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› Campagnolo Veloce 10 Speed Cassette Instruction Manual

Campagnolo Veloce CS9-VLX15

Campagnolo Veloce 10 Speed Cassette Instruction Manual

Model: Veloce CS9-VLX15

1. PRODUCT OVERVIEW

The Campagnolo Veloce 10 Speed Cassette is engineered for optimal chain and sprocket interaction, ensuring precise and rapid shifting performance. This cassette features Ultra-Drive tooth profiling for enhanced synchronization, action, and rapid gear changes. Constructed from steel with a galvanized finish, it is designed for durability and consistent performance within a 10-speed Campagnolo drivetrain system.



Image 1.1: Top view of the Campagnolo Veloce 10 Speed Cassette, showing the individual sprockets and locking area.

Key Features:

- **Material:** Steel construction for durability.
- **Technology:** Ultra-Drive tooth profiling for optimized chain engagement.
- **Design:** Single sprockets for precise manufacturing.
- **Finish:** Galvanized for corrosion resistance.
- **Included:** Supplied with a lockring for secure installation.
- **Weight:** Approximately 258 grams.

2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your Campagnolo Veloce 10 Speed Cassette. Ensure you have the necessary tools, including a cassette lockring tool and a chain whip.

Installation Steps:

1. **Compatibility Check:** Verify that your freehub body is compatible with Campagnolo 10-speed cassettes.
2. **Clean Freehub:** Thoroughly clean the freehub body to remove any dirt, grease, or old cassette residue.
3. **Sprocket Placement:** Carefully slide the individual sprockets onto the freehub body. Ensure each sprocket is correctly oriented and aligned with the splines. The smallest sprocket typically has a specific orientation.
4. **Secure Lockring:** Once all sprockets are in place, thread the provided lockring onto the freehub body. Use a cassette lockring tool to tighten the lockring. Refer to your wheel manufacturer's specifications for the correct torque value, typically around 40 Nm.
5. **Final Check:** Ensure the cassette is firmly seated and there is no play between the sprockets.



Image 2.1: Angled view of the Campagnolo Veloce 10 Speed Cassette, highlighting the sprocket teeth and locking.

3. OPERATING INSTRUCTIONS

The Campagnolo Veloce 10 Speed Cassette is designed to work seamlessly with compatible 10-speed Campagnolo chains and derailleurs. Proper shifting technique will maximize performance and component life.

Shifting Best Practices:

- **Anticipate Shifts:** Shift gears proactively, especially before inclines or changes in terrain, to maintain momentum and reduce stress on the drivetrain.
- **Reduce Pedal Pressure:** Briefly ease off the pedals during a shift to allow the chain to move smoothly between sprockets. Avoid shifting under heavy load.
- **Smooth Transitions:** Use the full range of your shifters to ensure complete and decisive gear changes.
- **Cross-Chaining:** Minimize extreme chain angles (e.g., large chainring to largest cassette sprocket, or small chainring to smallest cassette sprocket) to reduce wear and noise.

4. MAINTENANCE

Regular maintenance extends the life of your cassette and ensures optimal shifting performance.

Maintenance Schedule:

- **Regular Cleaning:** After every few rides or when visibly dirty, clean the cassette. Use a bicycle-specific degreaser and a stiff brush to remove grime from between the sprockets. Rinse thoroughly with water and dry completely.
- **Chain Inspection:** Periodically check your chain for wear using a chain wear indicator tool. A worn chain will accelerate cassette wear. Replace the chain before it reaches 0.75% elongation.
- **Sprocket Inspection:** Inspect the sprocket teeth for signs of wear, such as a 'shark fin' profile (where teeth become pointed and hooked). Worn sprockets can cause poor shifting and chain skipping.
- **Lockring Check:** Occasionally check that the cassette lockring remains securely tightened to the specified torque.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your cassette.

Common Issues and Solutions:

- **Poor Shifting Performance:**
 - **Cause:** Incorrect derailleur adjustment, worn chain, dirty cassette, or incorrect cable tension.
 - **Solution:** Adjust rear derailleur limits and B-tension screw. Check and adjust shifter cable tension. Clean the cassette and chain. Replace worn chain.
- **Chain Skipping or Jumping:**
 - **Cause:** Severely worn chain or cassette sprockets, loose cassette lockring, or bent derailleur hanger.
 - **Solution:** Inspect chain and cassette for wear and replace if necessary. Ensure lockring is tightened to specification. Check and straighten or replace bent derailleur hanger.
- **Excessive Noise from Drivetrain:**
 - **Cause:** Dry or dirty chain, misaligned derailleur, or loose cassette.
 - **Solution:** Clean and lubricate the chain. Check derailleur alignment and adjustment. Ensure cassette lockring is tight.

6. SPECIFICATIONS

Specification	Detail
Brand Name	Campagnolo
Model Name	Veloce
Part Number	CS9-VLX15
Material	Alloy Steel
Color	Silver

Specification	Detail
Item Weight	258 Grams
Item Dimensions (LxWxH)	7.09 x 7.09 x 2.36 inches
Package Weight	0.38 Kilograms
Number of Items	1
Included Components	1x Cassette
Sport Type	Cycling
Date First Available	September 2, 2003

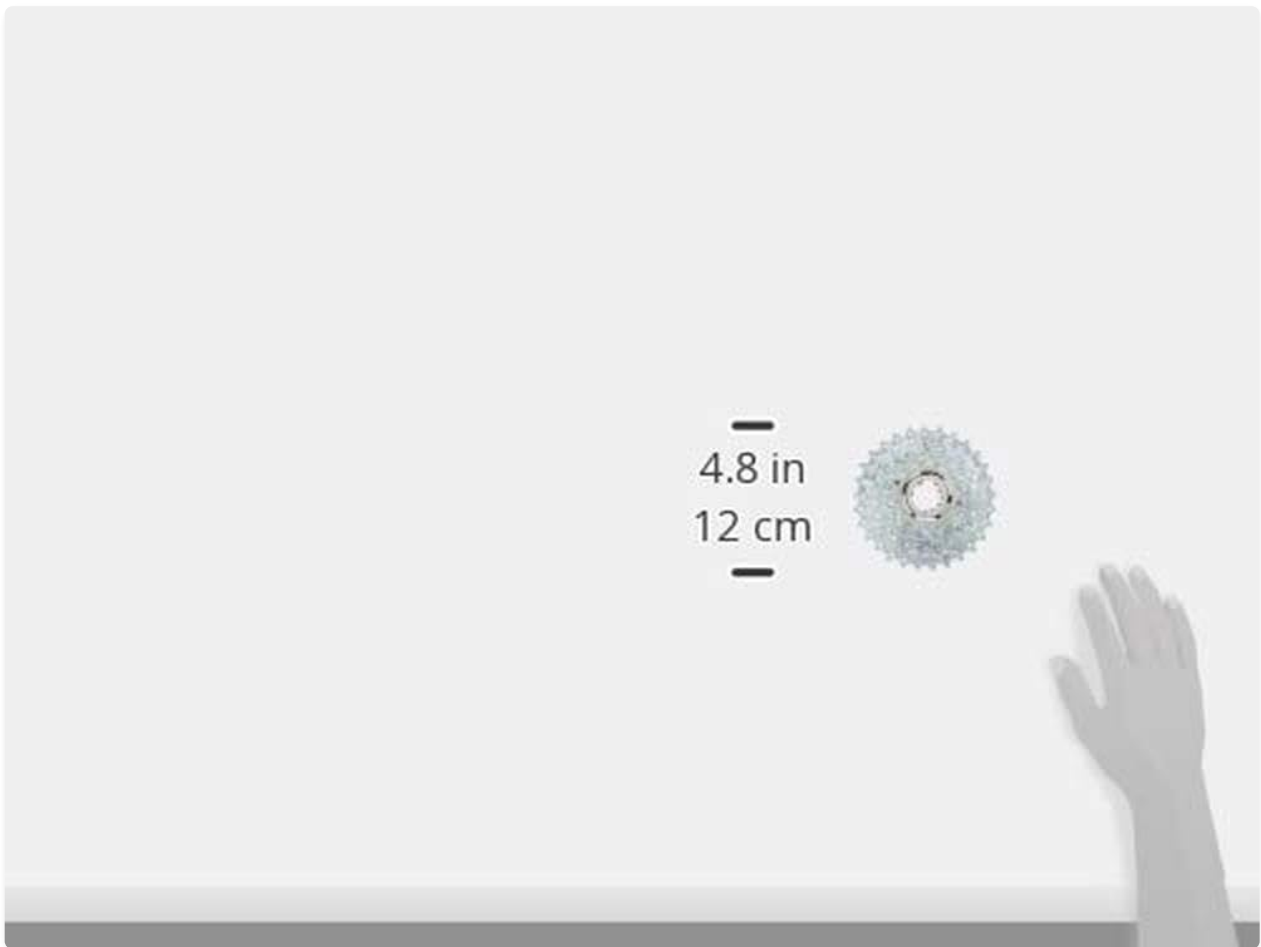


Image 6.1: Illustrative image showing approximate dimensions of the cassette.

7. WARRANTY INFORMATION

This Campagnolo Veloce 10 Speed Cassette is covered by a limited warranty. The specific terms and conditions of this warranty may vary by region and purchase location.

For detailed information regarding the warranty period, coverage, and claim procedures, please refer to the official Campagnolo warranty documentation provided with your product or visit the official Campagnolo website. Keep your proof of purchase for any warranty claims.

8. SUPPORT

Should you require technical assistance, have questions about installation, maintenance, or need to inquire about spare parts, please contact Campagnolo customer support.

Contact Information:

- **Official Website:** Visit the official Campagnolo website for support resources, FAQs, and contact details.
- **Authorized Service Centers:** Locate an authorized Campagnolo service center near you for professional assistance.