



ULTIMATE

The Adventure Begins

OWNERS MANUAL

XTRK & XPLORE MODELS

Forward

Welcome out our growing family of owners. This camper has been delivered to you with confidence. Your camper has been built with pride and strict quality control.

This manual has been prepared to help you understand the operation and maintenance of your camper; it explains the features of your new camper trailer from Ultimate Campers. Please read this manual thoroughly and follow the instructions carefully so that your camper will provide many years of trouble-free adventures.

A separate warranty information sheet explains details about the warranties covering your camper.

When it comes to servicing your camper, remember that your Ultimate dealer/service agent knows your camper best and is dedicated to your complete satisfaction. When you require any service or have any questions, we will be glad to provide you with quality maintenance, advice and any assistance you may require.

All information and specifications in this manual are current at time of printing, however, because of *Ultimate Off-Road Camper's* policy of continual product improvement; we reserve the right to make changes at any time without notice.

This manual applies to all models and explains all equipment, including options; therefore you may find explanations for equipment not installed on your camper.

NOTE: Because each camper can have different equipment in terms of appliances such as fridges, stoves, hot water systems, stereo units etc ... please refer to the individual appliance manuals for the appliance relevant to your camper.



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(Extra info refer to individual instructions)

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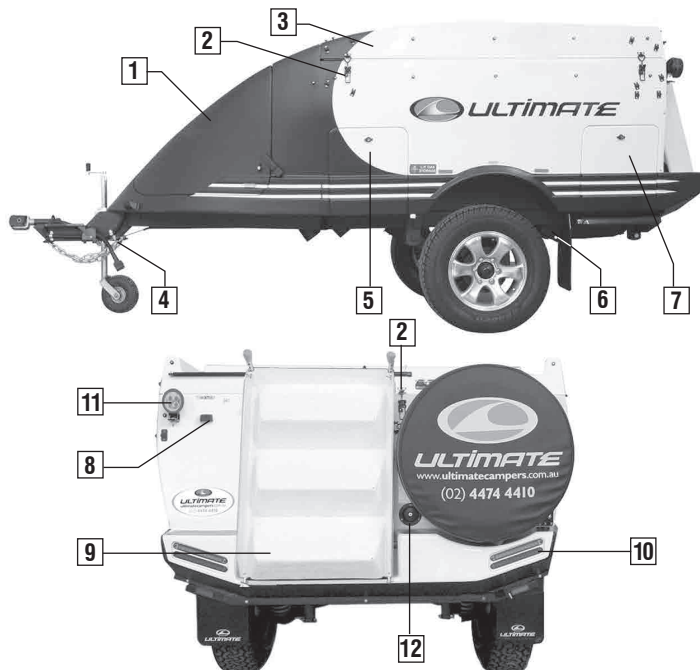
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1 General Overview



- | | | |
|-------------------|------------------------|------------------------|
| 1 Boot | 5 Gas locker | 9 Steps |
| 2 Roof clampdowns | 6 Water tank drain tap | 10 Tail lights |
| 3 Roof | 7 Water/toilet locker | 11 Flood/Reverse light |
| 4 Safety chains | 8 Number plate light | 12 Water cap |

BODY SHAPE AND TOWING

The body shape of your *Ultimate* Camper is aerodynamic by design and reduces damage caused by deflected stones.

EXTERNAL SURFACE

The entire body, lounge, galley and components of *your* Ultimate Camper are hand moulded from high tech materials considerably lighter than steel or aluminium.

The composite materials used are primarily glass fibre and foam cores in a matrix of epoxy and polyester resins to create the intricate curved shapes and design. The result is a low maintenance and durable product that will, with the correct use, provide years of enjoyment.

The protective paint on the outside of the camper is a tough, durable, anti chip product that is sacrificial over time. The chassis is made of Duragal that is coated with a *flexicoat* under body spray *this is also sacrificial and will be sand/stone blasted back to galvanised steel over time depending on prevailing conditions.*

General Overview

1



Photo shows camper set-up with mini awning attached with the fibreglass spars supporting it.

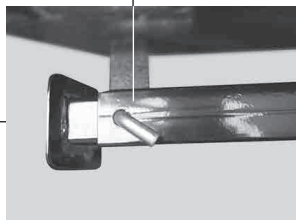
- 1 Mini awning (***For fair weather use only***)
- 2 Safari roof (***note this is designed to tear away in extreme winds to protect the main body from damage***).
- 3 Gas strut
- 4 Lifting pole
- 5 Outrigger legs

1 General Overview



UNDER REAR VIEW

- 1 Recovery points
- 2 Watertank drain tap
- 3 Spring
- 4 Shock absorber
- 5 Jacking point (*changing tyres*) under swingarm shock-mount
- 6 Outrigger leg (*in down position*)
- 7 Outrigger leg (*in up position*)
- 8 Locating/adjusting pin



General Overview

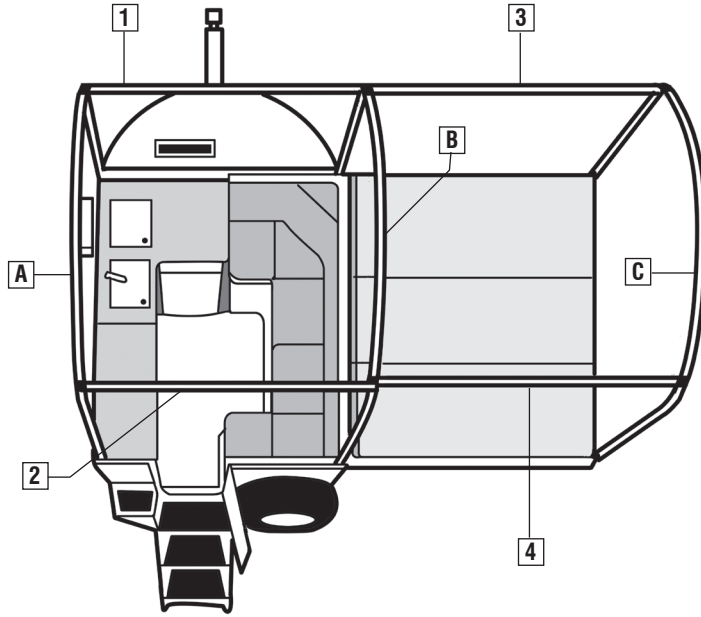


Diagram shows camper with canvas removed to expose bows and spreader bars (**1-4**) in the correct set-up position. Always have spring loaded ends facing towards the **rear of the bed**.

These numbers are also the order in which the spreader bars are inserted when setting up.

A Galley bow (*with fluorescent light attached*)

B Lounge bow

C Bed bow

1 General Overview

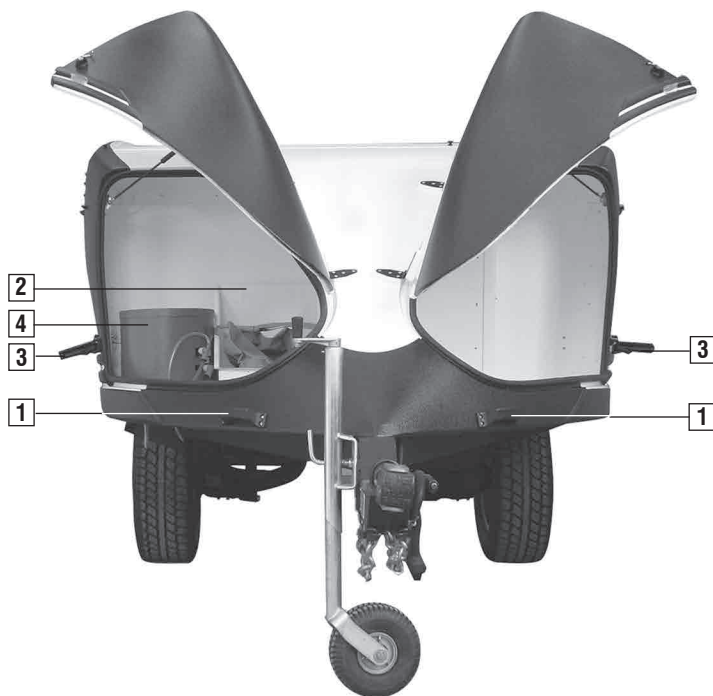


Ensure no canvas is outside of main body seal when folding down.

- 1 Side clampdowns
- 2 Rear clampdown (*right hand side of rear door*)
- 3 Lifting pole
- 4 Number plate light
- 5 External 12 volt socket
- 6 Reverse and flood light optional

General Overview

1



BOOT (XPLOR)

- 1** Handles/Steps for moving camper and to stand on when setting/packing camper up
- 2** Jerry can holder
- 3** Boot clamp down
- 4** Optional water heater

1 General Overview



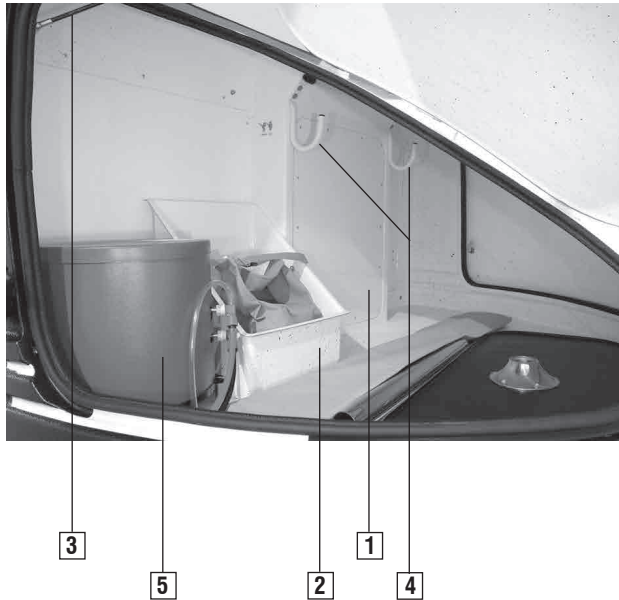
THE BOOT (XPLOR) continued

On the back wall of the front boot is a service panel. This is held in place with self-tapping screws. This panel provides access to the rear of the fridge for cleaning and maintenance.



General Overview

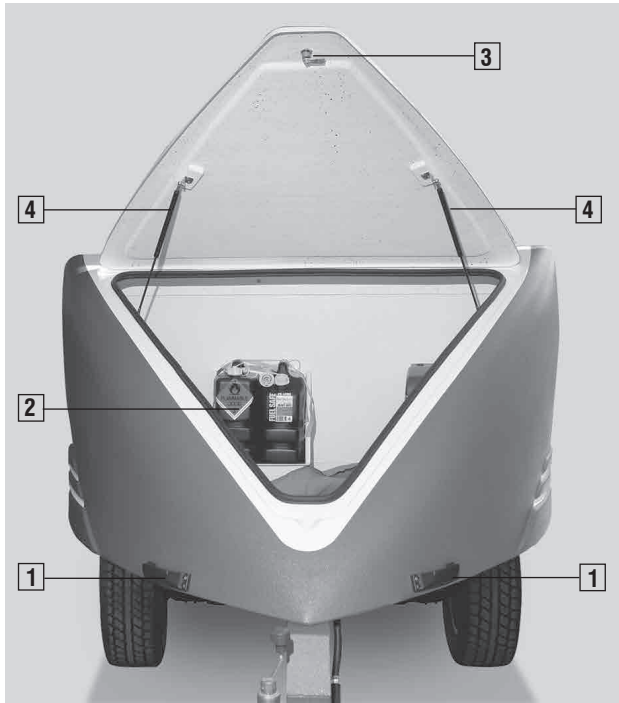
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THE BOOT (*XPLOR boot continued*)

- 1 Fridge Service panel
- 2 Jerry can holder (*Jerry cans not supplied as standard*)
- 3 Gas strut for Gull wing
- 4 Pole racks for storing main awning poles etc
- 5 Hot water system (*optional*)

1 General Overview



THE BOOT (*XTRK Model*)

- 1** Handles/steps for moving the camper and to stand on when packing unpacking the camper
- 2** Jerry can holder (*jerry cans not supplied*)
- 3** Boot lock
- 4** Gas struts

Side Lockers - Gas System



CAUTION:
PLEASE READ AND FOLLOW THE INSTRUCTIONS ON THE CONSUMER PLATE LOCATED IN YOUR CAMPER AND ALWAYS ENSURE THAT THE GAS BOTTLES ARE SECURE

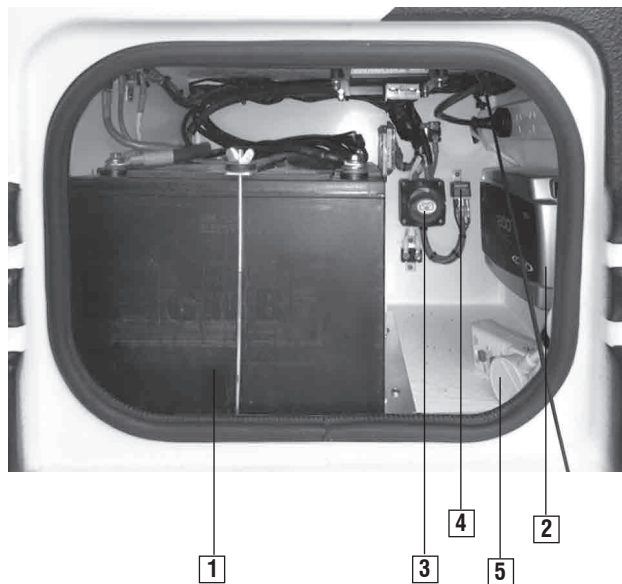
FORWARD PASSENGER SIDE GAS STORAGE LOCKER (XPLOR)

Gas bottles are stored in the front left locker. Standard equipment is a 3.8Kg bottle. The locker compartment is vented in the front left hand corner.

CAUTION: ENSURE VENT IS NOT INADVERTANTLY BLOCKED

- To turn gas on, turn tap on bottle anti-clockwise. 'Above the regulator there is one valve cock for the stove. If the Hot Water Service is installed a second valve is fitted.
- To switch valve cocks OFF, tap should be in the vertical position (ON is horizontal).
- When travelling switch **ALL GAS OFF** at the bottle, valve cocks and fridge and turn fridge to 12 volt. *An extra 3.8Kg bottle can be installed for back-up or gas BBQ.*

3 Side Lockers - Electrical



- 1 Battery
- 2 Charger
- 3 Isolation switch
- 4 Fuse
- 5 Fridge Lead

ELECTRICAL LOCKER

The forward driver's side locker is the electrical locker and contains the major electrical components/controls.

A battery is mounted in the Electrical locker. This charges via the vehicle whilst driving. When using the on board battery charger and you are staying at a powered site, connect both the fridge and charger together using a power board. Plug power board into the power.

The isolation switch TURNS clockwise - turning ON the 12 volt power to the camper. Turned anti - clockwise disables power.

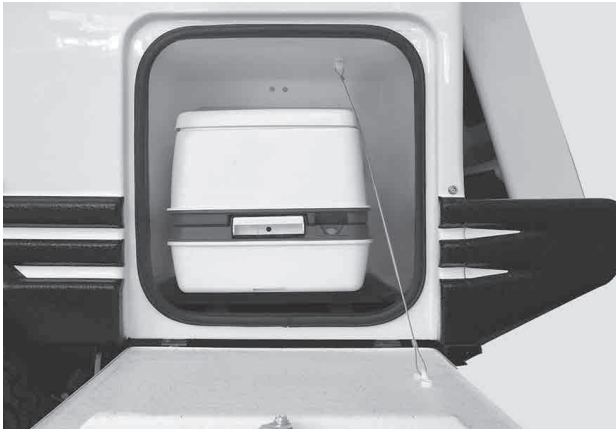
The rear drivers side locker is a spare storage locker. It can be used to carry the wine cellar. (Optional)

NOTE: Image shown is of the XTRK electrical locker. Other models may have dual battery set-up.

Side Lockers - Toilet

REAR PASSENGER SIDE LOCKER

The rear passenger side locker is the toilet compartment or if a toilet is not fitted is a spare storage locker it has both internal and external access (*XPLOR models only*), it is optional in *XTRKs*. It may also contain the shower head and tap if an *XPLOR* or optioned.



**Do not put excessive weight on the doors -
Maximum weight limit on the doors is 8Kg.**

There is a plastic clip fitted to the body end of the wire stay, this is designed to give way under load so that no damage is done to the camper body or the doors.

4 Electrical Systems

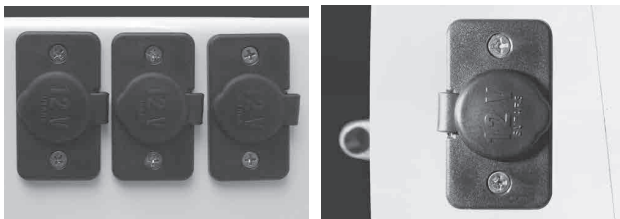


Electrical switches (*on left when entering the camper*) control the following:

- Rear floodlight (*if installed*)
- Water pump
- Galley light
- Exterior 12 volt outlet

The three outlets above the fridge (*right hand side of the fridge if an XTRK*) are permanently live (*after switching on the isolation switch*).

There are also 2 12 volt outlets located beside the outside gas strut and on the rear passenger corner.



NOTE: *Water level indicator is operated by pressing the water button.*

Electrical Systems *(XPLOR & XTRK Models)*



ELECTRICAL

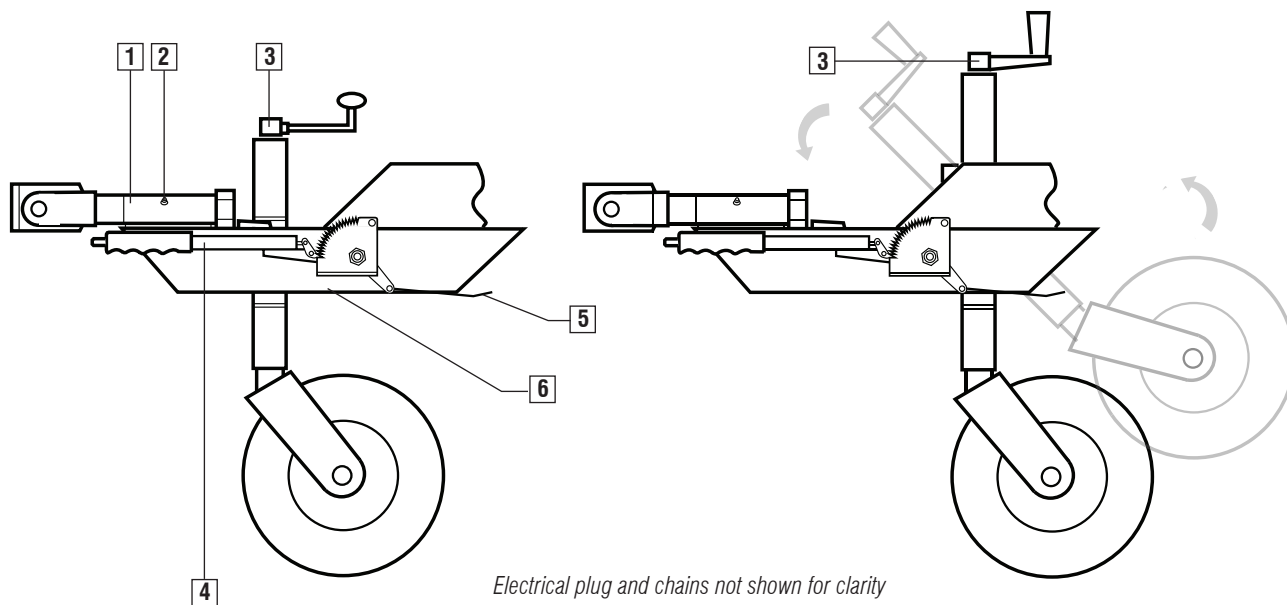
Ultimate Campers use a 7-pin Anderson plug. The Andersons plug is heavy duty and is used for:

- charging battery
- earth return

NOTE: *The rubber loop on the trailer leads of all models loops over the T Handle of the Treg Coupling whe hitched and holds the leads in place.*

5 Handbrake, Jockey Wheel & Coupling

All models come with a choice of either swing up or removable jockey wheels.



REMOVABLE JOCKEY WHEEL

SWING UP JOCKEY WHEEL (Optional)

- | | | |
|-----------------|----------------------------------|-------------------|
| 1 Treg coupling | 3 Jockey wheel | 5 Handbrake cable |
| 2 Grease nipple | 4 Handbrake (shown off position) | 6 Draw bar |

Handbrake, Jockey Wheel & Coupling



REMOVABLE JOCKEY WHEEL



SWING UP JOCKEY WHEEL (*Optional*)

6 Camper Set-up



PICKING A SPOT

Remember when picking a camping spot that normal safety considerations must be taken into account.

- 1 Flat and reasonably level land
- 2 Not likely to be flooded whilst you're camping there
- 3 Firm ground (*not prone to give way and slip*)
- 4 No overhanging trees (*risk of damage by falling branches*)
- 5 Space for lid to open

Camper Set-up

LEVELLING PROCEDURE

The more level the ground is, the less time/effort is required for levelling. By following six simple steps the levelling procedure should be quick and easy.

- 1 Install/swing down jockey wheel.
- 2 Engage handbrake and chock wheels.
- 3 Wind jockey wheel down and Unhitch from vehicle.
(camper should be nose down)
- 4 Assess left/right level and install down side rear Out-rigger. *(Use the supplied ply pads if ground is soft)*
- 5 Wind jockey wheel until driver's side front is slightly higher and the camper is level front to back. Install other outriggers.
- 6 Install front outrigger and wind down jockey wheel until some weight is on the front outrigger.

Camper weight should be distributed between the wheels and three outriggers.

CAUTION

- **Lifting tyres off the ground should be avoided.**
- **When using the jockey wheel, lift the rear stairs up or damage may occur.**

6 Camper Set-up



1



2



3



4



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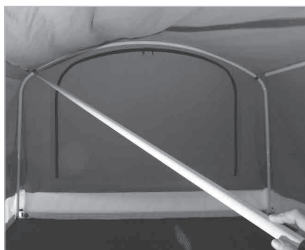


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OPENING CAMPER

- 1 Unclip and lower steps.
- 2 Unlock and open back door.
- 3 Undo rear, rear-side, front-side lid clampdowns.
- 4 Standing on the bumper push lid up to vertical position.
- 5 Holding onto centre canvas bow (*through the canvas*), guide lid to horizontal position.
- 6 Or if preferred from the ground using the lifting pole rest pole in cup of hand on thigh and walk forward to push lid up and over.

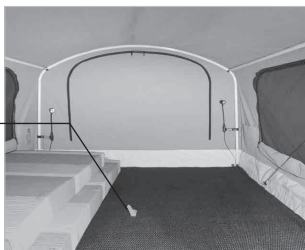
Camper Set-up



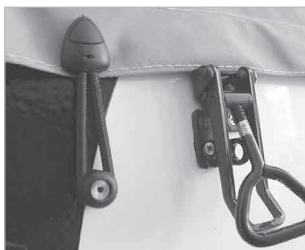
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7a



8



11



10

OPENING CAMPER (*Continued*)

- 7-7a** Lift gallery bow, step inside and using the c clip click the first spreader bar on the far side and then clip the second spreader bar into position.
- 8** Release velcro tab and push up the bed bow with the two long spreader bars, then slide the spreaders into position.
- 9** Place three mattresses from the lounge to the bed.
- 10** Install pedestal and table offset facing towards the lounge if required.
- 11** Secure canvas storm flap to body.

(For detailed instructions on fridge operations please refer to manufacturers manual provided).

7 Basic Canvas



SAFARI ROOF/ MINI AWNING

WARNING: *In extreme wind conditions the leading edge of the safari roof must be pulled down to reduce the risk of it being blown off.*

MINI AWNING

- 1 Zip mini awning onto rear of the main roof.
- 2 The long spar is passed through the outer edge of the awning.
- 3 The 2 smaller spars *Velcro* to the outside of the larger spar.
- 4 Pass through the two bottom saddle brackets on either side of the camper.

NOTE: *Store spars behind lounge cushions when not in use.*



INSTALLING THE MAIN AWNING

- 1** Standing on the rear bumper step, start the zipper off on the passenger side of the main body and pull zip as far as possible.
- 2** Step back onto ground and use lanyard to complete the rest of the zip.
- 3** Cover the zip with the storm flap using “stay puts”.
- 4** Secure both ends using the Velcro and eyelets located at each end of the awning.
- 5** Starting at the corners install the 6 adjustable poles under the awning to hold it up.
- 6** Use the ropes to hold the awning in place and peg into ground.

7 Basic Canvas



INSTALLING THE SUNROOM

- 1** Position panel 1 near the back door, and Velcro across the top of the panel and press stud down the side of the camper
- 2** Continue with panels 2,3,4 around to the other side of the awning.
- 3** Press stud the under bumper skirt along the back chassis rail.
- 4** Fit the under bed panel with the Velcro along the main canvas body and press stud don the side of the camper and zip down the canvas side to enclose.

NOTE: For detailed instructions please refer to installation guides supplied with individual canvas components.

Basic Canvas

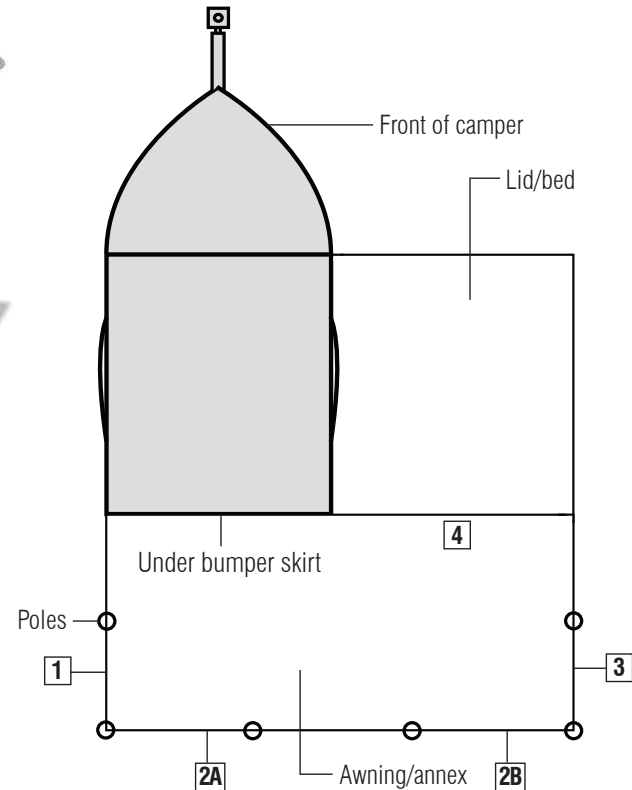


Camper above shown fully set up with Sunroom and Spare Room.

NOTE: *Level ground is required for a quality fit of Sunroom and Spare Room.*

Sketch showing canvas panel positions

1-4 Awning/sunroom combo panels



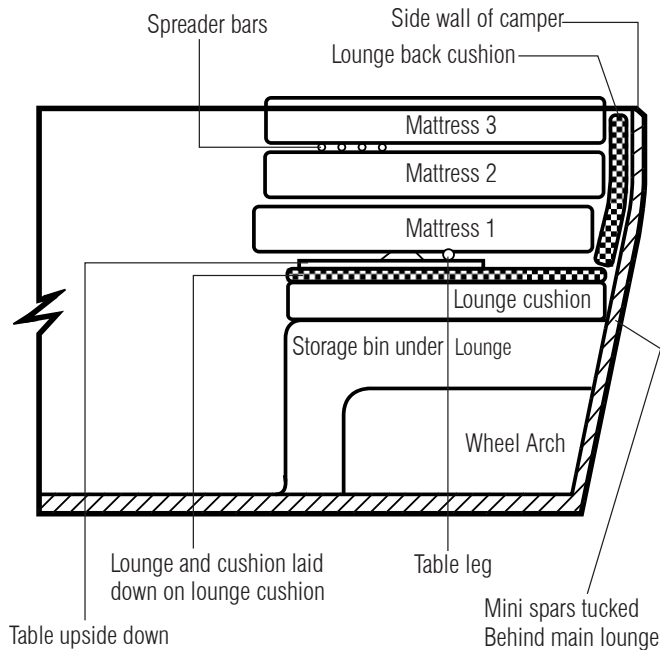
8 Packing Up

- 1 Ensure all loose items inside the camper are stored in the appropriate place.
- 2 Ensure fridge door has click locked.
- 3 Ensure all locks are in closed position on all drawers and doors.
- 4 Turn OFF all electrical switches on switch panel.
- 5 Turn all gas OFF.
- 6 Turn 12 volt electrical isolation switch OFF.
- 7 Unclip the canvas storm flap.
- 8 Remove and pack bedding on to the lounge with spread-er bars and table packed between mattresses. *(See page 26 for sketch on where things go)*
- 9 Using the lifting pole on the rear edge of the lid out standing on top of steps and pulling the centre bow over lift the lid up through the vertical and begin to close the lid. If lifting the lid by yourself ensure the lifting pole has been released so you can use it as a stop if required once the lid is in the horizontal position walk around and tuck any protruding canvas behind the

lid seals. Make sure there is no canvas caught between the lid and the body.

BEFORE LEAVING WALK AROUND AND CHECK ALL LOCKS, HITCHING, STAIRS AND STABILIZER LEGS ARE IN TRAVELLING POSITION.

Packing Up *(diagram)* - during your trip



VIEW SHOWING WHERE TO PACK THINGS WHEN FOLDING UP

IMPORTANT: whilst travelling follow the checklist below at regular stops.

- 1 When you exit your towing vehicle visually check that the camper is sitting square and level, as an indication of the tyre pressure.
- 2 Walking towards the camper, check the safety chain and electrical plug, both visually/physically, to ensure that they are fitted correctly.
- 3 Check the treg pin and retaining pin are fitted correctly.
- 4 Visually check locker doors are closed correctly and preferably locked.
- 5 Check roof clampdowns are secure in the down position.
- 6 Check steps are secure in the up position.
- 7 Regularly check tyre pressure, wheel nuts, and bearings for heat and movement as the presence of heat or wheel play may indicate loose wheel nuts or potential bearing failure.

9 Cleaning & Maintenance

HANDBRAKE MAINTENANCE

- 1 Pull handle up to engage hand break. *(Always engage handbrake when your camper is unhitched from the vehicle however do not rely solely on handbrake).*
- 2 Chock the wheels.
- 3 Unhitch camper.
- 4 To release handbrake to move or tow camper push button at the end handle to disengage brakes.
- 5 Keep all movable parts clean and free of contamination.
- 6 Keep all movable parts greased with a good quality grease.

Handbrake cable

The handbrake cable is adjustable half way down where it divides and branches off to each wheel: To adjust -

- 1 Loosen lock nut.
- 2 Turn curled knob to take the slack out of the cable. Ensure the brakes are not dragging.
- 3 Tighten lock nuts.

JOCKEY WHEEL

The jockey wheel mounts on the right hand side of the drawbar. If fitted the removable jockey wheel is stored in the boot when not in use.

Shock Bush Replacement Part Number: Comes as a kit which includes four bushes. *(Made by Mackay Silent Ruba).*

Kit No: A1178 shock absorber bush Holden 1971 - ON.

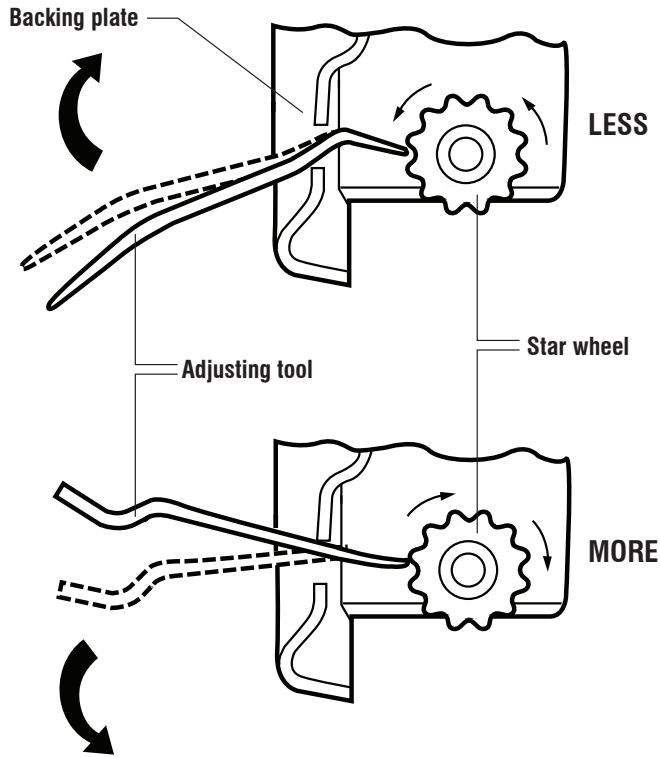
WARNING: Always check wheel nut tension before, during and after towing the camper. This is especially important if you have changed a wheel, had work done on the brakes or wheel bearings.

BEARINGS

It is important that you service and maintain your wheel bearings regularly particularly after extensive off road use and water crossings.

NOTE: For bearing maintenance and further information please refer to the manufacturer's instructions.

Cleaning & Maintenance



BRAKE MAINTENANCE

With the camper hitched to the vehicle for safety, chock opposite side wheel - handbrake in the off position.

Jack the wheel to be adjusted just off the ground.

Remove oval shaped rubber plug from inside of drum backing plate, use a flat blade screwdriver to turn the **star wheel** until the brake drag makes it difficult to turn the wheel.

The **star wheel** can then be turned in the opposite direction 3/4 to 1 revolution to allow the wheel to turn freely when spun.

Repeat procedure on other wheel.

9 Cleaning & Maintenance

CHASSIS LUBRICATION

- 1 Please change this to 'On the front of the swing arms (2 per swing arm). Undo these bolts.
- 2 Using a good quality grease (*Castrol APXT or similar*), apply until grease is pushed from both sides of the bush.

Note: *This grease is not intended to lubricate the bush but rather to exclude dirt and water from the bush.*

- 3 Grease the treg coupling using the same grade grease.

Cleaning & Maintenance

CANVAS CARE INSTRUCTIONS

- New canvas should be thoroughly wet before use and allowed to dry. Repeat 2 to 3 times to ensure sealing up of the seams.
 - Clean only with cold water and a brush – do not use soap or detergent.
 - Ensure canvas is stored completely dry prior to storage.
 - Do not store directly on concrete floors.
 - Do not expose to petrol, oil or solvents.
 - Restore well worn products with Reproof.
 - Be sure organic and vegetable matter (*grass, dirt etc*) and bird droppings particularly are not left in contact with the canvas for any prolonged period.
 - If signs of mildew ever appear, brush off before it becomes attached.
- **Note:** *If mildew persists it can be treated with diluted bleach (Lemon White King) 1 part bleach, 5 parts water. Once dry allow approximately a further 12 hours then thoroughly hose off and again allow to dry before applying Wax Converters Reproof water proofer and mildew inhibitor.*

9 Cleaning & Maintenance

CLEANING YOUR CAMPER

Because your ultimate is built using the same materials as that in boat hulls the body has a life that can be measured in decades however to keep your camper looking new it is recommended that you clean it regularly by following the instructions below.

If doing any beach work, wash the camper and chassis down with soapy water and then rinse *with* lots of fresh water.

- Use car wash in a hand held spray bottle and a soft bristled brush to clean the outside of the camper.
- Wet camper down and spray on the wash, brush and scrub, then hose off.
- Use on all external surfaces of the camper and trailer when folded down.
- To polish camper, Ultimate provide a fibre glass restorer and wax which is very easy to use.
- Follow the directions on the bottle - it can be used on any of the gloss surfaces inside and out.

Specifications

General

| | |
|--------------------------|----------------------------|
| Overall length | 4250 mm |
| Overall width | 2000 mm |
| Overall height | 1800 mm |
| Dry weight | XPLOR 850 kg (XTRK 750kg) |
| Wheel track | 1600 mm or to suit vehicle |
| Ground clearance | 570 mm |
| One (1) 3.8Kg Gas Bottle | Manchester |
| Water Tank capacity | 110 litres |

Fuses

Fuses are found behind the fascia of the switch panel above the top left hand drawer.



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