

INJORA CRAW18063

INJORA 1.9 Crawler Rubber Tires 120mm Instruction Manual

Model: CRAW18063

1. INTRODUCTION

This instruction manual provides essential information for the proper setup, operation, and maintenance of your INJORA 1.9 Crawler Rubber Tires. Please read this manual thoroughly to ensure optimal performance and longevity of your product.

2. PRODUCT OVERVIEW

The INJORA 1.9 Crawler Rubber Tires are designed for 1:10 scale RC rock crawlers, offering enhanced traction and durability. These tires feature a high-quality rubber compound and come with soft foam inserts for improved performance on various terrains.

- **Material:** High-quality rubber with soft foam inserts.
- **Compatibility:** Designed for 1.9 inch beadlock wheels. Compatible with models such as Traxxas TRX-4, Axial SCX10, SCX10 II (90046, 90047), SCX10 III (AXI03007), D90, and D110.
- **Tread Pattern:** Large, deep lugs provide exceptional traction in rock and mud conditions.



Figure 2.1: A set of four INJORA 1.9 Crawler Rubber Tires.



Figure 2.2: Close-up of the tire's deep and aggressive lug pattern for superior grip.

3. SETUP AND INSTALLATION

These tires are designed for use with 1.9 inch beadlock wheels, eliminating the need for glue and simplifying tire changes. Follow these general steps for installation:

1. Disassemble your 1.9 inch beadlock wheel according to the wheel manufacturer's instructions.
2. Place the included soft foam insert inside the INJORA 1.9 rubber tire. Ensure the foam is seated correctly within the tire carcass.
3. Mount the tire and foam assembly onto the beadlock wheel. Carefully align the tire beads with the inner and outer rings of the beadlock wheel.
4. Secure the beadlock rings with the appropriate screws, tightening them evenly in a star pattern to ensure a proper seal and prevent tire slippage.
5. Repeat the process for all four tires.

Video 3.1: An official INJORA video demonstrating the features and installation of 1.9 crawler tires, including the deep lug pattern and overall design.

4. OPERATING GUIDELINES

These tires are engineered for optimal performance in challenging RC crawling environments. The aggressive tread pattern excels in:

- **Rock Crawling:** The deep lugs and soft rubber compound conform to irregular surfaces, providing maximum grip.
- **Mud and Loose Dirt:** The open tread design helps to clear mud and debris, maintaining traction.
- **Varied Terrain:** Suitable for wood, grass, and other off-road conditions.

Adjust your driving style to the terrain. For maximum traction, allow the tires to flex and conform to obstacles. Avoid excessive wheel spin on loose surfaces to prevent premature wear.

5. MAINTENANCE

Regular maintenance will extend the life and performance of your INJORA tires:

- **Cleaning:** After each use, especially in mud or dirt, clean the tires with water to remove debris. This prevents build-up that can affect traction and tire integrity.
- **Inspection:** Periodically inspect tires for cuts, tears, or excessive wear. Check beadlock screws for tightness.
- **Foam Inserts:** Standard foam inserts can absorb water, leading to degradation and unpleasant odors over time. If frequently running in wet conditions, consider upgrading to silicone rubber inserts, which are waterproof and maintain their structure better.

Video 5.1: An official INJORA video showcasing the benefits of silicone rubber inserts, including their waterproof properties and ability to maintain sidewall stiffness compared to traditional foam inserts.



Figure 5.1: Waterproof silicone insert, an alternative to standard foam for wet conditions.



Figure 5.2: The soft and flexible nature of the silicone rubber insert.

6. TROUBLESHOOTING

If you encounter issues with your tires, consider the following:

- **Tire Folding Under Load:** This can occur during side-hilling or under heavy vehicle weight. Ensure beadlock screws are properly tightened. Upgrading to stiffer foam inserts or silicone inserts can

significantly improve sidewall support and prevent folding.

- **Reduced Traction:** Check for debris lodged in the tread pattern. Ensure tires are clean. If tires are old or heavily used, the rubber compound may have hardened, reducing grip.
- **Tire Slippage on Wheel:** Re-check beadlock screw tightness. Ensure the tire beads are correctly seated within the wheel's channels.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	9.84 x 1.97 x 9.84 inches
Item Weight	15.2 ounces
Item Model Number	CRAW18063
Manufacturer	INJORA
Recommended Age	12 years and up
What's in the Box	4 * RC Car 1.9 Inch Tires



Figure 7.1: Diagram showing the dimensions of the INJORA 1.9 tire (123mm outer diameter, 45mm width).

8. WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding your INJORA products, please refer to the official INJORA website or contact your retailer. Keep your purchase receipt as proof of purchase.

You can visit the official INJORA store for more products and information:[INJORA Store](#)