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› INJORA RC Shock Flex Blades Instruction Manual

INJORA 4M-33

INJORA RC Shock Flex Blades Instruction Manual

Brand: [INJORA](#) | Model: [4M-33](#)

1. PRODUCT OVERVIEW

The INJORA RC Shock Flex Blades are CNC machined aluminum accessories designed to enhance the suspension articulation of your 1/18 scale TRX4M Defender or Bronco RC Crawler. These blades replace the stock shock mounts, allowing for significantly increased chassis flex and improved off-road performance, particularly over uneven terrain.

2. WHAT'S INCLUDED

Your INJORA RC Shock Flex Blades package includes the following components:

- 4 x Upper Flex Blades (labeled FUR, RUR, FUL, RUL)
- 4 x Lower Flex Blades (labeled FLL, RLR, RLL)
- Mounting Screws (various lengths)
- Brass Bushings



Figure 2.1: Complete set of INJORA RC Shock Flex Blades components.



Figure 2.2: Detailed view of the upper flex blades.



Figure 2.3: Detailed view of the lower flex blades.

3. SAFETY INFORMATION

WARNING: CHOKING HAZARD and Be Careful of SHARP EDGES. Not for children under 14 years.

This product contains small parts that may pose a choking hazard. Keep out of reach of young children. Exercise caution when handling the aluminum components as they may have sharp edges. Always wear appropriate safety gear, such as eye protection, during installation and maintenance.



WARNING:



WARNING: CHOKING HAZARD and Be Careful of SHARP EDGES Not for children under 14 years.
WARNUNG: Erstickungsgefahr und Vorsicht vor scharfen Kanten. Nicht für Kinder unter 14 Jahren geeignet.
AVERTISSEMENT: RISQUE D'ÉTOUFFEMENT et faites attention aux BORDS COUPANTS Pas pour les enfants de moins de 14 ans.
AVVERTIMENTO: PERICOLO DI SOFFOCAMENTO e fare attenzione ai BORDI TAGLIANTI Non adatto a bambini di età inferiore a 14 anni.
ADVERTENCIA: PELIGRO DE ASFIXIA y tenga cuidado con los BORDES AFILADOS No apto para niños menores de 14 años.
OETROUWEN: NIEBELZPIEGEL: STWO ZAD AWIENIA. Uwaga! na OSTRE KRAW DZIE Nie dla dzieci poniżej 14 lat.
WAARSCHUWING: VERSTIKKINGSGEVAAR en wees voorzichtig met SCHERPE RANDEN Niet voor kinderen jonger dan 14 jaar.
VARNING: KVALNINGSRISK och var försiktig med SKARPA KANTER Ej för barn under 14 år.

Figure 3.1: Product packaging displaying safety warnings.

4. INSTALLATION GUIDE

Installation of the INJORA RC Shock Flex Blades requires basic tools such as a small Phillips head screwdriver and

possibly a hex wrench. It is recommended to work on a clean, well-lit surface to avoid losing small parts.

4.1 General Steps:

1. Power off your RC crawler and disconnect the battery.
2. Carefully remove the body shell of your TRX4M.
3. Identify the existing shock mounts on your vehicle.
4. One by one, remove the screws securing the stock shock mounts. Keep track of which screws go where.
5. Replace the stock mounts with the corresponding INJORA Flex Blades (upper and lower). Ensure correct orientation as indicated by the labels (FUR, RUR, FUL, RUL for upper; FLL, RLR, RLL for lower).
6. Secure the new flex blades using the provided screws and brass bushings. Do not overtighten.
7. Repeat for all four corners of the vehicle.
8. Once all flex blades are installed, gently test the suspension articulation to ensure smooth movement and no binding.
9. Reattach the body shell and reconnect the battery.

4.2 Visual Aids for Installation:



Figure 4.1: Upper flex blade installed on the RC crawler.



Figure 4.2: Lower flex blade installed on the RC crawler.

4.3 Installation and Demonstration Video:

Your browser does not support the video tag.

Video 4.1: Official INJORA video demonstrating the installation process and the enhanced flex provided by the shock flex blades on a TRX4M RC crawler.

5. OPERATING CONSIDERATIONS

The INJORA Shock Flex Blades significantly increase the articulation of your RC crawler's suspension, allowing it to conform better to extreme terrain and maintain tire contact for improved traction. This is particularly beneficial for rock crawling and overcoming obstacles.

However, increased flex can sometimes lead to a higher center of gravity when one side of the vehicle is fully articulated, potentially causing the vehicle to tip on very steep side inclines. Users may need to adjust their driving style or consider additional modifications (e.g., heavier wheels, lower battery placement) to optimize stability for specific crawling scenarios.



Figure 5.1: RC crawler showcasing enhanced suspension flex with the installed blades.

6. MAINTENANCE

To ensure the longevity and optimal performance of your INJORA RC Shock Flex Blades, regular maintenance is recommended:

- **Cleaning:** After use, especially in dusty or muddy conditions, clean the flex blades and surrounding suspension components to remove dirt and debris. A soft brush and compressed air can be effective.
- **Inspection:** Periodically inspect all screws and connections to ensure they are secure. Tighten any loose screws, but avoid overtightening which can strip threads.
- **Lubrication:** While not typically required for these components, ensure that the shocks themselves are clean and operating smoothly.

7. TROUBLESHOOTING

If you encounter issues after installing the flex blades, consider the following:

- **Limited Flex/Binding:**
 - Ensure all screws are properly tightened but not overtightened, which can restrict movement.
 - Check for any interference with other chassis components, wires, or the body shell. Adjust as necessary.
 - Verify that the correct flex blades are installed in the correct positions (front/rear, upper/lower).
- **Vehicle Tipping Easily:**
 - This can be a consequence of increased flex on very steep side inclines. Consider adding weight to the wheels or lower parts of the chassis to improve stability.
 - Adjust your driving approach on challenging terrain.

8. SPECIFICATIONS

Feature	Detail
Brand	INJORA
Model Number	4M-33
Material	CNC Aluminum
Compatibility	TRX4M Defender, Bronco 1/18 RC Crawler
Item Weight	0.704 ounces
Package Dimensions	5.51 x 3.74 x 0.28 inches
Country of Origin	China

9. WARRANTY AND SUPPORT

Specific warranty information for the INJORA RC Shock Flex Blades is not provided in the product details. For any warranty claims, technical support, or inquiries regarding this product, please contact the manufacturer, INJORA, directly through their official website or the retailer from whom you purchased the product. You can visit the INJORA Store on Amazon for more products and information:[INJORA Official Store](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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