



YOWIE SLIM

ABS HARDSHELL
ROOF TOP TENT

USER MANUAL





Thank you for purchasing a 23 ZERO Roof Top Tent

Congratulations on the purchase of 23ZERO’s YOWIE Slim Hardshell Roof Top Tent!

We strive to provide you with the ultimate camping experience. The YOWIE Tent mounts directly to a roof rack, tub rack, or aftermarket roof bars. It opens and is fully set up in seconds. Along with our innovative LST fabric, this hardshell tent is made with durable materials and high-quality fabrics that provide excellent water and wind protection.

Warning: During setup and first use, some aluminium swarf may be present inside the roof top tent. We make every possible attempt to expel all aluminum swarf; however, with vibrations caused by logistics, some residual swarf may dislodge and reappear. It is advised to remove and clean these during the first setup, wearing safety glasses.
PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLING

IMPORTANT

Before installing your 23Zero Roof Top Tent please ensure you are aware and understand the following:

- **Your vehicle’s maximum roof load rating.**
- **Your roof rack’s maximum load rating including off-road capacity.**

The maximum amount of weight you can safely add to a vehicle’s roof / cargo area differs according to make and type of vehicle including aftermarket additions such as roof racks / bars.

Note: Roof rack off-road limits are immensely different to normal road use load ratings. If in doubt, please contact your vehicle manufacturer and roof rack manufacturer / supplier for specified loading capacity of your vehicle and roof rack.

Not all factory roof racks or aftermarket roof bars can safely accommodate roof top tent models. The responsibility of fitting this roof top tent to rated roof racks or roof bars lays with the purchaser.

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Safety & Warnings

Important Notice: Improper installation or use of the YOWIE Slim roof top tent may result in serious injury or death. Follow these instructions carefully to ensure proper installation and safe use of the roof top tent.

Vehicle Handling:

- Alterations such as roof racks and roof top tents may affect vehicle handling and characteristics.

Manufacturer Disclaimer: 23ZERO disclaims all responsibility for accidents and/or damage due to:

- Installation of a roof top tent to an underrated roof rack.
- Improper use.
- Improper maintenance.
- Failure to check the tightness and working condition of fastening hardware regarding the installation of the tent and the roof rack system.

Inspections:

- Roof top tents have many moving parts, so regular maintenance checks are advised.
- During trips, regularly check that all nuts and bolts attaching the roof top tent to the vehicle, as well as hinges and locks, are tight and in good repair.






Ladder Safety:

- Ensure correct placement and angle of the ladder for your safety.
- The recommended ladder placement is a 4:1 ratio or approximately 75°.
- Adjust ladder height as needed depending on vehicle height. See "Ladder Adjustment" for details.
- **DO NOT CLIMB ON THE LADDER UNTIL THE CORRECT ANGLE IS ACHIEVED.**

 **SAFETY WARNING** 
KEEP ALL FLAME AND HEAT SOURCES AWAY FROM THE TENT MATERIALS.
UNDER NO CIRCUMSTANCE SHOULD ANY NAKED FLAME SOURCES OR HEATING DEVICES
BE USED INSIDE OR NEAR THE TENT.
KEEP CAMP FIRES WELL AWAY FROM TENT.
KEEP A LOOK OUT FOR ANY AIRBORNE BURNING EMBERS THAT MAY COME INTO
CONTACT WITH THE TENT.
KEEP A FIRE EXTINGUISHER OR WATER BUCKET NEARBY.
DO NOT SMOKE WITHIN THE TENT.
DO NOT OPERATE ANY DEVICE WHICH BURNS FUEL INSIDE OF THE TENT.
KEEP EXIT CLEAR.

Hardware & Accessories

The YOWIE SLIM Hardshell roof top tent includes a mounting kit with everything required to mount the roof top tent to most roof or tub racks .

<p>55mm M8 bolt x 8</p> 	<p>Slide plates x 8</p> 
<p>M8 <u>Nylok</u> nut x 8</p> 	<p>Mounting plate x 4</p> 
<p>Mounting rail plastic cap x 4</p> 	<p>13mm Ratchet <u>spanner</u></p> 
<p>Stay poles x 4</p> 	

Note: Some platform style roof racks have platforms which are wider than the supplied mounting plate. 23ZERO have wider mounting plates available for this scenario.

Please visit www.23zero.com.au.

Fitting the YOWIE Slim Roof Top Tent to Roof Rack

1. Determine Ladder Deployment Side:

- The YOWIE Slim can be oriented to deploy from either the right or left side of the vehicle.
- Release all four locking clamps and raise the shell.
- Identify the rear of the tent (X frame side) by locating the 23 Zero logo on the ABS shell.

2. Locate Fixed Mounting Rails:

- Find the fixed mounting rails on the underside of the tent.

3. Lift Tent onto Roof Rack:

- Ensure the YOWIE Slim is closed and clamps are locked.
- With a minimum of four people, lift the tent onto the vehicle's roof rack.

4. Position T-Bolts: See pic below

- Slide four 55mm M8 T-Bolts into each bottom mounting rail using the provided slide plates.
- Position two bolts toward the front and two bolts toward the rear of the tent on each rail.
- Tilt the tent to allow the inner bolts to cross over onto the inside of the roof bars.

5. Inspect and Adjust Position:

Ensure the tent opens in the desired position.

6. Secure Tent:

- Place a mounting plate under the roof bar and locate the bolts.
- Hand tighten the Nylok nuts.
- Repeat for all four corners.
- Double-check the tent's position and securely tighten all nuts with the provided 13mm wrench. Do not use a powered device to tighten.
- Ensure bolts are straight during tightening to avoid stainless steel galling.

7. Insert End Caps:

- Insert end caps into the ends of the mounting rails, using light taps with a soft blow hammer if needed.

8. Final Checks:

- Re-check all bolts and fasteners for tightness and good repair, including factory-fitted mounting rail bolts under the mattress.
- Lift the mattress to check the top nut.

9. IMPORTANT:

- Regularly check all fixings for tightness and good repair during trips.
- By following these steps, you ensure that your YOWIE Slim roof top tent is securely mounted and ready for use.

Opening & Set up

Deployment Options

Option 1: For weight reduction and when the tent is mounted lower than 1600 mm (e.g., rear of dual/single cabs, trailers, etc.), use the new extendable pole. This allows for the ladder to be removed and stored separately during pack down.

Option 2: Use the ladder to deploy and close the tent.

Note: Option 1 is recommended for weight-saving purposes and for lower mounting positions.

Step 1: Release Locking Mechanism

Locate the four locking latches. From the underside, release the Velcro tension on the webbing strap.

Depress the locking pin and remove it. Pull up and away on the webbing strap to release the striker latch.

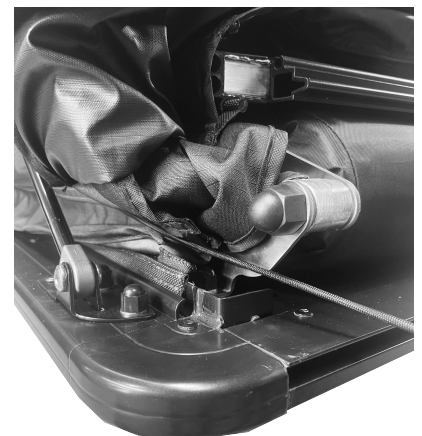
Repeat this process on all four corners.



Step 2: Lift ABS Lid

Lift the ABS lid until the gas struts take over.

Lower the pack up assisting shock cord and attach it to the retainer on each corner of the baseboard.

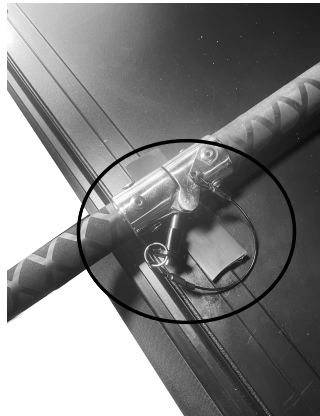


OPTION 1: Using the Extendable Pole to Deploy and Pack Down Tent

1. The extendable pole is factory-fitted for your convenience. Disengage it from the C clip position on the baseboard.
2. Pivot the pole at the knuckle so it is fully extended and secure it with the locking pin. Ensure the pin is fitted correctly with an audible click. (REF 1,2)
3. Stand behind the pole and pull down against the edge of the baseboard, allowing mechanical advantage to fold over the baseboard. (REF 3,4,5)
4. Remove the lock pin from the pole knuckle and fold it away. Secure the pole to the underside of the baseboard, as when removed. (REF 6)
5. Attach and secure Ladder - **IMPORTANT: Set and secure the ladder before proceeding. Refer to "Ladder Adjustment" on page 14 for detailed instructions. (REF7)**



REF1



REF2



REF3



REF4



REF5



REF6



REF7

Option 2: Using Ladder to Deploy Tent

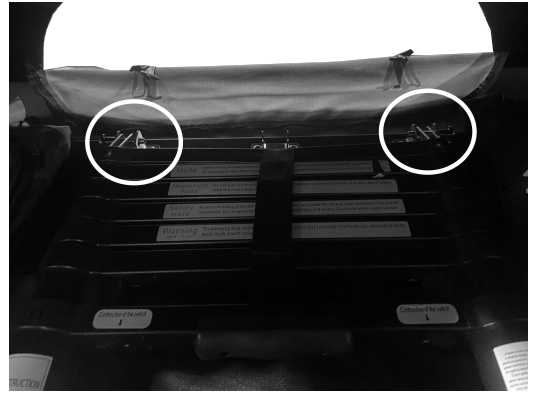
1. Remove the fitted extendable pole attached to the baseboard by depressing the locking pin. Store the pin in a safe place. Unclip the extended pole from its secured C clip and set it aside. (REF1,2)
2. Locate the two ladder brackets fitted to the baseboard and remove each locking pin.
3. Place the ladder over the fitted ladder brackets and secure it with the locking pins. Ensure the pins are fitted correctly with an audible click. (REF3)
4. Release the ladder strap and fully extend the ladder.
5. Use the ladder as a lever to pull down and out, unfolding the inner baseboard.
6. Secure Ladder - **IMPORTANT: Set and secure the ladder before proceeding. Refer to "Ladder Adjustment" on page 14 for detailed instructions.**



REF 1



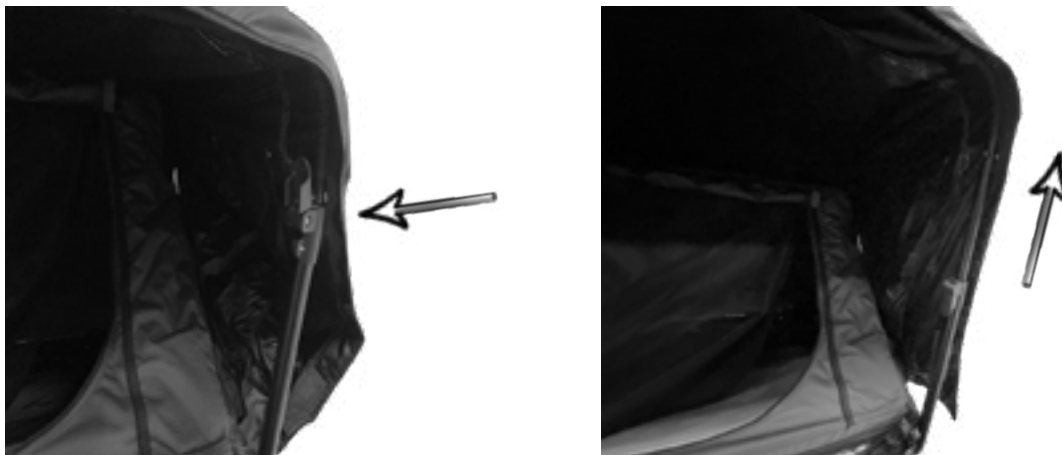
REF 2



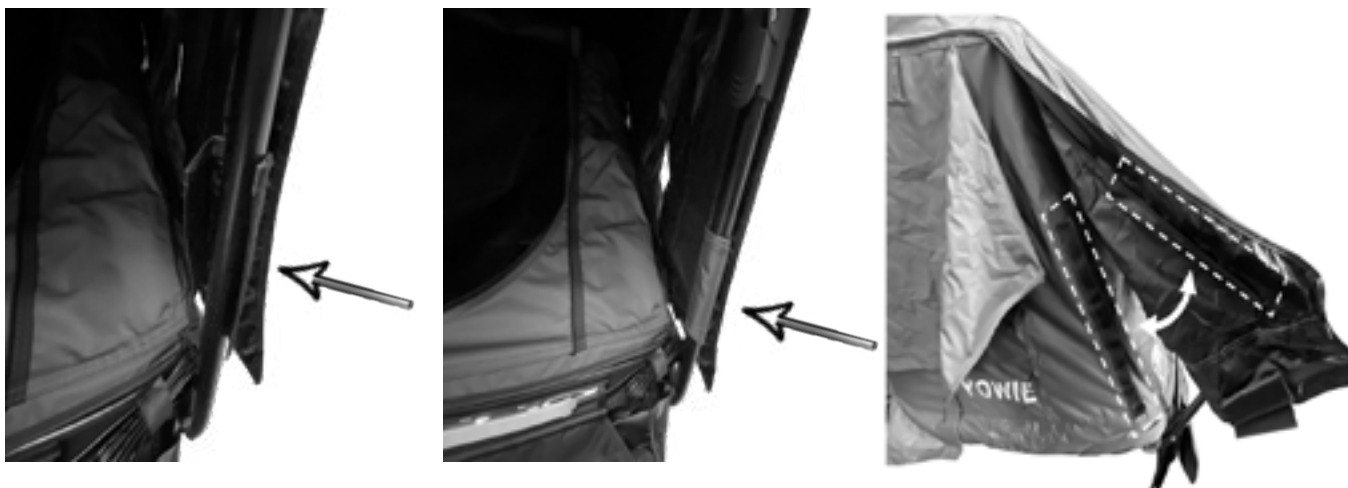
REF 3



5. Release canopy hoop trigger locks to extend canopy hoop. Lock to fix. Repeat other side



3. Attach fly to canopy pole via hook & loop wrap and to tent body via hook & loop side strip
Repeat for both sides.



3. Locate window stay pole holes on baseboard and insert window stay poles.
Flex pole and feed hook end through eyelet on window canopy. Repeat both sides.
TIP: This can be done through windows from inside tent.



Closing & Packing up Yowie Slim

Packing down the Yowie Slim tent is the reverse procedure of setting it up.

Note: To avoid component damage, it is highly recommended not to place additional bedding within the tent when packing down. If using mattress toppers, you must remove them before packing down. The tent is not designed to store additional bedding or mattresses.

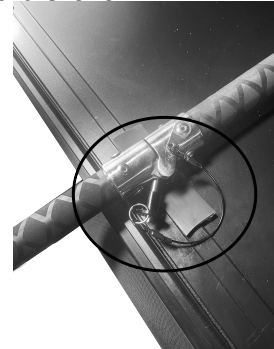
Using the Extendable Pole

Step-by-Step Instructions:

1. Remove Window Rods:
 - A. From within the tent, remove all window rods and store them in the provided sleeve. Place the sleeve under the mattress towards the rear of the tent.
2. Open Windows:
 - A. Partially unzip and open window panels by 30 to 50% to allow internal air to escape. The fly screens can remain zipped up.
3. Remove items:
 - A. Remove valuables, personal items, and additional bedding. Ensure the tent is vacant and clear of sharp objects.
 - B. Important: Detach fly hook and loop sleeves, retract the canopy hoop, and lock it before folding over the tent.



4. Retract Ladder:
 - A. Remove the lock pins that secure the ladder to the ladder brackets on the tent baseboard.
 - B. Remove and retract the ladder, store it within the provided bag, and place it in the vehicle or another safe location.
5. Prepare Extendable Pole:
 - A. Unclip the extendable pole from its position, extend it, and secure the lock pin into the center knuckle, ensuring the pin is fully engaged with an audible click.



1. Fold Tent:

- A. Stand in front of the tent and with two hands, push the pole up and over until the two baseboards meet.
- B. Secure the extendable pole back into the C clip on the baseboard in a folded manner as per factory specifications.



2. Secure Canvas

- A. Locate the pack down shock cord at the retainer brackets and pull it over the canvas, ensuring the windows are tucked away under tension.



3. Close Tent

- A. Pull down on the lid strap and close the tent, tucking away any bellowing canvas under the lid.
- B. Secure all four locking clamps by pushing against them with your palm to engage the latch. Insert locking pins, ensuring the pins are engaged with an audible click.
- C. Secure loose webbing under the baseboard with the attached touch tape.

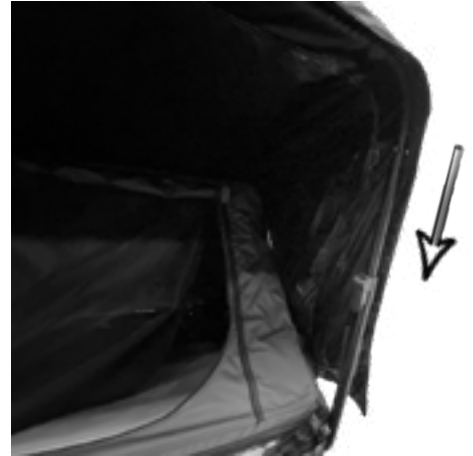


Closing & Pack up

Using the Ladder

Step-by-Step Instructions:

1. Remove Window Rods:
 - A. From within the tent, remove all window rods and store them in the provided sleeve. Place the sleeve under the mattress towards the rear of the tent.
2. Open Windows:
 - A. Partially unzip and open window panels by 30 to 50% to allow internal air to escape. The fly screens can remain zipped up.
3. Remove items:
 - A. Remove valuables, personal items, and additional bedding. Ensure the tent is vacant and clear of sharp objects.
 - B. Important: Detach fly hook and loop sleeves, retract the canopy hoop, and lock it before folding over the tent.



4. Prepare the Ladder:
 - A. Fully extend the ladder outwards so it is at its maximum length and all rungs are in lock position.
5. Fold Tent:
 - A. Standing behind the ladder, lift it from below up and over until the baseboard folds over.
 - B. From the bottom rung, depress the lock buttons and retract the ladder, keeping fingers well away until it is fully closed.
 - C. Secure the ladder rungs with the retaining strap attached.



Closing & Pack up

1. **Important Step:** *The tent canopy hoop must be retracted, locked, and positioned so it is just resting over the ladder feet. It should not be resting above the feet nor too far back. If the tent lid is not fully closing, the canopy hoop is not positioned correctly. Do not force the lid at this stage as you will damage the tent fly. Check the position of the canopy hoop and adjust as necessary.*



2. Close tent:

- A. Locate the pack down shock cord at the retainer brackets and pull it over the canvas, ensuring the windows are tucked away under tension.
- B. Pull down on the lid strap and close the tent, tucking away any bellowing canvas under the lid
- C. Secure all four locking clamps by pushing against them with your palm to engage the latch. Insert locking pins, ensuring the pins are engaged with an audible click.
- D. Secure loose webbing under the baseboard with the attached touch tape.



Closing & Pack up

PACK UP COMPLETE.

IMPORTANT: *Ensure the YOWIE is packed dry at all times. If weather conditions dictate a wet pack up, open the tent and allow to dry fully as soon as possible.*



Ladder adjustment

For your safety and protection, ensure correct placement and angle of ladder. See diagrams below. Recommended ladder placement is a 4:1 ratio or approx. 70° to 75°.

NOTE: Under no circumstances should anyone be inside the roof top tent if the ladder is not locked and secured at the correct angle.

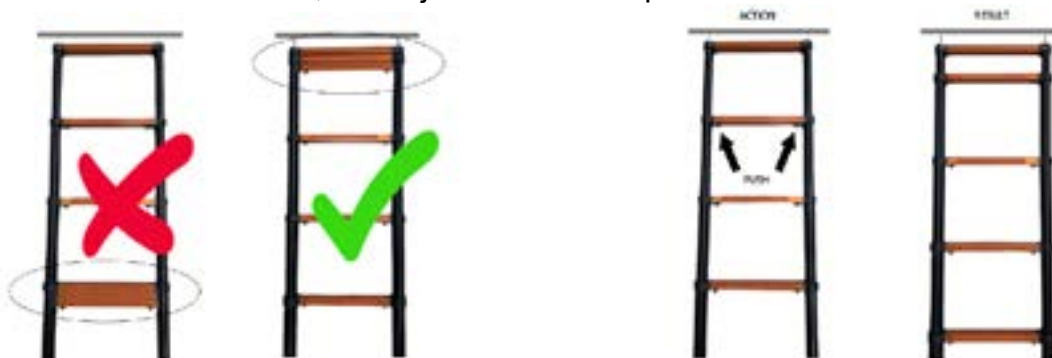


The ladder may need to be adjusted to achieve the correct angle depending on the height of your setup. If shortening is required, the adjustment must be done from the top.

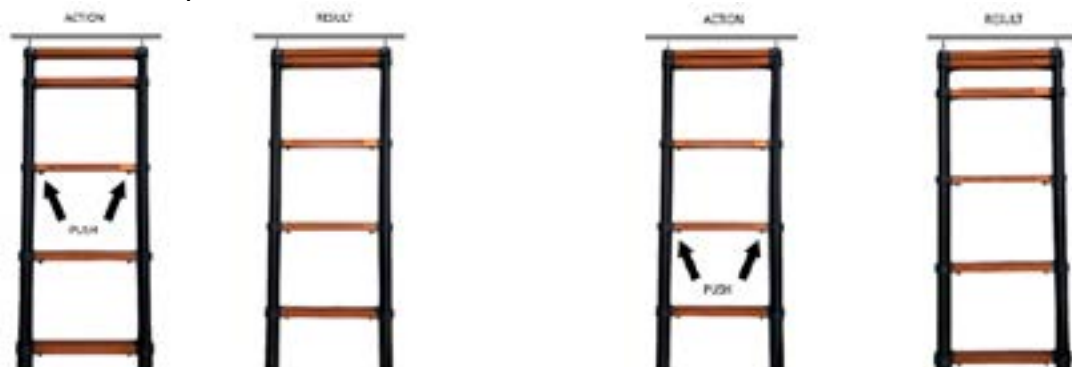
Ensure the ladder is fully extended and all rungs are locked in place. Press the first set of locking buttons (second rung from the top) and allow the ladder to compress until a gap of approx. 85mm is achieved between rung 1 & 2.

Note: The ladder will only lock in the downward position.

Swing in the bottom of the ladder until it supports the weight of the roof top tent. If the angle of the ladder is between 70° and 75°, the adjustment is complete.



If further shortening is required press the second set of locking buttons (third rung from the top). This will close the 85mm gap until rung 1 & 2 are now touching. Swing in the bottom of the ladder until it supports the weight of the roof top tent. If the angle of the ladder is between 70° and 75°, this adjustment is complete.



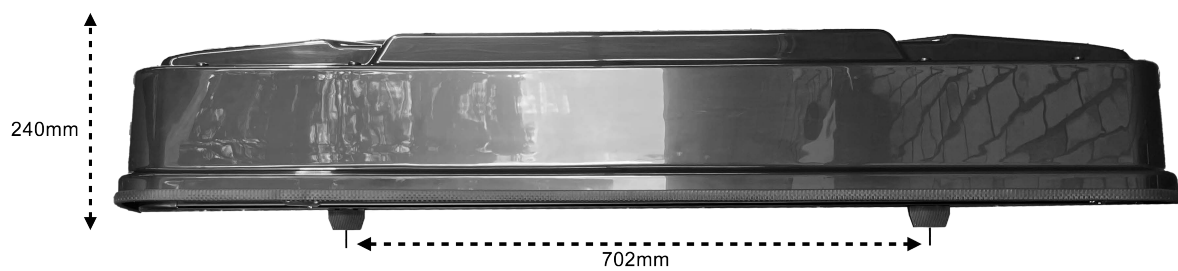
NOTE: When height adjusted, the ladder will only lock in the downward position.

If further adjustment is required, repeat the above steps by continuing the sequence by depressing the next set of locking buttons.

Mounting rail dimensions

The diagrams and dimensions below will assist in preparing roof racks and roof bars for fitment

YOWIE SLIM



2 Year Warranty

23ZERO will replace or repair any product at its discretion that is subject to faulty manufacturing or workmanship including materials.

Exclusions

The above warranty is limited to manufacturing and materials defects. Not including damage caused by misuse or abuse, wear and tear, condensation, extreme weather, accidents, incorrect set up, damage caused by mould, insects, animals or children. This also excludes broken poles and damage caused by a jammed, snagged zipper or excessive force applied to zipper causing failure.

Consumer rights

Our goods come with guarantees that cannot be excluded under Australian 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 goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

* Due to our policy of continual product development, the specifications, colours and feature may vary.

Making a claim

To make a claim in relation to the above manufacturers warranty please ensure you retain your sales receipt of purchase. Please contact us via email at service@23zero.com.au stating the nature of your claim and we will be in touch with you in a timely manner. If you require additional assistance, please phone 03 9547 4691 to discuss and arrange your claim. Product subject to warranty will be sent to 23ZERO Australia, 32b Eileen Rd. Clayton South, Victoria 3169. All freight costs associated with return of product for assessment is payable by consumer.



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