

# Bicycle Assembly Instructions

## SUPPLIED WITH YOUR BIKE:

- 5mm &/or 6mm allen key
- Multi-spanner
- Pedals
- Owners Guide

## IMPORTANT

Please read these instructions carefully.

Each bike comes with an Owners Guide, this contains a great deal of information and tips, including a comprehensive guide to care and maintenance that we recommend you read carefully.

Raleigh bikes are fully adjusted and checked over at the factory. The handlebars may be removed or assembled in the bike and turned through 90 degrees. the pedals removed and in some cases the front wheel will have been removed too. It is a relatively simple operation to re-assemble these parts, however if you do not feel competent to do this you should ask someone who is, as it is important that these simple tasks are done correctly for the integral safety of the bike.

## UNPACKING

Please remove all packaging very carefully, especially if using a knife or sharp blade. Take care not to scratch any of the parts of the bike or slash the tyres.

We suggest that you keep hold of the carton in case you need to return the bike.

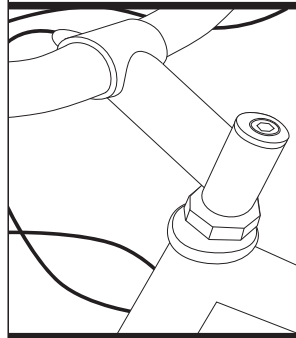
## DETAILED ADJUSTMENTS

**FOR DETAILED ADJUSTMENT AND OTHER INFORMATION PLEASE REFER TO THE OWNERS GUIDE**

## HANDLEBAR

There are two types of handlebar attachment in general use, the stem type (single bolt) and the threadless or A-Head type (two bolts). In addition, some BMX bikes have a different arrangement.

### Stem Type (Single Bolt)

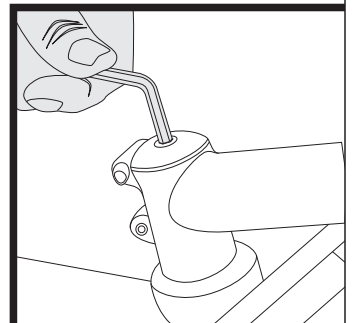


**1** Remove the plastic cap (if present) from the top of the handlebar stem cap and loosen the bolt using the 6mm allen key.

**2** Turn the handlebar and set at 90 degrees to the front wheel. Set at the required height and re-tighten the bolt.

**Important: Do not position the stem outside the limit mark.**

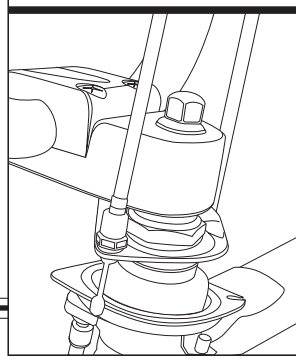
### Threadless Type (3 bolts)



**1** Using an allen key, loosen the 2 sides bolts (A) followed by top bolt (B) and turn the handlebar through 90 degrees.

**2** Re-tighten all bolts fully so there is no movement whatsoever and the handlebars are securely fixed.

### BMX Type



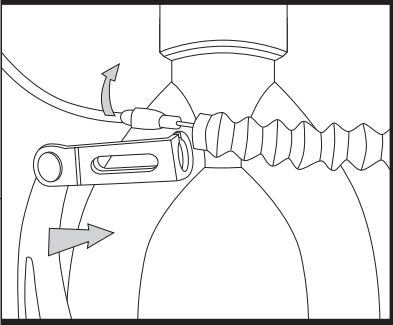
**1** Loosen top nut, turn the handlebar and set at 90 degrees to the front wheel.

**2** Re-tighten the nut fully so there is no movement.

# Bicycle Assembly Instructions

## FRONT WHEEL

### Unhooking the brake pipe



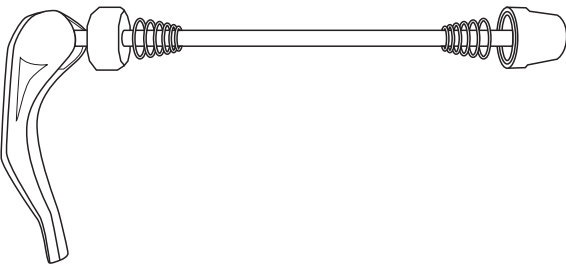
In order to fit the front wheel it will be necessary to unhook the brake pipe ferrule from the brake arm bracket.

There are two ways of securing the front wheel, (A) Nuted Axle and (B) Quick Release arrangement.

### Models with Nuted Axle

Locate the wheel axle in the fork slots and ensure that the wheel is central before fully tightening the wheel nuts.

### Models with Quick release (Q/R)



**1** Take off the nut and one of the springs and feed the skewer (the other spring must be kept under the head of the lever body) through the wheel hub. With the spring in place under the head of the nut, loosely screw the nut on to the skewer.

**2** Insert the wheel into the forks ensuring that the wheel is central. Hold the nut and tighten the assembly by screwing it up with the lever side. Finally, use the palm of your hand to press the Q/R lever as close as possible to the fork. When closed, the Q/R lever must sit alongside the fork blade. This minimises the chances of it getting released accidentally.

**Important: Ensure the nuts and quick release are fully tightened.**

## FRONT WHEEL(cont)

### Re-linking the brake:

- 1** Squeeze the brake arms inward in the direction of the arrows.
- 2** Locate the ferrule on the brake pipe in the cut out of the bracket.
- 3** Apply the right-hand brake lever to check for smooth efficient operation of the brake.

### Models with Disc Brakes

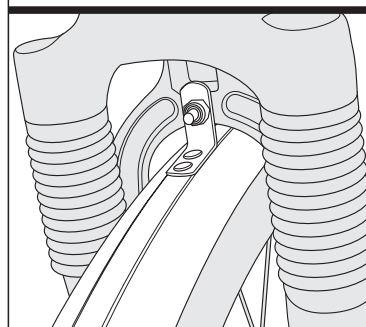
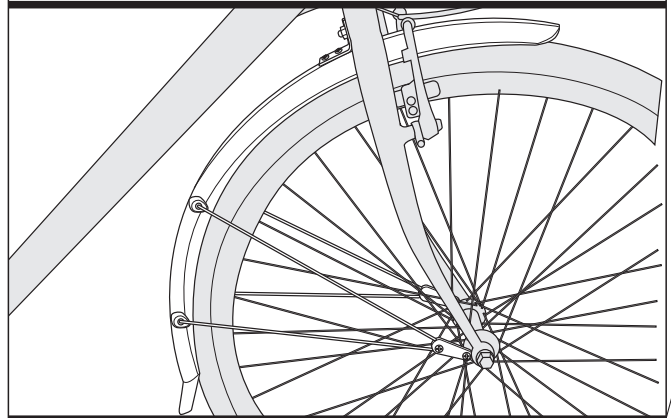
It is better if the bike is upside down when fitting a disc brake wheel. Disc brakes use 2 pads and these are usually kept in place with packing pieces during transit. Remove the packaging from between the disc pads making sure that the pads are not displaced.

Fit the wheel in place with the rotor plate between the 2 pads.

Follow previous instructions for tightening quick release and wheel nuts.

## FRONT MUDGUARD (Where Fitted)

Take out the screws in the fork ends. Using these screws, loosely fit the stays to the fork ends. Fit the mudguard bracket behind the fork. Ensure all screws are tightened.

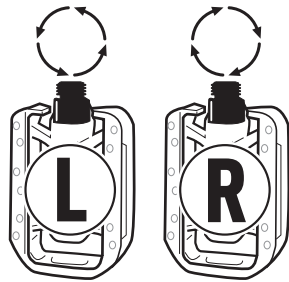


(LEFT) Fitting for forks fitted with shocks.

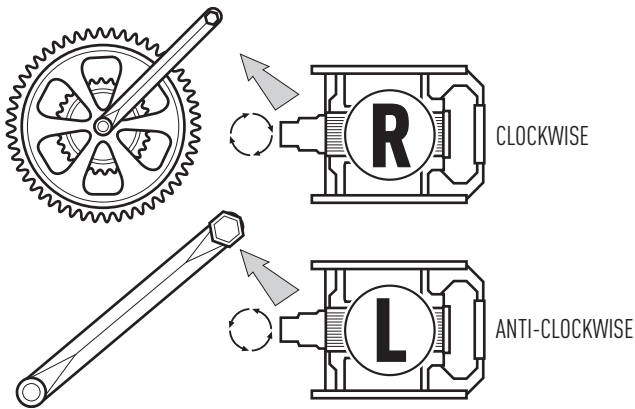
# Bicycle Assembly Instructions

## PEDALS

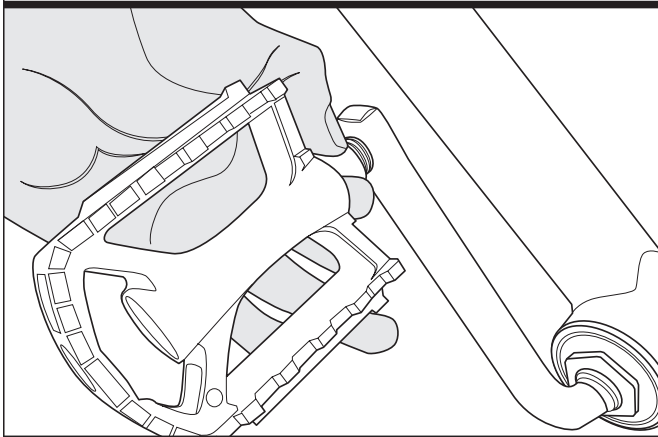
**1** Identify left and right pedals by the letter R & L stamped on the end of the thread.



**2** Identify left and right cranks. Tighten pedal by hand into the correct crank. **Note the correct rotation.**



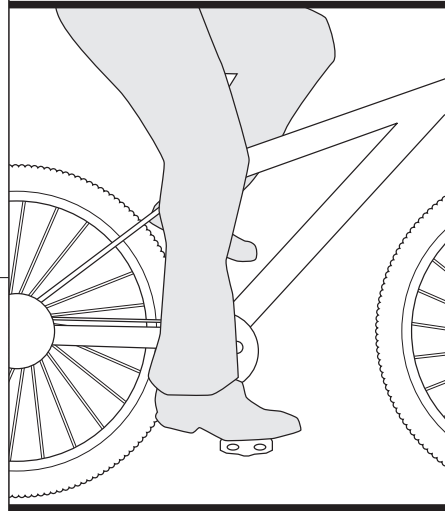
**3** Tighten the pedals by hand, then using a spanner fully tighten in the correct rotation.



### Remember

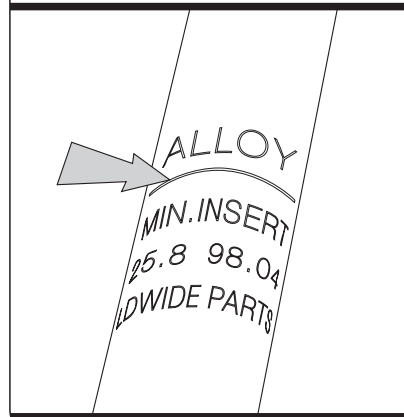
- Correct pedal and crank
- Correct tightening rotation
- Do not cross-thread
- Always keep pedals tight
- Check and retighten regularly

## SADDLE ADJUSTMENT



To adjust the saddle height, loosen the clamp bolt using the 6mm allen key, spanner or the quick release lever and adjust the seat post to the required height. Adjust the height of the saddle so that when cycling along, your leg will be slightly bent with the pedal at its lowest point.

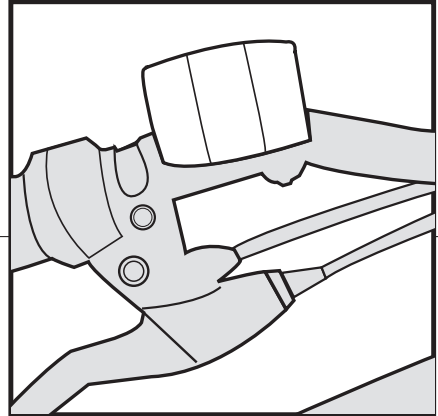
**Important: When altering the height of the saddle, you must not pull the seat post out further than the limit mark.**



# Bicycle Assembly Instructions

## REFLECTORS

For safety reasons it is very important that these are fitted correctly as in the photograph below. Depending on the type supplied, the front reflector may be fitted to the handlebar or fork and the rear fitted to the seat post or rear bridge (see photos below).



## IMPORTANT: BE SAFE!

**Before you ride check the following:**

- 1 Tyres are inflated to the recommended pressure.**
- 2 Brakes are functioning properly.**
- 3 Axle nuts or quick release levers are tightened.**
- 4 Handlebar bolt(s) is tightened.**
- 5 Seat bolt is tightened.**

