

[Manuals.plus](#) /

› [Redcat Racing](#) /

› Redcat Racing MT-18 Lawless Edition 1/18 Scale 4WD RTR Monster Truck Instruction Manual

Redcat Racing MT18

Redcat Racing MT-18 Lawless Edition 1/18 Scale 4WD RTR Monster Truck Instruction Manual

Model: MT-18 | Brand: Redcat Racing

INTRODUCTION

The Redcat Racing MT-18 Lawless Edition is a 1/18 scale solid axle 4WD monster truck designed for performance and fun. This Ready-to-Run (RTR) vehicle comes fully assembled with essential components, allowing for quick setup and immediate use. Its robust design features a low center of gravity aluminum chassis, metal drive shafts, oil-filled shocks, and a powerful steering servo, making it suitable for various terrains and driving styles. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your MT-18 monster truck.



Image: The Redcat Racing MT-18 Lawless Edition Monster Truck, showcasing its blue body with 'Lawless' branding and large chevron tires.

WHAT'S IN THE BOX

Your Redcat Racing MT-18 Lawless Edition package includes the following items:

- MT-18 Monster Truck (Ready-to-Run)
- 2.4GHz Multi-Channel Radio System (Transmitter)
- 750mAh LiPo Battery
- USB Charger
- Pre-installed HX-M4K Steering Servo
- Pre-installed 2-in-1 RX/ESC Unit

Note: AA batteries for the transmitter are not included and must be purchased separately.

SETUP

1. Charging the LiPo Battery

1. Connect the 750mAh LiPo battery to the provided USB charger.
2. Plug the USB charger into a compatible USB power source (e.g., computer, USB wall adapter).
3. Allow the battery to charge fully. Refer to the charger's indicator lights for charging status.
4. Once charged, disconnect the battery from the charger.

2. Installing Transmitter Batteries

1. Open the battery compartment on the back of the 2.4GHz radio system.
2. Insert the required AA batteries (not included), ensuring correct polarity.
3. Close the battery compartment securely.

3. Connecting the Vehicle Battery

1. Carefully remove the body shell of the MT-18 to access the internal components. The body features a front tilt system for easy access.
2. Connect the fully charged 750mAh LiPo battery to the 2-in-1 RX/ESC unit's power connector.
3. Secure the battery within its compartment using the provided strap.
4. Replace the body shell, ensuring it is properly seated.

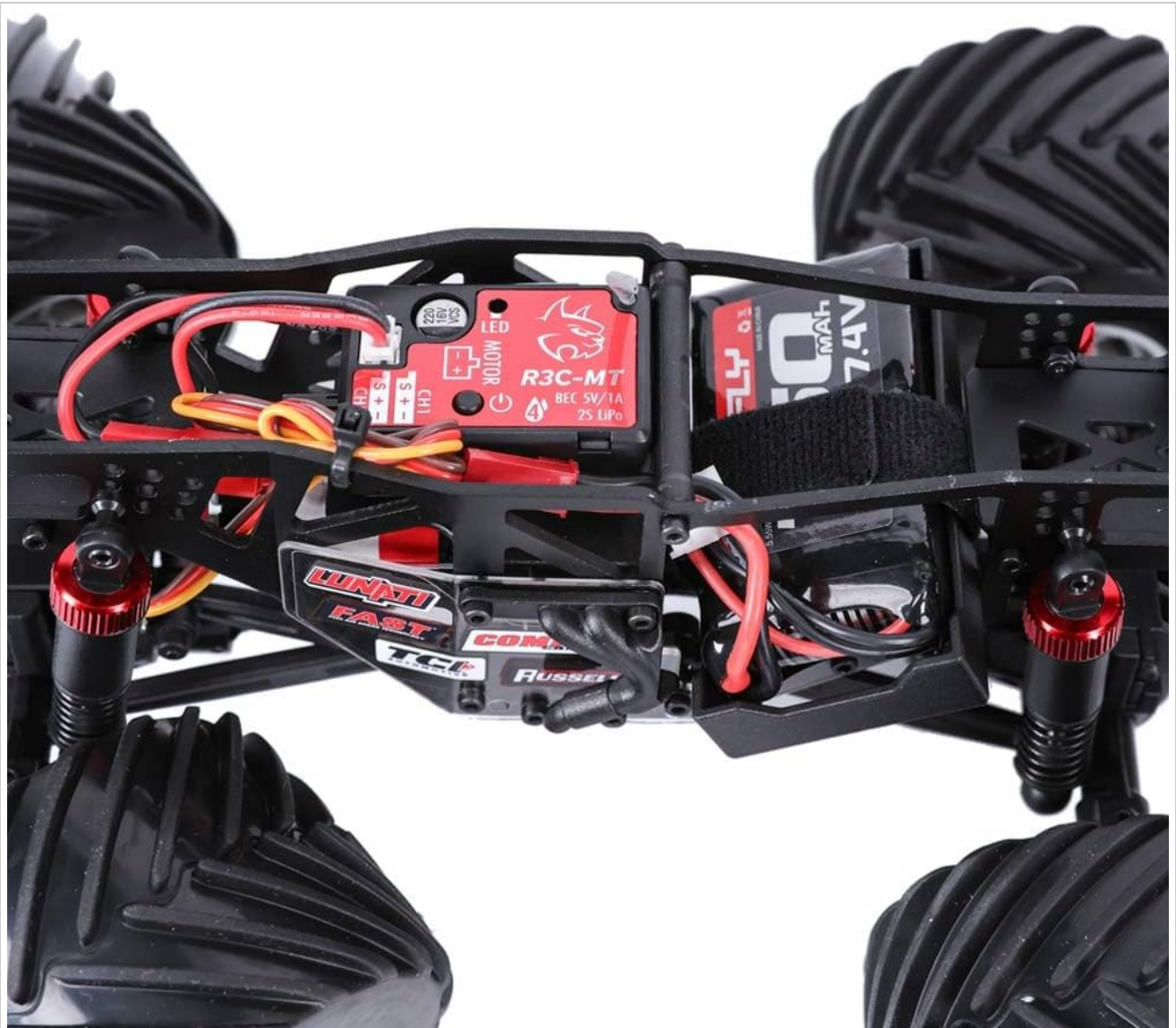


Image: A close-up view of the Redcat Racing MT-18's internal electronics, showing the battery compartment and the 2-in-1 RX/ESC unit.

OPERATING INSTRUCTIONS

1. Powering On

1. Turn on the transmitter first.
2. Then, turn on the power switch on the MT-18 monster truck. The vehicle's lights or indicator should illuminate.
3. Wait for the transmitter and receiver to establish a connection (usually indicated by a solid light on the vehicle).

2. Basic Controls

- **Throttle:** Pull the trigger on the transmitter to move forward. Push the trigger away from you to brake or reverse.
- **Steering:** Turn the steering wheel on the transmitter left or right to control the vehicle's direction. The Hexfly HX-M4K 4kg coreless metal gear servo provides precise control.

3. Driving Tips

- Start with slow speeds to get accustomed to the controls.
- The 4WD drivetrain provides excellent traction on various surfaces.
- The MT-18 is capable of 4-wheel steering (4WS) with an optional rear servo, allowing for advanced maneuvers.
- Avoid driving in deep water or extreme mud to prevent damage to electronics.



Image: The Redcat Racing MT-18 Lawless Edition Monster Truck navigating a rocky, outdoor terrain, demonstrating its off-road capabilities.

MAINTENANCE

1. General Cleaning

- After each use, especially in dusty or dirty conditions, clean the vehicle to remove debris.
- Use a soft brush or compressed air to clean the chassis, suspension components, and motor area.
- Wipe down the body shell with a damp cloth.

2. Inspection and Lubrication

- Regularly inspect all screws, nuts, and bolts for tightness. Tighten as necessary.
- Check the metal telescoping drive shafts and CVA axles for wear and lubricate with appropriate RC grease if needed.
- Inspect the aluminum-capped oil-filled shocks for leaks or damage. Refill or replace shock oil as required.
- Ensure the ball bearings throughout the vehicle are clean and spinning freely.

3. Upgrades and Customization

The MT-18 supports a full line of performance hop-up parts. You can personalize your truck with:

- Aluminum upgrades: servo mounts, knuckles, shock bodies, links, horn, skid plate.
- Brass options: diff covers, links, wheel hexes.
- Performance enhancers: diff lockers, steel transmission gear set.



Image: An underside view of the Redcat Racing MT-18, highlighting the low CG 2mm aluminum chassis rails, metal drive shafts, and gear differentials.

TROUBLESHOOTING

- **Vehicle not responding:** Ensure both the transmitter and vehicle are powered on and the battery is charged. Check for proper binding between the transmitter and receiver.
- **Loss of range:** Check transmitter batteries. Ensure no interference from other 2.4GHz devices.
- **Reduced performance:** Fully charge the LiPo battery. Inspect for debris in moving parts or damaged components.
- **Steering issues:** Check the steering servo for damage or loose connections. Verify steering trim settings on the transmitter.
- **Unusual noises:** Immediately stop operation and inspect the drivetrain (gears, axles, differentials) for foreign objects or damaged parts.

SPECIFICATIONS

Product Dimensions	8.66 x 6.88 x 4.6 inches
Item Weight	12 pounds
Item Model Number	MT18
Manufacturer Recommended Age	0 - 9 years
Batteries	1 9V batteries required (included for transmitter, LiPo for vehicle)
Manufacturer	Redcat

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Redcat Racing customer service directly. Refer to the official Redcat Racing website or the packaging for the most up-to-date contact details and warranty policies. Always use genuine Redcat Racing parts for repairs and upgrades to ensure optimal performance and maintain warranty validity.