



GATOR

MINI

12V TRAILER JACK

SAVE YOUR BACK



WARNING

Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury

Manual Version 1



WARNING:

Read and understand all instructions before using this device SAVE THIS MANUAL You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your receipt with this manual. Keep the manual and receipt in a safe and dry place for future reference.

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INTRODUCTION

Thank you for purchasing the Gator Mini. An Electronic Trailer Jack by Coast RV.

This user manual is designed to provide you with all the necessary information to safely and effectively install and operate your new electronic trailer jack. Please read through this manual thoroughly before using the product to ensure proper installation and operation.

The Gator Mini is designed to assist with raising and lowering trailers with ease, utilising electronic controls for smooth and efficient operation. It is compatible with all standard Australian jockey wheel brackets (48mm outer tube/50mm clamping bracket). This means you can simply remove your manual crank jockey wheel, and clamp this electronic Gator Mini in its place!



Read and understand all instructions before using this device.

Read, understand and follow all of these instructions and warnings before installing and using this product. Install and use this product only as specified in these instructions. Improper installation or use of this product may result in property damage, serious injury, and/or death. Never allow installation or use of this product by anyone without providing them instructions. Follow all instructions and warnings for this product and any items used with it. Keep these instructions for future reference.



SAFETY INFORMATION

WARNING DEFINITIONS AND SYMBOLS	
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Indicates a hazardous situation, which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation, which, if not avoided, can result in death or serious injury.
 CAUTION	Indicates a hazardous situation, which, if not avoided, may result in death or serious injury.

SPECIFIC SAFETY WARNINGS

- Welded brackets must be attached by certified welder
- Bolted on brackets must be torqued to the correct specification
- Do not exceed rated capacity
- Lock Trailer Jack in vertical position before applying load
- Use on flat, level, hard surfaces capable of supporting load
- Prevent trailer wheels from moving using wheel chocks while raising or lowering
- Before towing, fully raise trailer jack or remove it
- Keep out from under jack and tongue when applying and releasing load, or moving trailer
- Inspect before use. Do not use if parts are loose or damaged
- Maintain labels and nameplates on the product. These carry important compliance, safety and identifying information
- Apply force to jack vertically only. Side forces will compromise the jack
- Do not climb aboard any vehicle supported by jack
- This product is not a toy. Keep it out of reach of children
- This is not to be used as a vehicle jack under any circumstances
- The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



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SAFETY WARNING

Failure to follow all warnings and instructions may result in product failure, property damage, serious bodily injury, and/or death.

- This product must be installed and used in strict accordance with these instructions. The purchaser/owner must not alter or modify the product.
- Operator and bystanders should never position any part of body under or on the path of any portion of this product or the load being supported, or moved.
- Do not allow children to play on or around this product or the load being supported, or moved.
- Never exceed the maximum rated capacity. Refer to stamped markings or decals to obtain rated capacity. If uncertain, contact the retailer where you purchased the product.
- Periodically check mounting hardware for proper torque and tighten if necessary.
- Always replace bent, broken, or worn parts before using this product.
- To avoid accidental shock and/or damage to the electrical system, disconnect the battery ground cable before installation.
- Secure the load, vehicle and trailer from rolling (by blocking wheels) when operating jack or coupling trailer.
- These jacks are designed for vertical loading. Excessive side forces may cause jack failure and must be avoided.

GENERAL SAFETY RULES

WARNING: read and understand all instructions. failure to follow all instructions listed below may result in serious injury.

CAUTION: do not allow persons to operate or assemble this trailer jack until they have read this manual and have developed a thorough understanding of how the trailer jack works.

WARNING: THE WARNING, CAUTIONS, AND INSTRUCTIONS DISCUSSED IN THE INSTRUCTION

MANUAL CANNOT COVER ALL POSSIBLE CONDITIONS OR SITUATIONS THAT COULD OCCUR. it must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SPECIFICATIONS

MAX LOAD	680 kg
SCREW TRAVEL	355mm +/- 6mm
FOOT PLATE	133mm REMOVABLE
HANDLE	MANUAL CRANK OVERRIDE
RATIO	5:1 USING MANUAL CRANK HANDLE
CONSTRUCTION	STEEL AND POLYPROPYLENE
FINISH OUTER	600H ZINC PLATED
FINISH INNER	600H ZINC PLATED
OVERALL DIMENSIONS	661mm (H) x 135mm (W) x 194mm (D)
VOLTAGE RATING	12V DC
CURRENT RATING	13 Amps
IP RATING	IP 55
APPROVALS	EMC AND RCM
GAS CODE COMPLIANCE	AS/NZS 5601.2.2020

MAINTENANCE

The Gator Mini is a sealed and maintenance-free unit. It is important to maintain the electrical system including the battery and charger (not included).

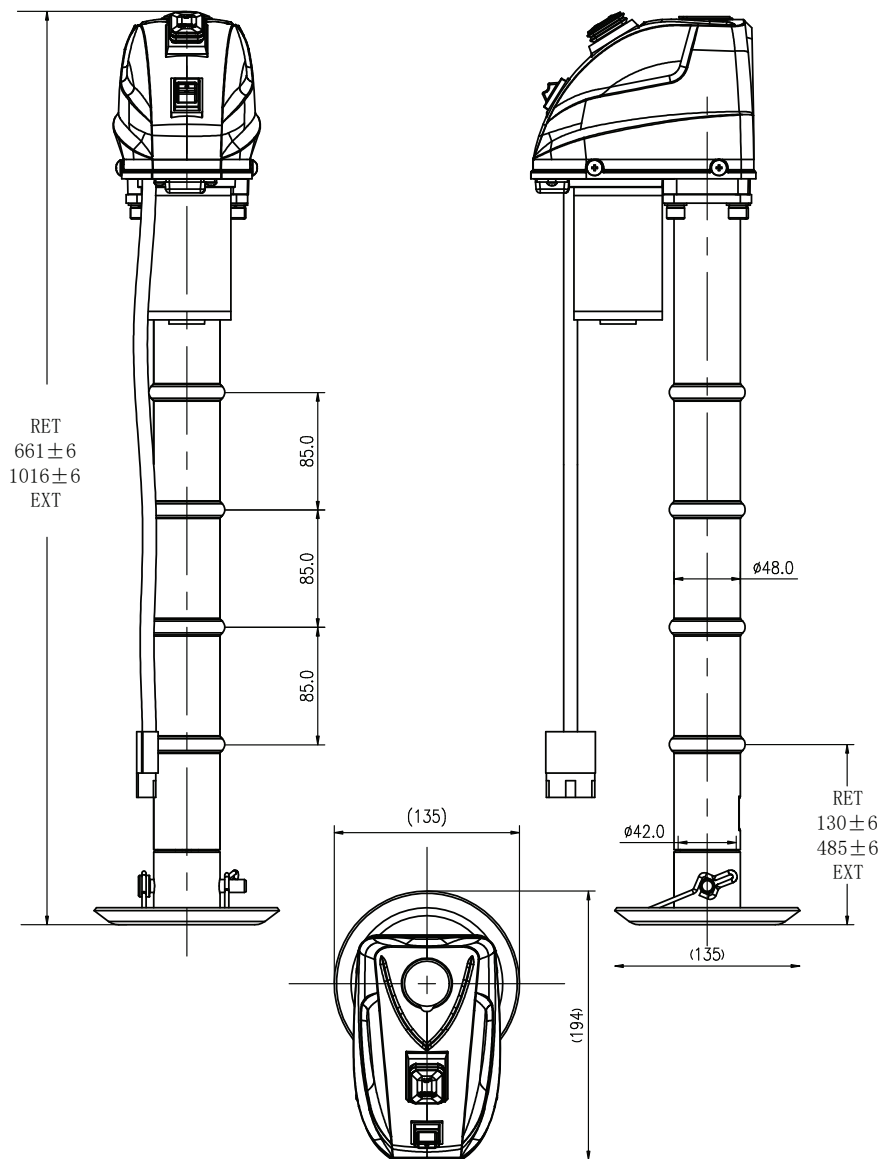
Ensure all connections are tight and free of corrosion. Make sure the battery is fully charged prior to use. Do not direct a high-pressure spray at the Gator Mini. Periodically re-check and tighten all hardware.



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DIMENSIONAL DRAWINGS





COMPLIANCE INFORMATION

THE GATOR MINI COMPLIES WITH

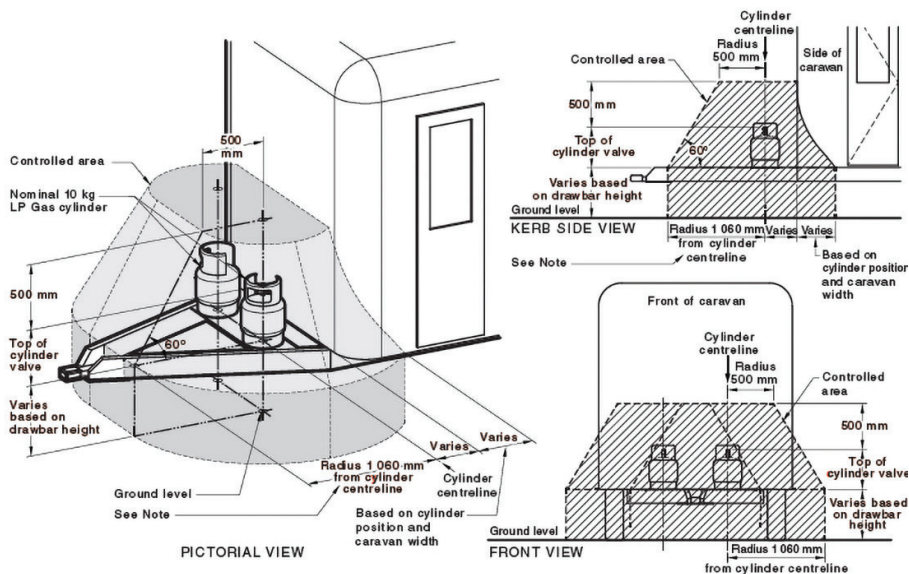
AS/NZS 5601.2:2020, Gas installations, Part 2: LP Gas installations in caravans and boats for non-propulsive purposes
IP55 Rated



The Gator Mini also meets the EMC and RCM requirements for equipment of this nature.

The Gator Mini has been tested, approved and complies with AS/NZS 5601.2:2020 and the requirements thereof.

The most significant change in this revised standard is the introduction of a "controlled area" around gas cylinders and cylinder compartments on domestic caravans (and similar Recreational Vehicles), which is an exclusion area for any ignition sources that could present a risk of explosion in the event of a gas leak.



NOTE: Radius of 1 060 mm (interpolated from 45 kg (0.110 kL) AS/NZS 60079.10.1) is based on a 10 kg cylinder and will vary depending on the height of the cylinder.



For **enclosed LP Gas locker or compartment installations**, always refer to the applicable gas code and consult a licensed gas fitter before installation, as a larger exclusion zone may be applicable. Regulatory requirements may vary depending on the vehicle or application. It is the installer's responsibility to ensure compliance with all relevant standards and to determine whether the selected mounting location for the Gator Mini is permitted.



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To ensure your personal safety and compliance to the gas code, please ensure the connection point of the 50a Anderson plug is **OUTSIDE** this gas code exclusion zone. Failure to place this connection outside the exclusion zone will deem it a non-compliant and potentially unsafe installation

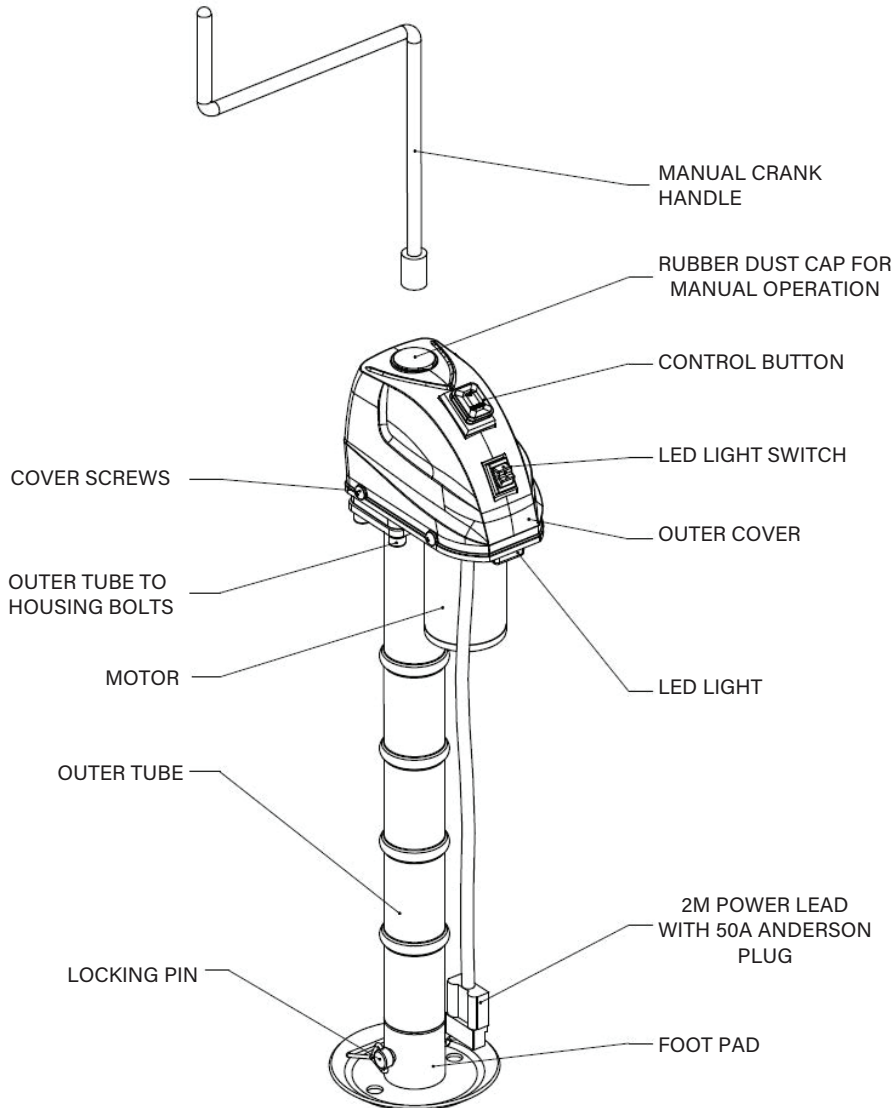


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WHAT'S INCLUDED

WARNING! DO NOT operate the device if any part is missing. Replace the missing part before operating. Failure to do so could result in a malfunction and personal injury. Remove the part and accessories from the packaging and inspect for damage. Check that all items listed in the contents are included.





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INSTALLATION INSTRUCTIONS

1. Attach trailer to tow vehicle or place trailer A-Frame on jack stands
2. Use vehicle's parking brake and/or trailer brake and chock wheels of trailer
3. Remove existing jockey wheel when safe to do so
4. Check that the Gator Mini fits onto your jockey wheel bracket.
The Gator Mini has been designed to be a direct replacement for your standard Australian Jockey Wheel (48mm outer tube diameter)
5. Select your preferred mounting position. The jack can be attached to the A-Frame clamp bracket in your choice of 4 different mounting ribs
6. Once the selected slot and subsequent Gator Mini installation height is selected, simply clamp it as you would your standard jockey wheel. Ensure it is located on one of the 4 available ribs and tighten your clamp as per normal.
7. Plug the unit into 12v power source using the 50A Anderson plug - Ensure this connection point is OUTSIDE the gas code exclusion zone.
8. If leaving permanently mounted, run the loom safely, avoiding sharp objects and sharp turns and secure to the chassis appropriately.



NOTE/WARNING:

Remember to remove from the vehicle to avoid damaging it during travel if your ground clearance is too low with the jack fitted.



OPERATING INSTRUCTIONS

MOUNTING THE TRAILER TO THE TOWING VEHICLE

1. Chock the trailer wheels and apply brakes to prevent the trailer from rolling
2. Back the tow vehicle within close proximity of the coupler
3. If using the tow vehicle as the power source, connect the Anderson lead to the power source now. (Always ensure the connection point is outside the gas code exclusion zone).
4. If needed, turn on LED light. To operate the LED light, use the light switch labeled "I" (ON) and "O" (OFF)

NOTE: The LED light will only work when the jack wiring is powered

5. To raise the trailer push the jacks Control Switch UP. Release the button when you reach the height above the towing vehicles towball/hitch. Release the control switch to stop the jack.

NOTICE: If the motor slows or switches off during operation, this is a preventative measure taken by the unit to protect the motor from damage. Release the control switch and wait 15 seconds for the motor to reset before operating the jack again

6. With the assistance of a reverse camera or spotter, back the vehicle to the trailer
7. Mount the trailer onto the towing vehicles hitch/tow ball:
8. To lower the trailer on to the ball, push the jacks controls switch DOWN. This will retract the jack. If attaching to a tow vehicle, after the coupler has fully engaged the ball, continue retracting the jack fully. Be sure to close the coupler! Once secure, fully retract the Gator Mini. To avoid potential ground strikes, if you have fitted an optional wheel, you may need to remove it.
9. If not permanently mounted, unplug the jack and remove from the clamping bracket when safe to do so and store securely for future use.
10. If for any reason electric power is lost or unavailable, initiate manual operation.



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OPERATING INSTRUCTIONS

DISMOUNTING THE TRAILER FROM THE TOWING VEHICLE

1. Before dismounting, chock the trailer wheels to prevent the trailer from rolling and apply brakes to both vehicles
2. Connect the Gator Mini to power source via 50A Anderson Lead. (Always ensure the connection point is outside the gas code exclusion zone).
3. If needed, turn on LED light. To operate the LED light, use the light switch labeled "I" (ON) and "O" (OFF)

NOTE: The LED light will only work when the jack wiring is powered

4. To raise the trailer push the jacks Control Switch UP. Release the button to stop the jack.
5. Raise the trailer just enough for the Gator Mini to take the weight of the trailer. This will make it easier to disengage the trailer hitch.
NOTICE: If the motor slows or switches off during operation, this is a preventative measure taken by the unit to protect the motor from damage. Release the control switch and wait 15 seconds for the motor to reset before operating the jack again
6. Disengage any electrical connections, the trailer hitch, any safety chains or other connections between the vehicle and the trailer.
7. You may need to extend the jack further to clear the trailer hitch. When the vehicle is completely clear, and it is safe to do so, drive the vehicle away from the trailer. If using the tow vehicle to power the Gator Mini, only drive away enough so that the couplings are clear. Do not drive off too far, remember the Gator Mini is still connected to your vehicle!
8. When finished raising or lowering the trailer. disconnect power to the Gator Jack.
9. If not permanently mounted, unplug the jack and remove from the clamping bracket when safe to do so and store securely for future use.
10. If for any reason electric power is lost or unavailable, initiate manual operation.

MANUAL OPERATION

If using the jack manually: Repeat the above process swapping out electric operation with the below steps.

1. Disconnect the jack power lead from power source
2. Remove the manual crank protective cap and set aside.
3. Insert and lower the manual crank handle into the hole and turn until it engages
4. Once engaged, turn clockwise to retract the leg (lower the trailer) or counter clockwise to extend the leg (raise the trailer).
5. Refit the manual crank protective cap when complete.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE:	SUGGESTED SOLUTION:
MOTOR IS NOT OPERATING	POOR GROUND	ENSURE THE ANDERSON PLUG HARNESS IS CONNECTED FULLY AT BOTH ENDS.
	NO OR LOW VOLTAGE	CHECK THE SUPPLY BATTERY AND ELECTRICAL CONNECTIONS. POWER SUPPLIED MUST BE AT LEAST 10 VOLTS DC. IF THE BATTERY IS LOW, PLUG THE TRAILER CABLE INTO THE TOW VEHICLE AND START THE TOW VEHICLE TO PROVIDE POWER TO THE JACK
	NO POWER FROM THE TRAILER CONNECTOR	CHECK THE TRAILER CONNECTOR HAS POWER. REPLACE OR REPAIR THE TRAILER CONNECTORS OR WIRING.
THE LIGHT IS OK, BUT THE JACK WILL NOT OPERATE	LOOSE WIRES ON UP/DOWN SWITCH	SECURE/REPAIR WIRE CONNECTIONS
	UP/DOWN SWITCH FAULTY	REPLACE SWITCH
	LOOSE WIRES ON MOTOR	SECURE WIRE CONNECTIONS
	MOTOR FAULTY	REPLACE MOTOR OR REPLACE ENTIRE UNIT WITH A NEW JACK.
JACK CAN OPERATE BUT LIGHT DOESN'T WORK	LOOSE WIRES ON LIGHT SWITCH	CHECK IF THE LIGHT AND/OR SWITCH WIRING CONNECTION IS SECURED
	FAULTY LIGHT AND/OR SWITCH	REPLACE LIGHT AND/OR SWITCH



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OPTIONAL ACCESSORIES

Enhance your Gator Mini

Accessories sold separately.

GATOR MINI 6" Jockey-Wheel Attachment

Code: 450-10082

150mm (6") hard wearing polymer wheel
Allows easy manoeuvrability while the jack is fitted
Rated to 545kg
Direct fit for Gator Mini Includes securing clip



GATOR MINI 8" Jockey-Wheel Attachment

Code: 450-10084

200mm (8") hard wearing polymer wheel
Larger wheel for easier rolling
Rated to 680kg
Direct fit for Gator Mini Includes securing clip



GATOR JACK Weather Resistant Storage Cover

Code: 450-10042

Protects your Gator Jack during storage
Durable weather resistant material
Helps keep the jack clean when not in use



SPHERE 5m DC Power Loom - 50A

Code: 450-10036

Suitable for Gator Jack
5m heavy-duty DC power loom
50A Anderson plug
6mm² twin cable
8mm ring terminals





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CICRV
COAST TO COAST

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NEW ZEALAND
Ph (09) 274 8700
Email: enquiry@coastrv.co.nz
Web: www.coastrv.co.nz

Warranty Against Defects

1 WHAT THIS WARRANTY RELATES TO

1.1 This warranty covers goods supplied by Coast RV Pty Ltd T/A Coast to Coast RV Services ("Supplier") to the Client ("Goods") and relates to any defects in materials and workmanship under normal use and maintenance ("Defect").

2 WHAT THE SUPPLIER WILL DO TO HONOR THE WARRANTY

2.1 The Supplier will:

- (i) replace or repair the Goods or the defective part of the Goods free of charge;
- (ii) arrange for the Goods or the defective part of the Goods to be repaired or replaced by a qualified repairer free of charge.

2.2 The Supplier reserves the right to replace defective parts of the Goods with parts and components of similar quality, grade or composition where an identical part or component is not available.

2.3 Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

3 WHAT THE CLIENT MUST DO TO CLAIM THE WARRANTY

3.1 To claim the benefit of the warranty, the Client will need to (sequentially):

- (i) first contact the Supplier; and
- (ii) present the defective Goods to the Supplier for inspection, including inspection for defective workmanship, or otherwise provide evidence of the claimed Defect, accompanied by evidence of proof of purchase and date of delivery, and if applicable, evidence of maintenance performed in accordance with the relevant maintenance schedules.

3.2 The claim listed in clause 3.1 may be made in person, or the claim may be sent to the address listed on this form, including the particulars required under clauses 3.1(i) and 3.1(ii).

3.3 The appropriate form for making a claim for warranty is as attached.

4 DURATION OF WARRANTY

4.1 This warranty will cease:



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- (i) where the Goods are purchased already fitted in or as a component of a vehicle or RV: from the date that is twelve (12) months after the Client takes delivery of the vehicle or RV; and
- (ii) where the Goods are purchased separately or as an after-market item: from the date that is twelve (12) months from the date of purchase..

4.2 If a Defect does not materialise in the Goods prior to the date provided in clause 4.1, the Supplier will have no liability to the Client under this warranty.

5 RESPONSIBILITY FOR COSTS OF CLAIM UNDER THIS WARRANTY

5.1 The Supplier is responsible for the costs directly associated with repairing or replacing the Goods in accordance with clause 2.1 only.

5.2 Any works required to be completed in addition to fixing the Defect are the responsibility of the Client. Additional works includes any costs associated with any testing or repair of the Goods or any goods to which they are fitted, undertaken by a third party in relation to any defect without prior authorisation from the Supplier.

5.3 Where it is determined that the Goods do not have a Defect, the Client will be charged a GST exclusive inspection fee of forty-five dollars (\$45.00AUD in Australia or \$45.00NZD in New Zealand) plus freight costs for the return of the Goods, this is subject to change without notice.

5.4 The cost of delivery and insurance of the Goods to and from the Supplier, travel costs to and from the Supplier, and the cost of inspecting and testing the Goods are the sole responsibility of the Client.

1 WARRANTY LIMITATIONS

1.1 The Supplier makes no warranties or representations other than those set out in this warranty document except as is required by law.

1.2 The Supplier will not be liable under this warranty:

- (i) to the Client or any other person for any consequential, direct or indirect loss, damage or costs incurred or suffered by the Client or any other person, including but not limited to damage to persons, other property, loss of turnover, loss of profits, loss of business or goodwill;
- (ii) to the Client for transportation or travel costs which are the Client's responsibility;
- (iii) for damage or defects in any Goods caused by improper transportation, storage or any other misuse, neglect or accident.
- (iv) for the installation of the Goods. Any fault or defect due to installation should be referred to the installer. The Goods must be installed in accordance with the Manufacturer's instructions and any relevant legislation or code.

1.3 This warranty covers the Client only and it is not transfer able if the Goods are sold by the Client during the warranty period.



2 WARRANTY EXCLUSIONS

2.1 This warranty will not apply where:

- (i) the Goods have been improperly modified or repaired or the Good's defect has arisen due to the Client's failure to properly install, fit, maintain, service or use the Goods in accordance with the specifications and instructions provided by the Manufacturer, including a failure to comply with the relevant maintenance schedule (where applicable);
- (ii) the Supplier cannot establish any Defect in the Goods after testing;
- (iii) the Goods have been used other than for the purpose for which they were designed;
- (iv) the Goods have been subject to abnormal conditions, including but not limited to temperature, pressure, stress, load or similar;
- (v) the Client or installer have used or fitted non-genuine or non-approved parts and accessories to the Goods or have failed to use recommended parts and accessories;
- (vi) the Good's defect has arisen due to abuse, misuse, neglect or accident;
- (vii) the Goods have not been installed in accordance with the relevant instructions;
- (viii) the Good's defect is caused by use or fair wear and tear of the Goods (or expendable parts).

3 RIGHTS AT LAW

3.1 The benefits given to the Client under this warranty are in addition to other rights and remedies of the Client at law in relation to the Goods.

3.2 In Australia 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.



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Warranty Claim Form

Warranty Providers Name	Coast RV Pty Ltd trading as Coast to Coast RV Services ABN 49 097 104 492 - ACN 101 461 330
Warranty Providers Address	PO Box 6287, Silverwater NSW 1811 Australia OR; PO Box 58-054 Botany AUCKLAND 2163 New Zealand
Client:	
Contact No.	
Description of Goods provided	
Receipt enclosed: (tick box)	☐ YES ☐ NO
Receipt No:	
Description of defects (Give as much detail as possible. Use a separate page if required)	
Date of purchase/services provided	

I hereby declare that the information provided above is true and correct and to the best of my knowledge and belief and I have complied with all the conditions of the warranty.

Signed:

Name:

(please print)

Dated:

Please note, the issue or completion of this form by the Client does not constitute an admission of liability by the Supplier.



Ph (02) 9645 7600

Email: warranty@coastrv.com.au

Web: www.coastrv.com.au