

Maintenance and Care

WARNING

For reasons of safety, it is prohibited to carry out repairs and adjustments independently. Improper working on safety-related parts puts you at risk and other people. This applies in particular to work on: steering, braking and lighting.

DANGER

Before any work on the electrical system, disconnect the plug from the battery, even when replacing an incandescent lamp. Do not interfere with the electronics. In case of non-compliance, the guarantee claim expires.

Any work on the motor unit, the cable harness, the battery and the charger or their disassembly will void the warranty claims.

Please note the following:

- Have maintenance carried out during the warranty period and then without exception by a specialist dealer.
- Only use original spare parts. The various work is described in the maintenance plan.

H = from specialist dealer

F = driver

H = Maintenance by the dealer F = Test by the driver				
Work to be done	Before driving	Monthly	Yearly	If necessary
Check all bolts and nuts, which are important for driving safety and function, if necessary. Axle nut - steering bearing - handlebar - saddle - seatpost - brakes - pedal crank	F	F	H	F H
Clean chain and lubricate with chain spray. Check the rear wheel if necessary .		F	H	F H
Check the steering bearing.	F			F
Check steering bearing, adjust if necessary. Grease and adjust if necessary.			H	H
Check the cables.	F			
Check and adjust the cables.			H	H
Check the adjustment of the circuit, adjust if necessary.		F		F H
Grease the kick stand.			F H	F H
Check brake system for proper operation.	F			F
Maintenance by the dealer F = Test by the driver				
Work to be done	Before each commissioning	Monthly	Yearly	necessary
Brakes The dealer is responsible for poor braking or low brake pressure	F		H	H
Check the rims and spokes for side and vertical impact.	F	F		
Check the rims and spokes for side and vertical impact. Spoke tension			H	H
Check, adjust.	F	F		H F
Check tire pressure regularly.		F		H F
Check tire thickness.	F			H F
Check the lighting and signal system, including the headlight, adjust if necessary.	F			F
Charge the battery with the charger.				H

Wear parts list

Wear parts	Wear limit
Tires, tubes, rims	Depending on riding conditions, load and air pressure the wear limit can be reached 300 miles or earlier.
Wheels, spokes, hubs	Depending on riding conditions, load and air pressure, the wear limit can be reached at 600 miles or earlier. Oxidation is a lack of care!
Lighting, light bulbs, electrical system, control electronics	Depending on the road surface / road surface, the service life is reduced, this can happen after 300 miles.
Brake pads, rotors	Depending on driving conditions and load, these can be worn at 300 miles.
Shaft seals on motor, suspension fork and wheels	Depending on the pavement texture and care, wear is possible over 300 miles. Pollution reduces life. Control at every maintenance. Do not wash with the high pressure cleaner!
Wheel bearing, steering bearing	Depending on the pavement texture and care, wear is possible over 300 miles. Contamination of the wheel hub reduces the service life. Control at every maintenance. Do not wash with the high pressure cleaner!
Cables, cable connections, switches	Depending on care from 300 miles. Control at every maintenance.
Cleaning and lubrication of the chain	After 300 miles and every cleaning.
Pinions, chain wheels, chain guides	Depending on the pavement texture and care, wear is possible over 300 miles. Do not wash with the high pressure cleaner! Control at every maintenance.
Battery, fuse	Depending on the external temperature, a breakdown from the 6th month is to be expected, in the case of short-distance operation earlier.
Cable pulls, brake cables	Depending on use and care from the 6th month.
Freewheel sprocket	Depending on care from the 6th month.
Self-locking nuts, cotter pins, glued	At any maintenance or opening of the nut or fuse.
Screw connections, fuse plates	Depending on driving conditions and load, these can be worn at 300 miles.

WARRANTY CONDITIONS

We at Magnum Bikes offer a warranty of:

- 12 months on the frame and all electronic components including battery on the new product advertised with the guarantee promise. The period for the calculation of the warranty period begins with the date of the invoice. If material or manufacturing defects occur during this period, we offer as guarantor under the warranty one of the following services at our discretion:
- Free repair of the goods (repair time 1-4 weeks from receipt of goods) or
- Free exchange of the goods in whole or in part against an equivalent article (possibly also a successor model if the original product is no longer available). Any articles or parts which have been replaced are our property. Warranty claims are excluded in case of damage to the goods by:
 - Abusive or improper handling (eg operating errors, mechanical damage, incorrect operating voltage, faulty storage, improper connection, or faulty installations).
 - Excessive environmental influences (moisture, heat, overvoltage, dust, etc.)
 - Failure to observe any safety precautions.
 - Failure to observe the operating instructions and / or recommended maintenance intervals.
 - Use of force (eg impact, impact, fall)
 - Unauthorized repair attempts without our prior written consent or by a third party not authorized for the service or if the article is used for commercial purposes.
 - Defects due to normal wear and tear, unless we voluntarily provide goodwill within the first 6 months, without recognizing a right-hand wear for wear parts such as:

Saddle, suspension fork, brakes / brake pads, disc brakes, spokes, luggage carriers, brake cables, handlebar grips, tubes / tires, bells, reflectors, front and rear lights, pedal arms / pedals, kickstands, gear shifters, bottom bracket, sprockets / cassettes, chain. Removal or alteration of the type plate attached to the product, the serial number or any safety label will invalidate the warranty claim. A claim of the guarantee service presupposes that we as guarantor check the guarantee is made possible by the dispatch of the goods. Care must be taken to ensure that damage is avoided by means of a suitable packaging. Warranty does not imply an extension or restoration of the warranty period for this appliance; Replaced parts become our property.

You must enclose a copy of the original invoice for the warranty. We ask for your understanding that we can reject the guarantee without having to settle this invoice. The transmission of the invoice copy is used to calculate the guarantee period.

Please provide warranty claims by phone, e-mail or fax. All statutory warranty rights to which you are entitled shall remain unaffected by the above guarantee provisions. If you have questions regarding the warranty or a guarantee, you can also contact us by email or telephone.

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