



## Assembly Instructions

Thank you for purchasing a bike with The Bike Shed.

Please follow these instructions carefully to ensure maximum enjoyment!

### 1. Unpack your bike

When receiving your new bike, it'll be packaged in a large cardboard box.

**Be careful when opening this with sharp objects, if the blade pierces the box too deep, it may damage the bike.**

Remove the bike from its box and rest it on the ground to remove the packing material (the masking tape securing it is easily torn or snapped, but the cable ties may need a pair of scissors). There are often accessories that come with your new bike, so be sure to remove everything from the box.

Once you have the packaging off and all of the parts and accessories to hand, you can start the assembly process. This is split into 4 main parts:

- Installing the front wheel
- Attaching the handlebars
- Fitting the pedals
- Setting up the seat post and saddle

### 2. Front wheel

When installing the front wheel, make sure the forks (the two arms the front wheel sits between) are the right way round; the forks have a slight angle to them, orient them so they extend furthest away from the main body of the bike and therefore hold the front wheel further in front of the bike. The tyre will also often be directional, so check the sidewall of the tyre for an arrow indicating its direction of rotation.

Once everything is the right way around, check your brakes are ready to fit your wheel:

- For disk brakes, make sure there isn't a spacer between your brake pads (it's typically a bright coloured plastic but may be black),

- For rim caliper brakes, turn the cable quick-release as shown



- For V brakes, unhook the metal "noodle" from its slot in one of the levers as shown



Once you've adjusted the brakes, line up the wheel axle with the openings at the bottom of the forks, and slide the wheel in, then you can tighten the wheel axle to secure the wheel:

- For thru axles, insert the axle through both the fork and wheel openings and then tighten.
- For quick-release axles, thread the nutted end most of the way, then clamp the lever down to secure the axle.
- For nutted axles, evenly screw down both nuts and firmly tighten.

If you adjusted your brakes to fit the wheel, make sure you readjust them back to their original position.

### 3. Handlebars

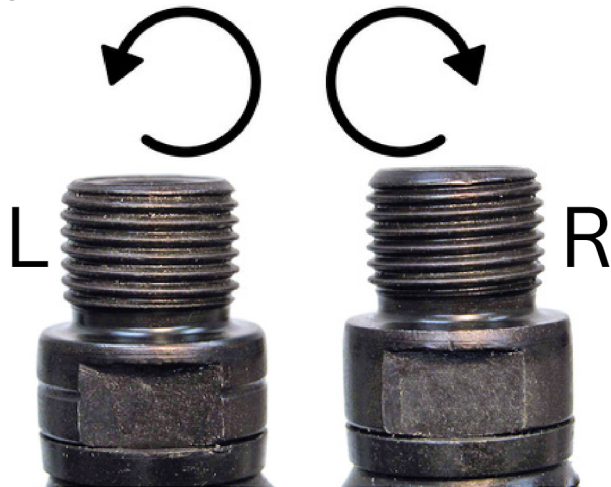
If your handlebars were delivered attached to the stem but not the bike, simply undo the bolt on top of the steerer tube, remove the cap and bolt, slide the stem onto the steerer tube, and secure the bolt and top cap back onto the steerer tube. Once you've straightened the handlebars, tighten the bolts on the back of the stem to approximately 5Nm (check manufacturer manual for their own recommendations).

If your handlebars weren't attached to the stem, remove the bolts holding the front of the stem in place, insert the handlebars, and secure the stem face plate back in place. Once you're happy with the angle and centring of your handlebars, gradually tighten the faceplate bolts up in a figure 8 pattern one turn at a time to approximately 5Nm (check manufacturer manual for their own recommendations).

## 4. Pedals

**Not following these instructions may result in the pedal pulling out from the crank while riding. This will require a replacement crank which is NOT covered under warranty**

Identify the left and right pedals by looking for the letter L or R stamped on the end of the axle or on the pedal body. It is important to identify the pedals correctly as the Left pedal will only fit into the Left Crank, and the Right will only fit into the Right crank.



The Left hand pedal usually has a line, or knurling, just before it's thread to identify it. The Right pedal screws in clockwise and the Left screws in anti-clockwise.

screw the pedals in by hand first by spinning the axle with your fingers, and then when you can't screw it in any further by hand, use a 15mm spanner or appropriate hex key to tighten it all the way into the crank.

## 5. Seat post and Saddle

If your bike arrives without the seat post attached, remove its packaging and insert it into the bike frame, if there's any resistance, undo the bolt on the seat post collar to loosen the fit. You should be able to feel grease on the seat post if it's metal, or fibre-grip (gritty grease) on Carbon-fibre seat posts. Make sure the seat post is in further than its indicated minimum insertion mark.

To determine the appropriate saddle height, align one of your cranks with the angle of the seat post so there's one continuous line from saddle to pedal and place your heel in the centre of that pedal. Fully straighten that leg and adjust the saddle height until you can sit comfortably like this while maintaining a straight leg, this will be an appropriate saddle height when pedalling with the ball of the foot.

If there is any discomfort, lower your saddle until comfortable.

Your seat post collar should be tightened to manufacturer's specification, usually between 4Nm and 7 Nm.

## 6. Tyres

Inflate your tyres to the indicated pressure on the side of the tyre (start in-between the Max and Min pressures and adjust it to suit you from there).

## 7. Final Check

Make sure there are no suspicious rattles or loose components and double check the brakes work as they should before first riding the bike. If you have any concerns, please get in touch with your local Bike Shed branch and we'll help you sort it out.

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## 8. Key

1. Stem  
2. Steerer Tube  
5. Forks

3. Seat Post  
4. Seat Post Collar

