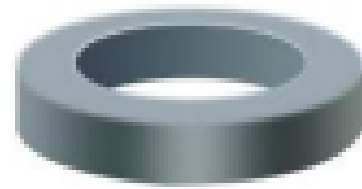# Smartfit eBike Conversion Kit
Installation Manual

bikekits.co.uk

Accessories

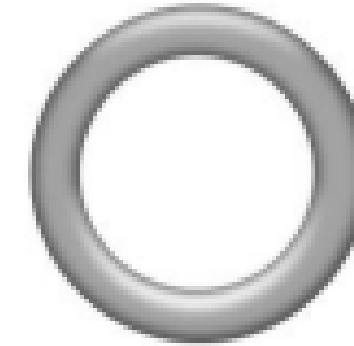

Lock nut*2

Thick spacer*1

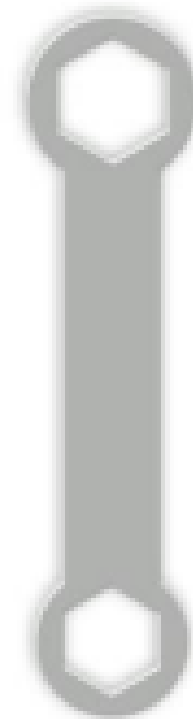Spring washer*2

Thin spacer*6

Lock washer*2

Wrench*1

Bottle battery
and
battery holder

Charger*1

Measurements

Min fork width requirement: 10 cm (±0.1 cm)

Min slot width of the forkends: 1 cm (±0.1 cm)

1CM

10CM

If you have disc brakes, the disc must be on the left side of the bike, so that the cable of the motor must come out from the right.

If you have V brakes, just make sure that the cable comes out from the right.
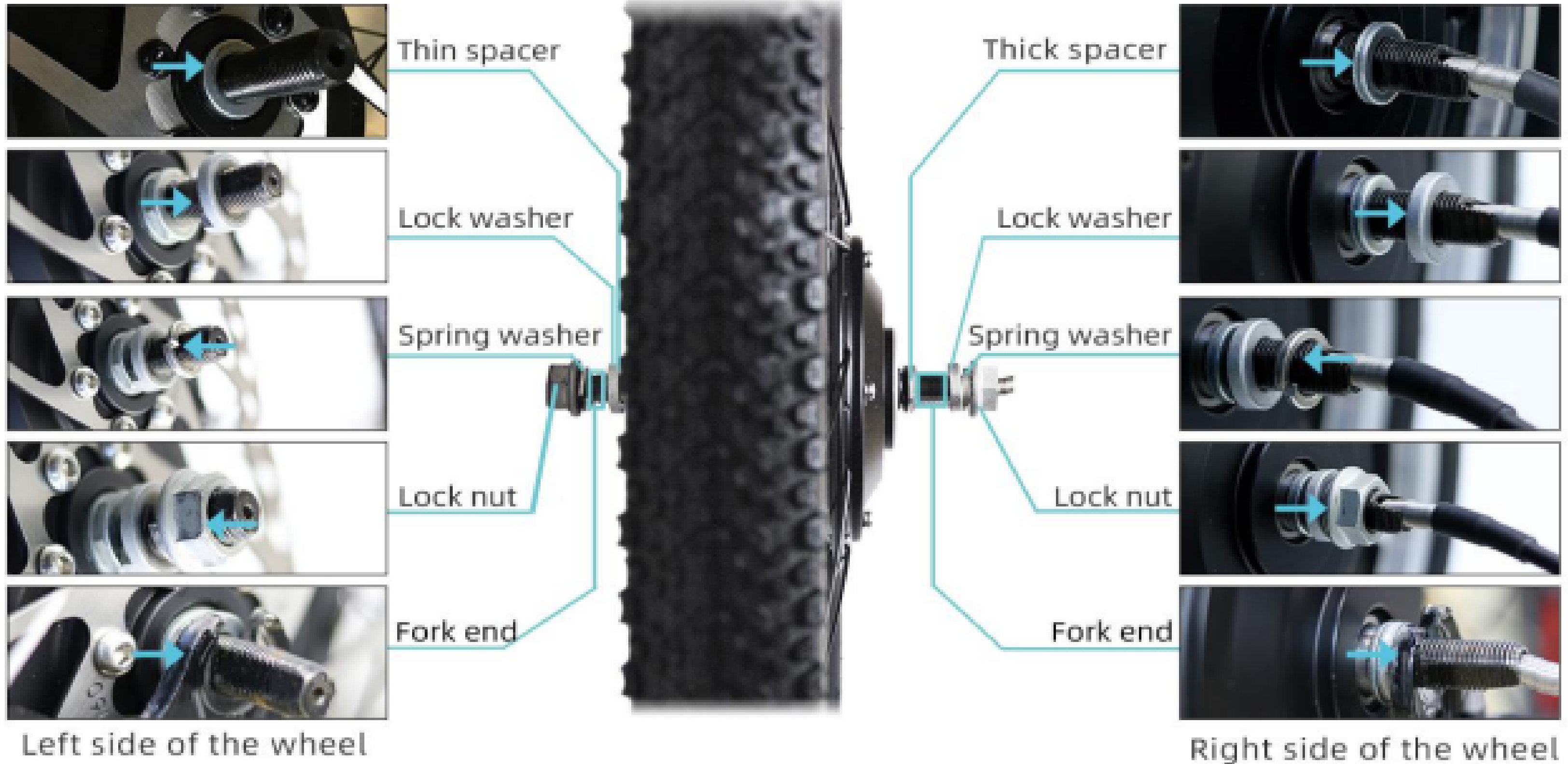
Installation

Lock nuts, spring washers and lock washers are required. Thin and thick spacers are optional.
Lock washers must engage fully within the fork ends.

Lock nut

Spring washer

Lock washer

Fork end

Thin spacer

Thick spacer

Fork end

Lock washer

Spring washer

Lock nut

Installation

Left side of the wheel

- Thin spacer
- Lock washer
- Spring washer
- Lock nut
- Fork end

Right side of the wheel

- Thick spacer
- Lock washer
- Spring washer
- Lock nut
- Fork end

Installation

Tighten the lock nuts

Tighten the two nuts on both sides of the wheel.

If there is a groove on the fork end, use a spring washer to make it flat to avoid the tightened nut pressing on and eventually breaking the fork end.

There must be a spring washer between the fork end and the lock nut to avoid breaking the fork end by tightening the lock nut.

Spring washer
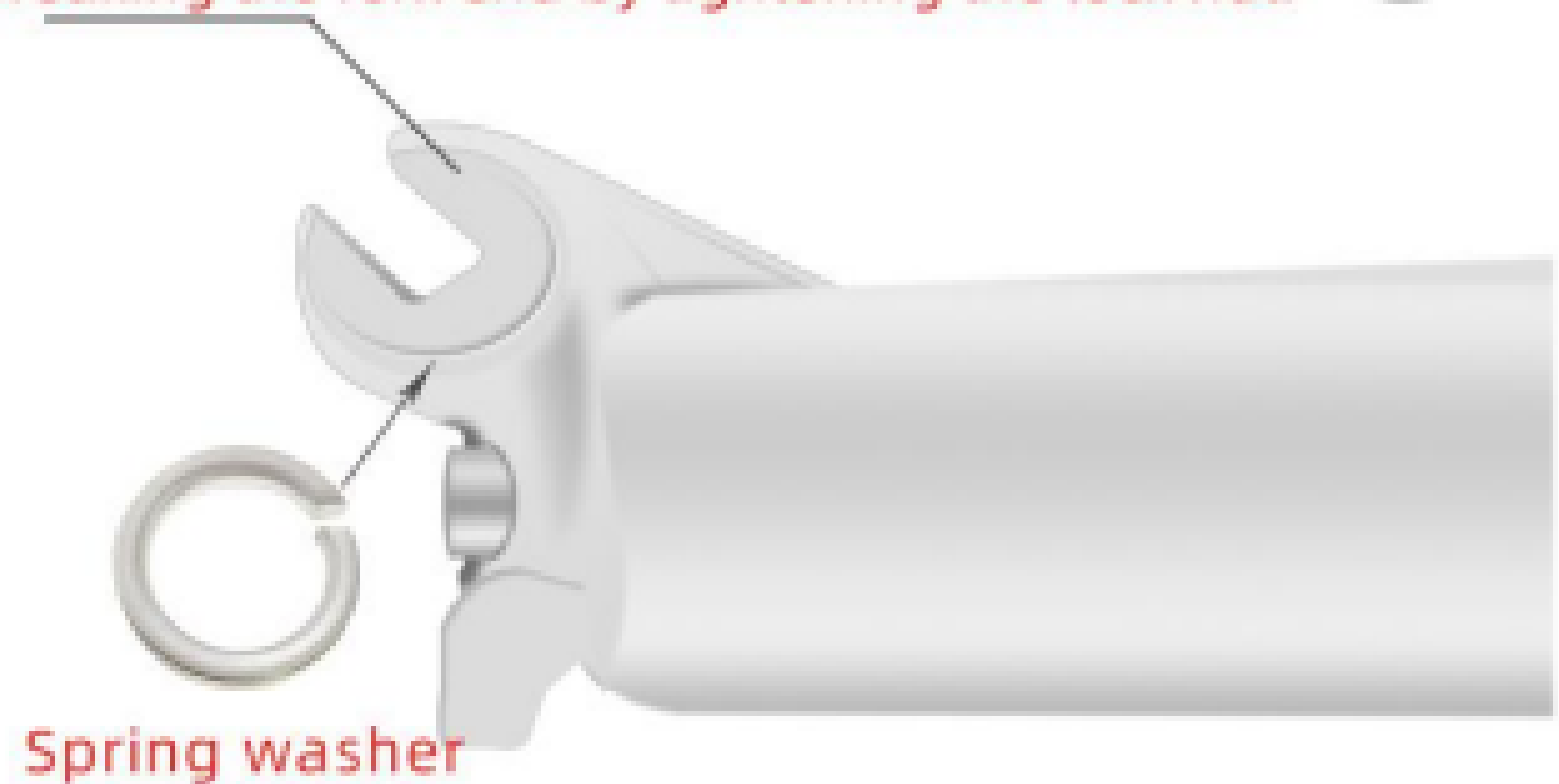
Installation

Adjust the disc brake

Loosen this bolt to adjust the space of the brake linings

Loosen these 2 bolts to adjust the position of the calliper

Installation

The notch points to the handlebar

Align the arrows on the connectors and connect

Note: The connectors must be connected tightly, otherwise it will cause fault and the assist will be not stable.

Installation

01 Find the 2 holes on the down tube to assemble the bracket of the bottle

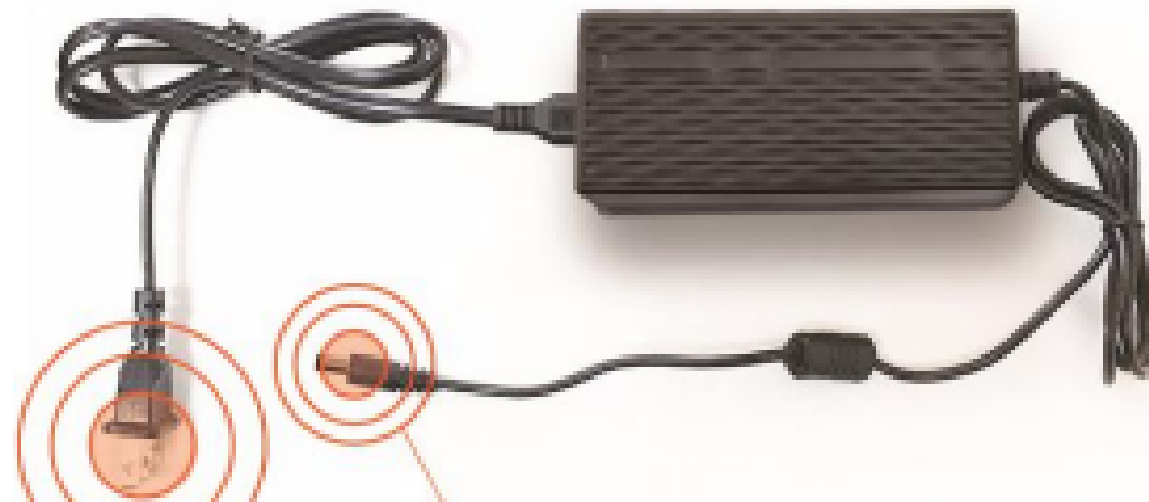02 Mount the bottle battery seat to the down tube

03 Put the bottle battery into the seat and lock it

Installation

- Red light indicates that it is charging
- Green light indicates that the battery is fully charged

Switch

Charge Port
AC100V-220V, DC42V 2A

USB Port
Connect the USB cable to charge the phone directly

AC Plug
110V-240V AC

DC Pin
Connect to the charge port of the battery

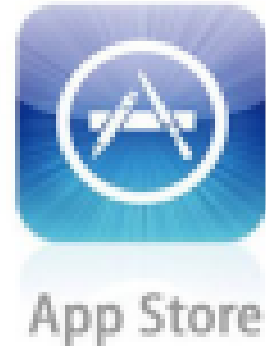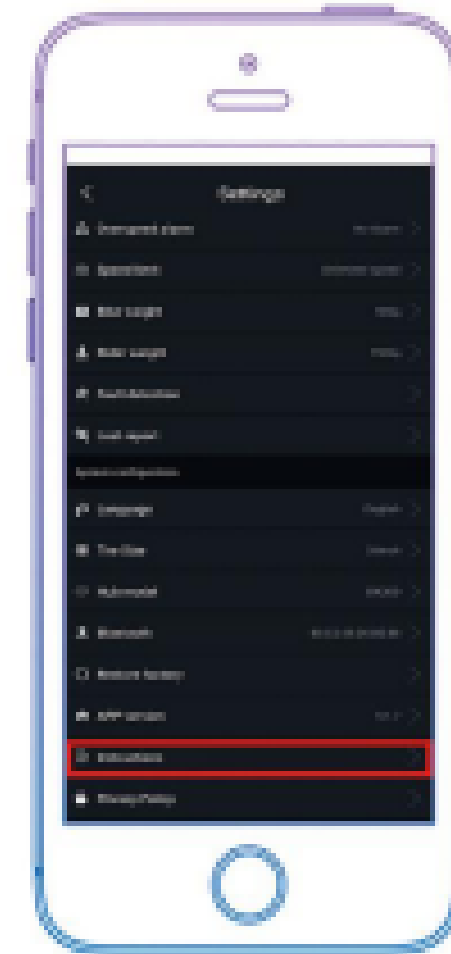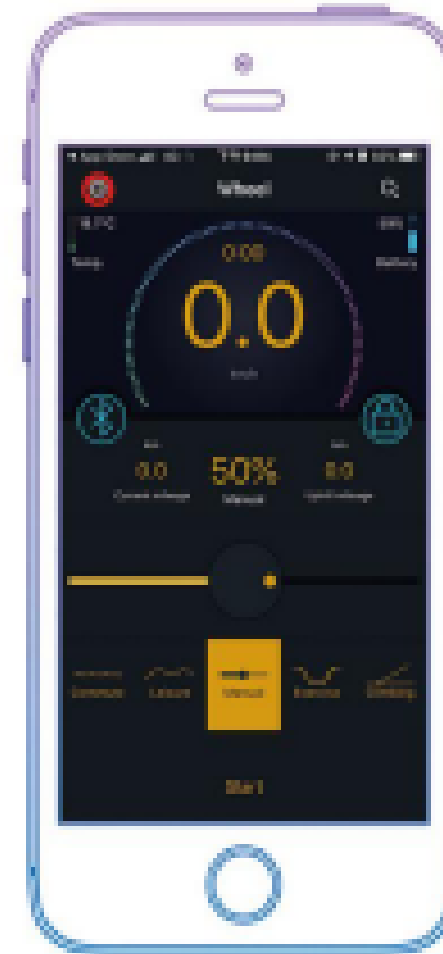⚠ Warning: when charging, connect to DC first, then AC

App Controller

1   Scan the QR code or search "Wepower" in APP store or Google play to download the APP.

Wepower

2   Set the parameters according to the "APP Instruction" in the APP.

Tap the "gear" icon on the left top of the APP to entry the setting page, and you can find the "APP Instruction" in the setting page.

You can ride easily after setting the parameters.

Safety Notices

- Obey all UK bike and e-bike laws when riding on UK roads.
- Always wear a cycling helmet, gloves, elbow and knee pads and any other relevant safety gear.
- Calibrate your gyroscope within the app before riding.
- Calibrate your body weight and bike weight within the app before riding.
- Check your brakes before riding.
- Do not ride in the rain.
- Do not leave your bike in the rain or in direct sunshine.
- Always protect humans from hurt.
- Always ride safely and according to local conditions.
- Do not ride after drinking alcohol or after taking drugs.