

CyberDisc 327 Clincher

Hooked tubeless ready rim

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HUBS MAINTENANCE

Refer to CyberFront SPD-3 and CyberRear SPD-3 owner manuals

IMPORTANT SAFETY NOTES

Tape/Flap Thickness on both Tubeless & Classic Tube assemblies.

Road clinchers tire manufacturers haven't reached a common standard of wire-beading / tubeless diameter yet. Thereafter any kind of tire assembly requires a certain thickness of sealant Tape (or protective flap). Also in hooked rims the tape thickness (or flap thickness) plays an important role on keeping the tire safely onto the rim. Tape application and tire installation should be carefully executed by a professional mechanic who has to evaluate if that specific tire model fits correctly onto the rim bead and eventually has to tune properly the tape thickness. A loose tire can get off the rim while riding whilst a too tight tire is difficult to get properly installed. The correct combination depends on the correct tape thickness that optimizes final bead diameter of the rim for the inner diameter of that specific tire.

TUBELESS SEALANT TAPE

Minimum requirement: 2 full wraps of 0.15mm thick tubeless tape, width 22-24mm. You may have to apply one or more turn of 0.15mm sealant tape, depending on the fitting of your specific tire model. Correctly tune tape thickness to achieve a sufficiently tight fitting between tire and rim. For safety reasons sealant tape installation is necessary also with inner tube.

TIRE BEADING

Carefully lube with soapy water the full circle @360° of both rim and tire.

Install tire, if necessary use specific plastic pliers but never use metal levers (these may easily break the rim).

Inflate to 3 Bar (40psi) and wait few minutes till tire starts to sit on the rim bead partially. The complete beading may require up to 5Bar (70psi).

MAX beading pressure 5.5 BAR do not exceed it!

CyberDisc 339 Clincher accept tubeless/hookless 700C tyres (with or without inner tube). Tyre width range: C25-C28-C32

Tire size	Max Pressure	
700 x C25	6.5 Bar	95 PSI
700 x C28	5.5 Bar	80 PSI
700 x C32	4.5 Bar	65 PSI

SPOKE REPLACEMENT / TENSION

After intensive use the wheels spokes may need retensioning and eventually an entire retruing.

The operation above requires the following tools and must be executed by a skilled wheel-builder:

- Megalite/Hyperlite spoke holder (equivalent to DT TTSXXXXR05641S - red) or Berd spokes holding tool
- DSN 3.25mm square socket tool (insert it from rim chamber)
- 3.25mm semi-closed square tool (outer side, for emergency use only)

Maximum spoke tension:

Front disc side 120 Kgf

Rear drive side 130 Kgf

WARNING

Correctly tune tape thickness

Never use metal levers

Lube with soapy water

MAX beading pressure 5.5 BAR

The violent shock caused by tyre beading can seriously damage carbon fiber structure.

Most rim damages are caused by excessive air pressure during beading process.

This kind of damage is NOT covered by warranty.



IMPORTANT SAFETY NOTES

Tape/Flap Thickness on both Tubeless & Classic Tube assemblies.

The amount of tape (or flap thickness) plays an extremely important role. **A loose tyre can get off the rim** and that's all depending on the ratio between inner tyre diameter / final bead diameter.

Tubeless Tape requirements: width 22-24mm - thickness 0.15mm.

Minimum wraps: 2 full turns.

Max tyre pressure: (C25mm 6.5 Bar - 95 Psi) (C28mm 5.5 Bar - 80 Psi)

(C32mm 4.5 Bar - 65 Psi)

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