

[Manuals.plus](#) /

› [VISION](#) /

› VISION Team 30 Aluminum Wheelset User Manual

VISION Team 30 Wheelset

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Model: Team 30 Wheelset

1. PRODUCT OVERVIEW

The VISION Team 30 Aluminum Wheelset is engineered for cyclists seeking a reliable and high-performance wheel upgrade. This wheelset features durable 30mm deep aluminum rims, CNC machined aluminum hubs, and sealed cartridge bearings for smooth operation. Designed for disc brake compatibility, it supports both tubeless and clincher tire setups, offering versatility for various riding conditions.



Image 1: The VISION Team 30 Aluminum Wheelset, showing both front and rear wheels.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove the wheelset from its packaging. Inspect both wheels for any signs of damage that may have occurred during shipping. Retain all packaging materials for future transport or warranty claims.

2.2 Axle Compatibility

This wheelset is designed for thru-axle systems only: 12x100mm for the front wheel and 12x142mm for the rear wheel. It is not compatible with Quick Release (QR) skewers.

2.3 Disc Rotor Installation

The hubs are compatible with Center Lock disc rotors. Align the rotor with the splines on the hub and secure it using the Center Lock ring. Tighten the lock ring to the manufacturer's specified torque using a compatible tool.

2.4 Cassette Installation

Install your HG 11-speed compatible cassette onto the freehub body. Ensure all cogs are correctly oriented and seated. Secure the cassette with the lockring, tightening to the cassette manufacturer's specified torque.

2.5 Tire Installation (Clincher or Tubeless)

The rims are tubeless-ready (TCS). You can install either standard clincher tires with inner tubes or tubeless tires with sealant.

- **For Clincher Tires:** Install the inner tube and tire onto the rim. Ensure the tire beads are fully seated within the rim.
- **For Tubeless Tires:** Ensure tubeless rim tape is properly installed and sealed. Install the tubeless valve stem. Mount the tubeless tire, add the recommended amount of tubeless sealant, and inflate to seat the beads. Refer to your tire and sealant manufacturer's instructions for specific details.



Image 2: Close-up view of a Vision wheel rim, highlighting its profile.

2.6 Mounting Wheels to Bicycle

Insert the front and rear wheels into the bicycle's fork and frame dropouts, respectively. Secure them using your bicycle's thru-axles, tightening to the bicycle manufacturer's specified torque. Ensure the disc rotors are correctly aligned within the brake calipers.

3. OPERATING INSTRUCTIONS

3.1 Pre-Ride Checks

Before each ride, perform the following checks:

- **Tire Pressure:** Ensure tires are inflated to the recommended pressure range specified by the tire manufacturer.
- **Thru-Axles:** Verify that both front and rear thru-axles are securely tightened.
- **Brakes:** Check that disc brakes are functioning correctly and there is no brake rub.
- **Wheel Spin:** Spin each wheel to ensure it rotates freely without wobble or obstruction.

3.2 Riding Considerations

These wheels are designed for road and gravel cycling. Avoid impacts with sharp objects or excessive loads that could damage the rims or spokes. Always adhere to local traffic laws and safe cycling practices.

4. MAINTENANCE

Regular maintenance ensures the longevity and performance of your VISION Team 30 Wheelset.

4.1 Cleaning

Clean your wheels regularly with mild soap and water. Avoid high-pressure washers directly on hubs or bearings. Rinse thoroughly and dry with a soft cloth.

4.2 Bearing Inspection

The hubs feature sealed cartridge bearings. While generally maintenance-free, periodically check for smooth rotation and any play. If roughness or play is detected, professional service may be required for bearing replacement.

4.3 Spoke Tension

Periodically check spoke tension. Uneven or loose spokes can affect wheel integrity and performance. If you notice loose spokes or a wheel that is out of true, consult a qualified bicycle mechanic.

4.4 Rim and Tire Inspection

Inspect rims for any dents, cracks, or excessive wear. Check tires for cuts, punctures, or signs of wear. Replace damaged tires immediately.

4.5 Tubeless Sealant (if applicable)

If using a tubeless setup, check and refresh your sealant every 3-6 months, or as recommended by the sealant manufacturer, to ensure puncture protection.

5. TROUBLESHOOTING

- **Brake Rub:** If disc brakes rub, ensure the wheel is fully seated in the dropouts and the thru-axle is tight. If rubbing persists, the brake caliper may need adjustment or the rotor may be bent.
- **Loose Spokes/Wobbly Wheel:** A wobbly wheel or loose spokes indicate the wheel is out of true. This requires professional attention from a bicycle mechanic to prevent further damage.
- **Tire Losing Air:** For clincher setups, check the inner tube for punctures. For tubeless setups, ensure rim tape is intact, the valve stem is tight, and there is sufficient sealant.
- **Hub Play:** If there is noticeable side-to-side play in the hub, the bearings may be worn or require adjustment. Consult a mechanic.

6. SPECIFICATIONS

Feature	Specification
Brand	VISION
Model Name	Team 30 Wheelset
Part Number	Vision-WHEL1787
Material	Aluminum
Color	Black
Wheel Size	700 Inches
Rim Width	27 Inches

Number of Spokes	24 (front/rear)
Mounting Type	Thru-Axle (12x100mm front, 12x142mm rear)
Brake Compatibility	Center Lock Disc
Cassette Compatibility	HG 11-speed
Tire Compatibility	Tubeless Ready / Clincher
Item Dimensions (LxWxH)	32 x 28 x 7 inches
Package Weight	3.52 Kilograms
UPC	840031087126

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The VISION Team 30 Aluminum Wheelset comes with a Limited Warranty. For specific details regarding coverage, duration, and terms, please refer to the warranty documentation included with your purchase or visit the official VISION website.

7.2 Customer Support

For technical assistance, spare parts, or warranty claims, please contact VISION customer support through their official website or authorized dealers. When contacting support, please have your product model name (Team 30 Wheelset) and part number (Vision-WHEL1787) available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question