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> Shinko SR244 Dual Sport Tire Set Instruction Manual for Honda XR250L, SL350K, XR650L

Shinko SR244

Shinko SR244 Dual Sport Tire Set Instruction Manual

FOR HONDA XR250L, SL350K, XR650L MOTORCYCLES

1. Introduction and Product Overview

The Shinko SR244 dual sport tire set is engineered for motorcycles requiring versatile performance across various terrains, including both paved roads and off-road trails. This set provides a comprehensive solution for tire replacement, featuring a front tire, a rear tire, inner tubes, and rim strips. The SR244 series is designed with a 70% on-road and 30% off-road tread pattern, offering a balanced grip for diverse riding conditions. These tires are DOT approved and feature a robust 4-ply rating for durability.

This tire set is compatible with specific Honda motorcycle models:

- Honda XR250L (1991-1996)
- Honda SL350K (1972-1973)
- Honda XR650L (1993-2017)



Image of the Shinko SR244 Dual Sport Tire Set, showcasing the tread pattern suitable for both on-road and off-road use. This image displays the general appearance of the tires included in the set.

2. Important Safety Information

Always prioritize safety during tire installation and maintenance. Incorrect procedures can lead to serious injury or death. Adhere to the following guidelines:

- **Consult Your Motorcycle Manual:** Always refer to your motorcycle's official service manual for specific tire installation, removal, and maintenance procedures, including torque specifications for wheel fasteners.
- **Tire Compatibility:** Verify that the tire sizes and specifications (load index, speed rating) match your motorcycle manufacturer's recommendations.
- **Professional Installation:** If you are not experienced with tire installation, seek assistance from a qualified motorcycle technician.
- **Proper Inflation:** Ensure tires are inflated to the correct pressure specified by your motorcycle manufacturer, not just the maximum pressure listed on the tire sidewall.
- **Wheel Balancing:** Always balance wheels after tire installation to prevent vibrations and ensure stable handling.
- **Inspect for Damage:** Before and after installation, thoroughly inspect tires and rims for any damage, cuts, or deformities.

3. Setup and Installation

This section outlines the general steps for installing the Shinko SR244 tire set. Specific details may vary by motorcycle model; always consult your motorcycle's service manual.

Required Tools:

- Tire irons
- Rim savers
- Valve stem tools
- Tire pressure gauge
- Wheel balancing equipment (recommended)
- Torque wrench
- Tire bead lubricant

Installation Steps:

1. **Preparation:** Before beginning, verify that the new tire sizes (Front: 21-54L, Rear: 18-63P) match your motorcycle's requirements. Safely lift the motorcycle using a suitable stand and remove the wheels according to your motorcycle's service manual.
2. **Remove Old Components:** Deflate and carefully remove the old tires, inner tubes, and rim strips from the rims. Dispose of old tires responsibly.
3. **Rim Inspection:** Thoroughly inspect the rims for any signs of damage, cracks, corrosion, or sharp edges. Clean the rims as necessary.
4. **Install Rim Strips:** Place the new rim strips inside the rim, ensuring they completely cover the spoke nipples to protect the inner tube from abrasion.
5. **Lubricate and Insert Tube:** Lightly apply tire bead lubricant to the tire beads and the new inner tube. Carefully insert the inner tube into the tire, ensuring the valve stem is aligned with the valve stem hole in the rim.
6. **Mount Tire:** Begin mounting the tire onto the rim. Ensure the rotational direction arrow on the tire sidewall (if present) points in the correct direction for forward rotation. Use tire irons and rim savers to carefully work the tire beads over the rim, avoiding pinching the inner tube.
7. **Initial Inflation and Seating:** Inflate the tire slowly. As the tire inflates, the beads should seat against the rim with two distinct 'pops'. Do not exceed the maximum inflation pressure indicated on the tire sidewall during this seating process.
8. **Final Inflation and Leak Check:** Once beads are seated, deflate the tire to the recommended operating pressure

for your motorcycle (refer to your motorcycle's owner's manual). Check for any air leaks around the valve stem and tire beads using soapy water.

9. **Wheel Balancing:** Balance the wheel assembly using appropriate equipment. Proper balancing is critical for smooth operation, reduced vibration, and extended tire life.
10. **Reinstallation:** Reinstall the balanced wheels onto the motorcycle. Ensure all axle nuts and other fasteners are torqued to the manufacturer's specifications using a torque wrench.

4. Operating Considerations

The Shinko SR244 tires are designed for a balanced performance with a 70% on-road and 30% off-road usage profile. Consider the following for optimal operation:

- **Tire Break-in:** New tires require a break-in period of approximately 100 miles. During this time, avoid aggressive acceleration, hard braking, and extreme lean angles to allow the tire surface to scuff in and achieve optimal grip.
- **Tire Pressure:** Always check and adjust tire pressure before each ride. Incorrect tire pressure significantly affects handling, stability, fuel efficiency, and tire wear. Refer to your motorcycle's owner's manual for recommended pressures.
- **Surface Transitions:** Be mindful when transitioning between paved roads and off-road surfaces. Traction characteristics will change, requiring adjustments to speed and riding technique.
- **Wet and Loose Conditions:** While designed for dual-sport use, traction will be reduced on wet, muddy, sandy, or gravel surfaces compared to dry pavement. Exercise caution and reduce speed in such conditions.
- **Load Capacity:** Do not exceed the maximum load capacity specified for the tires and your motorcycle. Overloading can lead to tire failure and unsafe handling.

5. Maintenance

Regular maintenance is crucial for the longevity and safe performance of your Shinko SR244 tires.

- **Tire Pressure Checks:** Check tire pressure weekly, or before every ride, using an accurate gauge. Adjust to the motorcycle manufacturer's recommended cold inflation pressures.
- **Tread Wear Inspection:** Regularly inspect the tire tread for wear, cuts, punctures, and embedded foreign objects. Replace tires when the tread wear indicators (small bars molded into the tread grooves) become flush with the tread surface, or if significant damage is present.
- **Sidewall Inspection:** Examine tire sidewalls for cracks, bulges, or other signs of damage. Any such damage warrants immediate tire replacement.
- **Cleaning:** Clean tires with mild soap and water. Avoid using harsh chemical cleaners, petroleum-based products, or tire dressings that can degrade the rubber compound.
- **Storage:** If storing the motorcycle for an extended period, ensure the tires are off the ground to prevent flat spots. Store in a cool, dry place away from direct sunlight, heat sources, and ozone-producing equipment (e.g., electric motors).

6. Troubleshooting

This section provides guidance for common issues you might encounter with your tires.

Problem	Possible Causes	Solution
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Problem	Possible Causes	Solution
Rapid or uneven tire wear	Incorrect tire pressure, improper wheel alignment, unbalanced wheels, aggressive riding style, worn suspension components.	Check and adjust tire pressure, inspect alignment, balance wheels, adjust riding habits, inspect suspension components for wear.
Poor handling or vibration	Incorrect tire pressure, unbalanced wheels, damaged tire or rim, loose wheel fasteners.	Check and adjust tire pressure, balance wheels, inspect tires and rims for damage, verify wheel fastener torque.
Persistent air loss	Puncture, faulty valve stem, improperly seated tire bead, damaged inner tube.	Inspect for punctures and repair professionally if possible, replace faulty valve stem, re-seat tire bead, replace inner tube if damaged.

7. Specifications

- **Brand:** Shinko
- **Model:** SR244
- **Tread Design:** 70% On-Road / 30% Off-Road
- **Construction:** 4-ply rating
- **Front Tire Size:** 21 inches (54L Load Index, L Speed Rating)
- **Rear Tire Size:** 18 inches (63P Load Index, P Speed Rating)
- **Load Capacity (per tire):** 386 Pounds (based on 54L load index)
- **DOT Approved:** Yes
- **Compatible Motorcycles:** Honda XR250L (1991-1996), SL350K (1972-1973), XR650L (1993-2017)
- **Manufacturer Part Number:** TK32-09

8. Warranty and Support

For detailed warranty information regarding your Shinko SR244 Dual Sport Tire Set, please refer to the official Shinko Tires website or consult your authorized Shinko dealer.

For technical support, installation assistance, or any other product-related inquiries, please contact 4into1 customer service. You can find their contact information and additional resources on their official website: [4into1 Store](#).

