

LOOK Zed 2

LOOK Zed 2 Chainring User Manual

Model: Zed 2 (CRL3292)

1. PRODUCT OVERVIEW

The LOOK Zed 2 Chainring is engineered for high performance in cycling drivetrains. Specifically designed for compatibility with 10 and 11-speed chains, this 36-tooth chainring features a 110 BCD (Bolt Circle Diameter) and is optimized for the ZED 2 crankset. Its construction utilizes cold forged technology, which allows for a precise tooth design, enhancing the quality and speed of gear changes. The design prioritizes stiffness to ensure efficient power transfer without energy loss.

Key Features

- Compatible with 10 and 11-speed chains.
- Designed for optimal stiffness and performance with the ZED 2 crankset.
- Ultra-lightweight construction.
- Cold forged technology for precise and high-quality gear changes.
- 110 mm Bolt Circle Diameter.

Product Image



Image: The LOOK Zed 2 Chainring, a black, circular component with 36 teeth around its perimeter and five bolt holes for attachment to a crankset. The chainring is designed for bicycle drivetrains.

2. INSTALLATION GUIDE

The LOOK Zed 2 Chainring is designed for specific compatibility and requires careful installation to ensure optimal performance and safety. It is highly recommended that installation be performed by a qualified bicycle mechanic.

Compatibility

- **Crankset:** This chainring is specifically designed to be perfectly suited to the LOOK ZED 2 crankset spider. Its design provides enhanced stiffness for the crankset.
- **Chain:** Compatible with both 10-speed and 11-speed bicycle chains.
- **Bolt Circle Diameter (BCD):** Features a 110 mm BCD. Ensure your crankset has a matching BCD.

General Installation Steps (Consult a professional)

1. **Preparation:** Ensure your bicycle is stable, preferably on a repair stand. Gather necessary tools, including a chainring bolt wrench and appropriate hex keys.
2. **Remove Old Chainring (if applicable):** If replacing an existing chainring, carefully remove the chainring bolts and detach the old chainring from the crankset spider.
3. **Clean Components:** Thoroughly clean the crankset spider and chainring bolts to remove any dirt, grease, or old threadlocker.
4. **Position New Chainring:** Align the LOOK Zed 2 Chainring with the bolt holes on the ZED 2 crankset spider. Note that the chainring has 5 spider legs providing perfect cohesion. Ensure the chainring is oriented correctly (markings typically face outwards).
5. **Install Bolts:** Insert the chainring bolts through the chainring and into the crankset spider. Apply a small amount of threadlocker (medium strength) to the bolt threads if recommended by the crankset manufacturer.
6. **Tighten Bolts:** Gradually tighten the chainring bolts in a star pattern to the manufacturer's specified torque settings. Overtightening can damage components, while undertightening can lead to loosening during use.
7. **Final Check:** Spin the crankset to ensure the chainring runs true and there is no wobble. Check for proper chain engagement and smooth rotation.

Important: Always refer to the specific instructions provided with your LOOK ZED 2 crankset for detailed torque specifications and installation procedures. Incorrect installation can lead to component failure and injury.

3. OPERATION AND USAGE

Once properly installed, the LOOK Zed 2 Chainring functions as a critical part of your bicycle's drivetrain, transferring power from the pedals to the rear wheel via the chain. Its advanced design ensures efficient and precise gear changes.

Optimized Performance

- **Smooth Shifting:** The cold forged technology and complex tooth shape are engineered to improve the quality and speed of gear changes, providing a smooth transition between gears.
- **Power Transfer:** The inherent stiffness of the chainring, especially when paired with the ZED 2 crankset, minimizes energy loss, ensuring that more of your pedaling power is transferred directly to propulsion.
- **Durability:** Constructed for longevity, the chainring is designed to withstand the rigors of cycling, offering reliable performance over time.

Regular riding and proper shifting techniques will ensure the best performance and lifespan of your chainring. Avoid cross-chaining (using the largest chainring with the largest rear cog, or smallest with smallest) as this can accelerate wear.

4. MAINTENANCE

Proper maintenance is crucial for extending the lifespan and ensuring the optimal performance of your LOOK Zed 2 Chainring and the entire drivetrain.

Routine Maintenance

- **Cleaning:** Regularly clean the chainring, especially after riding in wet or dirty conditions. Use a degreaser and a brush to remove grime from the teeth and surfaces. Rinse thoroughly and dry.
- **Inspection for Wear:** Periodically inspect the chainring teeth for signs of wear, such as "shark finning" (teeth becoming pointed and hooked) or bending. Worn chainrings can lead to poor shifting and accelerated chain wear.
- **Bolt Check:** Check the chainring bolts periodically to ensure they are securely tightened to the manufacturer's recommended torque specifications. Loose bolts can cause creaking or damage.
- **Chain Condition:** A worn chain will accelerate chainring wear. Regularly check your chain for stretch and replace it when necessary.

If you notice significant wear or damage, it is recommended to replace the chainring to maintain optimal drivetrain performance and prevent damage to other components.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your chainring and provides general troubleshooting steps. For complex issues, consult a professional bicycle mechanic.

Problem	Possible Cause	Solution
Poor or Slow Shifting	Worn chainring teeth	Inspect chainring for wear; replace if necessary.
	Dirty or dry chainring/chain	Clean and lubricate chainring and chain.
	Incorrect front derailleur adjustment	Adjust front derailleur limit screws and cable tension.
	Worn chain	Replace worn chain.
Creaking Noise from Drivetrain	Loose chainring bolts	Check and tighten chainring bolts to specified torque.
	Dirt or grit between chainring and crankset	Remove chainring, clean contact surfaces, and reassemble.
	Worn bottom bracket or crankset	Inspect and service bottom bracket/crankset.
Chain Skipping or Dropping	Severely worn chainring teeth	Replace chainring.
	Worn chain	Replace chain.
	Bent chainring	Inspect for bends; replace if bent.

If these steps do not resolve the issue, or if you are unsure about performing any of these procedures, please seek assistance from a professional bicycle mechanic.

6. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	LOOK
Model Name	Zed 2
Part Number	CRL3292
Style	36 Teeth Chain Ring
Size	36t 110BCD
Color	Black
Compatibility	10 and 11 Speed Chains, ZED 2 Crankset
Item Weight	3.2 ounces
Item Dimensions (LxWxH)	11 x 9 x 0.1 inches
Manufacturer	Look
Model Year	2014

Specification	Detail
Date First Available	January 31, 2013

7. WARRANTY INFORMATION

The LOOK Zed 2 Chainring comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

The warranty does not cover damage resulting from:

- Improper installation or maintenance.
- Accidents, abuse, or neglect.
- Normal wear and tear (e.g., worn teeth from regular use).
- Modifications or repairs performed by unauthorized parties.

For warranty claims, please retain your proof of purchase and contact the retailer where the product was purchased or the official LOOK customer support channels.

8. CUSTOMER SUPPORT

For further assistance, technical inquiries, or support regarding your LOOK Zed 2 Chainring, please refer to the official LOOK resources.

- **Official LOOK Website:** Visit the official LOOK website for comprehensive product information, FAQs, and contact details.
- **Retailer Support:** Contact the authorized retailer from whom you purchased the product for immediate assistance.
- **Amazon Store:** You can also visit the official LOOK store on Amazon for product details and related items: [LOOK Amazon Store](#)

When contacting support, please have your product model name (Zed 2) and part number (CRL3292) ready.

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