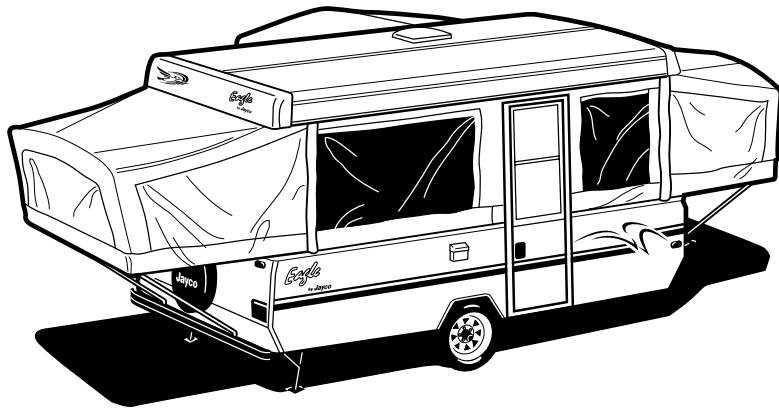




Model Year 2003

*Where Tradition and  
Innovation Meet...*



# Eagle Folding Camping Trailer Owner's Manual

**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 you use antisway 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 topics to help you learn to safely use your recreation vehicle.**

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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 recreational 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 they cannot satisfactorily answer your questions, they will call our staff or refer you to us for help.

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 Recreational Vehicles – Installation of Plumbing, Heating and Electrical Systems." The Recreational 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: 877-825-4782 or 574-825-0608  
Business Hours: 8:00-5:00 Mon.–Fri. E.S.T.

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

### Safety in Using LP Gas

You should check for leaks at the connections on the LP gas system soon after purchase and the initial filling of LP tanks. 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.

LP gas is heavier than air, leaking gas tends to flow to low places which will sometimes pocket in low areas, such as the 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 LP 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 sunlight may expel excess gas through the relief valve and be susceptible to ignition by any nearby open flame.

 **WARNING: WE STRONGLY RECOMMEND THAT YOU HAVE A PROFESSIONAL TEST YOUR LP SYSTEM FOR LEAKS AT LEAST ONE TIME EACH YEAR AS PART OF NORMAL MAINTENANCE.**

### 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 they 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.


 **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.**

### Safety When Emergency Stopping

Pull off the roadway as far as possible for emergency situations and turn on the tow vehicle's 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

 **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.**


- 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 the chance of contamination.
- Enlist services of a certified RV technician to repair and maintain the gas or electrical appliances.
- Carefully read the loading section in Chapter 3 related to your respective trailer.
- Ensure that the 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 the wheel lugs after the first 10 miles, 25 miles and then again after 50 miles. Check periodically thereafter.
- Check the brakes in a safe area - not while traveling on a busy highway.
- Always block the trailer wheels solidly before unhitching from the tow vehicle.
- Never move the unit while people are inside.
- Before leaving a camping area towing a trailer, double check the following list of items:
  - √ Insure that the safety pin or locking lever is seated.
  - √ The breakaway wire is attached to tow vehicle.
  - √ The jack is raised so that it cannot touch the ground.
  - √ The dolly wheel is removed.
  - √ The 120-volt electrical cord is properly stored.
  - √ The safety chains are connected
  - √ 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 trailer has been built for enjoyment in a recreational manner. It is not intended to be used as full-time living quarters.

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

## 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

**Jayco, Inc.**  
 P.O. Box 400  
 905 South Main Street  
 Middlebury, Indiana 46540  
 (317) 834-0008

### Warranty Registration and Customer Delivery Form

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 NUMBER)		

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

<p><b>1. ELECTRICAL SYSTEM</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 110-Volt System</li> <li><input type="checkbox"/> 12-Volt System</li> <li><input type="checkbox"/> All Interior Lights/Recept</li> <li><input type="checkbox"/> All Exterior Lights/Recept</li> <li><input type="checkbox"/> Battery - Full Charge and Maintenance</li> <li><input type="checkbox"/> Converter Operation and Use</li> <li><input type="checkbox"/> Monitor Panel and Maintenance</li> <li><input type="checkbox"/> Operation and Maintenance of Slideout</li> <li><input type="checkbox"/> Phone and Cable TV</li> <li><input type="checkbox"/> Roof Air</li> <li><input type="checkbox"/> Radio/Cassette</li> <li><input type="checkbox"/> TV</li> <li><input type="checkbox"/> Microwave</li> </ul>	<p><b>4. Water/Plumbing Systems</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Water lines</li> <li><input type="checkbox"/> Faucet(s)</li> <li><input type="checkbox"/> Winterizing</li> <li><input type="checkbox"/> Water Intake/Drain lines</li> <li><input type="checkbox"/> Outside shower</li> <li><input type="checkbox"/> Shower</li> <li><input type="checkbox"/> Holding Tank</li> <li><input type="checkbox"/> Toilet</li> </ul>	<p><b>6. Running Gear</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Brake Adjustment and Maintenance</li> <li><input type="checkbox"/> Bearing Lubrication</li> <li><input type="checkbox"/> Brake Wire Connections</li> <li><input type="checkbox"/> Hydraulic Brake Fluid and Maintenance</li> <li><input type="checkbox"/> Grease</li> <li><input type="checkbox"/> Oil and Lube Jacks</li> </ul>
<p><b>2. Folding Camper Set Up</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Compartment and Close</li> <li><input type="checkbox"/> Prop</li> </ul>	<p><b>5. Appliances and</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Monitor Panel</li> <li><input type="checkbox"/> For leak repair</li> <li><input type="checkbox"/> Pressure</li> <li><input type="checkbox"/> N. Water</li> <li><input type="checkbox"/> Therm</li> <li><input type="checkbox"/> and Over</li> <li><input type="checkbox"/> Water and Bypass</li> <li><input type="checkbox"/> Refrigerator</li> <li><input type="checkbox"/> Tires - Correct size and inflate to sidewall pressure specs</li> <li><input type="checkbox"/> Door Locks/Keys</li> <li><input type="checkbox"/> Wheel Lugs - (Tighten to specs for FL LB Torque)</li> <li><input type="checkbox"/> Review Maintenance</li> <li><input type="checkbox"/> Tighten at 10, 25, 50 miles.</li> </ul>	<p><b>7. GENERAL APPEARANCE</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Interior/Exterior Trim</li> <li><input type="checkbox"/> Exterior Finish</li> <li><input type="checkbox"/> Bumper, Steps, A-Frame</li> <li><input type="checkbox"/> Touch Up as Needed</li> <li><input type="checkbox"/> Window and Roof Sealant</li> </ul>

Dealer Installed Options (Dealer installed options are not covered under Jayco's limited warranties.)

---

**OWNER/DEALER INSPECTION**

<ol style="list-style-type: none"> <li>1. Exterior and interior finish.</li> <li>2. Operate all appliances and discuss maintenance.</li> <li>3. Review operation, maintenance and safety of LP system.</li> <li>4. Explain weight ratings, limitations and proper load distribution.</li> </ol>	<ol style="list-style-type: none"> <li>5. Operate all fresh water and plumbing components including faucets, shower, toilet and drain locations.</li> <li>6. Review low vehicle, hitch and sway control set-up - test drive.</li> <li>7. Complete review of owner manuals and highlight safety issues and maintenance.</li> </ol>
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I HAVE COMPLETED THE ABOVE INSPECTION ON THIS FAMILY CAMPING VEHICLE AND HAVE TAKEN A TEST DRIVE AT THE TIME OF PURCHASE. I NOTICED:

---

**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

0521402 M.F.

## 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 to award actual damages for financial loss, and shall not award damages for personal injury, mental anguish, or other intangible claims, or punitive damages. The arbitrator's award shall apply to a court proceeding for my claim, and I will not apply for enforcement of arbitration proceedings. If I default on any obligation under this agreement with my RV, my lender may exercise all of its rights without regard to this agreement. I will file a claim in court without having first complied with this agreement. I will be required to pay the fees, costs, and expenses, including attorneys' fees, for the arbitration. This agreement will apply to me, my heirs and assigns, and my successors in title, or leases my RV from me or operates or occupies it, or my permission, without objection by me. Nothing in this agreement enlarges my rights or gives me additional rights or claims I would not otherwise have. **FOR INFORMATION, BE SURE TO GET A CLAIM OR ABOUT THE ARBITRATION PROGRAM, CALL JAYCO AT 574-834-0608, OR THE AMERICAN ARBITRATION ASSOCIATION AT 800-778-9888.**

0521402 M.F.



## 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 recreation 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.

If 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 if the initial attempt fails with the service department.
3. If further assistance is needed, contact:

**Customer Relations Dept.**

Jayco Incorporated

P.O. Box 460

Middlebury, IN 46540

**Phone: 877-825-4782 or 574-825-0608**

**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 help you resolve your repair needs. **It is important that you contact your selling dealer before calling Jayco. In most cases, the dealer can provide the service you require.**

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 **877-825-4782** or **574-825-0608** 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 your repair needs will be resolved at the dealer's facilities.

**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.**

### Dealer

Your authorized Jayco dealer has inspected and serviced your new Jayco RV. They are 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 your Jayco dealer is not an authorized service center for the product in question, they can assist you in obtaining authorized service.

### Factory

A factory service department is operated at our Middlebury, Indiana, manufacturing facility. If your Jayco RV is in need of repairs and your dealer recommends that the factory make the necessary repairs, it may be returned to our plant by 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. **All retail parts inquiries should be routed through your dealer.** If you are unable to find a dealer in your local area, contact our Customer Service Department at 877-825-4782 or 574-825-0608. We will assist you in 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 must 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 must 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 sway control 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. 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. Make sure your tow vehicle is mechanically sound for your intended usage and pay particular attention to suspension components, tires, and tire pressure. Sway control 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 is possible) or seek out professional instruction. Obey all posted speed limits. Be prepared to drive slower and if you must pass, do so with utmost care, particularly in strong winds. When being passed by or when passing semi-trailers or large buses, 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 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 trailer. 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. A sway control device may be needed with some tow vehicle/trailer combinations.

 **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 trailer 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.

## Hitch Height

To determine the hitch height for your trailer, make sure that it is level. Measure from inside the hitch coupler to the ground. Record this number in the box at the side for future reference. If you have additional questions, consult with your Independent Jayco Dealer.


This unit hitch height is:

Jayco Inc. 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 tow 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.

## 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.

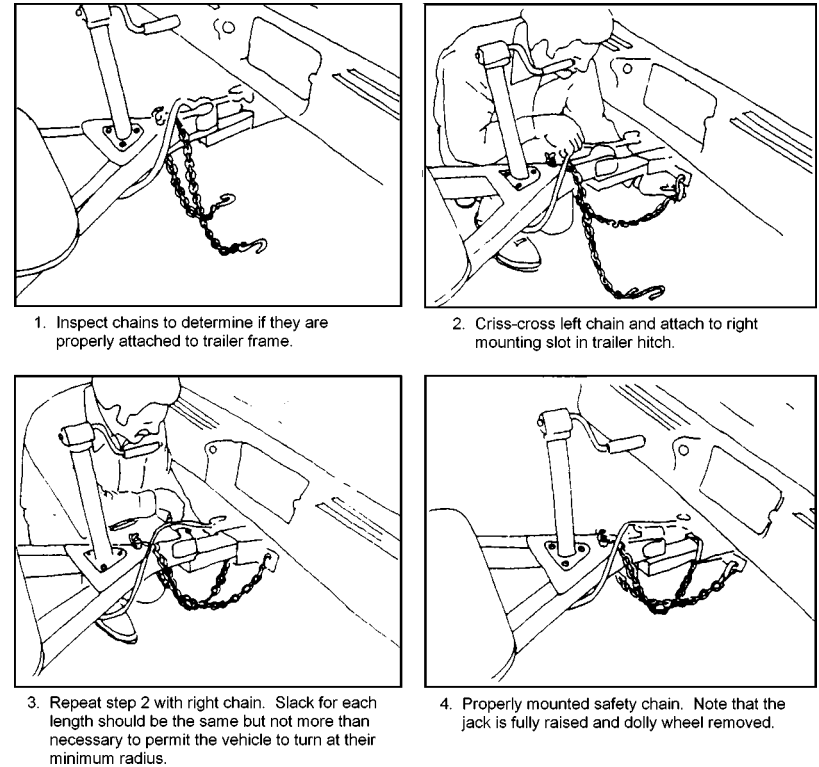
 **CAUTION:** It is very important to place tension on the cable system to prevent them from becoming tangled. If the cables become tangled, it could lead to breakage of the lifter cables when the roof is raised.

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

## The Safety Chain

There are different safety chain requirements determined by 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.

Figure 3-1



## Towing

While towing your Jayco camping trailer you need to be aware of the extra weight behind your tow vehicle. Following is a list of 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. **DO NOT SPEED AND BE PREPARED FOR DISPLACED AIR WHEN PASSING OR BEING PASSED BY LARGE TRUCKS.**
- 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. **DO NOT EXCEED 55 MPH.**
- Drive slowly during wet and icy conditions to ensure better control of your tow vehicle.
- Check all exterior lights before each trip.
- Obey traffic laws, allow extra time for stopping and decrease your 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 that 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, located on the roadside front corner of the camping 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, which will be found on the inside surface of the lower entry door (a copy is printed on the next page).

The weight provided in the Jayco literature for your travel trailer is based on standard equipment on that particular model and is “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 camping trailer.**



**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 the dealer or owner for such modifications 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 : <b>JAYCO, INC.</b>		DATE : _____	
FABRIQUÉ PAR :			
GVWR/PNBV KG.	VIN/NIV	PRESS./ COLD INFL. PRESS. DE GONFL. À FROID	
_____	_____	_____	
GAWR/PNBE		SIZE/DIMENSION	PSI/LPC KPA
		TIRE/PNEU RIM/JANTE	
_____		_____	_____
FRONT / DEVANT		_____	_____
INT/ CENTRAL		_____	_____
REAR/ ARRIÈRE		_____	_____
TYPE OF VEHICLE/TYPE DE VÉHICULE		TRAILER/REMRORQUE	
THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND STANDARDS PRESCRIBED UNDER 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 RÈGLEMENT SUR LA SÉCURITÉ DES VÉHICULES AUTOMOBILES DU CANADA EN VIGUER À LA DATE DE SA FABRICATION CI-DESSUS.	



**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 \_\_\_\_\_

GVWR (Gross Vehicle Weight Rating) is the maximum permissible weight of this trailer when separated from the tow vehicle.

UVW (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.

CCC (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.

GCWR (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.

\*\*The GCWR of this trailer is:           ∅

### CARGO CARRYING CAPACITY (CCC) COMPUTATION

Pounds / Kilograms (kg.)

GVWR .....  
 Minus UVW .....  
 Minus fresh water weight of \_\_gallons @ 8.33 Lbs./gal. ...  
 Minus LP-gas weight of \_\_\_\_ gallons @ 4.24 Lbs./gal. ....  
 CCC for this trailer\* .....

\*Dealer installed equipment will reduce the CCC.


\*\*This trailer is not recommended or intended to be used to tow any other vehicle or trailer.


**CONSULT OWNER MANUAL(S) FOR SPECIFIC WEIGHING INSTRUCTIONS AND TOWING GUIDELINES.**

## LOADING CARGO

Packing camping gear in your folding camping trailer 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 while traveling. 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.

**Observe capacity rating to avoid problems.**


 **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. Possibly causing 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.

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

**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.

	Pounds	Kilograms
Canopy .....	26-31	12-14
Bike Rack .....	41	19
Boat Rack .....	26	12
Additional bike kits .....	18	8
13,500 air conditioner .....	Average 100	45

 **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 (115 kilograms). The 250 pounds (115 kilograms) includes all attached options such as: bike rack, canopy, air conditioning and boat rack.

**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 tanks 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 full or a nearly full tank, 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 camping 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 above standard equipment weight)

	Eagle 10		Eagle 12		Eagle 14	
	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.
Convenience Group	34	15.5	41	18.6	41	18.6
Spare Tire	24	10.9	34	15.5	24	10.9
Hydraulic Brakes	48	21.8	48	21.8	48	21.8
Electric Brakes	30	13.6	Standard		Standard	
Canopy	28	12.7	31	14.1	34	15.4
Deluxe Screen Room	19	8.6	21	9.5	23	10.4
Screen Room	19	8.6	21	9.5	23	10.4
Furnace	19	8.6	19	8.6	19	8.6
Refrigerator - 2 cu. ft.	18	8.2	18	8.2	18	8.2
Refrigerator - 3 cu. ft.	11	5	11	5	11	5
Refrigerator - 4 cu. ft.	20	9.1	20	9.1	20	9.1
Air Conditioner	110 max.	50	110 max.	50	110 max.	50
Self-Storing Step	26	11.8	Standard		Standard	
Deluxe Plumbing	29 (10UD, 10SG)	12.7	N/A		N/A	
Cassette Stool	N/A		23 (12FSO)	10.4	23	10.4
Bath/Shower	N/A	N/A	173 (12FSO, 12UDST)	74.1	173	74.1
Front Stabilizer Jacks	9	4	Standard		Standard	
Extra Table	25 (10UD)	11.3	25 (12UDST, 12SO)	11.3	N/A	
NapSak™ (1,2,3,4)	7-28	3.2-7.3	7-28	3.2-12.7	7-28	3.2-12.7
SofStor™ Overhead Storage (1,2)	8-16	3.6-7.3	8-16	3.6-7.3	8-16	3.6-7.3
SofStor™ Wardrobe	6-9	2.7-4.1	6-9	2.7-4.1	6-9	2.7-4.1
OutStor™ Storage Package	12	5.4	12	5.4	12	5.4
BBO Grill	23	10.4	23	10.4	23	10.4
Summit Option	25	11.3	25	11.3	25	11.3

**NOTE:** Other small option items are 5 lbs. or less. LP Gas weighs 4.25 lbs. per gallon. Water weighs 8.32 lbs. per gallon. Certain options are not available on all models or may be standard equipment on others.

### WEIGHING INSTRUCTIONS

To properly weigh your recreation vehicle, it should first be weighted, 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 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 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 camping trailers 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.

**! WARNING:** It is recommended that the tire pressure be checked at the beginning of each journey to obtain the maximum life of the tires. Follow the instructions of the tire manufacturer to determine the correct tire pressure. Underinflation may cause tire failure or swaying and loss of control, resulting in injury, death or property damage.

### TIRE CHART

MODEL	TIRE SIZE	LOAD RANGE	MAXIMUM LOAD
Eagle 10	5.30 x 12	C	1045
Eagle 12	175/80R x 13	C	1360
Eagle 14	5.30 x 12	C	1045

**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.

### VINYL TIRE COVERS (Option)

**TIP:** To minimize the possibility of the tire “bleeding” through onto a tire cover, use a separator (garbage bag, paper, cloth, etc.) between the tire and the cover.

### WHEEL LUGS

Your Eagle folding camping trailer is equipped with 12” or 13” tires depending on which model you own. When the wheels are installed on your trailer, the lug nuts must be tightened according to the following specifications:

- 12” 85-95 foot pounds of torque
- 13” 50-75 foot pounds of torque.

**⚠ WARNING:** Axles on camping trailers do not drive or steer as auto mobile 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 miles, 25 miles, and 50 miles when the camping trailer is new or a tire is changed, and then check and tighten after periods of extensive braking (such as coming down a steep grade) and every 3,000 miles.

After 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 operates 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. Practice coordinating the trailer brakes with the tow vehicle brakes before towing your vehicle at higher speeds or significant distances. Employing the trailer brakes before the tow vehicle brakes will reduce swaying.

### Electric (Option on 10UD, 10SG, 10FS)

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 brake assemblies.

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

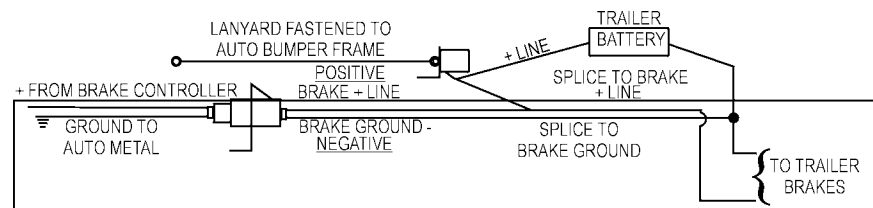
Brake assemblies are wired in parallel, never in a series. Being parallel, there will be equal voltage and amperage at each brake assembly for equal braking capability and/or performance.

**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 THE INITIAL BREAK-IN, YOU CAN NOW ADJUST YOUR SHOES ACCURATELY FOR 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 trailers if it breaks 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.



Breakaway Switch Schematics

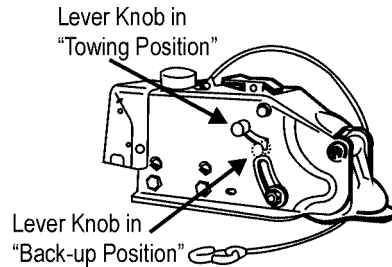
## Hydraulic (Option)

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

## Backing Your Trailer (Hydraulic)

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 the brakes, making it difficult to continue to reverse.

1. Prior to backing up a slope or through soft ground, pull the 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 the trailer up. This latch will slide into the correct position when pulling forward.




**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. When towing, this cable must 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 protection.

If the trailer separates 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:** The breakaway protection should be fully released during vehicle operation. Check before towing. Do not use breakaway protection as a parking brake.

## 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.

## Inspection and Maintenance

To insure that your fire extinguisher will be ready when needed:


- Read and follow all instructions on label and in owner's manual.
- Inspect the extinguisher AT LEAST once a month - more frequently if exposed to weather or possible tampering.
- Check pressure by pressing in white indicator button. If button does not spring back, extinguisher will not work properly and must be discarded.
- Be sure the yellow lock pin is firmly in place.
- Keep the extinguisher clean. Check for dents, scratches, corrosion or any other damage.
- Check the discharge nozzle. Make sure it is clean and free of obstructions.


 **CAUTION:** Under certain fire and heat conditions, the dry chemical powder in this extinguisher (and similar units) will cause damage or prove extremely difficult to remove from oven surfaces, including self-cleaning models. Do not use self-cleaning feature to remove ABC Powder.

 **CAUTION:** Avoid inhaling the dry chemical agent. The agent contained in this extinguisher is not toxic, but may cause skin irritation. In case of contact, flush affected area with clean, cool water. If irritation persists, contact a physician immediately. Chemical name of agent is printed on extinguisher label.

## 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 CAMPING TRAILER

**WARNING:** Never leave your folding camping trailer plugged into 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.

**CAUTION:** To prevent damage to the lifter system, never move your folding camping trailer unless the roof is lowered as in the travel position and the roof latches are fastened.

### 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 repellent on the **INSIDE** of the seams where seepage occurs. One or two applications of water repellent 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. 3-2)

Fig. 3-2

**CAUTION:** Never attempt to crank up the roof until all corner latches are unlocked and free. Fig. 3-2. **NEVER LIFT ROOF WITH CARGO IN PLACE.**

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

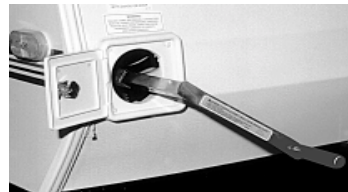
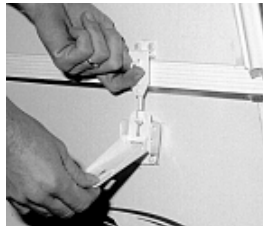


Fig. 3-3

**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 by placing the provided jack crank onto the jack shaft and turning it clockwise to lower. Lower the jack until the frame begins to rise slightly. Equalize the 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 them out before operating. To maintain the stabilizer jacks, keep them clean and lubricated twice a year using only silicone lubricants as 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.

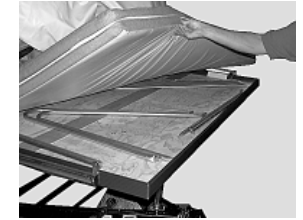


Fig. 3-4

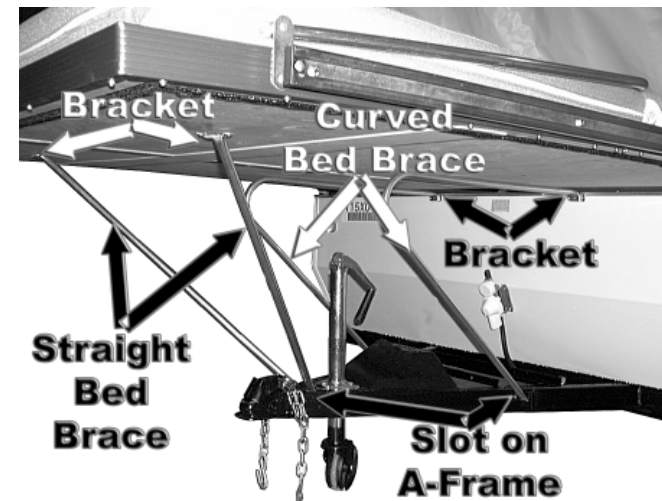
**NOTE:** The bed braces and bed bow braces are stored under the bed mattress. (Fig. 3-4)

**CAUTION:** For slideout models, pull the slideout tent outside of the unit **BEFORE** pulling the beds out. Make sure that all tent material is clear from the bed slide.

6. Before pulling out the front bed, place the flat end of the bed brace into the slot provided on the frame. Place the bent hook into the bracket attached to the front wall. (Fig. 3-5)
7. Pull the beds out until the rail hits the bed stop. Distribute the awning panel over the bunk and place the corners of the tent over the bed corner. 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.

Fig. 3-5



8. Place the flattened end of the straight bed brace into the slot provided on the frame of the camper. Place the angled and smashed end of the straight bed brace into the bed bracket near the outer corner under the plywood bunk bed. (Fig. 3-5)
9. Now, complete raising the roof until the gray limit cable is almost tight and the tent is almost taut. DO NOT OVERTIGHTEN. (Fig 3-6)



Fig. 3-6

**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. Pull out the slideout using the handle(s) located on the side of the slideout.

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

- b. Pull the tent flaps located on the side of the slideout out over edge and attach them to the Velcro.
- c. Enter the unit and set up the kitchen flip-top. Attach the stove grate.



Fig. 3-7

10. Inside the unit, for the bed and slideout tent set up, 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. 3-7)

Fig. 3-8



Fig. 3-9

**TO INSTALL DOOR**

11. Unsnap the ties holding the door to the roof (Fig. 3-8). Rotate the turn button (Fig. 3-9) located on the bottom of the door 1/4 turn to unlock it. Swing the door down following the ceiling tracks (Fig. 3-10) and place the bottom of the door in the threshold opening of the entrance door. Insert the top of the door and rotate the twist locks (Fig. 3-11) 1/4 turn. Lock the four turn buttons (Fig. 3-12) on the side of the door.

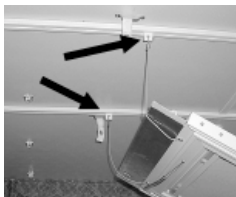


Fig. 3-10

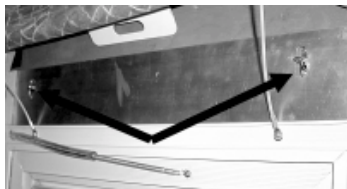


Fig. 3-11



Fig. 3-12

12. Insert the canvas by folding the hard edge of the tent over 180° and inserting this portion into the channel of the screen door, starting at the bottom (Fig. 3-13). This assures the best possible fit.
13. On units without a slideout, set up the kitchen flip top and attach the stove grate.
14. Exit the unit and pull bed flaps over the bed corners until the flaps are extended under the bed. Securely attach all Velcro.

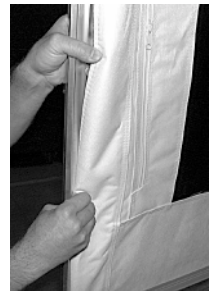


Fig. 3-13

**WARNING:** Ensure that all Velcro fasteners are mated and securely fastened. Loose areas could result in openings large enough for an infant, child or adult to fall through. Never leave small children in the camper unattended.

**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.
Kid Stuf Cargo Bunk Organizer . . . . .	10 lbs.

**Closing Camper for Travel**

**INSIDE**

1. Enter the camping trailer and remove all soft storage components.
2. Remove the canvas from the screen door by pulling it away from the channel, beginning at the TOP of door, proceeding to the bottom.
3. Remove the door from the top and bottom tracks. Slide the door to the travel position along the tracks (Fig. 3-10) located on the ceiling and lock it in place with the turn button (Fig. 3-9) located on the bottom of the door by turning 1/4 turn. Snap the ties holding the door to the roof (Fig. 3-8).

**CAUTION:** When securing the bottom of the door, insure that the door valance is placed between the door and the ceiling to avoid damage to the valance.

4. Zip all windows closed.
5. Roll all privacy drapes upward by pressing both buttons on either side of the black locks and drawing the locks upward.
6. Remove the bow braces located in the bed and slideout areas from the roof bracket and pull the brace to center of the trailer. Remove the bow brace from the saddle plug on the bed bow. Place the bow braces under the bed mattress. (Fig. 3-4)
7. Remove the stove grate and stove. 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 crank an additional 1/8 of a turn (snug tight).

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

## FOR MODELS WITH SLIDEOUTS

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

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

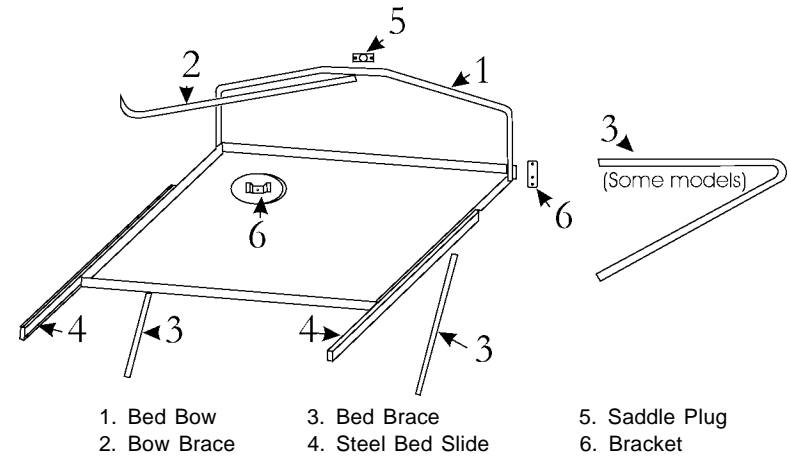
9. Unfasten all Velcro located under beds.
10. Remove the straight bed braces and push the beds in carefully and completely.
11. Remove the curved bed braces. Place all braces under the bed mattresses carefully. (Fig. 3-4)
12. Lower the roof half to two-thirds down. Reach inside and distribute the awning panel of the tent and drape it EVENLY across the beds and slideout (if applicable).
13. Continue to lower the roof until the final 6-8". Using both hands and arms, push the tent from each side, front and rear, into the center of camper evenly and carefully continue to lower roof.
14. Attach the roof latches to the clips (Fig. 3-2). Due to air pockets, the roof may need to be pushed down with your hand the last 1-2".
15. Before removing the crank, tighten the cable system by turning the crank in the "UP" movement to make it taut taking caution not to overtighten. This will place slight tension on cable system and avoid 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.

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

**CAUTION:** Excessive snow, 8" or more, or ice, 2" or more, places excessive weight on roof. Such excessive quantity of snow or ice should be removed as needed. Care MUST be exercised as not to damage the roof material when removing snow & ice. Excessive weight can damage the roof, seals, etc. Water leaks and poor fit or operation are the results of this damage.

## Parts List for Front Beds Eagle Folding Camping Trailers



## CANOPY SETUP

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

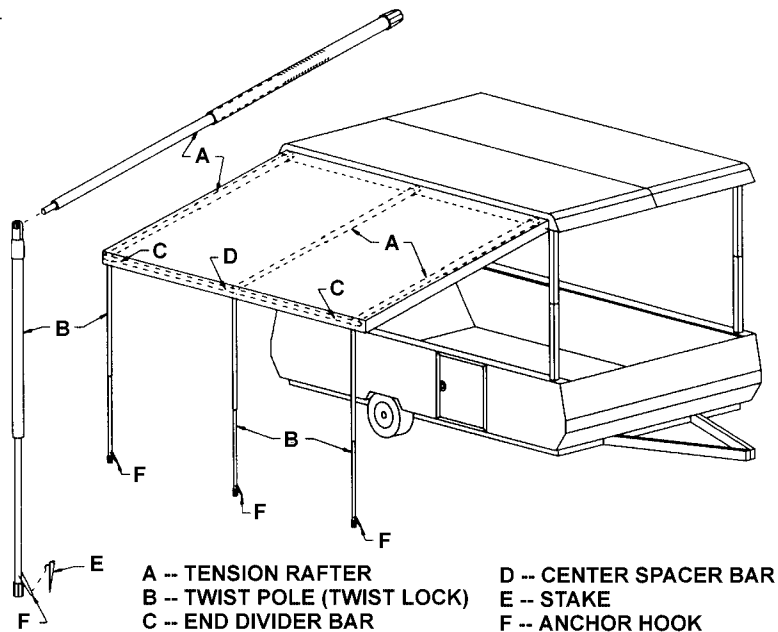
Read these instructions fully before beginning the setup. Become familiar with each pole, its description and where it belongs. Refer to Fig. 3-14.

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

1. Open the zipper and unroll the canopy fabric.
2. Insert the two end divider bars "C" (with gray caps) and the center spacer bar "D" (7/8" tube) into the 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 the tension rafter and place it in the center of the roof side board, as pictured. The metal tip from the tension rafter will rest against the roof metal or the canopy bag.
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 the twist poles "B" and the end divider bars "C." Position the 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 the Jayco Limited Warranty.

Fig. 3-14



## SCREEN ROOM SETUP

1. The canopy must be set up through step #3 before attempting to attach the screen room. (See Canopy Setup.)
2. Open, unfold and spread the screen room under the canopy area. The 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 the fabric. Slide a two-piece tension rafter into the pocket with the white crutch tip to be placed against the side panel of the roof. Insert the crutch tip at the outer edge, and push in toward the unit.
4. Insert the peg through the "eye" of the twist pole "B" and then through the hole at the outer end of the end divider bar "C". The white rubber crutch tip will rest against the roof metal or the canopy bag. Install both ends.
5. Attach the Velcro hook sewn to the inner side of the canopy to the Velcro loop sewn to the outer side of the screen room, full length.
6. Wrap the lifter post covers around the posts and attach them with the Velcro.
7. Ensure that all snaps are secure, fastening the skirt to the frame of the unit.
8. Attach the Velcro from the skirt to the Velcro on the screen room lower corners.
9. Adjust the three twist poles "B" so the bottom of the screen room is just touching the ground.
10. Install the seven (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 camping trailer are several types of fresh water tanks and filling methods based on options purchased. Each type is explained below along with its operation.

1. A five gallon portable water tank may be located inside the cabinet nearest the sink. A 3/8" non-pressure hose is attached to the tank.
2. A ten gallon (or larger) water tank may be permanently installed in your camper. To fill the tank, open the lid as shown. (Fig. 4-1) Insert or hold the water hose and fill the tank to the desired capacity. The tank has an overflow outlet, but care must be taken to not overfill it.



Fig. 4-1



Fig. 4-2



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

3. Water may be received into the system through a direct hookup, referred to as "city water connection," (Fig. 4-2) when attached to the entry supply and water hose.
4. Operation of the hand pump:

Tank Water - place the handle in the vertical position, using short strokes. Allow 10-20 seconds to prime pump and fill the water lines before filling the sink.

City Water - move the handle down slowly to open "CW" valve. Hold it in this position for quick use. Press down completely to lock it for continuous water flow.



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


Depress the handle while traveling. The spout will swivel over 90° for your convenience. The spout is NOT a handle.

5. On camping trailers with the deluxe plumbing package, or shower/toilet options, there is an additional 12-volt DC demand pump to supply water needs. 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 a cabinet near the pump to turn the power on or off. When 12-volt DC power energizes the pump, it will self-prime and fill the 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 the direct water supply.

**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 water pressure 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 (OPTION)

A convenient faucet assembly (Fig. 4-3) with hot and cold water is available for exterior use to rinse, or wash items before entry into the camper. Remove the shower head from the bracket. Carefully adjust the mixing valves for desired water temperature.




Fig. 4-3

### 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 4 teaspoons of household bleach (5% sodium hypochlorite solution). Pour one gallon of solution into the tank for each 5 gallons of tank capacity.
2. Complete filling the tank with fresh water. Open each faucet and drain cock until all air has been released from the pipes and the entire system is filled.
3. Allow the solution to stand for three hours.
4. Drain and flush the system 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 of water and allow this solution to agitate in tank for several days by vehicle motion.
6. Drain the tank and again flush the system with potable water.

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

### DRAINAGE - FRESH WATER

Portable water containers need to be removed from cabinets and physically emptied. Permanent water tanks may be drained through a valve located near the tank. Any camper with a demand pressure pump system will have low-point drains attached to the water lines normally 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 drain plug.

### DRAINAGE - WASTE WATER

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

Fig. 4-4



### PORTABLE GRAY WATER HOLDING TANK (OPTION)


If the portable holding tank option is part of your unit, it is located at the rear of the trailer in the center. Refer to the following instructions for utilizing the tank.


#### Lowering the Tank:

1. To unlatch the steel cradle, remove the safety pin. Push up on the handle. Rotate the latch 90 degrees to line up with the slot in the handle. Lower the steel cradle to the ground.
2. Remove the tank by pulling it toward you out of the cradle. Position the tank near the gray water drain on the camping trailer. Hook up to the drain with the hose provided.

#### Replacing the Tank for Travel:


1. Drain the tank at an approved dump station. Rinse the tank. Line the tank up with the cradle and push it forward onto the cradle. Lift the cradle up so the latch goes through the slot in the handle.
2. Turn the latch 90 degrees. Replace the safety pin. A padlock may be used instead of the safety pin for added security.

 **WARNING:** The safety pin or a padlock must be in place before towing the trailer from your campsite.

 **WARNING:** Never place a full or partially full holding tank back in the cradle. The sloshing of the contents from left to right may cause a sway condition in the camping trailer when towing. The added weight in the rear of the trailer will remove weight from the hitch, which may cause a sway condition or other handling problems. **THE PORTABLE TANK MUST ALWAYS BE EMPTY WHEN TOWING YOUR CAMPING TRAILER.**

### PERMANENT 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.

 **WARNING:** We recommend that you **DO NOT** travel with waste in your holding tank. A full holding tank is 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 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 a full or nearly full tank, together with cargo you have added, may exceed the GVWR of your trailer, causing towing difficulties and resulting in property damage or personal injury.

## WATER PURIFICATION SYSTEM (OPTION)


A water purification may be installed as an option on your trailer. This system is equipped with a long-life cartridge to effectively reduce chlorine, taste, odor, sediment, organic chemicals and inhibit bacteria growth. If the water system has not been used for some time, allow water to flow for several minutes to flush the system. When the system is not in use, store the water filter cartridge in the mounting bracket located near the water system, or when necessary, out of freezing temperatures.

RV antifreeze will damage the water filter cartridge. The water purification system manufacturer has supplied a clear plastic bypass hose with fittings on either end which is designed to replace the water filter when the trailer is winterized. The hose should be stored when the filter is in use and kept available to reuse.

The filter should be replaced when water flow is reduce causing an inconvenience, or at least one time each year.

### TO REPLACE THE FILTER:

1. Drain the water system.
2. Remove the cartridge by disconnecting the fitting at either end of the filter and pulling it out of the fittings. It may be helpful to have a container available under the filter to catch any water left in the lines or filter.
3. If winterizing the unit, install the manufacturer supplied bypass hose and store the filter as is appropriate.
4. If replacing the filter, install the new filter and tighten the fittings at either end.


 **CAUTION:** Do not allow the filter to freeze or come in contact with RV antifreeze when the trailer water system is winterized. Refer to complete instructions supplied by the manufacturer.

## Cassette Toilet (Option)

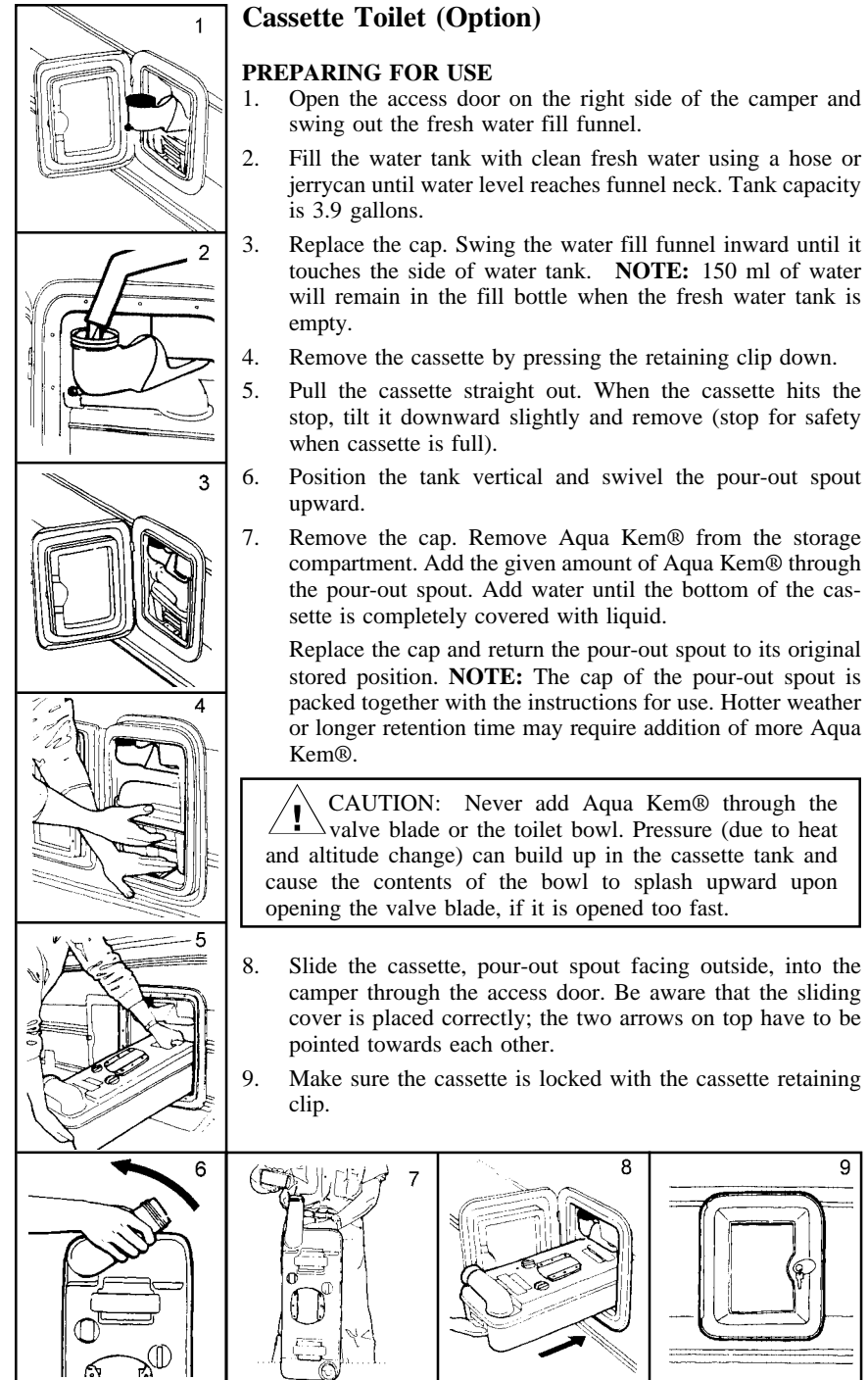
### PREPARING FOR USE

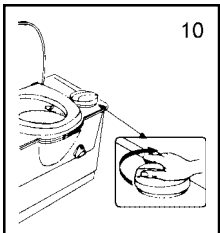
1. Open the access door on the right side of the camper and swing out the fresh water fill funnel.
2. Fill the water tank with clean fresh water using a hose or jerrycan until water level reaches funnel neck. Tank capacity is 3.9 gallons.
3. Replace the cap. Swing the water fill funnel inward until it touches the side of water tank. **NOTE:** 150 ml of water will remain in the fill bottle when the fresh water tank is empty.
4. Remove the cassette by pressing the retaining clip down.
5. Pull the cassette straight out. When the cassette hits the stop, tilt it downward slightly and remove (stop for safety when cassette is full).
6. Position the tank vertical and swivel the pour-out spout upward.
7. Remove the cap. Remove Aqua Kem® from the storage compartment. Add the given amount of Aqua Kem® through the pour-out spout. Add water until the bottom of the cassette is completely covered with liquid.

Replace the cap and return the 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 it is opened too fast.

8. Slide the cassette, pour-out spout facing outside, into the camper through the access door. Be aware that the 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.



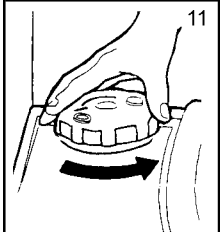


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## OPERATION

### 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 the 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.

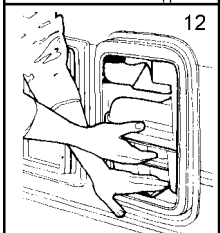


11

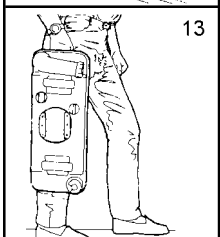
### Emptying the Cassette

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

**CAUTION:** Do not allow the cassette to become overfilled, see the trouble shooting section in the manufacturer's information for emergency emptying procedure. To empty the cassette be sure that the valve blade is in the closed position.

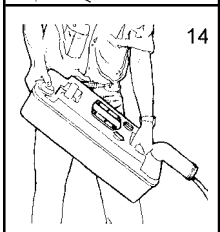


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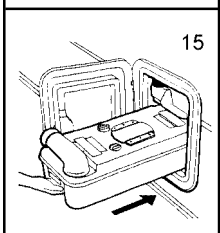
13

12. Open the access door on the outside of the camper and remove the cassette tank by pressing the retaining clip.
13. Carry the cassette using the lower carrying handle, pour-out spout up, to a normal household type toilet or other authorized disposal point. Set the cassette in a vertical position on the ground and rotate the pour-out spout upward.



14

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



15

15. If necessary, make the toilet ready for use (see #1-7). Slide the cassette into the toilet and lock the access door.

## Shower System (Option 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. Open the shower countertop and secure the lock.
2. Install the shower hose and head. Observe there are two (2) brackets to mount the shower head, the first bracket is beside the faucet for travel and storage, the second bracket is mounted on the roof to use when taking a shower.
3. Prepare your curtains, shower and privacy, to prevent water from reaching areas other than the shower pan.
4. Ensure that the water heater is in operation.
5. Open the faucets and adjust the water to the desired temperature.
6. All used water will drain in the gray water tank located below the camper floor.
7. To drain the gray water holding tank, attach a 1¼ x ¾" swivel adaptor and hose to the termination valve. After the 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 ten gallon capacity.

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

## Winterizing Camping Trailer

**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. USE ONLY NON-TOXIC ANTI-FREEZE.**

### NON-POWER SUPPLY SYSTEMS

1. Drain the tank. The remaining small quantity of water in a plastic tank will not damage the tank by freezing.
2. Ensure that all water has been drained from the hand pump by using an up and down motion. No anti-freeze is needed for hand pumps.
3. Pour one pint of non-toxic anti-freeze into the trap to ensure that the small amount of water left in the trap assembly does not freeze.
4. The faucets should be left in the open position to allow air movement until the lines are dry.

## DEMAND OR POWER PLUMBING SYSTEMS

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 of the left front corner of the camper. Also open all faucet valves for air to replace the water space. The lines may not drain completely if the 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 a siphon hose into a container full of non-toxic RV anti-freeze.
5. Start the demand pump to circulate anti-freeze throughout the system.

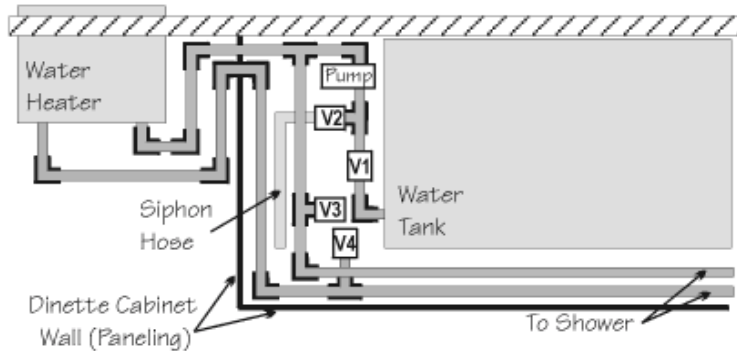


Fig. 4-5

V1 = Valve that isolates Water tank System  
 V2 = Valve to siphon line  
 V3 & V4 = Low point Drain Valves

## DRAIN TRAPS

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

## OPTIONAL THETFORD CASSETTE TOILET

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

1. Empty the fresh water tank using the drain tube. Position the drain tube outward through the door opening. Pull off the plug and drain the water from the tank. (Fig. 4-5)
2. Flush the toilet a few times by turning the flush knob to drain the pump assembly. (Fig. 4-6) **NOTICE:** The cassette has to be in. Empty the cassette afterwards.
3. Empty the water fill funnel by pulling the bottle away from tank. Remove the small water cap at the bottom of the fill funnel, allowing water to drain from the funnel. (Fig. 4-7) **NOTE:** Do not tighten the caps, this helps in keeping the unit dry.

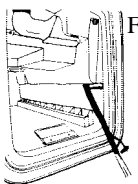


Fig. 4-6

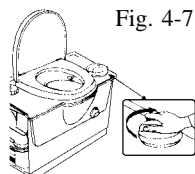


Fig. 4-7

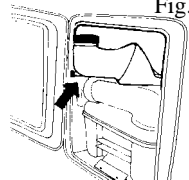


Fig. 4-8

## 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.



**CAUTION:** Power surges experienced while plugged in at a campground could potentially damage electronic components in your recreation vehicle. Damage from power surges are not covered by your Jayco warranty. Consult the component manufacturer's owner's manual or your Independent Jayco Dealer for recommendations on power surge protection.

30 amp  
 125-volt, 2 pole,  
 3-wire, grounding type



## Changes, Modifications and Additions

Any changes or additions made after delivery may cause a hazardous condition. Be sure to consult with 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 camping trailer is equipped with a power cord prewired into the converter. By opening the cable hatch door (Fig. 4-9) you can pull the power cord out from 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 camping trailer receptacles built into walls and cabinet. The cord extends at least 20' from the camping trailer depending on the floor plan.

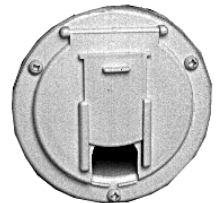


Fig. 4-9

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 the 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 camping trailer 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. The RESET button should pop out indicating it has been "tripped" 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 outlet. 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 it until an electrician has serviced this device.
8. To restore power after "tripping," press the RESET button. It must remain in. (If an indicator light is furnished, it will be off.)

## Air Conditioner (Option)

To meet State, National, and RVIA codes as well as support from the manufacturer of camper, you need to have a special kit installed to provide proper operation and energy for successful enjoyment of the air conditioner. To comply with all applicable codes, it must have the following:

1. 20-amp receptacle with 12 gauge wire.
2. 20-amp power cord to feed air conditioner.
3. Two twist caps.

The weight limit for air conditioners is 110 lbs. Exceeding this weight can damage the roof and lifter system which will not be covered by your Jayco Limited Warranty. DuoTherm and RVP brands usually are acceptable for folding camping trailer roof air conditioner installations. Other brands may be used if the weight is 110 lbs. or less and the interior shroud fits around the roof components.

BTU	DuoTherm BriskAir	DuoTherm Penguin	Coleman
7,100	74 lbs.	88 lbs.	75 lbs. use #6727
11,000	92 lbs.	104 lbs.	92 lbs. use #6757 A, D, or E Series
13,500	96 lbs.	109 lbs.	95 lbs. use #6757 A, D, or E Series



**WARNING:** Any electrical installation that does not meet the criteria may damage the electrical system and cause problems which will not be covered under your Jayco Limited Warranty.



**WARNING:** Follow the wiring listed below as it attaches to the air conditioner.

Outer Smooth Protective Covering	=	Positive Black
Outer Ribbed Protective Covering	=	Neutral White
Center Smooth Protective Covering	=	Ground Green

Failure to wire as specified will send reversed polarity in the air conditioner, causing a potentially dangerous situation with the possibility of fire.

Follow the air conditioner installation instructions as supplied with the air conditioner. Connect the 20-amp power cord to the air conditioner as listed in the above warning. Notch the interior air conditioner shroud so the cord can pass between it and the roof. The 120-volt cord is held up to the ceiling using the two-part wire cover provided. Measure the distance from the air conditioner shroud to the outer edge of the ceiling and cut both pieces of the wire cover to this length. The base side of the wire cover has an adhesive tape attached to it. Peel off the protective film covering the adhesive. Line up the wire cover between the air conditioner shroud and the outer edge of the ceiling. Press it firmly in place. Place the 120-volt cord in the wire cover base and snap the wire cover cap into the base.

## 12-Volt DC System

The 12-volt DC system is composed of numerous items such as a convertor, battery, fuses and lights. Explanation of 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, the 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 a 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.



#### WARNING:

- Turn off all interior lights before folding the camper for transit as the bulbs may cause a fire hazard in the stored position and burn holes in the tent.
- Do not block the 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 (Dealer Installed 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 the red (positive) and white (negative) wires on the trailer hitch, harness and frame using nothing less than 10 gauge wires.

The auxiliary battery may be installed to avoid discharging the tow vehicle battery when 120-volt power is not available.

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



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

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



**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.” The “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.

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.

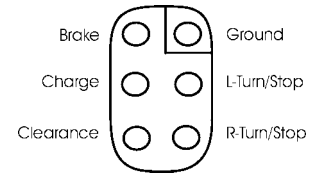
Battery terminals and connectors, including vehicle frame connections, should be cleaned thoroughly, securely fastened, and coated with a silicone dielectric compound or petroleum jelly.

## Trailer Hitch Plug

All exterior vehicle lights are 12-volt and are 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  
Optional 12 G BLUE ..... Electric Brakes



The connector between the 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.

For the electric brake option, a brake controller must be installed to power the blue wire when the brakes are applied. Included is a breakaway switch for emergency stopping. See your dealer for installation.


## Fuse and Bulb Chart

FUSES Operation	Location	Circuit Number	Fuse Size	Type
Interior Lights, Water Pump, Radio	in converter	1	15	Blade
Refrigerator	in converter	2	15	Blade
Furnace	in converter	3	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

 **WARNING: Do not replace circuit breakers or fuses with a higher current rating than those originally supplied with the camping trailer. 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 the instruction sheet provided with the 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 a liquid form, and is normally a 20# or 30# (9 or 14 kilograms) capacity. The open/close valve is to be closed at all times unless hooked up to an LP gas system or filling the container. When the container is disconnected from the hose, install the valve cover which is attached to the 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 it to and from filling the location.

 **WARNING: Because your vehicle has exterior combustion air inlets, all pilot lights, appliances and their igniters (see instructions) must be turned off before and during gasoline or propane refueling. Laws in some states require this.**


## 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.


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

 **CAUTION: Never smoke during the filling of LP gas tanks. Keep the RV away from the immediate filling area when possible or extinguish all gas pilot lights.**

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 overflow 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.

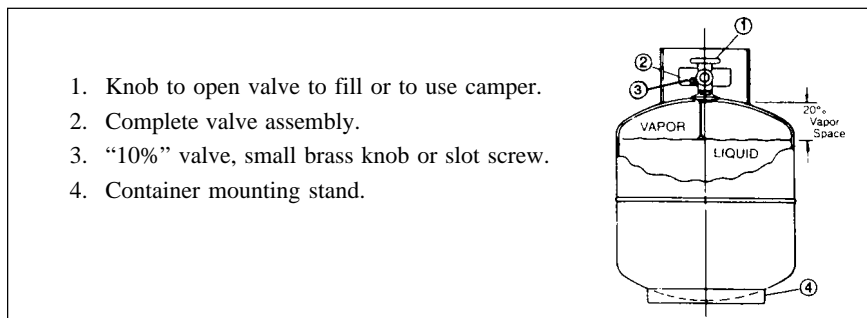
 **WARNING: An LP gas container must never be filled beyond 80% of its capacity.**

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 overflow 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 cylinders shall not be placed or stored inside the vehicle. LP gas cylinders are equipped with safety devices that relieve excessive pressure by discharging gas to the atmosphere.**

**! 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 recreation vehicle. Disregarding this warning may result in fires or explosions.**

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.



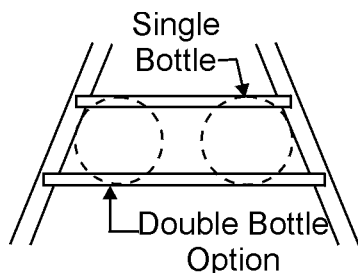
1. Knob to open valve to fill or to use camper.
2. Complete valve assembly.
3. "10%" valve, small brass knob or slot screw.
4. Container mounting stand.

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

**! WARNING**  
 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. FAILURE TO COMPLY COULD RESULT IN A FIRE OR PERSONAL INJURY. 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 the container onto the steel angle rack.
2. Insert 2-1/4" x 1/2" bolts through the hole in center of angle.
3. Attach lock washer and nut onto bolt.



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

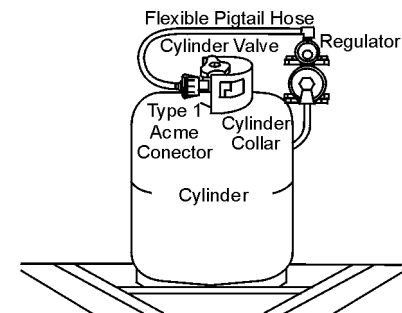
### OPD Overfill Protection

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

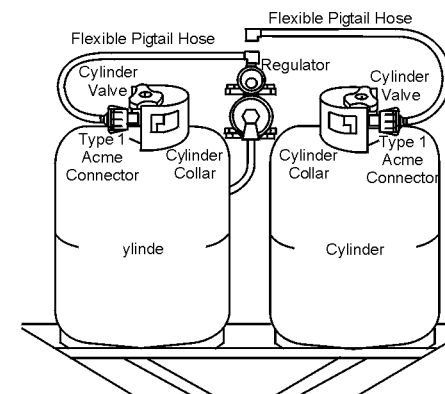
1. Connect the 3/8" low pressure hose to the outlet of the two stage regulator.
2. Attach the regulator with the "Z" bracket on the center of the front wall with the vent pointing down.
3. Attach the protective plastic cover to the regulator.
4. The regulator has a 90° elbow that directs the inlet toward the trailer curbside.
5. Place the cylinder on the bracket provided on the A-frame and position is so the outlet of the cylinder valve is pointed directly outward to the curbside wall.
6. If a vinyl cylinder cover is provided, slip it over the cylinder and leave the zipper open.
7. Attach the 1/4" inverted flare x 24" Type 1 pigtail hose to the regulator inlet and the right hand swivel nut to the cylinder valve.
8. If applicable, close the cylinder cover zipper up to the hose.
9. Secure the cylinder to the A-frame bracket using the bolts, nuts and washers provided.



#### DOUBLE CYLINDER MOUNTED ON A-FRAME

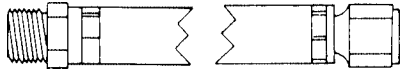
When a second cylinder is installed, a tee check is used to replace the 90° elbow at the top of the regulator and another 1/4" inverted flare x 24" Type 1 pigtail is added. The regulator stays in the original position.

1. Place the second cylinder on the A-frame bracket so the cylinder valve is pointed to the roadside of the folding camping trailer.
2. Secure the second cylinder to the A-frame using the bolts, nuts and washers provided.
3. If a vinyl cylinder cover is used, slip it over the new single cylinder, or a double cylinder cover may be used in lieu of single covers.
4. Attach the second 24" hose to the tee check on the regulator and the right handed swivel nut to the cylinder valve.



## Main Supply Hose

The main supply hose will be attached from the regulator to the brass manifold fitting in frame of coach. The swivel brass nut on the 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 a leak solution. Refer to "Checking for Leaks".
3. Open the main valve slowly to avoid a fast rush of gas to excess flow valve causing gas freeze up. If you experience a gas "freeze-up", close the main valve and wait fifteen minutes before trying again.
4. Listen carefully - a "hissing" sound longer than one second may indicate a gas leak. Close valve and search for the 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.

**! WARNING: LP gas regulators must always be installed with the diaphragm vent facing downward. Regulators that are not in a 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." If you experience a gas "freeze-up," close the 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 the valve and search for the leak.
4. Light the appliances as needed and directed in the appliance chapter and applicable supplemental manuals.

**! 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.**

This warning label has been located in the cooking area to remind you to provide an adequate amount of fresh air for combustion.

**! WARNING: IT IS NOT SAFE TO USE THE COOKING APPLIANCE FOR COMFORT HEATING.**

1. Cooking appliances need fresh air for safe operation. Before operation:
  - a.. Open overhead vent or turn on exhaust fan.
  - b.. Open window.
2. Unlike homes, the amount of oxygen supply is limited due to the size of the recreation vehicle, and proper ventilation when using the cooking appliance(s) will avoid danger of asphyxiation. It is especially important that cooking appliances not be used for comfort heating, as the danger of asphyxiation is reater when the appliance is used for long periods of time.

**FAILURE TO COMPLY COULD RESULT IN EXPLOSION RESULTING IN DEATH OR SERIOUS INJURY.**

## Checking for Leaks

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

**! DANGER  
IF YOU SMELL GAS**

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

**FAILURE TO COMPLY COULD RESULT IN EXPLOSION RESULTING IN DEATH OR SERIOUS INJURY.**

## LP Gas Consumption

Most gas appliances are only operated intermittently. Unless there is a heavy use of hot water, the 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 they are 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 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 – N323	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 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. If both bottles are turned on at the same time, 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 LP 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 the other bottle is in service. 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 replaced 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 GAS DETECTOR


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

### Operation

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

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

### Testing

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


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

### Alarm

The LED light will flash red and the alarm will sound when dangerous levels of LP 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 the unit – leave doors and windows open.
2. Turn off the propane tank valve.
3. Find the source of the LP gas leak. Repair it. Seek professional help if necessary.

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

### ALARM MUTE

To silence the alarm, press the TEST/MUTE button when the LP detector is in alarm mode.

1. The LED light will continue to flash red and the alarm will beep every 30 seconds until the LP gas level has dropped to a safe level.
2. The LED light will flash green until the end of the mute cycle if the gas levels return to a safe level.
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 LP detector's microprocessor will activate the malfunction alarm when it detects a fault in the detectors operation. The LED light 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 LP 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 LP 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

**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.

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.

## STOVE

Your folding camping trailer is equipped with a removable or portable stove containing two or 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.



Fig. 5-1



**WARNING: The maximum weight limit for the bracket on the side of your folding camping trailer is 50 lbs. This limit includes the weight placed on the carryout stove and the BBQ grill. Exceeding this weight could cause damage to the unit and possibly cause personal injury from hot equipment.**

## Handling Stove Assembly

1. To use the stove outside, unhook the fuel hose and carry the stove out. Always carry the cabinet assembly with both hands.
2. Mount the cabinet onto the rail at a 30° angle and slowly lower the outer side until it is in a horizontal position.
3. If applicable, attach the brace to the underside of the stove and unit.
4. LP gas connections are made with a "Quick-Coupler" system (Fig. 5-2) with a positive shut-off valve as required by code and standards.
5. Each stove assembly will have a hinged wind guard attached. Raise the hinged assembly to a vertical position. The end panels are also hinged and will swing to the outer edge of the stove for wind protection, preventing flames from reaching the tent material.

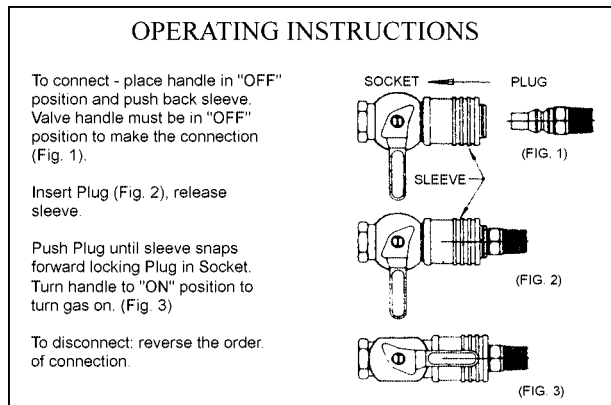


Fig. 5-2

### Operation of Stove

To light the top burners:

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

**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.

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

### FURNACE (Optional)

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 complete operating instructions.

### For Your Safety

Read before operating:

**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.

- 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 tow 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.



**!** **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 unit is in motion.

**!** **WARNING:** If the furnace overheats, or the gas supply fails 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 the 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 the 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 the electric switch or circuit breaker.
4. Close the control access panel.

## WATER HEATER (Optional)

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

The water heater operates on LP gas only and will need to be lit manually. Basic operating instructions are on the following pages and additional instructions will be found in the manual supplied by manufacturer.

## Operation

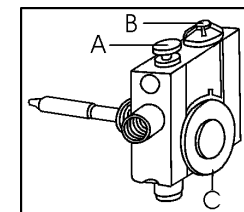
Pilot Models – G6A-7; GH6-7; G4-7; GC6A-7; and G6A-7P

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

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

### ROBERTSHAW “UNITROL”

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

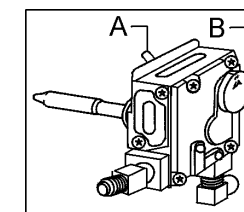


Robertshaw “Unitrol”

Fig. 5-3

### “WHITE RODGERS” CONTROL

1. Turn the lighting control dial (Fig. 5-4B) to the “PILOT” position and hold it against the stop while lighting the pilot burner.
2. Allow the pilot to burn approximately one half minute before releasing the dial.
3. Turn the control knob (Fig. 5-4B) to the “ON” position.
4. If the pilot does not remain lit, repeat the operation allowing a longer period before releasing the button or knob.



“White Rodgers” Control

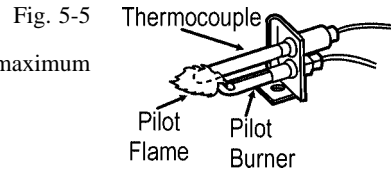
Fig. 5-4

- Set the temperature selection lever (Fig. 5-4A) at the mark between the warm and hot position.
- Close the access door.

**CAUTION:** The temperature knob or lever is factory adjusted to its lowest dial setting. We recommend use at 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 the point of use temperature by mixing cold and hot water are available. Consult with a licensed plumber or your local plumbing authority.

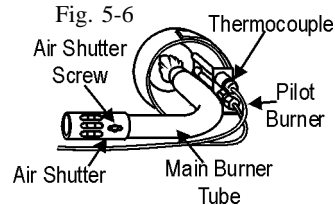
### Pilot Flame (Fig. 5-5)

The gas control pilot has been “preset” for maximum pilot flow by the manufacturer.



### To Adjust Main Burner (Fig. 5-6)

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



### Flushing Instructions

The Atwood water heater is recommended for recreation 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.

- Turn off the main water supply (pump or water hook-up source).
- 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.
- Flush the tank with air pressure or fresh water to remove the 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.

- Close the drain and relief valves.

## REFRIGERATOR (Option)

**CAUTION:** The following information is abbreviated instructions for the basic operation of your refrigerator. Make sure you have read and understand all information provided by the manufacturer.

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 the refrigerator. 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 trailer, 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 traveling.
- Engage the travel catch at the top front corner of the refrigerator door before traveling.

### Operation - N323

#### CONTROLS

The gas mode utilized an adjustable gas control. The control can be manually adjusted to meter the fixed amount of LP 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°F 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 LP gas 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 (Fig. 5-7)

**WARNING:** Do not hold the gas valve in more than thirty (30) seconds. If the flame is not indicated within this time, turn the gas to off, wait two (2) minutes and retry. Continuing to hold the 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 the window in the front side of the burner box to view the burner.
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 the viewing window on the burner box.

## START UP – AC OPERATION (Fig. 5-7)

- 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) (Fig. 5-7)

- 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 (Fig. 5-7)

- 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 the electrical controls.

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

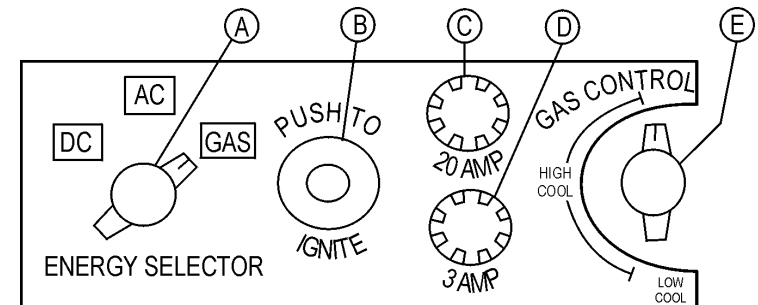


Fig. 5-7

## BBQ GRILL (Option)

**! WARNING: The maximum weight limit for the bracket on the side of your folding camping trailer is 50 lbs. This limit includes the weight placed on the carryout stove and the BBQ grill. Exceeding this weight could cause damage to the unit and possibly cause personal injury from hot equipment.**

An option for your folding camping trailer is a BBQ Grill. This grill is for use outside of the folding camping trailer and comes with a bracket to attach to the side of the unit. The following list will supply basic operations for the grill. Be sure to read all instructions included with the grill.

1. Install the grill bracket on the side of the folding camping trailer mounting bracket. Make sure that it is securely in place.



Fig. 5-8

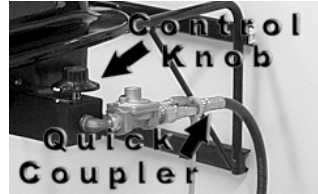


Fig. 5-9

2. Place the BBQ grill into the bracket. (Fig. 5-8)
3. Attach the fuel hose to the grill and the LP gas connection located under the folding camping trailer by using the "Quick-Coupler" instruction as follows (Fig. 5-9):
  - Place the handle in the "OFF" position and push back the sleeve. The valve

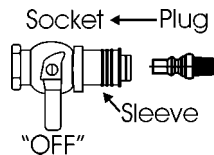


Fig. 5-10

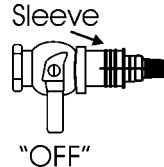


Fig. 5-11

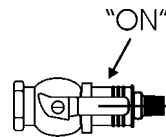


Fig. 5-12

handle must be in the "OFF" position to make the connection. (Fig. 5-10)

- Insert the plug and release the sleeve. (Fig. 5-10)
- Push the plug until the sleeve snaps forward, locking the plug into the socket. (Fig. 5-11)
- Turn the handle to "ON" position to turn the gas on. (Fig. 5-12)

4. Open the lid to the BBQ Grill.
5. With an electric match, light the grill using the following procedures:
  - Light the electric match.
  - Insert it into the middle slot on the bottom of the BBQ Grill.
  - On the grill control knob (Fig. 5-9), depress and turn the knob to the desired temperature.
  - The grill should light at this point.
6. If the grill does not light, turn the gas off, wait five minutes and repeat the above steps.
7. Use the temperature control knob to adjust the grill to the desired temperature.

The BBQ Grill grate is coated with standard grill enamel and can be cleaned as you would a grill at home. Underneath the grate, there is a heat defuser. This is formed and ventilated to distribute the heat from the burner. Do not use lava rocks in this grill.

To disconnect the BBQ grill, turn the temperature control to the "OFF" position. Reverse the above fuel hose hookup procedures. Wait until the grill is completely cooled, and then store it in the supplied carrying case. This carrying case will ONLY accommodate a cool grill. The grill carrying case has a pocket for accessories such as the fuel hose in the lid. The bracket will not fit inside the carrying case and will need to be stored in a separate location.

**! CAUTION: The BBQ grill must be COMPLETELY cooled before storing it to avoid damaging the carrying case.**

## CHAPTER 6 CARE OF BODY COMPONENTS

### EXTERIOR

#### Aluminum

The aluminum on the outside of your Jayco camping trailer 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. The textured aluminum siding will reduce excess scratching. The roof aluminum skin material should be washed and polished to maintain its finish.

**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.

#### Roof

**CAUTION:** All roofs require maintenance. At least two times each year inspect for cracks, voids, peeling or loose seal and reseal **as necessary** all seams including moldings, vents, doors and windows. (Fig. 6-1)

Weather elements, such as winter's freezing and summer's UV rays cause sealants to dry out, shrink, and deteriorate. Contact your dealer for the appropriate sealant to use. Two areas on your roof require maintenance to be performed to meet warranty coverage on the folding camping trailer roof.

1. Any corner or center flat trim has putty sealer tape between the metal and the trim. This sealant must be examined and maintained yearly to avoid dry out and cracking. In addition, the roof center flat trim is cap sealed on each end at the front and back. The cap seal should be inspected for cracks, voids, peeling or loose seal two times each year and resealed as necessary.

#### To replace the putty tape under the flat metal center trim:

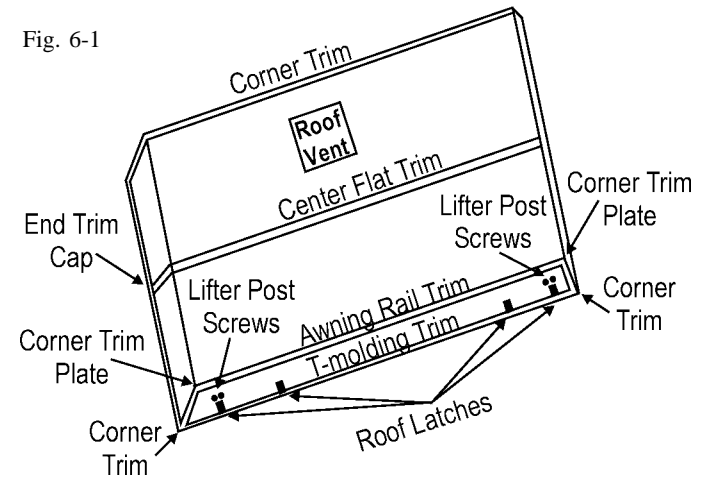
- Purchase a putty tape as recommended by your dealer.
- Remove the vinyl insert from the top of the center trim.
- Remove the screws from the trim and pull the trim from the top of the roof.
- Clean the excess putty tape from the bottom of the trim and roof.
- After removing the paper backing, apply the putty tape to the bottom of the trim.
- Place the trim over the seam on the roof and reinstall the screws.
- Apply a silicone sealant over the screw heads.
- Once the silicone dries, install the vinyl insert into the top of the trim.

#### To cap seal:

- Purchase a sealant as recommended by your dealer.
- Remove any excess, cracked, peeling or lifting sealant from around the trim.
- Clean the surface before resealing.
- Apply a bead of sealant along each side of the trim with a caulking gun.
- Using a soapy solution on your index finger, smooth out the sealant along each side of the trim.

2. The trim on the lower edge of the roof is sealed internally and also has an outer cap seal. If the cap seal becomes loose, separates, or cracks, it must be resealed as indicated on Step #2.
3. Do not add roof attachments (such as boat or bike racks, air conditioners, vents, etc.) in areas not designed to support such accessories. **You must maintain the seal around all after market installed accessories at the attachment points as well.** Check all fasteners and accessories on the unit periodically and tighten and seal as needed. Only factory installed equipment is covered under the terms of the Jayco Limited Warranty.

Fig. 6-1



**NOTE:** It is important to examine all seams and repair them to prevent water leakage. If you are uncertain about the process to follow, contact your Jayco dealer for assistance.

#### Frame

The frame on your new Jayco camping trailer has a water based 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. 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, Norco.

## Tire Covers - Vinyl (Option)

To minimize the possibility of the tire “bleeding” through onto the tire cover, we recommend use of a separator (garbage bag, paper, cloth, etc.) between the tire and the tire cover.

## INTERIOR

### 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, so 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 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 the 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 at your local hardware store to cover scratches.

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 the new floor as it may cause lifting and curling of the vinyl.

## ABS PLASTIC

The front and rear caps are made of ABS plastic, which is light, strong and rust proof. A few suggestions are given here to ensure long cap life.

- Wash the caps with detergent and water, followed by a water rinse. Always mix the detergent with the water before washing. If you squirt detergent directly on the cap, you may discolor the cap.
- Do not wax the caps. Excess wax will be trapped in the textured surface finish. The wax will trap dirt.
- Do not apply any product containing petroleum, as oil softens the plastic. Examples of products to avoid are bug and tar remover, mineral spirits or similar solvents, motor oil, charcoal lighter, or any industrial cleaner that contains petroleum distillates.
- Abrasive cleaners will dull the surface and may rub through the weatherproof outer covering. When the cover is damaged, the plastic may yellow and become brittle.



**CAUTION:** Avoid using “Citrus” or biodegradable cleaners which contain “D-Limonene.” They will damage plastic material.

## 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 the 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 it 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.

 **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.

### 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.

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

## NapSak™

Dry clean only.

## Tents

 **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.**

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 the fabrics as they may stain them and damage or destroy the 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. If the tent must be stored wet, open the unit and allow it to dry thoroughly as soon as possible.**
- For the 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. Using a mild soap and water solution, thoroughly clean the area. Rinse with clean water.

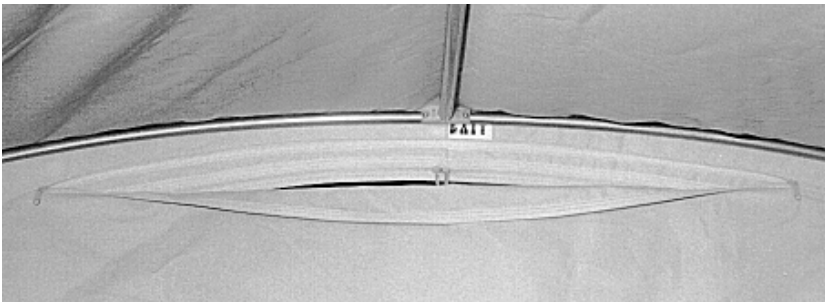


**CAUTION:** Use of bleach or products containing bleach could potentially damage the tent material causing it to rot away. If such products are used, make sure that the cleaning is followed by several thorough rinses with clean water.

## Condensation

Condensation can be prevalent in folding camping trailers if proper ventilation is not used. It can exist whether or not a heater is used. During periods of rain, avoid contact with the tent. The natural body oils in skin will neutralize the tent waterproofing and cause the rain to soak through. 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 the 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 is 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. If you ever need to roll up the canopy when it is wet, unroll it within 24 hours and allow it 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 it 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 it is 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 the 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 trees with clear water and keep the vinyl clean when putting away.
2. Do not roll stakes or hardware with the screen room.
3. Never roll the 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, the fiberglass screening should be loosely folded, not crushed when opening and putting away the screen room. Do not allow poles and stakes to punch holes in the screen.


## CHAPTER 7

# MAINTENANCE/STORAGE

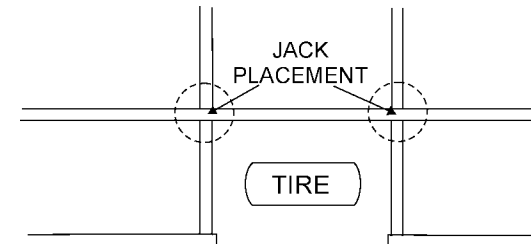
To protect your investment, as well as ensuring your continued enjoyment and personal safety, we urge you to follow this maintenance schedule. You will find other recommended maintenance instructions and schedules in the individual component operating instructions. While many owners perform their own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


## 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.

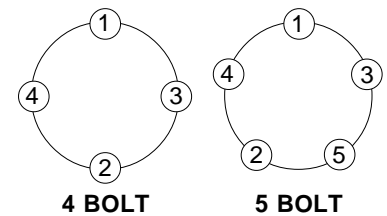
 **CAUTION:** Failure to block the tire and unhook the folding camping trailer from the tow vehicle could result in twisting the frame of the trailer.

2. Loosen the lug nuts. You may wish to loosen the lug nuts before raising the 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 in the drawing below the on main rail. A small 4" to 6" square, 1/2" plywood spacer can be placed between the jack and frame for support.



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

4. Remove the lug nuts.
5. Change the tire.
6. Reinstall the lug nuts snugly.
7. Lower the camper to ground.
8. Tighten the lug nuts to 85-95# torque for 12" tires and 50-75# for 13". Use a cross tightening sequence as shown.

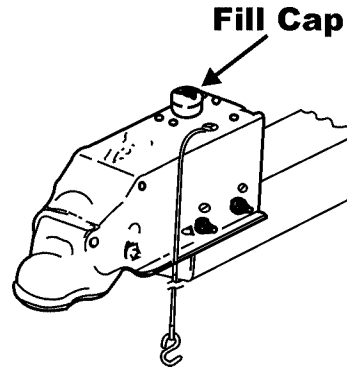


**NOTE:** Jacks and lug wrenches are not supplied with camper. Bolt head size is 13/16"

**! 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 the lug nuts, especially during the initial break-in period. The lug nuts can work loose. Check and tighten the lug nuts every 10, 25 and 50 miles when the unit is new or a tire is changed, then every 3,000 miles.

## BRAKE MAINTENANCE & LUBRICATION

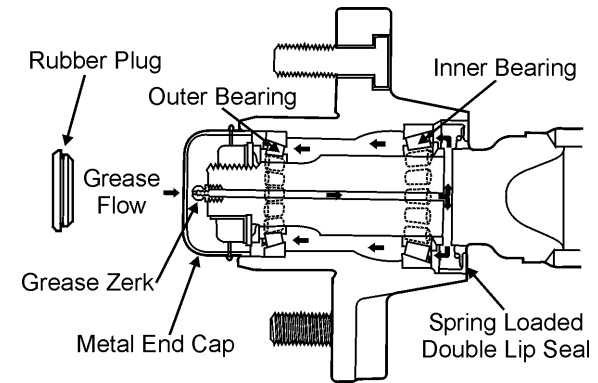
- Lubricate the hitch ball with standard automotive grease.
- Remove the master cylinder cap and ensure that it is full of automotive brake fluid.
- Check and adjust the brakes at least once per year. Consult your individual brake owner's manual for additional information or consult your dealer regarding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



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

## E-Z LUBE AXLE

If your axle is equipped with the E-Z Lube feature, the bearings can be periodically lubricated without removing the hubs from the axle. This feature consists of axle spindles that have been specially drilled and fitted with grease zerk in their ends. When grease is pumped into the zerk, it is channeled to the inner bearing and then flows back to the outer bearing and eventually back out the grease cap hole.



### LUBRICATION PROCEDURES:

1. Remove the rubber plug from the end of the grease cap.
2. Place a standard grease gun onto the grease zerk located in the end of the spindle. Make sure the grease gun nozzle is fully engaged on the fitting.
3. Pump grease into the zerk. The old, displaced grease will begin to flow back out the cap around the grease gun nozzle.
4. When the new, clean grease is observed, remove the grease gun, wipe off any excess, and replace the rubber plug in the cap.
5. Rotate the hub or drum while adding grease.

**NOTE:** The E-Z Lube feature is designed to allow immersion. Axles not equipped with E-Z Lube are not designed for immersion and bearings should be repacked after each immersion. If hubs are removed from an axle with the E-Z Lube feature, it is imperative that the seals be replaced BEFORE bearing lubrication. Otherwise, the chance of grease getting on brake linings is greatly increased.


**NOTE:** The convenient lubrication provisions of the E-Z Lube and the oil lubrication **must not** replace periodic inspection of the bearings.


## 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 tank 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.


## 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.

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

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

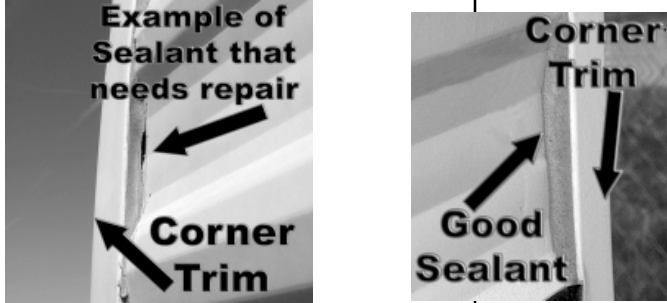
## MAINTENANCE CHART

COMPONENT	MAINTENANCE	AVOID
<b>Wheel Bearings</b>	<p>The wheel bearings in your new Jayco camping trialer 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 the winter months ahead.</p> <p>Use only a multipurpose No. 1 or 2 good quality wheel bearing grease.</p> <p>If the bearings or cone (race) become pitted, replace any damaged part.</p> <p>NOTE: If you are concerned about heat in the wheel bearings, check them occasionally while traveling by placing your hand on the 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>NOTE: During the break-in period (first 500 miles) your hubs may feel extra warm due to brake shoes setting in with the brake drum.</p>	<p>(a.) Exposure to water or condensation will cause bearings to rust.</p> <p>(b.) Never let the bearings run dry.</p> <p>(c.) Never overpack the wheel bearings, especially in the middle of the hub. It will trap heat if they are overpacked.</p>
<b>Lug Nuts</b>	<p>The lug nuts must be checked at 10, 25, and 50 miles when the unit is new or after tire removal, then every 3,000 miles. 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 the lug nuts to the specified torque using a cross tighten sequence.</p> <p>See "Changing the Tire &amp; Wheel" section of Chapter 7.</p>	<p> <b>WARNING:</b> <b>DO NOT ignore checking the wheel lug nuts. Failure to do so can cause wheel loss and an accident.</b></p>

COMPONENT	MAINTENANCE	AVOID
<b>Coupler</b>	<p>Use a small quantity of WD-40 on the moving mechanism and all points of movement in actuator to insure ease of operation.</p> <p>We recommend that you use conventional grease on the hitch ball for ease of operation.</p>	
<b>Tongue Jack</b>	Lubricate the jack by extending it to the full down position and insert SAE 30 oil through the oil hole in the top of the jack. Do this several times per season.	
<b>Tires</b>	It is very important to check the tires often as noted in Chapter 3.	DO NOT ignore checking the tire P.S.I. pressure often. Always check the tire pressure during travel & before each trip.
<b>Brakes</b>	<p>It is important to have the brakes adjusted by selling the dealer at 200 miles after the initial break-in period. This operation may not be included by the selling dealer as part of selling price.</p> <p>After the initial break-in, it is recommended to adjust the brakes following each 3,000 miles or at beginning of each season's camping trips.</p>	It is very important to keep brakes adjusted as poorly adjusted brakes will not function correctly and cause accelerated wear.
<b>Master Cylinder</b>	Check the cap for tightness before each trip. Make sure the cylinder is at full mark. Use Dot 3 automotive brake fluid.	
<b>Lifter Posts</b>	The telescoping posts should be lubricated semi-annually with a light coat of silicone spray to insure smooth, trouble-free operation. Do not permit the spray to reach the tent.	DO NOT use grease or oil on the posts as this lubricant will attract dirt and cause the tent to become dirty.

COMPONENT	MAINTENANCE	AVOID
<b>Winch</b>	The winch should be lubricated once per year, preferably at the season's beginning. Use a small quantity of light oil on the two upper shaft bearings and also at each end of the main drum which the cable rolls on.	
<b>Cables</b>	The pulleys and cables need no lubricant at any time.	
<b>LP Gas System</b>	<p>At the beginning of each season:</p> <ol style="list-style-type: none"> <li>1. Inspect all gas lines for crimps and road damage.</li> <li>2. Check all lines and connections for leakage with soapy water or leak detector.</li> <li>3. We recommend that you have the regulator checked and adjusted to the proper pressure once a year.</li> <li>4. A gas leak check should be performed at least once a year by a qualified technician.</li> </ol>	<p>DO NOT smoke while changing LP bottles or any lines.</p> <p>DO NOT allow any connection to be loose.</p> <p>DO NOT use ammonia based cleaners.</p>
<b>Frame</b>	<p>Inspect, clean and repaint steel members.</p> <p>Apply a commercial rust treatment. Refer to Chapter 6 for care of the frame.</p>	
<b>Bed Slides</b>	Be sure to lubricate the bed slides twice per year with silicone spray as you do the lifter posts.	
<b>Bed Braces</b>	Inspect and replace if bent or damaged.	Using damaged bed braces.

COMPONENT	MAINTENANCE	AVOID
<b>Appliances</b>	<p>To care for brushed chrome, we recommend that you clean with a mild soap and water, wipe it dry with a 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 manuals for directions or see your dealer.</p> <p>On any appliance with porcelain covering, use caution to avoid chipping. Be careful not to drop items on porcelain surfaces.</p>	<p>DO NOT use steel wool, ammonia, acids, or abrasives on chrome surfaces.</p>
<b>Roof</b>	<p>All roofs require maintenance. At least two times each year, inspect all seams: front, rear and along all moldings for voids, lifting, peeling 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 them if they become damaged.</p>	

COMPONENT	MAINTENANCE	AVOID
<b>Exterior Sealants</b>	<p>All sealants 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 all sealants 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>	<p>Using poor quality sealing material.</p> <p>Failure to reseal sealant and putty tape.</p>
		
<b>Exterior Lights</b>	<p>Inspect all exterior lights to make sure they do not have moisture trapped inside. The “weep” holes at the bottom of the lights must be kept open to allow moisture to escape from the light fixture.</p>	

## MAINTENANCE CHECKLIST

### Prior to First Trip

- Install the SofStor® organizer (SofStor® organizer option only).
- Install the privacy drapes. (privacy drape option only.)
- Condition the tent. Refer to Chapter 3.
- Check the LP gas lines for leaks. Refer to Chapter 4
- Test the LP gas detector. Refer to Chapter 4.
- Sanitize the fresh water system. Refer to Chapter 4.
- Tighten the lug nuts to specified torque values.
- Open all windows and the door, then 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.)

### First Two-Hundred Miles

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

### Each Trip

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

### After Every Tire Change

- Tighten the lug nuts to specified torque values at twenty-five miles to assure they are correctly “seated” after the tire change.

### Daily

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

### Weekly

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

### Monthly

- Clean and lubricate the coupler.
- Check the fire extinguisher pressure. Do not test the extinguisher.
- Test the ground fault circuit interrupter (GFCI)

### Every Three Months or 3,000 Miles

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

## Every Six Months or 6,000 Miles

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

## Every Year or 12,000 Miles

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

## 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 all batteries from the RV and store them in a place where they will not 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 found 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 the 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 (if applicable).
- 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 loads from the top of your RV to prevent causing damage to the unit’s structure.

# CHAPTER 8 WARRANTIES

## EXTENDED TRANSFERABLE LIMITED WARRANTY

### EXTENDED TRANSFERABLE LIMITED WARRANTY FOLDING 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 materials and workmanship during the 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 only 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 folding camping trailer.

#### (1A) Exclusions:

Normal adjustments to the lift system (such as periodic roof height adjustment, compression or 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 lbs. Exceeding this limit voids the warranty provision on the lift system. Do not lift roof with a hand 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 folding camping trailer.

#### (2A) Exclusions:

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

#### Floor/Bed Platforms

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

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 folding camping trailer.

#### (4) 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 five (5) years from the date of retail purchase against functional defects in material or workmanship on the folding camping trailers. During the first two years, parts, labor and freight are covered. During year three, four and five, 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 three, four and five).

#### (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, tears and damage caused by insects and/or rodents are not covered under any warranty.

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Litho U.S.A.

#### 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 of discovery of the defect to an authorized Jayco dealer or Jayco. Notice should contain the name and mailing address, product name, purchase, model year and serial number of the unit, name and address of the selling dealer and a description of the defect. The purchaser's costs incurred by Purchaser in transporting the Jayco folding camping trailer for warranty service shall be the responsibility of the purchaser. 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 will not be entitled to any consequential or incidental damages, including without limitation, loss of use of the unit, inconvenience, lodging, damage to personal property, loss of tools, money, 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 or 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: 1-877-825-4782

Litho U.S.A.

Revised 06/02



# TOWABLE TRANSFERABLE LIMITED WARRANTY

**TOWABLE TRANSFERABLE LIMITED WARRANTY**  
Folding Camping Trailer, Conventional Travel Trailer, Fifth-Wheel Travel Trailer  
Two year limited warranty  
Three year structural



## SUMMARY OF WARRANTY:

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

This warranty may be transferred only once during the warranty period, with a proper application and a \$100 processing fee. Contact your dealer or Jayco for details.

## STRUCTURAL WARRANTY:

Jayco warrants the structural integrity of the interior and exterior sidewalls, floor, roof, and frame against substantial material and manufacturing defects.

## EXCLUSIONS:

- (1) This warranty does not apply to any vehicle manufactured more than two (2) years prior to the first retail sale, if Jayco has issued an eligibility certificate for this specific vehicle VIN #. This may vary by state as determined by a Jayco representative.
- (2) Items added or changed after the vehicle left the possession of Jayco.
- (3) Any vehicle used for commercial purposes.
- (4) Normal wear and usage, such as fading or discoloration of soiled fabrics (upholstery, drapes, etc.), vinyl, screens, cushions, mattresses), fading or discoloration of exterior plastic or fiberglass components, tears, puncture, soiling, mildew, effects of moisture condensation inside the vehicle, or mishandling, misuse, neglect, lightning or other acts of nature, or corrosive atmospheres which can result in rusting, oxidation or pitting.
- (5) Minor imperfections, which do not affect the suitability of the vehicle for its intended use.
- (6) Normal and routine maintenance such as oil changes, tire rotations, wheel balancing, adjusting and tightening of screws, tightening of lug nuts, sealing, cleaning, or damages arising from the neglect of the maintenance performed as outlined in the owners manual and/or the component manuals.
- (7) Wheel alignment and axle adjustments to axles which require proper maintenance, loading or damage from road hazards, including off road travel, wheel balancing, or damage resulting from tire failures.
- (8) Costs incurred for on site service transportation of the vehicle to a dealer or costs incurred as the result of the consumer's request to have repairs performed in a location other than an authorized dealership.
- (9) Tires, Microwave ovens, and DVD players that are supported by other established dealer network and warranty locations. The written warranty that is provided by component manufacturers is a direct responsibility of that manufacturer.

## JAYCO'S RESPONSIBILITY:

Any part of a vehicle subject to warranty, which is found to be defective in material or workmanship, will be repaired or replaced at Jayco's option without charge to the customer for parts or labor. While any Jayco dealer can perform the warranty service, we recommend the purchaser contact the selling dealer. If the customer has moved or is touring the United States or Canada, please contact the nearest Jayco dealer for the location of a dealer or for purchasing parts.

## HOW TO OBTAIN WARRANTY SERVICE:

In the event that a substantial defect in materials or workmanship is found to exist in parts warranted 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 (If you are traveling or have recently moved, locate the nearest Jayco authorized dealer by calling 1-877-825-4782.) no later than 10 days after the expiration of the warranty.
- (B) Schedules an appointment and promptly takes the vehicle to the Jayco service center for necessary repairs.
- (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 does not control the scheduling of service work at dealerships. You may encounter some delay in scheduling or completion of work.**

If the above steps have been taken and the repairs still have not been made, the customer should contact Jayco, at P.O. Box 460, Middlebury, Indiana 46540, Attn: Owner Relations Department or call 1-877-825-4782.

## PURCHASER'S OBLIGATIONS:

Purchaser shall notify Jayco and deliver this vehicle for warranty service within a reasonable time after discovery of the defect and in no event later than ten (10) 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.

## CARE AND MAINTENANCE

It is the Purchaser's responsibility to perform the care, maintenance and assure correct load distribution as outlined in the Jayco owner's manual. Other, separate manuals outline additional component care and maintenance. Please review all manuals supplied with your unit, and contact your dealer or the supplier if you have questions. Any damage to the vehicle as a result of the Purchaser's failure to perform such care, is not covered by the Jayco warranty.

## INSTALLATIONS NOT COVERED

Jayco cannot and does not accept any responsibility in connection with any of its towable products, for additional equipment or accessories installed at any dealership or other place of business, or by any other party other than Jayco, Inc. Installation of equipment or accessories installed by any other party other than Jayco, Inc. will not be covered under the terms of Jayco's limited warranty.

## PARTS AND DESIGN CHANGES:

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

## DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

*You and any other user of Jayco products shall not be entitled to any compensation for incidental damages, including without limitation, loss of use of the unit, inconvenience, lodging, damage to other property, alternate transportation, 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, extend, or alter any liability in connection with the vehicle. Any implied warranty of merchantability or fitness for a particular purpose for this vehicle is limited in duration to the duration of this written warranty. The performance of repairs under this warranty 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 may last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.*

## WARRANTY REGISTRATION:


Your warranty registration record should be completed and delivered to the manufacturers of component parts. Your Jayco Dealer will assist you in completing the proper warranty registration form, which must be returned to Jayco within ten (10) days of your taking delivery of your Jayco product. Your Jayco warranty will not be registered unless the warranty registration is completed and mailed to Jayco. Failure to file this warranty registration can cause you delays in obtaining the benefits of your Jayco Limited Warranty.

All inquiries regarding your Warranty should be sent to:

**JAYCO, INC.**  
903 South Main \* P.O. Box 460 \* Middlebury, IN 46540  
Telephone: 1-877-825-4782

# 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.



## LIMITED WARRANTY TRANSFER APPLICATION

Mail original copy of Jayco, Inc. Limited Warranty Transfer Application, along with a transfer fee of \$100.00 payable to:  
 Jayco, Inc.  
 Warranty Dept.  
 P.O. Box 490  
 Middlebury, IN 48540

**REQUIRED FIELD** Vehicle Identification Number \_\_\_\_\_

Transfer Coverage To:

**A NEW OWNER INFORMATION**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Owner Address 1 \_\_\_\_\_

Owner Address 2 \_\_\_\_\_

Owner Address 3 \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ Phone Number \_\_\_\_\_

Date of Transfer \_\_\_\_\_ Selling at \_\_\_\_\_ **MUST BE COMPLETED ON ALL MOTORIZED VEHICLES**

Transfer Coverage From:

**B PREVIOUS OWNER INFORMATION**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

**C DEALERSHIP INFORMATION (APPLICABLE TO ALL)**

Dealership \_\_\_\_\_

Address \_\_\_\_\_

Address 2 \_\_\_\_\_

Dealer Address 3 \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ Phone Number \_\_\_\_\_

**PLEASE READ TERMS AND REPRESENTATIONS PRIOR TO SIGNING.**

**D ALL TITLED OWNER SIGNATURES**

I HAVE READ AND AGREE TO THE TERMS AND CONDITIONS ON THE BACK OF THIS FORM, AND UNDERSTAND THAT I WILL BE REQUIRED TO ARBITRATE ALL MY CLAIMS CONCERNING MY VEHICLE.

New Owner's Signature \_\_\_\_\_ New Owner's Signature \_\_\_\_\_

New Owner's Signature \_\_\_\_\_ Selling Dealer's Signature \_\_\_\_\_

**THE BASIC 2 + 3 JAYCO, INC. LIMITED WARRANTIES MAY BE TRANSFERRED ONE (1) TIME DURING THE WARRANTY PERIOD WITH THIS APPLICATION AND A \$100.00 PROCESSING FEE. THE FOLDING CAMPERS EXTENDED TRANSFERRABLE LIMITED WARRANTY MAY BE TRANSFERRED ONE TIME ONLY, AND MUST BE DONE WITHIN THE FIRST TWO YEARS OF OWNERSHIP.**

Revised 5/2001 MJF

## 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, do not admit 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 that it is enforceable under federal law. I agree that if I have a claim relating to my RV, I will allow the dealer to notify Jayco to inspect it and make necessary repairs. If my claim is not resolved, I will notify Jayco and binding arbitration proceedings will be held after payment of an initiation fee of \$125 to the American Arbitration Association and I will not pursue a 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 sent 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 for personal injury, 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 the 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 574-825-0608, OR THE AMERICAN ARBITRATION ASSOCIATION AT 800-778-7879.**

Revised 9/2001 MJF

**NOTES**

**NOTES**

## NOTES

# WELCOME TO THE JAYCO FAMILY!

As the owner of a new Jayco recreation vehicle we are proud to welcome you to our growing family.

All Jayco RV homes are built with care, under the watchful eye of our Quality Assurance program. And it is our sincere wish that you will have a lifetime of fun times with your new Jayco.

We are pleased you chose Jayco and want to do everything possible to make sure you stay as happy with your Jayco RV home as you were on the day you bought it.

We work closely with Jayco dealers to provide customer service for you. We honestly feel that Jayco dealers are on the whole the best in the business. And with nearly 300 of them in the U.S. and Canada you should never be too far from help if you ever need it.



In the months and years to come we hope you'll become a close member of the Jayco family. One way to enjoy your Jayco even more is through our owners club – the Jafari International Travel Club. It's lots of fun and a great way to meet other members of the Jayco family. If you're interested please talk to your dealer about the "flight" in your area. Or write to us directly and we'll be in touch.

**From Jayco's family to yours: "Welcome Home!"**



903 South Main Street • P.O. Box 460 • Middlebury, IN 46540