

OWNER'S HANDBOOK

PARKES RANGE

All the info you need to know when using your
Ezytrail Parkes Hybrid Offroad Caravan



www.ezytrail.com.au



Read owner's manual before using the equipment. Third party component manuals should be read in conjunction with this manual. Maintenance guidelines must be met or exceeded, failing to meet these guidelines may result in serious injury or death and property damage.

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All the info you need to know when using your Ezytrail Parkes Hybrid Offroad Caravan

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INTRODUCTION



WARNING– Before using this product you should read this manual and those manuals supplied by component manufacturers applicable to this product.

This manual is supplied as a reference to required maintenance of your new Ezytrail offroad camper. Failure to use and maintain the product in accordance with what is outlined in this manual may affect your warranty.

Incorrect and/or insufficient maintenance may cause product failure resulting in property loss, damage or injury or death. Maintenance intervals are critical for normal use, extreme use may require shorter or additional maintenance intervals.

Manual content does not imply, express or other any warranty, the owner should read the limited warranty terms included in this booklet.

Before using this product, you should be certain your tow vehicle is suitably rated and equipped to tow the product safely and legally. The trailer and vehicle pairing must be within the safe “Maximum Towing Capacity”, “Ball Weight Capacity” and “Gross Combination Mass” as stated by the vehicle manufacturer.

This caravan is fitted with electric brakes and a “Breakaway System”. Requirements for breakaway systems can vary from state to state. It is mandatory to supply a maintenance charge to the breakaway battery source while driving. You **MUST** ensure this capability is fitted to your vehicle. The maintenance charge is supplied to the caravan via the Anderson plug on the drawbar.

SETTING UP YOUR CARAVAN

LOADING YOUR CARAVAN

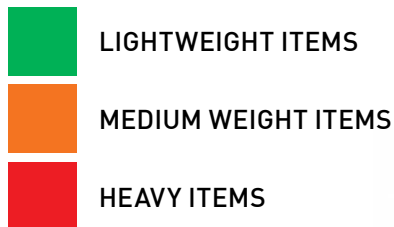
When heading away on your next big adventure it is important to load your caravan correctly to distribute weight evenly and achieve a suitable ball weight load and prevent loading in a manner that can cause a caravan to sway and/or roll excessively left and right. The optimum ball weight on a caravan is between 9 and 11% of the total caravan weight.

WARNING: BALL LOADING (DOWNWARD LOAD ON TOW HITCH) MUST NOT EXCEED 350KG OR THE MAXIMUM ALLOWABLE LOAD BY THE VEHICLE MANUFACTURER OR TOW BAR RATING, WHICH EVER IS THE LOWEST.

Exceeding these limits may result in an accident causing serious injury or death and/or property damage.

- Always load both sides of the caravan evenly
- Load heavy items low and directly over the axle.
- Secure all items to prevent damage to the caravan during travel.
- Consider water tank levels and how they may affect the balance front and back and the percentage of ball weight.
- Overhead cupboards should only be used for lightweight items such as clothes, personal items, bedding etc.
- Never store heavy items in overhead cupboards.
- Heavy cooking equipment should be stored in lower cupboards.
- Tinned and bottled food for cooking etc should be stored in the pantry cupboard.
- Never load in a manner that causes the ball weight to exceed the limit of the tow vehicle.
- The diagram below illustrates best placements of items based on weight.

This caravan is fitted with electric brakes and a “Breakaway System”. Requirements for breakaway systems can vary from state to state. It is mandatory to supply a maintenance charge to the breakaway battery source while driving. You MUST ensure this capability is fitted to your vehicle. The maintenance charge is supplied to the caravan via the Anderson plug on the drawbar.



CHOOSING A SPOT TO SET UP

When you arrive at your camp for the night it is important to choose a good spot to camp. One that will allow you to rest easy. When choosing a spot to set up your caravan, start with a flat area with no overhanging trees. Birds and bats occupying trees can leave droppings on your caravan that can damage paint, and leaves and sap can also stain the coating.

Ensure you are not camping in an area prone to flooding or with bad drainage in the event of rain.

Even the slightest hollow in the ground can put you in a mini lake. In hot weather if possible, set your caravan up so the sun's arc goes from front to back or back to front with the annex/awning in the general direction the sun is arcing across. Doing this will keep the bulk of the caravan in shade and the inside cooler as it will be shaded by the awning.

LEVELLING YOUR CARAVAN

Levelling front to back can be done by raising and lowering the jockey wheel prior to adjusting the stabiliser legs.

The stabiliser legs on your caravan are not designed for supporting the full weight of the trailer, they are there to stabilise it once it is level.

Getting the trailer level from left to right should be done with drive on stepped ramps as illustrated here.

Once levelled the legs can be lowered to keep the trailer stable. On soft ground you may want to use timber boards under the stabiliser feet.

Using your stabilisers as a lifting mechanism will void your warranty as will extending them with a "rattle gun" or "impact wrench".



SITE POWER

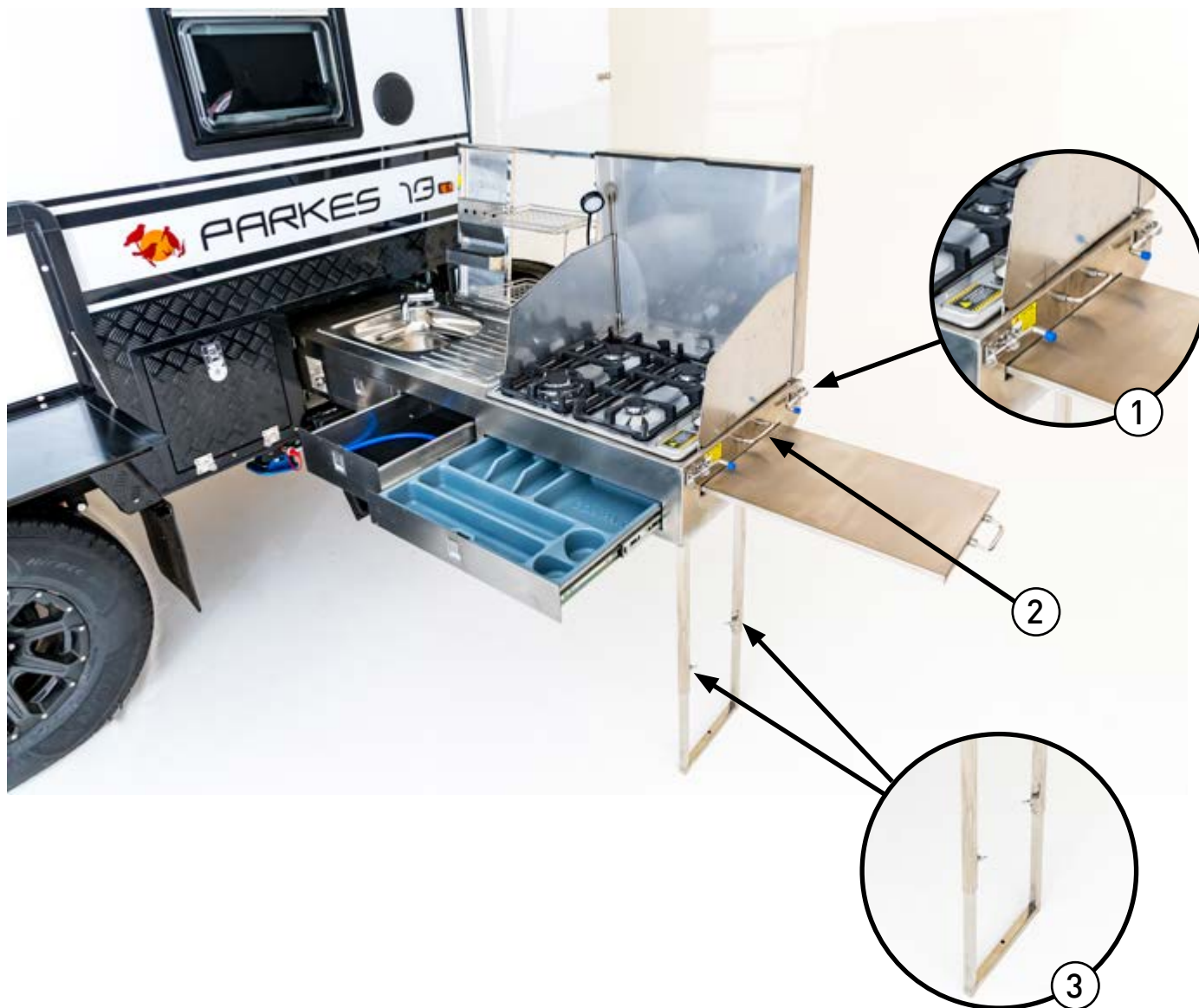
The onboard charger in your caravan is connected via the 15A exterior socket. To use site power, you will require a 15A power lead connected to a 15A outlet, as shown. In the event a 15A outlet is unavailable you will need a conversion box that will step up from 10A to 15A with a safety switch. Never leave power leads coiled when in use, lay the lead out back and forward in a manner that won't be a trip hazard or risk damage to the lead.

SETTING UP YOUR CARAVAN

KITCHEN

Your Parkes caravan is equipped with a quality stainless steel kitchen complete with 4 burner cook top, sink and dryer rack. It is important to learn how to open and close your kitchen so it is secured when driving and fully supported when at camp.

- Before sliding out kitchen, release the two pad bolts (1)
- Slide the kitchen out by pulling on the fixed handle (2)
- When the kitchen is extended, fold down the support legs and adjust the height to suit (3)



PREPARING FOR BAD WEATHER

During bad weather such as rain, wind, or cyclone, the following should be done:

- Close all roof vents and hatches to prevent water entering.
- Protect the awning from high winds by retracting or securing with guy ropes and pegs.
- Ensure your caravan is not parked in ground that will become boggy and prevent exiting the camp area
- Close all external doors and hatches to prevent water ingress and wind damage

PACKING DOWN YOUR CARAVAN

When packing down your caravan check the following:

- Turn off all gas and electric appliances
- Gas is turned off at the gas bottle
- Pack away and secure all loose items so they can't move and damage themselves or the caravan
- Secure and lock all cabinet doors, and close all drawers
- Lower the roof, and ensure over centre latches are locked with safety pin engaged
- Remove and stow the site power lead
- Ensure doorstep is raised and secured
- Lower and secure all roof hatches
- Ensure all windows are closed and locked
- Close and lock the main door
- All dust covers in place and secure

STORAGE AND CARE

LONG TERM STORAGE

To maximise the life of your caravan you should consider additional protection from the elements. UV light and moisture can have an adverse effect on materials when left unprotected outside. This section outlines some of the things you can do as an owner to protect your investment.

INTERIOR

Moisture and your camper are not friends, in fact they are your enemy. Here are some tips to reduce moisture and avoid mould. High humidity and cooling temperatures can create condensation, additionally condensation can form under mattresses due to temperature differences between warm bodies on top and the bed base being cold from outside temperatures.

As a precaution you can do the following:

- Check under mattress for moisture before packing up. If moisture is found allow to thoroughly dry before closing your caravan.
- Store 1 or 2 moisture absorbing packs/dehumidifier packs in the caravan to draw away any residual water vapour.
- If packing up with damp or humid conditions, open and dry out the caravan at the first opportunity when returning home. Dry all canvas thoroughly and follow point 2.

EXTERIOR

Ensure all seals on the caravan have proper compression at 30-50%, are free of dirt and have nothing protruding past the seals. UV light and the elements can over time cause seals and fittings to perish and become brittle. The use of a camper cover or tarpaulin will extend the life of components and keep your investment looking better for longer.

STORAGE AND CARE

BATTERIES

When storing your caravan, ensure all power is turned off to ensure batteries aren't drained. Batteries should be maintenance charged at least monthly when stored. Allowing batteries to drain below 12.05 volts may permanently damage them.

If storing for a period longer than 1 month, consider a trickle charge setup, or a 24hours charge on 240V every few weeks. Do not leave the 240V charge on constantly, as the battery memory can be affected.

SECURING YOUR CARAVAN

When parked and unhitched you should always use suitable wheel chocks to ensure the trailer can't move in the event of a handbrake failure. For security a wheel clamp or and hitch lock are highly recommended.

TORQUE SETTINGS

WHEEL NUTS

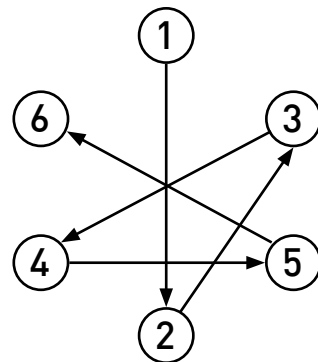
Wheel nuts should be tightened to correct torque using a torque wrench. Never trust a "rattle gun" as these may over or under tighten. A quality torque wrench will ensure nuts are tightened correctly. It's important to remember to check your wheel nuts at 50km, 100km, and 500km and periodically thereafter.

The correct torque settings are: 125Nm for 12mm studs. Refer to the plate on your drawbar.



IMPORTANT INFORMATION

Wheel nuts must be re-torqued to 125Nm after the first 50km, or after the wheels have been re-mounted, and then at periodic intervals. Wheel nuts should be checked DAILY when on rough or unsealed roads. Re-torque as per the diagram on the right:



HITCH

The high tensile bolts securing your hitch should be tightened to 150Nm. These should be checked at 5,000km intervals.

TRAILING ARM PIVOT BOLTS

The pivot bolts are a high tensile steel. The service interval for these bolts is 10,000km under normal use and 5000km for harsh off-road conditions. During travel they should be inspected daily to ensure they have not rotated or become damaged. Correct torque is 180Nm

BRAKES AND HANDBRAKE

BRAKE CONTROLLER*

Your trailer is fitted with electric brakes that require a brake controller that can be operated from the driver's seat.

1. Manually adjustable to provide the correct braking capability for varying road, off-road and load conditions.
2. They can be modulated to provide variable braking force, thus easing the brake load on the towing vehicle.
3. There is very little lag time between the moment the tow vehicle's brakes are actuated and the moment the trailer brakes are actuated.
4. They can provide some braking independent of the tow vehicle in the event of an emergency.

*The requirements can vary from state to state. It's important to check what is required in your state.

OPERATION

When electrical current is fed into the system by the controller, it activates the electromagnets in the brakes. These electromagnets are energized and are attracted to the rotating surface of the drums which moves the actuating levers in the direction that the drums are turning thus applying pressure from the brake linings to the drum surface.

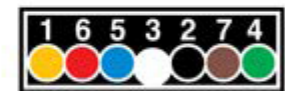
TRAILER PLUG WIRING

The following diagrams outline the correct wiring for flat and round 7 pin plugs:

PIN No.	CIRCUIT	COLOUR
1	Left-hand turn	Yellow
2	Reversing signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



7 Pin Socket

*Cable entry view

7 Pin Round Plug & Socket

PIN No.	CIRCUIT	COLOUR
1	Left-hand turn	Yellow
2	Reversing signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



7 Pin Socket

BRAKES AND HANDBRAKE

BREAKAWAY SWITCH

By law*, all trailers with an ATM of 2000kg or greater must have a “Breakaway System” to halt the trailer in the event it becomes detached from the tow vehicle whilst traveling. Your caravan is fitted with this system with the switch mounted on the drawbar with a steel wire lanyard to connect to your tow vehicle. In the event that the caravan becomes detached, the lanyard will pull the pin from the breakaway switch and the onboard batteries will activate the brake system. The lanyard must be attached to a solid part of the vehicle. It is a mandatory requirement that power be supplied by the tow vehicle to the breakaway power source while towing. This is done via the 50amp Anderson Plug on the drawbar. Consult a qualified auto electrician to ensure this is fitted to your tow vehicle.

In NSW there is an additional requirement that the breakaway power source be monitored from the driver position with a minimum of a “visual alarm” for low battery voltage. Consult a qualified auto electrician to ensure this is fitted to your vehicle.

*Each state can have different laws in regards to brakeaway systems.
It's important to check what is required in your state.



Breakaway Switch



Anderson Plug



CAUTION:

- DO NOT CONNECT THE BREAKAWAY LANYARD TO THE SAME POINT AS THE SAFETY CHAIN SHACKLES.
- DO NOT USE THE BREAKAWAY AS AN ALTERNATIVE TO THE HANDBRAKE AND DO NOT REMOVE THE PIN AS AN ALTERNATIVE SECURITY MEASURE. REMOVING THE PIN WILL RAPIDLY DISCHARGE THE BATTERIES.
- IT IS A MANDATORY REQUIREMENT THAT THE BREAKAWAY BATTERY SOURCE BE CHARGED DURING TOWING.
- NSW REQUIRES A BATTERY MONITOR VIEWABLE FROM THE DRIVERS POSITION WITH A MINIMUM OF A VISUAL ALARM FOR LOW BATTERY VOLTAGE

HAND BRAKE

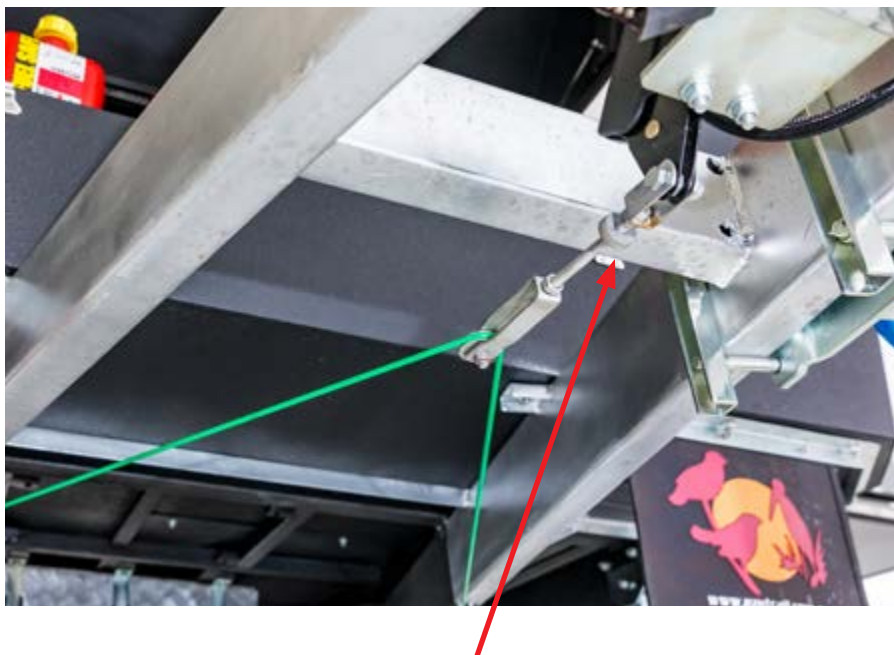
Parking brakes are mechanically operated by a cable.

Use the cable adjuster to give enough tension to be able to set the handbrake lever on the last two notches of the coupling or handbrake is 1/3 raised when unladen. This needs to be checked again when the trailer or caravan is loaded. If the cable is too tight, the brakes will be applied as the axle moves backward under spring deflection.



ADJUSTER

To adjust the handbrake cable tension release locknuts. To tighten the handbrake cable, turn the adjuster wheel in a clockwise direction. Once adjusted retighten lock nuts and test. Always ensure that wheels turn freely when handbrake is off. Overtightened cables can cause brakes to drag and damage the brake linings.



Adjuster Wheel

BRAKES AND HANDBRAKE

CORRECT USE OF YOUR ELECTRIC BRAKES

Your trailer brakes are designed to work in synchronisation with your tow vehicle brakes.

Never use your tow vehicle or trailer brakes alone to stop the combined load. Your trailer and tow vehicle will seldom have the correct amperage flow to the brake magnets to give you comfortable, safe braking unless you make proper brake system adjustments. Changing trailer load and driving conditions, as well as uneven alternator and battery output, can mean unstable current flow to your brake magnets.

It is therefore imperative that you maintain and adjust your brakes as set forth in the controller manual, use a properly modulated brake controller and perform the synchronisation/adjustment procedure recommended by the brake controller supplier.



IMPORTANT SAFETY NOTICE

Proven and in some cases approved service methods and correct repair procedures are essential for the safe, reliable operation of the brakes, suspension and axles as well as the personal safety of the individual doing the work.

The numerous variations in procedures, techniques, tools and parts for servicing axles, as well as in the skill of the individual doing the work will determine outcomes. This manual cannot possibly anticipate all such variations nor provide advice or cautions as to each.

Accordingly, anyone who departs from the instructions provided in this manual must first establish that they neither compromise their personal safety nor the vehicle integrity by their choice of methods, tool's or parts.

***IF AT ALL IN DOUBT PLEASE REFER ALL REPAIRS AND MAINTENANCE TO A SUITABLY QUALIFIED OR EXPERIENCED MECHANICAL REPAIRER.**

***EZYTRAIL CAMPERS ACCEPTS NO LIABILITY FOR PERSONAL INJURY, LOSS OR DAMAGE RESULTING FROM INCORRECT APPLICATIONS, METHODS AND FAILURE TO PERFORM MAINTENANCE SAFELY AND CORRECTLY.**

BRAKE ADJUSTMENT



Brakes should be adjusted:

1. after the first 500km of operation when the brake shoes and drums have "burnished"
2. at no more than 10,000km intervals.
3. or as use and performance requires.

Never crawl under your trailer unless it is resting on properly placed jack stands. Do not place supports on any part of the suspension system and use the designated jack point or under the spring base plate to jack trailer.

BRAKE CLEANING AND INSPECTION

Your trailer brakes must be inspected and serviced at 10,000km or more often as required by use and performance. Magnets and shoes must be changed when they become worn or scored to avoid inefficient vehicle braking.



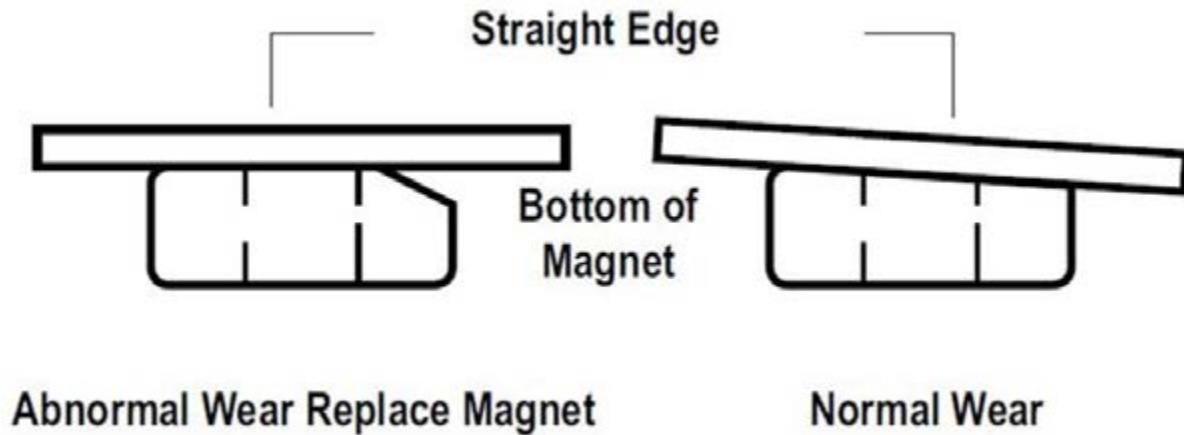
BRAKE LUBRICATION

This should only be done by qualified persons.

CAUTION - DO NOT GET GREASE OR OIL ON THE BRAKE LININGS, DRUMS OR MAGNETS.

MAGNETS

Your electric brakes are equipped with high quality electromagnets that are designed to provide the proper input force and friction characteristics. Your magnets should be inspected and replaced if worn unevenly or abnormally.



Even if wear is normal as indicated by your straightedge, the magnets should be replaced if any part of the magnet coil has become visible through the friction material facing of the magnet. It is also recommended that the drum armature surface be refaced when replacing magnets.

Magnets should also be replaced in pairs - both sides of the axle.

Always use genuine OEM parts.

SHOES AND LININGS

A simple visual inspection of your brake linings will tell if they are useable.

Replacement is necessary if the lining is worn (to within 1.5mm or less), contaminated with grease or oil or abnormally scored or gouged. It is important to replace both shoes on each brake and both brakes of the same axle. This is necessary to retain the "balance" of your brakes.

Be sure to replace your shoes only with genuine parts available from our outlets.

CORROSION PREVENTION

It's important to take steps to prevent corrosion of parts on your trailer to extend the service life. Many fittings are high tensile or zinc plated. Fittings such as this can benefit from additional protection. Some helpful products to prevent corrosion are "Lanotec", "WD40", "Inox" and similar products. These can be spray applied and do a very good job of protecting metal surfaces, particularly in corrosive and aggressive environments near the ocean and inland waterways.

Often, we take our campers and caravans to salt water environments. Driving through salt water is never recommended as the residual chloride ions accelerate corrosion greatly. If you are camping near or driving through these kinds of environments, we highly recommend that your trailer be thoroughly cleaned after use. Flushing the chassis and washing and rinsing your trailer is important.

WHEELS AND TYRES

HIGHWAY

Recommended Settings:

- Tyre pressure (up to 2000Kg ATM) - 36 psi. (sealed highways)
- Tyre pressure (2000kg to 2500Kg ATM) - 55 psi (sealed highways)
- Tyre pressure (over 2500Kg ATM) - 70 psi (sealed highways)
- It is recommended to reduce tyre pressures by 30% in offroad situations
- Wheel nuts - 125 Nm

OFF ROAD

Off road driving requires lower tyre pressures and lower speeds. When driving on rough and corrugated road, a reduction of speed and controlled deflation of tyres is required to protect the caravan and its suspension from damage. In extreme circumstances tyre pressures may be reduced significantly. When lowering from highway pressure, a rule of thumb is to reduce your speed by the same percentage as the lowering of tyre pressure. Because off road conditions can vary greatly, you must lower your pressures and reduce speed until vibration and shock through the suspension is at a moderate level to suit the conditions you are experiencing, and the loaded weight of your caravan.

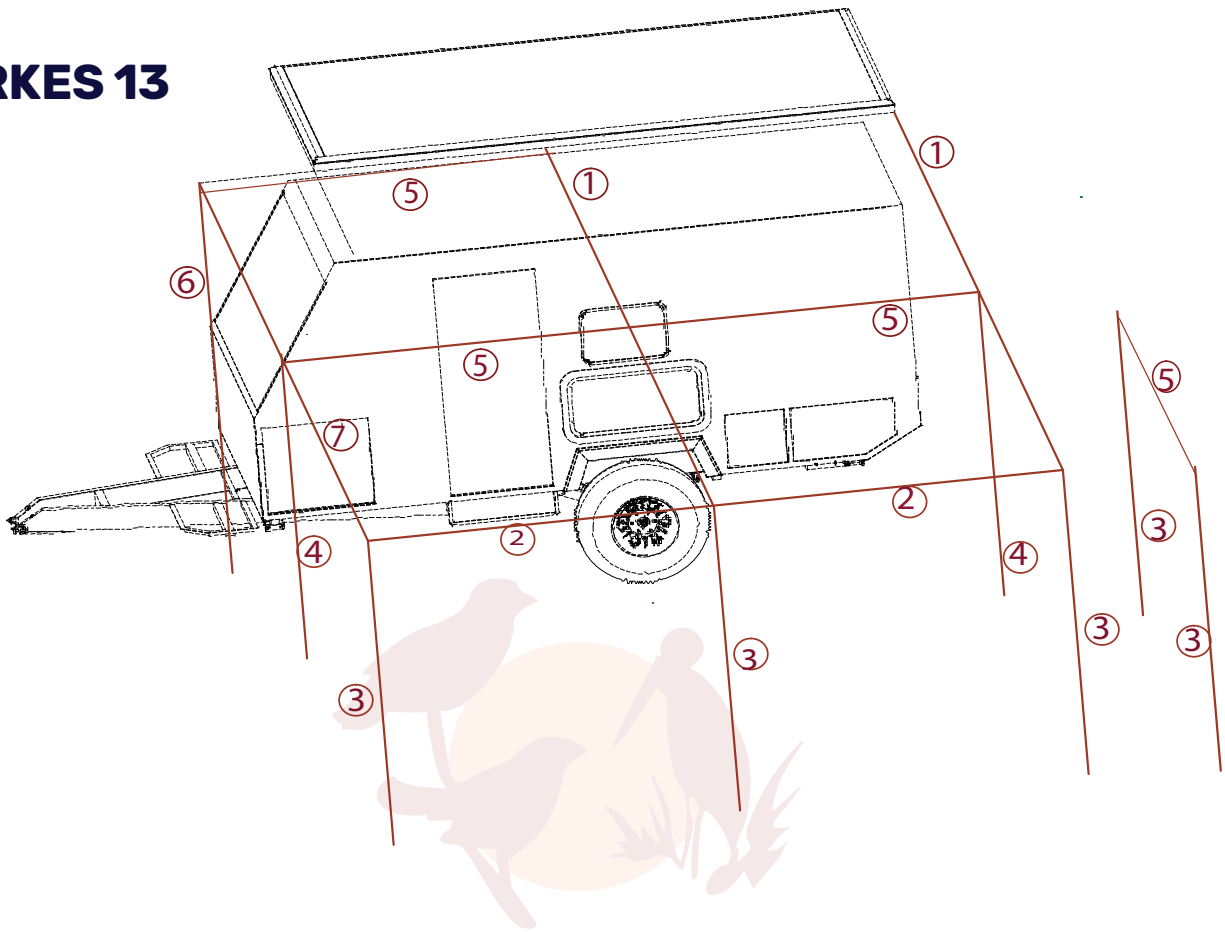


WARNING: WHEN RETURNING TO THE HIGHWAY OR WHEN INCREASING SPEED, YOU MUST REINFLATE THE TYRES TO CORRECT HIGHWAY PRESSURES. FAILURE TO REINFLATE CAN CAUSE SEVERE HANDLING PROBLEMS RESULTING IN INJURY OR DEATH.

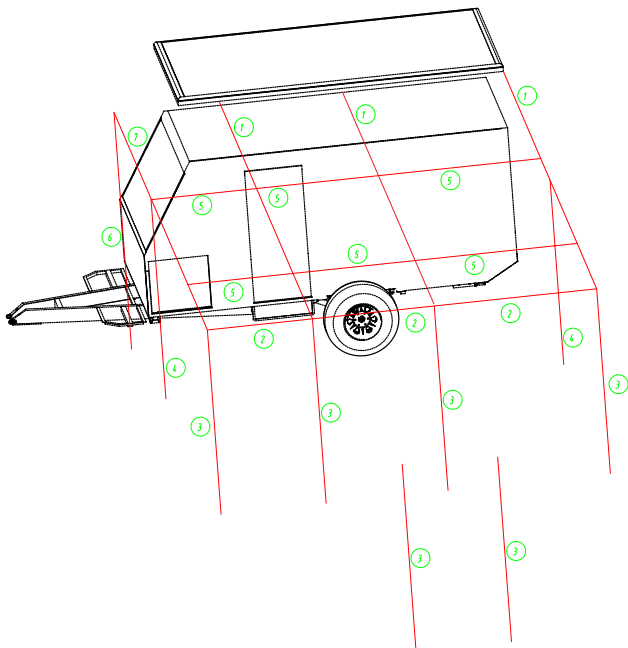


ANNEXE SETUP

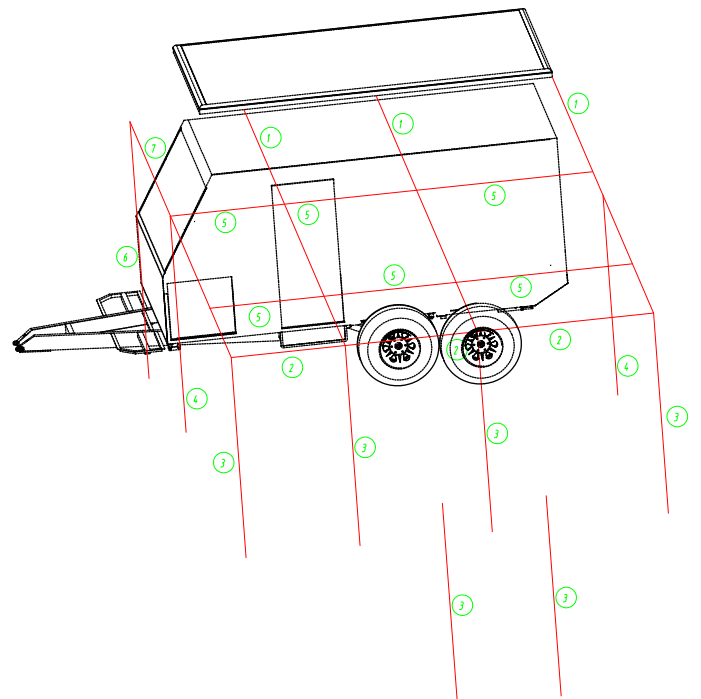
PARKES 13



PARKES 15



PARKES 18



ELECTRICAL SYSTEMS

CHARGERS & INVERTERS

For detailed information on the appliances installed in your camper please refer to the manuals included in your camper handover.



CAUTION

ELECTRICAL DEVICES CAN BE DANGEROUS. UNDER NO CIRCUMSTANCES SHOULD REPAIRS AND MODIFICATIONS BE ATTEMPTED BY UNQUALIFIED OR UNTRAINED PERSONS. EZYTRAIL ACCEPTS NO LIABILITY FOR ANY PERSONAL INJURY, DAMAGES OR LOSS AS A RESULT OF UNQUALIFIED OR UNTRAINED PERSONS REPAIRING OR ALTERING THE ELECTRICAL SYSTEMS ON THIS PRODUCT. IF IN DOUBT CALL YOUR LOCAL EZYTRAIL BRANCH

BATTERY CARE

Your camper is fitted with 100Ah Deep Cycle Batteries, designed to allow you to stay off the grid longer. Maintaining these batteries will ensure a long service life. Storage type batteries require periodical maintenance to perform at their peak and extend their service life. The following is an outline on how to gain the best performance and lifecycle from the battery fitted in your camper:

- Give the batteries a maintenance charge at least once per month.
- When possible leave the battery connected to a smart charger that will cycle and maintain the battery during storage. If this isn't possible check and charge at regular intervals to prevent excessive discharge.
- Always use a quality charger that caters to the voltage requirements of a deep cycle battery.
- Never leave your battery stored at low volts. Before storing your camper ensure that battery/s is fully charged, and all power is disconnected/switched off.
- When in use try to keep your battery at or as close to maximum capacity as possible.
- Never use unregulated solar power direct to your batteries.
- Allowing your battery voltage to drop below 12.05V can permanently damage its performance and reduce its service life.



DEEP CYCLE BATTERY - STATE OF CHARGE

Level	Voltage
100%	13.00V
90%	12.75V
80%	12.50V
70%	12.30V
60%	12.15V
50%	12.05V
40%	11.95V
30%	11.81V
20%	11.66V
10%	11.51V
0%	10.50V

ELECTRICAL SYSTEMS

CONTROL PANEL

1. USB Socket
2. 12V Cig Socket
3. Front Water Tank gauge
4. Battery Charge %
5. Rear Water Tank gauge
6. Battery Voltage Meter
7. Amp Usage Meter
8. Main Power (Master Switch)
9. Fridge Power (Master Switch)
10. 12V Socket Power (Master Switch)
11. Lights (Master Switch)
12. Water Pump 1 (Master Switch)
13. Water Pump 2 (Master Switch)



- * Voltmeter will indicate battery voltage when idle or charge voltage when charging
- * Amp meter will show current being used not charge current

GAS & WATER SYSTEMS

HOT WATER SYSTEM

Your caravan is fitted with a Swift 240V/Gas storage boiler.

Please read the manual provided with this system at the time of purchase.

For further information go to:

www.swiftappliancegroup.com.au/files/Hot%20Water%20Installation%20&%20operating%20Instructions.pdf



WARNING:

- DO NOT OPERATE WHILST TOWING.
- DO NOT OPERATE IN ENCLOSED SPACES.

WATER PUMPS

The pump when switched on is activated by the release of pressure at the tap and will pump water continuously until the tap is turned off and pressure restored.

GAS & WATER SYSTEMS

CONNECTING THE GAS

Your caravan is fitted with plumbed gas with the regulator and gas bottle placement at the front of the trailer. Always ensure gas bottles are serviceable and within the 10-year service life. This information is stamped on the bottle base.

Once you connect your gas bottle you can connect the kitchen gas hose to the bayonet connection provided. Once the bayonet is secure, ensure all controls on the stove are in the "Off" position and then turn on the gas bottle valve. Connect the water and gas as shown (A). Both have click and twist connectors. To switch on the stove, simply turn the flame regulator counter-clockwise while pushing down (B); the clicking noise stops when the flame is activated. Make sure gas bottle and gas line regulator are open. To replace the battery of the stove, you simply lift the stove out of its frame. The battery box contains 1x Type D battery (C).

NOTE: It can take up to a minute or so for the gas to purge the line and flow through the burners.



PROTECTING FROM MOULD

Mould is very difficult to clean once a porous surface is affected. There are several ways you can prevent the occurrence of mould on your caravan:

- Never leave your caravan packed away with a wet interior.
- If you must leave a campsite with wet canvas or a damp interior, be sure to open and dry out your caravan thoroughly at the very first opportunity when you get home. Mould can develop in just a couple of days so don't take the risk.
- When packing up dry, it is important to check under the mattress that there is no build-up of condensation overnight. Body heat on a mattress can create enough temperature difference between the interior and exterior for moisture to form under it. If left unchecked this can cause mould when your caravan is stored.

You can also keep a moisture absorber product such as DampRid, Hippo, or other silica gel dessicants, in your Parkes van while it is stored to help attract and absorb any potential moisture.

PRE-TRIP CHECKLIST

Working from a checklist will help avoid forgetting important tasks particularly in regard to safety. Individual camper set ups may differ depending on tow vehicle and any modifications made by the owner. The table below is for guidance only:

PRE HOOK UP			
Water tanks full & locking cap secure		Stabiliser leg handle in trailer	
Bearings checked and serviced at last service		Hitch secured to receiver all pins and locks engaged	
Hitch greased and checked		Anderson plug connected	
Wheel nuts tight and torqued to correct tension		Safety chains and shackles connected to car	
All external fittings secure		All lights working	
Gas bottles and jerry cans secured		Trailer is sitting at correct level	
Chains and shackles in serviceable condition		Do a walk around and check	
All latches and door locks secure		Trailer lights plugged in	
All cables and plugs are in serviceable condition		All cables clear of possible damage	
Tyres in serviceable condition and correct pressure		Chains are crossed and at correct length	
Bearing caps secure		Trailer brakes engaging when brakes applied	
Stabiliser legs working & secure in travel position		Jockey wheel is raised and locked	

USEFUL ACCESSORIES

LEVELLING BLOCKS

These are excellent for levelling your trailer on set up. Stabiliser legs are not meant for correcting the trailer angle, they are there to keep it stable when people are in it. Using levelling blocks will extend the service life of the stabiliser legs and make set up much safer and faster. See below images.



WHEEL CHOCKS

Wheel chocks are an important safety device when leaving your trailer parked on even the slightest incline. On level ground it is recommended to chock both sides of the wheel. On a hill you should chock the wheels on the downhill side ensuring the chocks are firmly pressed against the tyre.



COVERS

Hard floor campers and caravans will benefit greatly from a storage cover. Perishable fittings such as rubber seals and plastic will be protected from UV radiation. Paint and gelcoat finishes will oxidise less and this will extend the service life of these finishes.

STONE PROTECTION

There are proprietary devices available that assist in protecting your trailer from stones thrown up by the tow vehicle. Rock Tamer and Stone Stomper are two of the most commonly used.



TROUBLE SHOOTING

ELECTRICAL

PROBLEM	POSSIBLE CAUSE	SOLUTION
No 12V Power	Main Power Switch "OFF"	Turn on Main Power Switch
	Flat battery	Charge battery
	Faulty battery	Replace battery
	Main circuit breaker tripped	Reset main circuit breaker
	Loose battery terminals	Tighten terminals
	Damaged wiring	Find damage and repair/replace
Battery not charging	Faulty battery	Have battery tested and replaced if faulty
	No mains power	Indicated by charger not turning on. Check mains power, if charge still doesn't switch on, the charger may be faulty. Contact dealer for warranty or replacement.
	Faulty charger	A charger fault will be indicated by fast flashing on the charger control panel. Contact dealer for warranty or replacement.
	Charger overheated	Rest for 30 minutes and try again. Ensure adequate ventilation around charger and allow to cool. Do not store items around electronics.
	Tripped circuit breaker	Reset breaker
	Tripped circuit breaker	Reset breaker
Lights or plugs not working	Poor connection	Find and rectify
	Circuit switch "OFF"	Check control panel and switch to "ON"
	Tripped circuit breaker	Reset breaker
No power to fridge	Poor connection	Find and rectify
	Circuit switch "OFF"	Check control panel and switch to "ON"
Indicators or park lights not working	Poor connections at trailer plug	Check and clean plug contacts. If pins are closed, use a knife or small screwdriver to separate the spit in pin slightly. This gap should be even along length of pin.
	Poor connection	Check 12V connections are tight
Inverter not powering	Power switch is "OFF"	Turn on Main Power Switch
	Flat battery	Charge battery
Circuit breaker tripping during use	Inverter Fault Protection Indicator ON	Refer to User Manual
	Overloading	Check amperage draw from appliance
Battery not charging	Faulty appliance	Check appliance and rectify
	Faulty connection at plug	Check plug and ensure a firm connection
	50A circuit breaker tripping	Check for short-circuits, and check the 50A breaker with a multimeter

TROUBLE SHOOTING

WATER

PROBLEM	POSSIBLE CAUSE	SOLUTION
Pump not working (no noise)	No power from control panel	Check circuit breaker
	Flat Battery	Charge battery
	Faulty pressure switch	Replace pump, Contact dealer for replacement
	Bad electrical connection	Check connections with multimeter or test light
Pump working but no water flow	Airlock in water lines	Turn on tap and hold finger over nozzle for 5 seconds and release. Repeat several times. If this fails, fill water tank and use mains pressure to pressurize tank
	Water tank is empty	Fill water tank
	Kinked hose	Check hoses ensuring none are fouled
	Damaged / worn pump diaphragm	Repair or replace pump

GAS

PROBLEM	POSSIBLE CAUSE	SOLUTION
Cooker not igniting	Gas bottle empty	Fill gas bottle
	Gas bottle not turned on	Turn on valve on gas bottle
	Gas hose on cooker not connected	Check bayonet is securely connected into receiver
	Regulator blocked	Check regulator is not blocked with dirt, wasps nests etc
	Stove dirty	Clean stove of grease/dirt buildup
	Kinked hose	Check hose is not twisted and kinked

* Remember that first use after connecting gas will take a little while for the gas to purge the line to the cooktop. Hold the control knob down for up to 5 minutes

BRAKES

PROBLEM	POSSIBLE CAUSE	SOLUTION
No brakes	Open Circuits	Find and correct
	Severe under adjustments	Adjust brakes
	Faulty controller	Test and correct/replace
	Short circuits	Find and correct
Weak Brakes	Grit or oil on linings or magnets	Clean or replace
	Corroded connection	Clean or replace connectors
	Worn lining or magnets	Replace
	Scored or grooved brake drums	Machine or replace
	Poor Synchronisation	Correct Controller setting
	Poor Brake adjustment	Adjust Brakes
	Glazed brake Linings	Re-burnish or replace linings
	Overloaded trailer	Correct loading. Check at weighbridge
Brakes Locking	Poor Synchronising with controller	Adjust controller
	Poor Adjustment	Adjust brakes as per instructions
	Faulty controller	Test and rectify or replace
	Loose, bent or broken components	Inspect and replace components
	Insufficient wheel load (dual Axle)	Correct trailer level to even load
Intermittent brakes	Faulty controller	Test and Correct
	Broken Wires	Repair or replace
	Loose connections	Find and repair

HANDY TIPS

DRIVING OFF ROAD

Towing your caravan off road adds many dimensions to the driver's responsibilities and factors to be considered. When travelling remote always carry enough spare parts and supplies to cater for a "worst case scenario."

Always perform preventative maintenance and daily checks. Minimum trailer spares would consist of:

- Wheel Bearings
- Seals
- Wheel studs and nuts

These spares are available from Ezytrail Campers

CORRUGATIONS & ROUGH ROAD

Corrugations are arguably the most taxing and damaging road conditions to vehicles. Constant vibration can loosen vehicle components and as a stress dynamic to vehicles and drivers well in excess of normal road driving. In these conditions take regular breaks to reduce driver fatigue and fatigue to vehicles.

Shock absorbers can become extremely hot on corrugated roads which can cause damage to seals resulting in shock absorber fade (reduction in damping effect) and in extreme cases failure of the seal completely.

On rough and corrugated roads, it's important to adjust tyre pressures on your car and trailer to soften the effect and extend the contact patch of the tyre on the road.

BULLDUST

This phenomenon is common on outback roads. Fine dust can settle in large holes obscuring them from unsuspecting drivers. It is important to reduce speed in these conditions and drive carefully to avoid the possibility of damage or an accident.

WILDLIFE

Australian outback roads are notorious for wandering stock and native wildlife which can be a serious danger to motorists. Due care must always be taken, and the possibility of an animal strike considered in regard to speed and time of day you are driving. Most animals in the outback are more active at night which greatly increases the likelihood of an animal strike between dusk and dawn. Towing a camper or caravan increases braking distance and has inherent risk associated with aggressive and defensive manoeuvring to avoid a collision.

SAND

When driving on sand it is important to lower tyre pressures on both the vehicle and trailer. By lowering the pressure you will effectively create a larger footprint for the tyre which will reduce how far it sinks in sand.

Sand shape and compaction will vary around the country so necessary reduction in tyre pressure will vary. Always keep in mind the lower the pressure the lower the speed you should travel.

When lowering pressures to 20psi or less you also increase the chance of rolling the bead of the tyre off the rim so sharp turns should be avoided. When driving these conditions, it is strongly advised you carry a tyre pressure gauge/deflator and a portable compressor to reinflate when back on the highway.

CAUSEWAYS

Outback roads often have causeways to control water runoff and prevent erosion of the road. When travelling at speed these causeways can be a danger to motorists and vehicles so due care should be taken to reduce speed when approaching them. In very remote areas these often won't have signposts so special care should be taken in these areas.

CREEK AND RIVER CROSSINGS

These crossings can be extremely dangerous even in low water levels and should never be attempted in times of even mild flooding. Towing a camper or caravan greatly elevates the risk in this situation and should never be attempted unless you are completely assured it is safe to do so.

If there is any doubt about access in flood prone areas, you should contact the local authorities to find out conditions and dangers before you proceed.

PROTECTING THE ENVIRONMENT

Remote areas and National Parks are sensitive areas and all precautions should be taken not to damage tracks, interfere with flora and fauna and not to contaminate the area. In sensitive areas it is advisable to use grey water tanks and contained toilets. If your camper or caravan isn't fitted with such, both toilets and grey water tanks are available as portable self-contained units.

Always store food, food scraps and rubbish in secure containers, native animals can be quite resourceful in scavenging for scraps. Dingos have been known to open locked eskies to get to food so don't chance it, always secure these items when travelling.

TRIP PLANNING

* When planning remote trips always consider where you will resupply for fuel, food and water.

Some remote fuel stations may run out of fuel during busy periods or times when large fuel trucks are unable to access the area due to road conditions and closures or simply close outside of the season.

Always check conditions and availability of fuel before setting out to remote areas.

SHIRE COUNCILS

There are many resources available for planning your trip away. Every state has a tourism website as so regional councils which will give you extensive information on camping sites, things to do and see, events happening in the area and contact information for booking sites or activities.

NATIONAL PARKS

Each state's national parks organisation have a website to assist in finding campsites and provide specific information about each parks unique qualities. As a planning resource these are extremely good. All contact information will be available.

WIKICAMPS

This smartphone app is an excellent resource for finding all kinds of camping across Australia. If you are looking for free camping you won't find a better resource. There is an app add on that even assists in finding fuel stops with user updates on fuel prices.

FACEBOOK

These days there are numerous Facebook groups dedicated to travelling with campers and caravans and also groups dedicated to travel in specific areas. The area specific groups have many locals as members and are a great way to find out local track closures, conditions and research the area in general.



WARRANTY STATEMENT

The following information relates to warranties offered by Ezytrail. Please read all the information carefully, and should you have any questions relating to any aspect of this section, then please contact Ezytrail. By purchasing an item from Ezytrail, you hereby agree to all terms and conditions of warranty as set out herein.

VALIDITY OF CLAIMS

- Warranties are only valid to the original purchaser of the item in question and are valid from the original date of purchase only.
- Warranties apply only to items sold as "new" and do not extend to any items sold via auction, or deemed to be "factory seconds", "ex-demonstration" or "damaged" unless specifically stated otherwise by Ezytrail in writing. (Please see further on this page for more information).
- Warranties are not transferable under any circumstances. Similarly, if an item is sold to a third party by the original purchaser, then all warranties become null and void, and the original purchaser shall make no claims or be eligible for any claims on behalf of the new owner.
- Warranties do not apply to products purchased from Ezytrail and then used in hire schemes or as rentals.
- Ezytrail does not cover damage due to unauthorised modifications, misuse, abuse, incorrect assembly, improper and irregular maintenance, or accident or collision.
- Any work performed under an authorised warranty claim approved by Ezytrail must be performed by Ezytrail, or an authorised representative of Ezytrail and only with the express written permission of Ezytrail.
- Any affiliates, representatives, associates, agents, suppliers, resellers or similar of Ezytrail shall have no authority to authorise or deny warranty claims on behalf of Ezytrail.

Ezytrail shall not be liable, (in part or whole) for any warranties, either express or implied, made by agents or resellers on behalf of Ezytrail without the knowledge or express written permission of Ezytrail. Such unauthorised claims shall be the responsibility of the agent or reseller only.

CARAVANS & CAMPER TRAILERS

Unless stated otherwise, caravans & trailers only are covered by a 12 month limited manufacturer's warranty from the original date of purchase.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

ITEMS NOT COVERED UNDER WARRANTY INCLUDE:

- Rust
- Wheels and Tyres
- Paint
- Travel Covers and Straps
- General consumables (eg bearings, light bulbs etc)
- Zips and mesh or screens are not covered.

In addition to Ezytrail warranty, the consumer may also be covered by other rights and remedies of Consumer Law in relation to the goods and or services to which this warranty relates

TENTS

Tents are guaranteed to be in new merchantable condition at the time of purchase.

A limited manufacturer's warranty period of 12 Months applies to Ezytrail canvas components, poles and fittings. General wear and tear excepted.

LOGGING A CLAIM

All warranty claims MUST BE LODGED through our website using our online Warranty Claim Form.

CONTACT

If you have any further questions relating to warranties, or are unsure about any aspect of this section, then please contact us:

Phone: 1300 399 875

Online: www.ezytrailcampertrailers.com.au/help-center

MAINTENANCE

Maintenance is essential to keep your caravan in a safe and usable condition. Caravans are no different to any other motor vehicle and require servicing at regular intervals which may vary according to use and the environment in which it is used. The service schedule outlines the service intervals for safe travelling and your owner obligations under our warranty policy. Servicing should always be carried out by a competent person with relevant experience.



WARNING:

- NEVER WORK BENEATH THE CARAVAN WHILE SUSPENDED ON A JACK. ALWAYS USE "JACK STANDS" WITH AN ADEQUATE SWL (SAFE WORKING LOAD).
- ALWAYS USE DEDICATED JACKING POINTS
- 240V APPLIANCES AND WIRING MUST ONLY BE SERVICED AND REPAIRED BY A QUALIFIED TRADESPERSON.
- GAS PLUMBING MUST ONLY BE SERVICED AND REPAIRED BY A QUALIFIED GAS FITTER

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	Daily In Use	CHECKED	3 Months/ 1,000Km		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS			A	A	
BREAKAWAY SYSTEM	I		I	I	
CHASSIS LUBE			I	I	
ELECTRIC WINCHES			I	I	
12V POWER SYSTEM			T	T	
HAND WINCHES			I	I	
HITCH	I		A	A	
240V POWER SYSTEM			T	T	
JOCKEY WHEEL	I		I/A	I/A	
LOCKS AND HINGES	I		I/A	I/A	
PANEL AND PAINT			I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I		T	T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES			I	I	
SUSPENSION TORQUE			A	A	
TYRE PRESSURE	I		I/A	I/A	
VENT FILTERS			C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS			A	A	
WHEEL NUTS	I		I/A	I/A	

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	2,500KM	CHECKED	6 Months/ 5,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS	I/A		A	I/C/A	
BREAKAWAY SYSTEM					
CHASSIS LUBE	L		I	L	
ELECTRIC WINCHES	I		I	I	
12V POWER SYSTEM	I		I	I	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I	I/L/A	
240V POWER SYSTEM	I		I	I	
JOCKEY WHEEL	I		I	I	
LOCKS AND HINGES	I		I	I/C	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER					
TRUMA WATER HEATER	Refer to manufacturers maintainence instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I	I/A	
SUSPENSION BUSHES	I		I	L	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		A	RCL	
WHEEL NUTS	I/A		I/A	I/A	

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	7,500KM	CHECKED	12 Months/ 10,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A/L	
BRAKE LININGS	A		I/A	I/C/A	
BREAKAWAY SYSTEM			I	I	
CHASSIS LUBE	I		L	L	
ELECTRIC WINCHES	I		I	I/L	
12V POWER SYSTEM	I		I/T	I/T	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I/L/A	I/L/A	
240V POWER SYSTEM	I		I/T	I/T	
JOCKEY WHEEL	I		I/L/A	I/L/A	
LOCKS AND HINGES	I		I/L/A	I/L/A	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		I/T	I/T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES	I		L	RCL	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
WHEEL NUTS	I/A		I/A	I/A	

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	12,500KM	CHECKED	18 Months/ 15,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS	A		A	I/C/A	
BREAKAWAY SYSTEM					
CHASSIS LUBE	I		I	L	
ELECTRIC WINCHES	I		I	I	
12V POWER SYSTEM	I		I	I	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I	I/L/A	
240V POWER SYSTEM	I		I	I	
JOCKEY WHEEL	I		I	I	
LOCKS AND HINGES	I		I	I/C	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER					
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I	I/A	
SUSPENSION BUSHES	I		I	L	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		A	RCL	
WHEEL NUTS	I/A		I/A	I/A	

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	17,500KM	CHECKED	24 Months/ 20,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A/L	I/A/L	
BRAKE LININGS	A		I/C/A	I/C/A	
BREAKAWAY SYSTEM			I	I	
CHASSIS LUBE	I		L	L	
ELECTRIC WINCHES	I		I/L	I/L	
12V POWER SYSTEM	I		I/T	I/T	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I/L/A	I/L/A	
240V POWER SYSTEM	I		I/T	I/T	
JOCKEY WHEEL	I		I/L/A	I/L/A	
LOCKS AND HINGES	I		I	I/L/A	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		I/T	I/T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES	I		L	RCL	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		RCL	R	
WHEEL NUTS	I/A		I/A	I/A	

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	22,500KM	CHECKED	30 Months/ 25,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS	A		A	I/C/A	
BREAKAWAY SYSTEM					
CHASSIS LUBE	I		I	L	
ELECTRIC WINCHES	I		I	I	
12V POWER SYSTEM	I		I	I	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I	I/L/A	
240V POWER SYSTEM	I		I	I	
JOCKEY WHEEL	I		I	I	
LOCKS AND HINGES	I		I	I/C	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER					
TRUMA WATER HEATER	Refer to manufacturers maintainence instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I	I/A	
SUSPENSION BUSHES	I		I	L	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		A	RCL	
WHEEL NUTS	I/A		I/A	I/A	

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	27,500KM	CHECKED	36 Months/ 30,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A/L	I/A/L	
BRAKE LININGS	A		I/C/A	I/C/A	
BREAKAWAY SYSTEM			I	I	
CHASSIS LUBE	I		L	L	
ELECTRIC WINCHES	I		I/L	I/L	
12V POWER SYSTEM	I		I/T	I/T	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I/L/A	I/L/A	
240V POWER SYSTEM	I		I/T	I/T	
JOCKEY WHEEL	I		I/L/A	I/L/A	
LOCKS AND HINGES	I		I	I/L/A	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		I/T	I/T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES	I		L	RCL	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		RCL	R	
WHEEL NUTS	I/A		I/A	I/A	

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	32,500KM	CHECKED	42 Months/ 35,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS	A		A	I/C/A	
BREAKAWAY SYSTEM					
CHASSIS LUBE	I		I	L	
ELECTRIC WINCHES	I		I	I	
12V POWER SYSTEM	I		I	I	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I	I/L/A	
240V POWER SYSTEM	I		I	I	
JOCKEY WHEEL	I		I	I	
LOCKS AND HINGES	I		I	I/C	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER					
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I	I/A	
SUSPENSION BUSHES	I		I	L	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		A	RCL	
WHEEL NUTS	I/A		I/A	I/A	

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	37,500KM	CHECKED	48 Months/ 40,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A/L	I/A/L	
BRAKE LININGS	A		I/C/A	I/C/A	
BREAKAWAY SYSTEM			I	I	
CHASSIS LUBE	I		L	L	
ELECTRIC WINCHES	I		I/L	I/L	
12V POWER SYSTEM	I		I/T	I/T	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I/L/A	I/L/A	
240V POWER SYSTEM	I		I/T	I/T	
JOCKEY WHEEL	I		I/L/A	I/L/A	
LOCKS AND HINGES	I		I	I/L/A	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		I/T	I/T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES	I		L	RCL	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		RCL	R	
WHEEL NUTS	I/A		I/A	I/A	

MAINTENANCE SCHEDULE

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	42,500KM	CHECKED	54 Months/ 45,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A	
BRAKE LININGS	A		A	I/C/A	
BREAKAWAY SYSTEM					
CHASSIS LUBE	I		I	L	
ELECTRIC WINCHES	I		I	I	
12V POWER SYSTEM	I		I	I	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I	I/L/A	
240V POWER SYSTEM	I		I	I	
JOCKEY WHEEL	I		I	I	
LOCKS AND HINGES	I		I	I/C	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		T	T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER					
TRUMA WATER HEATER	Refer to manufacturers maintainence instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I	I/A	
SUSPENSION BUSHES	I		L	L	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		A	RCL	
WHEEL NUTS	I/A		I/A	I/A	

A=Adjust C=Clean I=Inspect T=Test R=Replace
RCL=Remove/Clean/Lubricate

ITEM/COMPONENT	47,500KM	CHECKED	60 Months/ 50,000KM		CHECKED
			ONROAD	OFFROAD	
BATTERY CONDITION	I		T	T	
HANDBRAKE CABLE	I		I/A	I/A/L	
BRAKE LININGS	A		I/A	I/C/A	
BREAKAWAY SYSTEM			I	I	
CHASSIS LUBE	I		L	L	
ELECTRIC WINCHES	I		I/L	I/L	
12V POWER SYSTEM	I		I/T	I/T	
HAND WINCHES	I		I/C	I/C	
HITCH	I		I/L/A	I/L/A	
240V POWER SYSTEM	I		I/T	I/T	
JOCKEY WHEEL	I		I/L/A	I/L/A	
LOCKS AND HINGES	I		I	I/L/A	
PANEL AND PAINT	I		I	I	
LPG SYSTEM	I		I/T	I/T	
PLUMBING SYSTEM	I/C		I/T	I/T	
SWIFT WATER HEATER			T	T	
TRUMA WATER HEATER	Refer to manufacturers maintenance instructions for servicing and storage				
SEALS AND GROMMETS	I		I	I	
SIGNALLING LIGHTS	I/T		I/T	I/T	
STRUCTURAL FIXINGS	I		I/A	I/A	
SUSPENSION BUSHES	I		L	RCL	
SUSPENSION TORQUE	A		A	A	
TYRE PRESSURE	I/A		I/A	I/A	
VENT FILTERS	C		C	C	
WHEEL ALIGNMENT	I		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
WHEEL NUTS	I/A		I/A	I/A	



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North Geelong VIC 3215

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Canning Vale WA 6155

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