

CEDUNA 13/15 RANGE OWNER'S HANDBOOK

All the info you need to know when using your
Ezytrail Ceduna 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. Specifications may change without notice.



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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 Caravan. 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.

WARNING - BALL LOADING (DOWNWARD LOAD ON TOW HITCH) MUST NOT EXCEED THE LOAD LIMIT STATED ON YOUR VIN PLATE, 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. 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.

NOTIFICATION: Your 240V electrical system in Australia is restricted by design rules to a maximum operating current of 16A. Please note that using multiple 240V devices at the same time may cause a circuit overload, necessitating a reset of the 240V RCD. The main input RCD can be found at the external 240V inlet connection point (for VX and Airlie models), at the internal switchboard (for VZ, MK3, and Robe models), and on the inverter itself (all models except Robe). In the event of an overload, switch off all 240V appliances before resetting the RCD, and limit the total load on the system to avoid future overloads.

TERMINOLOGY & ABBREVIATIONS

Ball Weight: The downward load exerted on the tow point of the vehicle by the trailer

Tare Weight: The total weight of the unoccupied, unladen trailer ready for use with all included fitments from the supplier. Empty water tanks.

ATM (Aggregate Trailer Mass): The total mass of the laden trailer when carrying the maximum load recommended by the manufacturer. This includes any mass imposed upon the drawing vehicle when the combination vehicle is resting on the horizontal supporting plane.

GTM (Gross Trailer Mass): The mass transmitted to the ground by the axle or axles of the trailer when coupled to a drawing vehicle and carrying its' maximum load approximately uniformly distributed over the load bearing area.

GCM (Gross Combination Mass): This is the total allowable combined mass of tow vehicle and trailer as determined by the tow vehicle manufacturer

Camber: Camber angle is the measure in degrees of the difference between the wheel's vertical alignment perpendicular to the surface. If a wheel is perfectly perpendicular to the surface, its camber would be 0 degrees. Camber is described as negative when the top of the tyre begins to tilt inward towards the chassis rail.

ABOUT YOUR HYBRID OFFROAD CARAVAN

MODEL	Ceduna 13 MK3	Ceduna 15 TWIN MK3	Ceduna 15 QUAD MK3
Size	13ft Hybrid Hardtop	15ft Hybrid Hardtop	15ft Hybrid Hardtop
Layout	King size fold out master bed	King size fold out master bed	King size fold out master bed + front bunk
Colour	Grey external/White internal + decals	Grey external/White internal + decals	Grey external/White internal + decals
Overall dimensions (LxWxH)	6000mm x 2200mm x 3100mm	6750mm x 2400mm x 3100mm	6750mm x 2400mm x 3100mm
Tare Weight	2452KG	2500KG	2460KG
Ball weight	From 170KG	From 210KG	From 190KG
ATM	3000KG	3000KG	3000KG
GTM	2650KG	2700KG	2700KG
Axle LCC	2800KG	2800KG	2800KG
Wheels	16" Alloy wheels - 1.5T rated	16" Alloy wheels - 1.5T rated	16" Alloy wheels - 1.5T rated
Tyres	265/75 R16 123Q	265/75 R16 123Q	265/75 R16 123Q
Cold inflation pressure	400kPa / 58psi	400kPa / 58psi	400kPa / 58psi
Toolbox	2 x 8.5/4.0KG gas bottles holders 2 x 20L jerry can holder tie hooks	2 x 8.5/4.0KG gas bottles holders 2 x 20L jerry can holder tie hooks	2 x 8.5/4.0KG gas bottles holders 2 x 20L jerry can holder tie hooks
Chassis	Galvanised chassis and drawbar Dual 13mm chains + hammer + D shackles Rock slider impact protection bars Ezyrider independent suspension	Galvanised chassis and drawbar Dual 13mm chains + hammer + D shackles Rock slider impact protection bars Ezyrider independent suspension	Galvanised chassis and drawbar Dual 13mm chains + hammer + D shackles Rock slider impact protection bars Ezyrider independent suspension
Suspension	Pedders Ezyrider shock absorbers Bigfoot 12" brake system	Pedders Ezyrider shock absorbers Bigfoot 12" brake system	Pedders Ezyrider shock absorbers Bigfoot 12" brake system
Water and Plumbing	12V water pump 1 x 120L + 1 x 80L fresh water tanks Full gas plumbing + decals + labelling Drawbar gas bayonet + kitchen bayonet Drawbar tap External shower box Mains water inlet/city water inlet 80L grey water tank	12V water pump 2 x 120L fresh water tank Full gas plumbing + decals + labelling Drawbar gas bayonet + kitchen bayonet Drawbar tap External shower box Mains water inlet/city water inlet 80L grey water tank	12V water pump 2 x 120L fresh water tank Full gas plumbing + decals + labelling Drawbar gas bayonet + kitchen bayonet Drawbar tap External shower box Mains water inlet/city water inlet 80L grey water tank
Power system	PM400-BT RV Management system Projecta IP2000 inverter Additional RED Anderson plug to IDC25L 2 x 120Ah lithium battery 400W roof solar 300A battery isolators + inverter IDC25L Charger 500A Shunt 12V ventilator fan in power cabinet 12V ciggi sockets Double USB sockets throughout Benchtop wireless charger	PM400-BT RV Management system Projecta IP2000 inverter Additional RED Anderson plug to IDC25L 2 x 120Ah lithium battery 400W roof solar 300A battery isolators + inverter IDC25L Charger 500A Shunt 12V ventilator fan in power cabinet 12V ciggi sockets Double USB sockets throughout Benchtop wireless charger	PM400-BT RV Management system Projecta IP2000 inverter Additional RED Anderson plug to IDC25L 2 x 120Ah lithium battery 400W roof solar 300A battery isolators + inverter IDC25L Charger 500A Shunt 12V ventilator fan in power cabinet 12V ciggi sockets Double USB sockets throughout Benchtop wireless charger
Appliances	Truma Aventa AC Truma Ultrarapid gas/electric HWS Thetford wall mount cassette toilet 12V electric entry step 12V motorised cassette awning 12V ensuite fan hatch 12V skylight hatch 2 x 12V fans 12V 24" HD TV with DVD player 4 x stereo speakers 2 x reading lights External kitchen	Truma Aventa AC Truma Ultrarapid gas/electric HWS Thetford wall mount cassette toilet 12V electric entry step 12V motorised cassette awning 12V ensuite fan hatch 12V skylight hatch 2 x 12V fans 12V 24" HD TV with DVD player 4 x stereo speakers 2 x reading lights External kitchen Internal kitchen	Truma Aventa AC Truma Ultrarapid gas/electric HWS Thetford wall mount cassette toilet 12V electric entry step 12V motorised cassette awning 12V ensuite fan hatch 12V skylight hatch 4 x 12V fans 12V 24" HD TV with DVD player 4 x stereo speakers 4 x reading lights External kitchen Internal kitchen
Others	Pocket spring mattress Double spare tyre 3.5T ALKO offroad ball hitch ARK XO Jockey Wheel Ezylight annex and anti-flap kit	Pocket spring mattress Double spare tyre 3.5T ALKO offroad ball hitch ARK XO Jockey Wheel Ezylight annex and anti-flap kit	Pocket spring mattress Double spare tyre 3.5T ALKO offroad ball hitch ARK XO Jockey Wheel Ezylight annex and anti-flap kit

**Due to continuous product development the information & specifications supplied on our range is subject to change without notice. Please contact your nearest store for current specifications if required.

BEARINGS AND SEALS

Inner bearing/cup	Outer bearing/cup	Seal	Grease
25590/20	25590/20	55x85x12	cap 90mm

WARRANTY T&C's

The following relates to warranties offered by Ezytrail. Please read this information carefully, and should you have any questions, please contact your local Ezytrail store by telephone or email customerservice@ezytrail.com.au.

By purchasing an item from Ezytrail, you agree to all terms and conditions of warranty below.

Trailer Limited Warranty

Ezytrail warrants to the original retail purchaser that this Ezytrail product is free from defects in material and workmanship under normal use and maintenance from the date of retail purchase for the applicable Warranty period. This Warranty may not be transferred to any subsequent purchaser of this Ezytrail product. Certain components (e.g., wheel bearings) are excluded from coverage, and other limitations apply, as described in this document. Ezytrail will repair or replace at its discretion, any defective product or part covered by the Limited Warranty, free of charge at any authorised Ezytrail outlet using original Ezytrail replacement parts, subject to the limitations and exclusions described below. Ezytrail does not offer an over the counter exchange program.

Disclaimers, limitations and exclusions:

1. WARRANTY DISCLAIMER. THIS LIMITED WARRANTY IS THE SOLE EXPRESS WARRANTY PROVIDED BY EZYTRAIL AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, EXCEPT AS MAY BE PROVIDED BY AUSTRALIAN CONSUMER LAW. THIS WARRANTY IS GIVEN ONLY BY EZYTRAIL AND MAY ONLY BE MODIFIED BY EZYTRAIL. THIS LIMITED WARRANTY IS THE FINAL EXPRESSION OF OUR AGREEMENT AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THE TERMS OF THAT AGREEMENT. THIS LIMITED WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS UNDER AUSTRALIAN CONSUMER LAW.

For hybrid caravans the warranty period is **12 months** except for Ezytrail hybrid's draw bar and chassis which are covered by a **lifetime** structural warranty for **fatigue only**.

2. LIMITED DURATION. ANY WARRANTY THAT MAY BE IMPLIED BY LAW (INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE AN IMPLIED WARRANTY OF MERCHANTABILITY) IS LIMITED TO THE DURATION OF THE APPLICABLE WARRANTY PERIOD UNDER THIS LIMITED WARRANTY.

3. CERTAIN OTHER COMPONENTS ARE NOT COVERED. THIS LIMITED WARRANTY DOES NOT COVER ANY OF THE FOLLOWING:

Expendable parts. This limited warranty does not cover general maintenance parts and items ("Expendable parts"), including without limitation wheel bearings, wheel alignment, bulbs, filters, tires, drainage hoses.

4. OWNERS (YOUR) RESPONSIBILITIES. To preserve your rights under this Limited Warranty, you must exercise reasonable care and use of the product, including following the preventative maintenance schedule and storage.

In addition, you must cease using the product immediately upon any failure or damage. The product should be taken to an authorised Ezytrail outlet prior to any further use.

5. Damages resulting from normal aging, wear and tear or neglect are not covered. The Limited Warranty does not cover damage other than that resulting from defects in material or workmanship. The following are NOT considered defects in material or workmanship, and therefore NOT covered:

- a) Tyres damaged by external punctures;
- b) Damage to undercarriage by way of contact with rocks, or other structures; and
- c) Natural discoloration of materials due to ultraviolet light. (i.e. sunlight)

6. This Limited Warranty does not cover damages, malfunctions or failures resulting from abuse or neglect of the product related to or including any of the following:

- a) Failure to provide or perform required maintenance services as prescribed;
- b) Abuse, neglect, misuse, modifications, alterations, normal wear, improper servicing, use of unauthorised attachments, lack of lubrications;
- c) Damage to stabiliser legs or jockey wheels as a result of incorrect operation or failure to raise prior to movement;
- d) Tampering with manufacturer fitted safety devices;
- e) Any removed/damaged air vents, excessive dirt, abrasives, salt water, moisture, corrosion, rust, varnish or any other adverse reaction due to incorrect storage procedures;
- f) Failures due to improper set up, repair by anyone other than an authorised Ezytrail outlet during the warranty period; and
- g) Continued use of the product after initial operational problem or failure occurs.

Canvas Limited Warranty

Ezytrail warrants to the original retail purchaser that this Ezytrail product is free from defects in material and workmanship under normal use and maintenance from the date of retail purchase for the applicable Warranty Period. This Warranty may not be transferred to any subsequent purchaser of this Ezytrail product. Certain components (e.g., Zippers) are excluded from coverage, and other limitations apply, as described in this document. Ezytrail will repair or replace at its discretion, any defective product or part covered by the Limited Warranty, free of charge at any authorised Ezytrail outlet using Ezytrail replacement parts, subject to the limitations and exclusions described below. **Ezytrail does not offer an over the counter exchange program.**

Disclaimers, limitations and exclusions:

- 1. WARRANTY DISCLAIMER.** THIS LIMITED WARRANTY IS THE SOLE EXPRESS WARRANTY PROVIDED BY EZYTRAIL AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, EXCEPT AS MAY BE PROVIDED BY AUSTRALIAN CONSUMER LAW. THIS WARRANTY IS GIVEN ONLY BY EZYTRAIL, AND MAY BE MODIFIED ONLY BY EZYTRAIL. THIS LIMITED WARRANTY IS THE FINAL EXPRESSION OF OUR AGREEMENT, AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THE TERMS OF THAT AGREEMENT. THIS LIMITED WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS UNDER AUSTRALIAN CONSUMER LAW.

The warranty period for all Canvas products is **12 months** from the **date of purchase**.

- 2. LIMITED DURATION.** ANY WARRANTY THAT MAY BE IMPLIED BY LAW (INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE AND IMPLIED WARRANTY OF MERCHANTABILITY) IS LIMITED TO THE DURATION OF THE APPLICABLE WARRANTY PERIOD UNDER THIS LIMITED WARRANTY.

- 3. CERTAIN OTHER COMPONENTS ARE NOT COVERED.** THIS LIMITED WARRANTY DOES NOT COVER ANY OF THE FOLLOWING:

Expendable Parts. This limited warranty does not cover general maintenance parts and items ("Expendable Parts"), including without limitation zippers, mesh, aluminium poles and screens.

- 4. OWNERS (YOUR) RESPONSIBILITIES.** To preserve your right under this Limited Warranty, you must exercise reasonable care and use of the product, including following the preventative maintenance schedule and storage.

In addition, you must cease using the product immediately upon any failure or damage. The product should be taken to an authorised Ezytrail outlet prior to any further use.

- 5. Damages resulting from normal aging, wear and tear or neglect are not covered.** The Limited Warranty does not cover damage other than that resulting from defects in material or workmanship. The following are NOT considered defects in material or workmanship, and therefore are NOT covered:

- a) canvas damaged by storm or acts of nature;
- b) failure to air canvas after becoming wet; and
- c) natural discoloration of materials due to ultraviolet light. (i.e. sunlight)

- This Limited Warranty does not cover damages, malfunctions or failures resulting from abuse or neglect of the product related to or including any of the following:

- a) failure to provide or perform required maintenance services as prescribed in the Maintenance Schedule;
- b) abuse, neglect, misuse, modifications, alterations, normal wear, improper servicing, use of unauthorised attachments;
- c) failures due to improper set up, repair by anyone other than an authorised Ezytrail outlet during the warranty period; and
- d) continued use of the product after initial operational problem or failure occurs

Exclusions

Items not covered under warranty include:

1. rust;
2. wheels and tyres;
3. paint;
4. travel covers and straps; and
5. general consumables (bearings, brake pads etc).

Factory Seconds, Ex-Demonstration and Damaged Goods

Occasionally Ezytrail may offer items for sales deemed to be "Factory Seconds", "Ex-Demonstration", or "Damaged". Such items are sold on an "as is" basis.

No warranties, refunds, credits, exchanges or similar associated apply to "Factory Seconds", "Ex-Demonstration", or "Damaged" items. Upon selling these items, Ezytrail will attempt to provide all relevant information with regards to the item; including faults, defects or similar. Note, there may be instances where minor defects or imperfections have been overlooked. Understand this is unintentional and in no way alters the nature of the sale.

"Ex-Demonstration", "Factory Seconds" or "Damaged", due to their nature, it is reasonable to expect that some imperfections or flaws may exist including those that were not initially apparent. By purchasing a "Factory Second", "Ex-Demonstration", or "Damaged", you agree to this statement in full and accept that there are no warranties implied or expressed.

Claims Validity

1. Warranties are only available to the original purchaser of the item.
2. Warranties are valid from the original date of purchase only.
3. Warranties apply only to items sold as "new".
4. Warranties do not extend to items deemed to be "Factory Seconds", "Ex-Demonstration" or "Damaged". Unless specifically stated otherwise by Ezytrail in writing, Warranties will only apply to items as expressed in Claims Validity 1, 2 and 3 above.
5. Warranties do not apply to items sold via auction.
6. Warranties are not transferable under any circumstances.
7. Should an item be sold by the original purchaser to a third party, all warranties immediately become null and void. The original purchaser will make no claims or be eligible for any claims on behalf of the new owner.
8. Warranties do not extend to any products purchased from Ezytrail that are used in hire schemes or as rentals.
9. Ezytrail will not cover damaged caused as a result of unauthorised modifications, misuse, abuse or incorrect assembly, improper and irregular maintenance, accident or collision.
10. Any warranty repairs performed via an authorised warranty claim approved by Ezytrail must be performed by Ezytrail, or by an authorised representative of Ezytrail. In certain circumstances Ezytrail may authorise repairs by other repairers on a case-by-case basis. Authorisation for these repairs will only be with the express written permission of Ezytrail
11. Any affiliates, representatives, associates, agents, suppliers, resellers or similar of Ezytrail do not have the authority to authorise or deny warranty claims on behalf of Ezytrail. Ezytrail warranty department are the only ones who are able to authorise warranty claims.
12. Ezytrail are not 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. Any such unauthorised claims shall be the responsibility of the agent or reseller only.

Shipping Damages

Shipping damage must be filed with the carrier upon receipt of shipment. Where the shipping damage is hidden or unnoticed upon receipt of the good, Ezytrail Head Office will require the following information within 14 days of receipt of product:

1. Photos of the damaged goods; and
2. Any other relevant evidence of the shipping damage of the Ezytrail goods.

Warranty Procedures

1. All claims must be lodged by the customer, via our website using our online Warranty Claim Form.
2. All claims must be made within the relevant warranty period for that product as set out by the terms of these Warranty terms.
3. The customer bears the responsibility of providing adequate evidence of the failure which amounts to a warranty claim. Ezytrail may require additional evidence to be produced by the customer in the event Ezytrail Warranty Department is not satisfied upon first inspection as to the validity of the claim.
4. Third-party warranty repairs:
 - a) If a customer is situated in a remote location or a location where Ezytrail cannot fix or repair a good with a valid warranty claim under these Warranty Terms, it may authorise a third-party to carry out the repairs.
 - b) The customer must have written authorisation from Ezytrail prior to the commencement of any repair work being undertaken on Ezytrail's behalf.
 - c) Any customer who authorises a third-party repair to an Ezytrail product without prior written approval from Ezytrail Warranty department or Head Office will bear all the associated costs related to the repair and Ezytrail will not be held liable for reimbursement to the customer or for any payment to a third-party repairer.
 - d) Customers who have had authorised third-party repairs will be required to submit to Ezytrail Head Office any invoices or associated expenses to the repair prior to any reimbursement being made to the customer or third-party repairer.
 - e) Reimbursements will be paid by direct deposit to the customer or third-party repairers nominated bank account only.

Make contact

For questions relating to warranties, please contact your local store or email customerservice@ezytrail.com.au

Warranty claim form QR code



GENERAL SAFETY 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 Hybrid Offroad Van.

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 will require shorter or additional maintenance intervals. See maintenance schedule for more details.

This manual content does not imply, express or other any warranty, the owner should read the Warranty T&C's included in this manual.

Before using this product, you need to be certain that 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 Hybrid caravan is fitted with electric brakes and a "Breakaway System". Requirements for breakaway systems can vary from state to state. See Braking Systems section for more details.

Ezytrail reserves the right to modify an advertised component (e.g., air conditioning unit, stove, inverter) with an item of similar value and quality, due to supply and availability. In order to fulfil orders, all Ezytrail's are subject to change at Ezytrail's discretion.

CAUTION: FIRE SAFETY

VENTILATION

Do not obstruct any permanent ventilation in this caravan including annex attachment.

PRECAUTIONS

Do not leave children or pets alone in the caravan

COMBUSTIBLE MATERIALS

Keep all combustible materials away from

- Oven and cooktops
- Hot water heater
- Diesel heater and outlet

FIRE EXTINGUISHER

Ensure fire extinguisher is free of obstruction and in operable conditions.

Ensure you are familiar with its location and operation

IN CASE OF FIRE

- Always check to see if extinguisher is in date prior to van use
- Please refer to fire extinguisher instructions in van for appropriate use
- Evacuate everyone from the caravan and clear the immediate area
- Turn off gas valve at the gas cylinder
- Disconnect mains power supply
- Call emergency services on 000
- Only try and extinguish the fire if safe to do so

SETTING UP YOUR CARAVAN

LOADING YOUR CARAVAN

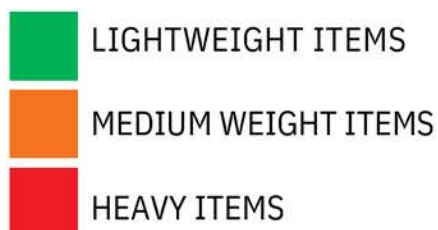
When heading away on your next big adventure it is important to load your caravan correctly to distribute weight evenly and achieve a suitable ball weight load and prevent loading in a manner that can cause a caravan to sway and/or roll excessively left and right. The optimum ball weight on a caravan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

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.



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, 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.

Please note that when choosing a set up spot you do have to consider you solar panels and the sun that charges them.

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, impact wrench or electric drill/ drill driver.



AWNING

When extending the awning always support the front as it extends. Do not allow the awning to carry the full extended weight as this may damage the hinges. Support the end manually by hand or by using the extendable legs. Failure to support the awning will cause bending and breaking of the awning. Components and mounting brackets are not covered under warranty.



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

SETTING UP YOUR CARAVAN

Setting up your Ceduna Caravan is simple, once you have chosen your perfect spot follow these steps to set up your Ceduna Caravan



To drop the spare wheels at the back of the caravan
1. Pull the pin holding the spare wheels in place + over center latches
2. Hold on to the wheel and (the wheels are gas strut assisted) gradually lower to the ground



3. Undo the latches holding the back panel
4. Lift the panel upwards



5. Once the back panel is high enough twist the middle handle to unlock the side panels.



6. Push both side panels until they are sitting under the back panel and holding it parallel to the ground.



7. Unclip the latches that hold the bed in the travel position



8. Lower the bed down into the stationary position.

SETTING UP YOUR CARAVAN



9. Grab the handles on the back window panel and raise it into the upright position



10. Once in the upright position, make sure to latch the slide bolts onto the side walls

11. Clip centre latches onto the back/top panel securing the back window panel in place.



12. The bed will be folded over in the middle- reach to the end of the bed and start pulling it towards you.



12. As you are pulling the bed into position you will need to push it backwards so it fits in the sleeping position



13. Your bed is now ready to be dressed

SETTING UP YOUR CARAVAN

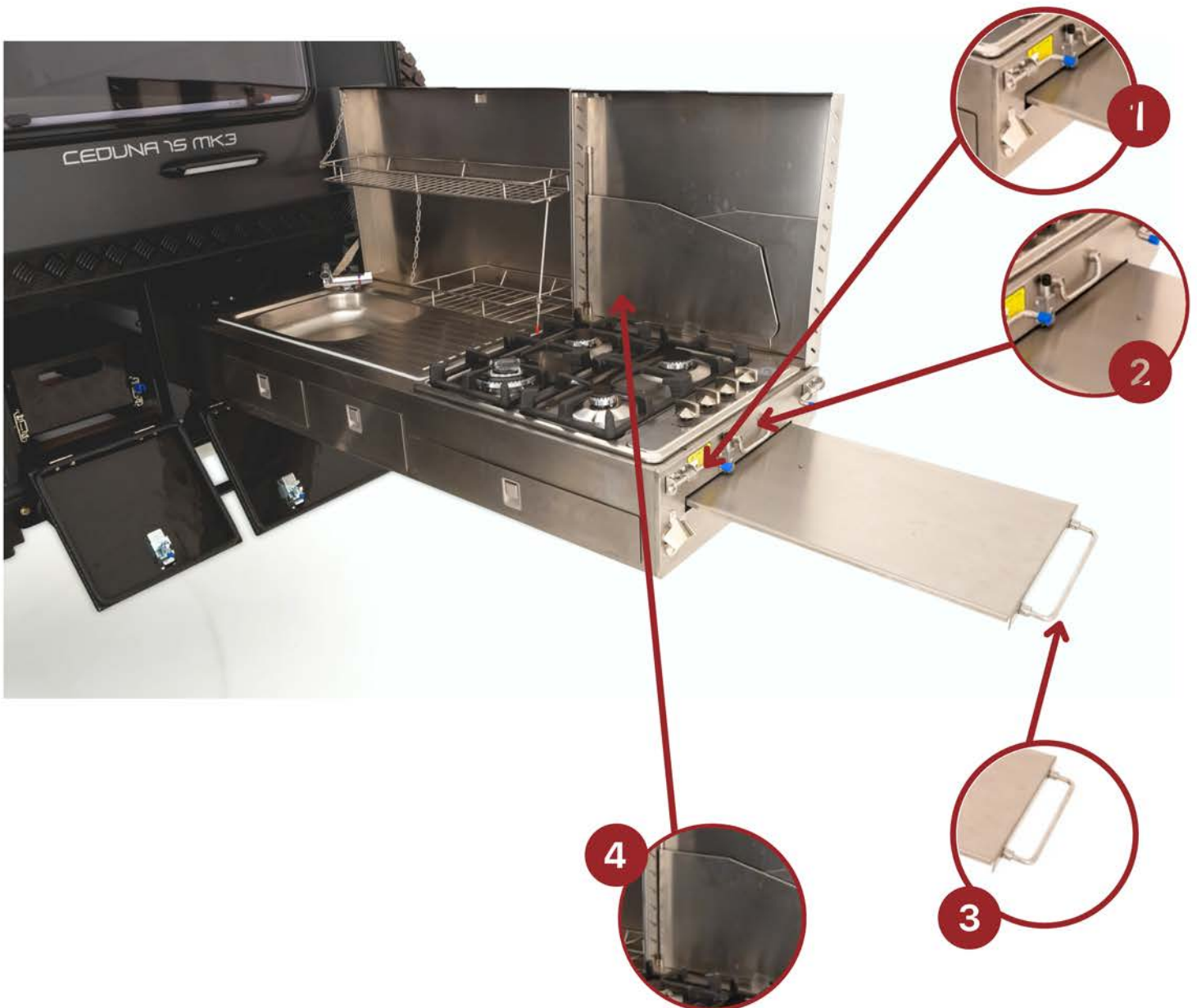
KITCHEN

Your Ceduna 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 height to suit
 - Once extended, pull the handle at the end to extend the kitchen prep space table (3)
 - Push wind guard A up and stop once the locking hinge clicks signalling it is in place (4)
 - Push wind guard B up making sure it is equal to wind guard A, push clip at top left hand corner, once it has clicked the wind guards will be locked together in place. (4)
 - On wind guard B lift side wind guards up and pull out ends to reach their respective sides of the cooker, place into their designated holes to keep the side winds guards from moving.
 - At the back side of the kitchen, remove the gas hose and connect to bayonet fitting at the rear of the chassis
- To close the kitchen, follow these steps in reverse



Always ensure that the gas cylinder is turned off prior to travel and that the burners are touch cool before closing
Do not pour boiling water down the sink, the drain hose underneath is made of plastic, and it will melt with boiling water



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.

DO NOT use the breakaway switch as a handbrake. It will quickly and severely discharge your batteries which may void their warranty and/or pose a risk of fire.

INTERIOR

Moisture and your caravan are not friends, in fact they are your enemy. Here are some tips to reduce moisture and avoid mould. Condensation is a normal part of living in Australia, and this is highlighted when camping. The temperature difference inside and outside of the Ceduna can be quite significant, and with the moisture in the Australian air and the smaller living area in the hybrid, condensation can build up overnight. While this can be quite disconcerting, it is totally normal. Ensure that there is sufficient air flow in the Ceduna to allow the moisture to escape overnight.

As a precaution you can do the following:

- Check under mattress for moisture before packing up. If moisture is found allow it 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. Ensure you change these out regularly to avoid mould growing.
- If packing up with damp or humid conditions, open and dry out the caravan at the first opportunity when returning home.

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 caravan under cover or tarpaulin will extend the life of components and keep your investment looking better for longer.

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 hybrid caravans to salt water or brackish 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.

Please note, your caravan will need a hand wax treatment at least annually.

EXTRAS

PREPARING FOR BAD WEATHER

During bad weather such as rain, wind, or hurricanes, 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, windows and hatches to prevent water ingress and wind damage

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.

If storing for a period longer than 1 month, consider a trickle charge setup, or a 24 hours charge on 240V every few weeks. Draining lithium batteries too low will result in a BMS shutdown to protect the batteries from complete discharge.

****Prior to storage batteries must be charged to 100% for 24 hours.**

PAINTWORK

The paint coatings on your caravan are no different to that of your car in that they need regular care and maintenance.

Washing: Only use mild detergents free of ammonia when washing your caravan. Always check the label to ensure the washing solution is non-abrasive, contains no ammonia or caustics. Most car washes will be suitable, ensure to always read label prior to use.

Protection: Your caravan uses satin finish wall and roof coatings. Wax is an excellent protection against oxidation. Use only carnauba wax or specialist satin/matte waxing products. DO NOT use polishing compounds. The paint on your caravan should be waxed annually regardless of being kept under cover to protect the surfaces from oxidation.

INTERNAL SURFACES

Laminates and internal wall surfaces should be cleaned with a damp soft cloth. For stubborn marks use a mild detergent based cleaner.

****Do not use cleaners that contain ammonia or caustics****

ACRYLIC WINDOWS

Windows should be cleaned with a clean, soft, nonabrasive cloth to avoid scratches and soapy water.

****Do not use cleaners that contain ammonia or solvents****

MIRRORS

Do not use solvents or chemicals when cleaning mirrors. Warm water and a soft clean cloth is the best method. Cleaners and solvents may affect the reflective backing causing what's known as "creep" where the edges of the mirror discolour.

SHADE AND SCREEN CARE

- Do not close blinds while window is open. Air pressure can dislodge the blind material from its guide damaging it.
- Always open and close blinds and screens carefully and evenly with two hands ensuring screens and blind material feeds evenly through the guides.

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.

TOILET CARE & MAINTENANCE: CHEMICALS

Always use water treatment and conditioning products recommended by the manufacturer.

Waste Holding Tank: The recommended product for the waste holding tank on Thetford toilet systems is Aqua Kem Blue or Aqua Kem Green for better environmental performance.



Cleaning Cassette Tank: "Cassette Tank Cleaner" is the recommended product for this application.



Flush Water Tank: Only suitable for Ezytrail models that have a toilet flush tank. ***Do not add to main water tanks!*** Thetford recommend "Aqua Rinse"



Bowl Cleaning Products




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.

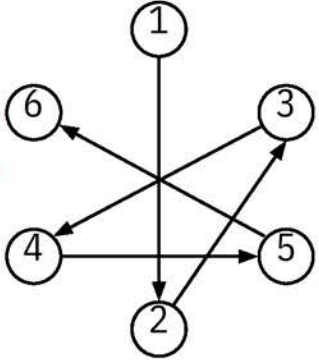
The correct torque settings are: **165Nm (122ft-lbs) for 14mm studs**



IMPORTANT INFORMATION

Wheel nuts must be re-torqued to **165Nm (122ft-lbs) for 14 mm studs**, after the first **50km 100km, and 500km**, 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 **100Nm**. 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 **1,000km** after delivery, **5,000km** under normal use and more frequent intervals for harsh off-road conditions. During travel they should be inspected daily to ensure they have not rotated or become damaged. Correct torque is **190Nm**

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 independence 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.

** Over powering your brake controller will cause excessive and premature wear of the brake system.

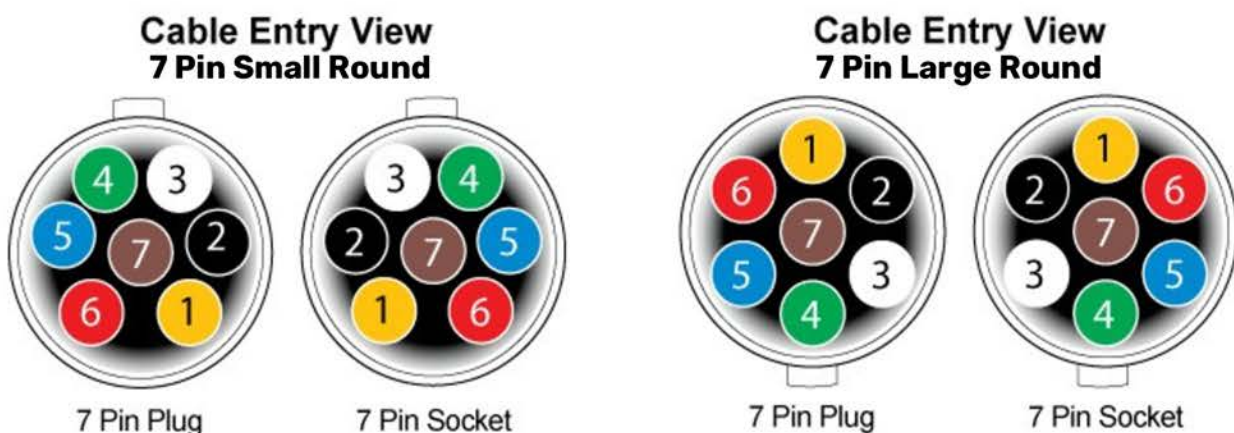
OPERATION

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.

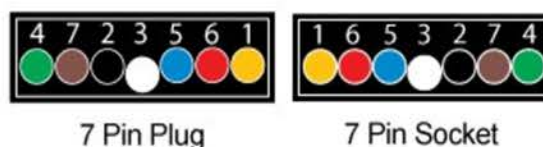
TRAILER PLUG WIRING

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



Cable Entry View



BRAKES AND HANDBRAKE

BREAKAWAY SWITCH

By law*, all trailers with a 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 brake away 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

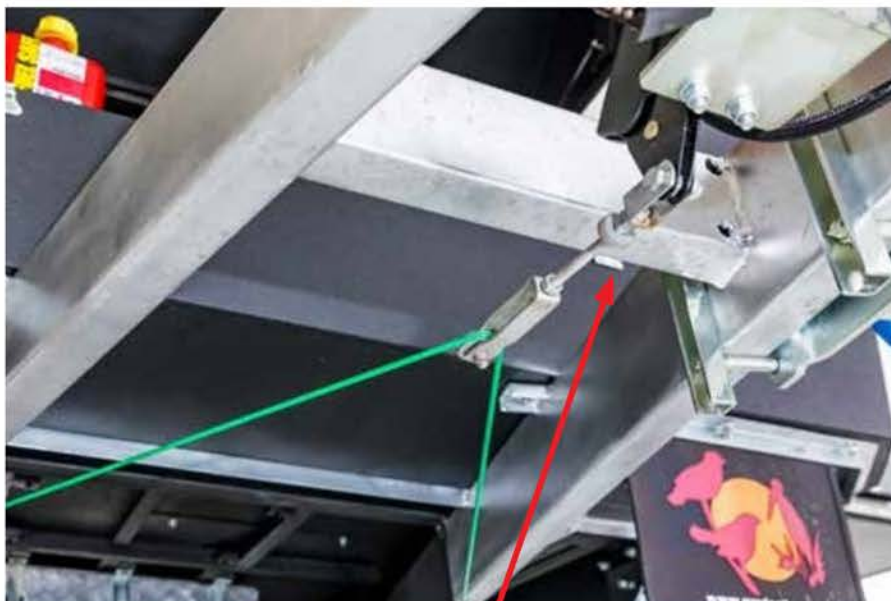
HAND BRAKE

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 lock nuts. 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. Always adjust the brake shoes before tightening the handbrake to avoid uneven braking operation.



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 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

Correct repair procedures and service methods 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, tools or parts.

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

***EZYTRAIL 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. Within the first 1,000KM of operation when the brake shoes and drums have "burnished"
2. At no more than 5,000KM 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 5,000km 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. Cleaning and adjustments should be done more regularly in dusty or severe operating environments.



BRAKE LUBRICATION

This should only be done by qualified personnel.

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

WHEELS AND TYRES

HIGHWAY

Recommended Settings:

- Tyre pressure 58psi/400kPA at Tare
- It is recommended to reduce tyre pressures by at least 30% in offroad situations
- Wheel nuts - 165Nm (122ft-lbs) for 14mm studs

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. 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 MAY RESULT IN AN ACCIDENT CAUSING INJURY OR DEATH.



JACKING YOUR CARAVAN

Your Ezytrail caravan has bottle jack points located on each side of the chassis and on each suspension arm lower spring plate.

Never place any part of your body beneath the caravan when suspended by any kind of jack. Ensure the body of the caravan is protected from damage by the jack.

The jacking point on the chassis is designed for the head of a bottle jack to fit securely inside the metal ring. When using this point ensure the jack is on a solid base and the caravan cannot move.

ELECTRICAL SYSTEMS

CHARGERS

For detailed information on the appliances installed in your hybrid please refer to the manuals included in your hybrid 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 hybrid is fitted with LiFePo4 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 hybrid:

- 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.
- If purchasing an after market battery charger 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 hybrid 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

CAPACITY	VOLTAGE
100%	14.4V
100%	13.6V
99%	13.4V
90%	13.3V
70%	13.2V
40%	13.1V
30%	13.0V
20%	12.9V
17%	12.8V
14%	12.5V
9%	12.0V
0%	10.0v

ELECTRICAL SYSTEMS

MAIN CONTROL PANEL

1. Ceiling light
2. Bedroom light
3. Dining light
4. Outside light
5. Night mode
6. Water pump
7. TV
8. Switch A
 - OHC lower strip lights
9. Switch B
 - Upper strip lights + benchtop lights
10. Load



DOOR CONTROL PANEL

1. Main switch
2. Handle light
3. Left light
4. Right light
5. Rear light
6. Dimming
7. Awning control
8. Step control



PIN Definition	Fuse Rating	Van wiring	Remarks
L1+	15A	Electric step/MP5/Ensuite hatch	Main switch
L2+	15A	Interior	Load switch
L3+	10/15A	Exterior Fridge	Load switch
L4+	15A	HWS/Stove DC	Load switch
L5+	10A	Toilet/Sensor light	Load switch
L6+	10A	USB/Ciggi lighter	Load switch
L7+	15A	HC upper LED strips/ Wardrobe/ Kitchen bench/ Front bench LED Strips	Switch A
L8+	10A	OHC bottom LED strips	Switch B
L9+	10A	Outside light	Outside light
L10+	10A	TV/MP5	TV
L11+	10A	Water pump	Water pump
L12+	3A	Ceiling light/Downlight	Ceiling light
L13+	3A	Bedroom light	Bedroom light
L14+	3A	Skylight/AC light	Ceiling light

GAS & WATER SYSTEMS

HOT WATER SYSTEM

Your Ceduna is fitted with a Truma 240V/gas water heater

Please ensure you read the manual for your system at time of purchase. For further information go to:

<https://www.truma.com/web/downloadcenter/files/truma-watersystems-ultrarapid-bga-installation-operating-aus-en.pdf>

GENERAL USAGE INSTRUCTIONS

Always leave the yellow drain valve in the closed position in the line with the water hose. When storing your Ceduna, empty the hot water system by putting this valve into the upright position while the water pump is turned off, open hot tap in the van to clear the water in the lines. To refill the hot water system, ensure the water pump is on or connected to the mains water, open a hot tap and allow tap to stay open until water runs through smoothly. Always ensure that the hot water system is filled before igniting to avoid damage to the system.

Water must be drained from the system if there is a risk of frost. Frozen water will damage the system, and this is not covered by warranty.

The Truma hot water system must be descaled on a regular basis, at least twice a year. Regular commercial cleaning products are suitable for cleaning, disinfection and care of the hot water system.



DO NOT OPERATE THE WATER HEATER WHEN VEHICLE IS IN MOTION

HOW TO LIGHT HOT WATER SYSTEM ON GAS

- Ensure gas cylinder is turned on and that valve is pointing to the correct gas cylinder
- Turn on water pump or connect town water
- Remove the cover off the external vent
- Ignite gas burner on outside kitchen
- Open the hot water tap on the external kitchen until water is running through smoothly
- Ignite hot water system using switch inside the control panel to either 60 or 70 degrees
- Turn off outside burner

**NOTE: If the gas line is empty, it may take several attempts to light the gas heater (Such as when changing bottles)
Repeat the lighting procedure at 2 minutes intervals until the heater remains lit**

HOW TO LIGHT HOT WATER SYSTEM ON 240V

- Ensure hybrid is plugged into 240V mains. Hot water system will not run off the inverter
 - Turn on water pump or connect to town water
 - Open the hot water tap on the external kitchen until water is running through smoothly
- Turn on the white switch in the control panel, it will automatically heat up to 70 degrees

TEMPERING VALVE

Your Ceduna is fitted with a tempering valve in accordance with Australian Standards to prevent scalding. Tempering valve setting and inlet port strainer assemblies will need service attention from time to time. See RMV manual.

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, 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 or neck. 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 gas as shown:

(A) Both have click and twist connectors.

(B) To switch on the stove, simply turn the flame regulator counter-clockwise while pushing down; once the flame is activated continue holding down for a further 5 seconds.

(C) To replace the battery of the stove, you simply lift the stove out of its frame. The battery box contains 1x Type D battery

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



NOTE: Only cylinders and their associated equipment are permitted in the cylinder compartment. Failure to adhere to this safety instruction can result in series injury or damage

USEFUL ACCESSORIES

LEVELLING BLOCKS

These are excellent for levelling your caravan 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 they are firmly pressed against the tyre.



COVERS

Hybrid 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

PROBLEM	POSSIBLE CAUSE	SOLUTION
No 12V Power	Battery isolator switch "OFF"	Turn on
	Mains Power switch "OFF"	Turn on Main power switch
	Main fuse blown	Replace fuse
	Loose battery connections	Tighten terminals and connections
	Damaged wiring	Find damage and repair/replace
	Flat battery	Charge battery
Battery not charging	Battery isolator switch "OFF"	Turn on
	Charger turned "OFF"	Turn charger on
	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.
	Blown fuse	Replace fuse
	Charger output protection active	Rest for 30 minutes and try again. Ensure adequate ventilation around charger and allow to cool. Do not store items around electronics
	Faulty charger	A charger fault will be indicated by fast flashing on the charger control panel. Contact dealer for warranty or replacement.
	Faulty battery	Have battery tested and contact dealer for warranty or replacement.
Lights or plugs not working	Circuit switch "OFF"	Check control panel and switch to "ON"
	Blown fuse	Replace fuse
	Poor connection	Find and rectify
No power to fridge	Circuit switch "OFF"	Check control panel and switch to "ON"
	Blown fuse	Replace fuse
	Poor connection	Find and rectify
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 split in pin slightly. This gap should be even along length of pin
	Damaged Chassis wiring	Check and repair as required
Inverter not powering	Battery OR Inverter Isolator switch is "OFF"	Turn on isolator switch
	Inverter turned "OFF"	Turn on at switch panel and inverter side panel
	RCD Tripped	Reset RCD at side of inverter
	Inverter fault protection indicator "ON"	Refer to user manual
	Flat battery	Charge battery
	Poor connection	Check 12V connections are tight
Circuit breaker tripping during use	Overloading	Check amperage draw from appliance
	Faulty appliance	Check appliance and rectify

TROUBLE SHOOTING

WATER

PROBLEM	POSSIBLE CAUSE	SOLUTION
Pump not working (No noise)	No power from control panel	Check circuit switch and circuit breaker
	Faulty pressure switch	Contact dealer for warranty and replacement
	Bad electrical connection	Check connections with multimeter or test light
	Flat battery	Charge battery
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 and use mains pressure to pressurise tank
	Water tank is empty	Fill water tank
	Kinked hose	Check hoses ensuring none are fouled
	Damaged/worn pump diaphragm	Contact dealer for warranty to repair or replacement

GAS

PROBLEM	POSSIBLE CAUSE	SOLUTION
Cooker not igniting	Gas will not ignite/no spark	Replace PIEZO battery
	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
	Stove dirty	Clean stove of grease/dirt buildup
	Kinked hose	Check hose is not twisted and kinked
	Regulator blocked	Get professional diagnosis and help

*Remember that first use after connecting/reconnecting gas may take up to 2 minutes for the gas to purge the line to the cooktop. Once ignited hold the control knob down for up to 5 seconds.

HOT WATER

PROBLEM	POSSIBLE CAUSE	SOLUTION
No hot water	Gas will not ignite	Refer to appliance owners manual
	240V not connected	Connect and turn on as required

TROUBLE SHOOTING

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 settings
	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 bakes 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

*Diagnosis and repairs of Brakes should only be done by a professional

RE-SELLERS AND SUPPLIERS

Redarc

www.redarc.com.au

Technical support - 1300 733 272

Projecta

www.projecta.com.au

Technical support - 1800 422 422

Truma hot water system

<https://www.leisure-tec.com.au/services/>

Technical support - 1300 072 018

Dometic

<https://www.dometic.com/en-au/support/service-locator>

Technical support - 1800 21 21 21

Aussie Traveller

<https://www.aussietraveller.com.au>

Customer Service & Support - 1300 663 868

AL-KO

<https://alko.com.au/contact/>

Service Centre - 03 9997 4700

MyCOOLMAN

www.mycoolman.com.au

Technical support - 1300 072 018

Ark

<https://www.arkcorp.com.au/>

Customer service & Support - 02 9678 9036

Ezytrail Spare Parts

<https://www.ezytrail.com.au/spare-parts/>

Email - customerservice@ezytrail.com.au

HANDY TIPS

PREPERATION TIME

Make sure you give yourself optimal amount of time to prepare for any trip. Start planning at least 2 weeks ahead to make sure your caravan is in prime condition to safely get you to and from any adventure you take.

KNOW YOUR MAINTENANCE SCHEDULE,

Ensure you allow time for the initial service as well as maintenance and service at specified intervals.

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

CORRUGATIONS & ROUGH ROAD

Corrugations are arguably the most taxing and damaging road conditions to vehicles. Constant vibration can loosen vehicle components and add 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 hybrid 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 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 hybrid 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 do 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.



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 AND APPLIANCES MUST ONLY BE SERVICED AND REPAIRED BY A QUALIFIED GAS FITTER



Service Definitions

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

*Wheel alignment - Inspect daily during the 1000km running in period. Adjust as required if change in alignment position is noticed. Also monitor daily in severe operating environments

*Suspension bushes - Apply grease daily in severe operating environments including water crossing to avoid premature wear due to contamination

*240V Power system - Ensure is inspected and tested annually by a suitably qualified tradesperson. General servicing does not include 240V system inspections

*LPG system - Ensure system is inspected and tested annually by a suitably qualified trade person. General servicing does not include LPG system testing

*Panel and paint - To ensure your caravan is well protected, apply carnauba wax initially and annually to external painted walls and decals. Do not apply to Line-X coated surfaces

MAINTENANCE SCHEDULE

Service stamp

DATE:

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	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I		I/A	I/A	
HITCH	I		I/A/L	I/A/L	
JOCKEY WHEEL	I		I/A	I/A	
STABILISER LEGS	I		I	I	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		A	A	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	I/A/T	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	I/L	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I	
ELECTRIC STEP	I		I	I/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	T		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I		I	I/A	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I		I	I/A	
WINDOW BLINDS AND HANDLES	I		I	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I		I/A	I/A	
VENT FILTERS	I		I	I	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	2500Km Severe use	CHECKED	6 Months/ 5,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/A	I/C/L	
STABILISER LEGS	I/A		I/A	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		I/A	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I/C	
ELECTRIC STEP	I/C/L		I/L	I/C/L	
ELECTRIC AWNING	I		I	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	7500Km Severe use	CHECKED	12 Months/ 10,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A/L	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/C/L	I/C/L	
STABILISER LEGS	I/A		RCL	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		RCL	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		RCL	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I/C	I/C	
ELECTRIC STEP	I/C/L		I/C/L	I/C/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		Contractor outsourcing - additional fee		
*LPG SYSTEM	I		Contractor outsourcing - additional fee		
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/C/L	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	10,000Km Severe use	CHECKED	18 Months/ 15,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/A	I/C/L	
STABILISER LEGS	I/A		I/A	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		I/A	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I/C	
ELECTRIC STEP	I/C/L		I/L	I/C/L	
ELECTRIC AWNING	I		I	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	15,000Km Severe use	CHECKED	24 Months/ 20,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A/L	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/C/L	I/C/L	
STABILISER LEGS	I/A		RCL	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		RCL	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		RCL	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I/C	I/C	
ELECTRIC STEP	I/C/L		I/C/L	I/C/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		Contractor outsourcing - additional fee		
*LPG SYSTEM	I		Contractor outsourcing - additional fee		
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/C/L	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	17,500Km Severe use	CHECKED	30 Months/ 25,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/A	I/C/L	
STABILISER LEGS	I/A		I/A	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		I/A	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I/C	
ELECTRIC STEP	I/C/L		I/L	I/C/L	
ELECTRIC AWNING	I		I	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	22,500Km Severe use	CHECKED	36 Months/ 30,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A/L	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/C/L	I/C/L	
STABILISER LEGS	I/A		RCL	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		RCL	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		RCL	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I/C	I/C	
ELECTRIC STEP	I/C/L		I/C/L	I/C/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		Contractor outsourcing - additional fee		
*LPG SYSTEM	I		Contractor outsourcing - additional fee		
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/C/L	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	25,000Km Severe use	CHECKED	42 Months/ 35,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/A	I/C/L	
STABILISER LEGS	I/A		I/A	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		I/A	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I/C	
ELECTRIC STEP	I/C/L		I/L	I/C/L	
ELECTRIC AWNING	I		I	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	30,000Km Severe use	CHECKED	48 Months/ 40,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A/L	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/C/L	I/C/L	
STABILISER LEGS	I/A		RCL	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		RCL	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		RCL	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I/C	I/C	
ELECTRIC STEP	I/C/L		I/C/L	I/C/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		Contractor outsourcing - additional fee		
*LPG SYSTEM	I		Contractor outsourcing - additional fee		
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/C/L	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	32,500Km Severe use	CHECKED	54 Months/ 45,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/A	I/C/L	
STABILISER LEGS	I/A		I/A	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		I/A	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		A/T	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		I/L	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I	I/C	
ELECTRIC STEP	I/C/L		I/L	I/C/L	
ELECTRIC AWNING	I		I	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		T	T	
*LPG SYSTEM	I		I	I	
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	

MAINTENANCE SCHEDULE

Service stamp

DATE:

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

ITEM/COMPONENT	37,500Km Severe use	CHECKED	60 Months/ 50,000Km		CHECKED
			ONROAD	OFFROAD	
HOUSE BATTERY CONDITION	I		T	T	
BRAKE AWAY BATTERY CONDITION	I/T		I/T	I/T	
HANDBRAKE CABLE	I/L		I/A/L	I/A/L	
HITCH	I/A/L		I/A/L	I/A/L	
JOCKEY WHEEL	I/C/L		I/C/L	I/C/L	
STABILISER LEGS	I/A		RCL	RCL	
*WHEEL NUTS	I/A		I/A	I/A	
WHEEL BEARINGS	I		RCL	RCL	
TYRE PRESSURE	I		I/A	I/A	
BRAKE LININGS	T		RCL	RCL	
*WHEEL ALIGNMENT	I		I/A	I/A	
*SUSPENSION BUSHES	I		RCL	RCL	
SUSPENSION TORQUE	A		A	A	
SHOCK ABSORBERS	I		I/A	I/A	
CHASSIS LUBE AND GREASE NIPPLES	I		I/L	I/L	
STRUCTURAL FIXINGS	I		I/A	I/A	
GAS STRUTS	I		I/C	I/C	
ELECTRIC STEP	I/C/L		I/C/L	I/C/L	
ELECTRIC AWNING	I		I/A	I/A	
SIGNALLING LIGHTS	I/T		I/T	I/T	
12V POWER SYSTEM	I/T/A		I/T/A	I/T/A	
*240V POWER SYSTEM	T		Contractor outsourcing - additional fee		
*LPG SYSTEM	I		Contractor outsourcing - additional fee		
TRUMA WATER HEATER	Refer to appliance manufacturers maintenance instructions for servicing and storage requirements				
PLUMBING PRESSURE SYSTEM	I/T		I/T	I/T	
PLUMBING DRAINAGE SYSTEM	I		I	I/T	
WATER TANKS	I		I	I	
EXTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/C/L	I/C/L	
INTERNAL LOCKS/HINGES/SLIDE RAILS	I/A		I/A	I/A	
WINDOW BLINDS AND HANDLES	I/A		I/A	I/A	
EXTERNAL SEALS AND GROMMETS	I		I	I	
INTERNAL SCREWED FIXINGS	I/A		I/A	I/A	
VENT FILTERS	I/C		I	I/C	
SMOKE ALARM	T		T	T	
FIRE EXTINGUISHER	I		I	I	
*PANEL AND PAINT	I		I	I	
WATER + DUST INGRESS	I		I	I	



VICTORIA

Kilsyth Branch Office

5 Southfork Drive
Kilsyth, VIC 3137
P: 03 9728 3147



Campbellfield Branch Office

1924 Sydney Road
Campbellfield, VIC 3061
P: 03 9357 9603



Geelong Branch Office

2 Sharon Court
North Geelong, VIC 3215
P: 03 5260 2900



NEW SOUTH WALES

Lansvale Branch Office

178-180 Hume Highway
Lansvale, NSW 2166
P: 02 9754 2176



Penrith Branch Office

22 Lemko Place
Penrith, NSW 2750
P: 02 4701 5782



Newcastle Branch Office

5 Archibald Place
Heatherbrae, NSW 2324
P: 02 4987 7731



QUEENSLAND

Brisbane Branch Office

1699 Ipswich Road
Rocklea, QLD 4106
P: 07 3157 8240



Sunshine Coast Branch Office

55-57 Lear Jet Drive
Caboolture, QLD 4510
P: 07 5348 0240



Townsville Branch Office

64 Pilkington Street
Garbutt, QLD 4814
P: 07 4725 3806



SOUTH AUSTRALIA

Adelaide Office Branch

283 North East Road
Hampstead Gardens, SA 5086
P: 08 8261 5865



WESTERN AUSTRALIA

(PMX STORES)

South Perth Branch Office

1/196 Bannister Road
Canning Vale, WA 6155
P: 08 9455 1454



North Perth Branch Office

1/33 Dellamarta Road
Wangara, WA 6065
P: 08 9309 4000

