

## **Bike Assembly Instructions for International Customers**

All bikes from Wiggle are assembled, safety-checked and adjusted by our CyTech accredited mechanics before despatch. Cytech is the bicycle industry's only recognised training and accreditation scheme for cycle mechanics. Once satisfied it is in full working order and safe, the bike's are disassembled and securely packaged into 2 boxes ready for despatch.

Once you have received your bike, please follow the below instructions to assemble it. (Referenced pictures are featured below).

1. Fit seat post and saddle using an allen key and tighten to correct torque. For correct torque settings please see manufacturer's web-site/ manual taking into account the minimum insertion mark on the seat post. (Some frame manufacturers may also have set instructions for insertion of post into their specific frame)( **See Pictures 1 & 2**)
2. If possible secure bike in a work-stand clamping around the seat post( **See Picture 3**)
3. Fit rear derailleur using Allen key and tighten to correct torque. ( **See pictures 4 & 5**)
4. Insert quick release skewer making sure springs are facing the correct way. Fit rear wheel, ensuring correct orientation of chain. Make sure that the axle is fully seated in the drop-out and tighten the quick release. Now fit the front wheel in the same way ensuring the axle is fully seated in the drop-outs and tighten the quick release. Make sure the rear mech hanger is aligned when looking from behind. (**See pictures 6a/ 6b/7/8/9/10 & 11**).
5. Fit handle-bars to stem using an Allen key and tighten to correct torque. (**See pictures 12/13 & 14**).
6. Please make sure that the brake blocks line up with rims. (**See pictures 15**).
7. Make sure the front and rear brake quick releases are closed. This is normally with the lever downwards. (**See pictures 16 & 17**).
8. Fit pedals. Please note pedals will be pre-greased. Pedals will usually say 'L' Left and 'R' Right. This refers to which side of the bike they attach to when seated on it and facing forward. R = drive side/chain ring side. The Right pedal needs to be tightened clock-wise and the Left pedal needs to be tightened anti-clockwise. ( **See pictures 18/19 & 20**)
9. Double-check that all bolts etc are secure before riding the bike for the first time. If you are in any doubt about your own mechanical ability, engage the services of a professional cycle mechanic to assemble your bike.

### **Advice**

You must ensure that your bike is fully checked and assembled before riding, wiggle can accept no responsibility for injury or damage caused due to faulty assembly.

For more information please refer to any literature that accompanied your bike on delivery such as further instructions or an owner's manual. If you are in any doubt about correct assembly please contact **bike@wiggle.co.uk** and we will be happy to help you.

Failure to carry out General Maintenance may result in injury and/or invalidate your warranty.

Wiggle Built Date:

Frame Serial Number:

## General Maintenance

To keep your bike in safe, reliable, working order there are certain steps that need to be taken before every single ride:

- Check function of brakes and pad wear.
- Check tyres for wear, pressure and embedded debris.
- Check wheel quick releases are tight and wheels are secure.
- Spin wheels to check for wobbles indicating wheel needs to be true.
- Check suspension for proper function e.g. correct pressure.
- Check chain and lubricate if necessary.
- Check stem and crank-bolts are to recommended torque.

After use of the bike make sure that it is kept clean and that chain and cables are protected with a good quality lubricant.

The more you use your bike the more it needs to be serviced, we recommend if you use your bike 5 days or more a week commuting, you need to service it at least once a week.

If the bike is used less regularly it is still important to service the bike at least once a month.

Follow these steps and you will get more enjoyment from your bike and it will help prevent any premature failure.

- Give bike a full clean and check frame and forks for signs of damage.
- Clean drive train with degreaser.
- Lubricate chain, cassette and chainrings, check for wear and replace if needed.
- Check all bearing systems: hubs, bottom bracket, pedals and headset.
- Check brake pads and disc rotors for wear, also check bar grips/tape.
- Clean and check wheels carefully for signs of wear.
- Check rims for cracks at spoke nipples and for true and loose spokes.
- Test the tightness of all nuts and bolts.
- Check crank bolts are at recommended torque setting.
- Check bottom bracket and cassette lock rings are tight.
- Lubricate V-brake, derailleur and SPD pedal pivots.
- Check all cable inners and outers for corrosion, fraying and breaks.
- Lubricate cable inner and outers.
- Check SPD pedals and cleats for loose bolts and wear to cleats.
- Maintain and lubricate suspension forks and/or rear shocks.

During use your headset may work loose, this is rare but if it does occur follow these instructions:

Using an allen key, loosen stem clamp then tighten the top bolt, on the headset just enough to remove any play from the headset. Check this by standing astride the bike, applying the front brake and gently rocking back and forth.

If play can be detected, tighten the top bolt a little more and re-check. Repeat this action until no play can be detected, however, do not over-tighten this bolt as the headset must be free enough to allow the front wheel to be steered unrestricted.

Re-check the stem alignment with the front wheel and then tighten the steerer clamp bolts to:

4mm bolts 8N/M maximum torque.

5/6mm bolts 9N/M maximum torque.

For carbon steerer tubes a maximum of 7N/M should be used.

Larger version available at : [http://www.wiggle.co.uk/CustomerServices/bike\\_assembly\\_images.jpg](http://www.wiggle.co.uk/CustomerServices/bike_assembly_images.jpg)

