position when connecting to city water to avoid city water spill.

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Fig. 4-2

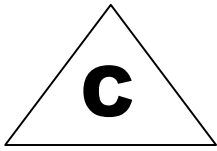
4. As part of the deluxe plumbing package, there is a 12-volt DC demand pump to supply water needs when not hooked direct to the city water connection. This device requires 12-volt DC power from either a deep cycle battery, or a converter when 120-volt AC power is available. A 12-volt DC switch is located on the side of the kitchen cabinet or, if applicable, on the monitor panel. When 12-volt DC power energizes the pump, it will self-prime and fill water lines and components. When pressure achieves approximately 40-45 pounds, the pump will shut off and restart when the pressure drops to 21 pounds. Some cycling of the pump may occur, depending on the volume of water used. A check valve is located inside the pump to prevent water from flowing into the supply tank. It is suggested that you turn the 12-volt DC power off at the switch when using direct water supply. There is no need to consume 12-volt DC power when it is not required.

**NOTE:** The water pump switch should be in the off position when the camper is left unattended for any amount of time. If something would happen to the water system, this will

ensure that water damage will be restricted to a small area.

## WATER PRESSURE REGULATOR

Due to the possible existence of high pressure in some campgrounds (80 pounds per square inch (psi) and higher) you may wish to use a removable 35-45 psi water regulator. Water systems in RVs are tested at 100 psi as specified by RVIA codes.



**CAUTION:** Not using a water pressure regulator when using the city water connection may cause the o-rings to blow. It is advisable to always utilize a water pressure regulator with the city water connection.

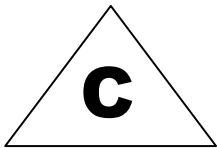
## OUTSIDE SHOWER

A convenient shower hose and head assembly with hot and cold water is available for exterior use to rinse, or wash items before entry into the camper. Carefully adjust the mixing valves for desired water temperature.

## SANITIZING POTABLE WATER SYSTEMS

To assure complete sanitation of your potable water system, it is recommended that the following procedures be followed on a new system, one that has not been used for a period of time, or one that may have become contaminated.

1. Prepare a chlorine solution using one gallon of water and 1/4 cup of household bleach (5% sodium hypochlorite solution). Pour solution into tank.
2. Complete filling of tank with fresh water. Open each faucet and drain cock until all air has been released from the pipes and entire system is filled.
3. Allow to stand for three hours.
4. Drain and flush with potable fresh water.
5. To remove any excessive chlorine taste or odor which might remain, prepare a solution of one quart vinegar to five gallons water and allow this solution to agitate in tank for several days by vehicle motion.
6. Drain tank and again flush with potable water.



**CAUTION:** Chlorine solution concentrations exceeding recommended levels may damage the water system.

## DRAINAGE - FRESH WATER

The water tanks may be drained through a valve located on the end of the tank. The tank is located under the floor on the road side of unit. The demand pressure pump system has low-point drains attached to water lines located near the water tank. These low-point drains will release water in the supply lines by opening the valves and all faucets. The water heater has its own water drain plug.

## DRAINAGE - WASTE WATER

Connect a hose to the drainage outlet (Fig. 4-3) and drain sink either to a

Figure 4-3

container to hold waste water or to a direct sewer inlet supplied by some campgrounds. Most campgrounds and some states prohibit sewer water drainage onto the open ground.



#### GRAY WATER HOLDING TANK (OPTION)

No special preparation is required. However, placing a small quantity of chemicals into this tank, such as baking soda or a Thetford chemical, will reduce odors from food particles in the system.

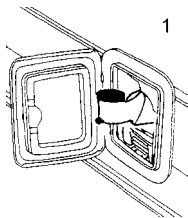
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**WARNING:** We recommend that you **DO NOT** travel with waste in your holding tanks. Full holding tanks are not calculated into the cargo carrying capacity of the unit and the extra weight will greatly diminish the cargo weight available to you, possibly causing you to exceed the gross vehicle weight rating of the unit. This can damage suspension components, such as springs, tires and axles. If your model has the holding tank located behind the axle, the weight of a full tank will reduce the hitch weight. Sway and other handling difficulties can be the result of the hitch weight being too light. If you are dry camping and cannot immediately empty the tank, use caution when towing and maintain lower speeds for better control of the trailer until you reach a dumping station. Towing your trailer with one or more full or nearly full holding tanks, together with cargo you have added, may exceed the GVWR of your trailer, causing towing difficulties and resulting in property damage or personal injury.

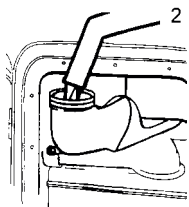
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## Cassette Toilet (Option)

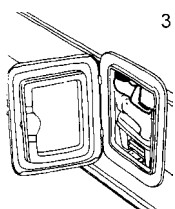
### PREPARING FOR USE



1. Open access door on the right side of the camper and swing out fresh water fill funnel.

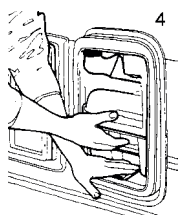


2. Fill the water tank with clean fresh water using a hose or jerrycan until water funnel level reaches neck. Tank capacity is 3.9 gallons.

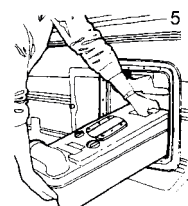


3. Replace cap. Swing water fill funnel inward until it touches side of water tank.

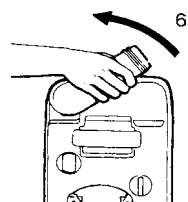
**NOTE:** 150 ml of water will remain in fill bottle when fresh water tank is empty.



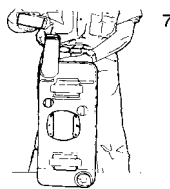
4. Remove the cassette by pressing the retaining clip down.



5. Remove cassette by pulling straight out. When cassette hits stop, tilt downward slightly and remove (stop for safety when cassette is full).

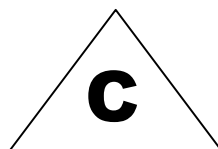


6. Position tank vertical and swivel pour-out spout upward.

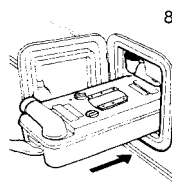


7. Remove cap. Remove Aqua Kem from storage compartment. Add given amount of Aqua Kem through pour-out spout. Add water until the bottom of the cassette is completely covered with liquid. Replace cap and return pour-out spout to its original stored position.

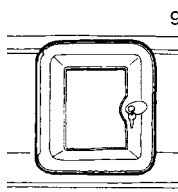
**NOTE:** The cap of the pour-out spout is packed together with the instructions for use. Hotter weather or longer retention time may require addition of more Aqua Kem.



**CAUTION:** Never add Aqua Kem through the valve blade or the toilet bowl. Pressure (due to heat and altitude change) can build up in the cassette tank and cause the contents of the bowl to splash upward upon opening the valve blade, if opened too fast.



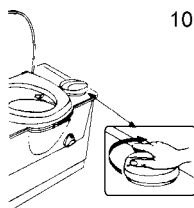
8. Slide the cassette, pour-out spout facing outside, into the camper through the access door. Be aware that sliding cover is placed correctly; the two arrows on top have to be pointed towards each other.



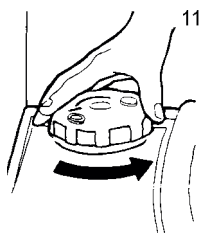
9. Make sure the cassette is locked with the cassette retaining clip.

## OPERATION

### Flushing



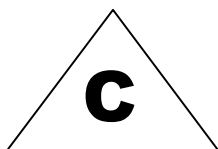
10. In order to prevent overpressure at high temperatures or difference in heights, open and close the valve blade once before use. Then add water to the bowl by turning the flush knob in a clockwise direction. When flush knob is released it will automatically turn back.



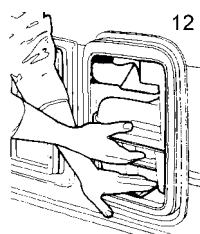
11. To flush after use, turn the valve knob counterclockwise and turn the flush knob. This procedure results in the best bowl rinse and most efficient use of water. After flushing, turn the knob clockwise to close the valve blade. The toilet can also be used with the valve blade open, which allows the waste to go directly into the holding tank.

### Emptying the Cassette

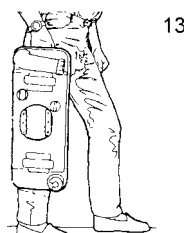
The cassette capacity is 5.3 gallons and should be emptied when the waste level gauge indicator goes from green to full red. The gauge does not begin to move from green to red until tank is over 3/4 full.



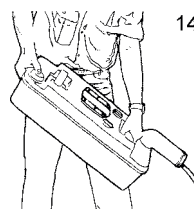
**CAUTION:** Do not allow cassette to become over-filled, see trouble shooting section for emergency emptying procedure. To empty cassette be sure that valve blade is in closed position.



12. Open the access door on the outside of the camper and remove the cassette tank by pressing the retaining clip.

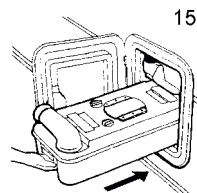


13. Carry cassette using lower carrying handle, pour-out spout up, to a normal household type toilet or other authorized disposal point. Set cassette in vertical position on ground and rotate pour-out spout upward.



14. Remove spout cap. Grasp unit by upper carrying handle nearest to pour-out spout. Place other hand on upper rear grip so that the air relief valve button can be depressed with thumb while emptying, to insure smooth outflow of tank contents. When empty, remove the sliding cover manually by sliding it towards the pour-out spout, rinse tank and valve blade area with water.

**NOTE:** Depress air release valve button only when pour-out spout is pointed downwards.



15. If necessary, make the toilet ready for use (see step #7). Slide cassette into the toilet and lock the access door.



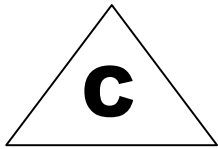
## Shower System (Standard on some models)

The shower system in the folding camping trailer is designed to provide an easy and convenient method of showering while in the privacy of your personal camper.

To operate the shower facility, observe the following steps:

1. Raise the shower countertop and secure the lock.
2. Raise the vertical post and snap it into position.
3. Swing the curtain track upward and attach it with the strap.
4. Prepare your curtains, shower and privacy, to prevent water from reaching areas other than the shower pan.
5. Ensure that the water heater is in operation.
6. Open the faucets and adjust the water to the desired temperature.
7. All used water will drain into the gray water tank located below the camper floor.
8. To drain the gray water holding tank, attach a 1-1/4 x 3/4" swivel adapter and hose to the termination valve. After attachments are secured and the hose is placed in the proper approved facility, open the valve and drain the tank. Rinse the gray water tank as desired with fresh water.

**NOTE:** The water heater has a six gallon capacity. The holding tank has a 17 gallon capacity.

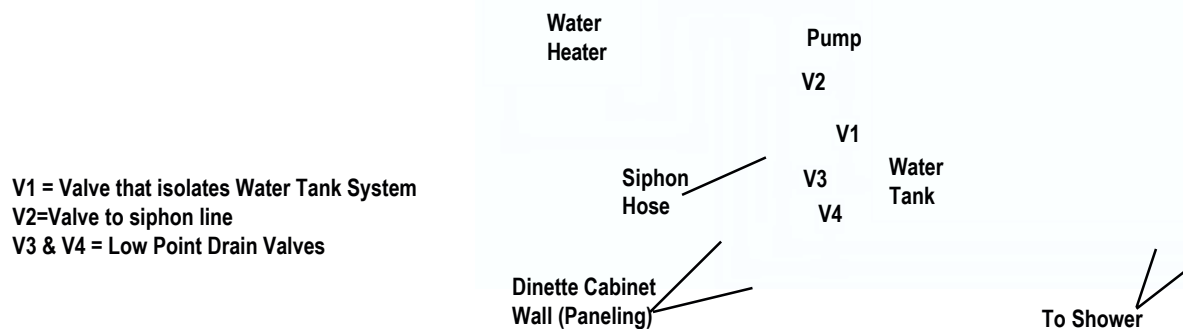


**CAUTION:** In units with the bath/shower option, ensure the shower head is secured in the wall holder before closing your folding camping trailer for moving or storage. If the shower head is left in the ceiling holder when the camper is closed, damage can result.

## Winterizing Camper

### DEMAND OR POWER PLUMBING SYSTEMS

Fig. 4-4



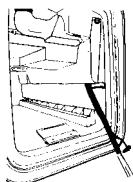
1. Drain all tanks and fresh water lines by opening the tank drain valve  $V_3$  &  $V_4$  (Fig. 4-4). The tank drain is outside the left front corner of the camping trailer. Also open all faucet valves for air to replace water space. Lines may not drain completely if faucets are not open.
2. Close valve  $V_3$  &  $V_4$  and ...
3. Close valve  $V_1$  to prevent anti-freeze from entering the tank.
4. Open valve  $V_2$  and insert the siphon hose into the container of non-toxic RV anti-freeze.
5. Start the demand pump to circulate anti-freeze throughout the system.

## DRAIN TRAPS

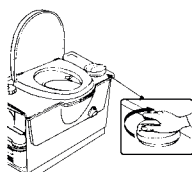
Since not all water can be drained from sinks and shower trap assemblies, pour 1 pint of non-toxic anti-freeze into traps.

## CASSETTE TOILET (Option)

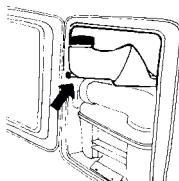
The Thetford Cassette Porta Potti is easily winterized for storage or cold weather use.



1. Empty the fresh water tank using drain tube. Position drain tube outward through door opening. Pull off the plug and drain water from tank.



2. Flush a few times by turning the flush knob to drain the pump assembly.  
**NOTICE:** Cassette has to be in. Empty the cassette afterwards.



3. Empty the water fill funnel by pulling the bottle away from tank. Remove small water cap at fill bottom, allowing water to drain from water funnel. **NOTE:** Do not tighten caps, this helps in keeping unit dry.

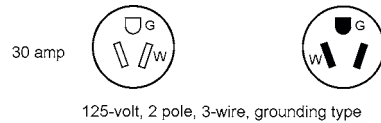


**WARNING: DO NOT use Ethylene Glycol (automotive anti-freeze) or Methanol (windshield washer anti-freeze) in your fresh water system because they are harmful and MAY BE FATAL if swallowed.**



## ELECTRICAL SYSTEM

The electrical system in this folding camping trailer is composed of 120-volt AC (alternating current) and 12-volt DC (direct current) capabilities. All installations are made in compliance with safety requirements of ANSI standard A.1192, National Electric Code, and Canadian Standards Association.



### Changes, Modifications and Additions

Any changes or additions made after delivery may cause a hazardous condition. Be sure to consult your local authorized dealer. Only qualified electrical technicians should attempt to make changes or additions to our electrical system, using only approved materials, components, and employing approved methods of installation, which meet safety and code requirements.

### 120-Volt AC System

Your folding camping trailer is equipped with a power cord prewired into the convertor. By opening the hatch door (Fig.4-) you can pull the power cord out from the compartment and attach it to a power supply. The power cord is rated at 30-amps. For Canadian units, the power cord is protected with a 30 amp main circuit breaker. This supplies 120-volt AC power to the camper receptacles built into the walls and cabinet. The power cord extends at least 20' from the camper depending on the floor plan of your unit.

Fig.4-5

It is strongly recommended to avoid the use of extension cords. If an extension cord is used, it **MUST** be the same amperage rating as the RV power cord. Using an improper extension cord will cause overheating of the cord and equipment as well as possibly causing premature failure of the AC equipment.



**WARNING:** Do not use an adapter, cheater, or extension cord that will break the continuity of the grounding circuit. **NEVER** remove the grounding pin to connect a non-grounded, two-prong receptacle. Any deviation from this will potentially cause a fire from overheating.

### GFCI

Each unit contains a Ground Fault Current Interrupter (GFCI) outlet. This special breaker has been designed to reduce the possible injury caused by electrical shock.

An example of ground fault current is the current which would flow through a person who is using or touching an appliance with faulty insulation and, at the same time, is in contact with an electrical ground such as a plumbing fixture, wet floor, or earth.

The GFCI breaker will not protect against short circuits or overloads. The circuit breaker or fuse in the electrical panel which supplies power to the circuit provides this protection.

When the GFCI breaker is tripped, it has interrupted ground fault current caused by such things as faulty insulation or wet wiring inside some appliance or equipment connected to the circuit. The faulty equipment should be repaired before it is used again.

This special breaker should be tested monthly while the camper is being used. See the manufacturer's owner's manual for more instructions.

To prevent accidental electrical shock, insure that the ground pin on the attachment plug cap is intact to the earth ground through the RV park receptacle. When plugged into a receptacle with no provision for the third pin, use an adapter with a pigtail that can be connected to the receptacle box, with the grounding circuit completed through the ground pin or RV park receptacle box. Any accidental short of a live circuit conductor will trip the circuit breaker indicating a shorted circuit. You should be certain that the polarity of the external power is not reversed, in order to avoid harm to appliances and personal electrical shock. Polarity indicators may be purchased in most electrical and hardware stores.

## TESTING INSTRUCTIONS GFCI

1. Plug a lamp or radio into the receptacle on the face of the GFCI.
2. Push and release the RESET button.
3. The lamp should light at this time.
4. Press the TEST button.
5. RESET button should pop out indicating "Trip" and the lamp should go out. (If the GFCI is manufactured with an indicator light, the light should glow when the device has tripped.)
6. If the GFCI did not trip, do not use. The ground fault protection is no longer working and the GFCI may not be working properly.
7. If the GFCI did not trip, call a qualified electrician. Do not use until an electrician has serviced this device.
8. To restore power after tripping, press in the RESET button. It must remain in. (If an indicator light is furnished, it will be off.)

## Air Conditioner (Optional)

If your folding camping trailer is equipped with an air conditioning prep package, an air conditioner may be installed by your dealer. For additional information, consult with your dealer.

## 12-Volt DC System

The 12-volt DC system is composed of numerous items such as converter, battery, fuses and lights. Explanation on these items will follow in this section.

### CONVERTER

The converter utilizes 120-volt AC power and transforms this energy into 12-volt DC power, which is used inside of the camper. 12-volt DC energy supplies power to all lights, furnace blower, and water pump (option).

The converter is a technologically advanced 20-amp PWM "switch mode" type, that can be used with computers. It is self-contained with built in circuit breakers and DC fuses. A quiet cooling fan provides ventilation and is thermally protected to shut down and cycle back on if overheating occurs.



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**WARNING:**

- Turn off all interior lights before folding the camper for transit as the bulbs may cause a fire hazard in the folded position and burn holes in tent.
  - Do not block converter ventilation.
- 

**Interior**

All 12-volt power comes from the converter or the black lead in the wire harness from the tow vehicle battery. Remember, to receive power from the converter you must have a 120-volt energy source available. 120-volt power may be turned off or on by switching the 120-volt breaker in the converter.

The “bunk” light will attach to the bed bow brace with a clip on the back of the light. To operate the light with 12-volt power, plug the cord into the receptacle located on the ceiling light, front or rear. A switch to control the bunk light is built into the light assembly.

A unit with a porch light will have the on/off switch built into the light assembly. The bunk light may also be used outside by clipping it to the optional canopy. When attached to the canopy, the bunk light will be connected to the porch light receptacle.

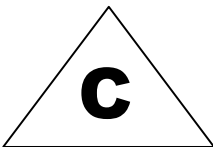
**Batteries (Option)**

All Jayco folding camping trailers are pre-wired to accept an auxiliary battery if so desired. The battery must be hooked up directly to red (positive) and white (negative) wires on trailer hitch, harness and frame using nothing less than 10 gauge wires.

The auxiliary battery may be installed to avoid discharging tow vehicle battery when 110-volt power is not available.

Camping trailers with power lift system will have a battery and box installed as part of the option package.

All battery packages installed by the manufacturer will have an “in-line” fuse and holder included for protection.



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**CAUTION:** When drawing current from the tow vehicle battery, be sure to avoid draining battery to a low point that the tow vehicle will not start.

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All Jayco folding camping trailers have ceiling light circuit directed through a master shut-off switch to prevent 12-volt current flow to ceiling lights with roof lowered. Periodically test light and switch to be sure switch adjustment is correct. Switch is located along bottom edge of roof on roadside.



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**WARNING:** The converter output is not intended to power the optional 3-way refrigerator. When the folding camping trailer is parked and the power cord is plugged in, set the 3-way refrigerator to “AC Power.” A “DC” mode is to be used when traveling and will pull its power from the auxiliary battery charge line. While camping without available AC power, utilize the “LP Gas” mode.

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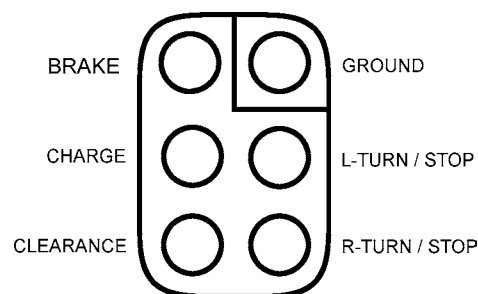
Please note, battery warranties are prorated.

## Battery Charger

The converter will automatically monitor and charge the auxiliary battery up to a 20-amp rate. In order to maintain the battery, one of two things is recommended:

- The battery can be stored in a fully charged condition.
- The battery can be hooked to a battery charger once per month.

Battery terminals and connectors, including vehicle frame connections, should be cleaned thoroughly, securely fastened, and coated with a silicone dielectric compound or petroleum jelly.



## Trailer Hitch Plug

All exterior vehicle lights are 12-volt and wired in accordance with the standard accepted color code:

### 6-Way Poly Mold with Cover

10G RED .....	Charge Line
16G GREEN .....	Clearance
10G WHITE .....	Ground
16G RED A .....	Left Turn/Stop
16G BROWN .....	Right Turn/Stop
12 G BLUE .....	Electric Brakes

The connector between tow vehicle and trailer may build up corrosion over a period of time. This is caused by weather elements, and should be cleaned occasionally to insure good electrical contact.



## Fuse and Bulb Chart

### FUSES:

Operation	Location	Circuit Number	Fuse Size	Type
Interior Lights/Water Pump/Radio (option)	in converter	1	15	Blade
Furnace	in converter	3	15	Blade
Refrigerator	in converter	2	15	Blade
Battery Pac (exterior)	in line by battery	4	20	Blade
LP Detector	Behind LP	N/A	1	Blade

Some components listed above are options.

### BULBS:

Interior .....	Ceiling, Bunk Lights .....	#921
Exterior .....	Porch Light .....	#912
Exterior .....	Tail Light / Signal .....	#1157
Exterior .....	Clearance .....	#194
Interior .....	Courtesy .....	TY67



**WARNING:** Do not replace circuit breakers or fuses with a higher current rating than those supplied with the new camper. Over-fusing can cause a fire hazard by overheating the electrical wiring.

When attaching wire leads to a tow vehicle, carefully insulate all connections for protection. Follow the instructions on instruction sheet provided with covered harness.

## LP FUEL SYSTEM

It is because of the LP gas system that your RV has the convenience of a refrigerator, stove, water-heater, and furnace. This system has containers that contain the fuel and also regulators to control the pressure of the fuel and supplies the gas vapor to the various appliances. When correctly used, the LP system is very effective and will ensure the comfort and added convenience for your vehicle. This system is also potentially very dangerous and should be used with care.

Liquefied petroleum (LP) is a product that is refined from crude oil through natural gases. LP gas is a colorless and odorless gas that in the liquefied state resembles water. An odorant is added as a warning agent. This is usually a sulfur compound which gives the gas the rotten egg, stinky, skunk oil odor. It is extremely important to become familiar with the odor associated with LP gas.

LP gas is stored in a pressurized canister in a liquid state. As the fuel is released from the canister, it becomes vapor that is needed for the operation of the appliances. In the liquid state, gas should not run through the appliances. A liquid fuel will damage the o-rings in the valves and also leave a sticky, oily residue causing poor or no operation in the regulator.

### LP Container

The tank or bottle is a D.O.T. approved container to hold fuel in liquid form, and is normally a 20# or 30# capacity. The open/close valve is to be closed at all times unless hooked up to LP gas system or filling container. When container is disconnected from hose and P.O.L. connection, install P.O.L. plastic plug as attached to container. This is required by RV industry, Gas Association, and for your own safety. Do not allow container (filled or empty) to move or roll around while transporting to and from filling location.



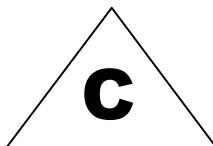
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**WARNING: Because your vehicle has exterior combustion air inlets, all appliance pilot lights should be turned off during gasoline or propane refueling. Laws in some states require this.**

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### Servicing and Filling LP Containers

Filling an LP container correctly is very important and should be performed by a qualified person who knows the proper safety procedures and inspecting containers. Any new container must be carefully purged for best performance and must NEVER BE OVERFILLED.



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**CAUTION: DO NOT use tools to open or close tank valve. HAND TIGHTEN ONLY.**

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LP gas expands 1½% for each 10° increase in temperature. It is imperative to leave sufficient space inside the container to allow for the natural expansion of gas during warmer weather. Each propane container is equipped with an overfill device built into the main valve. This device must remain open during the filling. When the container is filled to 80%, the maximum level for safety, a liquid will appear replacing the vapor. Stop filling immediately and close both valves; **HAND TIGHTEN ONLY.**



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**WARNING: A propane container should never be filled beyond 80% of its capacity.**

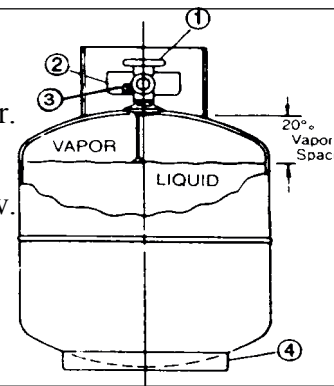
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If your tank becomes overfilled and is not allowed to “bleed off” before installation to the RV system, it may gain pressure from exposure to direct sunlight and will begin “blowing off” pressure from the overflow valve. This will be detected by the strong odor around the tanks. Keep open flames away from this area. It is best to find a technician qualified in releasing an overfill from the container. If that is not possible, remove the bottle, take it to a safe area at least twenty-five feet from any source of combustion, and “bleed off” the excess pressure by opening the valve slightly and closing it when discharge has been sufficient, one to two minutes.



**WARNING: LP gas containers are equipped with safety devices, which relieve excess pressure by discharging gas into the atmosphere. Do not bring or store LP gas containers, gasoline or other flammable liquids inside the recreational vehicle. Disregarding this warning may result in fires or explosions.**

1. Knob to open valve to fill or to use camper.
2. Complete valve assembly.
3. “10%” valve, small brass knob or slot screw.
4. Container mounting stand.



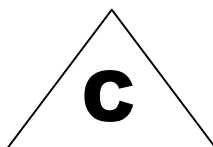
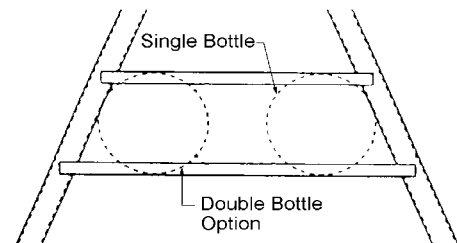
When an LP container gets low, sometimes there is a concentration of garlic-like odor which may be mistaken for a gas leak. After a change over to a full tank, the odor usually will disappear. If not, turn off the LP container(s) and have the system checked by a qualified technician.

A warning label has been located near the LP gas container. This label reads:

THIS GAS PIPING SYSTEM IS DESIGNED FOR USE OF LIQUEFIED PETROLEUM GAS ONLY. DO NOT CONNECT NATURAL GAS TO THIS SYSTEM. DO NOT FILL CONTAINER(S) TO MORE THAN 80 PERCENT OF CAPACITY. Securely cap inlet(s) when not connected for use. After turning on gas, except after normal container replacement, test gas piping and connections to appliances for leakage with soapy water or bubble solution. Do not use products that contain ammonia or chlorine.  
AD-34

### Installing LP Containers

1. Place container onto steel angle rack.
2. Insert 2- $\frac{1}{4}$ " x  $\frac{1}{2}$ " bolts through hole in center of angle.
3. Attach lock washer and nut onto bolt.



**CAUTION:** Ensure that all fasteners are secured before traveling.

## OPD Overfill Protection

Supplied with your folding camping trailer is information that applies to the Type 1 ACME LP Gas Connection on your LP gas tank(s). Please read all information contained in the supplied literature.

The following instructions will supply information for correct cylinder/valve orientation, regulator placement, hose length, hose routing and cylinder cover placement. Make sure these steps are followed for proper LP connections.

### SINGLE CYLINDER MOUNTED ON A-FRAME

1. Connect the 3/8" low pressure hose to the outlet of the two stage regulator.
2. Attach the regulator with the "Z" bracket on the center of the front wall with the vent pointing down.
3. Attach the protective plastic cover to the regulator.
4. The regulator has a 90 degree elbow that directs the inlet toward the trailer curbside.
5. Place the cylinder on the bracket provided on the A-frame and secure it so the outlet of the cylinder valve is pointed directly outward to the curbside wall.
6. Attach the 1/4" inverted flare x 20" Type 1 pigtail hose to the regulator inlet and the right hand swivel nut to the cylinder valve.
7. If a fiberglass cylinder cover is provided, be sure to check the clearance between the cover and the pigtail hose.



**WARNING: The pigtail hose must not be in contact in any way with the fiberglass cover to assure proper function of all features of the Type-1 connector assembly.**

### DOUBLE CYLINDER MOUNTED ON A-FRAME

When a second cylinder is installed, a tee check is used to replace the 90 degree elbow at the top of the regulator and another 1/4" inverted flare x 20" Type 1 pigtail hose is added. The regulator stays in the original position.

1. Place the second cylinder on the A-frame and secure it so the cylinder valve is pointed to the roadside of the folding camping trailer.
2. Attache the second 20" hose to the tee check on the regulator and the right handed swivel nut to the cylinder valve.
3. If a fiberglass cylinder cover is provided, be sure to check the clearance between the cover and the pigtail hose.

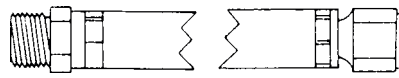


**WARNING: The pigtail hose must not be in contact in any way with the fiberglass cover to assure proper function of all features of the Type-1 connector assembly.**



## Main Supply Hose

The main supply hose will be attached from regulator to brass manifold fitting in frame of coach. Swivel brass nut on main hose will be your final attachment. There are several things to remember each time the container is removed:



3/8" MPT x 1/2" Female  
Flare Swivel

1. Check that ALL fittings are tight.
2. Ensure that ALL connections are tested with leak solution.
3. Open main valve slowly to avoid fast rush of gas to excess flow valve causing gas freeze up.
4. Listen carefully - a "hissing" sound longer than 1 second may indicate a gas leak. Close valve and search for leak.

**ALL GAS LINES HAVE BEEN  
CHECKED WITH AIR PRESSURE.  
DEALERS ARE REQUIRED TO  
RECHECK AND ADJUST PRESSURE  
BEFORE DELIVERY TO CUSTOMERS.**

## Regulator

The regulator is the heart of your LP gas system with internal moving parts. Its function is to reduce the high and varied pressure from the LP container to safe and consistent low operating pressure. The pressure regulator reduces the full cylinder pressure within a 10-13 pound range. The second stage then reduces this inlet pressure to an operating pressure of 11" W.C. (water column) or 6.35 oz. of outlet pressure to the coach system. The second stage is adjustable and will need to be adjusted for precise operation. Only qualified persons should install, adjust or service LP gas regulators. If service is needed, contact a qualified LP dealer. We suggest this normal maintenance procedure be performed once per year. Please refer to information provided from the manufacturer.

Indicator  
Window

Inlet

Inlet

Changeover  
Lever

Vent  
(front)

Outlet  
(behind vent)



**WARNING: LP gas regulators must always be installed with the diaphragm vent facing downward. Regulators that are not in compartment have been equipped with a protective cover. Make sure that the regulator vent faces downward and that the cover is kept in place to minimize vent blockage which could result in excessive gas pressure causing fire or explosion.**

If you travel alternately on wet roads and in freezing weather, be sure your LP gas regulator is protected from road spray. If water enters the vent in the regulator, it may freeze the pressure controlling diaphragm in the open position so that the container pressure is applied to the appliances – a hazardous condition. Follow the instruction given by the manufacturer of the regulator.

## Operation

After the camper is completely set up and you are prepared for camping enjoyment, follow these steps for LP gas operation.

1. Close ALL burner valves, controls and pilot light valves.
2. Open main valve on LP container slowly to avoid fast rush through excess flow valve causing “gas freeze.” Should you experience a gas “freeze-up,” close main valve and wait 15 minutes before trying again.
3. Listen carefully as gas begins to flow. If “hissing” is heard for more than one or two seconds, close valve and search for leak.
4. Light appliances as needed and directed in appliance chapter.



---

**WARNING:** Portable fuel-burning equipment, including wood and charcoal grills and stoves, shall not be used inside the recreational vehicle. The use of this equipment inside the recreational vehicle may cause fires or asphyxiation.

---

## Checking for leaks

Please refer to Chapter 1, “Safety in Using LP Gas.”

### IF YOU SMELL GAS

1. Make sure that everyone is out of the RV.
2. Extinguish any open flames, pilot lights, and all smoking materials.
3. Do not touch electrical switches.
4. Shut off the gas supply at the tank valve(s) or gas supply connection.
5. Open doors and other ventilating openings.
6. Leave area until odor clears.
7. Have the gas system checked and leakage source corrected before using again.



---

**WARNING:** It is not safe to use cooking appliance for comfort heating. Cooking appliances need fresh air for safe operation. Before operation:

1. Open overhead vent or turn on exhaust fan; and,
  2. Open window.
- 

This warning label has been located in the cooking area to remind you to provide an adequate amount of fresh air for combustion. Unlike homes, the amount of oxygen supply is limited due to the size of the recreational vehicle, and proper ventilation when using the cooking appliance(s) will avoid danger of asphyxiation.



**LP Gas Consumption**

Most gas appliances are only operated intermittently. Unless there is heavy use of hot water, water heater consumption is minimal. During freezing weather and high wind conditions, furnace consumption can be extremely high.

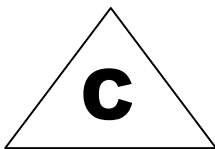
LP gas consumption depends upon individual use of appliances and the length of time operated. Each gallon of LP gas produces about 91,500 BTUs of heat energy. Following is a list of typical appliance consumption when turned on fully for one hour of operation:

Appliance	Average BTU Consumption Per Hour
Stove – Front Top Burner (H.P.) .....	9,000
Stove – Rear Top Burner .....	6,500
Furnace .....	16,000 to 20,000
Refrigerator .....	640
Water Heater – 6 gal. ....	8,800

**NOTE:** This chart is an example of a typical system and may not represent the exact system in your particular unit.

**Double Bottles (Option)**

Depending on the type of camping you may wish to enjoy, double fuel bottles may be desirable, especially in cool weather when using the furnace is necessary.



**CAUTION:** If you have double bottles on your RV, use only one at a time. Otherwise the gas supply will be drawn from both bottles until the supply has been totally exhausted. Using one bottle until it is empty, then using the second bottle will allow you to fill the empty bottle at your convenience without being totally out of gas.

**Automatic Changeover Regulator (Option)**  
**(FOR DOUBLE BOTTLES OPTION ONLY)**

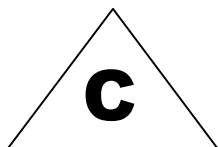
The automatic changeover regulator allows both gas bottles to be turned on simultaneously. The arrow on the regulator handle indicates which bottle is in service. When the indicated bottle in service becomes empty, changeover is automatically accomplished to commence drawing fuel from the other bottle. At this point, the plastic window will display a red signal or flag to indicate the condition. The lever should then be flipped over to indicate service on the other bottle. The first bottle which was depleted can then be turned off, uncoupled and taken to be refilled without disturbing the RV gas supply. After refilling, it can be removed and again turned to the “ON” position. When the other bottle is depleted, the LP gas supply will again be automatically changed back to the first bottle.

## LP DETECTOR

All recreational vehicles with an LP fuel system and propane consuming appliances require a propane leak detection device for safety protection. Converter or auxiliary battery is required to supply 12-volt DC energy to operate leak detector.

### Operation

**Power ON Warm Up:** When power is first applied, the yellow LED will flash for three minutes while the detector is warming up. At the end of that time, the LED will turn green indicating full operation. If the detector has detected unsafe levels of gas, it will immediately go into alarm.




---

**CAUTION:** This detector cannot alarm during the three (3) minute warm up cycle.

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### Testing




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**WARNING:** Test the operation of this detector after the vehicle has been in storage, before each trip and at least once per week during use.

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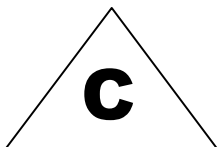
Simply press the TEST switch any time during the warm up cycle or while in normal operation. The LED should flash RED and the alarm should sound. Release the switch. **This is the only way you should test your detector.** This test feature checks the full operation of the detector. If this detector does not test properly, return the detector immediately for repair or replacement.

### Alarm

The red LED will flash and the alarm will sound when dangerous levels of gas are detected. The detector will continue to alarm until the gas clears or the MUTE switch is pressed.

### PROCEDURES TO TAKE DURING AN ALARM

1. Turn off all gas appliances (stove, heaters, furnace). Extinguish all flames and smoking material. Evacuate – leave doors and windows open.
2. Turn off the propane tank valve.
3. Determine and repair the source of the leak. Seek professional help if necessary.




---

**CAUTION:** Do not re-enter until the problem is corrected.

---

### ALARM MUTE

Pressing the TEST/MUTE button when the detector is in alarm activates this feature.

1. The red LED will continue to flash and the alarm will beep every 30 seconds until the gas level has dropped to a safe level.
2. The LED will flash green until the end of the mute cycle.
3. If dangerous gas levels return before the end of the mute cycle, the alarm will beep four times and return to #1.
4. After two minutes, the detector will return to normal operation (solid green) or resound the alarm if dangerous levels of gas remain in the area.



## MALFUNCTION ALARM

The microprocessor will activate the malfunction alarm when it detects a fault in the detectors operation. The LED will alternately flash red and green, while the sounder beeps twice every 15 seconds. The mute switch will not function. Remove the detector immediately and return it for repair or replacement.

## Low Power Operation

This detector will operate normally down to 7-volt DC. Do not operate this detector below 7-volt DC.



---

### **WARNING: Limitations of propane/methane gas detectors:**

- This detector will not work without power. Examples causing no power are: an open circuit breaker, a faulty power line connection, a blown or missing fuse.
  - This detector will only indicate the presence of propane or methane gas at the sensor. Explosive gas may be present in other areas.
  - This detector may not be heard. The alarm loudness is designed to meet or exceed regulatory standards, however, the alarm may not be heard if detectors are located in remote locations or behind closed doors. The alarm may not be heard by persons who are hard of hearing.
  - This detector is not a smoke or fire detector. It is not suitable as a smoke or fire detector.
  - This detector is not suitable for installation in hazardous areas as defined in the national electrical code.
- 

Additional information is supplied in a manual published by the manufacturer of this equipment.

## CHAPTER 5 APPLIANCES

It is important to remember that the folding camping trailer appliances are connected to the LP gas system. All safety precautions and warnings stated in Chapter 4 for the LP gas system need to be observed when using the appliances.

**NOTE:** Separate owner's manuals are supplied from manufacturers of the appliances to assist you in the operation of individual appliances. Read all manuals completely before operating any appliance.

### STOVE

Your folding camping trailer is equipped with a removable or portable stove containing three burners for cooking purposes. This portable assembly may be used inside or outside of the camper. Please refer to the manufacturer's owner's manual for complete operating and care instructions.

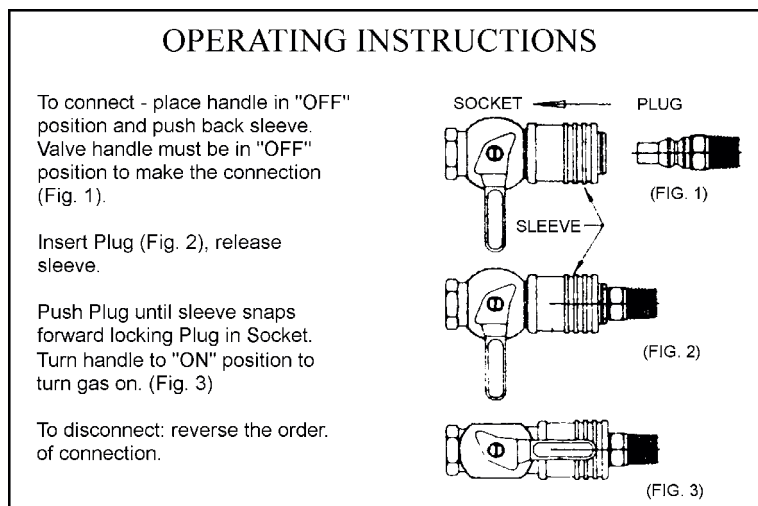
#### Handling Stove Assembly

1. Always carry cabinet assembly with both hands.
2. Mount cabinet onto rail at a 30° angle and slowly lower outer side until in horizontal position.
3. Insert support on stove bottom and place other end into holder below mounting rail on door side of unit.
4. LP gas connections are made with a "Quick-Coupler" system with positive shut-off valve as required by code and standards.

To operate "Quick-Coupler" system, follow instructions in Fig. 5-1.

5. Each stove assembly will have a hinged wind guard attached. Raise hinged assembly to vertical position. End panels are also hinged and will swing to outer edge of stove for wind protection, preventing flames from reaching tent material.

Figure 5-1



## Operation of Stove

To light the top burners:

- Turn the appropriate burner knob fully counterclockwise to the “ON” position. Do not attempt to light more than one burner at a time.
- IMMEDIATELY light the burner by holding a lit match or a hand-held spark igniter designed for this purpose near the burner ports.
- To extinguish the top burner flame, turn the appropriate burner knob clockwise to the “OFF” position.

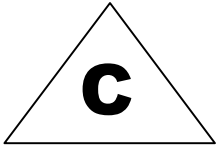


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**WARNING:** Ensure that stove knobs are pushed all the way onto the stems when in the “OFF” position. Failure to do so could result in the stove inadvertently being turned on. If camping with small children, you may want to utilize stove knob covers which are available at your local hardware.

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**NOTE:** If flames lift off the burner there is too much pressure in the gas line, or if the flame flashes back into the burner tube there is not enough pressure in the gas line. Under both conditions, discontinue use and have your regulator checked by a qualified service center.



---

**CAUTION:** When cleaning any orifice or the burner assembly, care must be used to prevent damaging or enlarging the openings. Never use a wire or other metallic implement to clean an orifice or burner post. Any enlargement of an orifice or burner ports will affect the gas flow and, consequently, the burner’s function.

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**WARNING:** Keep privacy drapes in the upper most position while cooking on the range top to prevent fire hazards.

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## FURNACE (Option)

The furnace in the folding camping trailer requires both 12-volt DC (or 12-volt AC power through the converter) and LP gas energy for full operation. Listed below are basic safety and operation guidelines. Refer to the manual supplied by the manufacturer for full operating instructions.

### For Your Safety

Read before operating:



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**WARNING: These instructions must be followed exactly. Failure to follow instructions could result in a fire or explosion that could result in property damage, personal injury or loss of life.**

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- A. This appliance does not have a pilot. It is equipped with an ignition device which automatically lights the burner. **DO NOT** try to light the burner by hand.
- B. **BEFORE OPERATING**, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- C. **WHAT TO DO IF YOU SMELL GAS**
  - Evacuate all persons from the vehicle.
  - Shut off the gas supply at the gas container or source.
  - Do not start the vehicle's engine or electric generator.
  - Contact the nearest gas supplier or qualified service technician for repairs.
  - If you cannot reach a gas supplier or qualified service technician, contact the nearest fire department.
  - Do not turn on the gas supply until the gas leak(s) has been repaired.
- D. Use only your hand to turn a gas control valve. Never use tools. If the valve will not turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- E. Do not use the appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.



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**WARNING: When first fired, the furnace may circulate fumes caused by the heating of materials used in the furnace manufacturing process. These fumes may cause physical irritation in some persons. The first heating of some building materials in the trailer can give off fumes that**

**can be fatal to birds or other small animals and may be harmful to humans. Open all windows and doors when firing the furnace for the first time until the fumes have fully dissipated to the outside.**

**WARNING: Do not operate this furnace while the vehicle is in motion.**

**WARNING: Should the furnace overheat, or the gas supply fail to shut down, turn off the main gas valve to the appliance prior to cutting off the electrical supply.**

**WARNING: A flow of combustion and ventilation air must not be obstructed from reaching the furnace.**

---



## Lighting Instructions

Read all safety related information before operating the furnace. This appliance is equipped with an ignition device which automatically lights the burner. Do not try to light the burner by hand.

1. **STOP!** Read the safety information in the preceding section.
2. Set the thermostat to the lowest setting.
3. Turn off all electric power to the appliance.
4. This appliance is equipped with an ignition device which automatically lights the burner. DO NOT try to light the burner by hand.
5. Open the control access panel.
6. Turn switch or circuit breaker to OFF.
7. Wait five minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** Follow "C" in the safety information above. If you don't smell gas, go to the next step.
8. Turn ON the circuit breaker or switch.
9. Close the access panel.
10. Turn on all electric power to the appliance.
11. Set the thermostat to desired setting.
12. If the appliance will not operate, follow the instructions **TO TURN OFF GAS TO APPLIANCE** (in next section) and call your service technician or gas supplier.

**NOTE:** It may be necessary to set the thermostat to a higher setting than that in a home to achieve a comparable level of comfort. Opening an exterior door or window results in the rapid loss of interior heat.

If the furnace does not light, repeat the above process for lighting. If the furnace does not ignite after three attempts, turn the thermostat to "OFF" and call a qualified technician or your gas supplier.

## To Turn Off Gas to Furnace

1. Set the thermostat to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Open the access panel to turn OFF electric switch or circuit breaker.
4. Close the control access panel.

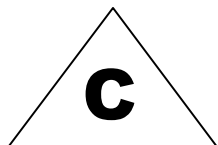
## WATER HEATER

The water heater is installed as part of the deluxe plumbing and shower package.

Heater operates on LP gas only and will need to be lit manually. Operating instructions are on the following pages and additional instructions will be found in the manual supplied by manufacturer.

### Operation

Pilot Models – G6A-7; GH6-7; G4-7; GC6A-7; and G6A-7P

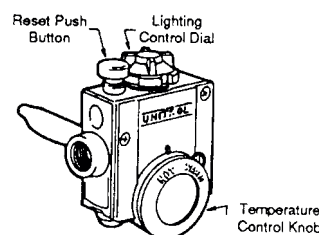


**CAUTION:** Do not tamper with the pilot orifice. High water temperature and failure of the gas control can result.

1. Turn lighting control to “OFF” position.
2. Wait at least five minutes to allow gas which may have accumulated in burner compartment to escape.
3. Note that your water heater may have either a Robertshaw “Unitrol” or “White Rodgers” control.

#### ROBERTSHAW “UNITROL”

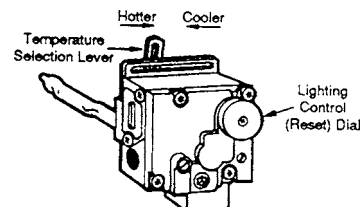
1. Turn lighting control dial to “PILOT” position.
2. Depress and hold reset push button while lighting pilot burner.
3. Allow pilot to burn for one half minute before releasing button.
4. Turn control dial to “ON” position.
5. If pilot does not remain lit, repeat operation allowing longer period before releasing push button.
6. Set the dial at the mid-point position between warm and hot.
7. Close access door.



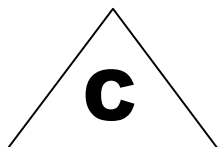
*Robertshaw  
“Unitrol”*

#### “WHITE RODGERS” CONTROL

1. Turn lighting control dial to “PILOT” position and hold against stop while lighting pilot burner.
2. Allow pilot to burn approximately one half minute before releasing dial.
3. Turn control knob to “ON” position.
4. If pilot does not remain lit, repeat operation allowing longer period before releasing button or knob.
5. Set the lever at the mark between the warm and hot position.
6. Close access door.



*“White Rodgers”  
Control*



**CAUTION:** The temperature knob or lever is factory adjusted to its lowest dial setting. We recommend the mid-point position between warm and hot, as noted above. This will provide for energy efficient operation and sufficient hot water. Setting at a higher position will produce a higher temperature and increase the risk of being scalded. Valves for reducing point of use temperature by mixing cold and hot water are available. Consult a licensed plumber or your local plumbing authority.

## Pilot Flame

The gas control pilot has been “preset” for maximum pilot flow by the manufacturer. (Fig. 5-2)

## To Adjust Main Burner

(See Fig. 5-3)

1. Loosen air shutter screw.
2. Slide air shutter to the right until some yellow appears in the main flame.
3. Move air shutter to left until yellow disappears.
4. Retighten air shutter screw.

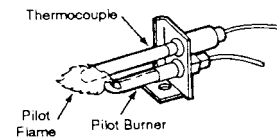


Fig. 5-2

Pilot Burner Assembly

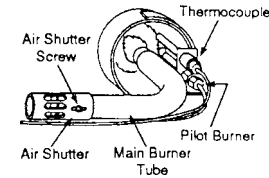


Fig. 5-3 – Main Burner  
& Pilot Assemblies

## Flushing Instructions

The Atwood water heater is recommended for recreational vehicle use. If your folding camping trailer is used frequently, or taken to different areas that use various types of water, it is recommended that the water heater be flushed periodically throughout the year to prolong the life of the inner tank. The following procedure summarizes the steps necessary for flushing the water heater inner tank.

1. Turn off the main water supply (pump or water hook-up source).
2. Drain your water heater inner tank. Approximately two quarts of water will remain in the bottom of the tank. This water contains a great deal of the harmful corrosive material that has accumulated in the tank.
3. Flush tank with air pressure or fresh water to remove remaining water.  
Air Pressure: Air pressure may be applied through the inlet or outlet valve located on the rear of the tank or the relief valve prior to flushing and insert air pressure through the relief valve support flange.  
Fresh Water: Pump fresh water into tank with the assistance of an onboard pump or external water pressure. This may also be hosed into the tank through the inlet or outlet valve located on the rear of the tank or the relief valve located on the front of the unit. If the relief valve is used, remove the relief valve prior to flushing and insert air pressure through the relief valve support flange. Continue this process for approximately five minutes allowing ample time for the water to agitate the stagnant water on the bottom of the tank and thus forcing the depositing through the drain opening.
4. Close the drain and relief valves.

## REFRIGERATOR

The refrigerator is available for your folding camping trailer as a convenience option. Unlike your home refrigerator, the RV refrigerator can be powered by one of three sources: 120 volt AC, 12 volt DC or LP gas. Another difference from your home refrigerator is the ability to withstand the many rigors of the road. This includes the day-in and day-out physical punishment, exposure to outside elements like dust, and dramatic changes in temperature.

For top performance of your RV refrigerator, it is important to make sure the trailer is level. When the folding camping trailer is parked, proper positioning to level the refrigerator will happen naturally when the trailer is leveled for comfort with no noticeable sloping of the floor or walls. When the vehicle is moving, the leveling is not critical because of the rolling and pitching movement.

Another important requirement to keep your refrigerator at optimum performance, is the ventilation. The lower vent panel is hinged for access to the controls. The upper vent is for expelling hot air and gases from the LP burner. These can NOT be altered or restricted in any way.

### Points to Remember

- From time to time, especially if the refrigerator has been out of use for a period, make sure all air vents are free from obstructions before starting up. Also, check connections for gas leaks using an approved commercial test leak solution.
- Never cover or partially cover the air vents with cardboard or anything else.
- Remember to level the vehicle when stopping for more than about an hour, otherwise the cooling unit could be permanently damaged due to overheating if it is left on.
- If possible, start the refrigerator on gas some hours before it is to be used to allow time for the interior to cool. It is then preferable to load the refrigerator with food which has been pre-cooled in your household refrigerator, or at the market.
- Before moving the vehicle, make sure that all containers are tightly covered to avoid spills. If required, crumpled paper may be packed between bottles and other items to prevent shifting while under way.
- Engage the travel catch at the top of the front corner of the door before moving off.

### Operation - N323

#### CONTROLS

The gas mode utilized an adjustable Gas Control. The control can be manually adjusted to meter the fixed amount of propane gas to the burner thereby acting as a temperature control to maintain cabinet temperature.

**NOTE:** Unlike an automatic gas control, this control does not cycle the flame from high fire to low fire as the other types of RV refrigerators. If the cooling load changes, the Gas Control must be manually adjusted to maintain the same temperature.

When the gas mode is selected, the Gas Control Selector is enabled. It is used not only to light the gas burner but also to adjust the amount of cooling in the gas mode.



**NOTE:** Your refrigerator may exhibit a tendency to freeze contents in the gas mode when outside, ambient temperatures fall below 50 degrees Fahrenheit for two or more days. The effects of this can be minimized by setting the refrigerator's gas control to the "Low Cool" setting (refer to illustration at bottom of page 8 for location of gas control), by keeping your refrigerator cabinet loaded, and by placing foods more likely to freeze on the middle or top shelves. Also note that the electric modes of operation are not affected.

Refer to the start-up and lighting procedures for gas mode operation.

The safety valve is built into the Gas control and is designed so that any loss of flame will stop the gas flow to the burner. It is controlled by means of a thermocouple positioned in the gas flame. As long as a flame is detected by the thermocouple, the valve is held open. Upon flame failure (empty propane tank, blow-out, etc.), the valve closes, shutting off the gas flow. To light, or relight, the Gas Control knob must be pushed and held in while pressing the Spark ignitor rapidly in succession until a flame is established (see lighting instructions).

### Electric Modes

The AC mode, and DC mode in the case of the 3-Way model, is thermostatically controlled by a non adjustable thermostat. The Thermostat has a capillary sensor attached to the cooling fin. The electric heater (AC or DC) will cycle in response to the fin temperature to maintain the cabinet temperature.

### IGNITION – LP GAS OPERATION (Figure 5-5)



**WARNING: Do not hold gas valve in more than 30 seconds. If flame is not indicated within this time, turn gas to off, wait 2 minutes and retry. Continuing to hold gas valve in will cause gas build-up in the burner area and can result in an explosion which can cause personal injury or death.**

1. Open the lower vent door at the rear of the vehicle to gain access to the rear of the refrigerator. Open window in front side of Burner Box to view the burner as shown in the manufacturer's owner's manual.
2. Set the Energy Selector Switch (A) to the Gas position.
3. Set the Gas Control Selector (E) to the HIGH COOL position.
4. While pushing the Gas Control Selector switch (E) in, press the spark ignitor push-button (B) in, several times in rapid succession (A click should be heard each time it is depressed.). The burner should light; however, continue to hold the Gas Control Selector (E) in for another 15 seconds before releasing.
5. Verify that the flame remains lit by looking at the burner through the burner box window.
6. Adjust the Gas Control Selector(E) to the desired cooling setting. Close viewing window in Burner Box.

### START UP – AC OPERATION (Figure 5-5)

- Verify that 120-volts AC is available to the refrigerator and that the AC fuse (D) in the control bracket is operational.
- Set the Energy Selector Switch (A) to the AC position and verify that the Gas Control Selector (E) is in the OFF position.
- No other action is required since a fixed thermostat is provided to prevent food from freezing in the electric modes.

### START UP – DC OPERATION (3-WAY MODELS ONLY) (Figure 5-5)

- Verify that 12-volts DC is available to the refrigerator and that the DC fuse (C) in the control bracket is operational.
- Set the Energy Selector Switch (A) to the DC position and verify that the Gas Control Selector (E) is in the OFF position.
- No other action is required since a fixed thermostat is provided to prevent food from freezing in the electric modes.

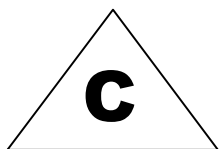
### SHUT DOWN (Figure 5-5)

- Set the Gas Control (E) to the OFF position.
- Set the Energy Selector Switch (A) to Gas position.

**NOTE:** The Gas Control and Energy Selector must be switched to the above positions to completely shut down the refrigerator.

### ADDITIONAL INFORMATION ON CONTROLS

Be attentive when the unit's outer surface is being washed down, particularly when using power sprays, to avoid wetting electrical controls.



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**CAUTION:** Never allow water to be sprayed on electrical controls located behind the inlet vent door. Electrical damage or fires could result.

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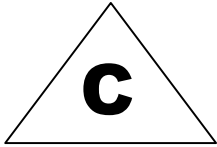
Figure 5-5

## CHAPTER 6

### CARE OF BODY COMPONENTS

#### EXTERIOR ALUMINUM

The aluminum on the outside of your Jayco can be cleaned and washed the same as an automobile finish. It is suggested that a spray wax, or wash and wax combination, be used for waxing due to the texture of the aluminum.



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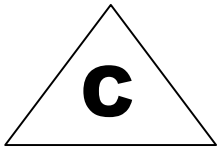
**CAUTION:** We recommend that you do not take your recreation vehicle through automatic car washes and extreme caution should be used if utilizing any type of pressure sprayer around all attachments, doors, windows, appliance vents, etc. to avoid forcing water inside the unit, possibly damaging components.

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#### END CAPS, EXTERIOR ROOF AND OPTIONAL TIRE COVER

Fiberglass parts are very durable and are easy to maintain. Wax and buff them once per year. Standard automotive cleaning soaps and waxes work well for general cleaning and maintenance. Special cleaners and waxes are available at automotive and RV stores.

Scratches and dents can be fixed easily by an experienced fiberglass repair shop. Any major damage should be repaired as soon as possible to prevent cracks from becoming larger.



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**CAUTION:** All roofs require maintenance. At least twice per year, inspect and reseal all seams: front and rear, around all vents, and along all moldings. If you notice any deterioration in the seal, scrape off any cracked or loose sealant and reseal the area.

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#### FRAME

The frame on your new Jayco coach has an E-coat paint. It is recommended you periodically inspect the exterior exposed areas, clean and repaint the steel members to insure long life. Road debris will chip paint, inviting rust and other deterioration. To prevent rust or corrosion, you may wish to purchase a commercially available rust treatment application such as Ziebart, etc. If damage would occur, the frame needs to be painted with e-coat paint and not a gloss black paint. This type of paint is available in a spray can from the vendor, Leland.

#### INTERIOR CARE

##### Countertops

Made of high pressure laminate, the countertops are quite easy to keep clean. Glass rings, food spills, water spots and smudges usually wipe off with a damp sponge. Stubborn stains can be removed with a general purpose spray cleaner.

The laminated surface resists alcohol, fruit acids, cosmetics and most household chemicals. Avoid contact with dyes, strong laundry bleaches and bluing. Indelible inks used on food packages may stain, so take care when unpacking groceries, particularly on a damp countertop. Sharp knives may damage the finish thus confine slicing to a cutting board.

Hot pots and pans should be placed on hot pads or protective trivets. Never place a hot iron or lighted cigarettes on the countertop.

For lasting beauty, avoid using harsh abrasives, scouring powders, peroxide or bleaches. These may dull the surface thus making it more susceptible to staining.

## **Hardware and Sink or Shower Fixtures**

Use mild dish soap and water to clean these fixtures. Never use harsh chemicals or sprays, such as Windex or Pledge. A mild solution of vinegar and water works very well to remove hard water spots and stains from sink or shower fixtures.

## **PANELING**

The wall paneling is a vinyl covered wood panel. If deep scratches occur, they may be covered by using a thin film of shoe polish or stain, followed by a coating of furniture wax. Putty sticks are also available to cover scratches at your local hardware store

To clean, use a mild solution of soap and lukewarm water with a soft sponge or cloth. Refrain from the use of abrasive cleaners as they may scratch and dull appearance. Grease spots and stubborn dirt can be cleaned off with an all-purpose spray cleaner.

## **FLOOR**

To care for the decorative no wax vinyl floor covering, wash with a mild detergent. Avoid excessive application of water on new floor as it may cause lifting and curling of the vinyl.

## **FABRIC COMPONENTS**

Your folding camping trailer is a combination of several fabric components used to enclose the living area. The canvas used to construct the bunk end and side panels is made of 10.10 ounce army duck cotton, treated to pass the required Federal Fire Retardant Standards. The folding camping trailer awning (refer to awning definition) is made of an embossed vinyl with textile backing. On the interior of the folding camping trailer tent, the material is a 100% polyester backing. The following definitions will assist you in providing the proper care for your folding camping trailer tent components.

### **Definitions**

#### **INTERIOR**

1. Bed mat - Upholstery covered foam mattress which provides softness to the bed extensions.
2. Cushions - Upholstery covered foam pad used in dinette area for your comfort.
3. Upholstery - Fabric used to cover the interior cushions and bed mats of the folding camping trailer.
4. SoftShades™ - Window covers with a valance used to help create privacy for your camping experience.
5. Privacy Curtains - Fabric panels provided between bed extensions and the folding camping trailer area to provide a “bedroom” area.
6. SofStor™ Components - An option with some folding camping trailers are components made of vinyl which provide added gallery cabinets, wardrobe and personal storage.



## EXTERIOR

7. Awning - Top or “roof” part of the folding camping trailer tent that is located over the bed extensions.
8. Window Panels – Side and end panels of the folding camping trailer which are made of canvas or charcoal vinyl with a zip down section to provide light and ventilation through an attached “screen” panel.
9. Tent - Complete assembly of the folding camping trailer “soft” wall and roof areas. The tent is made up of the awning and the window panels.
10. Canopy - Added feature to create a shaded area around your folding camping trailer door for outside enjoyment.
11. Screen Room - Available feature to enhance the canopy area by providing an added “room” to your folding camping trailer. This “room” is attached to the canopy and the camper.

## FABRIC CARE

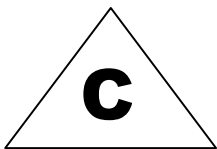
### Cushions/Bed Mats

Please use common sense and treat your furniture as you would at home. Remember, your folding camping trailer is a small living area, so soiling may occur more frequently and the fabric will probably need more attention than your furniture at home. Please follow these guidelines for cleaning upholstery fabrics on the cushions/bed mats.

Frequent vacuuming with a brush attachment or a light hand brushing will help remove dust, hair, sand and other particles which may dull the look of the fabric and accelerate wear.

Water base cleaners are recommended. If a spill does occur, blot up the spot, but do not rub it in. Solvents are not recommended since they may have an adverse reaction to the specific backing of your upholstery fabric. Do not saturate the area. Clean in a well ventilated area and avoid products containing toxic materials. Always pre-test a small area before proceeding. Use a professional furniture cleaning service for an overall cleaning.

**A reminder:** The upholstery fabrics have been manufactured using quality materials. However, if abused, they are not completely resistant to damage.



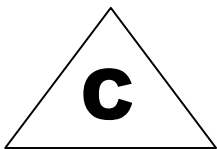
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**CAUTION:** Do not dry clean the covers of the cushions/bed mats. If the covers are dry cleaned, the vinyl will become hard and crack.

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### SoftShades™

SoftShades™ should be dry cleaned by a professional for best results. However, they may be washed in cool water on the delicate cycle. Line dry only.



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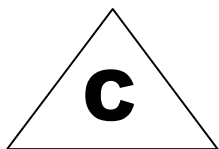
**CAUTION:** Care must be taken to follow above instructions or results may not be satisfactory.

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### NapSaks™

Dry clean only.

## Tents



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**CAUTION:** The tent fabric of your folding camping trailer is a mildew resistant fabric. This does not, however, mean that it is mildew proof. Priority in taking proper care of your tent will help to prolong its life. **For warranty coverage, it is imperative that you read and follow the listed recommendations in this manual and all related literature.**

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Proper care and maintenance are important for the life of your folding camping trailer's tent. Be aware that the canvas portion of the tent will take longer to dry than the vinyl. If you are forced to store the tent wet, we recommend that the camping trailer be set up at the earliest possible convenience and left for several days to dry completely. After the tent is dry, brush all dirt and debris from the fabric, taking care in corners and crevices. Make sure the entire tent is completely dry before refolding it and storing the camping trailer. We recommend the following list of suggestions be adhered to when there is a need to clean the tents.

### Exterior

- If the tent becomes dirty, use a damp cloth or sponge with water. **Do not use detergents, soaps or solvents since they may remove water repellency, fire retardants, and damage the surface or color.**
- Do not use aerosol type cleaners.
- Do not use insect repellent, hair sprays or suntan lotions around fabrics as they may stain fabrics and damage or destroy water repellency. If accidental contact occurs, apply a fabric protector or utilize a professional to provide water repellent treatment.
- Be sure to clean bird droppings, tree sap, dirt and soot from campfires off of the tent.
- **Assure that your canvas and trailer have good ventilation, especially after a rainy period. The most common cause of a damaged canvas is mildew, which is the result of storing your unit for any period of time with a damp or wet canvas, even for short periods. This is even more important in humid climates. Remember, the canvas portion of your tent will take longer to dry completely than the vinyl. If the tent must be stored wet, open the unit and allow it to dry thoroughly as soon as possible.**
- For vinyl awning, use only non-abrasive cleaners with warm water and a sponge to remove excess dirt and grime. **Do not use cleaners with a bleach ingredient. Chlorine or bleach will strip the finish and color from your vinyl.**
- If water seepage occurs in the seams of the vinyl awning, you may want to apply a spray type water sealant on sewn seams.



## Interior

The material used on the interior of the tents is a 100% polyester backing. This material contains inhibitors that help prevent the growth of mildew on the fabric. **It is not mildew-proof.** Mildew or fungus may attach to the material, however, the material will aid in preventing the growth. If mildew does attach itself to the fabric, brush the mildew dust with a soft bristle brush making sure there is plenty of ventilation and air circulation. Then use one cup of regular household bleach to one gallon of water to thoroughly clean the area. Rinse with clean water.

## Condensation

Condensation can be prevalent in tent campers if proper ventilation is not used. It can exist whether or not a heater is used. We recommend that you leave a small opening in each bunk zipper to permit air to flow through and allow the tent to “breathe.” This will help minimize moisture gathering above bunk area on the vinyl. Use only breathable fabric camper covers, such as those available through your Jayco dealer, when storing your camper.



## Canopy

Heavy rain can damage both the canopy fabric and the poles if it is allowed to “pocket” on the fabric. It is very important to have the correct slope in the canopy. The side of the canopy at the twist poles should be about 19" lower than the side that attached to the awning rail on the roof. If heavy rain is anticipated, lower one side to allow adequate run off.

The canopy is to be removed for winter storage due to winter condensation accumulation. ALWAYS roll up your canopy dry. Should you ever need to roll up canopy when it is wet, unroll within 24 hours and allow to dry. Mildew will develop on damp and wet canopies.

Be sure to follow the list of Do's and Don'ts below when caring for your canopy.

### **Some Do's:** **DO**

- Keep your canopy clean. This is the best protection against mildew. Even on mildew resistant fabric mildew can grow on accumulated dirt or foreign materials which remain on the top or bottom surface and eventually damage or stain the fabric. We cannot be responsible for such damage.
- Wash down your canopy; brushing lightly with a cloth or soft brush.
- Hose your canopy down occasionally (every month) with a garden hose. We recommend doing this on a hot, sunny day.
- Keep the underside of your canopy clean by simply brushing with a clean household broom. The underside can be washed in the same manner as the top.
- Keep shrubbery and vines away from the canopy, as many bushes contain acid which can be harmful.

### **Some Don'ts:** **DO NOT**

- Fold or roll in extreme cold temperatures.
- Drag your canopy across any abrasive surfaces, such as a cement drive.
- Get insect spray on the fabric, as some solutions may impair the water repellency of the fabric and cause staining.
- Allow water to stand on the canopy, causing pocketing and possible stretching.
- Wash your canopy with a harsh or strong solution, or scrub too vigorously with an abrasive cleaner.
- Force or yank your canopy when raising or lowering it. Do it gradually.
- Charcoal grill underneath the canopy.
- Store the canopy when damp or wet. Mildew is a fabric's greatest enemy and is caused by dampness. Mildew may grow on the surface of a damp canopy and permanently stain the fabric.
- Permit leaves, twigs, etc. to remain on your canopy as they might cause a staining of the fabric.
- Wrap steel or aluminum hardware with the canopy.



## **Screen Room**

Care should be taken when setting up and putting screen room away to avoid tears and cuts. When putting away the deluxe screen room, the curtains should be in the down position and secured to the bottom with their strings.

1. Wash off any droppings or foreign matter from the trees with clear water and keep vinyl clean when putting away.
2. Do not roll stakes or hardware with the screen room.
3. Never roll vinyl screen room up wet for any extended period of time.
4. If mildew is apparent, it should be treated promptly with a light solution of Naphtha soap and water. A soft brush or cloth is recommended for cleaning vinyl.

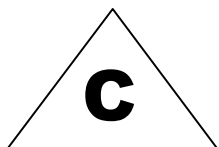
## **Fiberglass Screening**

When possible, fiberglass screening should be loosely folded, not crushed when opening and putting away screen room. Do not allow poles and stakes to punch holes in the screen.

## CHAPTER 7 MAINTENANCE/STORAGE

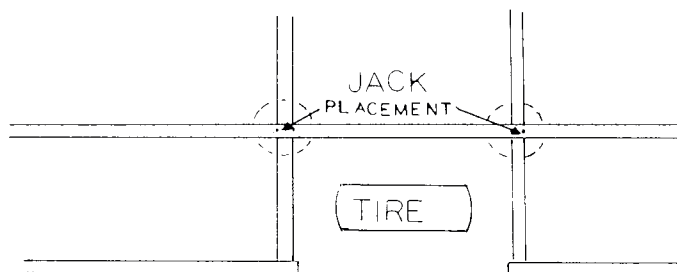
### CHANGING THE TIRE

1. Block the tire on your folding camping trailer on the opposite side of the flat tire. Unhook the trailer from the tow vehicle.



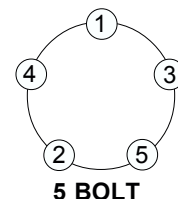
**CAUTION:** Failure to block the tire and unhook the folding camping trailer from the tow vehicle could result in twisting the frame of the trailer.

2. Loosen lug nuts. You may wish to loosen lug bolts before raising camper.
3. Use a sturdy and dependable jack to raise your folding camping trailer, preferably a hydraulic or scissor jack. Place a jack at one of the points designated the on main rail in the diagram below. A small 4" to 6" square, 1/2" plywood spacer can be placed between jack and frame for support.



**WARNING:** DO NOT place jack under any part of axle beam. The camper alignment can be altered causing excessive tire wear. DO NOT place jack under outer "Z" frame rails. DO NOT use stabilizer jacks to raise camper. They are designed to support, not raise or lower camper.

4. Remove lug nuts.
5. Change tire and wheel.
6. Reinstall lug nuts snugly.
7. Lower camper to ground.
8. Tighten lug nuts to 50-75# torque using a cross tightening sequence as shown.



**NOTE:** Jacks and lug wrenches are not supplied with camper. Bolt head size is 13/16"



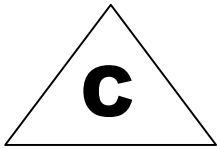
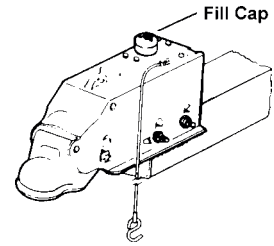
**WARNING:** Because the axles on an RV do not drive or steer as automobile axles do, the motion of being trailered adds stress that can loosen lug nuts, especially during the initial break-in period. Wheel lugs can work loose. Check and tighten wheel lugs every 10, 25 and 50 miles when a tire is changed, then after a period of extensive braking (such as coming down a steep grade) and every 3,000 miles.



To protect your investment, as well as ensuring your continued enjoyment and personal safety, we urge you to follow this maintenance schedule. You will find other recommended maintenance instructions and schedules in the individual component operating instructions. While many owners perform their own maintenance, your Jayco dealer will be happy to handle your service needs.

## BRAKE MAINTENANCE & LUBRICATION

- Lubricate ball with standard automotive grease.
- Remove master cylinder cap and ensure that it is full of automotive brake fluid.
- Check and adjust brakes at least once per year. Consult your individual brake owner's manual for additional information or consult your dealer regarding this item.



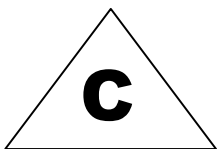
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**CAUTION:** Check fill cap before each trip for tightness. A loose cap can allow moisture to contaminate the brake fluid.

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## STORAGE

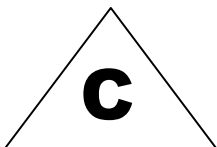
Depending upon your area and where your unit is stored, your camper may be a target for damage from rodents and insects. To protect your camper, never leave food inside the unit and ensure that all surfaces are clean. You may want to place rodent control products in the unit during periods of storage. Mice can do a tremendous amount of damage to the tent, drapes, cushions, etc. particularly during the winter months. Storing units in fields make them particularly inviting to rodents. Periodically inspect your unit during storage and seal off any areas which can offer an entry point to rodents or insects. Please remember to remove any screens or tape you have used to seal openings before you use the camper again. Special interest publications, such as articles and books offered through TL Enterprises (Trailer Life, Motorhome, etc.) can offer additional and practical advice on the proper storage of your camper. Damage from rodents or insects are NOT covered under your Jayco Limited Warranty.



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**CAUTION:** Do not store camper under dark tarps. Use only light colored, breathable covers to prevent extreme heat. Consult your Jayco dealer for the proper products to use.

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**CAUTION:** When storing your folding camping trailer, it is recommended that the battery be unhooked to avoid draining the battery.

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## LP GAS BOTTLES

1. The LP gas bottle or tank must be painted with a light color, such as white or silver plate, to reflect heat and light.
2. Rust, scratches, and/or dents can affect the safety of the bottle or tank. The D.O.T. requires that a visual inspection be made prior to each filling.
3. Any container that has been exposed to fire, leaks or seems damaged should not be refilled.
4. An LP bottle must always be placed in an upright position. Assure that the bottle is secured in place prior to moving the vehicle.
5. The D.O.T. requires that LP bottles be inspected, certified and labeled when it is twelve years old. Following the initial twelve-year period, the bottle must be qualified every five years.
6. The valve of the bottle or tank must be CLOSED at all times except when it is connected to the recreation vehicle LP gas system or is being refilled.
7. Inspect the bottle at regular intervals. If there is a problem, have it evaluated by a qualified technician and discard it, if necessary.

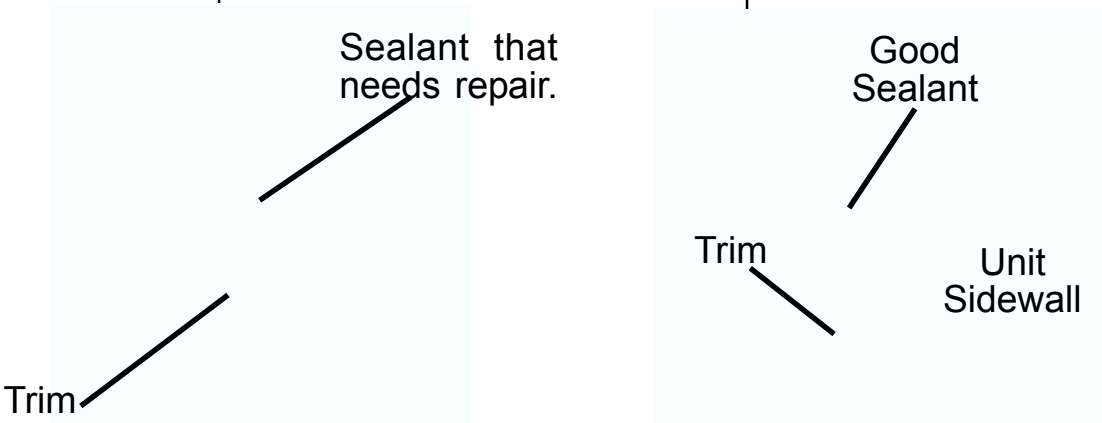
COMPONENT	MAINTENANCE	AVOID
Wheel Bearings	<p>The wheel bearings in your new Jayco tent camper are pre-greased. It is recommended that you repack these bearings at 12,000 miles or at the end of each season's camping to prepare for winter months ahead.</p> <p>Use only a multipurpose No. 1 or 2 good quality wheel bearing grease.</p> <p>If bearing or cone (race) become pitted, replace any damaged part.</p> <p><b>NOTE:</b> If you are concerned about heat in wheel bearings, check them occasionally while traveling by placing hand on hub. You will be able to hold your hand momentarily on the hub.</p> <p>If it is extremely hot, it is recommended to have the bearings inspected by a qualified service center.</p> <p><b>NOTE:</b> During break-in period (first 500 miles) your hubs may feel extra warm due to brake shoes setting in with the brake drum.</p>	<p>Exposure to water or condensation will cause bearings to rust.</p> <p>Never let bearings run dry.</p> <p>Never overpack wheel bearings, especially in the middle of hub. It will trap heat if overpacked.</p>
Lug Nuts	<p>Lug nuts must be checked at 10, 25, 50 then every 3,000 miles when your camping trailer is new. After this, lug nuts should be periodically checked for safety, especially before any long trip and extensive braking or a tire change.</p> <p>Tighten lug nuts to 50-75 ft. pounds torque using a cross tighten sequence.</p> <p>See page "Changing the Tire &amp; Wheel" in Chapter 7.</p>	<p>Not checking lug nuts.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p><b>WARNING:</b> Failure to check wheel lug nuts can cause wheel loss.</p> </div> </div>

COMPONENT	MAINTENANCE	AVOID
<b>Coupler</b>	<p>Use a small quantity of WD-40 on moving mechanism and all points of movement in actuator to insure ease of operation.</p> <p>Use conventional grease on the ball of hitch for ease of operation.</p>	
<b>Tongue Jack</b>	Lubricate the jack by extending to full down position and insert SAE 30 oil through oil hole in top of jack. Do this several times per season.	
<b>Tires</b>	Check tire pressure during travel and before each trip. Make sure the tire is cold when checking the tire pressure. Reference Chapter 3 for additional information.	Not checking tire pressure on a regular basis.
<b>Brakes</b>	<p>Have brakes adjusted by selling dealer between 200 miles after initial break-in period.</p> <p>After initial break-in, adjust the brakes following each 3,000 miles or at beginning of each season's camping trips.</p>	Not adjusting brakes, and poorly adjusted brakes will not function correctly and cause accelerated wear.
<b>Master Cylinder</b>	Check cap for tightness before each trip. Make sure cylinder is at full mark. Use Dot 3 automotive brake fluid.	



COMPONENT	MAINTENANCE	AVOID
<b>Lifter Posts</b>	Lubricate telescoping posts semi-annually with a light coat of silicone spray to insure smooth, trouble-free operation. Do not permit spray to reach tent.	DO NOT use grease or oil on posts as this lubricant will attract dirt and cause tent to become dirty.
<b>Winch</b>	Lubricate winch once per year, preferably at the season's beginning. Use a small quantity of light oil on two upper shaft bearings and also at each end of main drum which cable rolls on.  The winch should be lubricated once per year preferably at the season's beginning.	
<b>Cables</b>	Pulleys and cables need no lubricant at any time.	
<b>L.P. Gas System</b>	At the beginning of each season: <ul style="list-style-type: none"> <li>• Inspect all gas lines for crimps and road damage.</li> <li>• Check all lines and connections for leakage with soapy water or leak detector.</li> <li>• Have the regulator checked and adjusted to proper pressure once a year.</li> <li>• A gas leak check should be performed at least once a year by a qualified technician.</li> </ul>	DO NOT smoke while changing bottles or any lines.  DO NOT allow any connection to be loose.  DO NOT use ammonia based cleaners.
<b>Frame</b>	Inspect, clean and repaint steel members with e-coat paint.  Apply a commercial rust treatment.	
<b>Bed Slides</b>	Lubricate bed slides twice per year with silicone spray.	
<b>Bed Braces</b>	Inspect and replace if bent or damaged.	Using damaged bed braces.

COMPONENT	MAINTENANCE	AVOID
<b>Appliances</b>	<p>Care for brushed chrome clean with a mild soap and water and wipe dry with soft cloth. Apply a light coat of oil such as “Johnson’s Baby Oil” periodically.</p> <p>Various items on these appliances need to be cleaned periodically, such as burner orifices, etc. See individual booklets for directions or see your dealer.</p>	<p>DO NOT use steel wool, ammonia, acids, or abrasives on chrome surfaces.</p> <p>Do not chip the porcelain covering if your appliances have them. Be careful not to drop items on the porcelain surface.</p>
<b>Roof/Exterior Components</b>	<p>All roofs require maintenance. At least two times each year, inspect all seams: front, rear and along all molding for voids, lifting, pulling or cracking. Reseal as necessary or at least one time each year. If you notice any deterioration in the seal, scrape off any cracked or loose sealant and then reseal the area.</p>	<p>Excessive snow and ice loads.</p>
<b>Roof Latches</b>	<p>Inspect for tightness and damage. Periodically adjust to maintain tension and replace when damaged.</p>	

COMPONENT	MAINTENANCE	AVOID
Sealants	<p>All sealant used in construction can deteriorate from U.V. exposure, air pollution, freezing temperatures and other exposure to weather elements.</p> <p>Tape sealants used around doors, sidewall mounted fixtures, and extrusions, are subject to dry-out conditions by sunlight and will allow water seepage when they deteriorate.</p> <p>Inspect at least two times each year and look for dried-out, cracking or peeling conditions. Reseal as necessary or at least one time each year. Contact your dealer for the appropriate sealant to use.</p>	
		
Door Slide	<p>Apply silicone in the door track to allow the door to glide easier. Do so when the unit is new and periodically thereafter.</p>	Do not overtighten the mounting bolts.
Air Conditioner	<p>Inspect and tighten bolts holding air conditioner once per year</p> <p>Remove inside air box to inspect and check the mounting bolts.</p>	

## MAINTENANCE CHECKLIST

### Prior to First Trip

- ☐ Install SofStor™ organizer (SofStor™ organizer option only).
- ☐ Install privacy drapes (privacy drape option only).
- ☐ Condition the tent. Refer to Chapter 3.
- ☐ Lubricate entrance door track.
- ☐ Check LP gas lines for leaks. Refer to Chapter 4.
- ☐ Test LP gas detector. Refer to Chapter 4.
- ☐ Sanitize fresh water system. Refer to Chapter 4.
- ☐ Tighten wheel nuts to specified torque values.
- ☐ Open all windows and the door and start the furnace. Leave the windows and door open and the furnace on until the odor from the initial use of the furnace is fully dissipated. (Furnace option only.)
- ☐ Season the tent portion of the RV. Refer to Chapter 3.

### First Two-Hundred Miles

- ☐ Tighten wheel nuts to specified torque values.
- ☐ Have brakes adjusted by a qualified service technician.

### Each Trip

- ☐ Test LP gas detector. Refer to Chapter 4.
- ☐ Inspect bed bow supports.
- ☐ Check battery water level. (If equipped with battery.)
- ☐ Check brake fluid level in master cylinder reservoir. Keep filled to within ½" from top of reservoir. (Hydraulic Brake option only.)
- ☐ Check master cylinder cap for tightness. (Hydraulic Brake option only.)
- ☐ Check tire pressure and wear. Make sure the tires are cold when checking the tire pressure.
- ☐ Check running lights.
- ☐ Inspect safety chains for signs of wear.
- ☐ Test brakes.

### After Every Tire Change

- ☐ Tighten wheel nuts to specified torque values at twenty-five miles to assure that they are correctly "seated" after the tire change.

### Daily

- ☐ Recharge battery after each use. (If equipped with battery.)
- ☐ Ensure LP gas detector operation light is green in color.

### Weekly

- ☐ Test LP gas detector.
- ☐ Check tire pressure and wear. Make sure the tires are cold when checking the tire pressure.



## Monthly

- ☐ Clean and lubricate the coupler.
- ☐ Check fire extinguisher pressure. Do not test the extinguisher.
- ☐ Test the ground fault circuit interrupter (G.F.C.I.)

## Every Three Months or 3,000 Miles

- ☐ Compare water heater pilot flame with ideal flame. Refer to the water heater owner's manual for ideal flame. Have cleaned and adjusted as necessary by a qualified service technician. (Deluxe plumbing option only.)
- ☐ Compare refrigerator pilot flame with ideal flame. Refer to the refrigerator owner's manual for ideal flame. Have cleaned and adjusted as necessary by a qualified service technician. (Refrigerator option only.)
- ☐ Inspect refrigerator/ice box door seals.
- ☐ Inspect refrigerator combustion seals. Have any repairs completed by a qualified service technician. (Refrigerator option only.)
- ☐ Check LP gas lines for leaks.
- ☐ Inspect LP cylinders for rust, pits, gouges, scrapes or sharp dents. Repaint cylinders if rust is present.
- ☐ Clean and lubricate the large seal and cap seal located on the toilet. (Toilet option only.)
- ☐ Clean the ventilation seal on the toilet. Refer to Chapter 4. (Toilet option only.)
- ☐ Drain and sanitize fresh water system. Refer to Chapter 4.
- ☐ Check, clean, tighten and lubricate battery cables. (If equipped with battery.)
- ☐ Tighten wheel nuts to specified torque values.
- ☐ Examine the tires for unusual wear, sidewall defects from possible cuts, wear, bulging and abrasions.
- ☐ Lubricate tongue jack.
- ☐ Lubricate hitch ball.
- ☐ Have brakes adjusted by a qualified service technician.
- ☐ Inspect roof latches for tightness and damage. Adjust to maintain tension and replace if necessary.

## Every Six Months or 6,000 Miles

- ☐ Clean drains with approved drain cleaners.
- ☐ Check pipe connections for tightness. Tighten if necessary.
- ☐ Lubricate lifter posts.
- ☐ Lubricate bed slides.
- ☐ Lubricate entrance and baggage door locks.
- ☐ Lubricate all moving parts on the entrance steps. (Retractable steps option only.)
- ☐ Clean and lubricate stabilizer jacks.
- ☐ Inspect wheels for cracks, dents or distortion.
- ☐ Inspect and reseal, as necessary, all sealant and putty tape. Refer to information earlier in this chapter.
- ☐ Have suspension system serviced by a qualified service technician.

### Every Year or 12,000 Miles

- ☐ Lubricate moving parts on the canopy hardware. (Canopy option only.)
- ☐ Inspect and lubricate gears, reel shaft and handle threads on winch.
- ☐ Manually operate the pressure-temperature control lever on the water heater.
- ☐ Clean city water entry strainer.
- ☐ Check demand tank vent for obstructions.
- ☐ Check water pump connections and mountings for tightness.
- ☐ Inspect and reseal, as necessary, all sealant and putty tape. Refer to information earlier in this chapter.
- ☐ Have LP gas system inspected and serviced by a qualified technician.
- ☐ Have the refrigerator inspected and serviced by a qualified technician.
- ☐ Have brakes inspected and serviced by a qualified technician.
- ☐ Repack wheel bearings.
- ☐ Have furnace inspected and serviced by a qualified technician.

### Every Twelve Years

- ☐ Have your LP gas cylinders inspected, qualified, recorded and stamped by a certified cylinder qualifier. DOT also requires qualification every five years after the initial twelve year certification.

### Prior to Storage

**NOTE:** If storing for the winter, be sure all winterizing steps are followed. Refer to winterizing section.

- ☐ Drain and flush all holding tanks.
- ☐ Drain all water lines.
- ☐ Close the LP gas tank valve(s). If your tanks do not already have a cover, consider purchasing at least a vinyl LP tank cover. Make sure the regulator is covered.
- ☐ Disconnect 120-volt electric power to the RV.
- ☐ Remove tall batteries from the RV and store in a place where they won't freeze. Batteries that have been frozen will never hold a proper charge.
- ☐ Check your roof and other surfaces to ensure there are no unknown leaks or other damage that might otherwise go unnoticed until it is too late.
- ☐ Inspect and reseal, as necessary, all sealant and putty tape. Refer to information earlier in this chapter.
- ☐ Turn off 12-volt/120-volt/LP gas to the refrigerator; defrost and clean. Use crumpled newspaper or open boxes of baking soda in the refrigerator to eliminate odors during storage.
- ☐ Remove all perishable items from the interior. Include in this any items that are susceptible to freezing, if storing during the winter months.
- ☐ Cover all external outlets, such as furnace, exhaust, etc. to prevent "critters" from entering.
- ☐ Thoroughly wash the interior and the exterior of your RV.
- ☐ Close all windows and roof vents.
- ☐ Cover tires that are exposed to sunlight to prevent weather checking and other UV damage.
- ☐ Cover the roof air conditioner.
- ☐ Consider the purchase of a tarp to cover your RV during storage. Make sure you invest in a good tarp that can "breathe".
- ☐ Turn all cushions on edge to prevent the entrapment of moisture/mildew during long term storage.
- ☐ Do not use hydraulic leveling jacks during storage.

### During Storage Period

- ☐ Remove snow from the top of your RV to prevent it causing damage to the unit.



## WARRANTY

### EXTENDED TRANSFERABLE LIMITED WARRANTY

#### EXTENDED TRANSFERABLE LIMITED WARRANTY

FOLD DOWN CAMPING TRAILERS  
TENT, FRAME, FLOOR, LIFTER SYSTEM, ROOF



#### SUMMARY OF LIMITED WARRANTY:

Jayco provides extended limited warranties on the tent, frame, floor, lifter system, and roof of folding camping trailers as outlined below. Jayco warrants that all parts of our manufacture are free from substantial defects in material and workmanship during the lifetime of the unit (warranty period) under normal use and service, when used for its intended purpose of recreational travel and camping. The warranty period shall begin on the date the vehicle is sold to the first retail consumer purchaser or subsequent transferee or, if the dealer prior to sale first places the vehicle in service, on the date the vehicle is first placed in such service.

**This warranty may be transferred one time to the second owner within a two (2) year period from the date the vehicle is sold to the first retail consumer purchaser or, if the dealer prior to sale first places the vehicle in service, on the date the vehicle is first placed in such service with proper application and a \$100 processing fee.**

#### Lifter System

- (1) Jayco extends to the original consumer purchaser and subsequent transferee, a limited warranty on the lifter system against functional defects in material or workmanship for the lifetime of the fold down camping trailer.

##### (1A) Exclusions:

Normal adjustments to the lift system (such as periodic roof height adjustment to compensate for stretch in cables) are covered by this warranty for the first year only.

The installation of a roof air conditioner or any other cargo CANNOT exceed 350 pounds. Exceeding this limit voids the warranty provision on the lift system. Do not lift roof with any load in place and always unlock all roof latches before raising.

Any damages resulting from alterations to the lift system.

Any damages caused by improper maintenance, improper repair, improper use or by use of improper repair parts.

#### Steel Frame

- (2) Jayco extends to the original consumer purchaser and subsequent transferee, a limited warranty on the steel frame against functional defects in material or workmanship for the lifetime of the fold down camping trailer.

##### (2A) Exclusions:

This lifetime provision does not include the frame surface, axle beam, springs or running gear components.

#### Floor/Bed Platforms

- (3) Jayco extends to the original consumer purchaser or subsequent transferee, a limited warranty on the floor against functional defects in material or workmanship in the structural integrity of the floor for the lifetime of the fold down camping trailer. Jayco extends to the original retail purchaser, a limited warranty on the bed wood against functional defects in material or workmanship for the lifetime of the fold down camping trailer and applies only to the structural integrity of the bed wood.

##### (3A) Exclusions:

Functional defects in the vinyl floor covering are covered for the first year of ownership only. The vinyl floor covering is NOT warranted against gouges, cuts or tears. Repair or replacement of the vinyl floor covering will be the sole remedy for defects.

#### Roof

- (4) Jayco extends to the original consumer purchaser or subsequent transferee, a limited warranty on the roof against functional defects in material or workmanship for the lifetime of the fold down camping trailer or Sportster truck camper.

##### (4A) Exclusions:

This warranty provision for the roof does not include maintenance, surface finish, re-sealing, or damage due to the installation of non-standard equipment. NOTE: Snow loads must be removed from the roof to avoid damage to the roof. **All roof seams and moldings must be resealed (cap sealed) at least once each year.**

#### Tent Material

- (5) Jayco extends to the original consumer purchaser or subsequent transferee, a limited warranty on the tent material for three (3) years from the date of retail purchase against functional defects in material or workmanship on the fold down camping trailers. During year one, parts, labor and freight are covered. During year two and three, parts, Jayco factory labor and return freight from Jayco are covered. Dealer labor to remove and reinstall the tent plus shipping costs to Jayco is not covered. (In simple terms, you send it to us, we will fix it and send it back during year two and three).

##### (5A) Exclusions:

The tent is not warranted against fading, discoloration, soiling, leaking due to contaminants, mildew from condensation or storing tent when wet, or problems resulting from misuse or abuse. Rips and tears are not covered under any warranty.

## COMPANY'S OBLIGATIONS:

If the manual lifter system, steel frame, floor or roof is determined to have a functional defect in material or workmanship during the warranty term, Jayco will remedy the defect without charge for parts or labor, within a reasonable time after receipt of notice, either by repair or replacement at Jayco's sole option. Coverage for the tent is for the pro-rated duration as noted in Policy 5 of this warranty. Warranty service may be obtained from Jayco or its authorized dealers, or repair centers designated and authorized by Jayco or its dealers. In the event the purchaser discovers a functional defect in the manual lifter system, steel frame, floor or roof, and has one of those components repaired by an unauthorized service person and said repairs are covered by this Warranty, Jayco shall be liable only for costs of those repairs up to the amount that Jayco would have incurred if Jayco or an authorized dealer had made the repairs. Warranty performance will commence within a reasonable time after Jayco's receipt of notice of the defect and will be completed within a reasonable time, subject to availability of parts and scheduling.

## ITEMS EXCLUDED FROM WARRANTY:

This warranty does not cover defects caused by:

- (A) Negligence in operation and maintenance.
- (B) Misuse
- (C) Damage not resulting from defect or malfunction (act of God)
- (D) Any damage caused by alterations or additions to original equipment.
- (E) Claims relating to unauthorized repair, damage or defects.
- (F) Commercial or residential use.

## PURCHASER'S OBLIGATIONS:

Purchaser shall give notice on this warranty within ten days after discovery of the defect to either an authorized Jayco dealer or Jayco. Notice should contain the name and mailing address, proof of date of purchase, model, year and serial number of the unit, name and address of the selling dealer and a description of the defect. All costs incurred by Purchaser in transporting the Jayco fold down camping trailer for warranty service shall be borne by Purchaser. No action to enforce this Warranty shall be commenced later than three (3) months after the expiration of the warranty period.

## DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES:

***You and any other user of Jayco products shall not be entitled to any consequential or incidental damages, including without limitation, loss of use of the unit, inconvenience, lodging, damage to personal property, phone calls, meals, lost income or earnings.*** This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

## DISCLAIMER AND LIMITATION OF IMPLIED WARRANTIES:

***Jayco does not authorize any person to create for it any other obligation or liability in connection with this vehicle. Any implied warranty of merchantability or fitness for a particular purpose applicable to this vehicle is limited in duration to the duration of this written warranty. The performance of repairs is the exclusive remedy under this written warranty or any implied warranty. Jayco shall not be liable for incidental or consequential damages resulting from breach of this written warranty or any implied warranty.*** Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

## PARTS AND DESIGN CHANGES:

Jayco may make parts and design changes from time to time without notice and repairs or replacements may be made with new or different parts. Jayco reserves the right to make changes in the design or material of its products without incurring any obligation to incorporate such changes in any product previously manufactured.

All inquiries regarding this Warranty should be sent to:

### JAYCO, INC.

903 South Main \* P.O. Box 460 \* Middlebury, IN 46540  
Telephone: 219-825-0608

Litho U.S.A.

Revised 6/98



## TOWABLE TRANSFERABLE LIMITED WARRANTY

### TOWABLE TRANSFERABLE LIMITED WARRANTY

Fold Down, Travel Trailer, Fifth Wheel  
Two year limited warranty  
Three year structural



#### SUMMARY OF WARRANTY:

Jayco warrants every Jayco towable recreational vehicle to the first retail consumer and transferee, for a period of two (2) years and three (3) years on the structure from the date of purchase under normal use and service, when used for its intended purpose of recreational travel and camping that all parts of our manufacture are free from substantial defects in material and workmanship. The warranty period shall begin on the date the vehicle is sold to the first retail consumer purchaser or, if the dealer prior to sale first places the vehicle in service, on the date the vehicle is first placed in such service.

This warranty may be transferred to the second owner during the warranty period with proper application and a \$100 processing fee.

#### STRUCTURAL WARRANTY:

Jayco warrants the structure of the interior and exterior sidewalls, floor, roof, and frame to be free of material and manufacturing defects.

#### EXCLUSIONS:

- (1) Items added or changed after the vehicle left the possession of Jayco.
- (2) Any vehicle used for commercial purposes, or full time residential use.
- (3) Normal wear and usage, such as fading or discoloration of soft goods (tents, upholstery, drapes, carpet, vinyl, screens, cushions, mattresses), fading or discoloration of exterior plastic or fiberglass components, tears, punctures, soiling, mildew, effects of moisture condensation inside the vehicle, or mishandling, neglect, abuse, misuse, lightning or other acts of nature, or corrosive atmospheres which can result in rusting, oxidation or pitting.
- (4) Minor imperfections, which do not affect the suitability of the vehicle for its intended use.
- (5) Normal and routine maintenance such as inspections, lubricating, adjustments, tightening of screws, tightening of lug nuts and wheels, sealing, rotating, cleaning, or damages arising from the failure to have maintenance performed as outlined in the owners manual.
- (6) Alignment or adjustments to axles or spindles when caused by improper maintenance, loading or damage from road hazards, including off road travel, wheel damage or balancing, or damage resulting from tire failures.
- (7) Costs incurred for transportation of the vehicle to a dealer, or costs incurred as the result of the consumer's request to have repairs performed at a location other than an authorized dealership.
- (8) This Limited Warranty does not apply to or cover any component, which is warranted separately by its manufacturer. Examples are:

*Chassis...Tires...Axles...Wheels...Running Gear Components...  
Batteries...Appliances...Power Converters...Jacks...*

The written warranty that is provided by the component manufacturer is a direct responsibility of that manufacturer. Jayco makes no warranty as to those components. Please refer to the written warranties issued by such component manufacturers for the terms and provisions of their written warranty undertakings. Warranty information with respect to these items is available from your dealer.

Revised 7/98

Litho U.S.A.

## HOW TO OBTAIN WARRANTY SERVICE:

In the event that a defect in materials or workmanship is found to exist in body parts constructed by Jayco, Jayco will bear the cost of the repair or replacement of such defective materials or workmanship; Provided that the owner:

- (A) Notifies an authorized Jayco dealer or Jayco of the defect within 10 days; (If authorized service is not available in your area or other assistance is needed to obtain the benefit of this warranty, please call direct to Jayco 219-825-0670 and ask to speak with someone in the warranty department.)
- (B) Returns the vehicle to a dealer or factory service center promptly, as scheduled; and
- (C) Pays any freight or transportation costs, or import duties or fees involved.

No action to enforce this warranty shall be commenced later than three (3) months after expiration of the warranty period.

**NOTE: Jayco, in obtaining repairs, does not control the scheduling of service work at dealerships. You may encounter some delay in scheduling or completion of work.**

## PURCHASER'S OBLIGATIONS:

Purchaser shall deliver this vehicle for warranty service within a reasonable time after discovery of the defect and in no event later than thirty (30) days after expiration of the warranty period. All incidental and consequential expenses incurred by Purchaser in obtaining warranty service shall be borne by Purchaser. No action to enforce this warranty shall be commenced later than three (3) months after expiration of the warranty period.

## DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES:

***You and any other user of Jayco products shall not be entitled to any consequential or incidental damages, including without limitation, loss of use of the unit, inconvenience, lodging, damage to personal property, phone calls, meals, lost income or earnings.*** This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

## DISCLAIMER AND LIMITATIONS OF IMPLIED WARRANTIES:

***Jayco does not authorize any person to create for it any other obligation or liability in connection with this vehicle. Any implied warranty of merchantability or fitness for a particular purpose applicable to this vehicle is limited in duration to the duration of this written warranty. The performance of repairs is the exclusive remedy under this written warranty or any implied warranty. Jayco shall not be liable for incidental or consequential damages resulting from breach of this written warranty or any implied warranty.*** Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

## PARTS AND DESIGN CHANGES:

Jayco may make parts and design changes from time to time without notice and repairs or replacements may be made with new or different parts. Jayco reserves the right to make changes in the design or material of its products without incurring any obligation to incorporate such changes in any product previously manufactured.

## WARRANTY REGISTRATION:

Your warranty registration records should be completed and delivered to the manufacturers of component parts. Your Jayco Dealer will assist you in filling out the warranty registration form, which must be returned to Jayco within 10 days of you taking delivery of your Jayco product. Failure to send this warranty registration to Jayco can cause you delays in obtaining the benefits of your Jayco Limited Warranty.

All inquiries regarding this Warranty should be sent to:

**JAYCO, INC.**

903 South Main \* P.O. Box 460 \* Middlebury, IN 46540

Telephone: 219-825-0608



## LIMITED WARRANTY TRANSFER APPLICATION

The warranty on your unit is transferrable one time only from the original owner to a subsequent owner. This form as shown here and on the next page must be completed by the dealership. The form should be sent with the \$100.00 to Jayco, Attention: After Market Services.

*[Faint, illegible text from the reverse side of the page is visible through the paper.]*

## LIMITED WARRANTY TRANSFER, cont.

### TERMS AND REPRESENTATIONS

By my signature(s) on the face side of this form, and in order to induce Jayco, Inc. to transfer its Limited Warranty, I represent the following:

1. That I have received and read a copy of the Jayco Limited Warranty and Owner's Manual.
2. I understand that the unit is to be used only for recreational camping and travel.
3. That all information provided by me on the face side of this form is true and correct.
4. I understand that I am purchasing a pre-owned recreational vehicle and Jayco, Inc. does not make any representation as to its present condition.
5. I understand and agree that all my claims against Jayco must be arbitrated and that a court will enforce the arbitration award. The terms of arbitration are set forth below.

### INFORMAL DISPUTE RESOLUTION AGREEMENT

I am entitled to receive a copy of this Agreement, and I may review it with my attorney before signing. I and anyone making claims on my behalf, or through me, shall submit any and all claims I may have in connection with my recreational vehicle (RV) against any retail dealer, manufacturer, or supplier of component parts, to binding arbitration under the federal Arbitration Act, 9 U.S.C. § 1-14, to the extent permissible under federal law. I agree that if I have a claim relating to my RV, I will allow the dealer and Jayco to inspect it and make necessary repairs. If my claim is not then satisfied, I will notify Jayco and binding arbitration proceedings will be held after I have paid an initial fee of \$125 to the American Arbitration Association and I cannot pursue my claim in court or in any administrative proceeding. Arbitration will be administered by the American Arbitration Association (AAA), pursuant to its Commercial Arbitration Rules, unless and until Jayco designates a different administrator, in which event a notice will be mailed to your last known address. If my claim is less than \$10,000, Jayco will pay the initiation fee and arbitrator's fees in excess of \$125, and the arbitrator shall not award damages in excess of \$10,000. If my claim exceeds that amount or is not specified, I will pay one-half of the fees and costs in excess of \$125. I, the dealer, and Jayco will each pay their own costs and expenses in connection with the arbitration hearing. The claim will be heard by a single arbitrator, and will be held thirty (30) days after the claim is filed, unless all parties agree to a later date. The arbitrator shall be selected from a panel named by the AAA, pursuant to its rules. The arbitrator shall be permitted only to award actual damages for financial loss, and shall not award damages for personal injury (or mental anguish, or other intangible claims), or punitive damages. Statutes of limitation, which would apply to a court proceeding for my claim, will apply to commencement of arbitration proceedings. If I default on any obligation to a lender in connection with my RV, my lender may exercise all of its rights without regard to this agreement. If I file a claim in court without having first complied with this agreement, I will be required to pay all fees, costs, and expenses, including attorneys' fees, for dismissal or referral to arbitration. This agreement will apply to me, my heirs and assigns, and anyone who purchases or leases my RV from me or operates or occupies it with my permission or without objection by me. Nothing in this agreement enlarges my rights or gives me any rights or claims I would not otherwise have. **FOR INFORMATION ABOUT HOW TO FILE A CLAIM OR ABOUT THE ARBITRATION PROGRAM, CALL JAYCO AT 219-825-0608, OR THE AMERICAN ARBITRATION ASSOCIATION AT 800-778-7879.**



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## NOTES



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