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INJORA 4M-97BK

INJORA 46g Black Coating Brass High Clearance Links Set (4M-97BK)

Instruction Manual for TRX4M High Trail K10 F150 1/18 RC Crawler Upgrade

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your INJORA 46g Black Coating Brass High Clearance Links Set. Designed specifically for the TRX4M High Trail K10 and F150 1/18 RC Crawlers, these links enhance your vehicle's performance by improving ground clearance and optimizing weight distribution.

2. Safety Information

- This product contains small parts and is not suitable for children under 14 years of age. Adult supervision is recommended.
- Exercise caution during installation to avoid sharp edges.
- Always ensure all screws and fasteners are securely tightened after installation to prevent parts from loosening during operation.
- Keep hands and loose clothing away from moving parts of the RC vehicle.

WARNING:
CHOKING HAZARD - Small parts. Not for children under 14 years. SHARP EDGES - Handle with care during assembly.



Image 2.1: Product packaging showing safety warnings and age recommendation.

3. Package Contents

Verify that all components are present before beginning installation.

- Brass High Clearance Links (various lengths for front and rear)
- Brass Link Balls
- Mounting Hardware (screws, O-rings, etc.)



Image 3.1: Overview of the INJORA Brass Link Set components.

4. Specifications

Material	Brass with Black Coating

Weight	1.76 ounces (approx. 46g total set)
Compatibility	TRX4M High Trail K10, TRX4M High Trail F150 (1/18 Scale RC Crawlers)
Incompatibility	TRX4M Defender, TRX4M Bronco
Features	High clearance bent design, CNC machined, brass link balls

5. Setup and Installation

The INJORA 46g Black Coating Brass High Clearance Links are designed as a direct replacement for the stock plastic links on compatible TRX4M models. Follow these steps for installation:

1. **Prepare Your Vehicle:** Carefully remove the body of your TRX4M High Trail K10 or F150 to access the chassis and suspension links.
2. **Remove Stock Links:** Systematically remove the existing plastic suspension links. It is recommended to replace one link at a time or work on one axle completely before moving to the next to maintain orientation.
3. **Install Brass Links:** Attach the new INJORA brass links using the provided hardware. Ensure the bent sections of the links are oriented correctly to maximize clearance. The links are etched with the INJORA logo for easy identification.
4. **Secure Connections:** Ensure all screws are tightened securely, but do not overtighten to avoid stripping threads. Verify that the brass link balls are properly seated.
5. **Check Clearance:** After installation, articulate the suspension to ensure there is no binding or interference with other components, especially the driveshaft. The bent design is intended to provide increased clearance.



Image 5.1: The INJORA brass links installed on compatible TRX4M K10 and F150 models, showcasing their appearance.

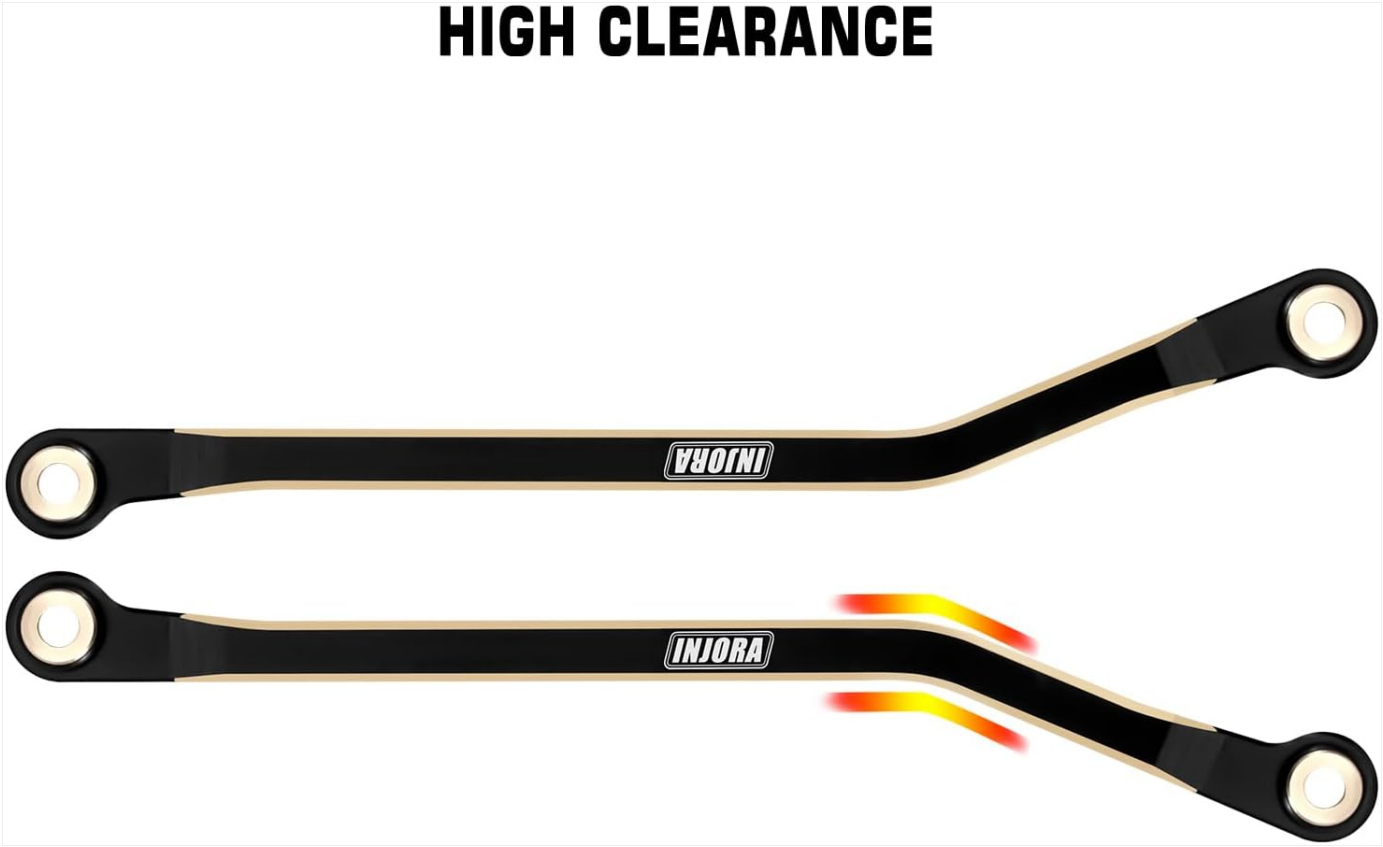


Image 5.2: Diagram demonstrating the high clearance design of the links, highlighting the bent shape for obstacle avoidance.

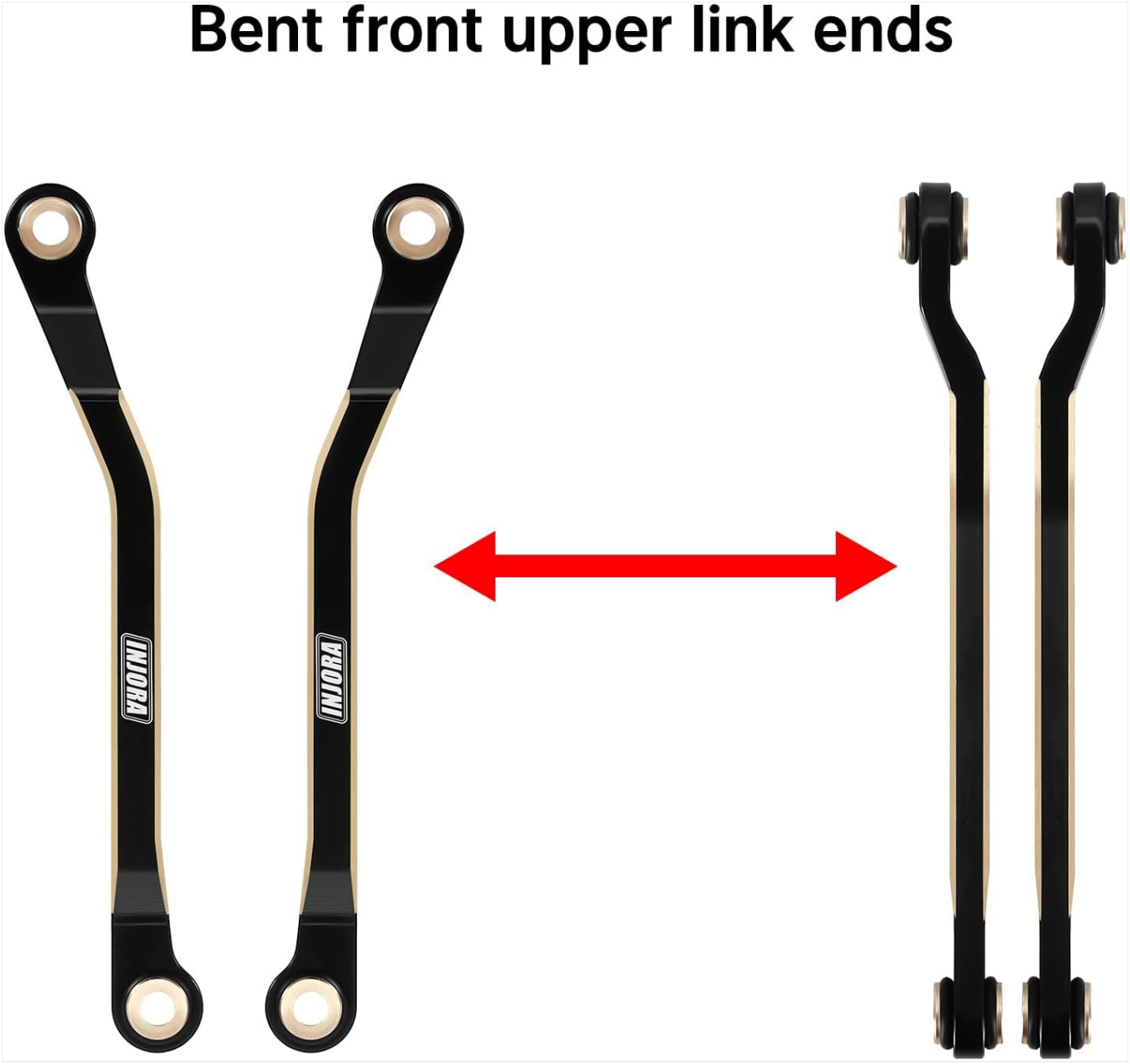


Image 5.3: Illustration of the bent front upper link ends, designed to optimize articulation and prevent interference.



Image 5.4: Detailed view of the CNC machined brass links and the included brass link balls, emphasizing material quality.

6. Operating Benefits

Once installed, the INJORA High Clearance Links provide several operational advantages for your RC crawler:

- **Improved Ground Clearance:** The bent design of these links significantly increases the ground clearance, allowing your crawler to navigate over larger obstacles without getting hung up.
- **Enhanced Approach Angles:** Better clearance contributes to improved approach and departure angles, making it easier to climb steep inclines and descend challenging terrains.
- **Increased Stability:** The added weight of the brass links, particularly in the lower chassis, helps to lower the vehicle's center of gravity. This results in improved crawling stability and reduced chances of rollovers on uneven surfaces.

- **Durability:** Crafted from durable brass, these links offer superior strength and longevity compared to stock plastic components, withstanding the rigors of aggressive crawling.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your INJORA brass links:

- **Cleaning:** After each use, especially in dirty or wet conditions, clean the links and surrounding areas to remove dirt, mud, and debris. A soft brush and mild soap with water can be used. Ensure all parts are dry before storage.
- **Inspection:** Periodically inspect the links for any signs of wear, bending, or damage. Check the brass link balls and mounting points for looseness or excessive play.
- **Fastener Check:** Ensure all screws and fasteners remain tight. Vibrations from operation can sometimes cause fasteners to loosen over time.
- **Lubrication:** While brass links generally do not require lubrication, ensure that any moving parts they connect to (e.g., shock mounts, axle housings) are properly maintained according to your RC vehicle's manual.

8. Troubleshooting

Problem	Possible Cause	Solution
Links rubbing on driveshaft	Incorrect orientation during installation or extreme articulation.	Verify the links are installed with the bent sections providing maximum clearance. Ensure the driveshaft is properly aligned. In some extreme articulation scenarios, minor rubbing may occur, but should not impede function significantly.
Loose links or excessive play	Fasteners are not tight enough or worn link balls.	Tighten all mounting screws. Inspect brass link balls for wear and replace if necessary.
Reduced suspension travel	Interference with other chassis components or incorrect link length.	Ensure no other components are obstructing link movement. Double-check that the correct length links are installed in their designated positions (e.g., front vs. rear, upper vs. lower).

9. Warranty Information

INJORA products are manufactured to high-quality standards. For specific warranty details regarding your INJORA 46g Black Coating Brass High Clearance Links Set, please refer to the warranty information provided with your purchase or visit the official INJORA website. Keep your proof of purchase for any warranty claims.

10. Customer Support

If you have any questions, require technical assistance, or need to report a missing part, please contact INJORA customer support through the following channels:

- **Email:** Refer to your product packaging or the official INJORA website for the most current contact email.
- **Website:** Visit the INJORA Store on Amazon for product information and support resources.
- **Social Media:** Follow INJORA on social media platforms (e.g., Facebook, Instagram, TikTok) for updates and community support.

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