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Your Penny Farthing will require some assembly and should only take 30 minutes to complete. Firstly, make sure that you have all the components listed and if not contact your supplier immediately.

How to build your Hopley Penny Farthing.

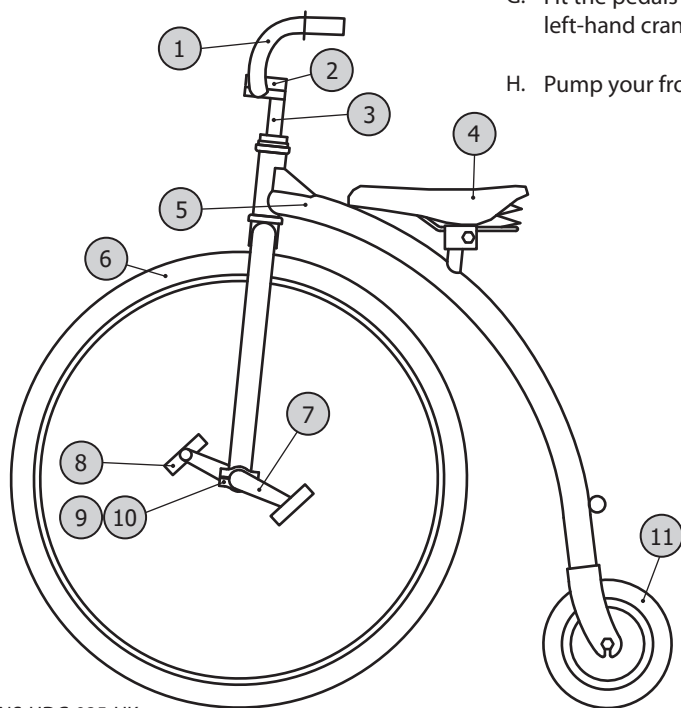
- A. Bolt the handlebars (1) to the stem (3) using the clamp plate, bolts, washers and nuts (2). Make sure that the four bolts are tightened evenly.
- B. Insert the stem into the top of the frame. Tighten the 13mm bolt until the forks move with the handlebars. Make sure stem is pointing forwards and is inserted past the minimum insertion point.
- C. Place the saddle (4) on to the frame (5). The front of the saddle should be touching the frame and the saddle should be approximately level when the penny farthing is complete. Tighten the 13mm bolts evenly until the saddle does not move.
- D. Fit the front wheel (6) into the forks (5). Be sure that the right-hand crank is on the right-hand side of the Penny farthing when it is standing upright.
- E. Fix using the bolts, washers and nuts (10). Be sure that the bolt sits flush and that the tag on the base fits within the slot in the frame. Tighten with a 10mm spanner. 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, slacken the bolts until it does.
- F. Place the rear wheel into the rear forks (5) and tighten up the bolts (14mm Spanner).
- G. Fit the pedals (8) into their correct cranks (7) by matching the letter on the cranks with those on the pedals. Tighten firmly using your 15mm spanner (the left-hand crank has a reverse thread).
- H. Pump your front tyre up. You can expect to have the tyre pressure slightly higher than you would on a normal bike.

What should be in your box

- Handlebars with Grips (1)
- 4x Plate, Bolts, Washers & Nuts* (2)
- Handlebar Stem* (3)
- Saddle with Clamp Fitted (4)
- Frame & Forks (5)
- Front Wheel (6) with Cranks (7)
- Pedals* (8)
- 2x Bearing Clamps* (9)
- 4x Bolts, Washers & Nuts* (10)
- Rear Wheel (11)

* Items within small box

You are going to need a Bicycle pump (Car Valve) and 10, 13, 14 and 15mm Spanners.



Things that can go wrong!

Although the penny farthing is pretty durable they do need maintaining, here are a few things to look out for in addition to loose bolts:

- Loose pedals; normally found when riding or by holding the pedal and wiggle it. Tighten immediately! Check that the wheel is fitted in the frame the correct way around. Riding on loose pedals will destroy the cranks. These are not warranty applicable parts, so make sure to check your cycle regularly to avoid unnecessary problems.
- 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.
- 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 holding the wheel securely.
- Loose Saddle; If the saddle twists or moves loosen the 13mm bolts, reposition and tighten tight.