

CARBON WHEELS

NOTICE

Ekoï thanks you for your purchase and wishes you great satisfaction with these wheels.

The recommendations in this manual apply to all wheels and accessories delivered as standard.

Please read the following instructions carefully, along with any specific manuals that may be included, before using your wheels and accessories.

Keep this manual and hand it over to any future buyers or potential users

IMPORTANT SAFETY INFORMATION

Failure to follow these instructions may result in personal injury.

If you have any doubts regarding use, installation, maintenance, repair, or replacement of original parts, you can contact us at 0 800 30 30 99.

For safe use, wearing a helmet and appropriate protective and/or signaling equipment is recommended.

Before each use, check that the quick release is properly tightened in accordance with the bicycle manufacturer's recommendations, that the wheels are true and without hops, and that brake pads, rims, composite components, and tires are not excessively worn.

In case of doubt, consult a professional.

Do not make any modifications to your wheels (spoke tension, components, etc.).

Modifying your wheels, even partially, may damage them and pose a risk.

All components are subject to mechanical aging (high stress and fatigue), which can reduce their strength. Any visible cracks, scratches, or changes in color may indicate the end of a component's service life. It may fail suddenly, posing a risk of injury, and must therefore be replaced.

After a crash or accident, always have your wheel checked by a professional, even if no damage is visible.

If impacted, wheels with composite components must be returned to Ekoï After-Sales Service for inspection.

Only use a disc brake wheel on a bicycle equipped with disc brakes.

A Tubeless Ready wheel used in Tubeless configuration must be mounted with a Tubeless tire only, to avoid the risk of tire unseating.



Each wheel is intended exclusively:

-for the type of riding specified on the product page at www.ekoi.fr. For example: a Cross-country racing wheel is intended for cross-country circuits only.

-to be mounted on a track bike, road bike, or mountain bike, and is not suitable for other types of bicycles, such as tandems or cyclo-cross bikes (unless otherwise specified on the product page in writing).

Wheels may have a weight limit for the rider and their equipment. Please consult the product page on www.ekoi.com

All fastenings (especially brake disc mounting) must be tightened to the specified torque values using a torque wrench.

Only use approved spare parts (including tires, inner tubes, brake discs)

INSTRUCTIONS



Failure to follow these instructions may result in personal injury.

Tire Compatibility and Inflation

Before each use, ensure that the tire is compatible with your wheel and does not interfere with foot clearance while pedaling.

Inflate your tires according to the maximum pressure indicated on the tire or the rim. In case of conflicting information, always follow the lower pressure limit to avoid the risk of tire unseating or rim damage.

Before each ride, check that the tire is properly seated. A tire that is too easy to mount may be unsafe to use.

When using puncture sealant or repair products, strictly follow the manufacturer's instructions.

Some of these products may damage the rims and tires, and Ekoï will not accept any claims for damage resulting from their use.

Use only plastic tire levers.

Use butyl inner tubes.

Do not use latex inner tubes.

Ekoï wheelset 50mm (22C)				
Tire Size (mm)	Max Pressure Tubeless	Rec. Pressure Tubeless	Max Pressure Tubeless	Rec. Pressure Tubeless
25	110	75	7,5	5,2
28	95	65	6,5	4,5
30	95	65	6,5	4,5
32	72	50	5	3,5
35	72	50	5	3,5
38	65	45	4,5	3
40	60	42	4	2,5



Legal Notices and Disclaimer

The pressures indicated in this table are theoretical maximum values recommended for standard operating conditions.

It is essential to always check the pressure indications marked on the sidewalls of the tires and on the rims used.

The user is solely responsible for ensuring that the recommended pressures are followed, based on the tire and rim combination.

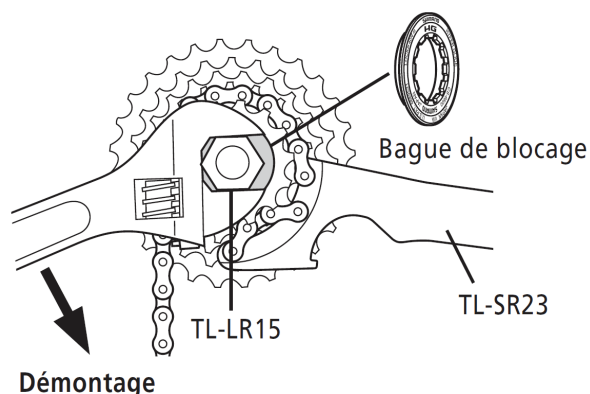
Failure to comply with these recommendations may result in premature wear, loss of performance, or even accidents, and will immediately void the warranty.

CASSETTE INSTALLATION

Torque: 40 N·m

Use the original Shimano TL-LR15 special tool to tighten the lockring during the installation of HG cassettes.

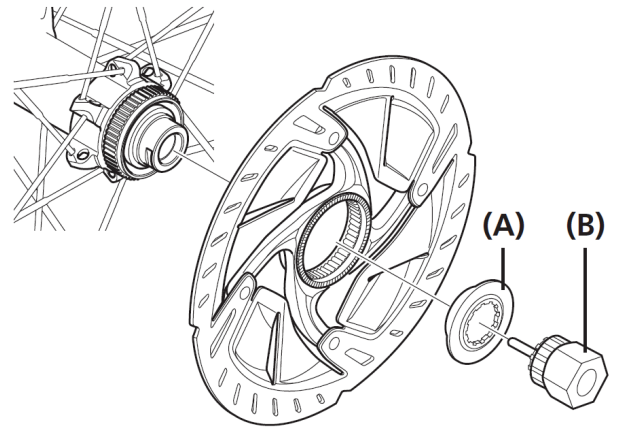
Use the original Shimano TL-LR15 and TL-SR23 special tools to remove the lockring when replacing HG cassettes.



CENTER LOCK DISC BRAKE INSTALLATION

Center Lock: Disc mounting system under Shimano® Inc. license.
Center Lock nut tightening torque: 40 N·m

(A) Elastic ring for securing the disc brake rotor
(B) Lockring tightening tool REF TL-LR15



USE OF EKOÏ TUBELESS READY WHEELS WITH TUBELESS TIRES

When installing an Ekoï Tubeless Ready wheel (which includes a rim tape, a tubeless valve, a sealing agent, and a tubeless tire), it is essential to strictly follow the manufacturer's instructions or consult a qualified professional bike mechanic. It is recommended to replace the rim tape each time you change the tire or every year, regardless of the mileage.

Only tubeless tires can be mounted on rims marked "Tubeless Ready."
Use only compatible Ekoï wheels.

For proper installation, exclusively use:

- an Ekoï Tubeless Ready wheel,
- a Tubeless Ready tire,
- a tubeless valve,
- a suitable sealing liquid.

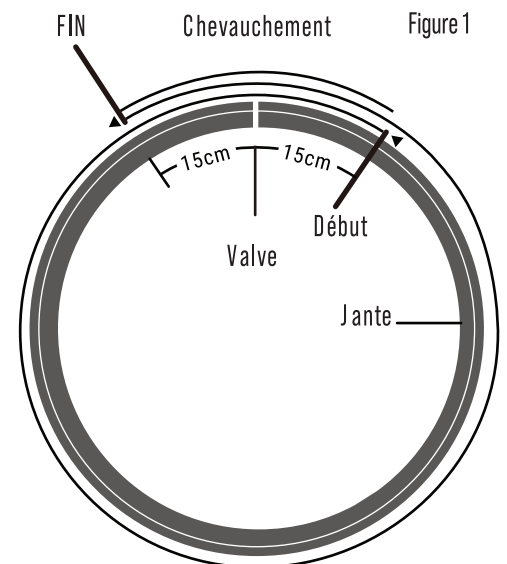
Using incompatible components may damage the rim and present a risk of injury.

IMOUNTING INSTRUCTIONS:

Step 1 – Installing the Rim Tape:

Refer to Figure 1.

Position the rim tape so that it covers 15 cm on each side of the valve, with enough overlap to ensure a proper seal.



Step 2 – Installing the Tubeless Valve:

Follow Figures 2 and 3:

Insert the valve into the designated hole (Figure 2).
Hand-tighten the locking nut only (maximum 0.5 Nm).
Do not use any tools to tighten the valve (Figure 3 – to avoid).

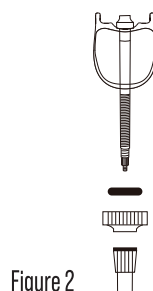


Figure 2

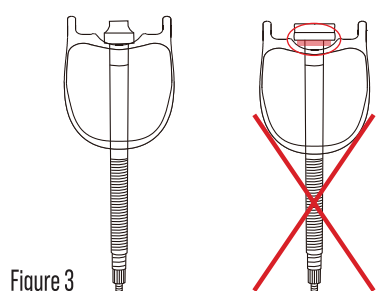


Figure 3

INSTALLING TUBELESS TIRES ON TUBELESS READY WHEELS

Step 1:

Start from the side opposite the valve, insert one side of the tire bead into the lowest part of the rim base.

Step 2:

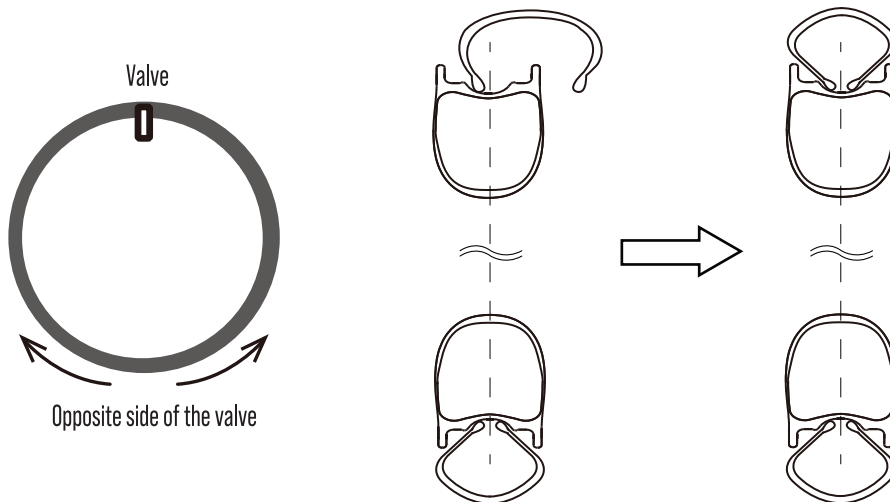
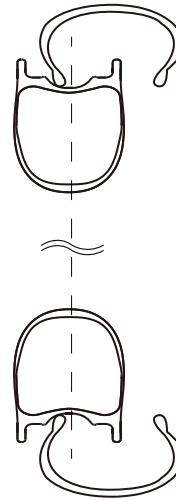
Start again from the side opposite the valve, insert the other side of the tire bead into the lowest part of the rim base (as shown in the figure below).

Make sure to proceed towards the valve as indicated in the figure below.

Insert both tire beads all around the rim into the lowest parts of the rim base to complete the installation.

Please **DO NOT** use tire levers during installation.

Applying a suitable lubricant can reduce installation resistance.



ADDING SEALANT TO AN EKOI TUBELESS READY WHEEL

Step 1: Remove the valve core from the valve body. (Fig. 1)

Step 2: Shake the sealant bottle thoroughly to disperse the particles evenly in the liquid. (Fig. 2)

Step 3: Pour the sealant through the open valve body. The recommended volume (depending on tire size) is 30-60 ml per wheel. (Fig. 3)

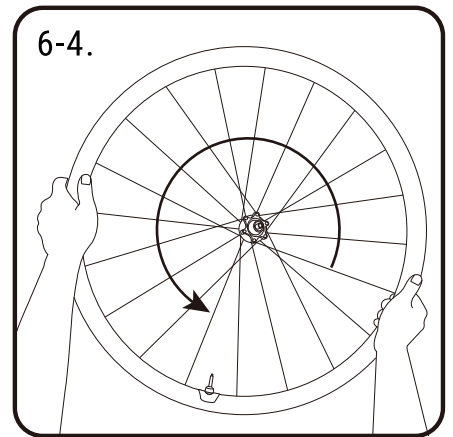
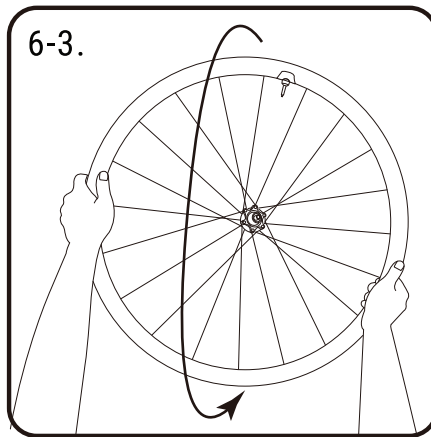
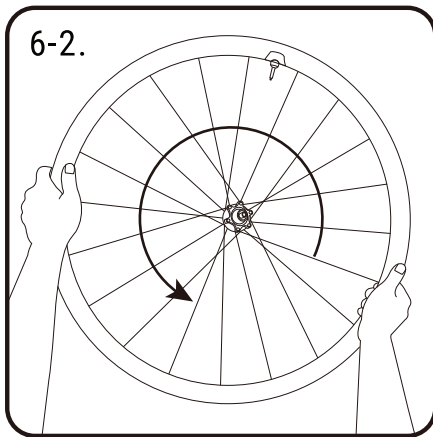
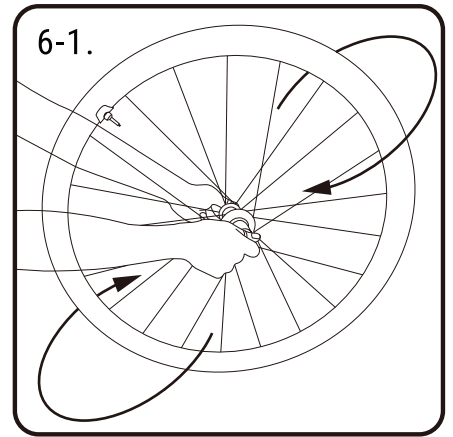
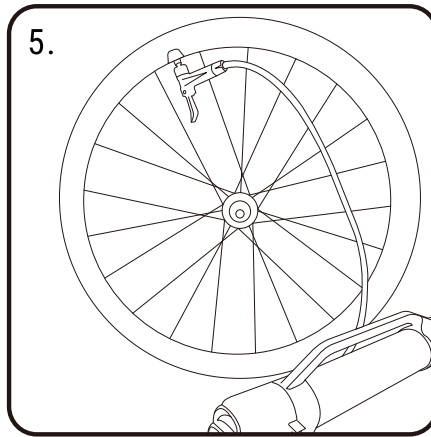
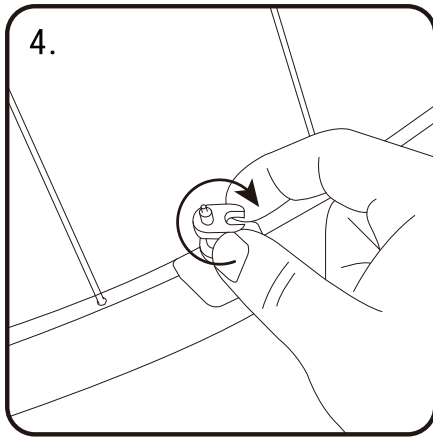
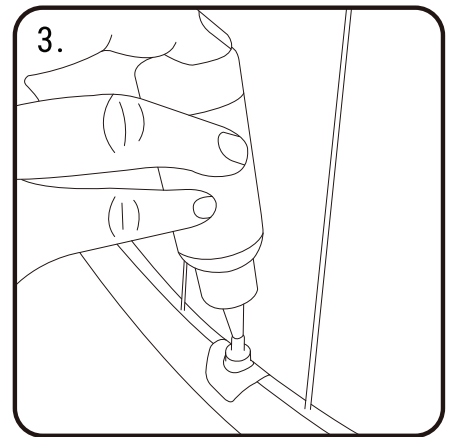
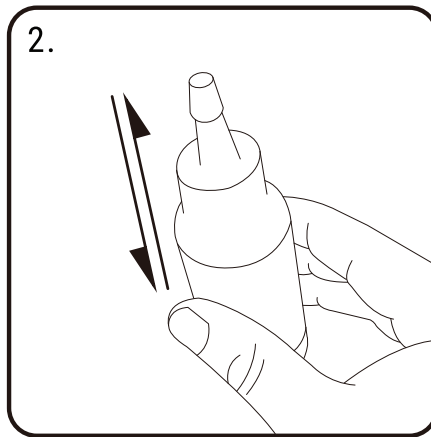
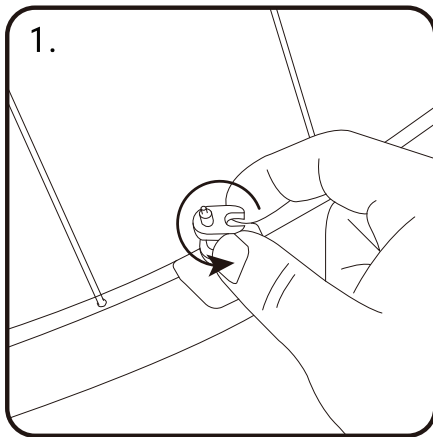
Step 4: Reinstall the valve core into the valve body using the supplied tool. (Fig. 4)

Ensure the valve core and the lock ring are properly tightened. (Fig. 4)

Step 5: Inflate the tire to the maximum recommended pressure. (Fig. 5)

Step 6: Gently shake and rotate the wheel to distribute the sealant evenly inside the tire casing, ensuring full surface coverage for optimal performance. (Fig. 6)

Step 7: Inflate the tire to the recommended riding pressure, close the valve, and perform a test ride.



INSTALLING YOUR WHEELS ONTO YOUR FRAME

Make sure your wheel is compatible with your frame and fork (wheel diameter and clearance, hub type, tire dimensions).

Each time you adjust the wheel, check that the front wheel is properly centered in the fork and the rear wheel is centered within the frame.

Before riding your bike, always ensure the wheels are securely mounted on the frame. To do this, you can give the wheel a sharp tap to check that the quick release or thru-axle is properly tightened.

MAINTENANCE

Have your freewheel system and braking system checked annually by a professional.

Lubrication of wheel components should only be carried out by a qualified mechanic.

Never clean your wheels with a pressure washer or abrasive sponge.

Use soapy water only. To prevent rust, dry the wheels thoroughly after washing or riding in the rain.

Solvents, detergents, paints, abrasives, and adhesives can damage composite wheels. Such damage may not be visible to the naked eye.

Do not use your wheels if they have been exposed to such substances.

High temperatures can damage your wheels.

Do not leave your wheels in a car or near a direct or indirect heat source (exhaust pipe, radiator, etc.).

Do not hang your bike by a wheel.

Warranty conditions and customer service available at www.ekoi.com

If you have any questions about use, installation, maintenance, repairs, or replacement of original parts, please contact us at 0 800 30 30 99.