

Safety manual Beinn 20/24/26

Thank you for buying an Islabike! Your bike has been thoroughly checked and adjusted prior to delivery but there are a few tasks to perform before the bike is ready to ride:

-  Refit front wheel, fit pedals and adjust saddle
-  Align and secure handlebars (If mudguards fitted)

Tools required to assemble bike

-  4mm allen key
-  5mm allen key (if bike has mudguards)
-  6mm allen key

Please read this manual to ensure you perform these tasks correctly before riding. If you need further help please contact us on...

E-mail: techsupport@islabikes.co.uk

Telephone Technical Support: 01584 856881

This bike has been designed to be ridden by children on smooth paved, grassy or dirt surfaces with moderate gradients. It is not intended for any kind of jumping.



Maximum recommended combined rider and luggage weight limit:

Beinn 20 small: 30Kg Beinn 26 small: 45Kg

Beinn 20 large: 35Kg Beinn 26 large: 56Kg

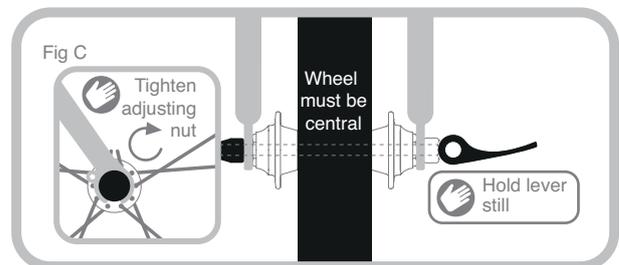
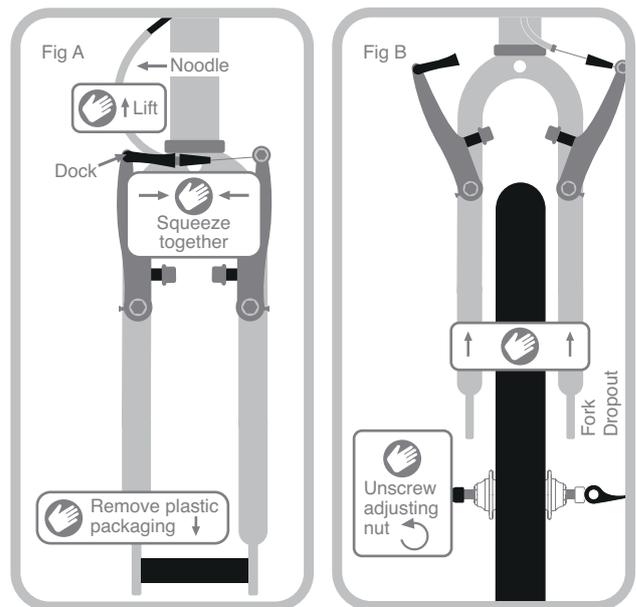
Beinn 24: 40Kg

Refit the front wheel

Failure to correctly secure the front wheel and brakes can cause serious injury or death.

If unsure - call our technical support team on 01584 856881 or seek advice from a trained cycle mechanic.

1. Remove hard plastic protective packaging from the fork dropout and rear wheel (pull off firmly).
2. Unhook front brake where 'noodle' sits in black hinged dock by squeezing brake arms together whilst lifting silver noodle (Fig A).
3. Pull off hard plastic packaging from front wheel to reveal adjusting nut. Unscrew enough to insert wheel into fork dropout with black lever on same side as its rear wheel equivalent (Fig B).
4. Check wheel is central in fork. Hold the lever half way between fully open and fully closed and turn the adjusting nut clockwise until finger tight (Fig C). Close the lever fully with your palm so you feel a firm resistance - enough to keep lever firmly in closed position and front wheel secure in fork (Fig D).
5. Re-connect front brake, hooking noodle back into its dock. Pulling the front brake lever should result in both brake blocks contacting the silver braking surface of the wheel rim. If not, re-check wheel is central in the fork.

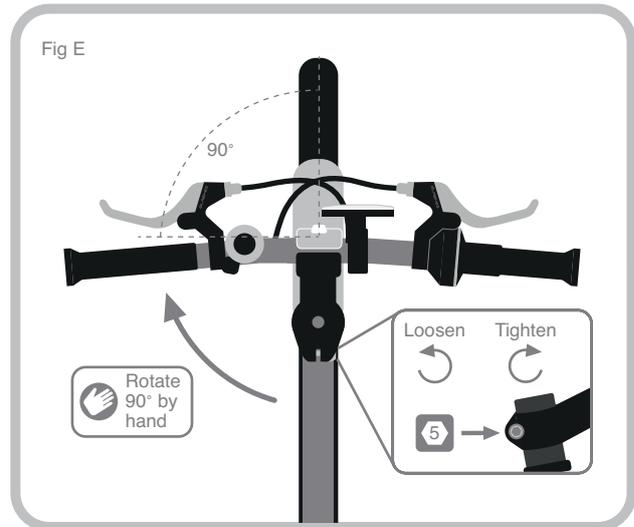


Align and secure handlebars 5

If your Islabike does **not** have mudguards then go to the next section on fitting the pedals.

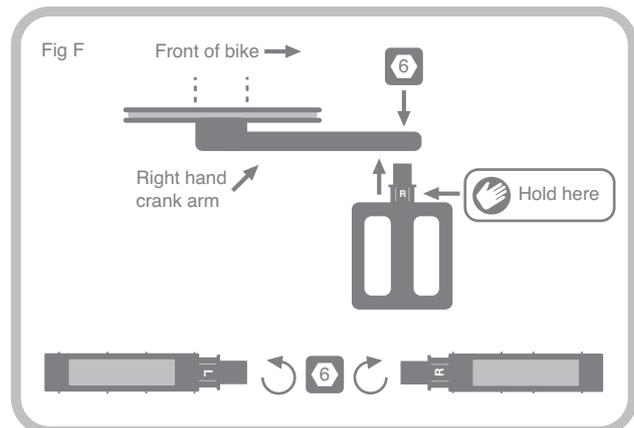
If your Islabike arrives with mudguards fitted, you need a 5mm allen key with leverage to tighten the handlebar stem bolt firmly (8Nm). **If unsure** - call our technical support team on 01584 856881 or seek advice from your local bicycle shop.

1. Loosen the handlebar stem bolt (Fig E inset), move the handlebar assembly through 90 degrees to restore the correct riding position (Fig E). Tighten the handlebar stem bolt firmly (to 8 Nm).



Fitting the pedals - Small box packed with bike 6

1. Hold right hand pedal where you see the engraved R and turn threaded section carefully **CLOCKWISE** into the right hand crank (chain side). Insert allen key into the end of the pedal and **TIGHTLY SECURE** (30Nm).
2. **ATTENTION: LEFT HAND PEDAL HAS A LEFT HAND THREAD.** Hold left hand pedal where you see the engraved L and turn threaded section carefully **ANTI CLOCKWISE** into the left hand crank. Insert allen key into the end of the pedal and **FIRMLY SECURE** (30Nm).

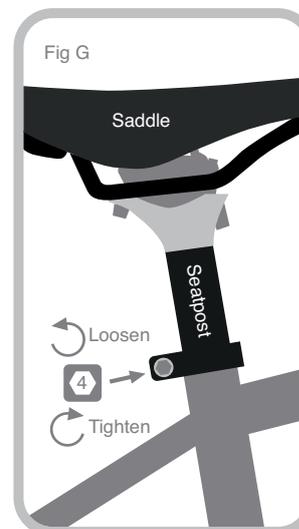


Adjust saddle height

1. Loosen the 4mm allen key bolt (Fig G).
2. Move saddle to desired height (Fig H).
3. Tighten gently (4 Nm) to secure (do not overtighten) (Fig G).

Regularly check the saddle is the correct height for your child as they grow and do **NOT** extend the seatpost higher than the minimum insertion mark etched into the seatpost.

See INFO HUB on our website for further instructions regarding adjusting an Islabike as your child grows....



Maintenance

All moving parts on your cycle will need lubricating from time to time. The following list provides a guide only, the frequency of use and weather conditions being the biggest factor in determining necessary lubrication.

Chain

Oil along its length with a proprietary cycle chain lubricant or light oil. Wipe off surplus with a cloth. Perform at least weekly and after washing/rain.

Rear derailleur

Lightly oil derailleur pivot points fortnightly and after washing/rain.

Brake pivot points

Lightly oil monthly and after washing/rain.

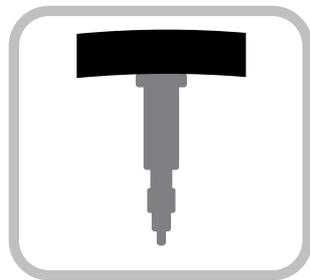
Pedals, wheel bearings, headsets, bottom brackets

All serviceable bearings need re-greasing at 6 monthly intervals. It is recommended that this task is performed by your local bike shop as part of a 6 monthly service.

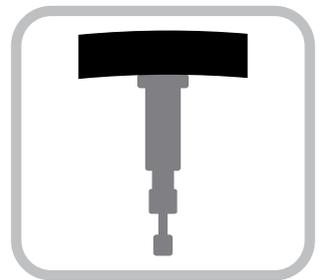
We only recommend using genuine parts for safety critical components such e.g. brake cables, brake blocks and bolts. If unsure please call our technical support or consult your local bike shop.

Tyre pressures

Check your tyre pressures regularly with a pressure gauge (most 'track pumps' have one fitted). You should not exceed the maximum tyre pressure printed on the sidewall of the tyre and it is best if the chosen pressure is not less than 70% of the maximum. For 'presta' valves (pictured), you must first open the valve by unscrewing and tapping the valve end. Inflate to correct pressure and then carefully re-tighten to close the valve.



Valve closed



Valve open (for pumping)

Brakes

Your Islabike has had its brakes adjusted prior to delivery. The brakes have been set up to suit the country of intended use. Traditionally bikes intended for use on UK roads or left hand drive public highways the right brake lever controls the front brake and the left brake lever controls the rear brake. You should perform regular checks on the operation of the brakes (children are not good at reporting deficiencies!). Also check for brake block alignment and wear. The blocks are marked with wear lines, they should be replaced before they wear

to this point. The blocks should hit the rim squarely and not touch the tyre. All of the block braking surface should make contact with the rim and should not overhang the edge of the rim. The wheel rims have a rim-wear indicator strip. This appears as a small black indentation running around the rim in the middle of the braking surface. When this black line starts to fade your wheel needs to be replaced to avoid serious injury. If you are unsatisfied with the operation of the brakes or concerned about rim-wear in any way, consult a trained cycle mechanic.

Gears

Your Islabike has had its gears adjusted prior to delivery. These should be checked periodically (say monthly) for correct operation. Modern derailleur gears need expert adjustment - if you are not a competent cycle mechanic this job is best left to your local cycle shop. In addition, they should be checked if the bike has fallen on to its right hand side. If you suspect this, perform the following check.

The gears should be shifted so that the chain is on the biggest sprocket (gear 1) and the derailleur should be inspected from behind the bike to check it does not foul the spokes. If it does, or is very close, or appears twisted in any way then the rear hanger needs straightening or replacing - take your bike to your local cycle shop.

Recommendations for safe riding

In addition to the regular checks outlined above always check brakes, tyres and steering before allowing a child to ride. Ensure child is wearing sturdy footwear. If you choose for your child to wear a helmet, ensure it is adjusted correctly in accordance with the manufacturer's instructions. Even if your child is a competent cyclist always make sure they have familiarised themselves with a new cycle in a safe environment before letting them tackle anything more ambitious. Make sure your child is aware of the reduced performance of the brakes in wet weather.

Islabikes are designed to be robust in normal use, however they are not indestructible. Tumbles are an inevitable part of growing up and riding a bike and sometimes the bike will be damaged. It is very important that a bike is inspected if an accident occurs (ideally by a qualified cycle mechanic) and any defects repaired before the child is allowed to remount. Things to look out for include, but are not limited to:

- Handlebar end being exposed when grips are damaged. We fit a plug under the grip to reduce

the chances of grips being damaged and potential injury, but sometimes the plug can come out too. **Never let a child ride a bike with an unplugged handlebar end.**

- Sometimes the front brake cable black hinged 'dock' can become bent in an accident (ours are reinforced to prevent this, but they are not indestructible). Test by pulling the front brake on very firmly while the bike is stationary and make sure the cable guide pipe or 'noodle' does not 'pop out' of its dock. Also perform a visual inspection and compare with the rear brake for reference.
- The shiny silver rear gear hanger is a 'sacrificial' part and will bend in the event of an accident to save the frame/rear mech from damage. It 'takes the blow' in effect. Although, not dangerous, if the rider complains about the gears, change into gear 1 (biggest sprocket) and listen for the rear gear mech touching the spokes; if it touches, or 'tinkles' a new gear hanger can be ordered from us at low cost.

Recommended torque settings

All handlebar stem bolts	8Nm	Brake pads	6Nm
Seatpost dual bolt clamp	10Nm	Brake cable pinch bolt	6Nm
Seatpost collar	4Nm	Brake arm fixing bolts	6Nm
Crank bolts	35Nm	Gear shifter grub screw	1.5Nm
Pedals	30Nm	Rear Derailleur	5Nm

A special note for parents

As a parent or guardian you are responsible for the activities and safety of your child. The huge benefit to our health and well-being is well documented in relation to cycling, but cycling is still a potentially hazardous activity. In allowing your child to cycle you assume responsibility for the associated risk. What may be obvious to some may not be obvious to others and our advice is designed to help you assess and manage these risks. In addition to any other hazards you perceive, pay particular attention to the following:

- **Always supervise young children when riding.**

Take into account their ability in handling their bicycle and assessing the riding conditions, traffic etc. Your child may be so excited that he or she rides as fast as possible without thinking about what may be around the corner or how much distance is needed to slow down safely.

- A bicycle is a spiky, hard metal object with moving parts. **Never allow a young child to play with their bicycle unsupervised.** This includes when it is parked against a wall or on the floor. They could pull their bicycle on top of them or trap their fingers, possibly causing injury.
- The brakes on Islabikes are designed to be light action and very effective. If your child is used to pulling their brake levers with all their might and nothing much happening they are likely to do the same the first time they ride

their Islabike and may fall over the handlebars with the possibility of serious injury. **Always ensure your child familiarises themselves with their new brakes** in a safe environment on a soft surface whilst wearing a helmet before they venture further afield.

- **Keep very young children away from other children who are riding.** Toddlers often want to 'join in' by running alongside and may try and grab at the cycle. In doing so they could suffer serious injury by trapping their hands in moving parts.
- If your child falls from the cycle always **check it for damage** before allowing them to remount. If in any doubt, have it checked by a qualified cycle mechanic.
- Your child's Islabike is **not designed for jumping** or extreme forms of cycling like downhill, freeriding, stunt riding, pump tracks etc. If your child does engage in these activities on their Islabike the frame and/or components are likely to fail which could result in a serious injury.

If you intend to ride with your child on the public highways we recommend installing required retro reflectors or lights to the front and rear of the bicycle to conform to the national legal requirements where bicycle is intended to be used.

Guarantee

Your Islabike is guaranteed against faulty manufacture as follows:

Frame and forks 5 years
All other parts 2 years

Please note this guarantee does not cover normal wear and tear.

Warning: As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches or change of colouring in highly stressed areas indicate that the life of the component has been reached and should be replaced.

Our bikes are not guaranteed for racing in sanctioned competitive events. The use of a bicycle in hazardous conditions such as on changeable and uneven surfaces can put very high unpredictable loads on the bicycle and its components. Lack of rider skill and experience of these conditions can further increase these loads leading to the possibility of serious damage to the bicycle and injury to the rider. If you choose to participate in these events then please carry out more frequent and thorough maintenance and checks, including regularly inspecting the frame and fork for signs of damage including cracks, and discontinue use immediately if anything untoward is spotted.

Frame number

My Islabike frame number is

Please make a note of your unique frame number. This combination of letters and numbers is stamped into the bottom bracket and required by police and insurance companies in case of loss.

