Foreword – To you, the new owner of an iruka

Firstly, thank you for becoming an iruka partner.

No doubt you are eager to get on your new iruka and go for a ride. But hold on just a second. Before you do, I ask that you please read over this manual.

I know what you're thinking, "I never read instruction manuals, anyhow."

Some may say "Manufacturers only prepare manuals to duck responsibility" and to some extent that cannot be denied.

Although it may not make for a riveting, I can assure you that reading the manual will reduce the risk of you encountering unnecessary trouble.

Compared to general bicycles, folding bicycles such as iruka have many moving parts, therefore a slight misunderstanding here or oversight there has the potential to result in a serious accident.

Moreover, by knowing little knacks about folding (such as where to hold iruka and with which hand), you will be able to fold iruka swiftly and neatly.

You will also be able to avoid mishaps such as trapping your finger.

If you have any suggestions on information that should be added to the manual, we'd love to hear from you. Please email us at info@iruka.tokyo. Your feedback will be used as a reference point when we revise the manual.

Please enjoy your iruka experience!

iruka Inc. Masaki Kobayashi, Founder and President

Particular Caution Required

The below two points relating to iruka's structure are imperative to using iruka safely. For other safety precautions, please refer to the iruka Owner's Manual.

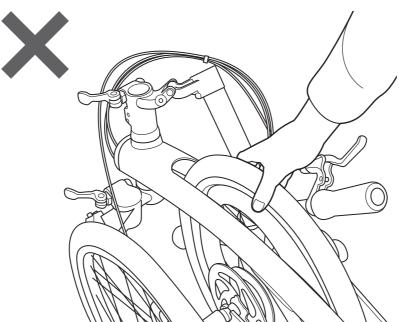
⚠ Warning



Do not carry the bicycle by the rear wheel when the bicycle is folded.

Doing so may lead to injury due to the rear wheel turning and trapping your fingers between the frame and the rear wheel.

(iruka is sold with a wheel cover to prevent fingers going through the rear wheel)



∧Warning



Inspect the following parts before use.

■ Cam levers (5 points on the below figure)

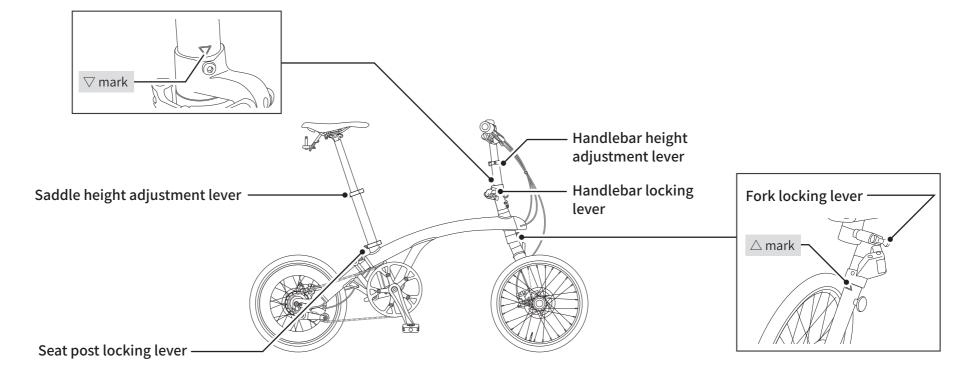
Check that the lever is closed to the maximum extent where you are able to turn it on your own.

If it is not fully closed, it may loosen while the bicycle is in use and result in an accident.

(As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

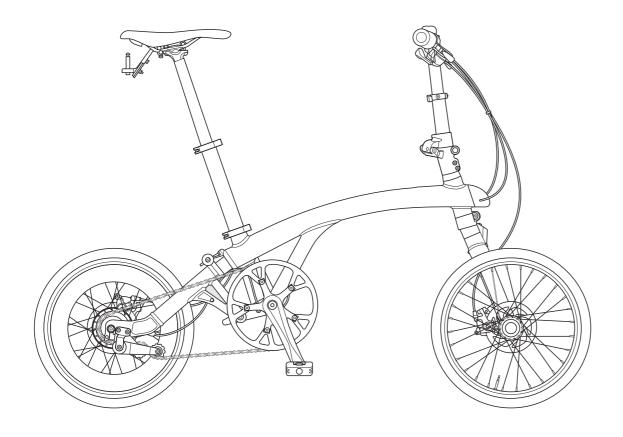
If the lever closes with minimal force, please adjust it to the optimal stiffness.

Insertion points (2 points on the below figure) Check that the stem and the front fork are inserted to the point where the \triangle mark is aligned with the edge of the joint. If they are inserted too shallowly, they may fail to lock and fall out.





iruka Owner's Manual With warranty

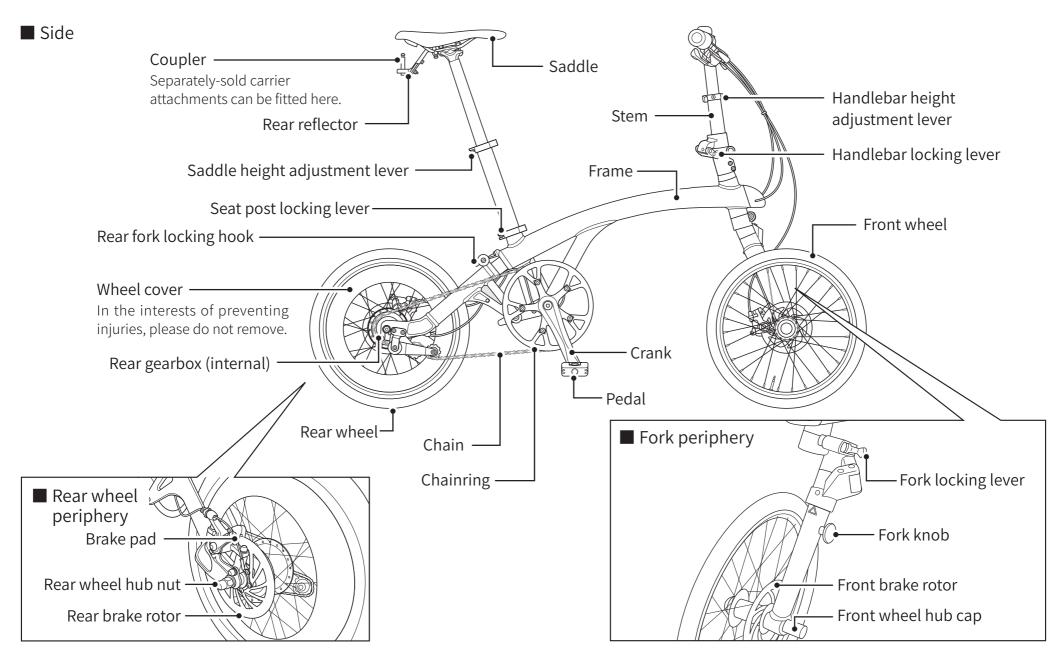


• The shape of some parts may differ depending on the model.

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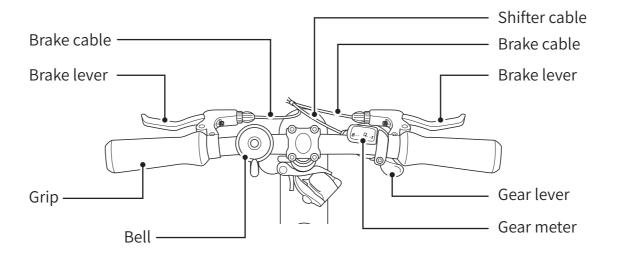
Name and Function of Each Part



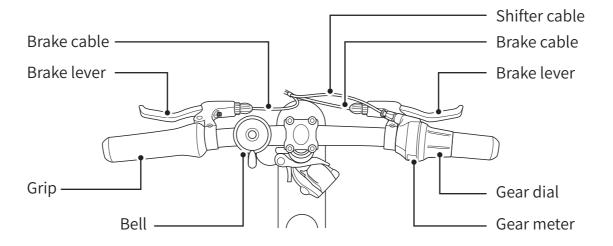
Name and Function of Each Part (cont'd)

■ Handlebars

Model with trigger shift



Model with dial shift



Accessories

Owner's Manual/Warranty (this document)

Safety Precautions

The safety precautions set out here aim for the safe and correct use of this product, as well as the prevention of harm or damage to the owner or third parties. Points of using this product which we believe could be handled incorrectly are grouped into the two categories of "Warning" and "Caution." Both categories contain matters seriously affecting safety so please be sure to comply with the precautions.



Indicates points of handling this product which, if performed incorrectly, could result in harm, such as the death or serious injury of the user.



Indicates points of handling this product which, if performed incorrectly, could result in harm or damage, such as the minor injury² of the user or property damage³.

- *1 Serious injuries refer to injuries with aftereffects such as blindness, wounds, burns (high/low temperature), electrocution, broken bones, and poisoning, and injuries for which hospitalization or long-term clinical care for treatment purposes is required.
- *2 Minor injuries refer to wounds, burns, electrocution and other injuries not requiring hospitalization or long-term clinical care for treatment purposes.
- *3 Property damage refers to consequential damage to the home, household effects, livestock, pets, etc.
- The below icons express points of use to be observed.



"Prohibited" content to be avoided at all times.



"Mandatory" content we ask that you ensure you do.

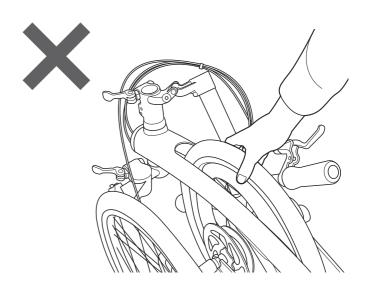
⚠ Warning



Do not carry the bicycle by the rear wheel when the bicycle is folded.

Doing so may lead to injury due to the rear wheel turning and trapping your fingers between the frame and the rear wheel.

(iruka is sold with a wheel cover to prevent fingers going through the rear wheel)



⚠ Warning



Inspect the following parts before use.

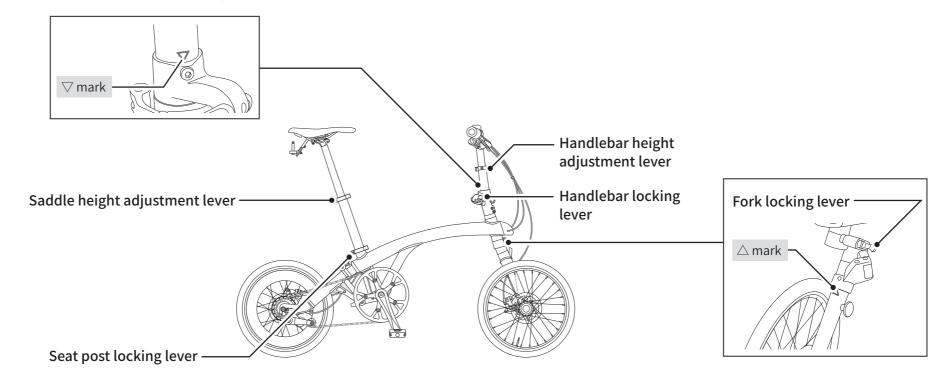
■ Cam levers (5 levers located as shown in the below figure) Check that these levers are closed to the maximum extent where you are able to turn them on your own.

If not fully closed, these levers may loosen while the bicycle is in use and result in an accident.

(As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

If the lever closes with minimal force, please adjust it to the optimal stiffness.

Insertion points (2 points on the below figure) Check that the stem and the front fork are inserted to the point where the \triangle mark is aligned with the edge of the joint. If they are inserted too shallowly, they may fail to lock and fall out.



⚠ Warning



Do not make modifications to the product yourself.

Doing so may lead to parts being damaged, the brake no longer working, tipping over of the bicycle, or injury. Please consult with the retail store where you purchased iruka regarding repairs and attachment of parts. Please do not attach training wheels.



Make sure to perform an inspection on the product within two months of starting to use it.

- Read the Owner's Manual thoroughly before performing an inspection.
- If you are unsure, please consult with the retail store of purchase.

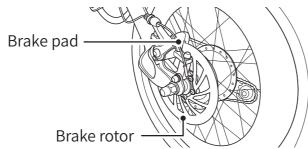


Do not use this bicycle for anything other than riding (such as for resting on, as a step, etc.)

Doing so may cause a fall and result in injury.

Never oil the brake rotor or brake pad.

Doing so may prevent the brake from working properly, leading to a collision, and resulting in injury.





Before riding, inspect the locations shown in this Owner's Manual.

Failing to do so may lead to a fall and result in an accident. Please refer to page 9 in this Manual for inspection locations.



The below inspections and replacements should be performed once a year.

Failing to do so may result in the brake not working properly, becoming susceptible to slipping, and result in a fall.

Brake cables

Replace once every two years even if no abnormalities. Please contact the retail store of purchase or a bicycle repair store regarding replacement.

Brake levers

If a lever is quite loose, adjust it immediately. → page 10

Chain

If the chain is significantly loose, please contact the retail store of purchase or a bicycle repair store regarding replacement. Failing to do so is dangerous as the chain could come off while riding.

Tires

If using tires with grooves, replace before the tread wears away entirely.

Brake pads

If you adjust a brake lever but the brake does not work well or you hear an abnormal noise when you brake, there is a possibility the brake pads are worn. Please have the brake pads replaced at the retail store of purchase or a bicycle repair store.



Do not ride iruka if there are any abnormalities such as wobbling, looseness, distortion or cracks.

Doing so could result in an accident or falling and injuring yourself. Please contact the retail store of purchase if you discover an abnormality. Make sure to replace any parts that are distorted or cracked.



After adjusting the height of the saddle or handlebars, make sure the cam levers are firmly secured before riding.

Failing to do so could lead to the saddle or handlebars coming loose while riding, resulting in injury.

After adjusting height, close the cam lever to the maximum extent where you are able to turn it on your own. (As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

If the lever closes with minimal force, please adjust it to the optimal stiffness. \rightarrow page 11

Wear a bicycle helmet when riding.

Helmets are effective in protecting your head.

⚠ Warning



Do not insert an umbrella, cane, fishing rod, etc. in your bicycle when riding. Do not wedge a ball, etc. between the spokes.

It could cause the wheels to lock and result in a fall.

Do not ride a bicycle that has not yet been assembled or adjusted. Doing so is hazardous as normal operation would not be possible, and it could cause a fall or collision, resulting in injury.

When turning a corner, do not lower the pedal on the side to which the bicycle will turn. Doing so could cause the pedal to make contact with the ground and result in a fall.

Do not turn the handlebars suddenly or turn a corner suddenly when travelling at high speed.

Doing so could result in slipping and falling.

Do not ride roughly or perform acrobatic stunts.

Doing so could damage the frame or wheels and result in the bicycle falling over or an accident.



When passing alongside a car, first check that it is safe to do so. Parked or stopped cars may open their doors suddenly, or people/animals may come around the side of the car, resulting in an accident.



Do not put your hands, feet, or other objects near the rotating portions (wheels, chain, etc.).

Doing so could lead to entanglement or falling, and result in injury.



Do not ride iruka without the light on at night, in tunnels, during fog, and other situations with poor visibility.

If visibility is poor, the bicycle could collide or fall over, resulting in injury. This is also dangerous as third parties will have difficulty seeing you. If the light isn't working or the rear reflector is broken or dirty, dismount from your bicycle and push it.

Do not ride iruka while doing the following.

- Using a cellphone, smartphone or other device
- Listening to music on earphones or headphones
- Holding an umbrella

Such acts could result in an accident.



Do not hang bags or tether a pet off of your hands or the handlebars.

Doing so could cause the bags to become entangled in the wheels, throw you off balance, and result in a fall or injury.

Do not ride iruka while consuming alcohol, taking medication, or if you feel unwell.

Doing so could lead to a collision or fall, and result in injury.

Do not stand on the pedal with the arch or heel of your feet.

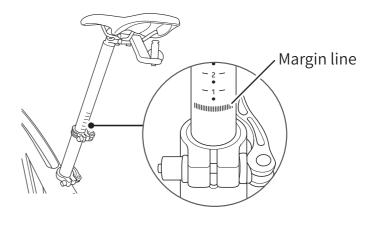
If you do so, your toes could hit the front wheel when turning the handlebars to go around a corner, etc. causing you to fall.

Do not go too fast down slopes, or on rainy days when the road surface is wet.

Doing so could lead to slipping, or require a longer braking distance due to reduced brake performance, resulting in a fall or an accident.

Do not ride iruka in a state where the margin line of the saddle or handlebars is visible.

Doing so could lead to the saddle or handlebars breaking or coming loose, and result in an accident.



⚠ Warning



Do not ride while wearing shoes which slip easily, shoes with high heels, etc.

Doing so could cause your foot to slip off the pedal, resulting in a fall.

Do not have two or more people on the bicycle when riding. Also, do not attach protruding items such as hub steps.

Doing so could result in a fall or an accident.

Do not operate the front brake in isolation.

Doing so could result in a fall.

Do not ride in clothes that could easily become entangled.

There is a risk of the cuffs of trousers and skirts, or scarves, etc. becoming entangled in the wheels or gears, resulting in a fall.

We recommend using cuff clips.

Do not ride over slippery surfaces (snow, ice, steel plate, mud, etc.). Also, avoid riding on extremely windy days.

It could lead to the front or rear wheels slipping, causing you to fall off or injure yourself.

In such situations, please dismount from the bicycle and push it along.

Do not ride on extremely uneven surfaces.



If you hear an abnormal noise while riding, or you fall or collide heavily, cease use immediately and consult with the retail store of purchase.

Continuing to use the bicycle in such situations could result in accidents or malfunction.

⚠ Caution



Do not remove the wheel cover.

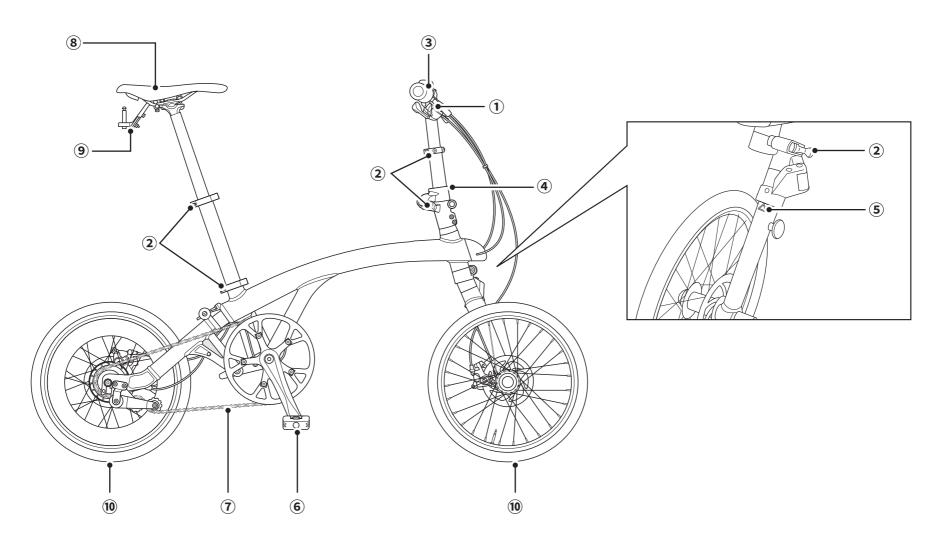
Doing so could lead to your hand becoming trapped between the wheel and frame when the bicycle is folded, resulting in injury.

Appropriate height/weight approximates

Appropriate riding height: 130 to 185 cm (60 to 84 cm below crotch) Appropriate riding weight: Up to 100 kg (incl. luggage load)

Pre-ride Inspection

Inspection points

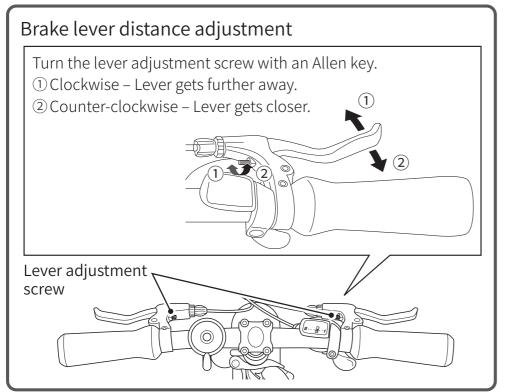


Pre-ride Inspection (cont'd)

Inspection content

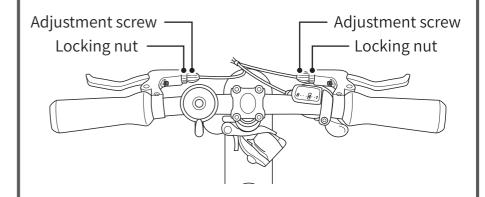
1 Brake levers

- Grip the brake levers and check that the brake engages properly before the brake levers hit the handlebars.
- If the brake does not work well even when the brake levers are fully gripped, adjust the brake lever play by following the steps to the right.
- The distance between the handlebars and brake levers can be adjusted by following the below steps.



Brake lever play adjustment

- ① Turn locking nut counter-clockwise to loosen.
- ② Turn adjustment screw counter-clockwise to loosen slightly.
- ③ Turn locking nut clockwise to loosen.
- ④ Grip the brake levers and check that the brake engages properly.
- ⑤ If the brake still isn't working well, repeat steps 1 through 4.



• If the brake still doesn't work well after adjusting the brake play, please refrain from riding the bicycle and contact the retail store of purchase regarding repairs.

Pre-ride Inspection (cont'd)

Inspection content (cont'd)

③ Securing the cam levers ● Check that the cam levers in the below five locations are properly secured. □ Handlebar height adjustment lever □ Saddle height adjustment lever □ Fork locking lever □ Seat post locking lever

Marning



Close the cam lever to the maximum extent where you are able to turn it on your own.

If it is not fully closed, it may loosen while the bicycle is in use and result in an accident.

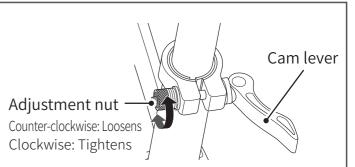
(As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

If the lever closes with minimal force, please adjust it to the optimal stiffness.

How to adjust a cam lever

If the locking lever can be closed with minimal strength, turn the adjustment nut gradually in a clockwise direction and adjust until the maximum stiffness is achieved within a range where the lever can still be turned.

(As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)



Pre-ride Inspection (cont'd)

Inspection content (cont'd)

3 Handlebars

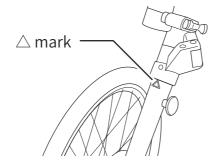
- Shake toward front/back/left/right and check there is no wobbliness.
- Check that the handlebars are perpendicular to the tires.
- If the handlebars are too low or too high, open the handlebar adjustment lever and adjust to the optimal height.

4 Stem joint



⑤ Front fork

lacktriangle Confirm insertion is up to the \triangle mark.



6 Pedals

Check for wobbliness.

(7) Chain

- Check for excessive looseness.

 If the chain is too loose, it may fall off during riding, which is hazardous. Have the bicycle adjusted immediately at the retail store of purchase or a repair shop.
- Check that the bicycle isn't idling when the pedals are turned.

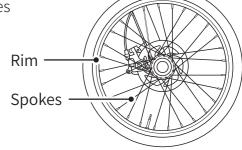
8 Saddle

- Shake toward front/back/left/right and check there is no wobbliness.
- If the position is too high or too low, open the saddle height adjustment lever and adjust the height.

• Check there is no dirt or damage.

10 Tires

- Check there is no wear, damage or cracks.
- Check that the air pressure is appropriate (air pressure is written on side of tire).
- Check that the rims and spokes are not distorted or have any other abnormalities.

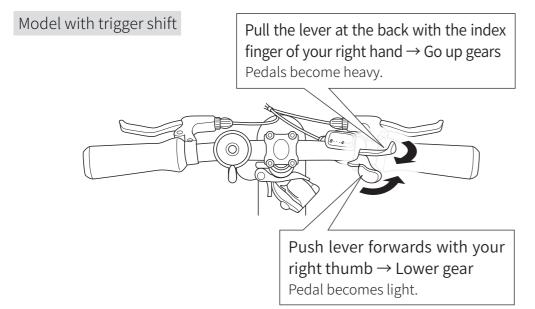


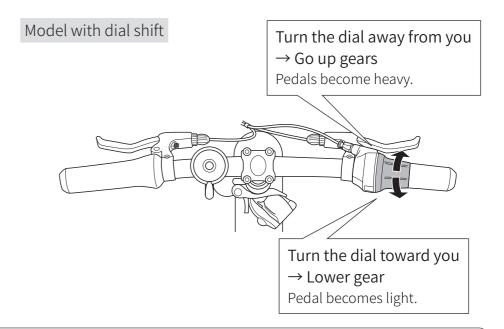
How to Ride

How to change gears

Operate the gear lever while turning the crank.

• Do not operate the gear lever while turning the crank backwards.

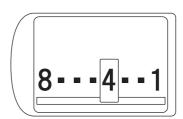




How to read the gear meter

Current gear number is displayed.

The higher the number, the heavier the pedals and the greater the distance travelled per each revolution of the pedal. For trigger shift model (eight gears)



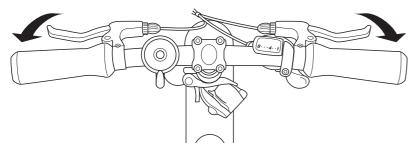
For dial shift model



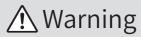
How to Ride (cont'd)

How to brake

Engage the front brake while engaging the rear brake.



* Which of the left and right brakes is for the front and which is for the rear depends on the country where you purchased this bicycle.





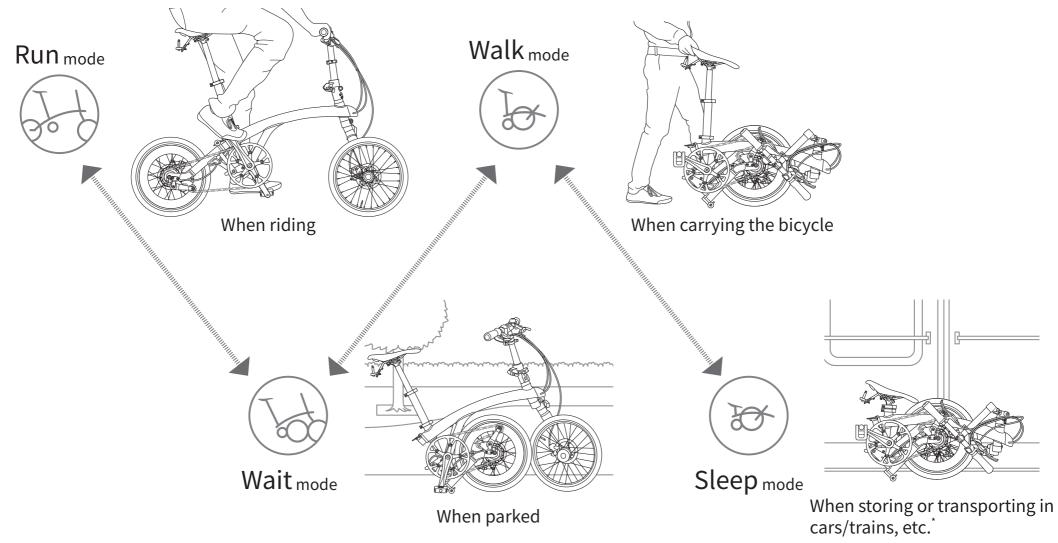
Do not engage the front brake too excessively.

Doing so could cause the front wheel to lock and result in a fall.

Folding and Unfolding

Modes

iruka transforms four different ways to suit the scene.



^{*} In Japan, there is a requirement to fold and store bicycles in a bicycle bag on almost all train routes. You may even be requested to store your bicycle in a bicycle bag while in train stations.

Folding

Run mode Wait mode

1 When releasing the rear fork locking hook with your left hand, lift the saddle slightly with your right hand.

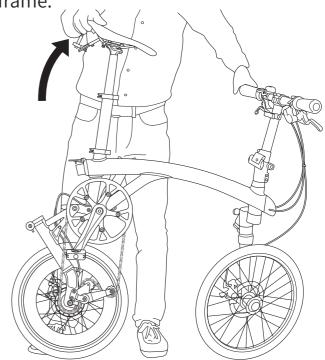
tert nand, the the saddle slightly with your right hand.

If folding the bicycle into sleep mode, move the left crank from a 9 o'clock to a 10 o'clock position as this makes folding easier.

- Rear fork locking hook



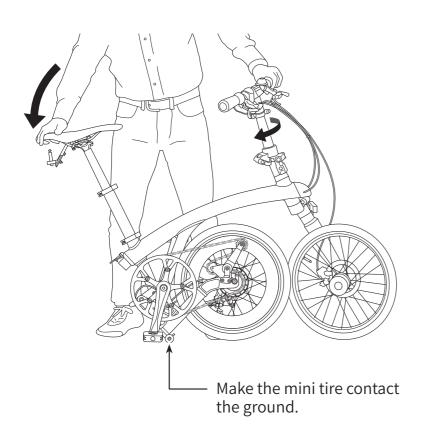
2 Keep lifting the saddle until the rear wheel folds up into the frame.

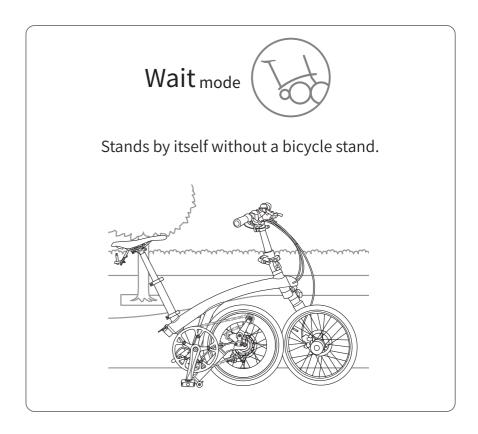


Folding (cont'd)



Lower the saddle while turning the handlebars slightly to the right.

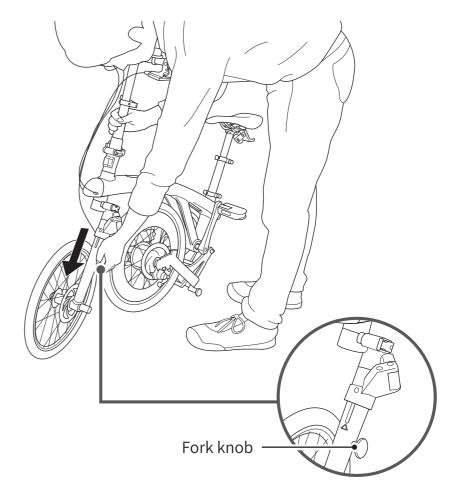




Folding (cont'd)



- Open the fork locking lever with your left hand while holding the stem with your right hand.
- - Fork locking lever
- Hold the fork knob with your left hand and pull out the fork.





Folding (cont'd)

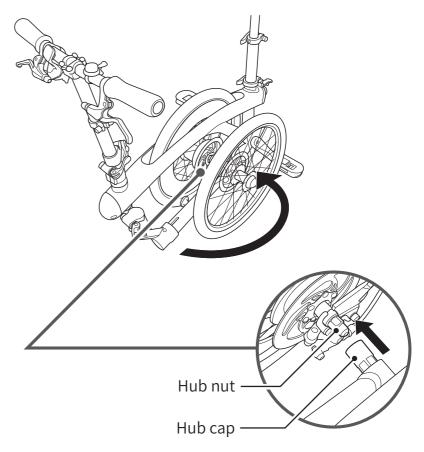


While supporting the stem with your right hand, fold up the fork with your left hand.



4 Align the front wheel hub cap to be over the rear wheel hub nut.

The front wheel hub cap has a built-in magnet which the hub nut will stick to when brought in close proximity.

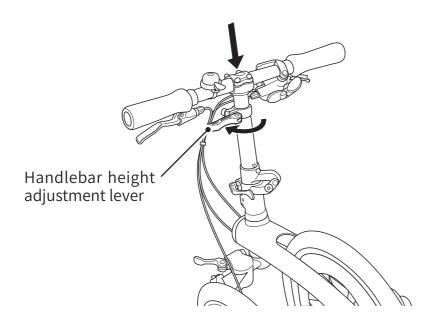


Folding (cont'd)

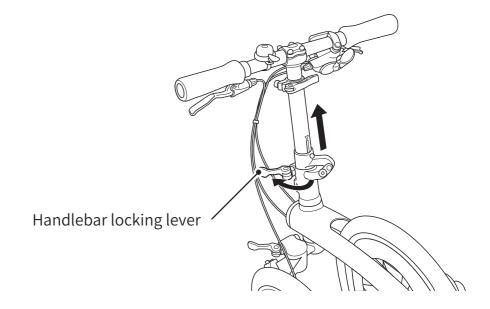


Open the handlebar height adjustment lever and lower the handlebar to the lowest position.

After lowering, close the handlebar height adjustment lever.



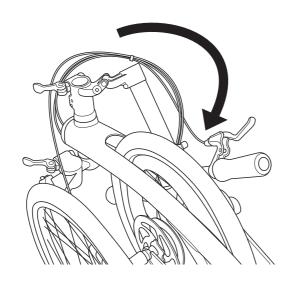
6 Open the handlebar locking lever and pull out the stem.



Folding (cont'd)



7 Fold the stem.

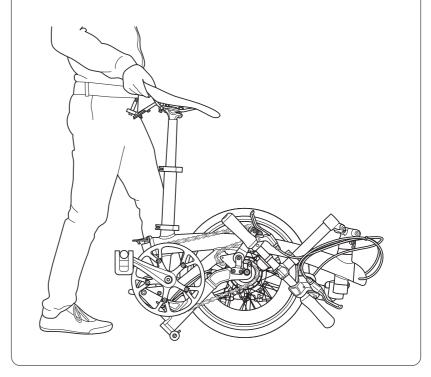






The bicycle can be pushed along holding the saddle.

* By going backwards, the crank will turn and the tip will hit the ground.



$Walk_{\,mode}$

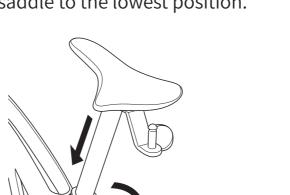






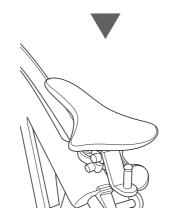
Folding (cont'd)

- 1 Open the seat post locking lever and store the seat post.
 - Seat post locking lever
- 2 Open the saddle height adjustment lever and lower the saddle to the lowest position.



Saddle height

adjustment lever





- **3** Fold the pedals on both sides.
 - ① While pulling the pedal folding lever...

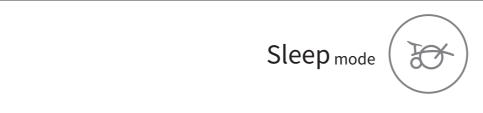


② ... fold the pedals.

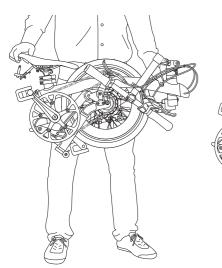


Folding (cont'd)

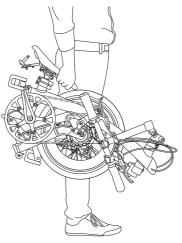




Recommended way to carry



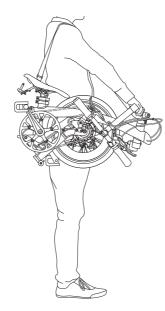
Hold the very front and very back of the folded iruka in both hands.



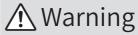
Hold tip of saddle



Hold the base of the stem.



Secure the front and back with the carry belt and hold.



O not carry the bicycle by the rear wheel when the bicycle is folded.

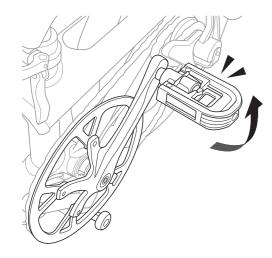
Doing so may lead to injury due to the rear wheel turning and trapping your fingers between the frame and the rear wheel. (iruka is sold with a wheel cover to prevent fingers going through the rear wheel)



Unfolding



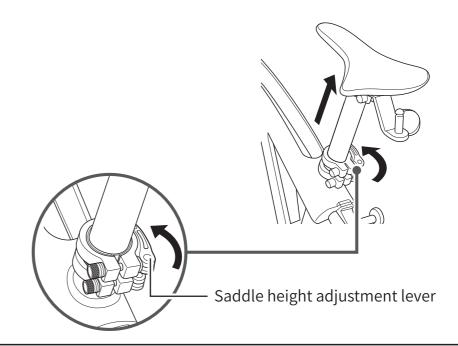
1 Unfold the pedals on both sides.



Raise the pedals on both sides until you hear a clicking sound.

Check that the pedals are firmly locked in place.

Open the saddle height adjustment lever, adjust height, then close the saddle height adjustment lever.





Close the cam lever to the maximum extent where you are able to turn it on your own.

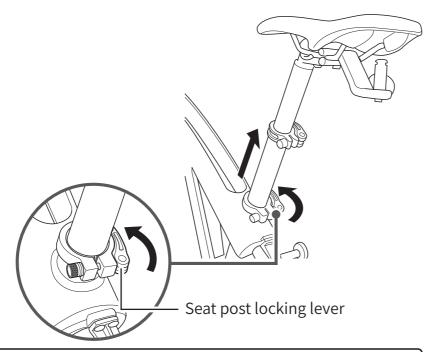
If it is not fully closed, it may loosen while the bicycle is in use and result in an accident. (As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)



Unfolding (cont'd)







Marning

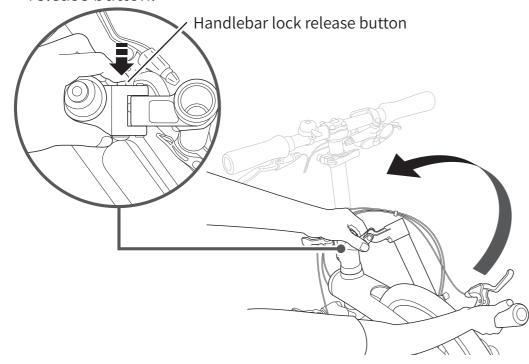
Close the cam lever to the maximum extent where you are able to turn it on your own.

If it is not fully closed, it may loosen while the bicycle is in use and result in an accident. (As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

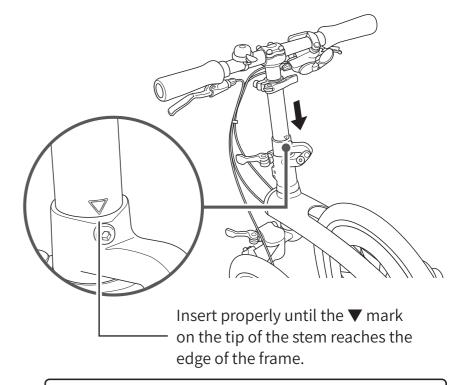
Unfolding (cont'd)



1 Lift up the handlebars while pressing the handlebar lock release button.



2 Insert the stem in the frame.





Be careful not to trap your hand when lifting up the handlebars.



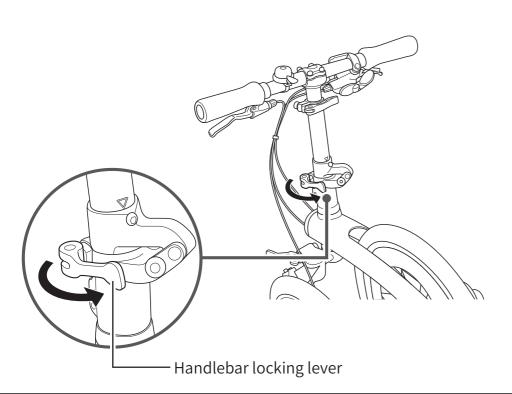
Properly insert the stem to the very bottom.

If inserted insufficiently, it may loosen while the bicycle is in use and result in an accident.

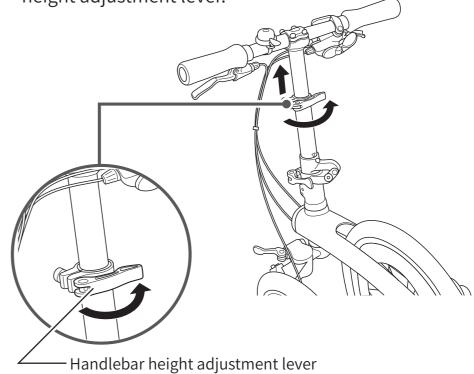
Unfolding (cont'd)



3 Close the handlebar locking lever.



Adjust the handlebar height and close the handlebar height adjustment lever.



Marning

Close the cam lever to the maximum extent where you are able to turn it on your own. If it is not fully closed, it may loosen while the bicycle is in use and result in an accident.

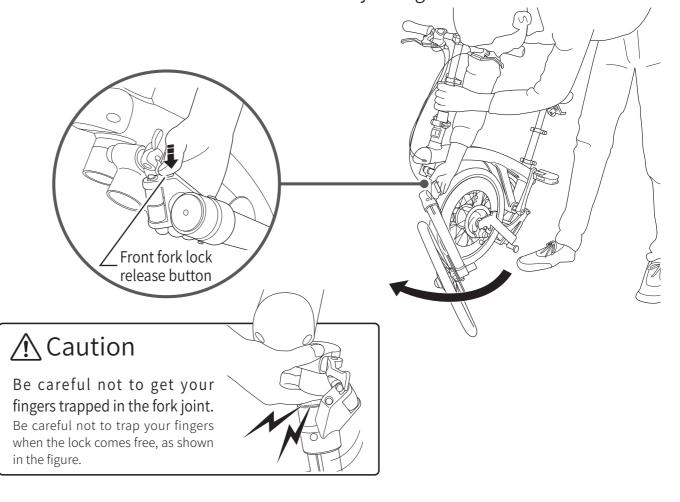
(As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

Unfolding (cont'd)



5 Pull the front and rear wheels apart from each other.

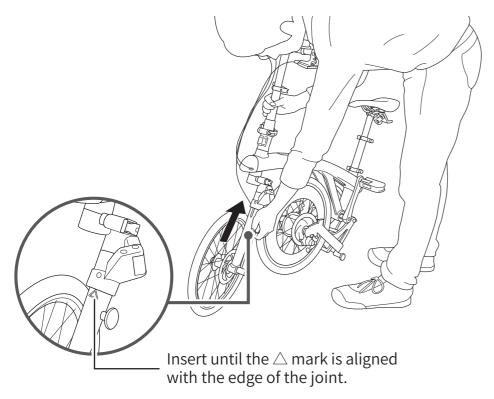
6 Hold the stem with your left hand, and turn the front wheel while pressing the front fork lock release button with your right hand.



Unfolding (cont'd)



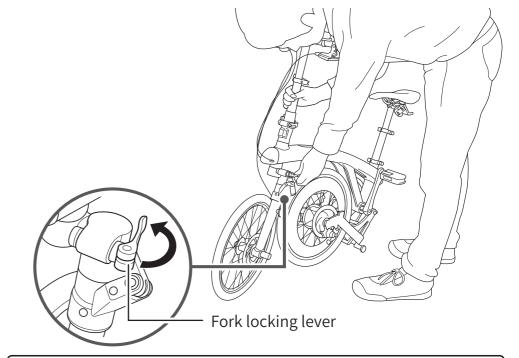
Insert the front fork to the very bottom while holding the fork knob.



Properly insert the fork to the very bottom.

If inserted insufficiently, it may loosen while the bicycle is in use and result in an accident.

8 Close the fork locking lever.



⚠ Warning

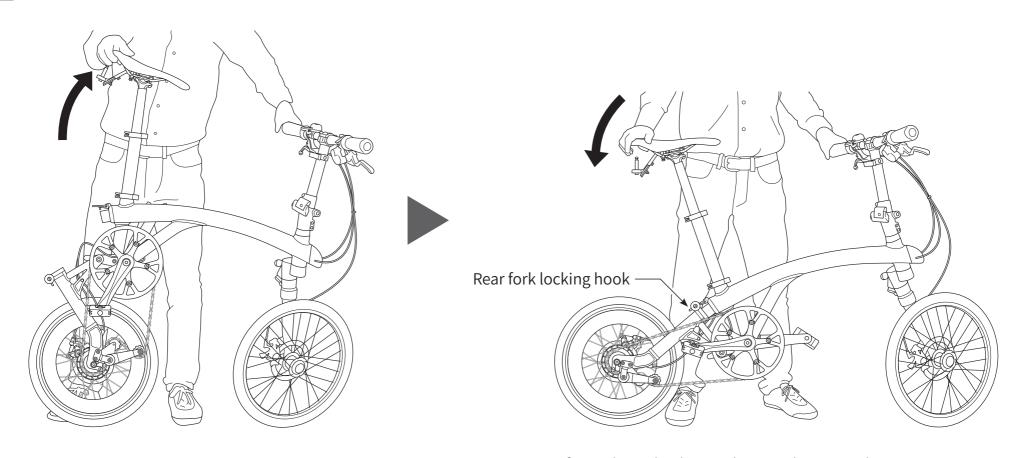
Close the cam lever to the maximum extent where you are able to turn it on your own.

If it is not fully closed, it may loosen while the bicycle is in use and result in an accident. (As an approximate, you must close the lever to a point where it leaves an imprint on the palm of your hand)

Unfolding (cont'd)



1 Lift up the saddle and rotate the rear wheel towards the rear until the rear fork locking hook fits into place.

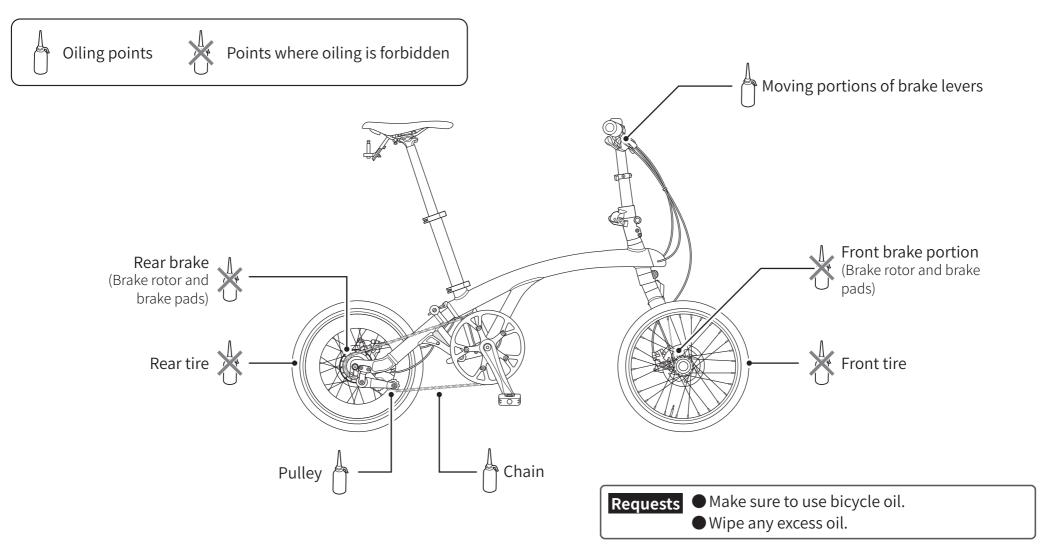


Before riding, check to make sure there is no looseness or wobbliness anywhere on the bicycle.

Maintenance, Storage and Disposal

Oiling

iruka should be oiled regularly in the below locations.

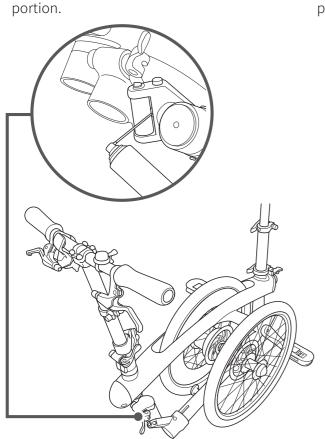


Maintenance, Storage and Disposal (cont'd)

Greasing

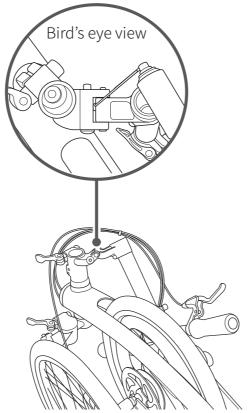
If buttons or levers stop working well, apply grease such as spray type to the below points.

Front fork lock release button Apply grease to the ball of the sliding



Handlebar lock release button

Apply grease to the ball of the sliding portion.

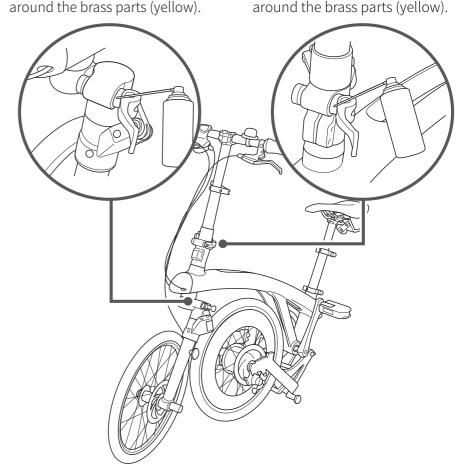


Fork locking lever

Open the lever and apply grease around the brass parts (yellow).

Handlebar locking lever

Open the lever and apply grease around the brass parts (yellow).



Maintenance, Storage and Disposal (cont'd)

Regular care

- If the bicycle is dirty, please wipe it with a soft, damp cloth that has been well wrung out.
- When the bicycle is quite dirty, wipe it with a cloth soaked in a neutral detergent, then wipe it with a dry cloth.

Request

 Please do not use abrasive-type cleanser, thinner, benzine, alcohol, polishing powder, wire wool, etc.
 Doing so could result in scratches or discoloration.

Regular inspections

Please have your bicycle inspected at the retail store of purchase within two months of starting to use it.

Storage

Please store in the below conditions.

- Well-ventilated, moisture-free
- Flat, stable ground
- Not exposed to direct sunlight, rain or dew If exposed to the rain, the bicycle may rust so please avoid such environments where possible.

Disposal

When disposing of the bicycle, please do so in accordance with the local government's instructions.

MEMO

MEMO

Warranty

Product name	iruka
	Date of purchase
Warranty period	
	1 year from date of purchase on theday of, (day/month/year)
	Retailer name:
Retailer	
	Address:
	Phone number:

Terms of warranty

If this product malfunctions while being used correctly within the warranty period, we will repair or replace the defective parts for free for one year from the purchase date. However, consumable parts and accessories are excluded from the warranty scope.

- Repairs will incur a fee even within the warranty period in the following types of situations.
- 1. If this warranty is not presented.
- 2. If the required information has not been entered on this warranty, there is no indication of the retail store of purchase or date of purchase, or if the words/phrases have been written over.
- 3. Malfunctions and damage during transportation, etc. after purchase.
- 4. Malfunctions caused by natural disasters or public nuisances such as fire, earthquake, floods or lightning strikes.
- 5. Damage due to carelessness by the customer or malfunction due to inappropriate repairs, disassembly, or modifications by the customer.
- 6. Malfunctions or degradation due to use not complying to the cautionary items.
- 7. If the cause of the malfunction is something other than this product.
- 8. Replacement of consumable parts.
- To request repairs, please physically take this warranty to the retail store of purchase. If you have no option but to send by post, please pay for the postage yourself.
- This warranty will not be reissued, so please store carefully and take care not to lose it.
- This warranty is valid only in Japan.
- Customer personal information provided on this warranty will only be used for repairs and delivery of replacement parts. It will not be used for any other purpose or provided to third parties.