

Nimbus Unicycles

What should be in your box

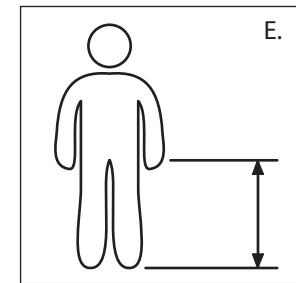
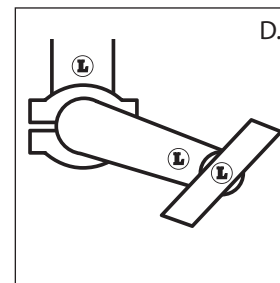
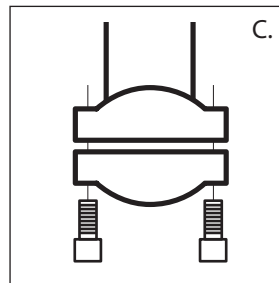
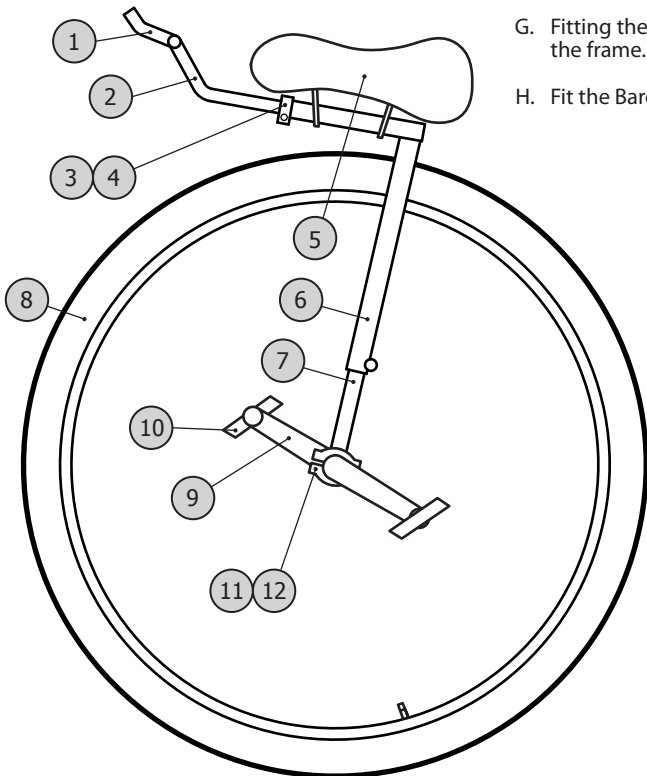
- Bar-ends (1)
- Handle (2)
- Bar Clamp (3) with Shim (4)
- Frame (5) with Saddle (6)
- Frame Legs - x2 (7)
- Wheel (8) with Cranks (9)
- Pedals (10)
- Bearing Clamps (11)
- Allen Key Bolts (12)
- Allen Key & Wrench

You will need a bicycle pump (Car Valve)

Your unicycle will require some assembly and should take only 15 minutes to complete. First, determine that you have all the components listed and if not contact your supplier immediately.

How To build your Unicycle

- Take the frame (5) with saddle (6) already attached. Insert the frame legs (7) into the bottom of the frame making sure they are level both sides, tighten allen key clamps to secure the legs. These will be adjusted later to set the seat height.
- Fit the wheel (8) into the frame assembly; be sure you have the right hand crank (9) on the right hand side of the unicycle when it is facing forward.
- Install the bearing clamps (11) using the allen bolts and washers (12). Tighten using the 5mm allen key provided. Do not over tighten; they only need to be tight enough to hold the wheel in place without it rattling. The wheel should spin easily; if it does not, loosen the bolts until it does.
- Fit the pedals (10) onto their correct cranks (9) by matching the letter on the cranks with those on the pedals. Tighten firmly using your 15mm bike type pedal wrench (the left hand crank has a reverse thread).
- Use the valve on the tube to check that the tire is pumped up to the appropriate pressure. Tire pressure depends on personal preference. In general, tire pressures for freestyle or road riding should be very firm, while tire pressures for Muni and trials are somewhat lower. Experiment with this until you find a tire pressure that you like.
- Now set the seat at the right height for you. When sitting on the unicycle with your heel on the pedal your leg should be straight. Loosen the frame leg allen pinch bolts and move the frame and saddle to increase and decrease the height of the unicycle.
- Fitting the handle this is only needed for experienced riders. Place the handle clamp (3) over the front of the frame. The slot on the clamp should line up with the slot on the frame. Insert the shim (4) inside the frame/clamp. Insert the handle (2) in to the shim/frame and tighten the clamp using the allen key.
- Fit the Bar-ends on to handle ends, tighten with allen key. Adjust the handle length and position to suit your riding style.



Things that can go wrong

Unicycles are pretty durable but they do need maintaining, here are things to look out for:

- Loose pedals; found when riding or by holding the pedal, it will wobble. Tighten immediately! Check that the wheel is fitted in the frame the correct way around. Riding on loose pedals will destroy the cranks.
- Loose cranks; this is normally characterised by a creaking noise. Tighten the axle bolt immediately! If this is left loose it will destroy the crank and hub and to all intent and purpose the unicycle.
- Loose or tight bearing holder bolts; it is most common to find these too tight and the wheel not spinning correctly. Loosen them to free the wheel, after a few minutes of use check that they are still secure and tight enough to ride safely.
- Wheel not centered in the frame; loosen the allen keybolts on one of the legs so that it is free to slide then move the tire in to the middle of the frame. Tighten the allen keybolts.