

Shinko R525 Cheater Rear Tire (110/90-19 62M)

Shinko R525 Cheater Rear Tire User Manual

Model: Shinko R525 Cheater Rear Tire (110/90-19 62M)

Brand: Shinko

1. PRODUCT OVERVIEW

The Shinko R525 Cheater Rear Tire is a specialized off-road motorcycle tire designed for extreme single track and hard enduro conditions. It combines the soft, sticky rubber compound found in trials tires with a knobby tread pattern, offering superior traction across a wider range of soil conditions compared to traditional trials tires. This hybrid design aims to improve braking performance and traction in loose soil, making it an ideal choice for challenging off-road environments.

The R525 model excels in looser, loamier soil conditions, providing enhanced confidence for riders navigating demanding terrain.





Figure 1.1: Side view of the Shinko R525 Cheater Rear Tire, showcasing its aggressive knobby tread pattern.

2. INSTALLATION AND SETUP

Proper installation of the Shinko R525 Cheater Rear Tire is critical for safety and performance. It is highly recommended that tire installation be performed by a qualified professional using appropriate tools and safety procedures.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure the motorcycle is securely supported on a stand before beginning work.
- Never attempt to mount a tire without proper bead lubrication and inflation equipment.
- Refer to your motorcycle's owner's manual for specific wheel removal and installation procedures.

2.2 Mounting Instructions (General Guidelines)

1. **Remove Old Tire:** Deflate the old tire, break the beads, and carefully remove it from the rim.
2. **Inspect Rim:** Thoroughly inspect the rim for any damage, cracks, or sharp edges. Clean the rim thoroughly.
3. **Lubricate:** Apply a generous amount of tire mounting lubricant to both beads of the new Shinko R525 tire and the rim flanges.
4. **Position Tire:** Place one bead of the tire over the rim. For the second bead, use tire irons carefully, taking small bites to avoid pinching the inner tube (if applicable) or damaging the tire bead or rim.
5. **Install Inner Tube (if applicable):** If using an inner tube, slightly inflate it before inserting it into the tire to prevent pinching.
6. **Inflate Tire:** Slowly inflate the tire, ensuring both beads seat properly on the rim. Listen for two distinct "pops" as the beads seat. Do not exceed the maximum seating pressure indicated on the tire sidewall.
7. **Check Bead Seating:** Visually inspect the tire around the entire circumference on both sides to ensure the beads are evenly seated. There should be a uniform line visible just above the rim flange.
8. **Adjust Pressure:** Once seated, adjust the tire pressure to the recommended operating pressure for your specific riding conditions and motorcycle.



Figure 2.1: Close-up view of the Shinko R525 Cheater Rear Tire's aggressive tread blocks, designed for maximum grip.

3. OPERATING CONDITIONS AND PERFORMANCE

The Shinko R525 Cheater Rear Tire is engineered for optimal performance in specific off-road conditions. Understanding its design intent will help maximize its benefits.

3.1 Intended Use

- **Hard Enduro:** Excels in technical, rocky, and root-filled terrain where maximum traction is paramount.
- **Extreme Single Track:** Designed to find grip in challenging, low-speed, high-traction situations.
- **Looser, Loamier Soil:** The R525 variant is particularly effective in softer, less compacted dirt, providing superior drive and control.

3.2 Performance Characteristics

- **Enhanced Traction:** The soft, sticky rubber compound combined with aggressive knobby tread provides exceptional grip over obstacles and varied surfaces.
- **Improved Braking:** The knobby pattern offers better braking performance in loose soil compared to pure trials tires.
- **Confidence Building:** The tire's ability to find traction in difficult conditions can significantly boost rider confidence.





Figure 3.1: Top-down view highlighting the unique tread pattern of the Shinko R525 Cheater Rear Tire, optimized for off-road grip.

4. MAINTENANCE

Regular maintenance extends the life of your Shinko R525 Cheater Rear Tire and ensures consistent performance.

4.1 Tire Pressure

- Check tire pressure before every ride, especially for off-road use where pressure can significantly impact performance and traction.
- Refer to your motorcycle's manual and tire manufacturer recommendations for optimal pressure settings. Off-road pressures are typically lower than street pressures.
- Adjust pressure based on terrain, rider weight, and load.

4.2 Inspection

- Regularly inspect the tire for cuts, punctures, cracks, or embedded foreign objects.
- Check for uneven wear patterns, which could indicate suspension issues or improper inflation.
- Monitor tread depth. Replace the tire when the tread is worn down to the wear indicators or when traction significantly diminishes.
- Inspect the sidewalls for any signs of damage or bulging.

4.3 Cleaning and Storage

- Clean the tire after rides, especially if ridden in mud or corrosive substances, to prevent degradation of the rubber.
- Store tires in a cool, dry place away from direct sunlight, ozone-generating equipment (e.g., electric motors), and chemicals.





Figure 4.1: Full top-down view of the Shinko R525 Cheater Rear Tire, showing the complete tread pattern from bead to bead.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Shinko R525 Cheater Rear Tire.

Issue	Possible Cause	Solution
Loss of Traction / Poor Grip	Incorrect tire pressure (too high or too low), worn tread, unsuitable terrain for tire type, suspension issues.	Adjust tire pressure to recommended levels for terrain. Inspect tread wear. Ensure tire is suitable for conditions. Check motorcycle suspension.
Uneven Tread Wear	Improper tire pressure, unbalanced wheel, worn suspension components, aggressive riding style.	Maintain correct tire pressure. Have wheel balanced. Inspect and service suspension. Adjust riding style.
Frequent Punctures	Low tire pressure, sharp objects in riding area, old or damaged inner tube (if applicable), rim strip issues.	Maintain proper tire pressure. Avoid riding over sharp debris. Replace inner tube if damaged. Inspect and replace rim strip. Consider heavy-duty tubes or tubeless conversion if applicable.
Tire Wobble / Vibration	Improperly seated bead, unbalanced wheel, damaged tire, bent rim.	Re-seat tire bead. Have wheel balanced. Inspect tire for damage. Check rim for trueness. Seek professional assistance if issue persists.

6. SPECIFICATIONS

Key technical specifications for the Shinko R525 Cheater Rear Tire (110/90-19 62M):

Attribute	Value
Brand	Shinko
Model	R525 Cheater Rear Tire
Tire Size	110/90-19

Attribute	Value
Load Rating	62 (Equivalent to 584 lbs / 265 kg)
Speed Rating	M (Up to 81 mph / 130 km/h)
Rim Size	19 Inches
Tire Type	Off-road, Hybrid Hard Enduro / Extreme Single Track
Application	Rear
UPC	644978374246
Manufacturer Part Number	87-4328S

7. WARRANTY INFORMATION

Shinko Tires typically come with a limited warranty covering manufacturing defects. Specific warranty terms and conditions may vary by region and product. For detailed warranty information, please refer to the official Shinko Tires website or contact your authorized Shinko dealer. Keep your proof of purchase for any warranty claims.

8. CUSTOMER SUPPORT



For technical assistance, product inquiries, or support regarding your Shinko R525 Cheater Rear Tire, please contact Shinko Tires customer service or your local authorized dealer. You can usually find contact information on the official Shinko Tires website.

When contacting support, please have your tire's model number (R525 Cheater Rear Tire), size (110/90-19), and any relevant purchase information ready.

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This manual is for informational purposes only. Always consult a professional for installation and maintenance.

Related Documents - R525 Cheater Rear Tire (110/90-19 62M)

	<p>Adventure Bike Rider Tyre Guide: Choosing the Right Tires for Your Motorcycle</p> <p>A comprehensive guide from Adventure Bike Rider magazine on selecting adventure motorcycle tires. Covers knobbly vs. tubeless, tire pressures, 80/20, 50/50, and road touring tire types from Metzeler and Pirelli, with UK route suggestions.</p>
	<p>Slime Tire Care Products Catalog and Guide</p> <p>Explore the comprehensive range of Slime tire sealants, inflators, repair kits, and accessories designed for automotive, bicycle, and industrial use. Learn about Slime's commitment to environmental safety and product innovation.</p>



[Rabaconda Street Bike Tire Changer User Manual - Efficient Tire Changing Guide](#)

Comprehensive user manual for the Rabaconda Street Bike Tire Changer. Provides detailed instructions on assembly, operation, safety precautions, maintenance, and warranty information for motorcycle tire changes.



[Regrooving Recommendations for Goodyear Truck Tyres](#)

A comprehensive guide detailing regrooving recommendations for various Goodyear truck tire models, including specific tread patterns, wear stages, and optimal regrooving depths and widths.

HYBRID RECORDER
HR-706
(DOT PRINTING)
INSTRUCTION MANUAL



[Shinko HR-706 Hybrid Recorder \(Dot Printing\) Instruction Manual](#)

This comprehensive instruction manual provides detailed guidance for the Shinko HR-706 Hybrid Recorder. It covers essential information on safe operation, installation, wiring, device settings, communication protocols, maintenance procedures, troubleshooting common issues, and technical specifications to ensure optimal performance and longevity of the instrument.

WIRELESS TIRE PRESSURE AND
TEMPERATURE MONITORING SYSTEM

TPMS
Instruction Manual
Model no.: MB-2N



[Motorcycle TPMS MB-2N: Wireless Tire Pressure and Temperature Monitoring System Instruction Manual](#)

Comprehensive instruction manual for the Motorcycle TPMS Model MB-2N. Learn about installation, setup, features, and specifications of this wireless tire pressure and temperature monitoring system for enhanced safety and performance.