

smarTrike[®]



20601A



www.smarTrike.com

www.youtube.com/user/smarTrikeOfficial

XTEND[™]Mg+

Ages 3-6yrs

Designed to fit riders with measurements

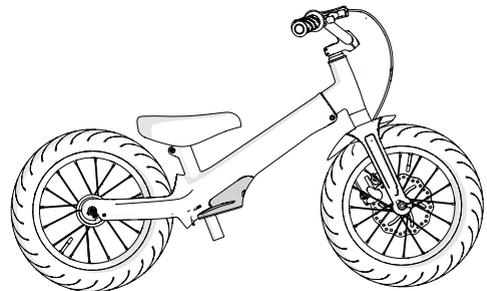
Inseam: 40-59cm/15.6-23inch

Height: 95-125cm/37-49inch.

Max load 50kg/110lbs

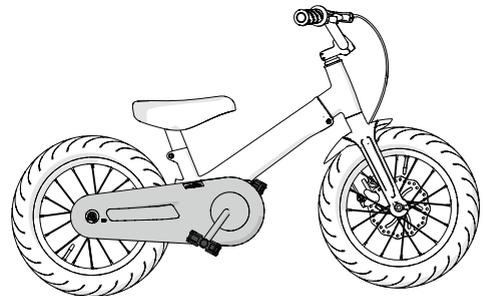
Teach them to ride

Balance



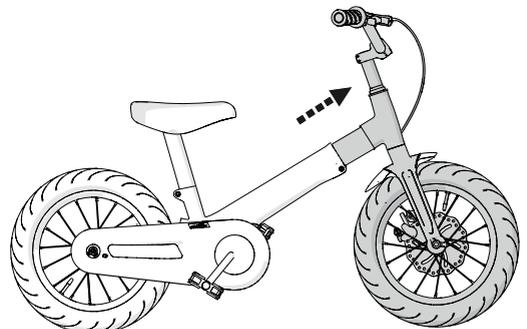
watch them go...

Pedal



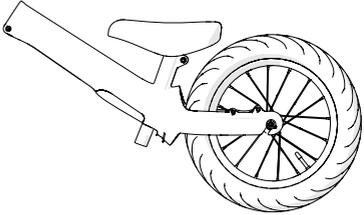
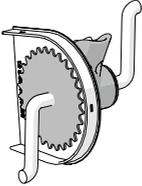
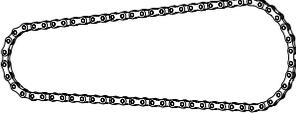
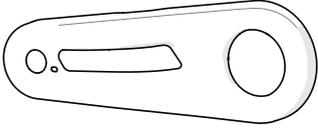
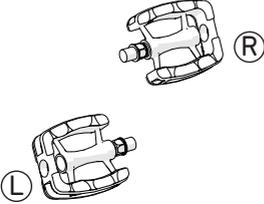
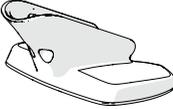
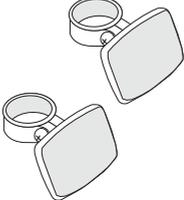
See them fly!

Bike

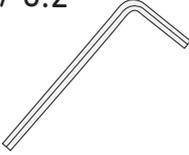
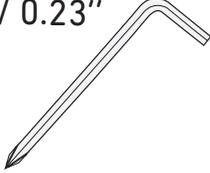
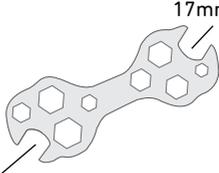


1

Assembly parts

Australia BEB1501		USA/Canada BEB1502		BEB1001
				
BEB1512201	BEB1002	BEB1013201		BEB1004102
				
BEB1011201		BEB1008104	BEB1024201	BEB1509101 / BEB1020201
				
BEB1508101				
				

2

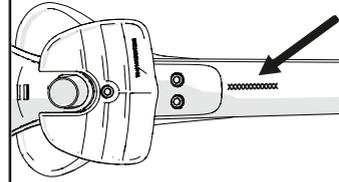
BEB1025201	BEB1026201	BEB1027201
5mm / 0.2" 	6mm / 0.23" 	17mm / 0.7" 15mm / 0.6" 

Owner's Bicycle Identification Record

NOTE: This information is available only on the bicycle.

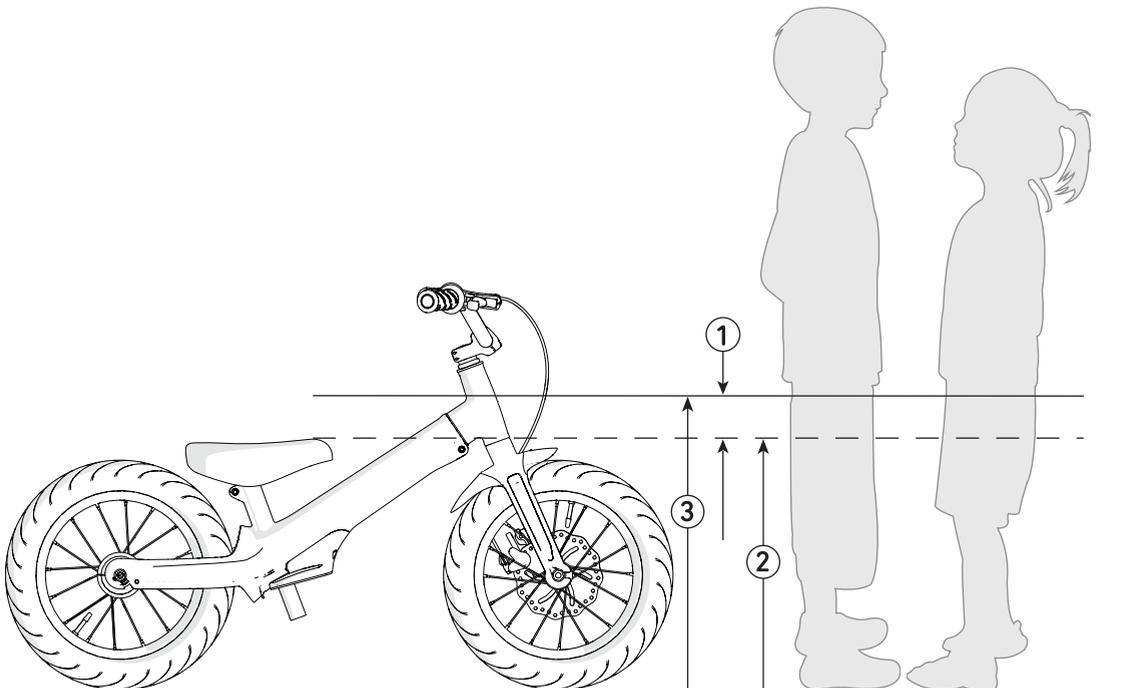
As shown in the image, our bicycle has the production date code stamped into its body (model / STB / month / year)

Under the body tube



3 Steps to Adjust the Bike to the Rider

1. Assemble the bike. Make sure the tyres are well inflated.
2. Riders must have at least 1 inch/2.5cm ① between their crotch and the seat when standing with feet shoulder-width apart and flat on the ground ②.
3. Make necessary adjustments to the bike so the rider's leg-length is at least 2.5cm/1" higher than the bike's seat ③.



Warning and Safety Information

Meanings of Warnings:



This symbol is highly crucial. Carefully see the word “CAUTION” or “WARNING” which follows it. The word “CAUTION” is provided before mechanical instructions. In case you do not obey these instructions carefully, mechanical damage or failure of a part of the bicycle can take place. The word “WARNING” is given before personal safety instructions. If you do not obey these sensitive instructions, injury to the person riding or to others can take place.

- As small parts exist, a CHOKING HAZARD exists. Not recommended for small children. under 3 years.
- Adults need to assemble the bicycle.
- The replacement of the handlebar hand grip or tube end plugs must be done if it is damaged. This is necessary as bare tubes could cause injury. All the products with capped handlebar ends need to be regularly checked to ensure that there is ample protection for the ends of the handlebars.
- The replacement forks should have the same rake and tube inner diameter just like the original product.
- No motor should be added to the product.
- The product should not be towed or pushed.
- No modification should be made to the product.
- Any worn or broken parts must be replaced immediately.
- Discontinue use if any part does not function properly.

The Owner's Responsibility



WARNING: Only one rider must ride this bicycle at a time for general transportation and recreational purpose. It has not been designed to withstand the abuse of jumping or stunting.

The bicycle was unassembled while purchasing, it is the responsibility of the owner to follow all the assembly and adjustment instructions carefully just as they are written in this manual. Take care of any “Special Instructions” that have been supplied and ensure that all the components and fasteners are properly tightened.

NOTE: Frequently check that all the components and fasteners are properly tightened.

In case the bicycle was purchased in an assembled state, it is the owner's responsibility, before riding it for the first time, to ensure it has been assembled and adjusted exactly as written in this manual, and any “Special Instructions” provided and to ensure all components and fasteners are properly tightened.

NOTE:

If the product is assembled, please proceed to these sections:

- Testing Stem and Handlebar Tightness.
- Testing the seat- Post Clamp Tightness.

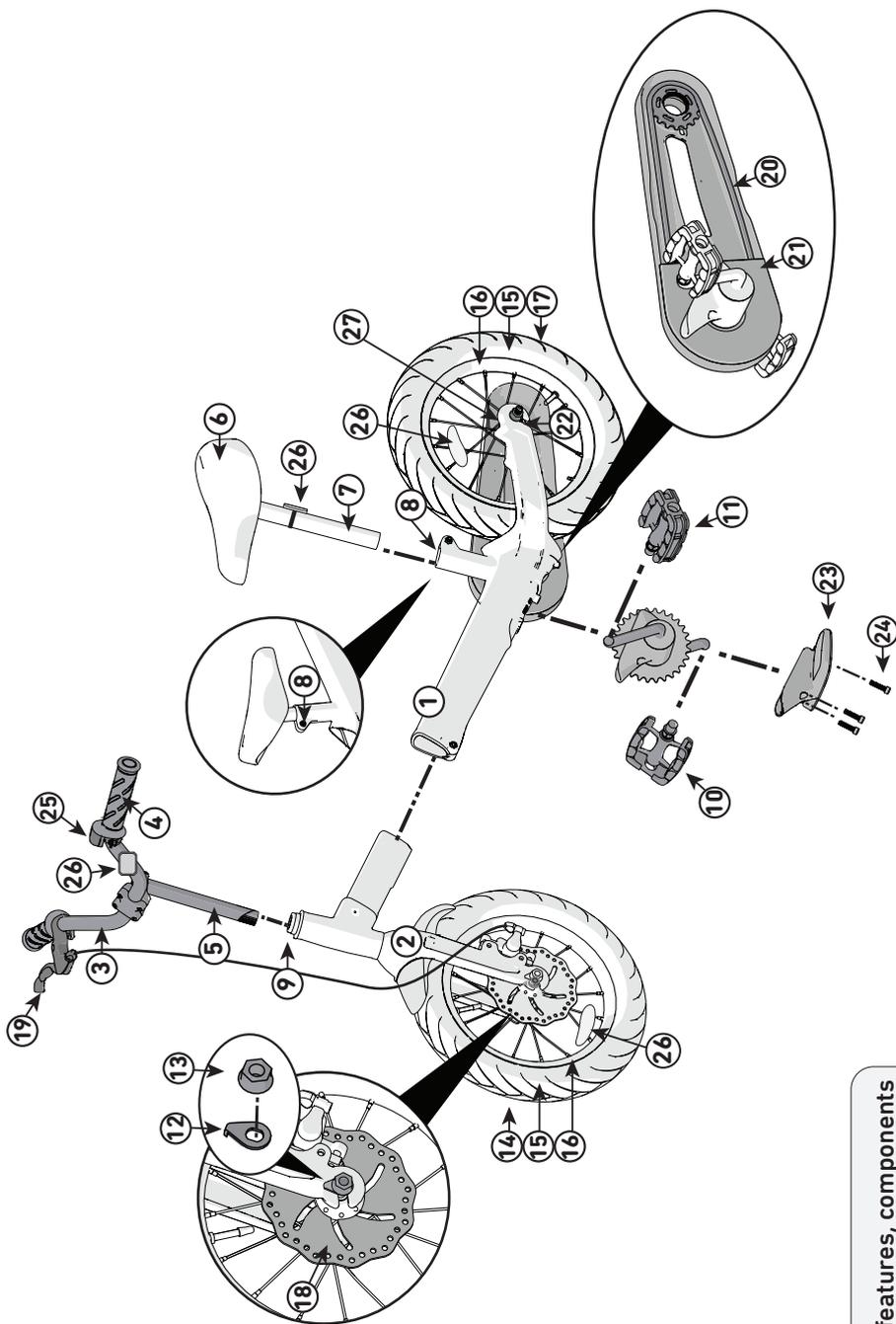
Rules of the Road



WARNING: If the rider fails to obey the following “Rules of the Road”, he can suffer from injury or others could be hurt.

- Obey all traffic rules, regulations, signs, and signals.
- You must wear a bicycle helmet that meets the local standard and the local safety standards.
- Make sure to wear shoes while riding.
- Ride on the correct side of the road, in a straight line and in a single file.
- Bikes not intended for use on the public roads.
Avoid riding the bike at night, dusk, dawn and any other time when the visibility is poor.
- Reflectors: Do not ride the bicycle in case the reflectors are not installed correctly, damaged, or missing, for your own safety. Ensure the front and rear reflectors are vertical. Make sure that the visibility of the reflectors is not blocked by clothing or other articles. Clean the reflectors as necessary with soap and a damp cloth because dirty reflectors do not work well.
- Use extra caution in wet weather:
- Ride the bike slowly on damp surfaces as the tyres could slide easily.
- Allow increased braking distance while riding in wet weather.
- Avoid these hazards to prevent loss of control or damage to your wheels:
- Be careful of drain grates, soft road edges, sand or gravel, potholes or ruts, wet leaves, or uneven paving.
- Make sure to cross railroad tracks at a proper angle to prevent losing control of the bike.
- Unsafe actions must not be conducted while riding.
- Passengers must not be carried while riding the bicycle.
- Do not carry any items or attach other things to your bicycle that could obstruct your vision, hearing or control.
- Do not ride with both your hands off the handlebar of the bike.
- Do not fit a luggage carrier and (or) a child seat to the bicycle.

Assembly parts



⚠ NOTE: All features, components and accessories are not included on all models.

Parts Assembly List

No.	Description	No.	Description
1	Frame	14	Front Wheel Assembly
2	Fork	15	Tyre (x2)
3	Handlebar	16	Tube (x2)
4	Grips (x2)	17	Rear Wheel Assembly
5	Handlebar Stem	18	Front brake disc
6	Seat	19	Hand Brake
7	Seat Post	20	Chain
8	Clamp	21	Chain Cover
9	Head Set Bearings	22	Back Wheel Nut (x2)
10	Right Pedal	23	Balance Bike System
11	Left Pedal	24	Balance Bike System Bolts (x3)
12	Wheel Retainer (x2)	25	Bell
13	Front Wheel Nut (x2)	26	Reflectors
		27	Coaster Brake

Assembly

- Follow all the instructions completely and carefully.
- Please read the entire manual through before starting assembly or maintenance.
- In case you are not confident with assembling this unit, please refer to a local bike shop.

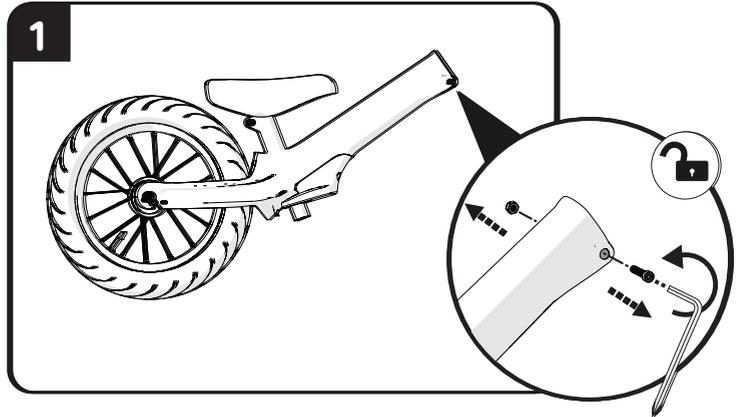
WARNING: Keep small components away from children during the assembly process.

NOTE: All of the directions (right, left, front, rear, etc.) provided in this manual are as seen by the rider riding the bicycle.

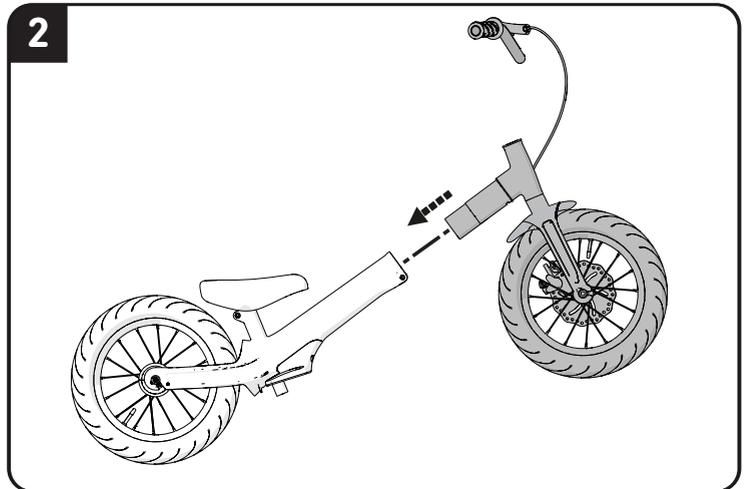
Do not dispose of the carton or other packaging parts until the assembly of the bicycle is complete. It can prevent accidentally discarding components of the bicycle.

Installing the Front Part

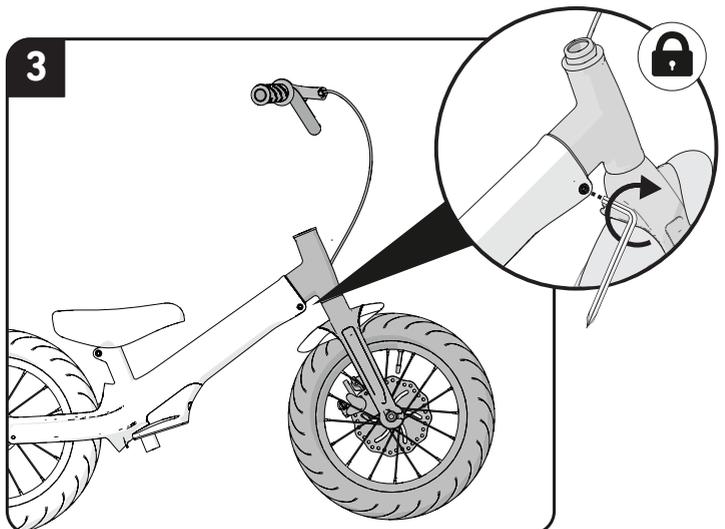
1. Release the screw and nut.



2. Insert the front complex into the body.

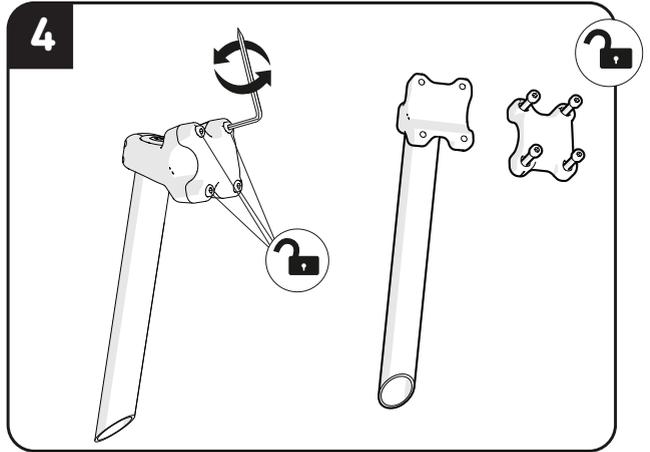


3. Tighten the screw and the nut.

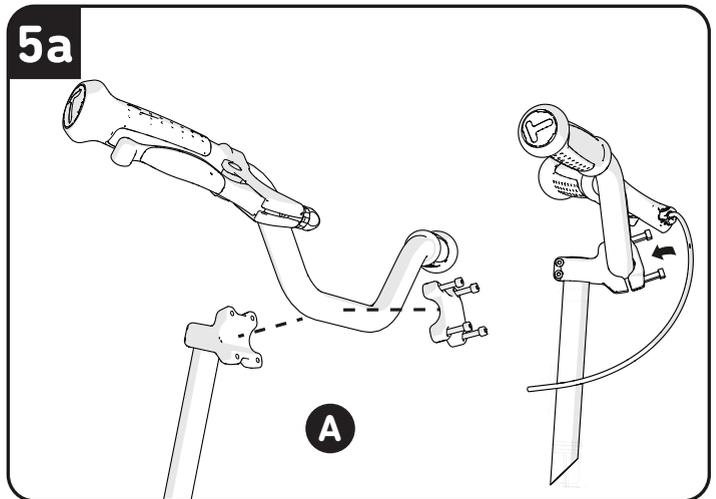


Handlebar and Stem Installation

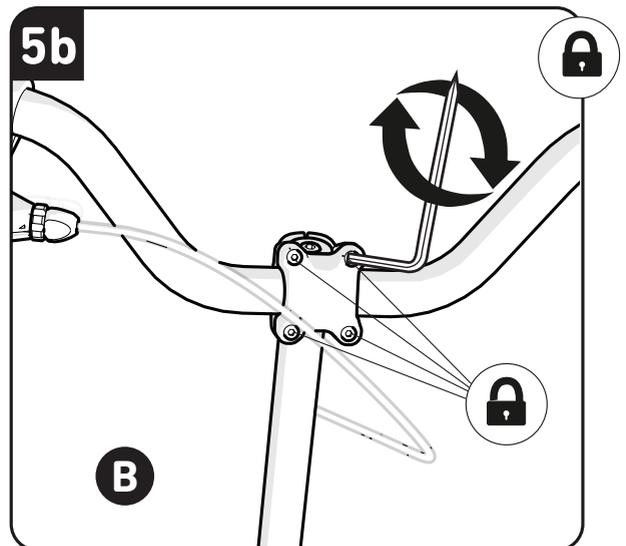
4. Unfasten the 4 stem screws.



5a. Place the handlebar on the head tube.



5b. Reattach the stem and fasten the screws.



Handlebar and Stem Installation

WARNING: In order to prevent any steering system damage and possible loss of control, the "MIN-IN" (minimum insertion) mark (A), on the stem must be below the top of the locknut (B).

NOTE:

- Separate the plastic cap (C) from the end of the stem (D).

STEPS:

1. Insert the stem (D) into the fork (fig A).
2. Point the stem towards the front section of the bike.
3. Streamline the stem with the front tyre and tighten the stem bolt securely.
4. Tighten the stem bolt (E) just enough to hold it in place.

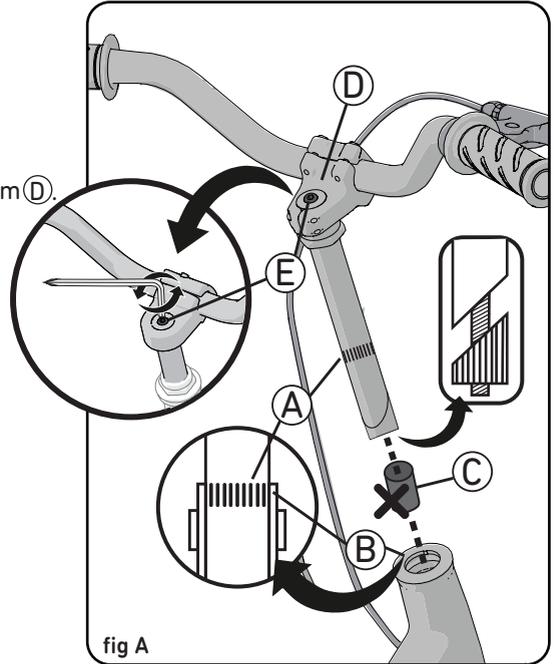


fig A

Adjusting the handlebar

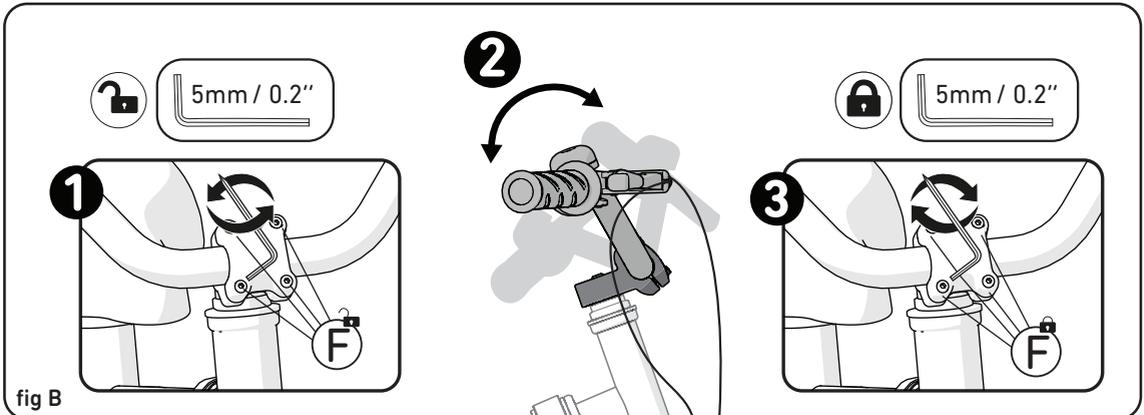


fig B

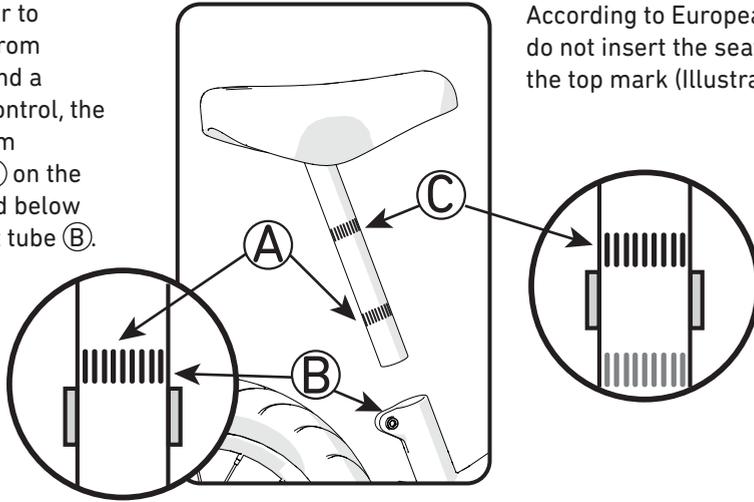
- If necessary, make the the handlebar clamp nut/screw (F) loose and rotate the handlebar into a comfortable riding position (fig A, B).

NOTE: Do not over tighten. See torque table for recommended torque.

WARNING: If the handlebar clamp in not tight enough, the handlebar can slip in the stem. This can cause damage to the handlebar or stem, and can cause loss of control.

Seat Installation

WARNING: In order to prevent the seat from becoming loose and a possible loss of control, the "MIN-IN" (minimum insertion) mark (A) on the seat post is placed below the top of the seat tube (B).



According to European standards, do not insert the seat further than the top mark (Illustration mark C).

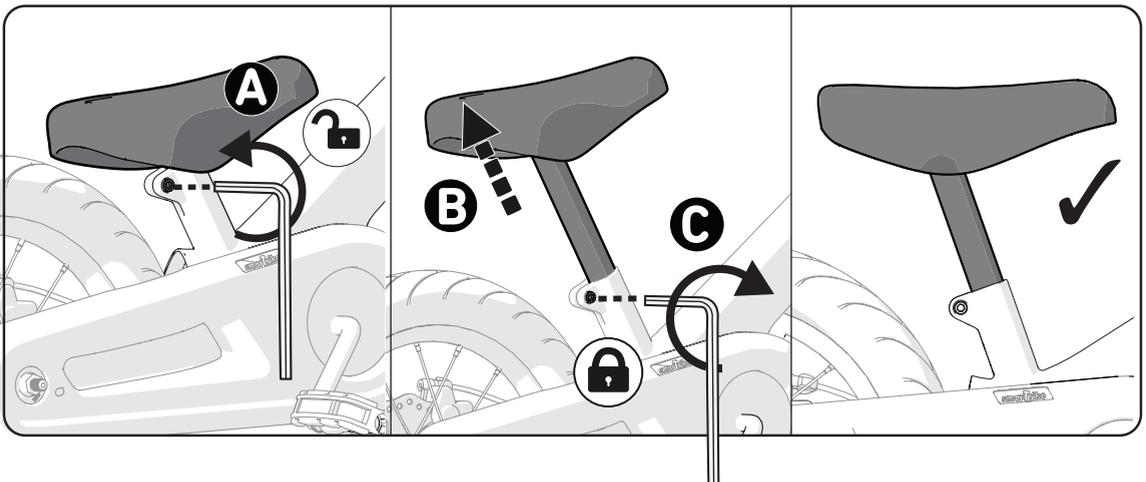
Seat Bolt Mount

- Use a 5mm/0.2" Allen key for adjusting the height of the seat as per the drawing on page number 3.
- Pull the seat out as per the required height.
- Use the 5mm/0.2" Allen key for locking the mechanism back.

After assembling the seat, press down on the seat to make sure it is well reinforced.



5mm / 0.2"



Testing Stem and Handlebar Tightness

To test the tightness of the stem:

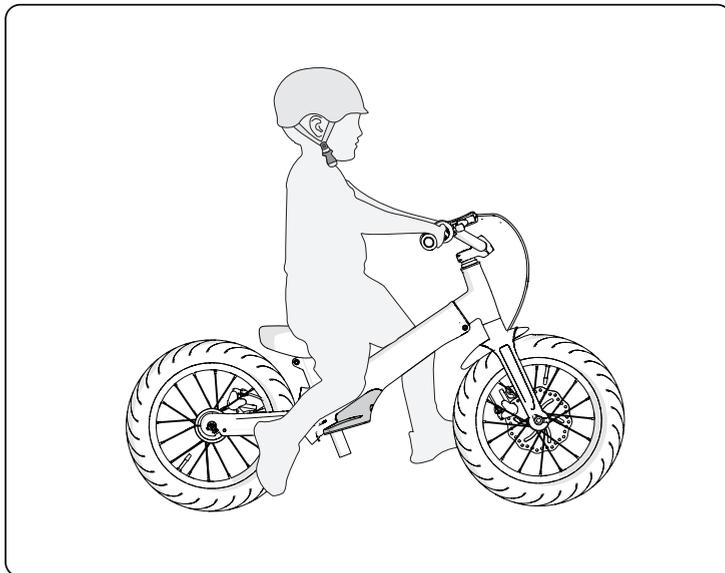
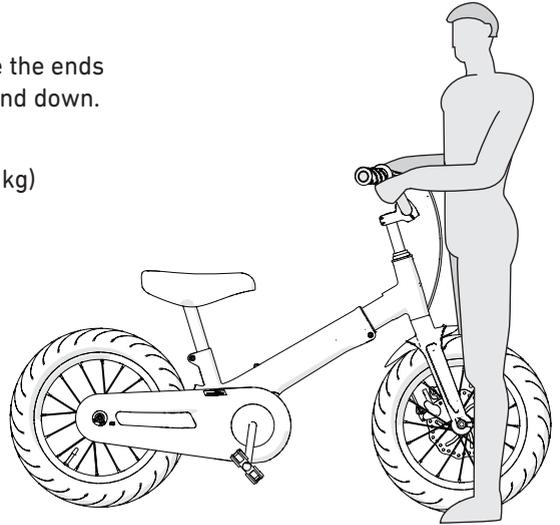
- Straddle the front wheel of the bike between your legs.
- Turn the handlebar in order to try and turn the front wheel.
- If the stem and handlebar turn without turning the front wheel, readjust the stem with the wheel and secure the stem bolt(s) tighter than before (about 1/2 revolution only at a time).
- Carry out this test again, until the stem and handlebar do not turn without turning the front wheel.

To test the tightness of the handlebar clamp:

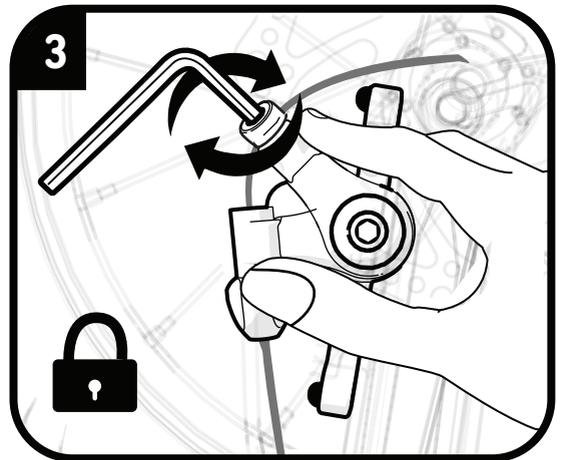
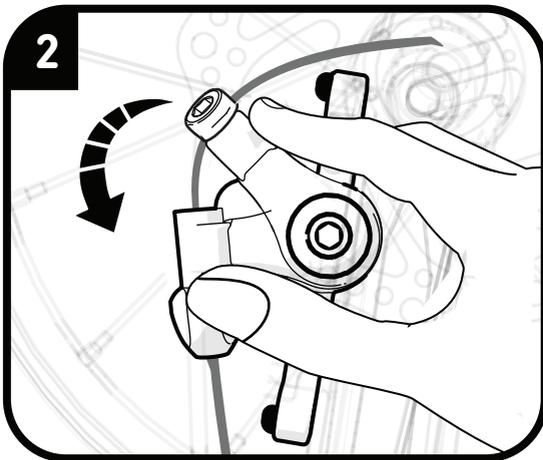
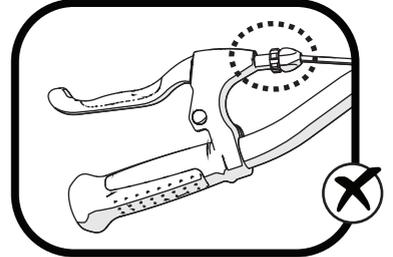
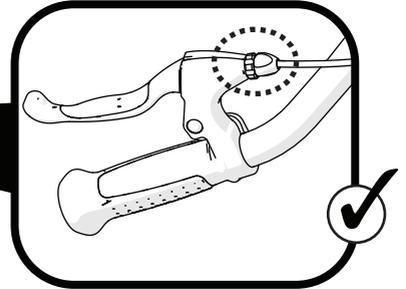
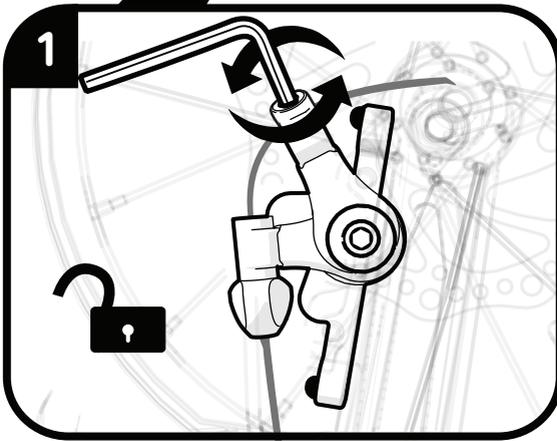
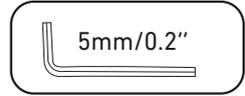
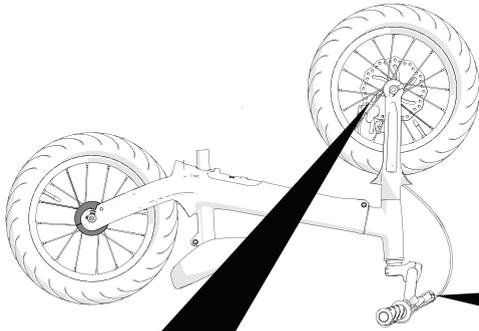
- Hold the bicycle in a stable way and try to move the ends of the handlebar forward and backward or up and down.

WARNING: Make sure not to exceed 100 lbs (45 kg) force.

- If the handlebar moves, loose the bolt(s) of the handlebar clamp loosen.
- Place the handlebar in the proper position and tighten the bolt(s) of the handlebar clamp tighter than before.
- Carry out this test again, until the handlebar does not move in the handlebar clamp.



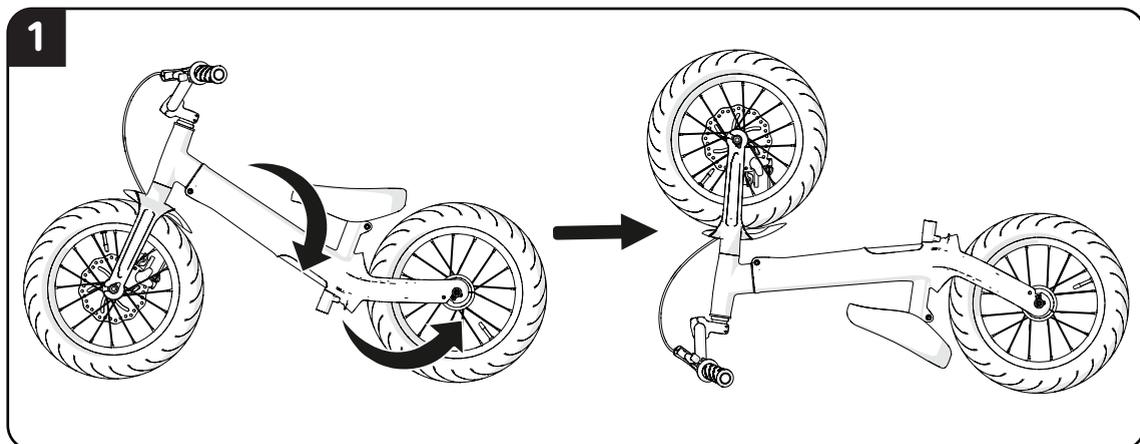
To adjust the front brake – please follow these illustrations:



Assembly

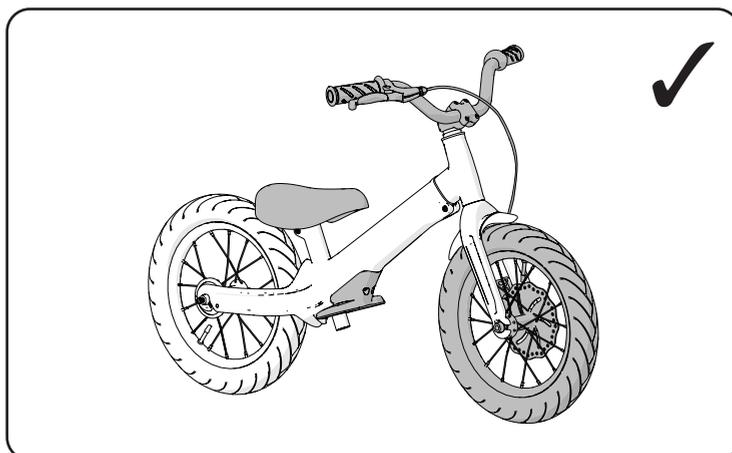
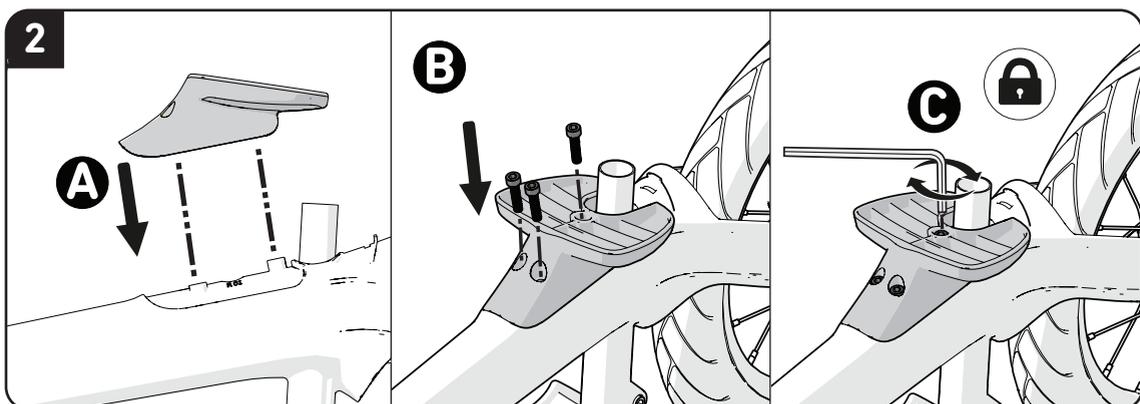
Step 1:

Turn the bicycle in an upside down manner so the rear wheel is upwards.



Step 2:

Attach the footrest to the bottom of the frame using 5mm / 5" Allen key and 3 bolts.



Testing The Seat - Post Clamp Tightness

To test the tightness of the seat-post clamp:

Try turning the seat side-to-side.

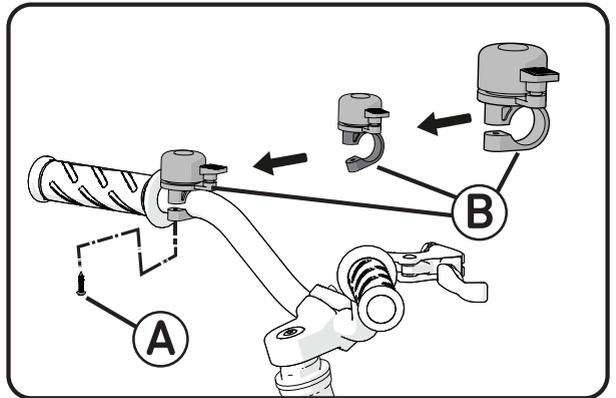
- If the **Seat Post moves in the seat tube:**

Tighten the Allen screw which is on the seat-post clamp.

- Repeat this test again, until the seat post does not move in the seat tube.

Bell Feature

- In case the mounting screw (A) is factory installed remove it and set it aside.
- Open the clamp (B) just enough so that the handlebar can be fit on. Position the bell / accessory so that it can be in proper level and position as shown.
- Tighten the screw securely. Be careful not to over tighten it as this could damage the clamp.



6mm / 0.23"

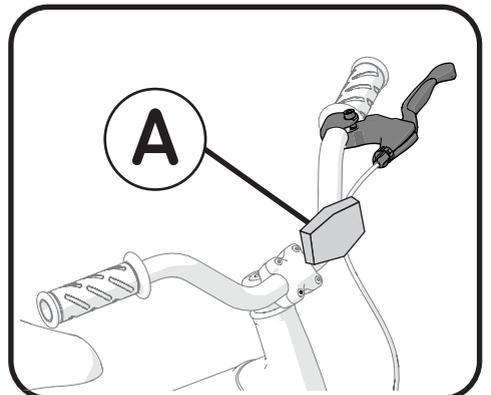
Reflector Installation

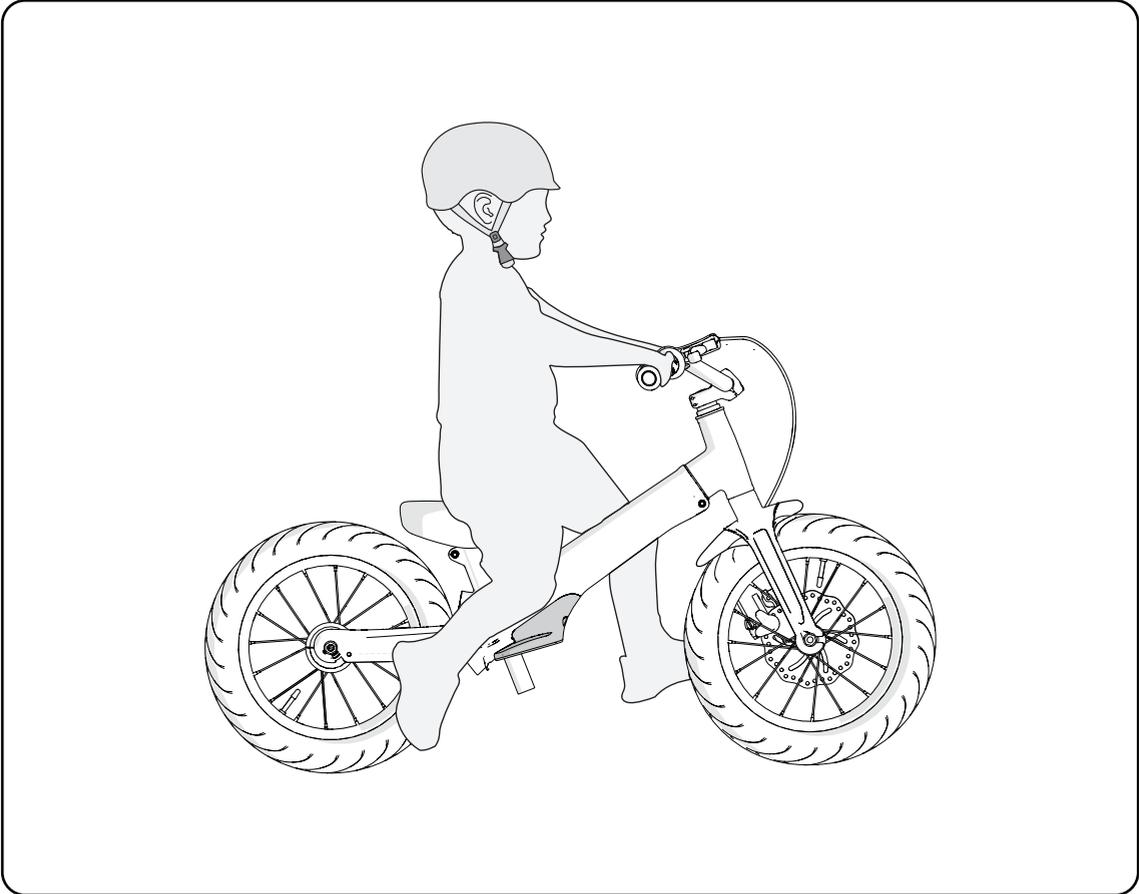
Reflector Installation:

1. Position the FRONT white reflector (A) so that it points in a straight forward manner.
2. Tighten the clamp screw carefully.

NOTE: Do not over-tighten as this would damage the clamp.

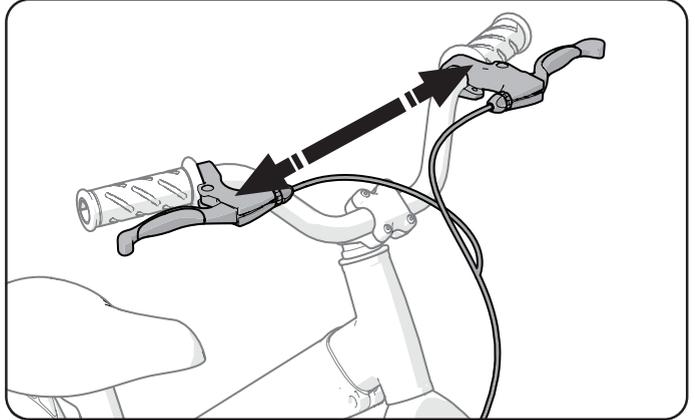
6mm / 0.23"





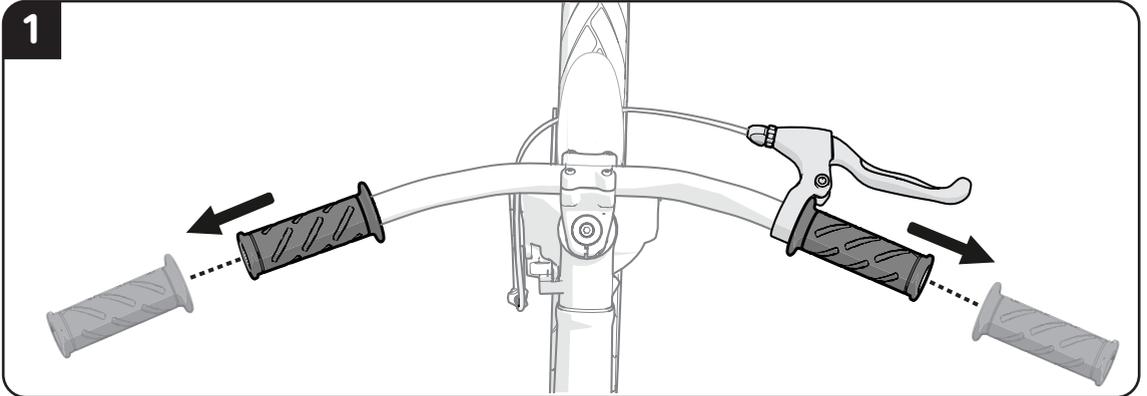
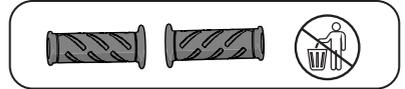
Change brake lever side

To switch the brake from the right to the left side, according to the US standard, follow the instructions below:



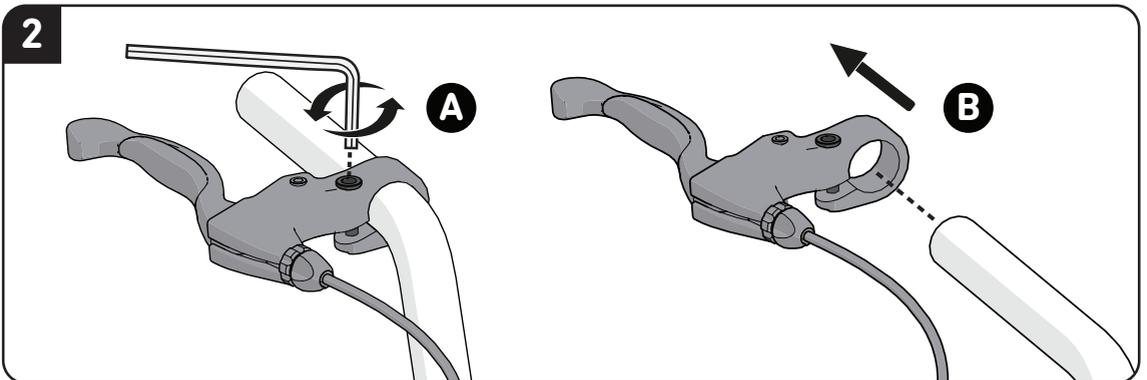
Step 1:

Remove the handle grips from both sides, and keep it aside.



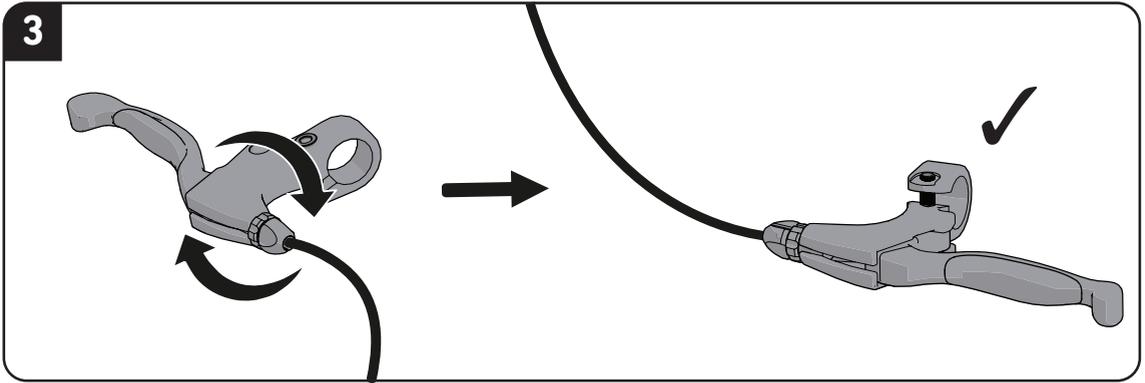
Step 2:

A. Use the 5 mm / 0.2" Allen key to loosen the screw slightly.
B. Remove the brake lever from the handlebar handle.



Step 3:

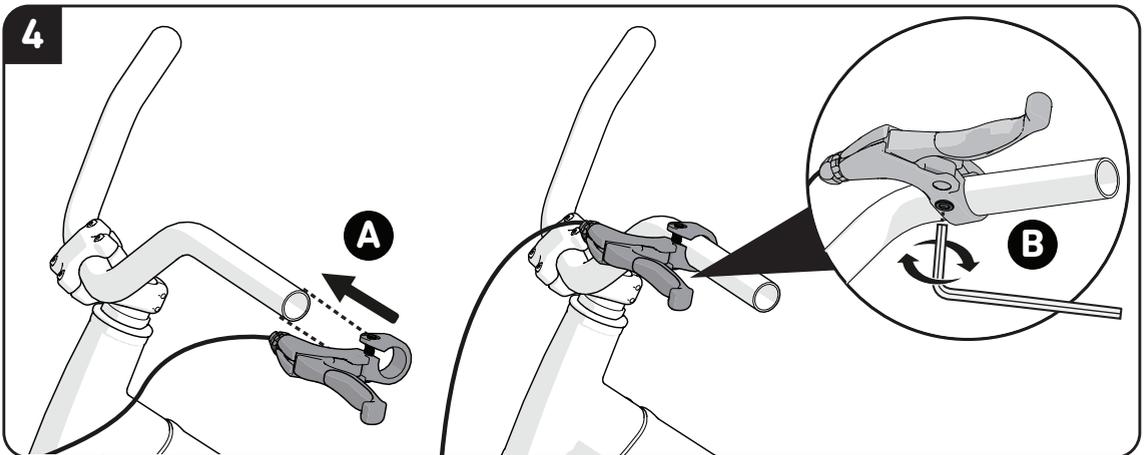
Turn the brake lever over.



Step 4:

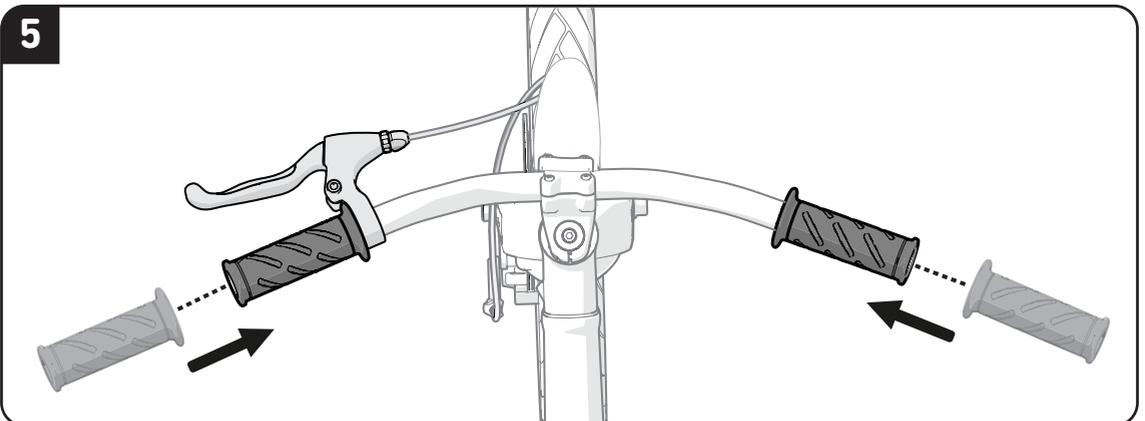
A. Insert the brake lever on the left handlebar.

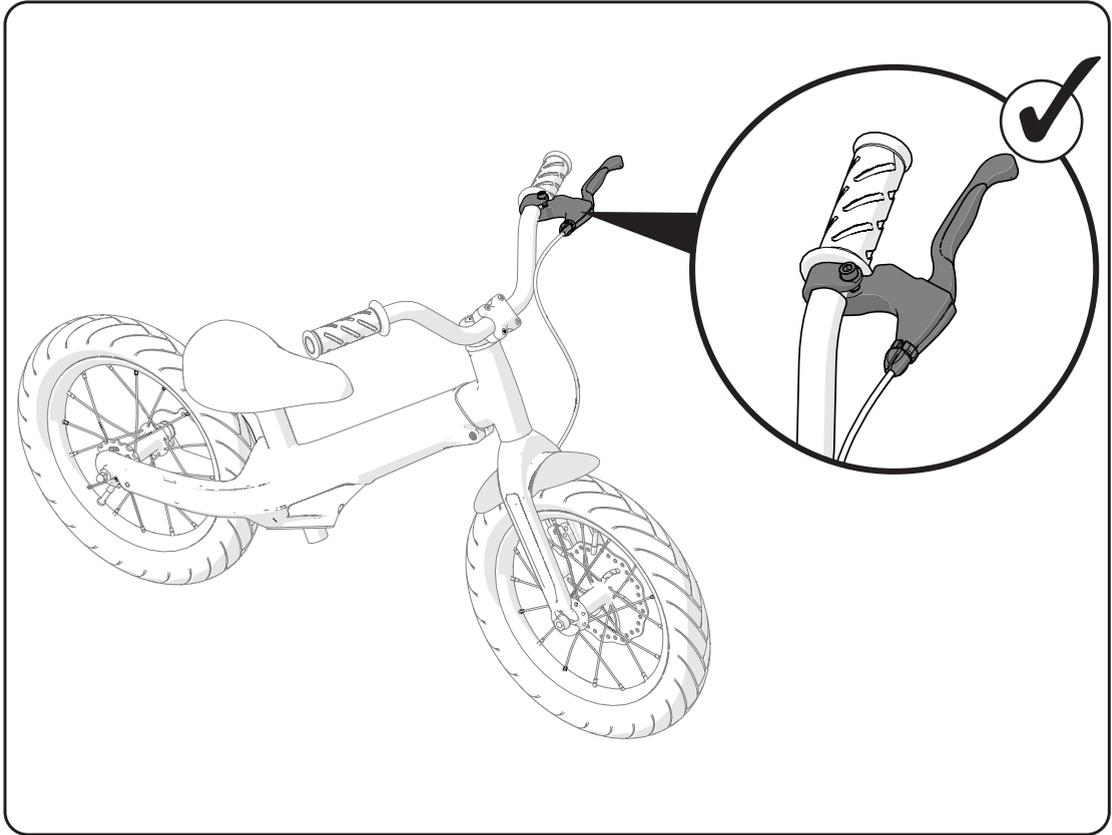
B. Lock and tighten the screw with the 5 mm / 0.2" Allen key.



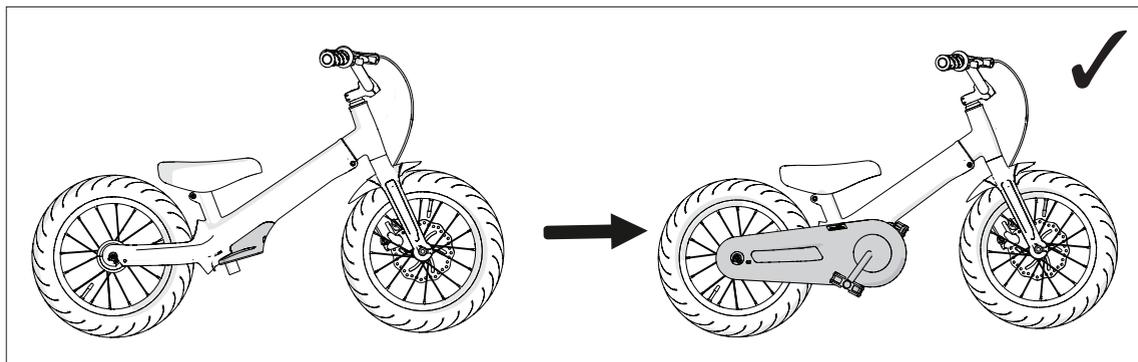
Step 5:

Reattach the handlebar grips.

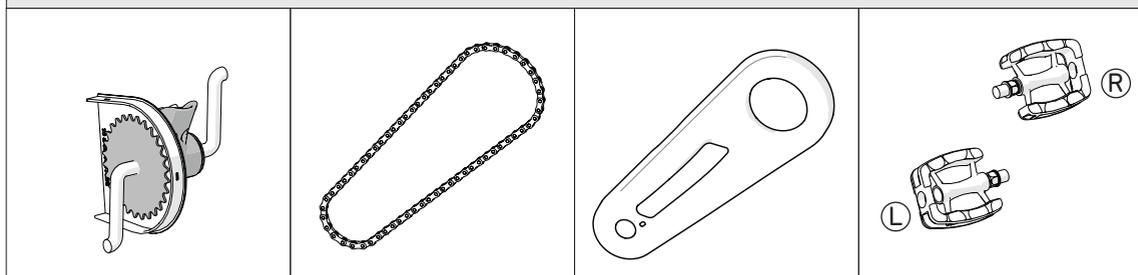




Balance bike mode to pedal mode

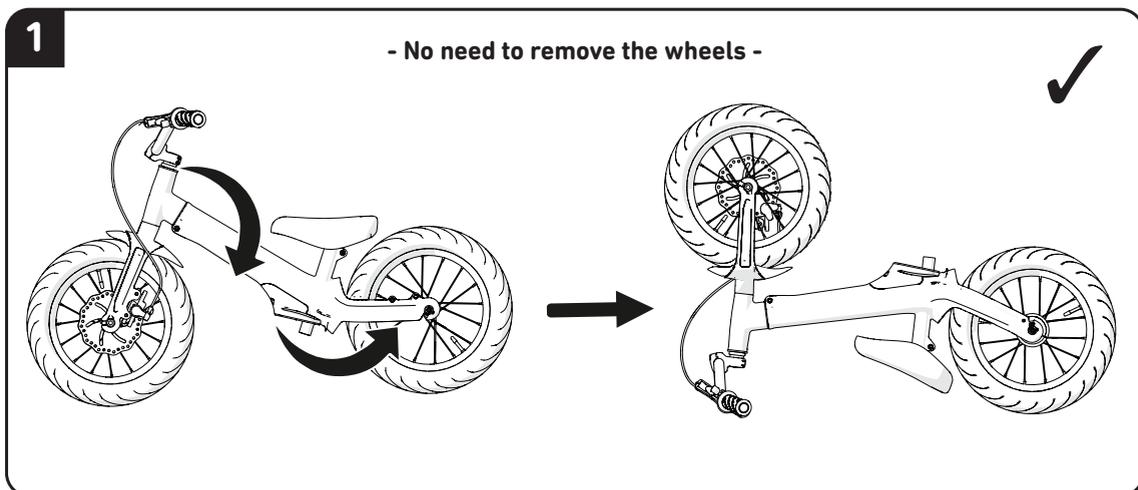


Assembly parts



Step 1:

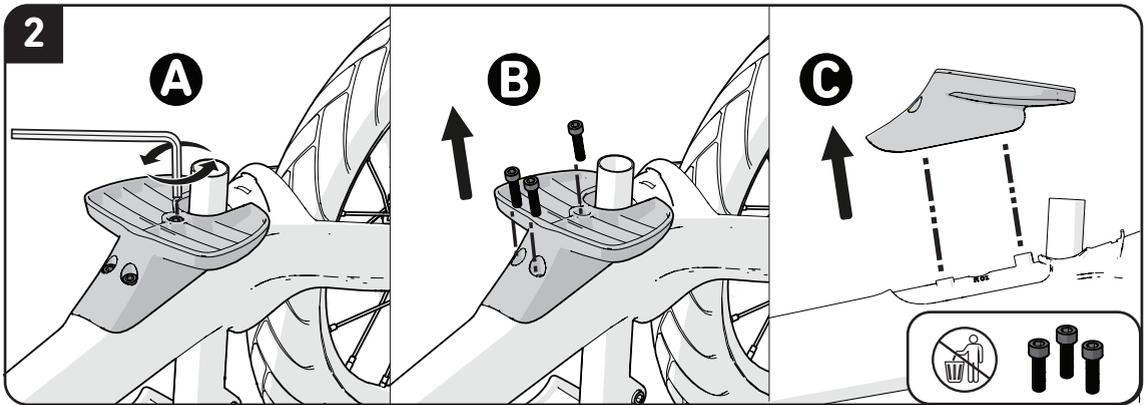
Turn the bicycle in an upside down manner so the front wheel is upwards.



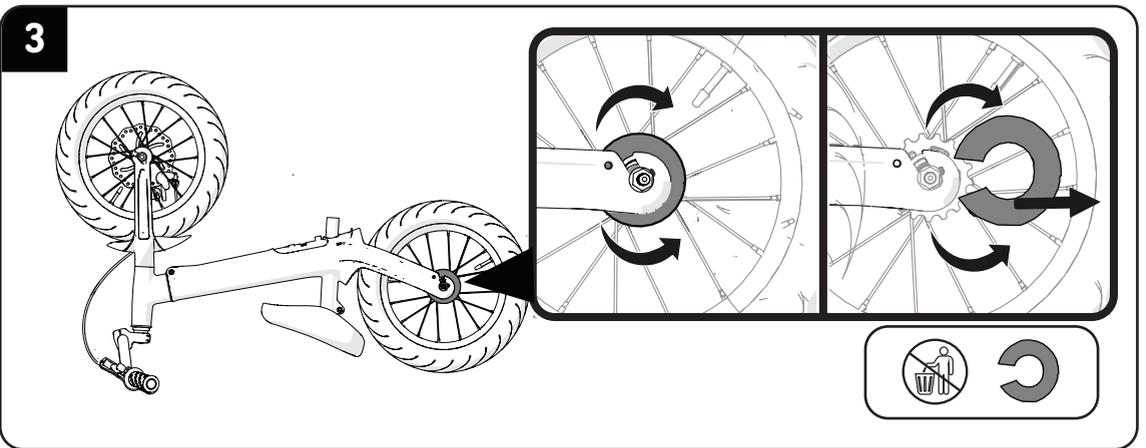
Step 2:

- A. To loosen the 3 bolts use a 5mm/0.2 inch Allen key.
- B. Remove the footrest and keep for future use.
- C. Separate the bolts and keep them aside for next stages.

5mm / 0.2"

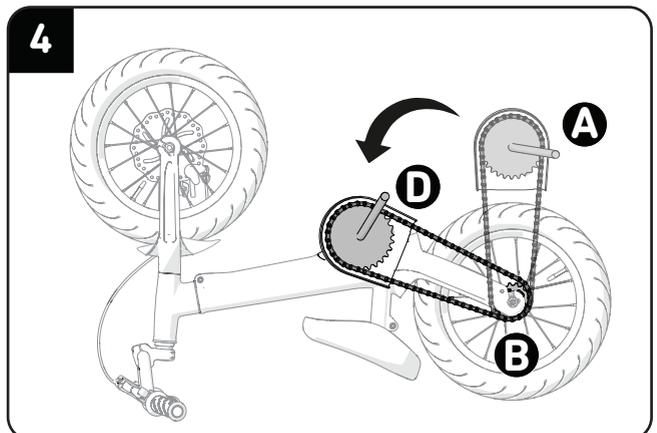


Step 3: Remove the plastic cover of the gear.



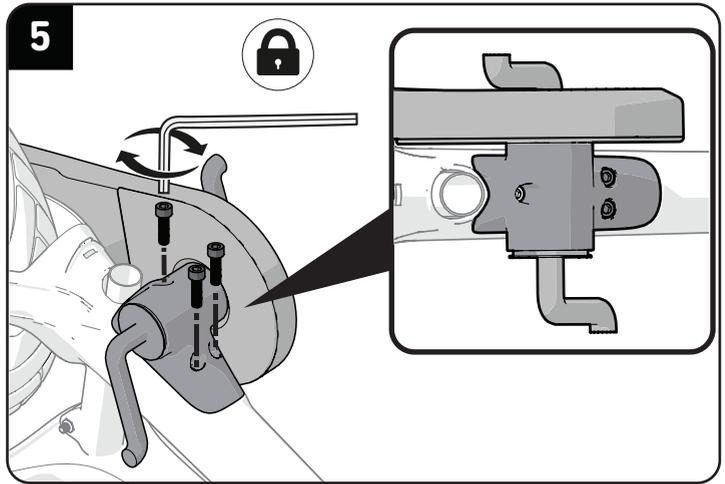
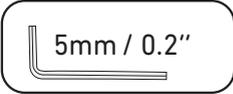
Step 4:

- A. Assemble the chain on the big gear.
- B. Assemble the chain on the small gear.
- C. Ensure that the chain is assembled on both gears properly.
- D. Place the pedal system in its proper position.



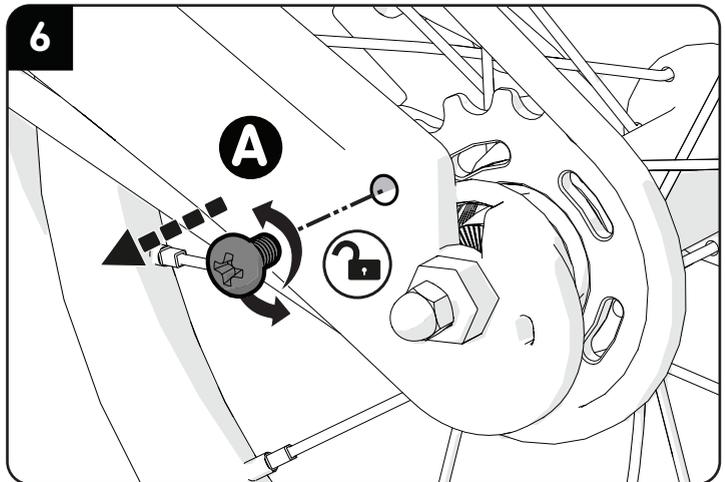
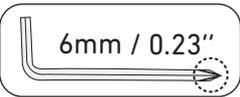
Step 5:

Tighten the screws so the pedal system can be locked to the body.

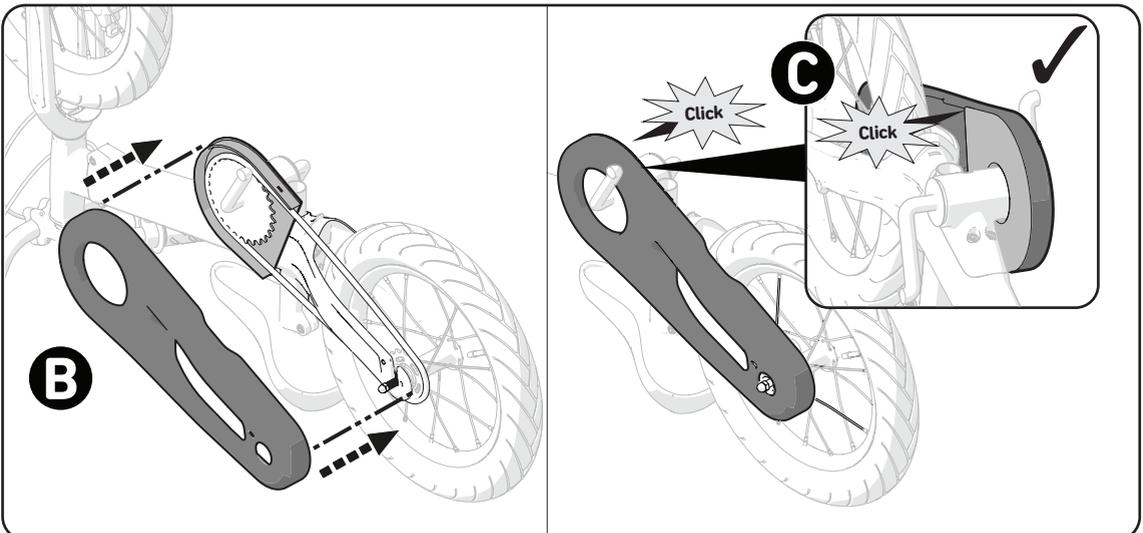


Step 6:

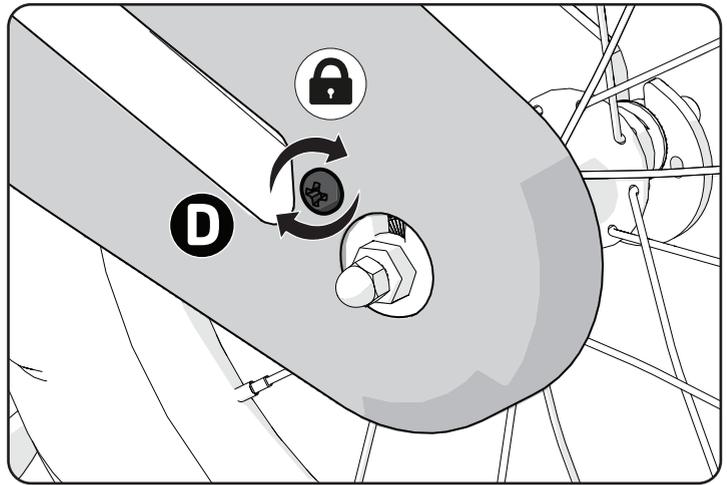
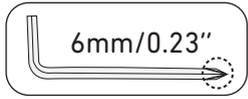
A. Remove the screw and keep it aside.



B-C. Cover the chain with the lid Until you hear a "click".



D. Replace the screw and secure it for locking purpose.



Chain Adjustment



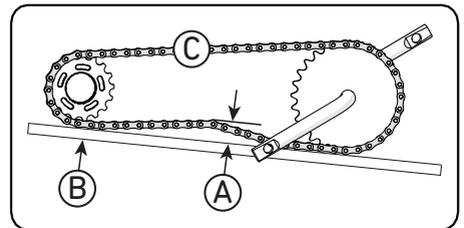
WARNINGS:

The chain must stay on the sprockets. In case it comes off the sprockets, the coaster brake will fail to operate properly.



WARNINGS:

Do not try to repair chain on your own. If any problem arises with the chain, go to a bicycle service shop to get the repair work done.



NOTE: Ensure the rear wheel is in the centre of the bicycle frame. Maintain the wheel in this position and tighten securely.

Adjustment:

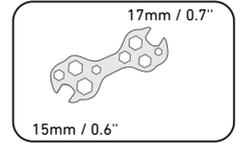
The chain needs to be at the right tightness. If it is too tight, it will be difficult for the rider to pedal the bicycle. If it is too loose, the chain can come off the sprockets.

When the chain (C) is at the correct tightness, the rider can rotate the crank freely and pull it no more than one-half inch (A) away from a straightedge (B) as shown in the image. You need to adjust the tightness of the chain by following these guidelines:

- The axle nuts of the rear wheel must be loosened.
- Shift the rear wheel forwards or backwards as required.

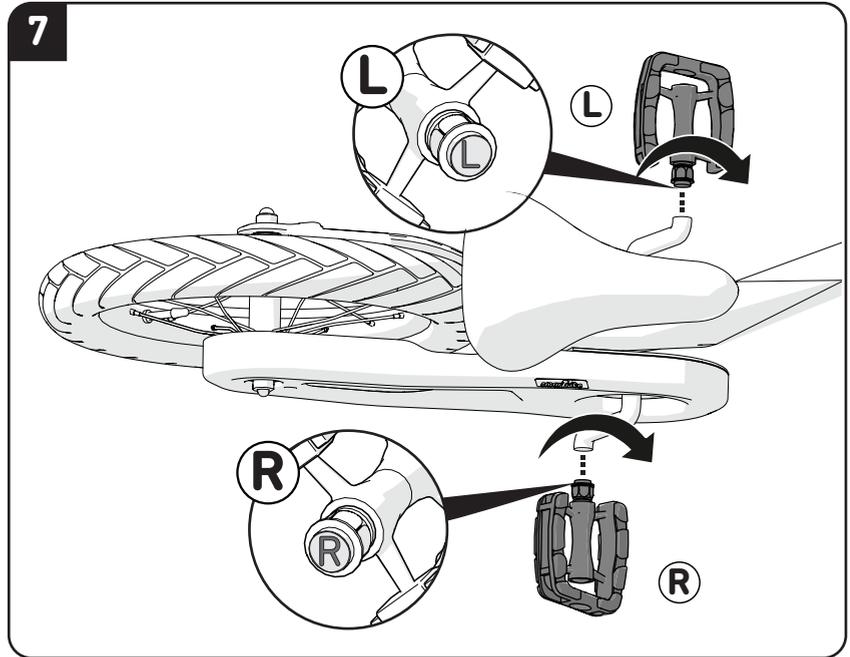
Step 7:

For screwing the pedals use the open wrench (15mm / 0.6").



NOTE:

Pay careful attention to the side pedals according to the presented mark on the pedal side.

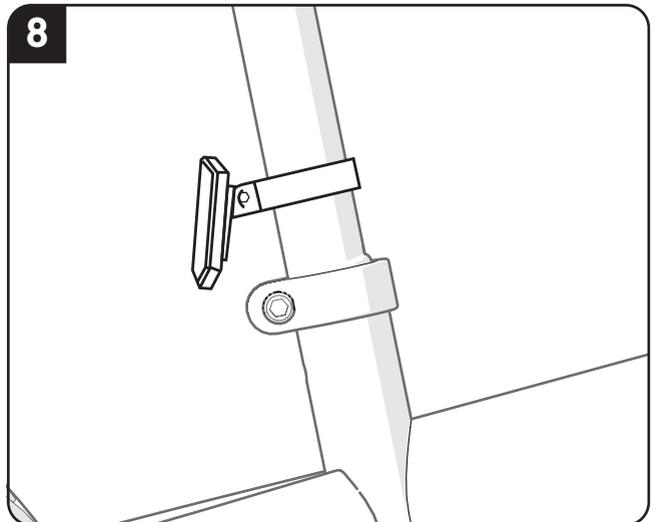


Step 8:

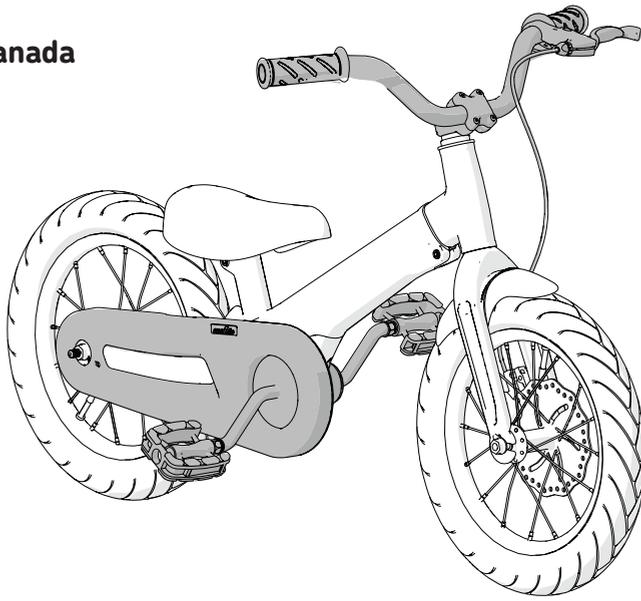
Place the Seat Post red reflector carefully so that it points straight backward. Then tighten the Clamp Screw.

NOTE:

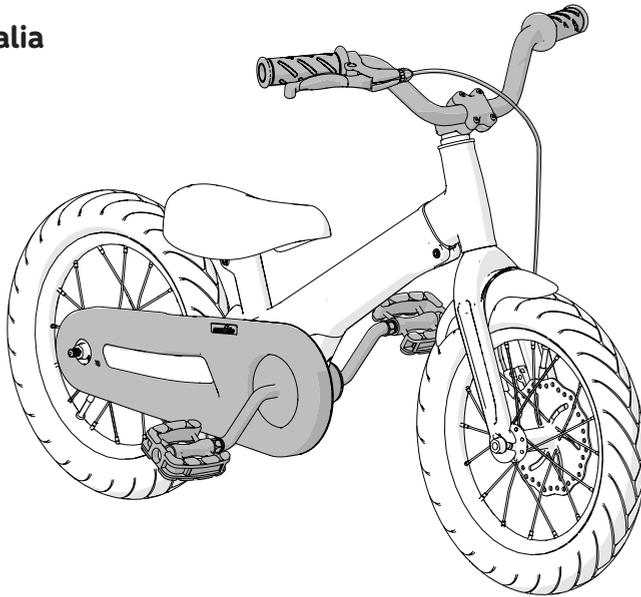
Be careful not to over-tighten, as it would damage the Clamp.



USA & Canada



Australia

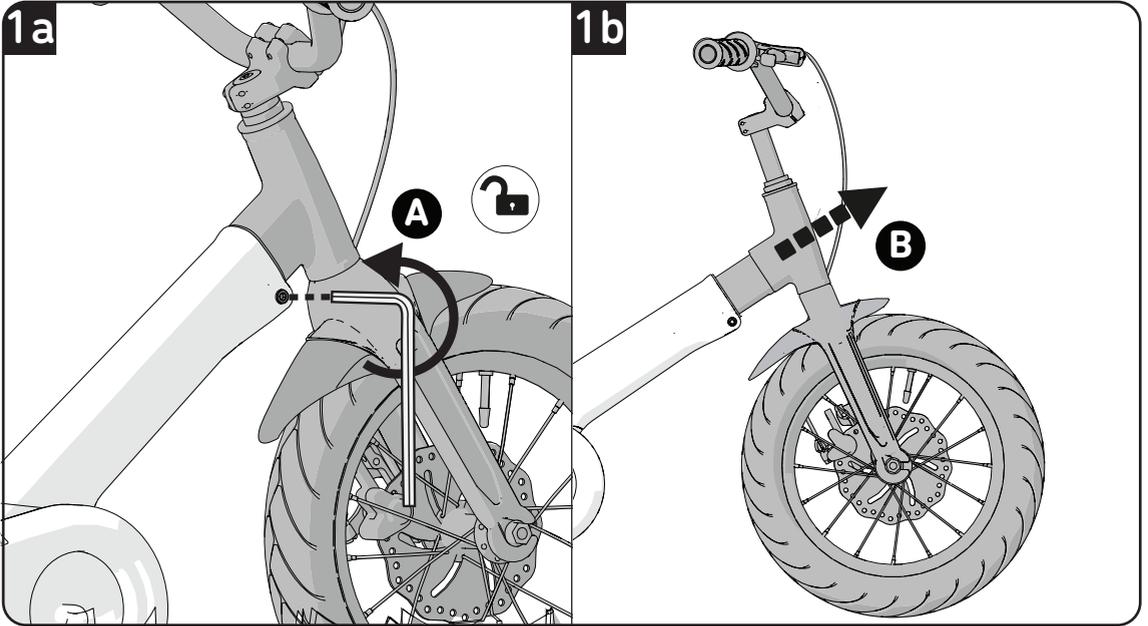


Extended Mode

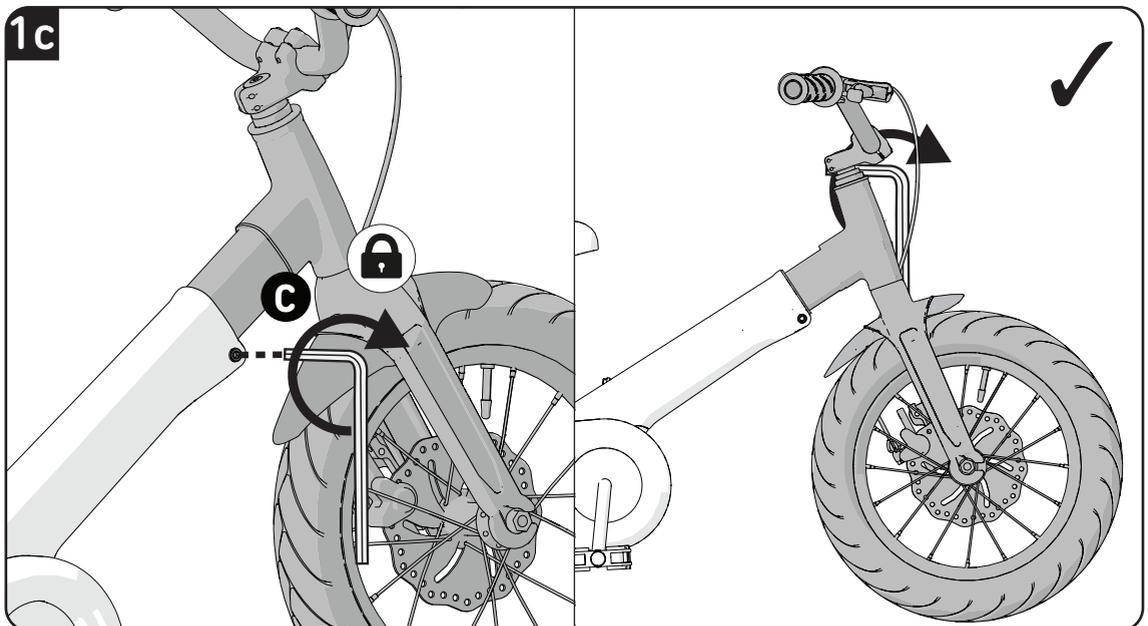
Step 1:

A. First, you need to loosen the screw and nut.

B. The telescopic mechanism must be pulled to the required measure.



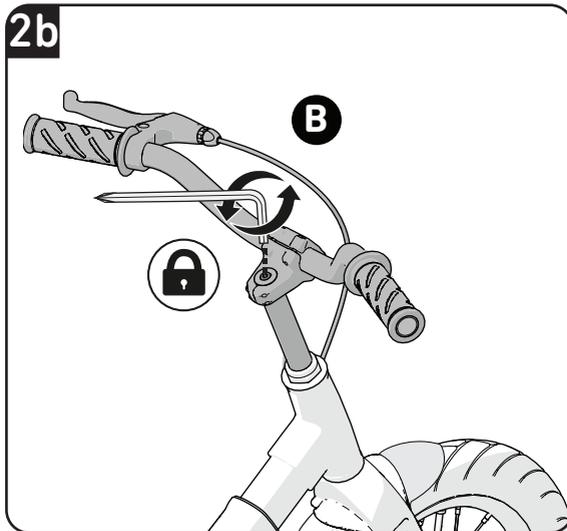
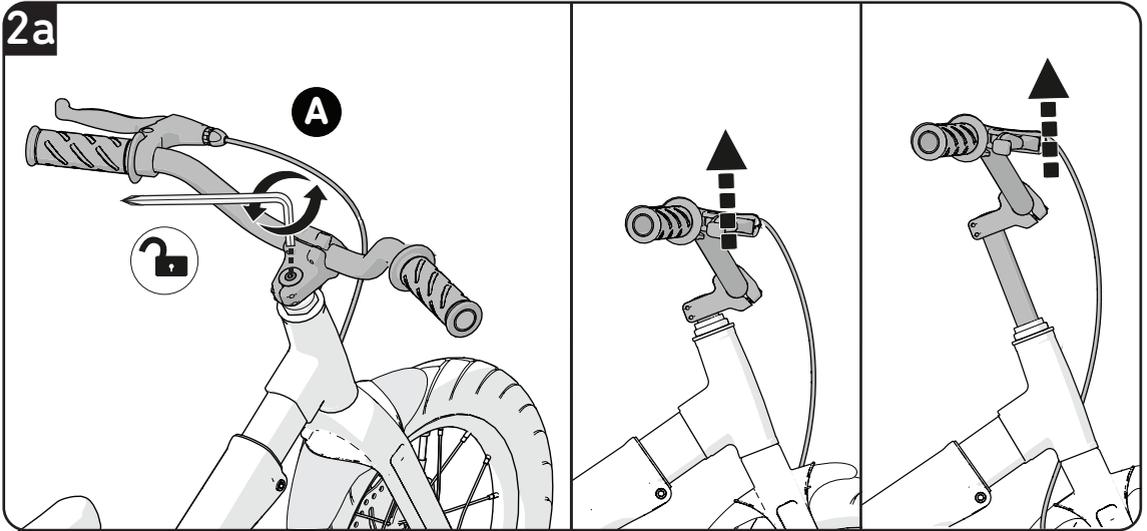
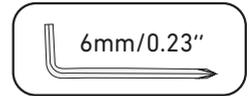
C. Tighten the screw and nut for locking the mechanism.



Step 2:

A. To adjust the handlebar use the 6mm/0.23" Allen key.

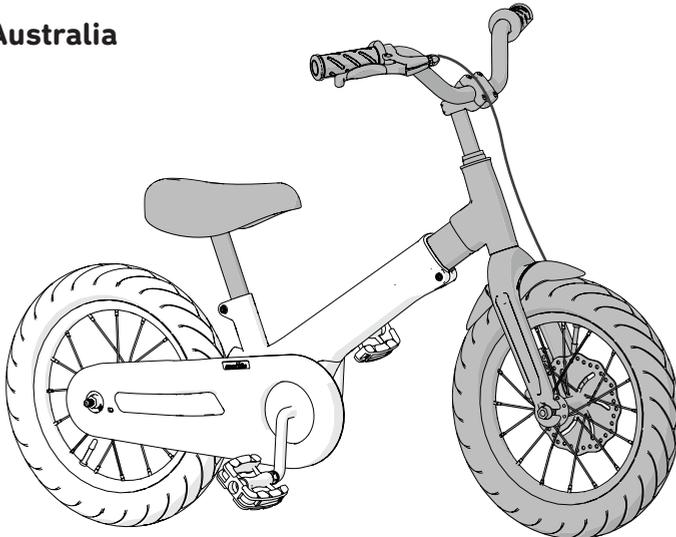
B. To lock the mechanism back use the Allen Key.



USA & Canada



Australia



Repair and Service

WARNING:

- The product must be frequently inspected. A failure to inspect the product and to make repairs or necessary adjustments can lead to injury to the rider or to others. Ensure that all the parts are properly assembled and adjusted as per the written instructions in this manual and any "Special Instructions".
- Instantly replace any damaged, missing, or badly worn parts with the original equipment. Ensure that all fasteners are securely tightened as written in this manual and any "Special Instructions". In case parts are not tightly secured they could be lost or the operation could be adversely affected. Be careful not to over tighten some parts as they could be damaged. Ensure that the replacement fasteners are of the correct type and size.

NOTE: In case you do not have the proper tools or are unsure of the instructions or any "Special Instructions" provided in this manual, have a bicycle service shop make any repairs or adjustments to the bicycle

Maintenance and Service - Tyre

Maintenance:

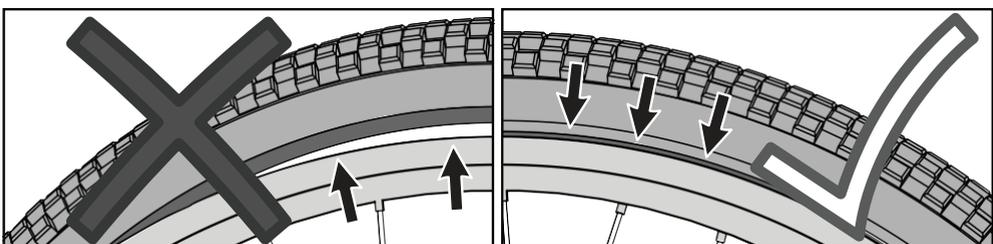
- Regularly check the tyre inflation pressure as all tyre lose air gradually with the passage of time. For extended storage, keep the weight off the tyres of the bicycle.
- Be careful not to use unregulated air hoses to inflate the tyre/tubes of the bicycle. An unregulated hose could abruptly over-inflate the tyres and cause them to burst.
- Replace the tyres that are worn out.

 **WARNING:** In case a tyre is under-inflated do not sit on the product as it can damage the tyre, rim and inner tube.

Inflating the Tyre:

- To inflate the tyres of the bicycle, use a hand or a foot pump.
- Service station meter-regulated air hoses can also be used.
- The tyre sidewall showcases the maximum inflation pressure.

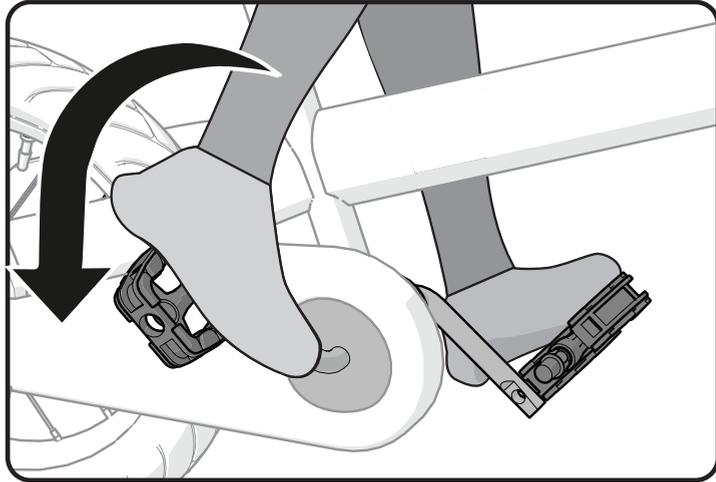
Prior to adding air to any tyre of the bicycle, ensure that the edge of the tyre (the bead) is the same distance from the rim, all around the rim, and on both sides of the tyre. In case the tyre does not seem to be seated properly, release air from the inner tube until you can push the tyre's bead into the rim where needed. Add air gradually and stop regularly for checking the tyre seating as well as the pressure, until you reach the proper inflation pressure.



Coaster Brakes

Follow the below guidelines to operate the coaster brake:

- To move the chain backward, push the pedals backward
- The chain will activate the coaster brake mechanism which is inside the rear wheel hub
- When you push the pedals backward with higher force, the coaster brake's braking action will increase.



Inspection of the Bearings

MAINTENANCE

Regularly check the bearings of the bicycle. Make sure to lubricate the bearings annually or when they do not pass the below tests:

HEAD TUBE BEARINGS

The fork must turn smoothly and freely at all times. When the front wheel is off the ground, you should be unable to move the fork up, down, or side-to-side in the head tube.

CRANK BEARINGS

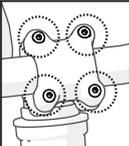
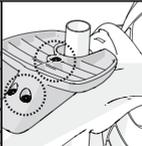
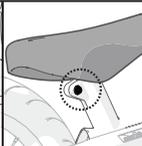
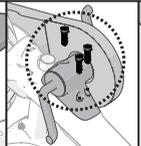
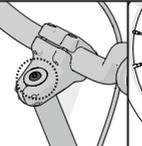
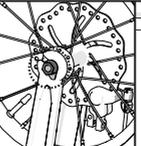
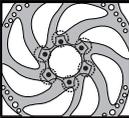
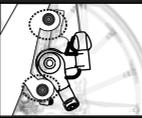
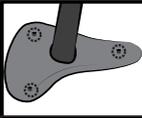
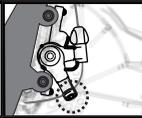
The crank must turn smoothly and freely at all times and the front sprockets must not be loose on the crank. You should be unable to move the pedal end of the crank from side-to-side.

WHEEL BEARINGS

Raise every end of the bicycle off the ground and gradually spin the raised wheel by hand. The bearings are properly adjusted if:

- The wheel can spin easily and freely.
- When you put the weight of the spoke reflector toward the front or rear of the bicycle it causes the wheel to spin back and forth multiple times.
- When you push the wheel rim to the side with light force, there is no side-to-side movement.

Recommended Torque Table

							
6 N•m (4.43 ft-lbs)	6 N•m (4.43 ft-lbs)	7 N•m (5.16 ft-lb)	8 N•m (5.9 ft-lbs)	8 N•m (5.9 ft-lbs)	10 N•m (7.38 ft-lbs)	12 N•m (8.85 ft-lbs)	12 N•m (8.85 ft-lbs)
							
5.5N/m (4 ft-lbs)	15N/m (11 ft-lbs)	0.7N/m (0.5 ft-lbs)	9.5N/m (7 ft-lbs)				

Lubrication & Maintenance

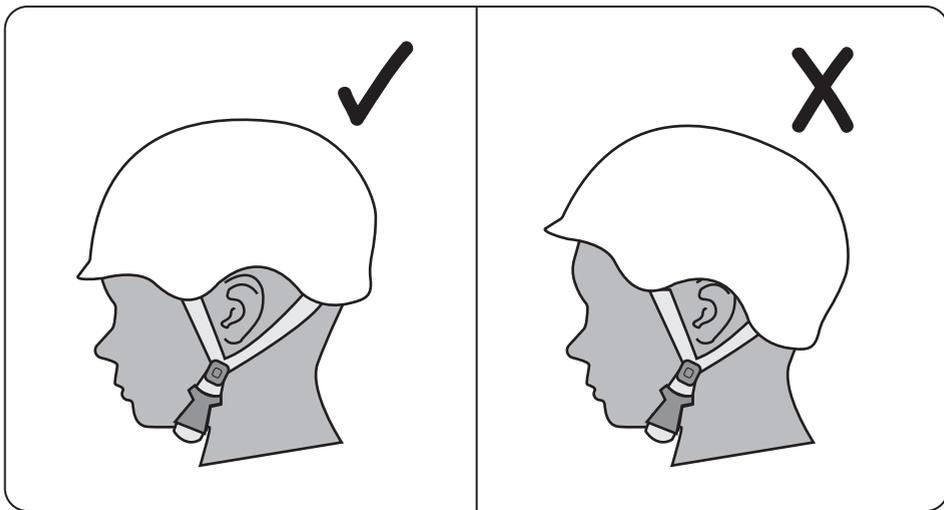
WARNING:

- Be careful not to over lubricate. In case oil gets on the wheel rims or the brake shoes, it will minimize the brake performance and thus a longer break distance will be necessary to stop the bicycle.
In such a case injury to the rider or to others could take place.
- The chain could throw extra oil onto the wheel rim. Make sure to wipe this excess oil off the chain.
- Make sure to keep all the oil off the pedals' surfaces where your feet rest.
- Use soap and hot water for washing any oil off the wheel rims, the pedals, the brake shoes, and the tyres.
- Rinse using clean water and dry it completely before you ride.
- Use light machine oil (20W) for lubricating the bicycle as per the presented details in the following table:
- If the brake system wears out, it is recommended you visit a professional bike shop to replace the brake pads or brake system.

What	When	Where
Pedals	every six months	Put four drops of oil where the axles go into the pedals.
Chain	every six months	Put one drop of oil on each roller of the chain. Make sure to wipe any excess oil off the chain.
Brake Lever	every six months	On the pivot point of each brake lever put one drop of oil.
Wheel Brakes	every six months	On the pivot point of each cantilever Brake put one drop of oil.
Brake and cable	every six months	Put four drops of oil into both ends of each cable. Let cable the oil to soak back along the cable wire.
Crank	every six months	Put the bicycle on its left side and slowly turn the rear wheel in the clockwise direction. Apply four drops of oil in the crack between the rear sprockets (which are stationary) and the freewheel body (which is turning clockwise).



WARNING: ALWAYS WEAR YOUR HELMET WHEN RIDING THIS PRODUCT!



- Ensure that the helmet sits in a levelled manner on the head and low on the forehead.
- The strap sliders must be adjusted below your ear on both the sides.
- Make sure to buckle the chin strap and adjust the strap until it is securely fastened.
- Not more than two fingers must fit between the strap and your chin. A helmet that is properly fitting must be comfortable. It must not rock forward and backward or side to side.
- Ensure to always read the user manual that comes along with your helmet so that it is attached and fitted properly to the wearer's head as per the fitting instructions highlighted in the user manual.

WARRANTY



LIMITED WARRANTY:

Even though your new bicycle is built in a tough manner, it is designed only for recreational use and not for commercial use or extreme riding. Subject to the highlighted limitations, this smarTrike® bicycle is warranted to the original purchaser to be free from any kind of defects in materials and workmanship for a certain period from the date of purchase:

- **4 years for the frame and fork, 6 months for all Other bicycle component parts. No other express or implied warranty given.**

smarTrike® will make sure to replace without charge the bicycle frame, fork or those component parts which are ascertained by smarTrike® to be defective in materials or manufacture under normal use and service during the applicable warranty period. It will be the responsibility of the original purchaser to bear any and all labor charges that are connected with the repair or replacement of the frame, fork, and/or parts.

The component parts subject to wear and tear in use such as tyres, tubes, seats, grips, and brake shoes have not been covered under this warranty.

- **BEWARE THERE ARE LIMITATIONS ON WHAT WE WARRANTY:**

This limited warranty is not applicable to normal wear and tear, nor is it applicable to claimed defects, malfunctions, or failures that result from abuse, neglect, improper assembly, improper maintenance, alteration, collision, crash, misuse, or any damage caused while taking part in any organized competition or commercial activity. The bicycle frame, fork, and component parts have been manufactured and designed for use by average riders, and these bicycles are not meant for stunt riding, ramp riding, jumping, aggressive riding or any similar extreme activities; such uses might damage the bicycle frame, fork and/or component parts and will void this warranty. smarTrike® bicycles are designed for the average rider to use the bicycles on approved trails and for noncompetition riding which is safe and within the rider's limits and experience.

continued

Even in such conditions bicycle riding can be naturally dangerous as bodily injury or death can take place, especially if the rider does not ensure that the safety and maintenance checks recommended in this manual are followed, if the rider does not wear a helmet, if he fails to follow the rules of the road, if he goes into traffic, rides double, or gets involved in aggressive stunts or extreme terrain riding. All riders will presume their own risk of injury while biking, and smarTrike® will not take any responsibility unless the accident and injury arise out of smarTrike's sole negligence and such negligence has to be definitely proven.

THE PURCHASE OF THIS smarTrike® BICYCLE WILL CONFIRM THE BUYER'S AGREEMENT THAT smarTrike® LIABILITY UNDER THIS WARRANTY SHALL BE NO GREATER THAN THE AMOUNT OF THE ORIGINAL PURCHASE PRICE AND IN NO EVENT SHALL smarTrike® BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This Limited Warranty will be void in case the product is ever:
Used in a manner other than for recreation or transportation purpose
Altered or modified in any way.
Used for rental purposes.

smarTrike® does not provide an extended warranty; in case you have bought an extended warranty, it has to be honored by the store from which you bought the bicycle or the appropriate party. For your personal records, retain your original sales receipt with this manual.



www.smarTrike.com

www.youtube.com/user/SmartTrikeOfficial

The Original
smarTrike®

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