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Traxxas TRX-88096-4SLVR

Traxxas TRX-6 Mercedes-Benz G 63 RC Crawler Instruction Manual

Model: TRX-88096-4SLVR

1. INTRODUCTION

Thank you for choosing the Traxxas TRX-6 Mercedes-Benz G 63 RC Crawler. This high-performance, 6x6 remote-controlled vehicle is engineered for extreme off-road capability and scale realism. This manual provides essential information for the proper setup, operation, and maintenance of your new RC crawler to ensure a safe and enjoyable experience.



Figure 1: Front view of the Traxxas TRX-6 Mercedes-Benz G 63 RC Crawler, showcasing its detailed grille and headlights.

2. SAFETY INFORMATION

Operating this remote-controlled vehicle requires caution and responsibility. Failure to operate in a safe manner can result in injury or damage to the product or property. Always read and follow all instructions and warnings before use.

- Keep hands, hair, and loose clothing away from moving parts.
- Do not operate near people, pets, or obstacles.
- Always use the recommended battery types and chargers.
- Ensure the vehicle is turned off and batteries are disconnected when not in use or during maintenance.
- Avoid operating in wet conditions unless specifically designed for it, and always follow waterproofing guidelines.
- Supervise children during operation.

3. SETUP

3.1 Battery Installation

The TRX-6 requires a suitable LiPo battery (sold separately) for operation and four AA batteries for the transmitter. Ensure batteries are fully charged before first use.

1. Carefully remove the vehicle body to access the battery compartment.
2. Insert the charged LiPo battery into the designated tray, ensuring secure fitment.
3. Connect the battery to the Electronic Speed Control (ESC) using the appropriate connector.
4. Install four fresh AA batteries into the transmitter, observing correct polarity.

3.2 Initial Checks

- Verify all wheels are securely attached.
- Check for any loose wires or connections.
- Ensure the steering mechanism moves freely without obstruction.



Figure 2: The TRX-6 chassis with the body removed, illustrating the battery tray and electronic components.

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

Power on the transmitter first, then the vehicle. To turn off, reverse the order.

- **Throttle Trigger:** Pull to move forward, push to brake/reverse.
- **Steering Wheel:** Turn left or right to steer the front wheels.

4.2 Advanced Features

The TRX-6 features advanced controls for enhanced off-road performance:

- **Differential Locking:** The transmitter allows you to remotely lock and unlock the front and rear differentials independently or all together. This provides increased traction on challenging terrain.
- **High/Low Gearbox:** Switch between high-speed and low-speed gears for different driving conditions. Low gear provides maximum torque for crawling, while high gear offers greater speed.
- **Cruise Control:** Maintain a consistent speed for technical crawling.



Figure 3: Traxxas TQi transmitter showing controls for differential locking, cruise control, and high/low speed selection.

4.3 Driving Tips

- For technical crawling, engage low gear and lock differentials as needed to maximize traction.
- Practice gentle throttle and steering inputs to maintain control on uneven surfaces.
- Explore various terrains such as rocks, sand, and dirt to experience the full capability of your TRX-6.



Figure 4: The TRX-6 demonstrating its capability on sandy terrain.



Figure 5: Two TRX-6 crawlers tackling a challenging rocky incline.

5. MAINTENANCE

Regular maintenance ensures the longevity and performance of your TRX-6.

- **Cleaning:** After each use, especially in dirty or dusty conditions, clean the vehicle with a soft brush or compressed air. Avoid using water directly on electronics unless the component is specifically rated as waterproof.
- **Inspection:** Regularly check for loose screws, damaged parts, or worn tires. Replace any damaged components immediately.
- **Lubrication:** Periodically lubricate moving parts such as universal joints and gears with appropriate RC-grade lubricant.
- **Battery Care:** Store LiPo batteries in a cool, dry place and follow manufacturer guidelines for charging and discharging.

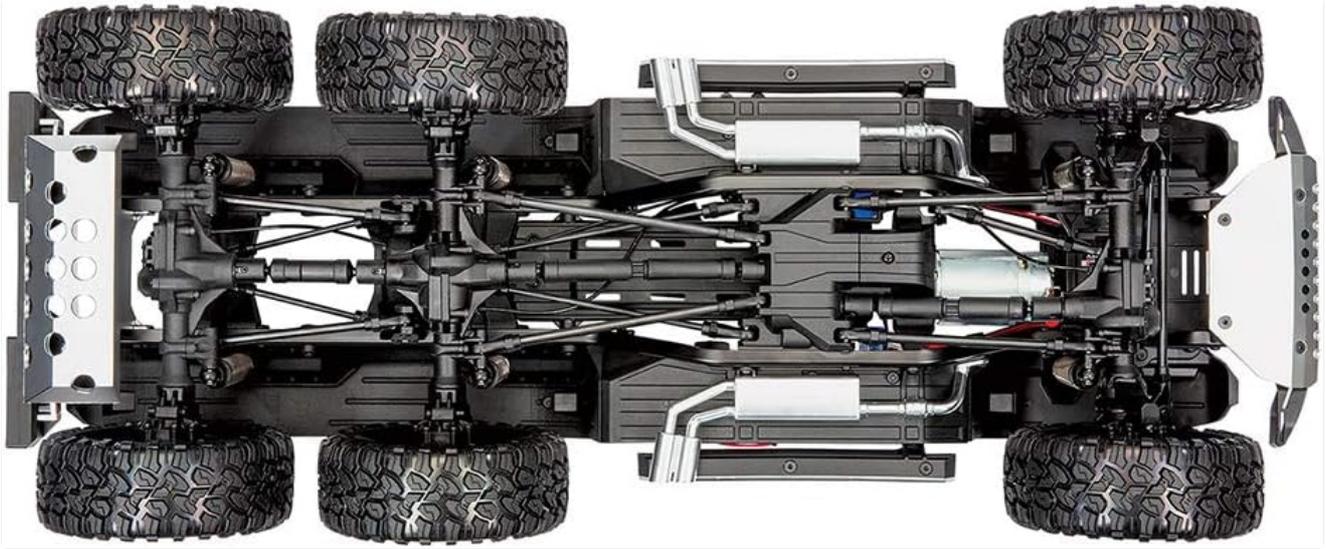


Figure 6: Underside view of the TRX-6 chassis, highlighting the robust drivetrain and suspension for maintenance checks.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	Low transmitter/vehicle battery, not properly bound, power switch off.	Charge/replace batteries, re-bind transmitter to receiver, ensure power switches are ON.
Poor steering response.	Damaged steering servo, loose steering linkage, low battery.	Inspect/replace servo, tighten linkages, charge vehicle battery.
Reduced power or speed.	Low battery charge, motor overheating, debris in drivetrain.	Recharge battery, allow motor to cool, clean drivetrain components.
Vehicle makes unusual noises.	Damaged gears, foreign objects in drivetrain.	Inspect and replace damaged gears, remove any obstructions.

7. SPECIFICATIONS

Brand: Traxxas

Model Number: TRX-88096-4SLVR

Product Dimensions: 4.33 x 3.94 x 5.12 inches

Item Weight: 8.8 pounds

ASIN: B07X2759YL

Manufacturer: ROCO 4X4

8. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to purchase replacement parts, please visit the official Traxxas website or contact their customer service department. Keep your proof of purchase for warranty claims.

Official Traxxas Website: www.traxxas.com

