

## ZERO2 ALLOY WHEELSET

ZERO2



Congratulations on your new Deda Elementi wheels. Please read these instructions carefully and follow them for correct use. An improper installation or wrong application of the instructions could damage the product, that will be no more covered under warranty, damage the bicycle or cause an accident resulting in injury or death. Since specific tools and experience are necessary for proper installation, it is recommended that the product be installed by an official Deda Elementi dealer or a qualified bicycle technician.

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It is the user's responsibility to examine the product on a regular basis to determine the need for service or replacement. Wheels and their components are products that wear from normal use of the bicycle, for that reason we recommend cyclists to regularly inspect their bicycle and parts in order to detect any damage. If any doubts or problems occur, discontinue riding the wheels and have them inspected by an official Deda Elementi dealer or a qualified bicycle technician.

- These wheels have been designed and intended to be used on normal paved surfaces. In case of use on not paved surfaces or off-road, wheels can be subjected to damages, lose their functioning and cause serious accidents and injury for the user.
- Regularly check the wheels to be certain they are installed correctly to the bicycle and fastened securely to the frame and fork through the quick releases. An incorrect installation of the quick release can result in the wheel separation from the fork and cause serious accidents and injury for the user.
- If any bicycle fall or accident occur, discontinue riding the wheels and have them inspected carefully by an official Deda Elementi dealer or a qualified bicycle technician. The use of any damaged bicycle part can cause serious accidents and injury for the user.
- Deda ZERO2 wheels use aluminum rims that require specific brake pads for aluminum rims only. Any other different brake pad, as those intended for carbon rims, can cause malfunctions or decrease the braking performance and cause serious accidents and injury for the user.
- Bicycle rim is a component subjected to wear even during normal riding conditions. Inspect the rim brake surface regularly and discontinue in case of damages or doubts on the wear status of the component. In case the rim replacement be required, please contact an official Deda Elementi. The continuous use of a worn rim damage the braking efficiency, cause the component failure and cause serious accidents and injury for the user.

- Install only bicycle tires compatible with rims technical specifications included in this user's manual. The installation of tires not compatible can damage the rim wheels, invalidate the Deda Elementi Warranty and cause serious accidents and injury for the user.
- Follow the minum and maximum inflation pressure recommended by the tire manufacturer. The use of inflation pressures out of this range invalidate the Deda Elementi Warranty and cause serious accidents and injury for the user.
- Read the whole User's Manual carefully and keep it in a safe place for later reference.

## 2

## WARRANTY

Deda Elementi warrants that all Deda Elementi to be free from defects in materials or workmanship for a period of two years after original purchase unless otherwise stated on the Warranty policy.

The Warranty is valid for the purchase of an origianl Deda Elementi product only.

### 2.1 LIMITS OF WARRANTY

- In caso di sale or product cession, the Warranty will be considered valid for a two yeras period only from the original purchase.
- The Warranty doesn't cover damages caused by modifications, even small; any kind of adaptations or aletration; maintenance performed by an unauthorized people; use of the product outside the normal riding conditions on paved road surfaces. The Warranty doesn't cover even damages caused by impacts, collisions, falls that may occurr for accidental reasons.
- The Warranty doesn't cover damages to the carbon wheels casued by using brake pads not original Deda Elementi, even if specific for carbon rims.

- The Warranty doesn't cover aesthetic defects like: matting, chap, fading or other phenomena that may occur to the wheels during the use and after the bicycle cleaning using water in pressure, solvents or similar products, petrol.
- In case of imperfections, defects or damages found on the product, the user is asked to enter in contact with the dealer within 10 (ten) days; after this period ends the Warranty will be no more considered eligible.

Deda Elementi reserves the right to modify partially or completely the products, instructions and warranty without any notice to the customer.

## 3

## PACKAGING

The Wheels package you have just purchased contains the following items:

- The Wheels
- User's Manual
- Quick Releases
- Rim Tapes

Wheels Model		ZER02
Cassette Compatibility	10v Shimano / Sram (with 1.80mm spacer) 11v Shimano / Sram * 10-11-12v Campagnolo	
Rim	Size	622x16C
	Width	21.5mm
	Height	25.0mm
Rim Tape	622x17mm	
Tire Compatibility	Clincher	
Hubs	Front	100mm
	Rear	130mm
Recommended Tires Sizes	min 700x23 - max 700x32	
Spokes	Front	284 mm; flat; straight pull
	Rear Non Drive side	297 mm; flat; straight pull
	Rear Drive side	284 mm; flat; straight pull
Nipples	15mm ABS, aluminum	

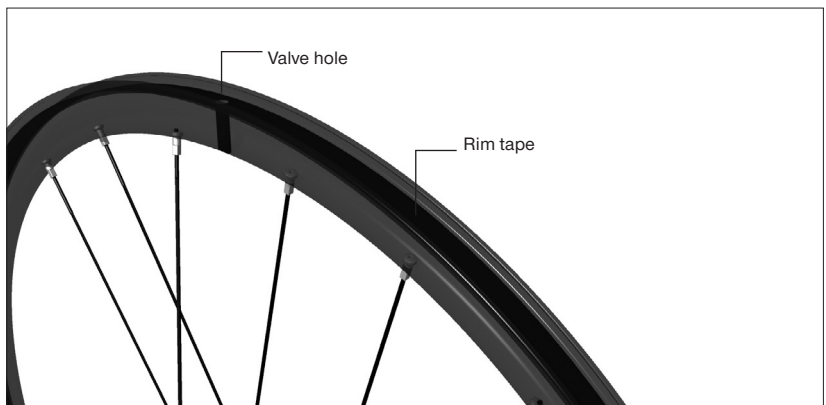
\* Campagnolo freehub body version

ZERO2 wheels are designed to use clincher tires with inner tubes only. Check tires and inner tubes dimensions according to the rim technical specifications included in this user's manual.

**WARNING:** Do not use tubular or tubeless tires with this wheel. The use of non compatible tires with this wheel can cause sudden and unexpected loss of pressure, loss of control and tire failure resulting in serious accident and injury for the user.

- Before the tire installation check that rim tape is already installed in the right position inside the rim; if not please install first the rim tape.
- Make sure the rim tape cover all the rim bed holes along the entire circumference of the wheel.
- The valve hole on the rim tape has to be placed at the same position of the valve hole of the rim wheel (Fig. 1).
- Install the tire on the wheel and proceede with tire inflation as per tire manufacturer recommandations.

Fig 1





**WARNING:** Never exceed the maximum inflation pressure recommended by the wheels manufacturer as indicated in this user’s manual. Excessive tire pressures could damage the rim structure resulting in serious accident and injury for the user.

**WARNING:** Tire installation requires a specific experience of the product, in case of doubts please contact an official Deda Elementi dealer or a qualified bicycle technician. During tire installation don’t use tools or tire lever that can fold, damage or fragilize the rim edge. An incorrect tire installation can cause serious accidents and injury for the user.

## SPROCKETS INSTALLATION

Deda Elementi wheels are available with Shimano® / Sram® 10-11 speed cassette and Campagnolo® 10-11-12 speed cassette. Read and carefully follow the installation instructions of the sprockets.

The rear wheel with Shimano® freehub body is supplied with a 1.80mm aluminum spacer that is intended to be used with Shimano® /Sram® 10 speed cassette only . Please don’t use 1.80mm spacer with 11 speed cassette.

Wheel Type	Freehub Cassette Compatibility		
Shimano/Sram	Shimano/Sram 11v	Shimano 10v + dist. 1.80mm	Sram 10v + dist. 1.80mm
Campagnolo	Campagnolo 12v	Campagnolo 11v	Campagnolo 10v

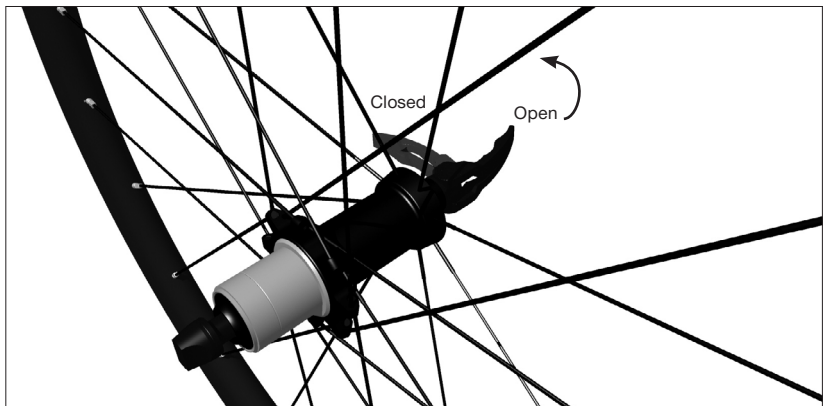
**WARNING:** Since specific tools and experience are necessary for proper sprockets installation, in case of doubts it is recommended that the product be installed by an official Deda Elementi dealer or a qualified bicycle technician. An incorrect sprockets installation can cause serious accidents and injury for the user.

**WARNING:** Please make sure that wheel freehub body be compatible with your sprockets cassette before proceed with the assembly. Failure to insure compatibility between wheel and sprockets cassette can cause malfunction of the bicycle drive train resulting in serious accident and injury for the user.

## WHEELS INSTALLATION INSTRUCTIONS

- Insert the quick release into hub so that the lever be on the non drive side of the wheel and tighten the quick release nut slightly on the opposite side of the lever. (Note: front quick release is shorter than rear)
- Install the front and rear wheel respectively into the fork and frame drop-outs.
- Tighten the quick release nut until is in contact with the fork or frame drop-outs.
- Close the quick release lever from the Open to the Closed position; if necessary adjust the closing force manually through the nut (tightening the force increases, untightening the force decreases) (Fig. 2).

Fig 2



**WARNING:** Since specific experience is necessary for proper wheels installation, in case of doubts it is recommended that the product be installed by an official Deda Elementi dealer or a qualified bicycle technician. An incorrect wheels installation can cause serious accidents and injury for the user.

**WARNING:** While adjusting the closing force manually, please make sure do not tighten or untighten the nut too much. A ½ turn of rotation can result in the non closing of the wheel or excessive closing force of the wheel. The improper adjusting of the wheel closing can cause serious accidents and injury for the user.

Fig 3



- When the lever is closed, make sure it is completely closed (full travel) and do not allow the frame or fork to inhibit the complete closing of the lever (Fig. 3).
- Check before every ride the closing force of the wheel and correct mechanism functioning of quick releases.

**WARNING:** After cleaning the bicycle or a ride in rain conditions, please lubricate pivot and cam points in order to prevent oxidation phenomena that damage the correct mechanism functioning of quick releases.

The wheels you have just purchased are high technology products that require specific care and maintenance to fully obtain the maximum performance advantages and to preserve them over time. So we recommend to follow simple rules of use to avoid any kind of problem.

**WARNING:** Never clean the wheels and parts using high pressure and high temperature water. The water pressure can overcome seals and bearings protections systems causing damages irreparably or malfunction of internal parts of the hub. Never use solvents, chemical products, petrol or similar substances, over the hubs that can damage seals and rubber gaskets or remove the grease from the bearings completely.

After the bicycle washing, dry every parts and components avoiding to store water into the hollow points of the wheel ( for instance inside the rim and hub).

Frequently check the wear status of the wheels parts and if necessary make the maintenance and/or parts replacement through the official Deda Elementi dealers. The recommended service intervals depend on the use and using condition of the wheels. It is recommended to make an inspection after each riding season or every time in case of bearing problems, wheel out of center or damaged parts are apparent. Since specific tools and experience are necessary for hub maintenance, wheel trueing or parts replacement it is recommended that the service should be done by official Deda Elementi dealer.

For any service or replacement parts, only original Deda Elementi spare parts have to be used in order to guarantee the product quality and the warranty maintaining.

## **CONTACTS**

For any question or technical information please contact Deda Elementi by visiting the website at [www.dedaelementi.com](http://www.dedaelementi.com) and through the email address [info@dedaelementi.com](mailto:info@dedaelementi.com).

Deda Elementi s.r.l reserves the right to modify without notice the content of this manual always guaranteeing the availability of the updated versions on the website download area.



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