

# ***MICRO-LITE TRAILER MANUFACTURING, LLC.***

25745 Woodlawn Avenue Elkhart, IN 46514 574-264-3067 www.microlitetrailer.com

## **CAR-GO LITE: OWNER'S MANUAL 2011 MODEL YEAR**

REV: 07/01/10

Thank you for purchasing the new CAR-GO LITE from Micro-Lite Trailer Manufacturing, LLC. The CAR-GO LITE has been designed for sub compact cars and small SUVs. ALWAYS follow your vehicle's towing and loading guidelines and NEVER exceed recommended towing and loading specifications.

PLEASE READ THIS BRIEF MANUAL FULLY AND REFER TO IT FREQUENTLY!!

FAILURE TO FOLLOW THESE SIMPLE DIRECTIONS WILL RESULT IN DAMAGE TO THE TRAILER, THE TOW VEHICLE, AND/OR PHYSICAL HARM, INJURY, OR DEATH!!

### **\*\*\*SECURING TRAILER TO TOW VEHICLE\*\*\***

- ***THE COUPLER***

The CAR-GO LITE is equipped with a 2" coupler. YOU MUST USE A 2" BALL!! Once the coupler is properly attached to the vehicle's 2" tow ball, secure the coupler latch by pushing it down. A coupler latch pin should be used to prevent accidental release of the coupler latch.



DO NOT USE A 1 7/8" BALL OR A 2 5/16" BALL!!

- ***SAFETY CHAINS***

The CAR-GO LITE is equipped with a double ended safety chain. These chains must be attached to the tow vehicle before attempting to tow. The chains should be slack enough to allow for turning, but they should not drag the ground. If they drag the ground, remove the chains from the tow vehicle. Individually twist the chains to remove some slack from them and then reattach the chains. Repeat this process until the chains are properly adjusted.



DO NOT REMOVE LINKS AND/OR SHORTEN THE SAFETY CHAINS!!

**PAGE #1 *ABSOLUTELY NO RIDERS!!* PAGE #1**

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- ***TONGUE JACK***

The CAR-GO LITE is equipped with a wheeled tongue jack. This jack must be stowed before you attempt to tow. If the jack is in the down position, simply pull the release handle out and rotate the jack. Make sure the release handle snaps back into the locked position.



**DO NOT TOW WITH THE JACK DOWN!!**

- ***FLAT 4 TRAILER WIRING AND 2 WAY WIRING***

The CAR-GO LITE is equipped with a FLAT 4 trailer wiring harness. This must be plugged into the tow vehicle's wiring. This wiring controls the trailer's turn signals, brake lights, marker lights, and license plate light. Once all the wiring is attached, all the lights must be checked. This wiring is only for the required exterior trailer lights. This wiring system is completely independent of the auxiliary 12 volt system that controls the dome lights, entry lights, and vent fan.

**DO NOT WIRE THESE TWO 12 VOLT SYSTEMS TOGETHER!!  
DO NOT TOW WITHOUT CHECKING ALL LIGHTS!!**

### ***\*\*\*FEATURES OF THE CAR-GO LITE\*\*\****

- ***ALUMINUM CONSTRUCTION***

The CAR-GO LITE trailer is constructed of 2" x 2" tube aluminum. The structure is lightweight, durable and rust resistant. Every joint and seam is jig welded for added strength. The camping POD is constructed of 1" x 1" aluminum tube frame and wrapped and trimmed in aluminum. This trailer is built light and tough. Care for this trailer like your vehicle; warm soapy water is all that is needed to keep the CAR-GO LITE looking great.

- ***INTERIOR SURFACES***

The interior of the CAR-GO LITE is finished in a vinyl laminated décor board. The floor is tongue and groove aluminum plank. It's built rugged and is ready for you and your outdoor lifestyle. It's non-staining, waterproof, and easy to clean with warm soapy water.

- ***ENTRY DOORS***

The CAR-GO LITE is equipped with two genuine trailer doors. These doors are heavy duty; and double duty. Each door has a two stage locking system for added security when you're gone. The screen doors let in fresh air and light while keeping out bugs. To prevent damage to the doors they must be securely closed and locked before towing and/or during high winds. The large entry window gives plenty of light. The doors are skinned in fiberglass and can be kept clean with warm soapy water.

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- ***POD 12 VOLT WIRING***

The CAR-GO LITE camping POD is equipped with an auxiliary 12 volt system. This system controls the interior dome lights, the porch/entry door lights, and the roof vent. To prevent damage to the roof vent it must be lowered before towing and/or during high winds. There is a 12 volt plug in the trunk area of the POD that can be hooked to a "jump pack". Do not attempt to install an automotive type battery in the POD. The POD is not properly vented for a battery.

**DO NOT TOW WITH THE AUX 12 VOLT SYSTEM IN OPERATION!!  
DO NOT TOW WITHOUT LOWERING THE ROOF VENT!!**

- ***REAR CARGO DOOR***

The CAR-GO LITE is equipped with a hinged rear ramp door. When opening the door, stand to the side and allow the door to fully open. To prevent damage to the door it must be raised and securely latched before towing and/or during high winds. To prevent leaks, make sure the hatch is sealing tightly against the black bulb seal.

**DO NOT ATTEMPT TO TOW WITHOUT RAISING AND SECURING THE RAMP DOOR!!  
DO NOT LOAD OR UNLOAD USING THE RAMP DOOR IF TRAILER IS NOT SECURED TO THE TOW VEHICLE!!**

- ***ATP FENDERS, CARGO BOXES, AND RUNNING BOARDS***

The CAR-GO LITE is equipped with roll formed Flat Top ATP (Aluminum Tread Plate) fenders and cargo boxes. Do not use the fenders and/or cargo boxes as seats or steps. When the CAR-GO LITE is equipped with battery prep the cargo box on the driver's side will have RED power wire lead and a battery tray installed. Both cargo boxes have removable lids to allow larger items to fit in. Keep in mind that these boxes ARE NOT WATERPROOF and are not designed to be. The running boards are sturdy and can be used to help reach the optional roof rack...DO NOT EXCEED 150 pounds of even weight on the boards. The boards ARE NOT fastened to the fenders or directly to the side of the trailer to allow rain and debris to run off the boards.

**DO NOT USE THE FENDERS AS STEPS OR SEATS!!**

- ***HIGH INTENSITY LED TRAILER LIGHTING***

The CAR-GO LITE is equipped with the finest high intensity LED lighting. This lighting produces a brilliant glow making the CAR-GO LITE easily visible and very distinctive. Check your lighting every time you tow. Do not attempt to open the sealed light housing. These lights are design to provide 1000s of hours of use and have no serviceable or replaceable parts.

**DO NOT TOW WITHOUT CHECKING ALL LIGHTS!!**

- ***WHEELS AND TIRES***

The CAR-GO LITE is equipped with a wide low profile wheel and tire. This will give you a firm grip on the road and a safe, comfortable tow. Keep the wheels and tires clean with warm soapy water. Inspect the wheels and tires for any signs of wear before each tow. Check the tires for proper inflation and all lug nuts for proper torque before each tow.

**DO NOT ATTEMPT TO TOW WITHOUT INSPECTING THE WHEEL AND TIRE SET!!**

- ***RUBBER TORSION AXLE WITH E-Z LUBE HUBS***

The CAR-GO LITE is equipped with a custom made rubber torsion axle. Do not attempt to adjust or modify the axle. Do not cut, weld, or bolt to the axle. The E-Z lube grease zerks are located under the dust caps at each axle end. The hubs should be checked and greased before each tow.

CONSULT OUR WEBSITE [WWW.MICROLITETRAILER.COM](http://WWW.MICROLITETRAILER.COM) or  
[WWW.AXISPRODUCTS.COM](http://WWW.AXISPRODUCTS.COM) FOR ADDITIONAL INFORMATION AND MAINTENANCE  
MANUALS!!

**DO NOT TOW WITHOUT INSPECTING AND LUBING THE AXLE HUBS!!**

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### **\*\*\*A FINAL INSPECTION BEFORE TOWING\*\*\***

1. Coupler secured to a properly sized hitch ball (2").
2. Safety chains properly attached and secured to trailer and tow vehicle.
3. Tongue jack stowed and secured.
4. Trailer ramp door raised and secured.
5. Trailer flat four wiring connected and all trailer lights are working.
6. Entry doors should be securely shut and locked.
7. The roof vent should be closed.
8. Trailer tires should be checked for proper inflation.
9. Trailer wheel lug nuts should be checked.
10. All gear stowed and secured.

## ***11. ABSOLUTELY NO RIDERS!!***

You are now ready to enjoy your CAR-GO LITE camping POD!!

ALWAYS follow your vehicle's towing and loading guidelines and NEVER exceed recommended towing and loading specifications.

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### **SUPPLEMENT FOR OPTIONAL EQUIPMENT**

#### **\*\*\*110V AND 12V SHORE POWER SYSTEM\*\*\***

Some CAR-GO LITE camping PODs come with a 110v/12v shore power system installed in them. This system allows the CAR-GO LITE camping POD to be plugged into a 110v/15amp power supply from a house, campground or generator. When the CAR-GO LITE camping POD is plugged in the interior lights, vent fan, entry lights, and outlets become active. The trailer lights (marker lights, brakes) DO NOT work off of this system.

#### **FOLLOW THESE INSTRUCTIONS TO ENJOY THIS SYSTEM**

1. On the curb side of the CAR-GO LITE camping POD locate the motor base plug. This plug is protected from the elements under a weather cover. It is a 30 AMP MALE plug. A standard 30 amp Twist Lock RV cord will plug into this outlet or an adapter with a 12 gauge exterior grade extension cord can be used to plug into a standard 110 volt outlet.
2. Inside the CAR-GO LITE camping POD locate the power center cover. It is located at the front of the trailer on the passenger side.
  - a. The front cover simply flips down.
  - b. Inside this cover are four standard circuit breakers and five automotive type blade fuses.
  - c. The 1<sup>st</sup> 20 amp breaker is the main 110 volt power in. Flip this breaker to the ON position to energize the 110 volt system.
  - d. The next 15 amp breaker controls the 12 volt portion of the power system. Flip this breaker to the ON position to energize the 12 volt system.
    - 30 amp breaker
    - BLUE Circuit: fused as needed typically reserved for units equipped with an entertainment system.
    - YELLOW Circuit: 10 amp fuse typically reserved for interior/exterior lights and power fan
    - GREEN Circuit: 10 amp fuse typically reserved for 12 volt outlets
    - RED Circuit: 10-15 amp fuse typically reserved for 12 auxiliary and battery charge
  - e. The last two 15 amp breakers control the interior and exterior GFCI 110v outlets.
    - Front shelf outlet and optional Air Conditioner outlet Non-GFCI
    - Rear interior and exterior outlets GFCI
3. DO NOT OVERLOAD THIS SYSTEM

#### **\*\*\*SPARE TIRE\*\*\***

Some CAR-GO LITE camping PODs come equipped with a full sized spare mounted to the tongue. Before leaving on a trip MAKE SURE to have the proper equipment to remove the spare from the tongue and the wheel and tire from the trailer. Also, have a jack available, many times the vehicle jack is sufficient. Before leaving on a trip make sure the spare is properly inflated and securely fastened with the 2-part mounting bracket.

#### **\*\*\*AIR CONDITIONING SYSTEM\*\*\***

Some CAR-GO LITE camping PODs come equipped with an air conditioning system. The air conditioner comes with its own manual and this manual should be thoroughly read and understood before operating the unit. When operating the unit keep all vents and filters clean and free from obstruction. This includes the side cool intake vent, the front exhaust vent and the interior air condition discharge vent and filter. Make sure the trailer is sitting level or tilted slightly to the front for proper operation and drainage of the air conditioning unit. If the air conditioning unit over-heats, discontinue use or remove front plastic exhaust vent cover.

**DO NOT OPERATE AIR CONDITIONER WITHOUT REMOVING FRONT VINYL VENT COVER!!**

