

**ZERO2DB
CLINCHER DISC BRAKE WHEELSET**



ZERO2DB

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 under user's responsibility to check regularly the product to determine the need of maintenance or replacement. Wheels and their components are products wearing during the standard use of the bike, for that reason we recommend users to regularly inspect their bicycle and parts in order to find any damage. If any doubts or problems occur, stop 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, loose their functioning and cause serious accidents and injury for the user.
- Regularly check the wheels to make certain that they are installed correctly to the bicycle and fastened securely to the frame and fork.
- If any bicycle fall or accident occur, stop riding the wheels and have them inspected carefully by an official Deda Elementi dealer or a qualified bicycle technician.
- Frequently check the status of the wheels parts subjected to wear and if necessary make the maintenance and/or parts replacement through the official Deda Elementi dealers.
It is recommended to make an inspection after each riding season or every time in case of problems related to bearing, wheel out of center or damages to single parts
- 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 minimum inflation pressure recommended by the tire manufacturer. Never exceed the maximum inflation pressure permitted for this Deda Elementi rim of 7 bar / 100 psi. The use of inflation pressures out of this range can damage the rim, 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.

Deda Elementi warrants that all Deda Elementi products are 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 original Deda Elementi product only.

2.1 LIMITS OF WARRANTY

- In case of sale or product cession, the Warranty will be considered valid for a two years period only from the original purchase.
- The Warranty doesn't cover damages caused by modifications, even small; any kind of adaptations or alteration; 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 occur for accidental reasons.
- The Warranty doesn't cover aesthetic defects like: matting, chap, fading or other phenomenons 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 contact the dealer within 10 (ten) days; after the ending of this period, the Warranty will be no more considered due.

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

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

- The wheels
- User's Manual
- Rim Tapes

TECHNICAL SPECIFICATIONS:

| Wheels Model | | ZERO2DB |
|--------------------------------|-----------------------|---|
| Compatibility cassettes | | 10s Shimano / Sram (with 1.80 mm spacer) 11s Shimano / Sram * 12s Sram ** 10-11-12s Campagnolo |
| Rim | Size | 622x19C |
| | Width | 24.0mm |
| | Height | 30.0mm |
| Rim tape | | 622x18mm |
| Tire Compatibility | | Clincher o Tubeless (***) |
| Recommended tire sizes | | min 700x25 - max 700x32 |
| Hubs | Front | 100mm |
| | Rear | 142mm |
| Spokes | Front | 293 mm; flat; straight pull |
| | Rear Non Drive side | 293 mm; flat; straight pull |
| | Rear Drive side | 292 mm; flat; straight pull |
| Nipples | | 15 mm ABS, aluminum |
| Disc brake rotor compatibility | | Shimano® Center Lock (****) |
| Frames compatibility | Thru-Axle | Front 12x100 mm, Rear 12x142 mm (standard) |
| | Traditional system QR | Front 100 mm, Rear 135 mm (kit available as spare part) |
| | 15 mm Thru-Axle | Front TA 15 mm (kit available as spare part) |

* Sram XDR freehub body version

** Campagnolo freehub body version

*** Tubeless conversion kit not included into the wheels package

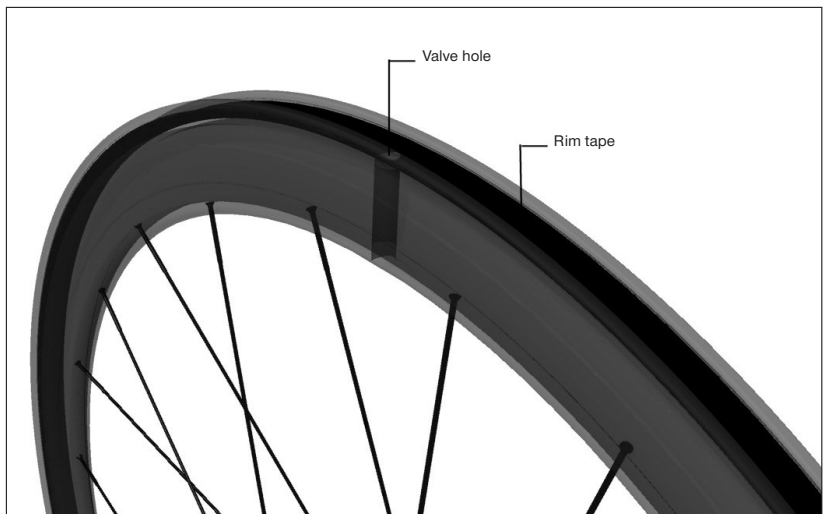
**** Disc brake rotor not included into the wheel package

Deda ZERO2DB wheels are designed to use clincher tires with inner tubes or Tubeless tire. The Tubeless conversion kit is not included into the wheels box. 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 causing 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 proceed with tire inflation as tire manufacturer recommendations. Never exceed the maximum inflation pressure permitted for this Deda Elementi rim of 7 bar / 100 psi.

Fig 1



WARNING: for Tubeless tire installation carefully read the instructions of the tire and tubeless conversion kit manufacturer.

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 causing 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 make the rim edge fragile. An incorrect tire installation can cause serious accidents and injury for the user.

SPROCKETS INSTALLATION

Deda Elementi wheels are available with Shimano® 10-11 speed, Sram® 10-11-12 speed 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.

Sram 12 speed groupset requires the use of the XD-R freehub body compatible, available as spare part (part. No. WD17XDRSL).

| Wheel Type | Freehub Cassette Compatibility | | |
|--------------|--------------------------------|------------------|---------------------------------|
| Shimano/Sram | Sram 12s* | Shimano/Sram 11s | Shimano/Sram 10s + dist. 1.80mm |
| Campagnolo | Campagnolo 12s | Campagnolo 11s | Campagnolo 10s |

*with XD-R compatible freehub body

WARNING: Since specific tools and experience are necessary for proper sprockets installation, in case of doubts it is recommended that the product will 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 will be compatible with your sprockets cassette before proceed with the assembly. The ensure missing of the compatibility between wheel and sprockets cassette can cause malfunction of the bicycle drive train causing serious accident and injury for the user.

DISC BRAKE ROTOR

Deda ZERO2DB Disc Brake wheels are compatible with Shimano® Center Lock locking systems.

The disc brake rotors are not included into the wheels box.

For Rotors installation with Shimano® Center Lock locking systems read and carefully follow the instructions of the disc brake manufacturer.

WARNING: Disc brake rotor installation requires a specific experience of the product.

In case of doubts please contact an official Deda Elementi dealer or a qualified bicycle technician.

An incorrect rotor installation can cause serious accidents and injury for the user.

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.

Deda ZERO2DB wheels are pre-assembled from the factory with Thru-axle locking system (Front 12x100, Rear 12x142). The Thru-axes are not included into the wheels package.

For thru-axle installation and wheels locking to the frame and fork, read and carefully follow the installation instructions provided by the bicycle and fork manufacturer.

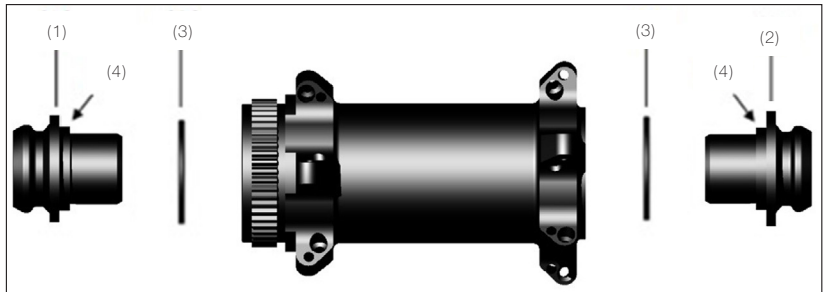
WARNING: An incorrect installation of the through axle can cause the wheel separation from the fork and cause serious accidents and injury for the user.

Conversion kit for Quick Release (100 mm Front/ 135 mm Rear) and Thru-axle (TA 15 mm Front) are available as spare parts.

8.1 CONVERSION END CAPS KIT MOUNTING

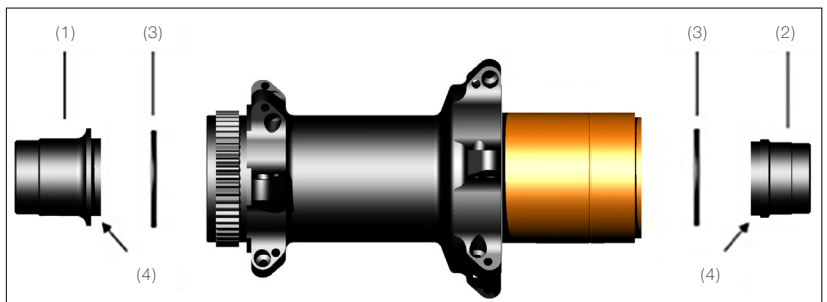
Front hub

- Remove the pressure end caps installed on the front hub (standard TA 12x100 mm) and replace them with those you need (QR 100 mm, TA 15 mm)
- Install the end cap with the smaller flange diameter (1) on the disc brake rotor side and the one with the bigger flange diameter (2) on the opposite side
- Make sure the washer (3) is correctly placed in its seat on the end cap (4) before inserting caps into the hub

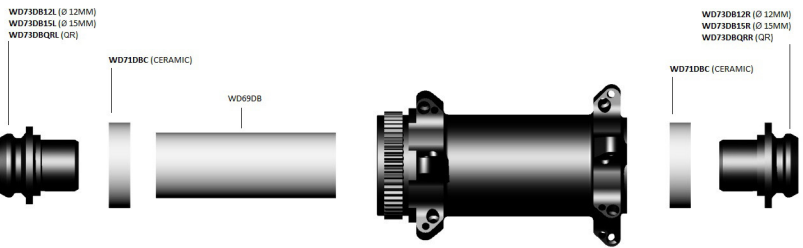
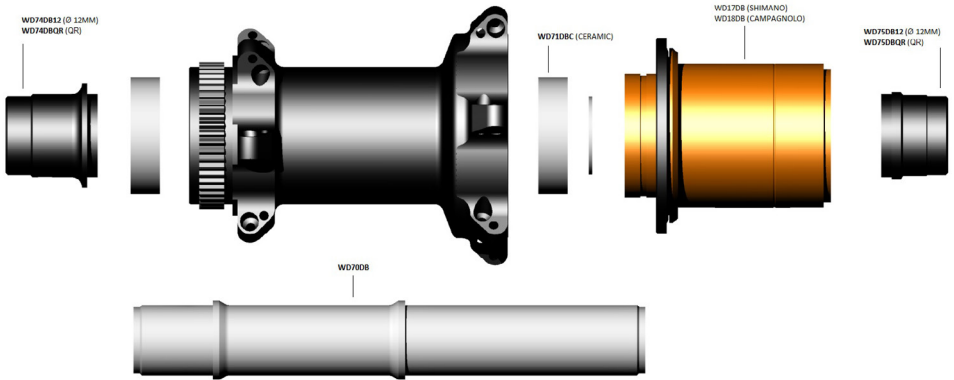


Rear hub

- Unscrew the end caps fastened to the rear hub axle (standard TA 12x142 mm) with appropriate wrenches and replace them with those you need (QR 135 mm)
- Install the longer end cap (1) on the disc brake rotor side and the shorter one (2) on the opposite side (drive side)
- Make sure the washer (3) is correctly placed in its seat on the end cap (4) before inserting the caps into the hub



8.2 HUBS SPARE PARTS SPECIFICATIONS



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 maintenance 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 problems related to bearing, wheel out of center or damages to single parts.

Since specific tools and experience are necessary for hub maintenance, wheel truing or parts replacement it is recommended that the service should be done by official Deda Elementi dealer.

For any intervention 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 and through the email address info@dedaelementi.com.

Dedaindustrie 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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