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IRC M5B EVO Rear Tire - 110/90-19

IRC M5B EVO Rear Tire 110/90-19 (Model 87-5756) Instruction Manual

Brand: IRC | Model: M5B EVO Rear Tire - 110/90-19

1. INTRODUCTION

The IRC M5B EVO Rear Tire is engineered for superior performance in challenging off-road conditions, specifically designed for mud, soft sand, and demanding hill climbs. This tire incorporates advanced features such as optimized block spacing for self-cleaning and an all-new rubber compound for enhanced grip and durability. This manual provides essential information for the proper installation, usage, and maintenance of your IRC M5B EVO Rear Tire to ensure optimal performance and longevity.



Figure 1: IRC M5B EVO Rear Tire (Model 87-5756). This image displays the full profile of the tire, highlighting its deep, widely spaced tread blocks designed for maximum traction in soft terrain.

2. SAFETY INFORMATION

Adhering to safety guidelines is crucial for tire installation and operation. Failure to follow these instructions can result in serious injury or damage.

- **Professional Installation:** It is highly recommended that tire installation be performed by a qualified professional using appropriate tools and techniques.
- **Correct Tire Pressure:** Always maintain the tire pressure recommended by your vehicle manufacturer. Incorrect pressure can lead to poor handling, premature wear, and tire failure.
- **Regular Inspection:** Before each ride, inspect the tire for cuts, punctures, bulges, or excessive wear. Do not use a damaged tire.
- **Load and Speed Ratings:** Ensure the tire's load and speed ratings are appropriate for your vehicle and intended use. This tire has a load capacity of 889 pounds.
- **Directional Mounting:** Observe any directional arrows on the tire sidewall and mount the tire accordingly.

3. INSTALLATION GUIDELINES

Proper installation is vital for tire performance and safety. Consult a professional if you are unsure about any step.

1. **Verify Compatibility:** Confirm that the tire size (110/90-19) and specifications match your vehicle's requirements.
2. **Rim Preparation:** Ensure the rim is clean, free of damage, and has a compatible rim width (19 inches).
3. **Mounting Direction:** Identify any rotational arrows on the tire sidewall and mount the tire so it rotates in the indicated direction when the vehicle moves forward.
4. **Lubrication:** Apply a suitable tire mounting lubricant to the tire beads and rim flanges to facilitate smooth installation and prevent damage.
5. **Bead Seating:** Inflate the tire slowly and evenly to seat the beads. Listen for two distinct pops, indicating both beads are properly seated. Do not exceed the maximum seating pressure indicated on the tire sidewall.
6. **Initial Inflation:** Once beads are seated, adjust the tire pressure to the recommended operating pressure for your vehicle and riding conditions.





Figure 2: Close-up of IRC M5B EVO Tread Pattern. This image provides a detailed view of the block pattern, illustrating the optimized spacing and tapered angles designed to enhance self-cleaning and handling in soft, loamy conditions.

4. USAGE RECOMMENDATIONS

The IRC M5B EVO Rear Tire is specifically designed for optimal performance in certain off-road environments.

- **Intended Terrain:** This tire excels in mud, soft sand, and challenging hill climb situations due to its aggressive tread and self-cleaning properties.
- **Tire Pressure Adjustment:** Adjust tire pressure based on terrain and rider weight. Lower pressures can increase traction in soft conditions but may increase the risk of pinch flats or rim damage. Higher pressures

are suitable for harder surfaces or when greater stability is required. Always consult your vehicle's manual for recommended pressure ranges.

- **Break-in Period:** New tires require a short break-in period to achieve full grip. Ride cautiously for the first few miles.

5. MAINTENANCE AND CARE

Regular maintenance extends the life of your tire and ensures consistent performance.

- **Tire Pressure:** Check tire pressure before every ride using an accurate gauge. Adjust as necessary.
- **Visual Inspection:** Regularly inspect the tire for signs of wear, cuts, cracks, or embedded objects. Remove any foreign objects carefully.
- **Tread Wear:** Monitor tread depth. Replace the tire when the tread wear indicators are flush with the tread surface, or when traction significantly diminishes.
- **Cleaning:** After riding, clean the tire to remove mud, dirt, and debris. This helps prevent material buildup and allows for better inspection.
- **Storage:** Store tires in a cool, dry place away from direct sunlight, heat sources, and chemicals that can degrade rubber.

6. TROUBLESHOOTING COMMON ISSUES

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

- **Loss of Traction:** Ensure tire pressure is appropriate for the terrain. Inspect tread for excessive wear or damage. Consider if the tire is suitable for the current riding conditions.
- **Rapid or Uneven Wear:** Verify correct tire pressure. Check for proper wheel alignment and suspension settings on your vehicle. Avoid excessive wheel spin.
- **Punctures/Flats:** Small punctures may be repairable by a professional, depending on their location and size. For significant damage, tire replacement is necessary. Always carry a repair kit or spare tube when riding off-road.
- **Vibration:** Check for proper tire balance (if applicable) and ensure the tire is correctly seated on the rim. Inspect for any damage or deformation of the tire or rim.

7. PRODUCT SPECIFICATIONS

Detailed specifications for the IRC M5B EVO Rear Tire (Model 87-5756).

Specification	Value
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Specification	Value
Brand	IRC
Model	M5B EVO Rear Tire - 110/90-19
Item Model Number	87-5756
Size	110/90-19
Section Width	110 Millimeters
Load Capacity	889 Pounds
Tread Type	Non-Directional
Rim Width	19 Inches
Tire Diameter	27.2 Inches
Item Weight	13 Pounds
Automotive Fit Type	Universal Fit
Vehicle Tire ISO Metric Size Description	110/90-19R

8. WARRANTY AND CUSTOMER SUPPORT

IRC products are manufactured to high standards. For specific warranty information regarding your M5B EVO Rear Tire, please refer to the warranty documentation provided with your purchase or visit the official IRC Tires website. For technical assistance, product inquiries, or support, please contact IRC customer service through their official channels.

Please retain your proof of purchase for any warranty claims.