

BUSHWACKA®

ADVENTURE GEAR

ROOFTOP TENT

SETUP & CARE INSTRUCTIONS



DOG HOUSE



BABY SHACK



ST15



ST19



SHACK



PENTHOUSE

Before using the Rooftop Tent from our Extreme range for the first time, please read through the instructions.



BEYOND THE GEAR, IT'S A FEELING.

Before your adventures begin, it is important to familiarise yourself with your rooftop tent.
We recommend verifying that all parts are included before your first setup.

DOG HOUSE RTT CONTENTS:

2.3m telescopic step Ladder with hook attachment
Electric fan (Chargeable and removable)
Memory foam Pillow
Dehumidifier bag
Shoe bag
4 x Z- shape spring poles
70mm memory foam mattress with anti-condensation mat
Mounting Accessories bag:

- 5m car charge cable
- Size 13mm ratchet wrench
- 2 x Hex wrench
- 4 x Flat brackets
- 8 x 65mm steel M8 bolts & nuts
- 8 x Channel sliders
- Anderson interface
- 8 x T- shaped head 20mm steel M8 bolts & nuts
- 4 x Mounting rail caps

BABY SHACK RTT CONTENTS:

2.3m telescopic step Ladder with hook attachment
Electric fan (chargeable and removable)
4 x Cross bar mounting plates
2 x Memory foam Pillows
Dehumidifier bag
2 x Roof cross bars
2 x Shoe bags
4 x Z- shape spring poles
70mm memory foam mattress with anti-condensation mat
200W Roam Gear Solar Panel
Mounting Accessories bag:

- 5m car charge cable
- Size 13mm ratchet wrench
- 2 x Hex wrench
- 4 x Flat brackets
- 8 x 65mm steel M8 bolts & nuts
- 8 x Channel sliders
- Anderson interface
- 8 x T- shaped head 20mm steel M8 bolts & nuts
- 4 x Mounting rail caps

SHACK RTT CONTENTS:

2.3m telescopic step Ladder with hook attachment
Electric fan (chargeable and removable)
6 x Cross bar mounting plates
2 x Memory foam Pillows
Dehumidifier bag
3 x Roof cross bars
2 x Shoe bags
4 x Z- shape spring poles
70mm memory foam mattress with anti-condensation mat
200W Roam Gear Solar Panel
Mounting Accessories bag:

- 5m car charge cable
- Size 13mm ratchet wrench
- 2 x Hex wrench
- 4 x Flat brackets
- 8 x 65mm steel M8 bolts & nuts
- 8 x Channel sliders
- Anderson interface
- 8 x T- shaped head 20mm steel M8 bolts & nuts
- 4 x Mounting rail caps

PENTHOUSE RTT CONTENTS:

2.3m telescopic step Ladder with hook attachment
Electric fan (chargeable and removable)
2 x Memory foam Pillows
Dehumidifier bag
2 x Shoe bags
2 x Straight spring poles
70mm memory foam mattress with anti-condensation mat
200W Roam Gear Solar Panel
Mounting Accessories bag:

- 5m car charge cable
- Size 13mm ratchet wrench
- 2 x Hex wrench
- 4 x Flat brackets
- 8 x 65mm steel M8 bolts & nuts
- 8 x Channel sliders
- Anderson interface
- 4 x Mounting rail caps

ST15 RTT CONTENTS:

- 2.3m aluminium alloy telescopic ladder
- 6 x Cross bar mounting plates
- 2 x Memory foam Pillows
- Dehumidifier bag
- 2 x LED light strips
- 2 x Roof cross bars
- 2 x Shoe bags
- 6 x Z- shape spring poles
- Double-layer 3.5cm sponge mattress & 0.5cm condensation mat
- Mounting Accessories bag:
 - 5m car charge cable
 - Size 13mm ratchet wrench
 - 2 x Hex wrench
 - 4 x Flat brackets
 - 8 x 65mm steel M8 bolts & nuts
 - 8 x Channel sliders
 - Anderson interface
 - 8 x T- shaped head 20mm steel M8 bolts & nuts
 - 4 x Mounting rail caps

ST19 RTT CONTENTS:

- 2.3m aluminium alloy telescopic ladder
- 6 x Cross bar mounting plates
- 2 x Memory foam Pillows
- Dehumidifier bag
- 2 x LED light strips
- 2 x Roof cross bars
- 2 x Shoe bags
- 6 x Z- shape spring poles
- Double-layer 3.5cm sponge mattress & 0.5cm condensation mat
- Mounting Accessories bag:
 - 5m car charge cable
 - Size 13mm ratchet wrench
 - 2 x Hex wrench
 - 4 x Flat brackets
 - 8 x 65mm steel M8 bolts & nuts
 - 8 x Channel sliders
 - Anderson interface
 - 8 x T- shaped head 20mm steel M8 bolts & nuts
 - 4 x Mounting rail caps

RECOMMENDED OPTIONAL EXTRA'S

Solar panel

Please note that the 200w Solar Panel is **NOT** included with the following models of rooftop tents; Dog House, ST15 or ST19 but can be purchased as an optional extra. Please visit our website to view the range of solar panels that we stock.



We do not supply mounting brackets for the solar panel and we recommend the use of angle line to mount the solar panel.

RTT awning mount bracket

A minimum of 2 rooftop tent brackets are required for mounting your Bushwakka awning or ensuite to your rooftop tent.



\$199.00 PER PAIR

Short Lip (4.5cm) Camper Awning Bracket

Suitable for mounting directly to The Penthouse



\$199.00 PER PAIR

PLEASE NOTE: DOES NOT COME WITH FIXINGS, YOU WILL NEED TO SOURCE YOUR OWN TO SUIT YOUR SETUP.



ROOFTOP TENT INSTALLATION STEPS

STEP 1

REMOVE MOUNTING CONTENTS AND CHECK AGAINST CONTENTS LIST:

1. Open the rooftop tent and locate contents from inside of RTT
2. Carefully remove all mounting contents, ensuring not to misplace small parts.
3. Lay out the items on a clean, flat surface for inspection.
4. Cross-check each item against the contents list provided by the manufacturer.
5. Verify that all parts, such as brackets, bolts, washers, nuts and tools are accounted for.

STEP 2

DRILL HOLES IN THE ROOF RACK FOR MOUNTING

1. Measure the distance between the mounting rails located on the bottom of the rooftop tent.
2. Transfer this measurement to the area where the tent will be mounted, such as the roof rack or square tubes.
3. Mark the spots for drilling four 8.5mm holes:
Two holes for the front of the tent.
Two holes for the back of the tent.
4. Use a drill with an 8.5mm bit to create the holes through the racking system.
5. Ensure the holes are clean and properly aligned for the tent mounting process.

STEP 3

POSITIONING OF THE TENT

1. **Position the Tent:**
 - With the help of a lifting mechanism or several people, carefully lift the rooftop tent.
 - Position the tent above the vehicle where it will be mounted.
 - Ensure the mounting rails on the bottom of the tent align with the pre-drilled holes in your roof rack system.
2. **Insert Bolts Through Holes:**
 - Lower the tent onto the roof rack system.
 - Guide the bolts already attached to the mounting rails through the drilled holes in the rack.

Please find steps 3, 4 & 5 on the next page...

STEP 3 CONTINUED

POSITIONING OF THE TENT

3. **Secure with Washers and Nyloc Nuts:**
 - Place washers and nyloc nuts onto the bolts from underneath the roof rack.
 - Ensure the washers are seated properly before threading the nuts.
4. **Final Alignment:**
 - Confirm that the bolts in the mounting rails correspond correctly with the pre-drilled holes.
5. **Tighten the Nuts:**
 - Use a 13mm spanner to tighten the four nuts securely.
 - Avoid overtightening to prevent damage to the mounting rails or roof rack system.

Make any necessary adjustments to ensure the tent is centered and secure on the roof rack.

STEP 4

SECURE THE TENT USING THE U-BOLT SYSTEM (NO DRILLING REQUIRED)

1. Prepare the M8 Bolts and Sliding Mounts:
 - Take the M8 bolts supplied with the tent.
 - Insert each bolt into the sliding mounts provided.
 - Slide a total of 8 bolts with sliding mounts into the rails underneath the tent.
 - Ensure the rails underneath the tent align with the racking system.
2. Attach the U-Bolt plates:
 - Place a U-bolt around the roof rack system, one on either side of the rail.
 - Position the U-bolt plate underneath the roof rack system so that it fits into both bolts of the U-bolt.
3. Secure the nuts and washers:
 - Place washers and nuts onto both bolts of each U-bolt.
 - Leave the nuts loosely tightened for now, allowing for final adjustments.
4. Align and finalize positioning:
 - Adjust the tent and the U-bolt system to ensure everything is properly aligned.
 - Once the tent is correctly positioned, proceed to fully tighten the nuts on all U-bolts, ensuring the tent is securely mounted.

This method avoids drilling, making the process faster and compatible with most roof rack systems.

STEP 5

FINAL STEP: DOUBLE-CHECK SECURITY OF THE ROOFTOP TENT (RTT)

1. Inspect All Connections:
 - Check that all bolts, washers, and nuts (including U-bolt plates or drilled mountings) are tightly secured.
 - Use appropriate tools (e.g., a 13mm spanner or wrench) to ensure each connection is snug without overtightening.
2. Verify Proper Alignment:
 - Ensure the rooftop tent is centered and aligned properly on the roof rack system.
 - Double-check that the mounting rails are flush with the roof rack and evenly spaced.

Please find steps 3, 4, 5 & 6 on the next page...

STEP 5 CONTINUED

FINAL STEP: DOUBLE-CHECK SECURITY OF THE ROOFTOP TENT

3. Test Stability:
 - Shake the rooftop tent to confirm it is securely fastened.
 - Look for any movement or looseness in the mounting system.
4. Examine All Components:
 - Ensure that no bolts or washers are missing or improperly installed.
 - Confirm that all U-bolts or drilled mounts are positioned as intended.
5. Check for Clearance:
 - Verify that the tent does not obstruct vehicle functionality, such as doors, hatchback, or sunroof.
 - Confirm that the tent's weight is evenly distributed across the roof rack.
6. Final Tightening:
 - Perform a final tightening of all nuts and bolts.
 - Ensure all connections are secure for safe travel.

By double-checking every component, you ensure the rooftop tent is mounted safely and ready for use.

SETTING UP YOUR ROOFTOP TENT

1. UNCLIP ALL OF THE LATCHES:

- Locate and undo all latches securing your rooftop tent.
- Ensure all latches are fully unfastened to avoid damage when opening the tent.

2. SET UP THE LADDER:

- Remove the ladder from its storage location.
- Attach the ladder to the allocated ladder rail located at the end of the rooftop tent.
- Adjust the ladder to the appropriate height for stability.

3. OPEN THE TENT:

- Push the rooftop tent upward to open.
- Once open, secure the canvas by pulling the elastic band down around the base of the tent to keep it in place.

4. INSTALL THE SPRING POLES:

- Remove the spring poles from the tent storage area.
- Insert the spring poles into the allocated spring pole mounts on the rooftop tent.
- Bend each spring pole slightly back to fit it into the flyway eyelets, securing the fly for proper tension and coverage.

PACKING AWAY YOUR ROOFTOP TENT

1. CHECK INTERIOR ITEMS:

- Ensure all personal items, fans, power leads, and other accessories have been removed from the tent before closing.

2. REMOVE THE SPRING POLES:

- Take out the spring poles from the flyway mounts.
- Place the spring poles back into their designated bag for storage.

3. REMOVE BOTH SHOE BAGS:

- Detach any shoe bags or similar accessories from the sail track.
- Store them appropriately for the next use.

4. CLOSE THE WINDOWS:

- Close the fly screens, but not the windows to prevent airlock when folding the tent.
- Pull Elastic Band Over Flyways:
- Pull the elastic band up and over the flyways.
- This will help gather and tuck the canvas neatly as the tent closes.

5. CLOSE THE TENT:

- Gradually lower the tent, ensuring all canvas is pulled inside the edges and not hanging out.
- Use the elastic band or your hands to guide the canvas neatly into the tent frame.

6. SECURE THE LATCHES

- Once the tent is fully closed and all canvas is tucked in, fasten all latches securely.

ROOFTOP TENT CARE & MAINTENANCE

CLEANING:

- Use warm water and a damp cloth to wipe down the canvas and metal parts.
- Avoid using soaps or harsh chemicals, as they can cause damage, corrosion, or rust.

STORAGE & CONDENSATION:

- Always pack up the rooftop tent clean and dry.
- If packed away wet, damp, or dirty, re-open it within 48 hours to clean and dry it properly.
- Placing an anti-condensation bag inside the rooftop tent (RTT) can help reduce condensation buildup.
- Improper storage can void the warranty.



SAFETY INFORMATION

DISCLAIMER & PRECAUTIONS:

If you plan to leave your rooftop tent erected and unattended while stationary, please ensure it is secured and that the fly screens and/or zippable panels are fully closed. This will help prevent damage from unexpected weather conditions and reduce the chances of unwanted insects or wildlife entering.

- Bushwakka Adventure Gear recommends using the services of an experienced 4x4 accessories fitter to mount the rooftop tent to your vehicle.
- Ensure that you do not exceed the load-bearing capacity of your vehicle before installing your rooftop tent.
- Bolts, nuts, and fixings should be **checked** regularly on both the rooftop tent and the roof attachment system (rails, racks, or platform) before any major trips to ensure that the rooftop tent is securely mounted to your vehicle.
- To prevent your rooftop tent from inadvertently opening while traveling, it is crucial to ensure that the latches are securely closed.
- Ensure all naked flames and external heat sources (e.g., campfires, gas heaters, etc.) are kept away from the rooftop tent at all times.
- If a naked flame or external heat source is present, ensure that burning embers or airborne matter do not come into contact with the rooftop tent. Ensure that you have appropriate fire suppression equipment available, including water.
- Always be aware of your surroundings when traveling with your mounted rooftop tent. Ensure that the height restrictions of your vehicle with the mounted rooftop tent are met responsibly.
- To prevent personal injury, as well as damage to property and the product, be mindful of your surroundings when setting up or packing down your rooftop tent, and when inserting or removing the spring poles.
- Minors should always be supervised when around the rooftop tent to prevent personal injury or damage to the tent. The ladder should be placed on a stable, flat surface and properly hooked onto the ladder bracket.



Extensive travel on uneven, rough, or corrugated terrain will require more frequent inspections.



The use of unauthorized third-party mounting brackets may result in damage to the awning, vehicle, or property, which is not covered under warranty.



Bushwakka brackets have been designed and tested extensively to ensure proper operation and fitment to the vehicle. Our brackets are engineered to fit most roof rack systems, but as other companies alter their designs, we cannot guarantee compatibility with all systems.



Ensuring you treat your brackets with an anti-rust/ lanolin spray will help improve their longevity.



Bushwakka Adventure Gear accepts no responsibility for the fitment of the rooftop tent to any vehicle or roof rack system.

Bushwakka Adventure Gear recommends utilizing the services of an experienced 4x4 accessories fitter to mount your rooftop tent to your vehicle. At Bushwakka HQ on the Gold Coast, we offer an Installation Service. Installation availability* can be arranged by our Sales Team on (07) 5515 7912

