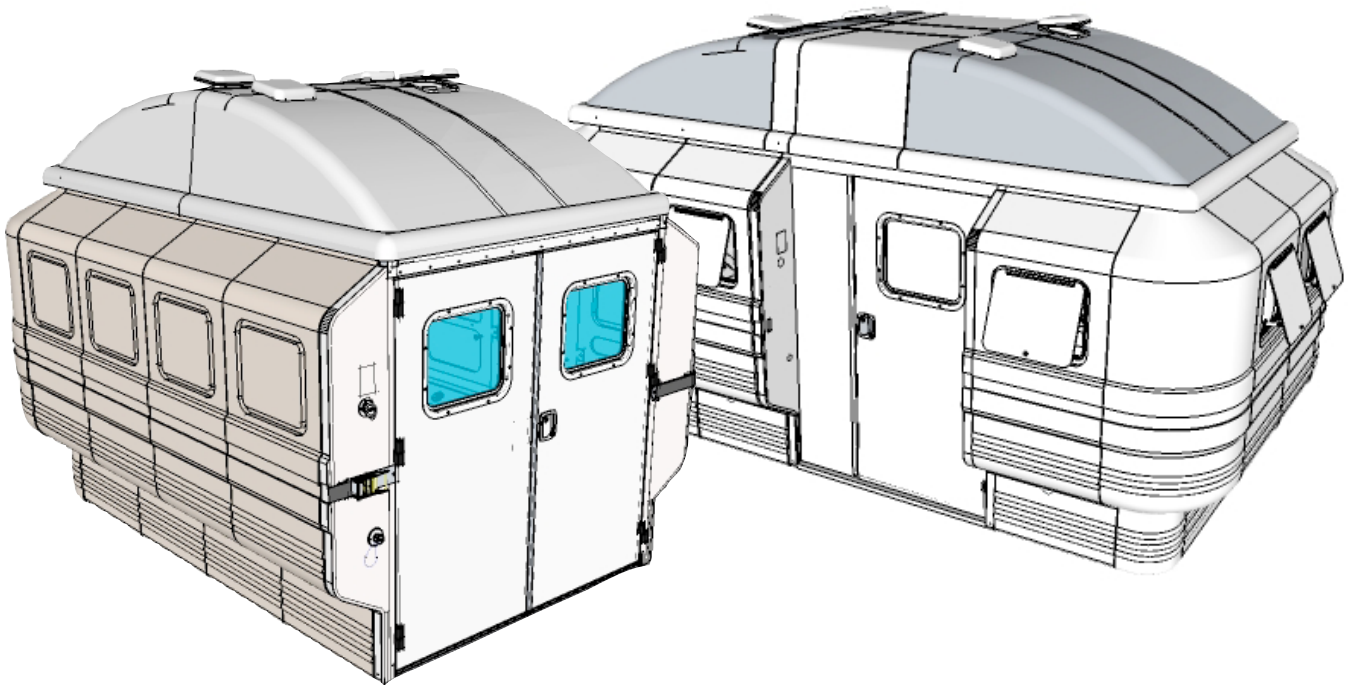




Tail Feather *Camper*

UNFOLD • ASSEMBLE • ESCAPE



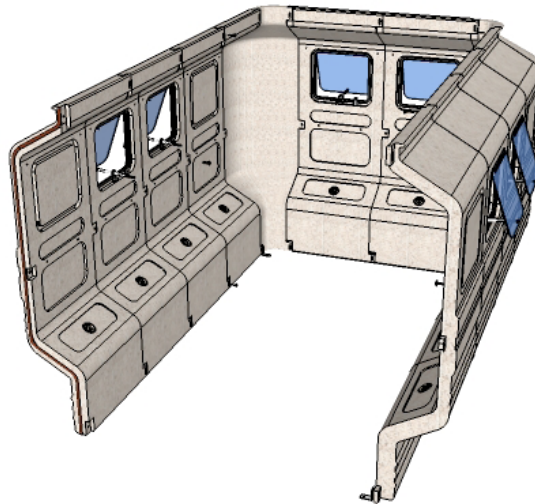
ASSEMBLY INSTRUCTIONS

Teal International Corporation
Loveland, CO
(970) 744-6568
www.tealcamper.com

1- WALL PANELS

The wall panels come in four varieties; corner panel, blank side panel, fixed window panel and operating window panel. You may put the wall panels in any configuration you wish. Keep in mind where you want your hanging cabinets. The fixed window panels are generally placed at the front of the camper.

(2 wall panels are used for the front of the 5' wide camper. A single modified wall panel is used for the front of the 4' wide camper.)



STORAGE



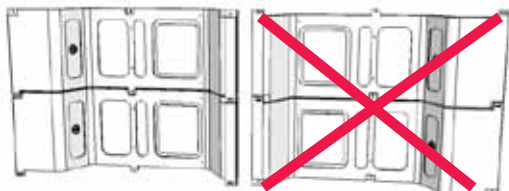
Panels nest together for storage. Always stack panels on their edge with the tab facing down to avoid damaging the seal.

PANELS STORAGE

Caution: Panels can warp if not stored properly.

Stacking

- Always stack the panels on edge with **tab down**.
- Stack up to four panels high.
- Corners can be stacked on top of side panels.
- Do not stack panel flat.



SEAL COMPRESSION

Getting the weather seal between panels to compress enough to insert the screws is the most difficult part of assembling the panels. Read the assembly steps presented here prior to assembly and follow them carefully.

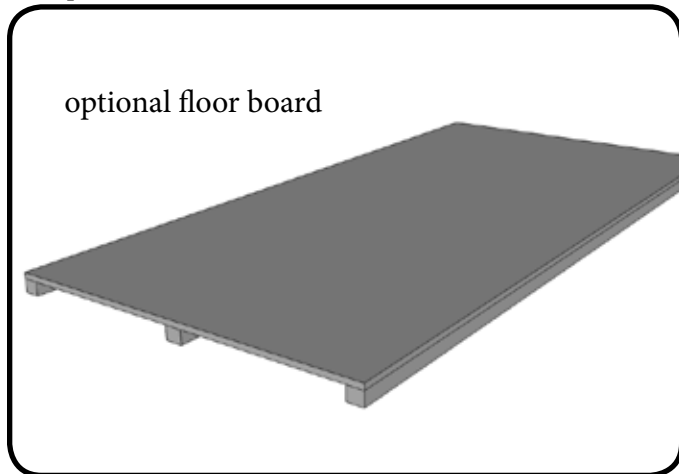
By inserting the top and bottom screws first, the seal can be compressed by squeezing the two panels together at the center. One person can do this using the proper technique. A second person helping to squeeze the panels while inserting the screws can make the job easier.

Maintaining Seals

- Keep the seals clean and free from cuts or nicks.
- Stack panels with the tab down for so the seal does not rest on the ground.
- If a seal gets damaged, it can be peeled off and replaced.
(order seals from Teal International Corporation)



Step 1-1



Prepare a floor board or trailer floor. 1/2" to 3/4" plywood or OSB is recommended. 2"x2" support runners can be used but are not necessary. Floor should be flat and stable.

Step 1-2



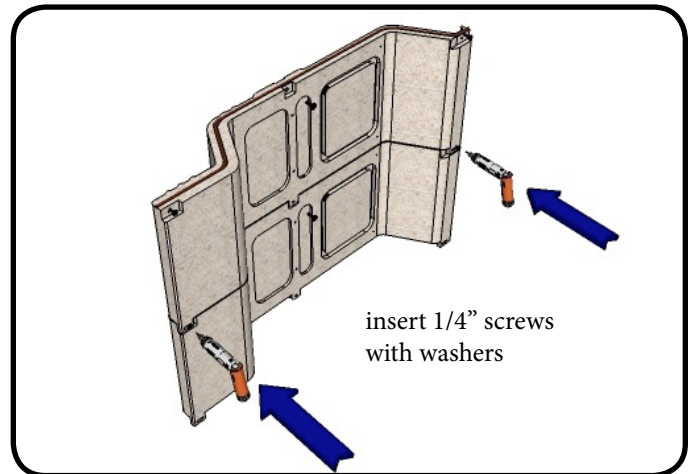
(Optional) Apply foam insulation tape (available at home improvement stores) to the floor where panels will sit. This helps prevent moisture and dust from collecting under the floor liner.

Step 1-3



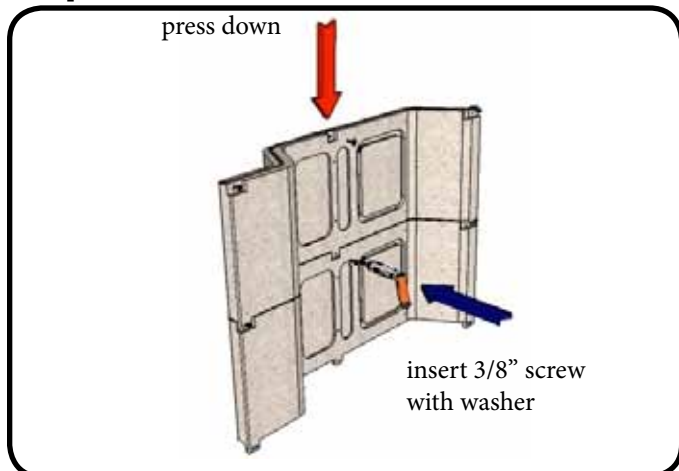
Locate the package of screws and washers for joining panels. Use the larger screw and washer for the center lug and the smaller screw and washer for top and bottom lugs. An electric screwdriver is recommended.

Step 1-4



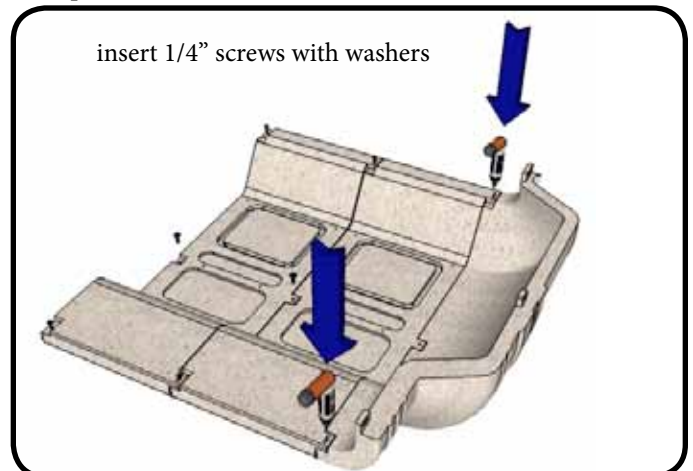
Stand a side panel on edge and stack another side panel on top. Insert the top and bottom panel 1/4" screws and washers (TIP: Swap panels if inserting screws is difficult.)

Step 1-5



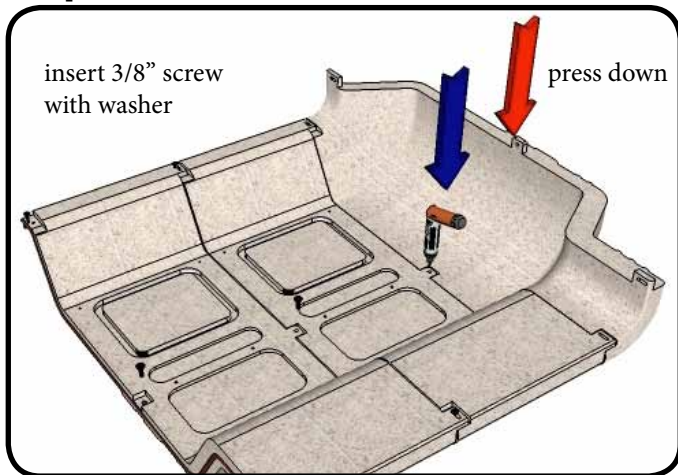
While pressing down on the center of the top panel, insert the 3/8" center screw and washer. (TIP: If you have a 4' wide unit you will be using the modified wide front panel instead of two standard side panels.)

Step 1-6



Lay the side panels flat and attach a corner panel with the top and bottom 1/4" screws and washers.

Step 1-7



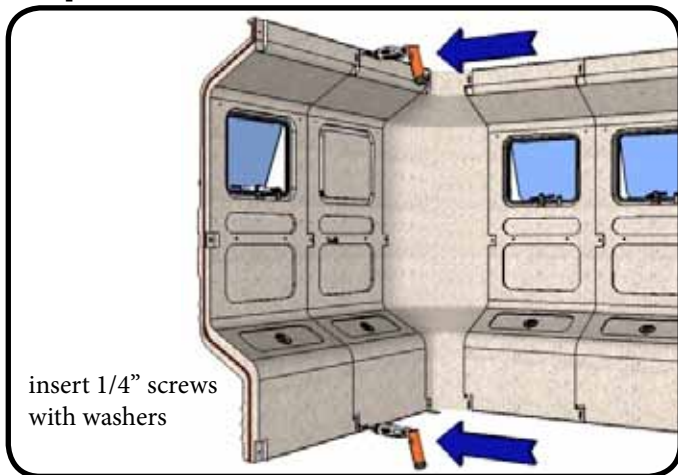
While pressing down on the edge of the corner panel to compress the seal, insert the 3/8" center screw and washer. Repeat on the other corner. (TIP: If lining up the hole is difficult, swap corners)

Step 1-8



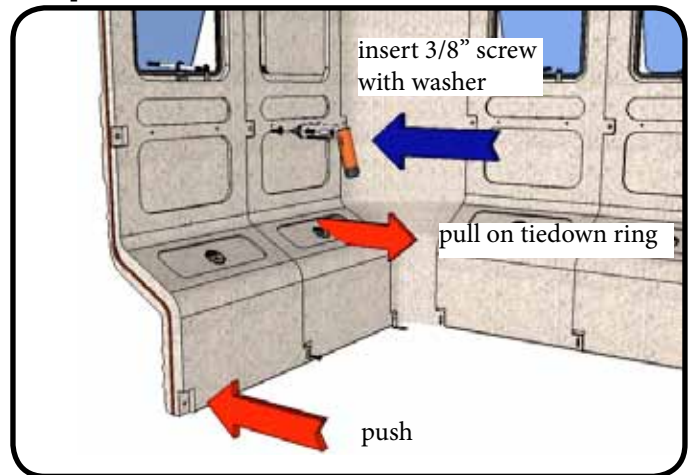
Stack a panel on each corner and insert the screws and washers as shown in Step 1-5. Once the panels are attached, set the assembly upright.

Step 1-9



To add more panels, start by inserting the top and bottom 1/4" screws and washers.

Step 1-9



To compress the seal while inserting the center 3/8" screw and washer, pull on the tiedown ring of attached panel while holding the opposite corner of the new panel stationary.

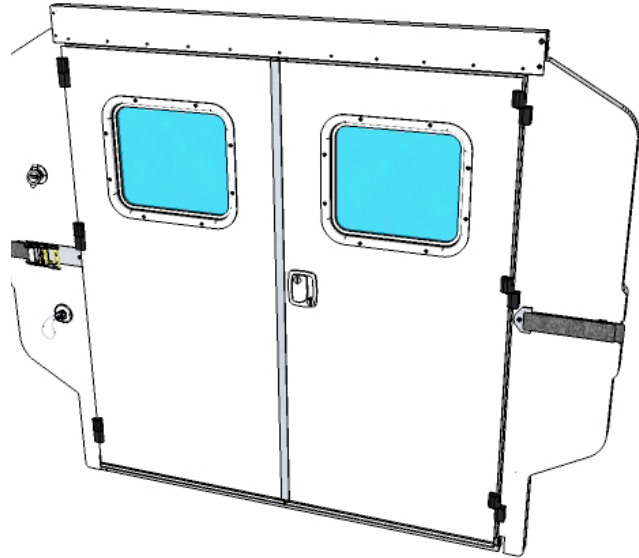
Step 1-10



Continue assembling panels in the same manner.

2 - Door Frame

The door frame is a key component for the camper and shelter. It adds critical rigidity, serves as an anchor for the assembly/safety strap, and provides a solid door mount. As with the panels, the edge seals must be compressed so it may take some pressure to get things to line up.



Step 2-1



Attach the door frame "wings" to the door frame. The vertical posts of the door frame fit snugly into the channel on the edge of the wings. (TIP: Insert the screws into the door frame first to use as a guide for alignment.)

Step 2-3



Align the door frame with the end panels. Push the door frame onto the panel tabs. (TIP: The center tab may not appear to line up, but it will pop into place with a firm push.)

Step 2-2



Tighten the four screws to draw the wing up against the door post. Make sure that the door post is fully seated in the wing channel, but do not over tighten.

Step 2-4



Looking at the door frame from outside the camper, insert the anchor screw in the upper right hand corner. Make sure the screw lines up with the slot in the side panel tab.

Step 2-5



Attach the upper left hand door frame tab to the end panel with a screw and washer.

Step 2-6



Insert a screw without washer into the hole at the bottom right hand corner of the door frame. This screw should line up with the slot in the end panel tab.

Step 2-7



Use a screw and washer to attach the bottom left hand corner of the door frame to the end panel.

Step 2-8



optional floor
bracket

Optional "L" shaped floor brackets are used to attach the walls to a floor board if the floor is intended to stay with the camper when removed from the trailer.

Step 2-9



Install the assembly/safety strap buckle to the left side of the doorframe using the bolt, spacer and wing nut supplied with the buckle. The spacer provides room for the strap to be threaded.

Step 2-10



Attach the assembly/safety strap to the right side of the door-frame using the bolt and wing nut. The angled portion of the slotted strap fitting should be facing away from the door frame.

Step 2-11



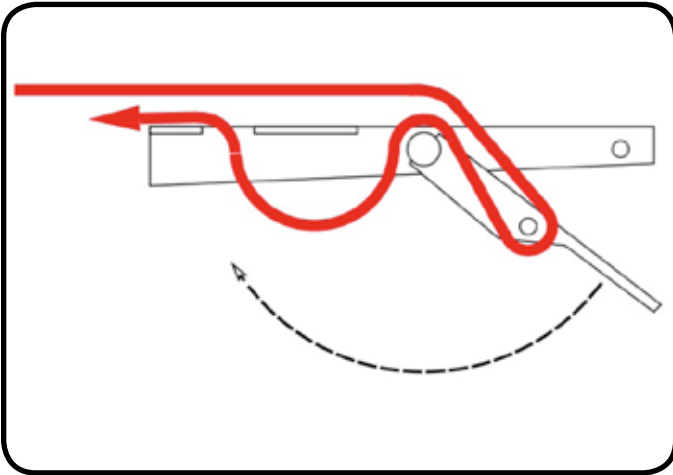
Keeping the strap taught, unroll the strap and follow the strap channel around the entire perimeter of the camper/shelter to the other side of the door frame.

Step 2-12



Thread the strap into the strap buckle as shown in the illustration below. Pull the strap tight and close the buckle. The over-the-center feature of the buckle will cinch up the belt.

Step 2-13



Use the above illustration to thread the strap into the buckle. If the strap is not threaded correctly it will not cinch up the belt or hold it firm.

Step 2-14



Roll out floor liner and attach it to the front panel screws through though the grommets provided in the liner.

Step 2-15



All the panel screws can now be tightened.
TIP: Before tightening screws, walk around the camper/shelter and pull the strap in the direction of the buckle to make sure it is uniformly tight. Re-cinch the buckle.

Step 2-15



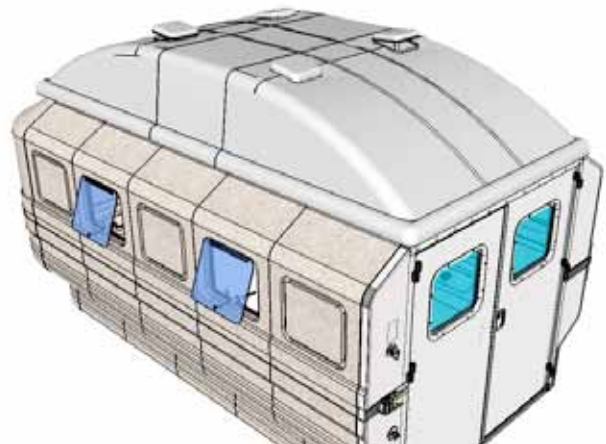
The door can now be hung by simply setting them on the hinges. They are just as easily removed. The left door has top and bottom sliding locks that anchor the door. These bolts must be in the locked position before closing the right door.

3 - Roof

The primary roof is made up of the front and back sections. These sections are usually interchangeable. An additional 21" center section is used to extend a camper. A 5" roof filler is used when assembling a camper with a side door and four corner panel configuration.

Each primary roof section contains a skylight, roof vent and ceiling light.

IMPORTANT: Always make sure that the roof is clamped down securely and the roof vents are fully closed before travelling or encountering high winds.



Step 3-1



Place a primary roof section so the flat portion of the roof lip that has the foam seal rests on top of the panels. Scoot the roof as far as it will go toward the center of the shelter.

Step 3-2



Place the other primary roof section on the opposing end of the camper/shelter. Slide both roof sections together. (See next step for longer roofs)

Step 3-3



For side door campers or longer roofs, insert the center sections that came with the kit.

Step 3-4



Use the 1/4" screws and wing nuts to join the roof flanges.

IMPORTANT: Do not over tighten! Watch the gap where the roof flange seals meet and only tighten the screws until no light shows through the gap.

Step 3-5



Roof hold-down clamps should be placed near the four corners of the roof. On longer roofs extra clamps can be placed near the center. Remove the panel screw and use the screw without a washer to attach the roof clamp.

Step 3-7



Insert the locking pin or screws with wingnuts into the roof clamps whenever travelling. This will prevent the clamp from vibrating open or the screw from backing out.

Step 3-9



Plug ceiling lights into door frame.

Step 3-6



Clip the roof clamp hasp to the clamping rail on the roof and close the clamp.

TIP: If the clamp is loose or too tight, use pliers to bend and modify the arc of the hasp.

Step 3-8



Install the roof safety clip under the top panel screw on panels where there are no roof clamps.

Step 3-10

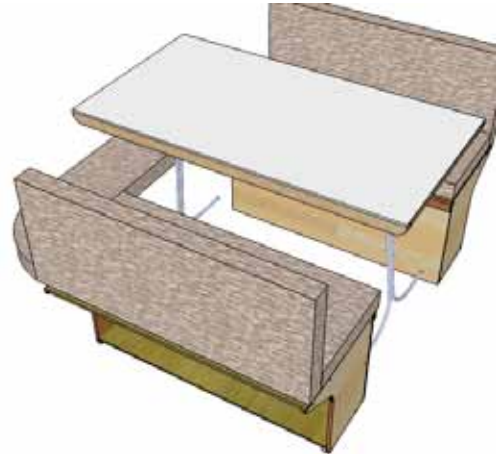


Connect the ceiling lights in each section with the joining plugs.

4 - Dinette/Bed

The Dinette set is made light, portable and quick to install or remove. The table folds and becomes the center board for the bed. An end shelf is provide for additional bed space when the table is in the bed configuration. Makes sure all components are properly secured before use.

NOTE: A safety strap is provided at the open end of the benches to insure proper spacing when the table is down in the bed position. Not attaching this strap in the bed configuration could result in the table slipping off its support and cause injury.



Step 4-1



Insert the bench legs into the holes in the bottom of the bench frame. This is a tight fit and may require some force.

Step 4-2



Position the bench seats to span the two side panels nearest the corner panels on either side of the camper/shelter. The back of the bench seat rests on the angled side of the panel.

Step 4-3



Line up the holes in the bench seat with the tiedown rings on the panel and thread the strap through the tiedown ring and insert it in the buckle provided on the bench. Pull the strap tight..

Step 4-4



Test the bench to make sure it is tightened up to the wall. Re-check straps. Some play is normal.

Step 4-5



Open the bench seat lids and place the end shelf across the end wall panels. The back of the shelf rests on the panels while the front hangers fit over the bench frame.

Step 4-6



Using the short 1/4" screws, attach the Velcro bars to side panels to hold the seat back cushions in place.

Step 4-7



Unfold the table and set it between the benches.

Step 4-8



Three support bars are supplied for converting the dinette into a bed. Place the support bars between the benches using the end brackets to hang on the bench frame.

Step 4-9



Fold the table legs, detach them from the table top and place the table top on the support bars.

Step 4-10



Arrange cushions to make the mattress for the bed.

5 - Cabinets

Tail Feather cabinets are designed to be very light weight, easy to install and fully collapsible. They come in two categories, the counter and the hanging cabinet.



Step 5-1



Hanging cabinets come in two versions, the three shelf and the wardrobe. Each installs in the same way.

Step 5-2



Unlatch the roof and raise it enough to hang the cabinet hooks over the top of the side panel. Hooks should line up with the joint in the panels.

Step 5-3



Attach the bottom strap to the tiedown ring on the side panel. Pull the strap tight for a snug fit.

Step 5-4



The side counter comes with or without sink. The sink unit should be positioned next to the electrical panel and sink drain in the door frame.

Step 5-5



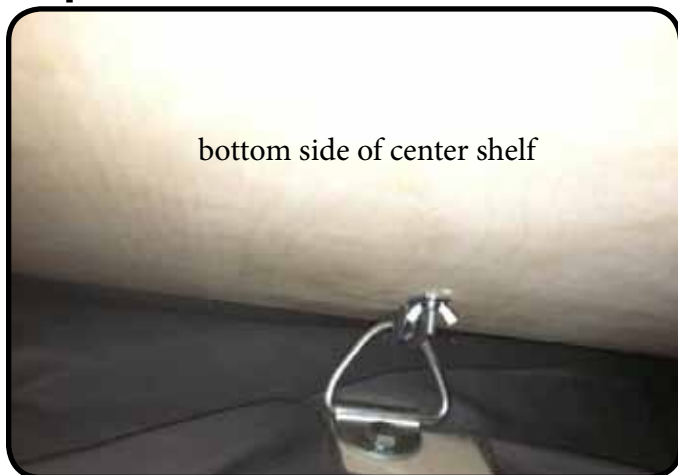
Attach the cabinet brackets to the side panel using the short 1/4" screws.

Step 5-6



Unfold the cabinet and position the center shelf in the middle of the cabinet by fitting the shelf channel over the support rod. Lower the cabinet onto the cabinet brackets.

Step 5-7



bottom side of center shelf

Place the middle shelf so the back of the shelf rests on the wall panel and the front channel fits over the shelf rod between the legs. Attach the C-clamp to the wall panel D-ring and tighten the screw while holding the wingnut.

Step 5-9



Slide the faucet handle into the faucet fixture and insert the spigot. Push down on the spigot until it bottoms out. The spigot and faucet handle can be removed when storing the cabinet.

Step 5-8



Place the collapsible sink in the counter top and twist the hose over the hose bib located on the door frame. Push down on the bottom of the sink to pop it into its uncollapsed configuration.

Step 5-10



Insert the dip tube into the pressure bottle and screw the plastic nut down tight. To fill with water the dip tube can be removed and the bottle carried. Rotate the pump handle to open the bottle. Pump the handle to create water pressure.

6 - Utilities

The Tail Feather Campers and Shelters do not come with a battery. They are set up to accept external power sources such as 120 volt, or 12 volt input.

A 12 volt adaptor plug with alligator clips for connecting to a battery is supplied with the kit. A motorcycle battery is ideal and can be stored in the bottom of the cabinet and charged with a simple trickle charger.

NOTE: The 120 volt outlet ground fault protection will only be active if the extension chord is grounded as well.

Step 6-1



There are two receptacles on the outside of the door frame. Plug in an extension chord to the top one for 120 volt power. Plug in a battery, generator or solar panels for 12 volt power.

Step 6-2



Once 120 volt power is provided, press the reset button on the outlet all the way in until it clicks and the small green light illuminates. Use the bottom switch to choose between power sources for the lights. The upper switch turns on the lights.

7 - Anchoring

The Tail Feather Campers and Shelters come with a tiedown ring mounted on the outside of each panel for securing the camper or shelter to a trailer, platform or the ground. Use rope, straps or chain to anchor the unit.

- a tie down on each corner is generally sufficient for 8' units. An additional center tiedown is recommended for 10' units.
- avoid angles which tend to pull the walls either out or in when not using the floor brackets to secure the panels to a floor board.
- tiedowns should be snug but DO NOT over tighten. Check tension regularly.

Step 7-1



Use the external tiedown rings to anchor the camper/shelter. Tiedown straps or chains with turnbuckles may be used. Tie-downs should be snug with no slack. DO NOT over tighten.

8 - Care and Cleaning

- **Seals** - keep all panel and roof seals clean and free from damage. Wipe with a damp cloth or mild cleaner. Dirt or damage can result in leaking.
- **Panels** - the side and corner panels are extremely durable but can be scratched. Do not use abrasive cleaners or stiff brushes. Wiping with mixture of water and household detergent is generally all that is required.
- **Windows** - the acrylic windows are tougher and more insulative than glass, but are subject to scratching. Use a soft cloth and mild detergent to clean. Plastic polish can be used to remove small scratches and clean windows.
- **Roof** - the roof is made of tough ABS plastic. Wiping with mixture of water and household detergent is generally all that is required. Avoid using abrasive cleaners.

LIMITED TEAL CAMPER AND SHELTER WARRANTY

FOR TEAL CAMPERS AND SHELTERS MANUFACTURED BY TEAL INTERNATIONAL CORPORATION SOLD IN THE UNITED STATES AND CANADA

Teal International Corporation ("TICorp") warrants to the original purchaser ("Owner") of ("Camper") parts or shelter ("Shelter") parts to be free of defects in materials and workmanship, under normal use, with reasonable care and maintenance, for one (1) year from the date of purchase (the "Warranty Period"), subject to the exclusions given below. It is understood that the Camper parts and Shelter parts are provided as a user assembled KIT and therefore TICorp is not responsible for the assembly or application of the products.

COVERAGE PROVIDED Within the Warranty Period, TICorp is obligated to repair or replace any part covered by this warranty proven defective. In the event of such an occurrence, the Owner should contact the selling dealer for a service appointment. If it is not possible to return to the selling dealer, call the TICorp factory service department, and they will provide you with the location of the nearest authorized dealer or repair facility. The cost of transporting the Camper or Shelter parts to the dealer or service center shall be incurred and paid for by the Owner.

This is the only warranty given with the purchase of the Camper or Shelter parts other than express or implied warranties given by the component manufacturers. Any warranties implied by law are limited to the Warranty Period. Any other warranty, express or implied, not provided for in this Limited Warranty is waived by the Owner.

OWNER'S OBLIGATION The purchaser must notify TICorp or a TICorp authorized dealer of any defect promptly upon discovery. Warranty repairs by a non-TICorp dealer or service center must be approved by the TICorp Factory Service Department prior to any work being started.

EXCLUSIONS The scope of this warranty is expressly limited to only items actually constructed by TICorp. TICorp therefore makes no warranty with respect to component parts constructed or assembled by other manufacturers, including, but not limited to, liquid propane gas appliances, electrical appliances, heaters, refrigerators, plumbing fixtures, light fixtures, or electrical devices (TV, sound systems, DVD player, antennas, batteries, etc.). Such component parts may be warranted by their respective manufacturers, and copies of such warranties are included with the Camper.

This warranty does not cover damage caused by or related to (1) normal wear and tear, (2) accidents, abuse, misuse or negligence, (3) failure to comply with instructions contained in the Owner's Manual, (4) any alteration or modification of the Camper parts, or (5) environmental conditions, including, but not limited to, road salt, hail, or windstorm. Nor does this warranty apply to parts made out of cloth, leather, wood, paint, or chrome, which have been affected by airborne fallout, including, but not limited to, chemicals and tree sap.

No payment or other compensation will be made for incidental expenses, including, but not limited to, towing, telephone, transportation, lodging, travel, gasoline, loss of pay or indirect or consequential damage including, but not limited to, loss of use of the Camper or Shelter, inconvenience, damage or injury to person or property, or loss of revenue, which might be paid, incurred or sustained by reason of manufacturer's defect covered by this warranty. TICorp is not responsible to any purchaser of the Camper or Shelter parts for any undertaking, representation or warranty made by dealers during the course of selling the Camper or Shelter beyond those herein expressed.

As the manufacturer of the Camper parts that you purchased, TICorp does not know the purpose you have in mind for your Camper parts nor does TICorp know the Gross Vehicle Weight Rating ("GVWR") of your utility trailer or vehicle. Therefore, TICorp makes no warranties or representations, express or implied, as to the performance of your vehicle with the Camper or whether the match-up of your vehicle and Camper exceeds the GVWR or towing capacity as specified by your vehicle's manufacturer. Specifically, there is no express or implied warranty of merchantability or of fitness for the particular match of your vehicle or application to any particular camper or shelter.

As the manufacturer of the Shelter parts that you purchased, TICorp does not know the purpose you have in mind for your Shelter parts nor does TICorp know the wind loads, snow loads or other environmental factors that may impact your Shelter, or any codes or restrictions that may apply. Therefore, TICorp makes no warranties or representations, express or implied, as to the performance or suitability of your Shelter parts or whether the match-up of your application and Shelter parts is appropriate. Specifically, there is no express or implied warranty of merchantability or of fitness for the particular match of your application to any particular shelter.

This Limited Warranty is intended to comply with the requirements of both State and Federal laws. Any part of this Limited Warranty in conflict with any law shall be ineffective to the extent of any such conflict. This warranty gives you specific legal rights, and you may also have other rights, which may vary from state to state.

For a current warranty statement, contact your local dealer or TICorp.

