LIMITED 1-YEAR WARRANTY
CAMPING TRAILERS

(LIMITED 30-DAY WARRANTY FOR COMMERCIAL USERS)

Starcraft R.V. ("Starcraft") warrants each new camping trailer (the "Product") it manufactures to be free from defects in material and workmanship, under normal non-commercial use and service, for twelve (12) months from the date of first retail purchase (with the exception of the extended warranty on the internal lifter system on 1983 and newer AllStar, AeroStar, and StarLite models, discussed below), subject to the terms and conditions stated below.

1. WARRANTOR. This warranty is granted by Starcraft, a division of Banner Punta Corporation, W. Michigan St., Topeka, Indiana 46571.

2. PARTIES TO WHOM WARRANTY IS EXTENDED. This warranty shall be extended to any buyer (other than for purposes of resale or use in the ordinary course of the buyer's business) and any noncommercial transferee to whom such Product is transferred during the warranty period, provided the Product is normally used for personal, family or household purposes. For Starcraft Products used commercially, this warranty is valid for thirty (30) days after the date of original purchase from an authorized Starcraft dealer. This 30-day warranty also applies to, but is not limited to, units placed in rental or demonstrator service by dealers or other parties.

3. PARTS COVERED. Frame, body, roof and cabinetry manufactured by Starcraft, and the installation work performed by Starcraft on components not manufactured by Starcraft, are covered by this warranty.

4. EXTENDED WARRANTY ON INTERNAL LIFTER SYSTEM ON 1993 AND NEWER ALLSTAR, AEROSTAR, AND STARLITE MODELS. The duration of this limited warranty for the internal lifter system used to raise and lower the roof on 1983 and newer AllStar, AeroStar, and StarLite models is three (3) years, during which time Starcraft will provide both the parts and labor required to correct any defects in material or workmanship, and then for an additional two (2) years, during which Starcraft will provide the parts but not the labor to correct any defects in material or workmanship. This warranty does not apply, however, to normal maintenance of the internal lifter, including such things as periodic adjustment of the internal lifter cables.

5. PARTS NOT COVERED. The following parts are not covered by this warranty except as noted:

(a) Tires, wheels, and batteries (when supplied), which are directly warranted by their respective manufacturers. Starcraft warrants proper installation only.

(b) Furnaces, stoves and refrigerators, which are directly warranted by their respective manufacturers. Starcraft warrants proper installation only.

(c) External paint and surface finishes on the body of the camper are not warranted beyond the retail delivery date. Any imperfections should be noted by the buyer and corrected by the selling dealer prior to delivery. Paint finish on the frame is not warranted.

(d) Canvas is not warranted against fading, discoloration or tearing. Unless caused by buyer's abuse or neglect, rips or tears, zipper problems, vinyl cracking and screen tears will be repaired or replaced, at Starcraft's sole discretion, under this warranty if returned by an authorized Starcraft dealer to the Starcraft production plant.

(e) Reefs are warranted for functional defects only, such as leaks. Any nonfunctional or cosmetic problems that are not noted prior to retail delivery are not covered by this warranty.

(f) Cushion covers, upholstery, privacy curtains and drapes are warranted against shrinkage, seam tears and fading only if due to a defect in material or workmanship, and not against normal wear and tear or abuse.

(g) Floor covering is warranted for gouges, cuts or tears only if noted prior to retail delivery.

(h) Countertops, table tops and cabinetry, are warranted only for structural or functional problems.

6. REMEDY. If, within the applicable warranty period, any part or installation work included in this warranty proves to be defective in material or workmanship, Starcraft shall repair or replace the defective part. Parts and labor shall be at Starcraft's expense, but not transportation costs.

7. PROCEDURE FOR OBTAINING PERFORMANCE UNDER THIS WARRANTY. In order to obtain performance of the obligations under this warranty, the owner must promptly (within ninety days) give notice of the defect to Starcraft or any authorized Starcraft service center in the United States or Canada, and at Starcraft's or the service center's direction, return the defective part or Product to an authorized service center. If repair or replacement by an authorized service center is determined by Starcraft to be impractical, the owner shall return the defective part or Product to Starcraft's factory at the address stated above. All transportation costs to and from the authorized service center or Starcraft's factory will be at the expense of the owner.

8. DESIGN CHANGES. Starcraft reserves the right to make changes in the design or material of its Products without incurring any obligation to incorporate such changes in any Product previously manufactured or advertised.

9. ENTIRE WARRANTY. This warranty may be altered only in writing signed by an officer of Starcraft. It may not be altered or extended orally or in writing by any other person.

10. EXCLUSIONS AND IMPLIED WARRANTIES. This warranty does not extend to any defect due to the negligence of others, failure to operate or maintain the Product in accordance with the operating and maintenance instructions furnished with each new Product, unreasonable use, accidents, alterations or ordinary wear and tear. IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY, ARISING UNDER STATE LAW, ARE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY. STARCAST SHALL NOT BE RESPONSIBLE FOR LOSS OR USE OF ANY PRODUCT, LOSS OF TIME, INCONVENIENCE, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES WITH RESPECT TO BUSINESS OR PROPERTY, WHETHER AS A RESULT OF BREACH OF WARRANTY, NEGLIGENCE, OR OTHERWISE.

NOTE: SOME STATES DO NOT ALLOW (a) LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR (b) THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

REGISTER THIS WARRANTY NOW!

Although this limited warranty is effective even if you don't register it with Starcraft and get your Owner Protection Service card, we strongly recommend that you register. (Your dealer should submit the registration card for you and give you a copy as your receipt until you receive your OPS card.)

Your OPS card will speed your getting warranty service from any authorized Starcraft dealer, wherever you are, and your registration will let us contact you quickly if there is any safety notice which is required to be sent to you.

7-19-93
SPECIAL SAFETY PROCEDURES

In order to make your camping experience a safe one, it is important that everyone who is going to use your trailer be familiar with the operating instructions contained in this manual. The following are some safety points which are discussed more fully later in this manual, but we want to emphasize them here as well:

1. **Learn to drive with your unit.** Driving with a camping trailer is not the same as driving your car. You must take time and get the instruction (if necessary) to learn the different driving characteristics and maneuvering procedures (see "DRIVING" section in this manual).

2. **Liquid propane (LP) gas system.** An LP gas leak could cause an explosion. If you smell gas:
   (a) Extinguish any open flames, pilot lights and all smoking materials,
   (b) do not touch electrical switches,
   (c) shut off the gas supply at the tank valve(s) or gas supply connection,
   (d) open the door and other ventilating openings,
   (e) leave the area until the LP gas odor clears, and
   (f) have the gas system checked and leakage source corrected before using again.

3. **DO NOT use LP gas while traveling.** The main LP gas service valve must be shut off while traveling because of the danger of a fire or explosion if an LP gas line under pressure were ruptured in an accident. In addition to being unsafe, it is ILLEGAL in some states to operate a gas appliance while the vehicle is in motion.

4. **Refilling the LP bottle.** Never smoke or light an open flame either inside your unit or near it while the LP bottle is being refilled. Use an approved leak detector kit or soapy water solution when checking for leaks; never use an open flame. Insist that the LP bottle never be filled beyond the 80% liquid level — overfilling can cause leakage. To avoid an explosion when you reinstall your bottle, make sure that all valves are off and pilot lights out BEFORE YOU OPEN THE SERVICE VALVE ON THE REFILLED BOTTLE.

5. **Cooking.** Portable fuel burning equipment, including wood and charcoal grills and stoves, must not be used inside the camper.

When using the range, open the roof vent and/or the side window to allow cooking fumes to escape from the unit. Cooking without proper ventilation or using the range to heat the unit could result in a dangerous buildup of carbon monoxide, and could result in death or injury from asphyxiation.

6. **Water.** When a disinfectant or antifreeze solution has been put into the unit's water system, do not use the system until it has been thoroughly flushed with water. Keep children away from the unit until the water is safe to drink. Use only the following types of antifreeze: (A) 60% glycerol, by weight in water, undiluted, or, (B) 22% magnesium chloride, by weight, in water, undiluted. Automotive, radiator or windshield-washer antifreeze could be fatal if swallowed.

7. **Hook-up to campground electrical system.** The power cord provided with your unit is normally adequate, but if you need an extension, be sure to use a 3-wire extension cord rated for at least 15 amps (30 amps if you have an air conditioner). If you use a 3-wire extension cord or a cheater plug with the third pin removed, your unit would not be properly grounded and someone could receive a serious, even fatal, shock. Your system might burn out a power cord rated at less than 15 amps.

If you want to run any 110-volt lights or appliances outside your camper, you must have a 110-volt outlet with a ground fault interrupter installed. Otherwise, you could receive a shock that could seriously burn or kill you.

8. **Towing your vehicle.** Never travel with a hitch mounting below or more than 3 inches above a level trailer, or a hitch weight that overloads the tow vehicle axle. Carefully calculate and follow the weight capacity instructions contained in this manual.

9. **Use of the unit while in motion.** It is dangerous and, in many states, illegal to ride in the trailer while you are traveling.
Dear Starcraft R.V. Customer:

Welcome to the Starcraft R.V. family. Our employees have exerted every effort to insure that your Starcraft brand camper will give you years of trouble-free enjoyment.

However, as with any mechanical item, proper maintenance and responsible usage are necessary in order to avoid needless problems. In order for you to obtain maximum enjoyment and usage from your unit, you must read the contents of this Owners Manual and follow the recommendations as outlined in the maintenance section. We also recommend you validate accompanying service warranties by completing them and mailing the registration cards to respective manufacturers.

Your Starcraft R.V. dealer has the trained personnel and specialized equipment to properly service your unit.

We would like to take this opportunity to thank you for choosing a Starcraft R.V. product and assure you of our continuing interest in your satisfaction and enjoyment - as we have shown for almost 80 years.

Cordially,

STARCAST

Don Cuzzocrea
President
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INTRODUCTION

This manual contains operating and maintenance information that will familiarize you
with your unit, along with some helpful suggestions to get you started. Most information
applies to the full range of camping trailers Starcraft R.V. manufactures; specific charac-
teristics of certain units are clearly titled. Photographs of unfamiliar items will help you
quickly become acquainted with them.

STARCAST LIMITE& ONE-YEAR WARRANTY & DEALER'S
RESPONSIBILITY
Your unit is covered by Starcraft's Limited One-Year Warranty. Make sure that you
thoroughly read the limited warranty as well as this Owner's Manual.

Your Starcraft R.V. dealer is responsible for servicing your warranty claims under Star-
craft's Limited One-Year Warranty, but he does not himself warrant the unit. The dealer is
also responsible for pre-delivery inspection on all new units sold to his customers, and
for the Pre-Delivery Dealer Review described below.

OWNER'S RESPONSIBILITY
Proper maintenance and care of your Starcraft R.V. unit will help you better enjoy your
unit and will help you achieve lower operating costs.

Regular and proper maintenance should be performed as indicated in the "MAINTENANCE" section of this manual.

INSURANCE COVERAGE
Make sure your unit is insured. Contact your insurance agent prior to picking up your unit
for information concerning your policy coverage.

DEALER REVIEW
At the time of delivery we recommend the following steps be taken:

1. Review the Owner's Manual with the dealer. If you have any questions, have the
   expertise to answer them and explain such things as hitch requirements and the weight
   information decal.

2. Go through the complete set-up procedure and visually inspect the unit for any minor
   adjustments you feel are necessary. Have the dealer demonstrate the operation of all
   appliances, systems, and options.

3. Once you're satisfied that you understand the internal and external workings, road
   test it with the dealer. If you are not already familiar with cornering and backing pro-
   cedures, you'll appreciate having a veteran with you.

4. This may be a good time to consider purchasing the following items that are men-
   tioned throughout the manual. These items will provide a greater capacity for camping
   ease and enjoyment.

   a) Electric Brake Control
      The trailer brakes can be operated separately for surer stopping and better bad
      weather handling.

   b) Voltage Line Monitor
      This lets you check the voltage entering your trailer. If the voltage in the campground
      drops, your appliances may be damaged.

   c) Drain
      A black garden hose should be used to distinguish the drain from the white fresh water
      hose.

   d) Stabilizer Jacks
      When placed under the frame at the four corners of your unit, they provide added
      floor support.

   e) Hose - City Fill
      Just in case a city water hook-up is provided at your campsite, carry a white
      garden hose.

   f) Water Pressure Reducer
      Water pressure at the campsite may be more than 60 PSI. A reducer will protect your
      water lines from bursting.

   g) Extension Cord
      For use if the 25 foot cord provided is not long enough to reach the campsite hook-up.
      Use a heavy 3-wire type extension cord, 15 amp - 14 gauge, 30 amp - 12 gauge.
h) Step Ramp
Use to level the trailer if the campsite is unlevel. It can be built at home using 2 X 6’s.

i) LP Gas Alarm
Loss of pressure in the gas line or gas leaking in the camper is detected and an alarm is set off.

PRE-PLANNING

PRE-DELIVERY

HITCH REQUIREMENTS
A top-quality hitch, properly installed to pull your trailer as level as possible, is essential for trouble-free towing. On a flat surface, measure from the bottom of the frame to the ground under the front and rear of the unit. When these measurements agree, measure from the top of the coupler to the ground. This is your hitch height. This information will be needed by the installer of your hitch. The hitch requires a 2 inch ball.

WARNING: Never travel with a hitch mounting below or more than 3 inches above a level trailer, or a hitch weight that overloads the tow vehicle axle.

DO NOT use weight distributing type hitches unless equalizing rods or chains are disconnected.

DAMAGE CAUSED BY IMPROPER HITCH USAGE WILL VOID ANY PORTION OF THE STARCRAFT WARRANTY.

WIRE HARNESS/PIGTAIL INSTALLATION
In addition to a hitch, you will also need to attach the camper pigtail to the towing vehicle electrical harness. A connector comes with each trailer. Contact your tow vehicle dealer for correct gauges of wire, connection assistance, heavy duty flasher and battery isolator if necessary, for charging the battery in your unit.

<table>
<thead>
<tr>
<th>Camper Wire Color</th>
<th>Function</th>
<th>Car Hookup</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>Backup Lights</td>
<td>Backup Light Wire</td>
</tr>
<tr>
<td>White</td>
<td>Ground</td>
<td>Car Frame</td>
</tr>
<tr>
<td>Large Black</td>
<td>Battery Charge</td>
<td>Alternator (batt. isolator &amp; fuse : 30 amp)</td>
</tr>
<tr>
<td>Brown</td>
<td>Right Turn Lights</td>
<td>Right Turn</td>
</tr>
<tr>
<td>Red</td>
<td>Left Turn Lights</td>
<td>Left Turn</td>
</tr>
<tr>
<td>Green</td>
<td>Clearance Lights</td>
<td>Running Lights</td>
</tr>
<tr>
<td>Blue</td>
<td>Brakes</td>
<td>Brake Controller</td>
</tr>
<tr>
<td>Small Black</td>
<td>Interior Lights</td>
<td>Battery (fuse)</td>
</tr>
</tbody>
</table>

Make certain the installation allows sufficient slack for turning, but not enough to touch the ground. Although the factory has already tested your electrical system, check all lights before you tow.

BREAKAWAY CONNECTOR
All Starcraft trailers with brakes have a breakaway connector that causes the trailer brakes to be applied in the event of ball or coupler failure. We recommend you install a sturdy screw or safety link to the free end of the cable coming from the breakaway switch. Then provide a place on the car to connect this link. Install an eyebolt, if necessary, through the frame bumper or tow bar, positioned to allow enough cable slack for the units to turn without pulling the cable. The only power source for emergency brake operation is the battery.

WARNING: NEVER use this breakaway feature as a parking brake. This can burn out the brake magnets and discharge the battery.

Adjust the cable so the unit can turn corners freely without pulling taut. DO NOT loop the cable over the hitch ball, through an eye used for safety chain, or in a manner that would interfere with a free turning action.

COUPLER, JACK, AND DOLLY WHEEL
Remove the clip or nut and bolt securing the coupler lever and lift it. Crank the front jack counterclockwise to raise the tongue. Position the coupler over the towing vehicle hitch ball and lower it onto the ball by cranking clockwise. Push the coupler lever down until it locks in place. Secure it with a clip or nut and bolt. Use a socket wrench to tighten the coupler adjustment nut whenever the coupler is loose on the ball. Lift on the “A” frame to make sure the coupler grips the ball securely. Raise the jack as far as it will go by turning clockwise. Turn the “L” bolt to the left to loosen the jack and raise to the full up position. Tighten the “L” bolt.
SAFETY CHAINS
Cross the safety chains, provided with your camper, under the “A” frame and attach them to the hitch platform, or to the eyebolts installed in the towing vehicle.

Note: State regulations require that the safety chains must be crossed under the tongue to prevent a hitch or coupling failure from dropping the tongue on the road. If a chain is damaged, regulations prohibit welding or splicing a new length of chain to it. Replace the entire chain and hook assembly.

Provide enough slack to turn corners freely, but do not allow them to drag on the pavement.

MIRRORS
The mirrors on your car must allow you to see beyond your trailer. A set of auxiliary mirrors are invaluable during backing and driving. Most are not permanent and are quickly installed or removed.

Note: LIQUID PETROLEUM (LP) SET-UP
If the dealer has not already done so, request he install the LP bottle holder and bottle(s) as well as make the necessary connections to the regulator and bulkhead. For instructions, check the Owner’s Packet. Either the Starcraft dealer or a qualified LP dealer should then fill the bottle(s) and check all connections with a leak detector and also check the LP regulator to ensure proper gas pressure to the appliances.

Note: Starcraft R.V. is not responsible for personal injury or property damage resulting from improperly maintained LP gas appliances and systems.

PRE-TRAVEL CHECK
Whenever you depart from home, rest area or campsite, take some time to carefully perform the appropriate checks.

AREA BE SURE

Interior
Lights & Converter Off
Vents, Doors, & Drawers Closed & secured
Refrigerator & Ice Box Secured with travel lock
Loose Items Stored or lashed down

Exterior
Tires Properly inflated & in good condition
Wheel Bolts Tight
Lights - both vehicles Brake, turning, headlights, taillights...All work
Hoses (drain & fill) Disconnected & stored, caps secured
Power Cord Disconnected & stored
Step Pushed in
Stabilizing Jacks Retracted
Access Doors & Hatches Closed & locked
LP Gas Bottle(s) Connections secured & service valve closed

Hitching & Coupling
Hitch Secure
Safety Chains Properly crossed & attached
Breakaway Switch Connector Properly attached
Front Jack Raised & locked
Mirrors Properly adjusted
Brake Control Working properly

Note: Check state regulations where you intend to travel concerning restrictions for LP bottles and equipment.

WARNING: THE LP GAS SERVICE VALVE MUST BE SHUT OFF WHILE TRAVELING.

TRIP PREPARATION
SANITIZE WATER SYSTEM
To assure complete sanitation of your drinking water supply, you should cleanse a new system or one that may have been contaminated. Read “WATER SYSTEM” and then proceed as follows:
1. Mix a solution of household bleach (5% sodium hypochlorite) and water (1 cup of bleach per 1 gallon of water). Mix as much as your unit requires.

2. Pour this mixture into your water tank, completely filling the tank and water heater. Open (or pump) each faucet until water flows steadily, then turn off all faucets.

**WARNING:** **DO NOT** use system until it is thoroughly flushed with water. Keep children away from unit until the water is safe to drink.

3. Allow the solution to work for three hours.

4. Drain and thoroughly flush the system with fresh water.

*Note: If the chlorine taste or odor lingers, pour one quart of vinegar mixed with five gallons of water into the tank. Drive a bit and let the vehicle motion agitate this solution; allow to sit a day or two. Then drain, fill, and flush again with fresh water.*

**FRAME & RUNNING GEAR**
Check the wheel bolts before your first trip and again after 25, 100, and 500 miles, and every 500 miles thereafter. They should be kept torqued to 70 to 80 ft.-lbs.

Check the tire inflation against the manufacturers recommendations, as shown on the tire sidewall. Also check the rims and hubs for road damage.

**SPARE BULBS**
The bulbs used in the clearance lights, taillights, and interior lights are standard automotive types usually available at service stations. You may wish to purchase spares in advance to avoid an inconvenience later. Use the size specified.

- Side Marker .......... 1895
- Tail & Turn .......... 1157
- Interior ............... 1141
- Patio ................. CEC 93

See your towing vehicle owners' manual for the listing of light bulbs and fuses.

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**TRAILERING**

**DRIVING**

You may need a little experience to gain assurance and become familiar with the feel of towing a trailer. Practice accelerating, turning, backing, and braking at home under favorable conditions before you take a trip. By doing this, you will get an idea of the effect of the additional weight and length of your unit. This will help you to remember to allow greater distances for safe passing and stopping.

Some states require slow moving vehicles on two-way roads to pull off at the first opportunity whenever several vehicles have lined up behind them, waiting to pass. This is a courtesy that might protect you from impatient drivers who may pass you without enough room.

Driving tips:

1. Move into traffic slowly and accelerate gradually.

2. Stay in the right lane as much as possible. Allow faster vehicles the right of way.

3. Before passing a slower vehicle, be certain that you have sufficient speed and highway space available to safely complete the maneuver. Signal all lane changes. Allow enough room between you and the vehicle you pass before returning to the right lane.

4. When turning, swing wide of the curb. The unit will turn closer to the curb than your car.

5. Shift to a lower gear when either ascending or descending a hill or steep grade.

6. Avoid sudden stops.

7. If the trailer begins to fishtail or sway, accelerate, then gradually slow down.
BRAKING & EMERGENCY STOPS
Anticipate stops well in advance so you can avoid panic stops and the mess they can make inside your trailer. They could cause your trailer to jackknife. Consider the following in terms of your own installation.

As you slow down or stop, apply your trailer and car brakes simultaneously on dry pavement. On rainslick, snowy, or icy roads, use the trailer hand brake control (if installed) before applying the car brakes to avoid the tendency to jackknife.

If your coupler disconnects from the hitch, gradually reduce your speed and edge toward the shoulder. Properly connected safety chains will keep the tongue from dropping to the road.

SWAYING
If your trailer starts to sway or fishtail, DO NOT let up on the gas or apply the car brakes. Avoid quick corrective steering changes. Keep a steady or slightly increased pressure on the gas pedal (gently apply the hand trailer brake, if you have one) to gain control, then gradually slow down. Winds or passing vehicles can cause some sway, but if it continues, carefully pull off the road and check for the cause, such as: low tire pressure, loose wheel bolts, improper loading (rear heavy), or car suspension or alignment.

GRADES
Reduce your speed and use a lower transmission range. Downhill the lower gear will assist in braking, and uphill it will help prevent the engine from overheating. It's best not to park on a grade, but if it is necessary, apply the brakes and have someone place wheel chocks against the trailer tires. Then release the brakes slowly until the unit is stopped by the chocks. Apply the parking brake and place the transmission in park (or in gear if manual transmission).

BACKING
This is a skill best learned from experience; perhaps in an empty parking lot with an empty trailer. Place yourself so your approach will favor your left view; campsite to the left. For example, Station someone at the rear of the unit to make sure everything is clear and help guide you. Place your hand at the bottom of the steering wheel and move it in the direction you want the trailer to go. If the trailer starts to jackknife, stop, pull forward enough to align the units, and try again.

When backing into your campsite, remember to also watch above for branches and limbs that could harm your unit.

TIRES
TIRE CHANGE
A tire change on the road may present extra problems and distractions. Be careful. Turn on the hazard warning flashers and set up flares or warning lights. Block the opposite tire. When raising the trailer, use a scissor or hydraulic type jack on a wood block directly under the frame. DO NOT use a bumper jack.

If the trailer must be left on the jack while you get the tire repaired, place a block under the axle and lower the jack to put most of the weight on the block. CHECK THE TRAILER WHEELS BEFORE YOU UNTIE THE TRAILER.

Remove the hub cap (if equipped), raise the unit to take some weight off the tire, then loosen the wheel bolts. Raise the tire off the ground and remove the bolts and the wheel. Place the new wheel on the hub and hand tighten the wheel bolts. Lower the unit until the tire just touches the ground. Firmly tighten the wheel bolts in the alternate 1, 3, 5, 2, 4, sequence to 70 - 80 ft. lbs.

Replace the hub cap (if equipped), lower the unit, and remove the jack. Store the old tire and tools. Relighten the wheel bolts after 25, 100, and 500 miles.

DO NOT return a tire to your Starcraft dealer or to Starcraft R.V. Tires are warranted separately by each tire manufacturer. Contact the tire manufacturer on his authorized dealer. Check the tire warranty in the Owner's Packet.

TIRES
WARNING: Proper tire inflation is extremely important. The pressure for trailer tires is different than for automotive tires. Inflate your trailer tires to the pressures recommended by the manufacturer.

Regularly check the tire air pressure when the tires are cold. The tire pressure may increase due to heat generated while traveling. DO NOT bleed the air from a hot tire. Underinflated tires decrease the load limit, tend to sway, shorten tread life, and can run hot. Overinflation causes a bouncy rough ride that increases shock loads on all equipment and contents. Annual tire and wheel balancing can help give better tire mileage.

Tires should be inspected regularly. Check for uneven wear, road damage, foreign objects, bulging, or peeling.

Replace a tire when it is worn to 1/16" depth in two or more adjacent grooves, or to the level of the thread indicators molded into the bottom of the tread groove.
Be sure when you buy a new tire, the size, ply rating, load range, and construction are the **SAME** as the old tire. **DO NOT use radial tires.**

**LUG BOLTS**

Tighten the lug bolts (70-80 ft. lbs. torque) before your first trip or after a storage period. On your initial trip and after each tire change, check and tighten (if necessary) the lug bolts after 25, 100, and 500 miles.

**FEDERAL STICKER**

A federal sticker on the road side of your unit lists the serial number and gross vehicle weight rating (GVWR). Your tow vehicle also will have a federal sticker. The ratings are for the specific rim and tire sizes and the frame and axle limits.

### LOAD LIMITS

**Important:** Uneven loads or overloading can cause serious problems. Thoroughly review and understand this section.

The total trailer weight is supported by the axle and the hitch. Maximum rated load limits for these points on your trailer are provided on the **"Important Weight Distribution Information"** decal found on the inside of one of the cabinet doors. **DO NOT exceed these limits.** Damage or an accident caused by overloading or improper loading will void any and all portions of your Starcraft Warranty.

### WEIGHT DISTRIBUTION

Assign a fixed location to all portable items, keeping heavy materials close to the floor and securing them to prevent shifting and possible damage. When situating material, check the weight distribution decal for maximum cargo load distribution figures. This will enable you to distribute weight where needed.

In order to accurately compute your load and properly distribute the weight, you will use information from two sources:

1. The weight distribution information provided on a nonremovable decal affixed to the inside of the trailer.
2. Actual scale weights as outlined in the instructions that follow.

Your trailer along with your personal equipment comprise a variable which can’t be estimated; consequently, it will be necessary to weigh your unit with the equipment on board that you plan to take on all trips. Prior to weighing, we ask you to follow this procedure:

Locate a large enough scale to place your trailer on, such as a weigh station or grain elevator. **Once there, level the trailer and be sure it remains level through each of these steps.** Enter the weights in Table 1.

1. **Weigh the trailer with all 3 points on the scale.** This is the Gross Vehicle Weight (actual weight). The actual weight must be less than the Gross Vehicle Weight Rating (the maximum the trailer can weigh), found on the federal sticker.

   | Gross Vehicle Weight Rating (GVWR) | 2000 (from decal) |
   | Actual Weight from scale (GVW) (LP full - 20 lbs. Water - 8 lbs./gal.) | 1195 (from scale - step 1) |
   | Rated Cargo Load | 805 |

2. **Move the front jack off the scale, chock the wheels, and support the tongue with a 4 X 4. Subtract the weight now shown on the scale from the figure in step 1. This new figure is the Hitch Weight.** The hitch weight should be between 7% to 12% of the gross vehicle weight (step 1). Also, the hitch weight should not exceed the maximum hitch weight for your unit which is indicated on the decal.

   | Actual Weight from scale (GVW) | 1195 (from scale - step 1) |
   | Actual Weight from scale (GVW) | 1105 (from scale - step 2) |
   | Actual Hitch Weight | 90 |
   | Compare with minimum (GVW X .075) | 90 (step 2) |
   | Compare with Maximum Hitch Weight (DO NOT EXCEED) | 200 (from decal) |
   | Rated Hitch Load | 90 |

   = 110
3. Now move the trailer around so you can weigh each wheel separately. These weights should be lower than and proportional to the maximum weights shown on the decal.

<table>
<thead>
<tr>
<th>Right Axle Capacity</th>
<th>900 (from decal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual Right Axle Weight</td>
<td>536 (from scale - step 3)</td>
</tr>
<tr>
<td>Rated Cargo Load - Right Side</td>
<td>= 364</td>
</tr>
<tr>
<td>Left Axle Capacity</td>
<td>900 (from decal)</td>
</tr>
<tr>
<td>Actual Left Axle Weight</td>
<td>566 (from scale - step 2)</td>
</tr>
<tr>
<td>Rated Cargo Load - Left Side</td>
<td>= 331</td>
</tr>
</tbody>
</table>

**REVIEW**

In reviewing the three steps above, we find you can load 805 pounds of food, clothing, water, and LP gas to your trailer:

<table>
<thead>
<tr>
<th>Hitch:</th>
<th>= 110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Side:</td>
<td>= 364</td>
</tr>
<tr>
<td>Left Side:</td>
<td>= 331</td>
</tr>
<tr>
<td>TOTAL</td>
<td>= 805</td>
</tr>
</tbody>
</table>

As long as the hitch weight falls between 7½% of the actual weight and the maximum listed on the decal, and the right and left wheel weights are lower than the maximums listed on the decal and balanced side to side, you’re all set.

**TABLE 1**

<table>
<thead>
<tr>
<th>Gross Vehicle Weight Rating (GVWR)</th>
<th>___ (from decal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual Weight from scale (GWW)</td>
<td>___ (from scale - step 1)</td>
</tr>
<tr>
<td>(LP Full - 20 lbs, Water - 8 lbs/gal)</td>
<td>___</td>
</tr>
<tr>
<td>Rated Cargo Load</td>
<td>___ (from scale - step 1)</td>
</tr>
<tr>
<td>Actual Weight from scale (GVW)</td>
<td>___ (from scale - step 2)</td>
</tr>
<tr>
<td>Actual Hitch Weight</td>
<td>___ (from scale - step 2)</td>
</tr>
<tr>
<td>Compare with minimum (GVW X .075)</td>
<td>___ (step 2)</td>
</tr>
<tr>
<td>Compare with Maximum Hitch Weight:</td>
<td>___ (DO NOT EXCEED)</td>
</tr>
<tr>
<td>Rated Hitch Weight</td>
<td>___ (from decal)</td>
</tr>
<tr>
<td>Right Axle Capacity</td>
<td>___ (from scale - step 3)</td>
</tr>
<tr>
<td>Actual Right Axle Weight</td>
<td>___ (from scale - step 3)</td>
</tr>
<tr>
<td>Rated Cargo Load - Right Side</td>
<td>___</td>
</tr>
<tr>
<td>Left Axle Capacity</td>
<td>___ (from decal)</td>
</tr>
<tr>
<td>Actual Left Axle Weight</td>
<td>___ (from scale - step 3)</td>
</tr>
<tr>
<td>Rated Cargo Load - Left Side</td>
<td>___</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hitch:</th>
<th>___</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Side:</td>
<td>___</td>
</tr>
<tr>
<td>Left Side:</td>
<td>___</td>
</tr>
<tr>
<td>TOTAL</td>
<td>___</td>
</tr>
</tbody>
</table>

An easy way to find the hitch weight on the road or at home using a bathroom scale and a 4 X 4 is explained below:

Measure from the bottom of the frame of your level camper to the ground, just in front of the tire. From this measurement, subtract the height of your scale and cut a 4 X 4 to the remaining figure.

Chock the trailer wheels. Raise the tongue jack until the 4 X 4 and the scale can slide underneath. Lower the tongue until it rests on the 4 X 4. The weight shown is the hitch weight.

We suggest you carry this equipment to check the hitch weight every time you break camp.
SET-UP

EXTERIOR SET-UP

Caution: Before setting up:

a) If a boat, bicycles, or any luggage is being transported, remove it from the roof carrier BEFORE raising the roof.

b) Block the trailer wheels whenever you unhitch.

c) NEVER raise or lower the roof with the stabilizing jacks set. These can bind and damage the lifter system.

Caution: The stabilizer jacks, if equipped, are for stabilizing the unit once it is in a level position. They are not intended for use as lifter jacks.

d) Release the roof latches prior to raising the roof.

Note: The optional canopy is installed before the roof is raised.

1. When setting up on soft ground, place a board under the front dolly wheel. Release and raise the coupler off the hitch ball.

2. Release the roof latches.

3. Slide the crank completely through the hole in the right rear frame member to engage the crank in the shaft. Turn the crank clockwise until the indicator arrow and line appear. **DO NOT over crank.** Remove the crank when not in use.

4. When the roof is raised, set the stabilizer jacks. Insert the jack handle through the jack above the quick release lever, into the square hole in the casing, and push down. To lower, insert the handle into the hole in the quick release lever, and pull up. Set the jacks on firm soil or a board.

5. Remove and attach the bunk braces found either under the bed foam or in the pole storage compartment (the superbunks take 2 scissors and 2 pole supports each).

6. Pull out the bunks and attach to braces by sliding the brace outward until the clip on the under side of the bed is engaged.

**WARNING:** The bunk braces must be in place before pulling out the bunk. The bunk will not support itself.

7. Zip down the canvas corners and secure the canvas flaps around the outside of the lifter (if required).

8. Fit the canvas over the sides of the bunk and hook to the brackets in the bed. On StarLite models, there is a snap that must be snapped.

9. Inside the unit, set the tent support bows by snapping the overhead pole onto the bow. Attach the roof fitting to the pole. Push the roof bow into position and snap the roof fitting into the bracket. Adjust the tension with the spring loaded ball.

10. Release the screen door from the roof by turning the twist locks. Swing the door down to the lower door. Lift up and insert the tabs found at the bottom of the screen door into the brackets located at the top of the lower door. At the top of the screen door, twist the two plastic retainers to hold the top rigid.

11. Attach the velcro lined canvas to the screen door.

12. Lift up the door step and pull out (if required).
INTERIOR SET-UP

WARDROBES
The wardrobe sets up in one of two ways. Either raise and push it against the wall and drop the leg (found under the wardrobe) into its locking position, or raise and slide it to the left until it rests on the cabinet.

GALLEY CABINETS
WARNING: Open the roof vent whenever operating the galley.

AeroStar
Unhook the cabinet and pull it toward you as far as you can. Lift it up using the handles and swing it away from you. Push the cabinet in until the rollers drop into place. Hook in position.

AllStar
Pull out, swing up, and hook in position.

StarLite
Lift the galley up and over.

TABLES
Note: Store the table inside overnight and during bad weather.

AeroStar & StarLite
All AeroStar and StarLite tables (w/ the exception of the 20 SD) are freestanding. Unsnap the retaining strap under the table to free the table legs. The legs unfold and latch like most picnic tables. The table stows between the dinette seats.

The StarLite 20 SD has a pedestal arrangement. The pedestal fits into the table top and the floor and stows in a dinette seat, and the table stows between the dinette seats.

AllStar
Remove the center cushions and raise the front of the table. Lift the rear edge off the lower bracket and hook over the upper bracket. Swing down the leg and adjust it to make the table level. Some tables can be set up on the outside of the camper using the same set-up procedure. The table stows on the lower extrusion between the dinette seats.

BEDS
WARNING: DO NOT leave children unattended in the bunks. The child might work his way out between the bunk and the canvas and become caught in the elastic strapping, or fall to the ground.

Aside from the bunks, other beds are made using either the tables or gaucho. The tables are placed on supports between the dinette seats. The seat back cushions are spread over the table.

The gaucho is pulled out evenly by the front edge of the seat as far as the chain under the cushion will allow. The back cushion is spread over the extra space.

CARRY-OUT RANGE - AllStar & AeroStar
Note: The carry-out range operates on LP gas only.

REFER TO THE INSTRUCTIONS PROVIDED BY THE RANGE MANUFACTURER FOR IMPORTANT OPERATING INFORMATION.

The carry-out range uses the same hardware as the tables. For travelling, secure it to the lower extrusion under the table. For inside cooking, set it on the countertop beside the LP fitting. For outdoor cooking, secure it to the highest outside extrusion. Two quick disconnect LP couplers are provided, one to the right of each section.

Open the small round access panel by the door (outside only), and remove the coupler. To make the LP connection, the shutoff handle must be at a right angle to the coupler (the gas supply is now shut off). Press the brass collar away from the range unit, mate the ends, and release the collar. A firm pull will confirm a good connection. Turn the handle toward the range to open the shutoff. Disconnect in a reverse manner.

Note: Store the range inside overnight and during bad weather.

WARNING: IT IS NOT SAFE TO USE COOKING APPLIANCES FOR COMFORT HEATING.

Cooking appliances need fresh air for safe operation. Before operation:
1. Open the overhead vent or;
2. Open a window.
A warning label has been located in the cooking area to remind you to provide an adequate supply of fresh air for combustion. Unlike homes, the amount of oxygen supply is limited due to the size of the camper, and proper ventilation when using the cooking appliance will avoid the dangers of asphyxiation. It is especially important that cooking appliances not be used for comfort heating as the danger for asphyxiation is greater when the appliance is used for long periods of time.

# SYSTEMS

## WATER SYSTEM

**WATER**

Fresh water may be supplied to the sink from one of two sources; either a water tank or a city water hook-up. Fixtures for both sources are located adjacent to each other on the same side of the camper and are labeled.

You should install a pressure reducer in the campground faucet that will limit the pressure to 60 PSI if the source pressure exceeds that amount. The city water bypasses the internal water tank, but does fill the water heater. Open a hot water faucet to help fill the heater tank. In either case, put only clean drinkable water in the system.

**DEMAND PUMP**

The pressure in the internal tank system comes from the 12-volt demand pump. Open the faucet the first time you turn on the demand pump until the water flows steadily, then close the faucet. When the system is pressurized, the pump will stay off until you use water. Then the pump turns on to meet the demand. If it turns on between uses, check the system for leaks. Do not run the pump when the tank is empty. Before breaking camp, turn the pump switch to off and make sure it's off by turning on the cold water faucet. When you're sure the pump is off, close the faucet.

**HAND PUMP**

Your unit will have one of two styles of gravity water fills located on the exterior of the unit. Depending on the style, either push in on the bottom of the fixture or unlatch and lift the lid. Use a plastic water hose or bucket to fill the water tank.

To draw water from the tank, turn the faucet/pump handle about 5 turns counterclockwise and pump. Make sure the plug is screwed securely into the city water fixture. If the plug is loose, the pump will lose suction and won't draw water from the tank.

**SINK DRAIN**

Connect a black garden hose to the sink drain fixture and run it to a park service septic outlet. If no drain connection is provided, use a short length of hose and drain into a bucket.

*Note: The cap for this fixture must be securely in place before towing the camper.*

To avoid contaminating your water system, use a white hose for fresh water and a black hose for drainage. If you use buckets, paint or label them.

Drain the water tank and water heater after returning from a trip. When the outside temperature is below freezing, add special antifreeze (see STORAGE).

**WATER HEATER**

The water heater will fill automatically either from the fresh water tank or when connected to the city water-fill. When filling the fresh water tank, open a hot water faucet briefly, with the pump switch "ON", to allow the water heater to fill. Make sure the water heater is full before trying to light it.

*SEE THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OF THE WATER HEATER FOR IMPORTANT OPERATING AND SAFETY INFORMATION.*

Drain the water heater tank after each trip. This is done by opening the drain cock or plug on the water heater and the hot water faucets inside the camper. When the water stops draining, close the drain outlet. This is not adequate protection against waterline freezing (see STORAGE).

**SHOWER**

Lift the shower cabinet top and hook the retaining spring into the eye in the roof. Unlatch and open the bi-fold doors. Unlatch and unhook the shower top from the raised cabinet and insert and latch it to the roof. Attach the shower curtain to the hooks in the track.
Before shower use, remove the cap from the shower drain under the floor and replace it with a 90° hose fitting, provided with the shower option. Either connect to a portable holding tank or use a garden hose to drain into the park service or a bucket (a “Y” connection to the sink drain will reduce the amount of hose needed).

To use the shower, first make sure the gravity waterfill lid is left slightly open before turning on the demand water pump. The pump switch is located on the cabinet beside the shower. Be sure the drain is open. Open the faucets until the water flows steadily, and adjust the water temperature to your preference. Step into the shower stall and secure the curtain. Use the “ON/OFF” switch on the shower head to wet down and then shut off the water. This maintains proper temperature and conserves water. Once fully lathered, switch “ON” and rinse.

Note: To prevent excessive moisture build-up, use cross-ventilation when the weather permits, but always open the vent.

ELECTRICAL SYSTEM

110-VOLT AC
The heavy duty power supply cord is stored behind an access door. If your trailer has air conditioning, your power service is 30 amps.

WARNING:
1. DO NOT use a 15 amp cord as a 30 amp extension cord. The 14 gauge 15 amp cord can melt and start a fire if used as a 30 amp cord. The 12 gauge 30 amp cord can draw and safely handle 30 amps.

2. DO NOT use a 2-wire extension cord or a cheater plug with the third pin removed. This would interrupt the continuity of the grounding circuit that makes the vehicle shock safe. The long power cord provided is normally adequate. Should you need an extension, be sure to use one with a wire gauge heavy enough to handle your needs.

3. If you want to run any 110-volt lights or appliances outside your camper, you must have a 110-volt outlet with a ground fault interruptor installed. Otherwise, you could receive a shock that could seriously burn or kill you.

4. Appliances with motors require steady voltages to prevent heat build-up and internal motor damage. At many campgrounds, several air conditioners running simultaneously may drop the line voltage, which might cause problems. Because of the low voltage possibilities, we suggest you obtain a plug-in voltmeter and monitor the lines to protect your appliances.

A circuit breaker (in some cases, there are two breakers) protects by opening the circuit when it heats from an overload. If you trip a breaker, reduce your load (turn something off or check your system) before you reset the circuit breaker. To set the circuit breaker:

1. Turn off all appliances.
2. Flip the switch (now midway between “ON” and “OFF”) to “OFF”.
3. Flip the switch to “ON”.

Plug the power cord into a 110-volt power source and power is supplied through the breaker box on all units. Breakers monitor the power to all interior receptacles (like at home). The refrigerator, plugged into its own single receptacle, and the air conditioner operate only on 110-volt electric. Be sure the air conditioner is turned off when you plug in the trailer power cord.

The appliance circuit on most units powers the converter which transforms the 110-volt AC to 12-volt DC.

12-VOLT DC
All electric devices except cooling, operate on 12-volt DC, which is provided by the converter or the trailer battery. The trailer battery can be charged by the car as you tow, if the proper battery isolator is installed.

Running lights, turn signals, and brake lights run through the towing vehicles fuse block. Accessories’ fuses are in line and located near the battery box.

WARNING: Traveling with the inside lights on could cause a fire. Always travel with the converter "OFF".

If you blow a fuse, check for the cause. Do not replace the fuse with a heavier one.

A 12-volt converter, protected by its own fuse, provides circuits for internal lights and optional furnace only, and does not have sufficient amperage for additional 12-volt accessories.
Should you desire additional capabilities, we recommend the installation of a properly vented onboard battery in a protective case.

The 12-volt battery package available from your dealer is equipped with an outside breather port that is connected by a hose to its protective case.

**WARNING:** DO NOT damage or disconnect this hose. It vents explosive hydrogen gas produced as the battery recharges.

Proper modifications allow the battery to charge from the car.

A 3-position converter switch gives "battery" operation, however, prolonged use runs the battery down. Use "CONV" to eliminate battery drain when 110-volt A/C is available. Use the "OFF" position when towing or storing.

**ELECTRIC BRAKES**

An electric brake control with a rheostat is necessary to actuate the electric brakes on your trailer. This is installed on your car so when you apply the brakes, it automatically applies the trailer brakes. Read all of the instructions provided with your electric brake control and if it ever appears that the trailer brakes are not operating properly, have the system checked and repaired by a qualified serviceman as soon as possible.

**LP GAS SYSTEM**

LP (liquid propane) gas is an efficient, inexpensive, portable fuel that burns readily with intense heat. It is used for cooking, heating, and cooling. The LP gas systems are designed and built to rigid standards. They are tested before leaving the factory and with proper care and maintenance they are safe. Except for simple connection tightening, take your unit to the dealer for LP gas problems. The LP bottle should always be filled and the regulator checked by an authorized LP supplier. Read the manufacturers' instructions before using any LP gas appliance.

**Note:** STARCRAFT R.V. is not responsible for personal injury or property damage resulting from improper use or maintenance of LP gas appliances or systems.

**WARNING:** DO NOT bring or store LP gas containers, gasoline, or other flammable liquids inside the camper. LP bottles are equipped with safety devices which relieve excessive pressure by discharging gas to the atmosphere. A fire or explosion may result.

LP gas has a distinctive odor (you might notice this as you light the appliances). If you smell gas, immediately investigate the source. The gas is heavier than air and settles in low areas. It could cause suffocation or create a fire hazard. Your authorized LP gas supplier may be able to supply you with a gas leak detector which will help eliminate this danger.

**WARNING:** If you smell gas:

1. Extinguish all open flames, pilot lights, and 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 door and windows, and exit the unit leaving the door open.
5. Leave the area until the odor clears.
6. Have the LP gas system checked and the leakage source corrected before using again.

To operate any LP gas appliance, be sure all appliances are off, then open the service valve on the bottle, found on the "A" frame. At first some air in the gas line may escape as you open a valve, extinguishing your lighter. Likewise when you close the bottle service valve, some gas remains in the line unless you light a burner to burn off the excess. Turn the burner off when the flame burns out.

**FILLING LP GAS BOTTLES**

**WARNING:**

1. NEVER smoke or ignite an open flame either inside the trailer or near it while the bottle is being refilled.
2. Use an approved leak detector kit or soapy water solution when checking for a leak. Never use an open flame to check for leaks.
3. **To avoid an explosion, make sure all valves are off and all pilots are out BEFORE you open the valve on the refilled bottle.**

Be sure all gas valves are off, then close the service valve. Disconnect the gas line from the bottle. Disconnect the bottle from the bottle holder by removing the wing nuts from the "J" bolts and then removing the "J" bolts. When a double bottle holder is involved, remove the wing nut and bracket.

Remove the bottle and transport it in an upright position to your Starcraft dealer or an authorized LP supplier for filling. The names of LP suppliers can be found in the telephone directory yellow pages.

The LP supplier will have the correct type or blend of LP gas for your locale. Ask the supplier for his recommendations if the climate or temperature differences are to be considered.

The dealer should not use a wrench on the service valve or the 80% valve.

**WARNING:** *Insist the bottle never be filled beyond the 80% liquid level. Overfilling the LP bottle can result in an uncontrolled gas flow which can cause a fire or explosion. A properly filled container will contain approximately 80% of its volume as LP gas.*

**DO NOT** smoke, strike a match, or cause a spark or flame which could ignite the fumes as the bottle is filled. Then be sure all burner and pilot flames are out and the service valve is closed when you reinstall the bottle.

Reinstall the bottle in the reverse order used for removal. When tightening the single bottle wingnuts, hand tighten until the lock washers are squeezed flat.

**LP BOTTLE MAINTENANCE**

A regulator dust cover is provided and should be used. Bottles should be kept free of rust at all times. If rust does develop, the area should be cleaned completely of the rust, primed, and painted white. One important reminder: the service valve should always be closed when not in use.

**LP GAS LINE CHECK**

After each refill and each 5,000 miles or every 30 days the LP gas line should be checked.

Check the gas line connections as follows:

a) Turn off all burners and pilot lights.
b) Open the door and windows.
c) Open the gas bottle service valve.
d) Test all line connections with an approved leak detector, bubble solution or soapy water. **DO NOT** use ammonia or chlorine solutions. If bubbles indicate a leak, tighten the connections until bubbles stop. If bubbles persist, close the service valve and contact your Starcraft dealer or authorized LP supplier.

**PRESSURE REGULATOR**

The regulator pressure should be checked periodically to ensure efficient operation of the appliances. The correct line pressure for all of the LP gas appliances is 1" of water column pressure. Most LP gas suppliers have the equipment to make this check for you and the frequency for testing the line pressure should be at least every six months or after every third tank refill, whichever occurs first.

**FREEZE-UP**

Freeze-up is usually caused by one of three things:

1. Moisture in the bottle.
2. An overfilled bottle.
3. A greater demand than the bottle capacity at a particular temperature.

You can use these precautions to prevent this problem:

1. Use moisture-free LP gas.
2. Keep the service valves closed during storage.
3. Have the dealer add anhydrous methanol.

If moisture is present, have the dealer purge the bottle. Since LP gas does not vaporize as rapidly in cold weather, normal demands may become excessive and cause a refrigeration effect which can freeze up the regulator. Your dealer can tell you about appliance demands which can be met by your bottle at various temperatures.

TAKE-DOWN

INTERIOR

1. Close all windows, curtains, roof vent, and unzip the corner separators ½ way.
2. Lower all the tables to the bed or traveling position.
3. Turn the stove control knobs to “OFF”. Lower the range cover, lower the faucet pump handle, and store the sink cover. Attach the indoor/outdoor range to the lower extrusion under the table.
4. Lower the wardrobe.
5. Lower the shower.
6. Lower or remove and store the tent support bows. Close the privacy drapes.

WARNING: Bed bows must be fully down to prevent damage to the canvas when the roof is lowered.

7. Turn the furnace gas valve knob to “OFF”. Turn the thermostat to “OFF”.
8. Turn off the interior lights and the patio light. Flip the converter switch to “OFF”.
9. Detach the canvas sidewall flaps from the door frame and swing the upper door to the roof and secure in place.
10. Return the galley to its traveling position. Secure it with the retainer hook if required.
11. Be sure all your personal items are properly secured and stored and that nothing is protruding above the camper sidewalls.

EXTERIOR

1. Close the LP gas service valve.
2. Turn the water heater and refrigerator gas controls to “OFF” and unplug the electric and water lines coming from the campsite. Switch the refrigerator 12-volt “ON” at the outside access.
3. Fold up the stabilizing jacks.

Caution: Always release the stabilizing jacks before attempting to lower the roof. Otherwise, they may cause the lifters to bind.

4. Lower the roof

a) Unfasten the tent from over the bunk ends (on StarLite units remember snaps).
b) Unfasten the lifter covers.
c) Fold the canvas in as neatly as possible and slide in the bunks.
d) Remove and store the bunk support poles.

Note: Turn the crank on the lifter system counterclockwise. Stop every so often to tuck in the canvas. On StarLite models, it is very important to keep the canvas away from the lifters because it can possibly snag. When you stop, turn the crank clockwise two ‘clicks’.

e) Lower the roof to the body and fasten the corner roof latches. Turn the winch handle clockwise one ‘click’ to apply slight pressure on the cables.
5. If the canopy is used, remove it from the roof extrusion. Fold and store in camper.

6. Lift up and push in the door step.

**MISCELLANEOUS**

**APPLIANCES & ACCESSORIES**

Although the appliances operate much like the ones in your home, carefully read the operation and maintenance instructions. Specific instruction sheets, manuals, and warranty cards are found in the owners packet or are attached to the appliance. Complete the warranty cards, mail them as indicated, and record each unit’s model and serial number on the page provided at the end of this manual.

Open flame combustion consumes oxygen from the air. Flame burning LP units each have an outside fresh air supply; except for the range. **DO NOT use the range to heat your camper.**

**WARNING:** Laws in some states prohibit the operation of any gas appliance while in motion because of the danger of fire or explosion if an LP gas line under pressure happens to be ruptured in an accident.

**FURNACE**
The efficient furnace has been designed to provide dependable comfort throughout your unit and ensures draft free warmth in every corner. Check the inlet/exhaust port outside to be sure it is free and clear.

The thermostat turns on and controls the furnace. Check the instructions inside the front of the furnace. Open the LP bottle service valve and the main gas valve on the furnace and set the thermostat.

**CONSULT THE FURNACE MANUFACTURER’S INSTRUCTION SHEET PROVIDED FOR IMPORTANT OPERATING INFORMATION.**

**WATER HEATER**
The fast recovery gas fired heater provides a constant hot water supply. Instructions are mounted in the control compartment, accessible from the outside.

**Note:** New chamber coatings may give off a slight odor the first few hours of use. Further information is given under “WATER SYSTEM”.

**REFRIGERATOR/ICE BOX**
Three types of refrigerators are offered, depending on the camper model: 12-volt/110-volt, 12-volt/LP gas, or 12-volt/110-volt/LP gas. The mode switch is accessible through the refrigerator access door on the outside of your unit. Note that the refrigerator must be plugged in to operate. **CONSULT THE MANUFACTURER’S INSTRUCTION SHEET PROVIDED FOR IMPORTANT OPERATING INFORMATION.**

The instruction sheet gives starting up details, operation changes and also defrosting information.

**Note:** Reduce the cooling load as follows:

1. **Cool the unit the night before departure.**
2. **Freeze or pre-cool the items you can.**
3. **Park your trailer in the shade.**

After each trip, empty and clean the ice box or refrigerator. Use warm, soapy water (dish soap) and wipe dry. Prop the door open when the unit is not used. **DO NOT use abrasive cleaners or scratch the interior surfaces.**

Be sure the drain hose is attached to the ice tray, inserted through the floor, and not plugged or kinked.

**AIRC ConDITIoNeR**
The air conditioner has been manufactured to provide dependable cooling in the warm months, as well as heating comfort with the additional heat package.

**CONSULT THE AIR CONDITIONER MANUFACTURER’S OWNER’S MANUAL PROVIDED FOR IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS.**
FIRE SAFETY

Make certain everyone in your party is familiar with the emergency features of your trailer, location of exits, and location and operation of the fire extinguisher.

CAMPER EMERGENCY EXIT
Your unit has emergency exits located on the roadside of the camper. They are distinguished by a large red tag attached to the zippers and are pulled up to provide an opening to exit the camper quickly.

Prevention is the best form of safety. Follow the same rules you would at home:

1. Follow the LP gas system instructions carefully and perform the periodic maintenance suggestions.
2. DO NOT smoke in bed.
3. DO NOT overload electrical wiring.
4. DO NOT use matches, candles, or lighters as flashlights.
5. DO NOT store flammable liquids inside the camper.
6. DO NOT permit children to play with the LP gas or electrical appliances.

If a fire does start, get all people outside. Use the fire extinguisher. If the fire cannot be extinguished quickly, GET OUT! Close the LP gas service valve and call the fire department. DO NOT re-enter the unit until officials declare it safe.

Replace a used fire extinguisher as soon as possible.

ROUTINE MAINTENANCE

Keeping a clean, well-maintained unit will result in many years of camping fun. By following the exterior and interior cleaning suggestions, you can eliminate problems caused by a poorly maintained unit. A poorly maintained unit can also result in the voiding of your warranty should you have a claim, as will negligence, misuse, or installation of equipment not authorized by Starcraft R.V. Manuals are supplied with your appliances and should be read thoroughly.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>STANDARD CARE</th>
<th>AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appliances</td>
<td>Clean with hot, soapy water.</td>
<td>Abrasives.</td>
</tr>
<tr>
<td>Countertops</td>
<td>Clean with hot, soapy water.</td>
<td>When hot.</td>
</tr>
<tr>
<td>Sink</td>
<td>Use appropriate cleaners.</td>
<td>Abrasives.</td>
</tr>
<tr>
<td>Stove</td>
<td>Use appropriate cleaners.</td>
<td></td>
</tr>
<tr>
<td>Refrigerator</td>
<td>Remove food and ice after each trip.</td>
<td></td>
</tr>
<tr>
<td>Upholstery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fabric</td>
<td>Foam type cleaners or hand wash w/warm soapy water.</td>
<td></td>
</tr>
<tr>
<td>Vinyl</td>
<td>Vinyl cleaner.</td>
<td></td>
</tr>
<tr>
<td>Drapes</td>
<td>Drapes with foam backing must be hand washed using a mild detergent and dried dry.</td>
<td></td>
</tr>
<tr>
<td>Vinyl Floor Covering</td>
<td>Use detergent soap and water, rinse well, and follow with a clear paste wax or equivalent to obtain best results.</td>
<td></td>
</tr>
<tr>
<td>Woodwork</td>
<td>Use household furniture wax or polish. Cover scuffs and scratches with a wax and stain mixture or matching putty stick.</td>
<td>Use of water, harsh cleaners, alcohol, or petroleum base solvents.</td>
</tr>
<tr>
<td>Pre-finished</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stained</td>
<td>Sand and restate as required.</td>
<td>Use of water.</td>
</tr>
<tr>
<td>Bed Slides</td>
<td>Periodic lubrication with a silicone lubricant will enhance the ease of operation and prolong track life.</td>
<td>Getting excess lubricant on surrounding canvas and upholstery, as it could produce stains.</td>
</tr>
</tbody>
</table>

MAINTENANCE

Frame, Running Gear
Check at least every 1000 miles (or twice a season). Rinse with water after salt or chemical contact.

Tires
Inflation.

Rims & Hubs

16
<table>
<thead>
<tr>
<th>MAINTENANCE (CONT.)</th>
<th>STANDARD CARE</th>
<th>AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Bolts</td>
<td>Torque to 70 - 80 ft.-lbs. Check torque every 25, 100, and 500 miles thereafter.</td>
<td>Oil.</td>
</tr>
<tr>
<td>Wheel Bearings</td>
<td>Lubrication. Obtain new cotter pins and repack with good wheel bearing grease as necessary.</td>
<td>Overfilling bottles, refilling with the engine running or near flame.</td>
</tr>
<tr>
<td>Brakes</td>
<td>Check linings or adjust if needed.</td>
<td>Allowing water to stand in tank after a trip.</td>
</tr>
<tr>
<td>Dolly Wheel Jack</td>
<td>Coat lightly with axle grease.</td>
<td>Too much pressure. Hooking up to an unfamiliar city water connection without first checking whether a pressure reducing coupler is required. It must not be over 60 PSI.</td>
</tr>
<tr>
<td>Coupler</td>
<td>Wheel bearing grease on the release lever and socket.</td>
<td></td>
</tr>
<tr>
<td>Ball</td>
<td>Commercial lubricant or soap.</td>
<td></td>
</tr>
<tr>
<td>LP Gas</td>
<td>Check all lines for crimps or damage. Check for leaks with soapy water. Pressure regulator line pressure is 11 inches of water column. Paint LP bottles as necessary.</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>Check all hoses, fittings, and connections for signs of leakage.</td>
<td></td>
</tr>
<tr>
<td>Tank Discharge Filter</td>
<td>Checked and cleaned. Sanitize water system when needed.</td>
<td></td>
</tr>
<tr>
<td>Hand Pump</td>
<td>If not operating satisfactorily, check the following items in the sequence listed: a) City water fill plug must be screwed in securely. If loose, pump will lose suction and will not draw water from the tank, b) Check seals in hand pump. These are available in kit form, should replacement be necessary. Examine wires and ground.</td>
<td>Dangling wires. Overfilling or low liquid level below plates. Not replacing after use. Prolonged contact with the ground. Abrasives. Washing or waxing in hot sun.</td>
</tr>
<tr>
<td>Auxiliary Battery</td>
<td>Be sure it is charged. Check pressure monthly and note on inspection tag.</td>
<td></td>
</tr>
<tr>
<td>Fire Extinguisher</td>
<td>Check wires and insulation.</td>
<td></td>
</tr>
<tr>
<td>Pigtail or Connector</td>
<td>Use warm, soapy water (mild detergent) and a soft bristled brush. Wax with a non-abrasive liquid or paste wax.</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>Lubricate with graphite.</td>
<td></td>
</tr>
<tr>
<td>Locks</td>
<td>Semi-annual maintenance (Spring &amp; Fall).</td>
<td></td>
</tr>
<tr>
<td>Roof</td>
<td>Check for gaps and recaulk if necessary using a urethane sealer. A similar procedure should be followed for the roof vent and screws.</td>
<td></td>
</tr>
<tr>
<td>Seams</td>
<td>All should be waxed with a good non-abrasive liquid or paste wax to help preserve the finish and avoid pitting.</td>
<td></td>
</tr>
<tr>
<td>Extrusions</td>
<td>Due to the function of this system we recommend the following steps be taken twice each year:</td>
<td></td>
</tr>
<tr>
<td>Lifter System</td>
<td>Lubricate with a good grade of light oil and check pulleys for freedom of movement.</td>
<td>Oil or graphite used on internal portion of lifter system may attract dirt build-up whereas silicone will not. Excess lubricant on surrounding canvas and upholstery can produce stains.</td>
</tr>
<tr>
<td>Exterior Cables and Pulleys</td>
<td>Use a silicone lubricant to minimize friction.</td>
<td></td>
</tr>
</tbody>
</table>
Winch
Lube gears and drive shaft with dry graphite.

Canvas
Clean using a soft bristled brush and scrub with warm, soapy water and a mild detergent. Rinse thoroughly with cool water and allow to dry. Check for leaks; if repellency has been affected, apply a thin coat of water repellent solution that is compatible with fire retardant canvas (check label) and work it into canvas with a dry brush.

White Vinyl
Use warm soapy water with mild detergent containing a trace of bleach and scrub using a soft bristled brush. Rinse thoroughly with cool water and wipe dry. Stubborn stains may be removed with automobile convertible top cleaner, following manufacturer’s instructions. Leaky seams and small cuts can be repaired by patching with vinyl ink, available through your Starcraft dealer.

Air Conditioner
Clean evaporator and condenser coils, filter, and pan. Cover outside of conditioner when not in use.

Closing camper while canvas is wet. If unavoidable, raise roof and allow canvas to dry at the earliest opportunity.

Napthene, kerosene, gasoline, lighter fluid, carbon tetrachloride and abrasive cleaners.

Do not allow dew or rain to be dried by the sun. Moisture combined with dust will result in staining.

Low voltage.

COLD WEATHER USE

If the camper is to be used during the winter months, several precautions must be taken:

1. Do not use the stove for comfort heating. Asphyxiation could result.
2. Use a non-toxic antifreeze solution in the water system.
3. Do not attempt to raise the roof when the temperature is below 20 degrees F without preheating the interior. The vinyl windows or bunk ends may crack. Move into a warm area and thoroughly let warm, inside and out.
4. Do not use butane in your LP system. It will not vaporize below 32 degrees F. Propane will continue to vaporize to 44 degrees F below zero. Note that heating consumes LP gas rapidly; so monitor the supply closely.
5. When cooking, keep the vent and/or window open to prevent condensation build-up and possible asphyxiation.
6. When camping in cold weather, cross ventilation helps stop water from forming on the canvas, keeping the beds dry.

STORAGE

Caution: Open the camper every 2 months and inspect its general condition.

If instead of using your camper during the winter months you must store it, follow these steps:

1. Clean it out thoroughly. Remove all perishable or usable food and medicine. Wipe the refrigerator out with a damp cloth and soda and leave the door propped open. Vacuum the upholstery and remove all the stains. Clean the floor. Remove draperies and clean and store them inside the unit.
2. Shut off the LP gas outlet valve at the tanks.
3. Level the unit for good drainage. Open all the faucets and the drain valve on the water heater. Remove the drain cap to empty the pipes and reinstall the cap. Close all the faucets and drains. Refer to the toilet manufacturer’s instructions.
4. Pour about 1/2 cup of a recommended plastic pipe antifreeze or one of the solutions listed below into the sinks and shower to prevent freezing in the traps.

WARNING: Automotive, radiator, or windshield washer antifreeze could be fatal if swallowed. Use only these types of antifreeze.

a) 60% Glycerol, by weight in water, undiluted.
b) 22% Magnesium Chloride, by weight in water, undiluted.
5. Squirt graphite lubricant into all door locks and apply lubricant to the door hinges.
6. If possible, block the trailer up enough to relieve the tires of most of the weight, but don’t remove all the weight from them. Decrease the tire pressure to about 14 PSI. Remove and store the hub caps (if so equipped). DO NOT USE THE StABILIZER JACKS TO LIFT THE UNIT!
7. Check the charge of the battery regularly. Remove and store it in the basement or garage to prevent freezing.

8. Complete lubrication of the winch lifter system and cable, as described in the ROUTINE MAINTENANCE section, should be completed before long periods of storage to prevent rust or corrosion from damaging moving parts.

9. Remove canvas and cushions and store inside home.

10. Wax trailer with an automobile wax.

11. If the trailer is covered with plastic or canvas, the door and/or roof vent should be opened to provide adequate ventilation so that moisture will evaporate.

12. Sweep snow off the roof as soon as possible. DO NOT allow snow to accumulate because the weight, in addition to freezing and thawing, may damage the roof seam. Damage due to such a condition will not be covered under warranty.

Note: If at all possible, we recommend storing the unit inside.

WARRANTY REPAIRS

Your new unit is the result of Starcraft's dedication to provide a product that will assure years of camping enjoyment. This dedication is extended through the design, engineering, and manufacturing as well as customer service and repairs. Should a problem develop with your new Starcraft as a result of workmanship or materials; we want it corrected and back in service just as much and just as quickly as you do.

The first place to seek correction of a warranty problem is always at the dealership where you bought the trailer. There is a network of dealers across the United States and Canada who are authorized to perform warranty repair work.

In the event a serious problem requires servicing and/or repairs beyond the facilities of the dealership, consult your directory and map on the back of this manual for factory direct locations.

For prompt, efficient service, please use your Owner Protection Service Identification Card at the Starcraft servicing dealer or facility where the repairs are being made.

Keeping the respect and satisfaction of our customers is most important at Starcraft.

We are proud of the quality of our dealers and they can handle just about any problem that might come up with your unit. If you find, after going to the dealer, that you do not receive satisfaction, you may write:

Starcraft R.V. Service Department
West Michigan Street
Topeka, IN 46571
PREPARATION CHART

This general suggestion list may be helpful as you determine your own personal requirements. Consider the items you want to store in the trailer. Also check the items normally carried in the car. Important loading information is contained in the LOAD LIMITS and WEIGHT DISTRIBUTION sections of this manual after you have determined what items to load and of these what may be permanently stored. Traveling as light as possible provides better fuel economy.

<table>
<thead>
<tr>
<th>GROUP</th>
<th>TRAILER</th>
<th>WEIGHT</th>
<th>TOW VEHICLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Antiseptic, gauze</td>
<td></td>
<td>First aid kit</td>
</tr>
<tr>
<td>Emergency</td>
<td>Dry, sealed matches, saw, hatchet, axe &amp; shovel, portable lights, fuses</td>
<td>Fire extinguisher, flares, reflectors, extra keys, towline</td>
<td></td>
</tr>
<tr>
<td>Documents</td>
<td>Registration or authorization, owners manual &amp; packet</td>
<td>Insurance policy card, pass ports, permits, maps</td>
<td></td>
</tr>
<tr>
<td>Tools</td>
<td>Level, scissors, jack, jack stand, 13/16&quot; socket or lug wrench, checks, step ramp, square head screwdriver</td>
<td>Pliers, hammer, tire gauge, lug wrench, jack, flashlight, wood blocks</td>
<td></td>
</tr>
<tr>
<td>Systems</td>
<td>Extension cord for 30 amp, water hose - black for drain, white for fresh water</td>
<td>Electrical tape</td>
<td></td>
</tr>
<tr>
<td>Cleaning</td>
<td>Handsoap, detergent, toilet, pre-wets, paper towels, washcloths, towels, trash bags</td>
<td>Rags, litter bag</td>
<td></td>
</tr>
<tr>
<td>Clothes</td>
<td>Hats, gloves, boots, old clothes</td>
<td></td>
<td>Extra jackets</td>
</tr>
<tr>
<td>Sleeping</td>
<td>Sleeping bags, blankets, sheets</td>
<td></td>
<td>Pillows</td>
</tr>
<tr>
<td>Meals</td>
<td>Can &amp; bottle openers, seasoning, ice, plastic dishes</td>
<td></td>
<td>Vacuum bottle</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>Radio, camera, fire wood</td>
<td></td>
<td>Compass, insect repellant, playing cards, magazines</td>
</tr>
<tr>
<td>Your own reminders</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ITEMS TO TAKE ALONG

<table>
<thead>
<tr>
<th>GROUP</th>
<th>ITEMS</th>
<th>TRAILER STORAGE</th>
<th>CAR STORAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clothes</td>
<td>Undergarments, warm and cold weather clothing, rainwear</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Tools &amp; Safety Items</td>
<td>Carry a tool box either in your camper or towing vehicle. We recommend the following tools be included: Pliers, hammer, wrench assortment, screwdrivers plus square head screwdriver, ratchet file, wire cutters, carpenters level, plus a tire pressure gauge. In addition, a scissors or hydraulic jack, a 13/16&quot; socket with a 1/2&quot; breaker bar and a jack stand should be carried for changing tires. Also an extra set of keys, matches, flares, flashlight, first aid kit, hatchet or axe and shovel.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Systems</td>
<td>White hose for fresh water, black hose for drain. Extension cord w/adapter and a closed container for sink drain.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Meals</td>
<td>Can and bottle opener, seasonings, nonbreakable cups and plates, pots, pans, and napkins.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Cleaning Supplies (people &amp; unit)</td>
<td>Dish soap, bar soap, toothpaste and brushes, paper towels and toilet paper, towels and rags, and a trash container.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Sleeping Gear</td>
<td>Pillows, blankets, sheets, and sleeping bags.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>Camper registration, playing cards, magazines, etc.</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
**STARCRAFT CAMPER CLUB**

The Starcraft Camper Club consists of members from coast to coast who enjoy organized recreational vehicle activity. As a member, you'll be attending several camping events each year, organized by your state chapter and International Office. And each July, you can spend a week at the Starcraft International Camper Club Rally - an event that attracts hundreds of Starcraft families from all over North America. If that's not enough to convince you here are more reasons why you should join:

- Friendship rallies
- Regional rallies
- Yearly International Rally
- Club camping with other Starcraft members
- New membership kit & membership plaque
- Chatter newspaper
- Clothing & accessories
- Discounts on atlas, campground guides and magazines

If you'd like to receive more information on the Starcraft Camper Club, simply send a post card to:

**Director**  
PO Box 913  
Mishawaka, IN 46544

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**SERIAL NUMBER IDENTIFICATION FORM**

The following information will be necessary if one of your appliances requires warranty service. Fill in the available information as soon as possible.

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>MAKE</th>
<th>MODEL NUMBER</th>
<th>SERIAL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camping Trailer</td>
<td><strong>STARCAST - STARMASTER</strong></td>
<td>10924</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>THEODORE BARKERMAN CO</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Door Key</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furnace</td>
<td><strong>TRAV'LER - ELPIR II</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Range</td>
<td><strong>DOMETIC</strong></td>
<td>BM 190</td>
<td></td>
</tr>
<tr>
<td>Refrigerator/Ice Box</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Heater</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SERVICE INFORMATION CENTERS

A. STARCREAFT RECREATIONAL PRODUCTS LTD.
P.O. Box 973
201 Tremaine Ave.
Listowel, Ontario, Canada N4W3G9
Phone: (519) 291-1391 - All Canada

B. STARCREAFT R.V.
P.O. Box 338
West Michigan St.
Topeka, IN 46571
Phone: (219) 695-2550

C. STARCREAFT R.V.
1190 Orange Ave.
Corcoran, CA 93210
Phone: (209) 992-2177

D. STARCREAFT R.V.
Box 277
Delhi, LA 71232
Phone: (318) 878-2433

Specifications were correct at the time of printing. As part of our continuing policy of product improvement, we reserve the right to make product and supplier changes without incurring any obligation to alter existing units.

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WEST MICHIGAN ST., TOPEKA, IN 46571
Printed in U.S.A.

Part #: 37212922