



NIXEYCLLES

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### Caution:

**Before Riding** attach pedals and align the handlebars correctly with the forks, adjust the seat height, and tighten in accordance with the instructions in the manual.

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## Introduction

Congratulations on your purchase of a NIXEYCLES bicycle!

**We know you're excited, but before riding, please take your time to read through this manual.**

Thank you for choosing to ride in style with a NIXEYCLES bicycle.

## Section 1 - Safety First

Like any sport, cycling involves a risk of injury and damage. By choosing to ride a bicycle, you assume the responsibility for that risk, so you need to know - and practice - the rules of safe and responsible riding and the proper use and maintenance. Proper use and maintenance of your bicycle reduces the risk of injury.

Because it is impossible to anticipate every situation or condition which riding can occur, this manual provides information about the safe use of the bicycle under general conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and are the sole responsibility of the rider.

### 1.1 General Precautions:

**It is the rider's responsibility to familiarise themselves with the laws of the area in which they ride and comply with the applicable laws.**

1.1.1. Always wear a cycling helmet which meets the latest certification standards. Ensure that you choose the correct helmet for the type of riding and the correct size and fit of the helmet.

**Most bicycle-related head injuries may be avoided if the rider had worn the appropriate helmet.**

1.1.2. Look out for "Toe Overlap" - When riding at a slow speed, if the handle bar is turned, do not pedal. It may be possible that your toe/foot may come into contact with the rear of the front wheel. This does not occur during normal riding speeds.

1.1.3. You are sharing the road and paths with the fellow riders, motorists and pedestrians. Respect their rights.

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- 1.1.4. Do not ride with headphones/earphones, they can mask sounds and emergency sirens and may also distract you from riding safely. The wires may also tangle with the moving parts of the bicycle.
  - 1.1.5. Stop at red lights and stop signs; when moving off look both ways and watch out for motor vehicles. If a collision occurs between a bicycle and a motor vehicle, unfortunately the bicycle will lose.
  - 1.1.6. Never carry or wear anything which can affect your vision or control of the bicycle.
  - 1.1.7. Do not hitch a ride by holding on to other vehicles.
  - 1.1.8. Do not weave through traffic or make any sudden, unpredictable moves which may surprise people/motorists (who are sharing the road with you). This gives little time for others to react to your movement.
  - 1.1.9. If needed, use you horn or bell to avoid a collision.
  - 1.1.10. If you are under the influence of drugs, alcohol or fatigued, do not ride your bicycle.

## 1.2 Wet Weather Riding

Wet weather may impede your visibility, traction and braking ability. Under wet conditions, the stopping distance of your bicycle is increased as tyres will not grip as well.

This in turn makes riding much trickier. Ensure that you can slow down and stop in the wet by riding slower and applying the brakes earlier.

## 1.3 Riding At Night

At night (and during sunset/sunrise) visibility is reduced. Please consider the following:

- Use of the reflectors
- Wearing bright/reflective clothing
- The use of head/tail lights

## Section 2 - Assembly Instructions:

**NIXEYCLES comes flat packed and some assembly is required to get going.**

NOTE: If in any doubt of assembling the bicycle, visit your local bicycle shop and have an experienced bicycle mechanic assemble the bicycle for you. If the bicycle has been assembled incorrectly, it may cause damage to the bicycle and possibly cause/result in an accident.

**Please follow each step carefully.**

**It is recommended to remove the protective wrapping after the bicycle has been assembled to ensure that tools do not accidentally scratch the paint.**

### 2.1 Tools Required

**Items in *italics* are included**

*Spanner (14/15mm)*

*Spanner (10mm)*

*Allen keys (3mm, 4mm, 5mm, 6mm)*

Grease (suitable for metals)

Phillips head screw driver

Tyre pump

Oil (suitable for bicycles)

• **Please refer to page 18 of the manual**

### 2.2 Attaching The Front Wheels

**2.2.1.** Turn the front fork so that it is facing forward (i.e. the front calliper is at the front).

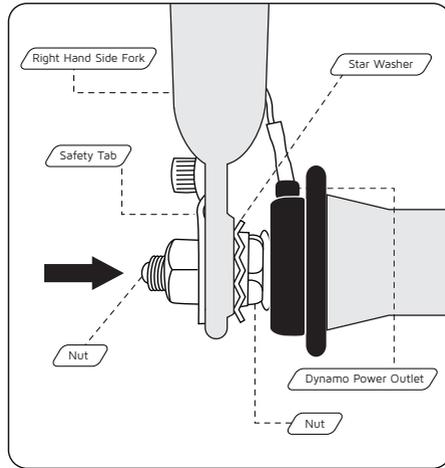
**2.2.2.** Remove the plastic clip wedged below the front fork.

**2.2.3.** Remove screws and washer from the front wheel.

**2.2.4.** Attach front wheel to front fork and tighten nut with 14/15mm spanner.

• **When attaching the front wheel, ensure that the socket for the dynamo is positioned on the front right hand side of the front fork and is facing upwards, ready for the wire to connect to the light.**

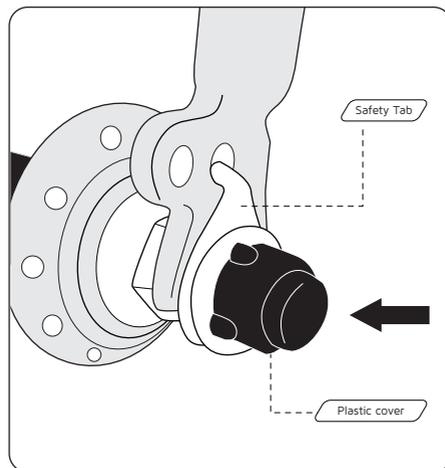
• **When attaching ensure that the safety tab is nested inside the eyelet.**



**Notes:**

- The star washer is to be used on the right hand fork (where the power outlet is).
- Models without the dynamo does not come with a star washer.
- Ensure to tighten both nuts, one on the inside as well as outside.

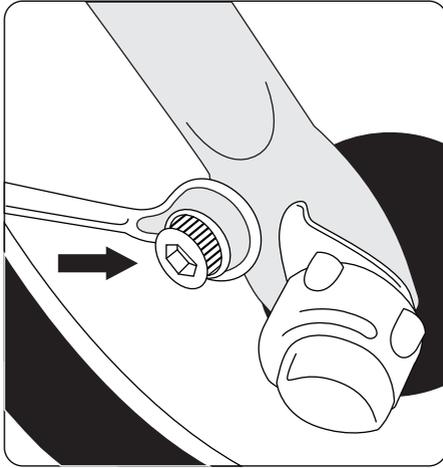
**2.2.5. Insert plastic cover over to finish.**



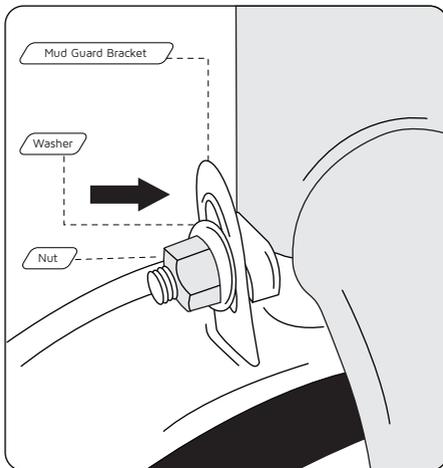
### 2.3 Attaching The Front Mud Guard

The front mud guard is fixed to 3 positions on the bicycle, the front fork (left/right) and the front brake calliper.

- 2.3.1. Attach the hanger to the left/right sides of the front fork. There is an eyelet for the attachment of the front mud guard. Place hanger in between the washer and the screw.

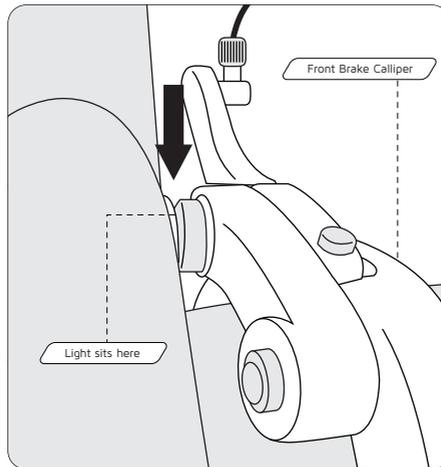


- 2.3.2. Attach the top mud guard hanger to the front brake calliper. The hanger should be placed behind the front brakes.



## 2.4 Attaching The Light (if applicable)

- 2.4.1. If your bicycle comes with a light, mount the light bracket between the front fork and the front brake calliper.
- 2.4.2. Run the wire around the stem and around the right hand side of the fork. Ensure that the wires do not interfere with the smooth operation of brakes, turning and gear shifters.
- 2.4.3. Tighten nut on the back of the front calliper to set.



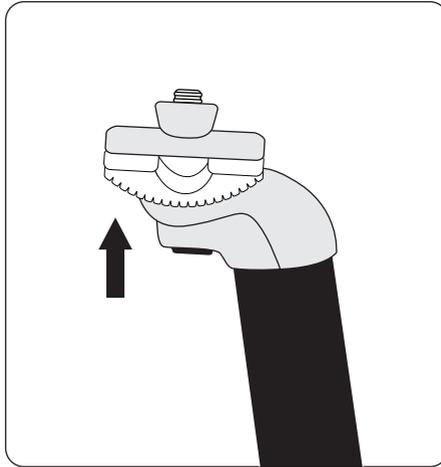
## 2.5 Attaching The Handle Bars

- 2.5.1. Attach the stem to the headset and apply grease around the stem.
- 2.5.2. Insert stem to the headset (to the desired riding height). The stem must be inserted above the minimum insertion mark.
- 2.5.3. Rotate the stem so that it is aligned with the frame of the bicycle.
- 2.5.4. Hold the stem in place (with friend to help or having front wheel placed firmly between your knees).
- 2.5.5. Fasten the stem by tightening with a 6mm Allen Key.
- 2.5.6. Rotate the handle bars to the desired angle and tighten with a 6mm Allen key.

## 2.6 Attaching The Seat

2.6.1. The seat post and saddle are attached in a clamp and secured by a bolt.

2.6.2. Assemble the seat as shown in the diagram.

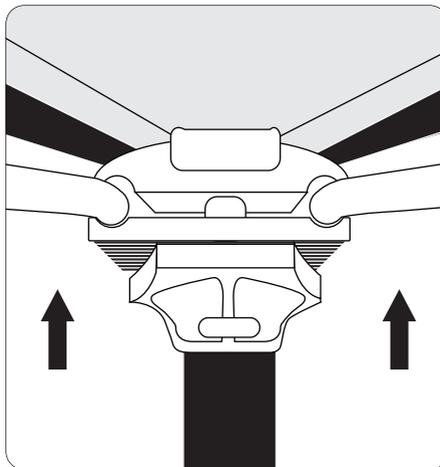


2.6.3. The seat can be adjusted forwards/backwards and tilted up and down.

2.6.4. Prior to tightening, ensure that the saddle is set to the desired position.

2.6.5. Lightly grease the seat post to ensure that the seat post does not get stuck to the frame in the future.

2.6.6. Fit the saddle and post into bicycle frame, turn collar into lock position. The post must be inserted above the minimum insertion mark.



**If the clamps do not fit into the saddle's two grooves,  
they will fit once tightened.**

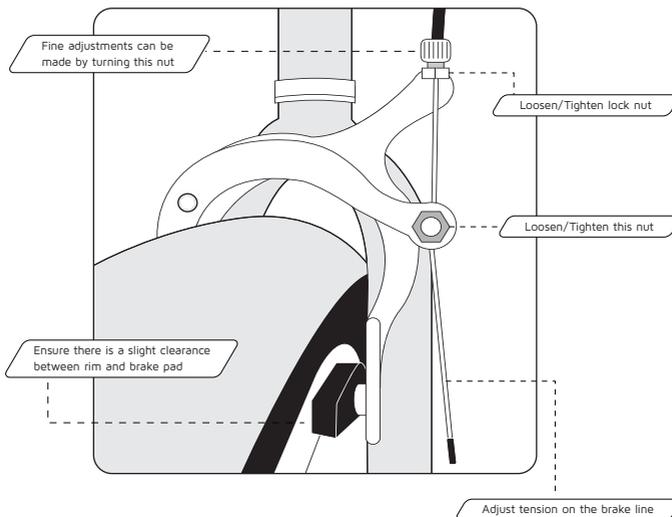
## 2.7 Attaching The Pedals

- 2.7.1. Pedals are marked R and L. The right pedal is attached to the right side of the bicycle and the left pedal is attached to the left side of the bicycle. (Referenced from the cyclist's point of view, when straddling the bicycle).
- 2.7.2. Grease the threaded end of the pedal.
- 2.7.3. Screw in the pedal to the crank (left pedal turns anti clockwise and right pedal clockwise).
- 2.7.4. Fasten with a 15mm spanner.

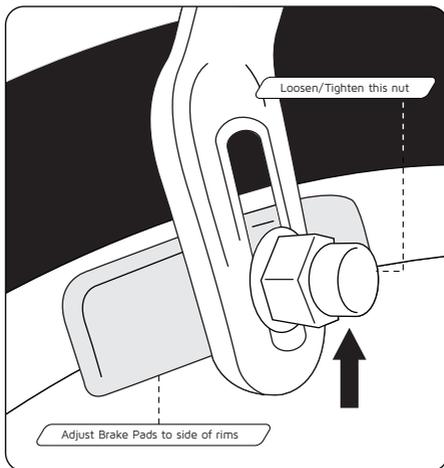
## 2.8 Adjusting The Brakes

- 2.8.1. Use your hands to squeeze the brake callipers so that the brake pads are just touching the rim. Using a 10mm spanner, loosen the nut (as shown on the diagram) and pull on the brake wire to adjust tension. Tighten nut to set position.

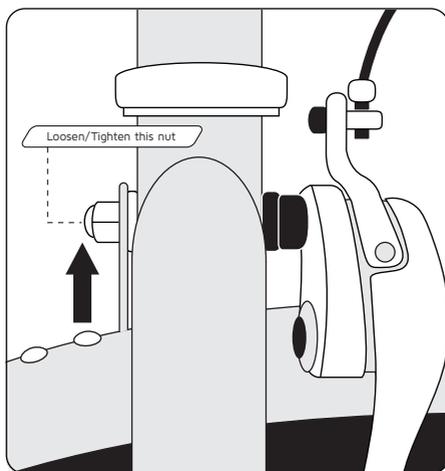
Fine adjustments can be made by turning the adjustment nut at the top. Loosen/Tighten the lock nut to ensure that the adjustment nut can be turned.



- 2.8.2.** Align the pads to the rims by unscrewing the nut and position the pads so that it "bites" to the side of the rim. Tighten nut to set to position.



- 2.8.3.** If the callipers are not centred, slightly loosen the calliper nut at the back of the calliper. Use your hands to centre the pads against the rims. Then tighten the calliper nut at the back.



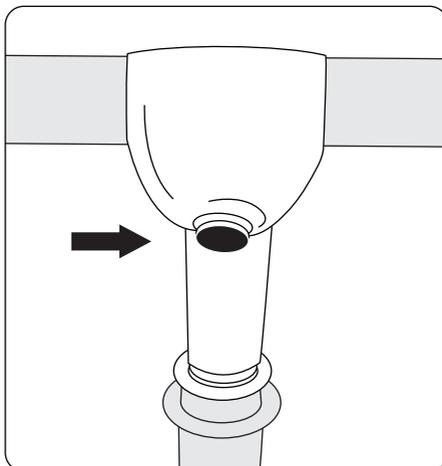
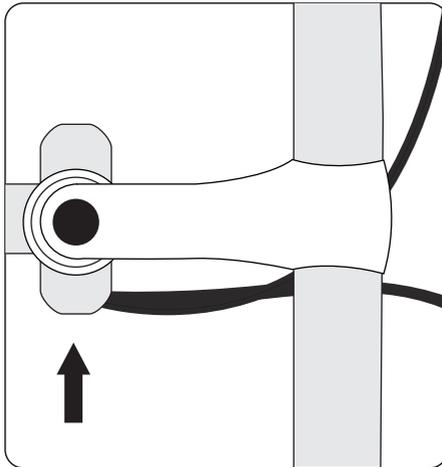
## 2.9 Installing The Bell And Front/Back Reflectors.

2.9.1. The bell and the front reflector (white) are to be installed on the handlebars.

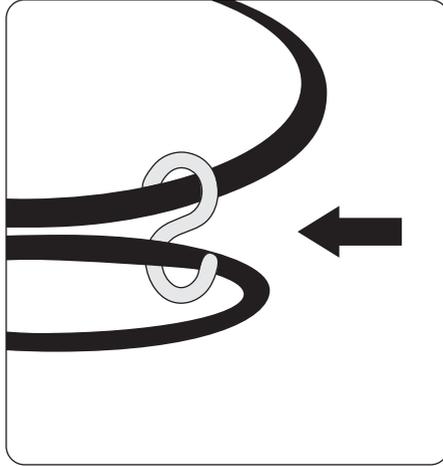
2.9.2. The back reflector (red) is to be installed on the rear of the seat post.

## 2.10 Finishing Off

2.10.1. Insert plastic covers on the stem screw and the handlebar screw.



- 2.10.2.** Place the "S" guide along the front brake lines and gear shifter lines and another along the rear brake and front brake lines to tidy up the lines.



- 2.10.3.** Tyres come pre-inflated to approximately 80% of the recommended pressure. For a smoother ride, ensure to inflate the tyres to the recommended pressure marked on the side wall of the tyre. We recommend to inflate tyres between 50-60 PSI.
- 2.10.4.** The chain comes pre-oiled. There is no need to apply additional oil unless the chain appears to be very dry.

## Section 3 - Preparing For Riding

### 3.1 Measuring And Adjusting The Bicycle To The Size Of The Rider.

#### 3.1a Standover Height

Standover height is the distance from the ground to the top of the bicycle's frame (top tube). To check for the correct standover height, straddle the bike frame between your legs while wearing the kind of shoes in which you will be riding in. You will need to be standing in front of the saddle and behind the handle bars. Bounce on your heels, if your crouch touches the top tube, the bike may be too big for you.

### 3.1b Step Through Frame

Standover height does not apply to bicycles with step through frames. Instead, the limiting dimension is determined by saddle height range. You must be able to adjust your saddle position without exceeding the limits set by the height of the top of the seat tube and the "minimum insertion" mark on the post.

### 3.2 Adjustments - Saddle

The saddle can be adjusted up, down, forwards, backwards and angled nose up/down, or horizontal.

Refer to "**Attaching The Seat**" for instructions on adjustment.

### 3.3 Adjustments - Handlebar

The handle bar may also be adjusted up/down and angled high/low.

Refer to "**Attaching The Handle Bars**" of the assembly instructions.

### 3.4 Tyre pressure and conversion table.

Tyre pressure values are found on the side of the tyres. We recommend inflating the tyres between **50-60PSI**.

PSI	kPa	BAR	PSI	kPa	BAR	PSI	kPa	BAR
20	138	1.38	40	276	2.76	60	414	4.14
21	145	1.45	41	283	2.83	61	421	4.21
22	152	1.52	42	290	2.90	62	427	4.27
23	159	1.59	43	296	2.96	63	434	4.34
24	165	1.65	44	303	3.03	64	441	4.41
25	172	1.72	45	310	3.10	65	448	4.48
26	179	1.79	46	317	3.17	66	455	4.55
27	186	1.86	47	324	3.24	67	462	4.62
28	193	1.93	48	331	3.31	68	469	4.69
29	200	2.00	49	338	3.38	69	476	4.76
30	207	2.07	50	345	3.45	70	483	4.83
31	214	2.14	51	352	3.52	71	490	4.90
32	221	2.21	52	359	3.59	72	496	4.96
33	228	2.28	53	365	3.65	73	503	5.03
34	234	2.34	54	372	3.72	74	510	5.10
35	241	2.41	55	379	3.79	75	517	5.17
36	248	2.48	56	386	3.86	76	524	5.24
37	255	2.55	57	393	3.93	77	531	5.31
38	262	2.62	58	400	4.00	78	538	5.38
39	269	2.69	59	407	4.07	79	545	5.45

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## Section 4 - Good Riding Techniques

### 4.1 Braking

Always keep a safe distance in front of you. Adjust stopping distance and braking forces to suit your riding conditions.

If your bicycle has two hand brakes, apply both brakes at the same time. This action spreads the braking force over two brakes.

Overuse or misuse of the front brake can cause the rear of the bicycle to lift from the ground or the front wheel to slip out from under you.

### 4.2 Shifting Gears

If your bicycle comes with gears, you may adjust the gears to match the terrain in which you are riding on.

Typically, the lower the gear (larger mechanical advantage) requires the rider to pedal at a faster cadence, whilst the higher gear provides a higher speed of the given cadence but requires the rider to exert greater force.

The cadence is the rate at which you pedal (revolutions per minute at the crank).

The gears may be changed on by the controller on the handle bars. The display window on the controller tells which gear it is in.

### 4.3 Expecting The Unexpected

When riding, (especially in urban areas) you may encounter unexpected hazards which may lead to a potential collision. In some circumstances, an experienced rider may take action to reduce the risk of collision by being able to anticipate it.

**Such events may include (but not limited to):**

- Vehicles turning
- Vehicles slowing down
- Vehicles entering in front of you
- Vehicles coming up from behind you
- Parked cars opening their doors
- Pedestrians stepping out
- Children or pets playing by the side of the road
- Objects such as pot holes, sewer grates, debris

#### 4.4 Riding Defensively

Assume that others' can not see you. **SMIDSY - (Sorry Mate, I Didn't See You)**

Be aware of inexperienced motorists out on the roads.

To reduce the likely hood of a collision;

- Do not assume that others are aware of you on your bicycle
- Learn to recognise and stay out of each vehicle's blind spots
- If you cannot see the other vehicle's driver/rider in the mirror, they cannot see you as well
- Do not weave between lanes in moving traffic
- Use your bell/horn/voice if necessary

## Section 5 - Bicycle Care

### 5.1 Parking Your Bicycle Safely

Unfortunately there are always thieves out there, remember to use a lock when you leave your bike unattended. Also, when parking, remember to park your bicycle out of the way and make sure it can not fall over or interfere with others.

### 5.2 Storing Your Bicycle Carefully

When storing your bike for an extended period of time, store it away from the elements, which can shorten the lifespan of the bicycle. If possible, hang the bicycle off the ground (reducing stress on the tyres).

Avoid leaving your bicycle outside, keep away from rain, humidity or salty air.

Areas near the sea have high salt content which exacerbates rusting, applying a silicone based lubricant/WD40 to prolong the longevity of the bicycle is recommended.

### 5.3 Keeping Your Bicycle Clean

A clean bicycle prolongs the paint and various components of the bicycle. If cleaning is needed, use a soft damp cloth/sponge and car wash detergent. The use of harsh industrial solvents may damage the paint. Keep in mind that when cleaning the rims, do not use solvents or oils as they may interfere with the braking efficiency.

### 5.4 Lubrication - Chain/Brakes

It is recommended you regularly lubricate your bicycle to prevent against wear and tear. The bicycle chain should be lubricated at least once every 2 months (or so dependent on frequency of use). Apply a light coat of bicycle chain lubricant along the chain and wipe off excess oil with a rag. Ensure that the chain is clean before applying lubrication – dirty, abrasive particles may wash into the rollers.

If your bicycle has an enclosed chain guard, there is no need to lubricate/maintain the chain as often.

Brake callipers, levers and cables should also be lightly lubricated, however, keep the lubricant away from the brake pads. Apply at least once every 4 months (or so dependent on frequency of use).

### 5.5 Chain Tension And Adjustment

The chain can be tensioned by moving the rear sprocket along the rear forks. Typically allow approximately **10mm** of movement of the chain up and down at a point between the front and the rear sprockets. If your chain needs adjusting, loosen the nuts at the rear and move the hub along the forks, tighten accordingly.

### 5.6 Brake Pads Replacement

The brake pads on bicycles are a consumable item, and over time they will need replacement.

To replace brake pads, loosen the bolt which adjusts the pad position on the rim. Replace the brake pad, fit into the correct position and then tighten.

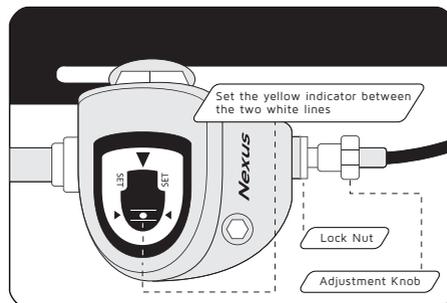
Freely spin the wheel, ensure that when brakes are applied they are capable of stopping the wheels.

### 5.7 Gear Shifter Adjustment

The Shimano Nexus 3 speed does not require much maintenance as it is encased in a sealed unit. However if there are problems in changing gears, the gear shift system can be adjusted.

To adjust, select the middle gear (2nd gear) on the controller then loosen the lock nut on the gear, and turn the adjustment knob.

Ensure that the yellow indicator is positioned between the two white lines on the display window. Remember to re-tighten lock nut to set.



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## 5.8 Seat Pillar Quick Release

The seat pillar quick release can be adjusted by loosening the clamp and tightening the clamp. Further adjustments can be made by tightening/loosening the bolt that the clamp is connected to.

Ensure that the seat is secure by attempting to turn/move the seat and the seat post in the frame. If not, further tighten the bolt.

## 5.9 Handlebar Hand Grips

The handlebar grips or tube end plugs should be replaced if damaged. Bare tube ends have been known to cause injury. It is particularly important that bicycles used by children should be regularly checked to ensure adequate protection of the handlebar ends are in place.

## 5.10 Lights And Reflectors

Make sure the lights are functioning correctly (if applicable) and that the reflectors are clean and in position.

# Section 6 - Repair

## 6.1 Repair And Service Information

It is recommended that the assembly, adjustments and maintenance of the bicycle is carried out by an individual who is competent with basic mechanical experience. Otherwise, please have a skilled bicycle mechanic to carry out the task.

# Section 7 - Warranty

## 7.1 Warranty Information

**NIXEYCLES offers a 12 months warranty on our bikes. We warrant the bicycles against defects in materials and workmanship.**

If a defect exists, we will replace or repair (at our discretion) any part that proves to be defective, without charge.

Consumable items are not covered, e.g. brake pads, tyres and other items prone to wear and tear. Damage resulting from misuse, abuse, collisions, incorrect assembly, installation of incompatible parts or irregular maintenance are not covered. Damage resulting from corrosion or rust is not covered. In the event of faulty part(s) we require that the parts be sent back to us. The buyer will be responsible for the shipping costs back to us, however we will be responsible for the postage costs in sending the parts back to the buyer.

## Section 8 - Tools and Equipment

### 8.1 Tools Included



Tool Case



Multi Spanner



Allen Keys  
(3mm, 4mm, 5mm, 6mm)



Owners Manual

### 8.2 Required Bicycle Tools



Tyre Pump



Phillips Head Screw Driver



Oil (suitable for bikes)



Grease (suitable for metals)



NIXEYCLES

OWNERS MANUAL