



SHINGLEBACK MOTO

Rack Assembly Instruction and Install Booklet





We'd like to take this opportunity to welcome you to the Shingleback Off Road community.

You are amongst a growing number of satisfied customers who are enjoying the great outdoors and transporting their bikes in style.

We know you're excited especially when you're getting ready to take your bike out to your favourite trails... but before you do, you need to correctly assemble your shingleback MOTO Rack.

Activate your Warranty

To ensure we have the latest contact information please register your rack online to ensure you are kept up to date with our latest developments and any safety related advice we would like to share with you.

Once registered your rack is covered by our 10 year guarantee. Visit shinglebackoffroad.com.au/register to learn more or scan the QR code at right.

If you have purchased your rack from one of our stockists, please ensure you retain your receipt for proof of purchase.

10 YEAR
GUARANTEE



Caring for your rack

To maintain the look of your new Shingleback rack and to keep it operating as it should, here are some quick tips to keep you happy on the trails.

MAINTENANCE

Before each outing, check these items on your Shingleback MOTO Rack.

- The rack is firmly in towbar and fitted with both the anti-rattle bolt (ARB) and anti-rattle clamp (ARC).
- Check the ARC is firmly secured by checking the U-bolt nuts have been done up tightly. This part does wear over time and if you need replacement parts for this attachment please visit our website to purchase.
- All nuts and bolts are tightened to the correction specifications outlined in this instructions.
- The ARB is supplied with anti seize thread paste applied to the thread. It is important to re-apply every few months or as required. Grease can also be used.

CLEANING

- After each adventure or outing, Shingleback Off Road recommends cleaning the rack with a soft cloth and warm soapy water to wash off any road grime or dirt.
- Rinse off with cold water.

Now the fun begins!

To ensure your rack performs as it should, please carefully follow the assembly instructions for the rack you purchased.

We highly recommend watching the assembly video before you start.

Scan the QR code at right or visit:

shinglebackoffroad.com.au/shingleback-moto-instructions





Got a problem with your parts? Visit shinglebackoffroad.com.au/product-support



The image displays a variety of motorcycle luggage and accessories. At the top is a long, black, textured top case. Below it are two black side cases with multiple tie-downs. To the right is a black metal rack. In the center is a black metal frame with a red and white 'SHINGLEBACK MOTO' logo. Below the frame are four black tie-downs, a black metal rack, and a black metal frame. At the bottom are two black metal frames, a black metal rack, and a black metal frame.

- 4mm allen key
- 6mm allen key
- 10mm spanner
- 17mm spanner
- 300mm (12") Shifter
- Side cutters (flush cut type for zip ties)





STEP 2. FIT THE TOW BAR MOUNT

1. Prepare to Insert into your hitch and secure with both the Anti Rattle Bolt (ARB) and Anti rattle Clamp (ARC).
2. ARB: Slide the magnetic nut inside the end of the tow bar tube until it is centered with the required hitch pin hole.
3. ARC: assemble and slide onto the tow bar mount as shown.
4. Insert the tow bar mount into your hitch until the hitch pin hole is lined up, and use the ARB in place of your hitch pin and do up very tight with a 24mm socket, spanner or 12" Shifter.
When installing the anti rattle bolt, make sure to start the thread by hand before using any mechanical tool to prevent cross-threading the bolt.
5. A padlock or the supplied R clip can be used in the end hole.
6. ARC: position as shown alternate tightening each side until tight.





STEP 3. ASSEMBLE THE CHANNEL

Set the channel to the required length and fit the 4 small bolts.

NOTE: The longest setting suits most full sized dirt bikes and is achieved when there are two mount holes visible on the ramp side of the tow bar tube, after the centre mount bolts are fitted.



STEP 4. FIT THE CHANNEL TO THE TOW BAR MOUNT

Insert all 6 bolts, washer with the nut on the outside of the channel. The middle channel mount bolt should be centered with the tow bar mount, and there should be even channel overlap on each side.

NOTE: The channel/motorbike can face either direction.





STEP 5. FRONT WHEEL CRADLE

There are two settings to allow for longer wheelbase motorbikes. For most MX and enduro dirtbikes fit the front wheel cradle in the standard position (closest to the channel) and secure with all 6 bolts as shown, washer with the nut on the outside of the channel.



STEP 6. LOCK CHOCK

Is fitted from factory in the standard position to suit dirtbikes with a 21" front wheel. Fit the handle and bracket as shown, and note that it can be configured in a few different ways to suit different bikes.

NOTE: If moving the Lock Chock to another setting make sure to place the washers as assembled, and only nip up the nyloc nut to ensure free movement.



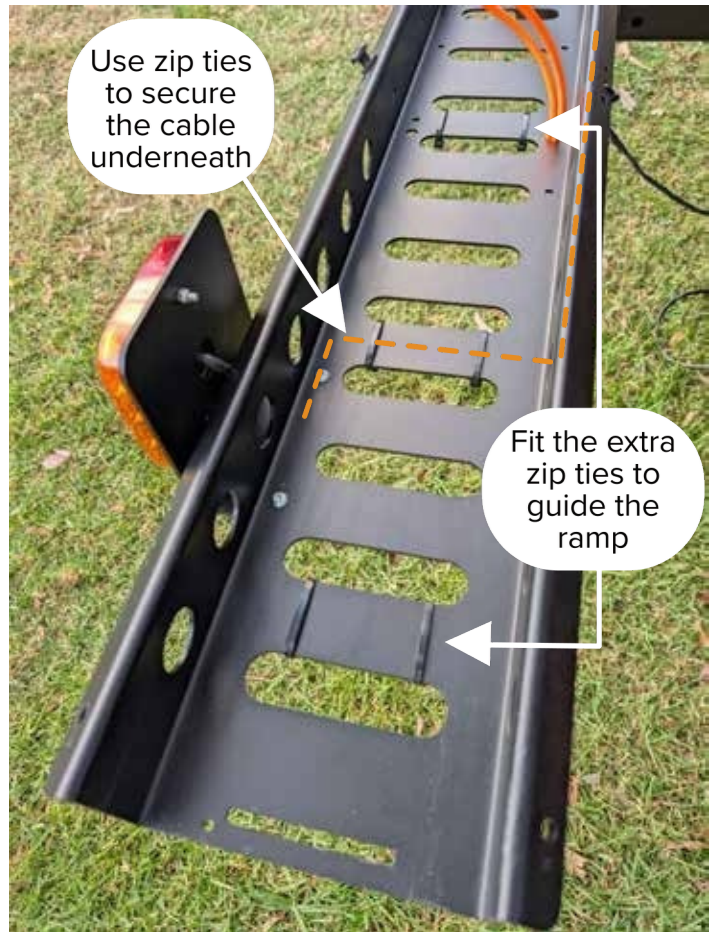


STEP 7. FIT THE LED LIGHT BRACKETS

Fit as shown using the small bolts and use the zip ties supplied to secure the cable as shown and plug into your vehicle's flat trailer plug.

NOTE: Fit extra zip ties as shown, they act as guides for the ramp.

NOTE: Make sure to purchase an auxiliary numberplate and fasten to the supplied numberplate board.





STEP 8. REAR WHEEL TRAY

Fit the Rear Wheel Tray (RWT) as shown, fasten with 4 small bolts.



STEP 9. INSERT THE RAMP

Secure with the R clip and the bungee to eliminate annoying rattle.





STEP 10. FIT THE TIE DOWN POINTS

Use the M12 bolts and eye nuts with a washer each side of the tow bar tube as shown.

TIP: use a big screwdriver or spanner to hold the eye nut to tighten firmly.



NOTE: If fitting the Shingleback 2B90 vertical bike rack, discard the tow bar tube and fasten directly to the Motorack tow bar mount with the bolts supplied with the 2B90 but use the eye nut in place of one nyloc nut as shown.





Operating Instructions

LOADING

- Don't exceed the 190kg carrying capacity, including weight of the 2B90, bikes and accessories.
- Slide out the ramp, flip and insert the tongue into the slot. The R clip can clip onto the channel to prevent it from being lost.
- Make sure the Lock Chock is laying flat.
- Start about a bike length from the ramp and simply roll up onto the channel until the front wheel bumps into the front wheel cradle. You can idle up slipping the clutch if you like.
- With one hand on the handlebars to stabilize the motorbike, use your other hand to operate the Lock chock. Select a base slot to achieve slight compression of the tyre, ratchet up or down slots to suit. Once locked in the motorbike is stable enough to have both hands free to fit the straps. NOTE: Don't force or over clamp to avoid damage to the Lock Chock.
- Insert the safety pin and R Clip as shown.
- Fit the ratchet straps: Use two straps each side for safety, funny things can happen, like a damaged footpeg breaking, so always use the 4 straps provided. Clip the snap hooks onto the foot pegs and position so the bigger end is down. Feed a ratchet strap through the snap hook and the eye nut, tighten the outside strap just a little first then tighten the inside strap being careful not to lean the motorbike's handlebar into the vehicle's rear window. Continue to tighten each side evenly to compress the rear suspension slightly. Your motorbike should feel secure. Now add the extra strap to each side, but instead of the footpeg secure through part of the frame for safety.



Scan the QR code for further information and to view the installation video.



Our 10 Year Guarantee. We love our work!

We're so confident in the workmanship of our Shingleback Racks that we're prepared to offer customers a 10 Year Guarantee.

The workmanship guarantee covers:

- Build quality
- Welding

If you experience an issue with your rack, please contact us directly and we will work with you to find a solution.

Excluded from guarantee:

- Damage from misuse of the product, or use against the advice of Shingleback Off Road
- Damage from accidents
- Bungee cord loops and buttons (these will last a long time but they have a limited lifespan)
- Powdercoating (while it is an industrial scratch resistant powdercoat we can't guarantee against it being worn through)
- Anti rattle clamp (Over extended periods of usage this part should be replaced as the U-bolt wears over time – purchase of this part is available on our website)
- Rust
- Stickers

For more information visit shinglebackoffroad.com.au/warranty

CAUTION!

- The total weight of the rack and load must not exceed 60% of the vehicle's tow hitch tow ball download rating.
- Regardless of your vehicle's tow hitch download rating, the maximum carrying capacity of the rack, including motorcycle, bike rack, bicycles, jerry can or other item is 190kg.
- Dirt roads can reduce download ratings and extra care must be taken.
- Always secure the motorcycle with at least 4 ratchet straps and make sure the lock pin is secured before travelling.



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