



Dealer PDI Check List* - Pre-Delivery Inspection

Packaging

Powabykes are well packaged to prevent transport damage. Typically a bike will be delivered in three master cartons, bike frame, front motor wheel and battery. During transport a number of items are removed from the bike e.g. The seat, front wheel, mudguards, handlebars, pedals and battery.

IMPORTANT Safety Notice

It is imperative the your new Powabyke or Powatryke is assembled and adjusted for use by a qualified & authorised Powabyke dealer only. Failure to comply with this stipulation may put your safety at risk and void the warranty. Please consult with your dealer to ensure you have an adequate and legal lighting system for your bike, and we would strongly recommend that you wear a bicycle helmet. **Remember to post your warranty card.**

The following items form part of the PDI procedure. This must be carried out by the supplying dealer.

Battery & Charger Unit

The battery is a sealed unit and the casing should be checked to ensure it is free from physical defect or damage.

The battery fuse holder should be checked to ensure that a correctly rated (20AMP) fuse is present and working.

The key lock should be checked to ensure the correct key, barrel movement, locking position & key removal can be obtained.

Examine and check that the charger unit is free from physical defect and damage and is fitted with a UK plug and a 13amp fuse.

Place the new battery on the bike and attach the charger unit. Ensure that charging begins and that the charger LED turns red. Place a known fully charged battery on the bike and ensure the charger unit turns yellow/green within a few minutes.

Brakes

The brake levers should be checked to ensure free movement and return along with the correct seating of brake cable within the lever.

Brake cables should be checked to ensure free movement to the calliper, that they are free from damage and that the cable locking nut on the calliper is secure. Any excess cable should be tied or cut to a sensible length and capped.

Locate and check brake blocks, ensure that they are correctly positioned to make contact with the wheel rim and that the retaining nuts are secure.

Ensure that the front and rear brake callipers are correctly centred and that the movement is smooth and effective in gripping the wheel rim, hub in the case of the rear wheel.

Brake & Electric Cables

Check to ensure that all cables are correctly routed, free from chaffing or snagging and cable tied to the frame or handlebars as appropriate.

Chain, Chain Guard & Sprocket

Check to ensure that the chain is correctly tensioned between the front & rear sprockets and free from physical defect & rust.

Where a speed gear sprocket is fitted. Ensure that the chain and gear selector assembly moves freely and correctly through the gear selections and that the gear selection mechanism is securely fixed to the handlebars.

Check to ensure that the chain guard is free from physical defect or damage, that the guard is correctly positioned and that the retaining nuts are secure.

Electric Motor

The front hub motor should not need any specific examination, however upon completion of all checks and assembly of the bike, the motor should be tested as part of the final road test.

All electric connectors and retaining nuts on the assembly and cable feeds should be checked to ensure that they are free from physical defect or damage and that they are correctly positioned and tight.

Frame

The frame should be carefully examined to ensure it is free from damage or defect.

All frame joints and frame mounted bearings should be inspected to ensure that they are free from physical defect or damage and operate smoothly.



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Bike Serial No:

Bike Type:

Colour:

IMPORTANT Operational Information

The battery should be placed on an initial charge of 8 hours, during which the charger unit should change from red to green.

Handlebars

The stem will be loose, the handlebars will have turned level with the frame for the purposes of transport. The handlebars should therefore be straightened to the correct position and the stem tightened.

The handlebars should be examined to check that they are free from physical defect or damage.

Both brake levers should be checked to ensure they are free from physical defect or damage, that the retaining nut is tight and that they are correctly positioned.

Check that the mudguards are firmly attached to the bodywork and that all supports are in place and tight.

The pedals (left & right specific) are removed during transit, therefore they need to be located and secured to the pedal stems of the bike.

Throttle

The throttle mechanism should be checked to ensure it is free from physical damage or defect and that the assembly is securely fastened to the handlebars.

Check to ensure that the throttle control fully opens and closes smoothly and without jamming.

The Final Road Test

Having performed all of the above tests and checks, the bike should be road tested to ensure the following operations;

That the throttle opens and closes correctly and the pick up with the motor is correct.

That the brakes efficiently stop the cycle.

Reflectors

Check to ensure that reflectors are both present and securely fastened to the front and rear wheels, at the front of the bike extending from the handlebar stem and at the rear of the bike on the mudguard.

Saddle

The saddle is sprung loaded and should be securely fixed to the frame. The saddle should be checked to ensure it is free from physical damage or defect.

Tyres

Check to ensure that the tyres are free from physical damage or defect and that the valves are correctly seated.

Check and inflate tyres to the correct pressure and ensure that dust caps are present on the valves.

Wheels

Inspect the wheel rims, bearings and spokes for physical damage or defect and that the wheel nuts, spoke nuts and bearings are tight.

Rotate both the front and rear wheel and ensure it is free from wobble or buckle and does not foul the brake blocks.

Dealer information

Date of inspection:

*Dealer Note: completed copy to be supplied to the customer following PDI

Notes/Other Information