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Traxxas Ford Raptor R 4X4 Ultimate

Traxxas Ford Raptor R 4X4 Ultimate User Manual

Model: Ford Raptor R 4X4 Ultimate

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Traxxas Ford Raptor R 4X4 Ultimate remote control truck. Please read this manual thoroughly before operating your vehicle.

The Traxxas Ford Raptor R 4X4 Ultimate is a high-performance remote control truck featuring a Velineon VXL-4s power system, 540XL brushless motor, and an extreme heavy-duty 4WD driveline. It is designed for advanced users and offers both scale realism and robust performance.



Image: Rear view of the Traxxas Ford Raptor R 4X4 Ultimate, highlighting its detailed body and tire design. The truck features an orange and black color scheme with Fox branding.

SAFETY PRECAUTIONS

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age.
- Always operate the vehicle in open areas away from people, pets, and obstacles.
- Do not operate near water unless the vehicle is specifically designed for it.
- Ensure batteries are charged correctly and safely.
- Always turn off the vehicle and transmitter when not in use.
- Keep hands, hair, and loose clothing away from moving parts.

SETUP

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present. Inspect the vehicle for any visible damage from shipping.

- Product Manual
- Remote Control Transmitter
- Traxxas Ford Raptor R 4X4 Ultimate Vehicle

2. Battery Installation and Charging

The Traxxas Ford Raptor R 4X4 Ultimate requires a compatible LiPo battery (sold separately) for operation. Refer to your battery's specific instructions for charging procedures. Always use a LiPo-compatible charger.

To install the battery:

1. Remove the cliplless body by releasing the hidden latching system.
2. Place the charged battery into the battery compartment.
3. Secure the battery using the provided straps or clips.
4. Connect the battery to the Electronic Speed Control (ESC).
5. Reattach the body.

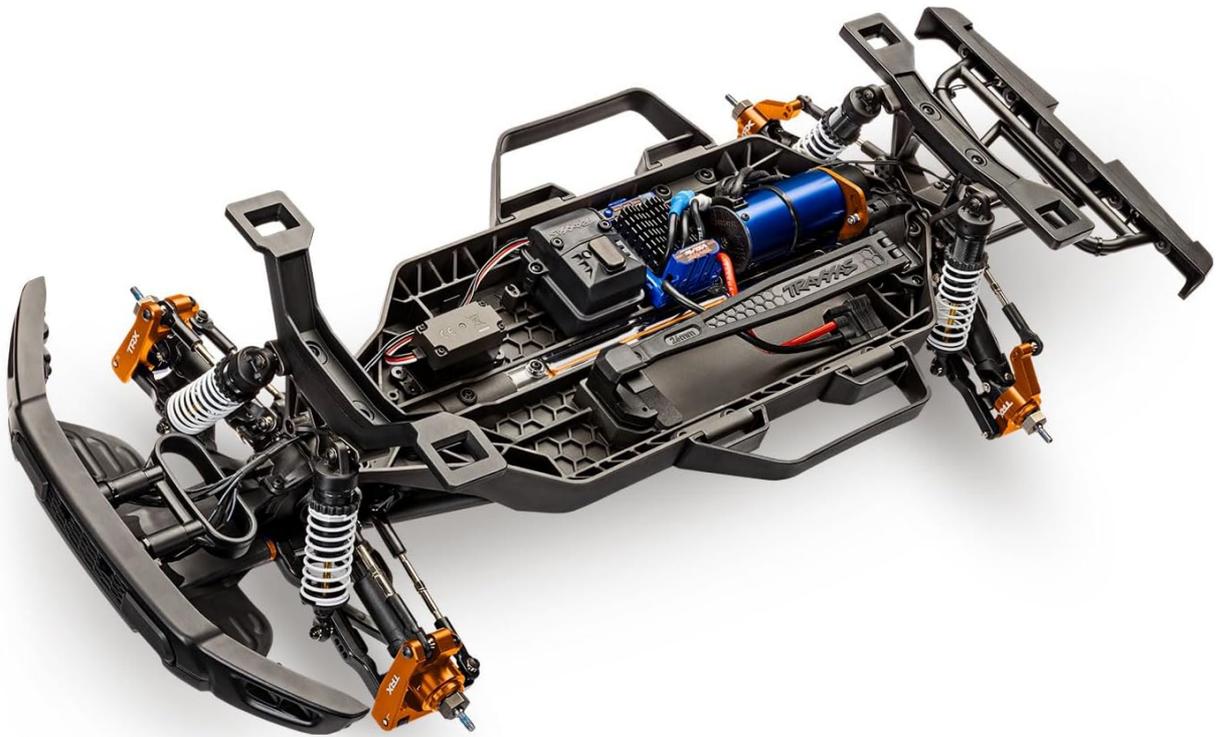


Image: Chassis view of the Traxxas Ford Raptor R 4X4 Ultimate, illustrating the internal layout including the Velineon 540XL brushless motor, VXL-4s speed control, and heavy-duty driveline components.

3. Transmitter Setup

Install 4 AA batteries (not included) into the remote control transmitter. Ensure proper polarity. Turn on the transmitter before turning on the vehicle.

The transmitter is typically pre-bound to the vehicle. If re-binding is necessary, consult the separate transmitter manual for detailed instructions.

OPERATING INSTRUCTIONS

1. Starting the Vehicle

1. Ensure the transmitter is turned ON.
2. Turn ON the vehicle's power switch. The ESC will emit a series of tones indicating battery cell count.
3. Wait for the ESC LED to indicate a solid green or red light, signifying it is ready for operation.

2. Driving Controls

- **Steering Wheel:** Turn left or right to control the vehicle's direction.
- **Throttle Trigger:** Pull to accelerate forward. Push to engage brakes, then push again for reverse.
- **Multi-Function Knob:** Adjusts various settings such as steering sensitivity, throttle sensitivity, or braking percentage. Refer to the transmitter manual for specific functions.

3. Driving Tips

- Start with slow speeds to familiarize yourself with the controls.
- Avoid sudden turns at high speeds to prevent rollovers.
- Be mindful of your surroundings and potential obstacles.
- The Velineon 540XL brushless motor provides significant power; manage throttle input carefully, especially on loose surfaces.



Image: The Traxxas Ford Raptor R 4X4 Ultimate in action, demonstrating its capability on a dirt surface, kicking up dust as it moves.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Traxxas Ford Raptor R 4X4 Ultimate.

1. After Each Run

- Clean dirt and debris from the chassis, suspension, and drivetrain using a soft brush or compressed air.
- Inspect for loose screws, damaged parts, or worn tires.
- Disconnect and remove the battery. Store batteries according to manufacturer guidelines.

2. Periodic Maintenance (Every 5-10 Runs)

- Check the condition of the GTR shocks for leaks or damage.
- Inspect the extreme HD driveshafts for wear.
- Lubricate moving parts as recommended by Traxxas (e.g., universal joints, bearings).
- Verify proper gear mesh between the pinion and spur gear.
- Clean and inspect the Velineon 540XL brushless motor for debris.
- Check all electrical connections for corrosion or looseness.

3. Storage

When storing the vehicle for extended periods, ensure it is clean and dry. Remove all batteries from both the vehicle and the transmitter. Store in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to transmitter.	<ul style="list-style-type: none"> • Transmitter or vehicle battery low/dead. • Transmitter not turned on. • Vehicle and transmitter not bound. • ESC in thermal shutdown. 	<ul style="list-style-type: none"> • Charge/replace batteries. • Turn on transmitter first. • Re-bind transmitter and receiver (refer to transmitter manual). • Allow ESC to cool down.
Vehicle runs slowly or has reduced power.	<ul style="list-style-type: none"> • Low battery charge. • Motor or ESC overheating. • Debris in drivetrain. • Incorrect gear mesh. 	<ul style="list-style-type: none"> • Recharge battery. • Allow components to cool. • Clean drivetrain. • Adjust gear mesh.
Steering not working correctly.	<ul style="list-style-type: none"> • Servo arm loose or damaged. • Steering servo failure. • Transmitter trim settings incorrect. 	<ul style="list-style-type: none"> • Check and tighten servo arm. • Replace servo if necessary. • Adjust steering trim on transmitter.

SPECIFICATIONS

Feature	Detail
Model	Traxxas Ford Raptor R 4X4 Ultimate
Power System	Velineon VXL-4s Brushless
Motor	540XL Brushless Motor
Driveline	Extreme Heavy-Duty 4WD
Top Speed	60+ mph (with 4s LiPo)
Dimensions (L x W x H)	29 x 12 x 10 inches
Weight	10 pounds
Recommended Age	0 - 2 years <i>(Note: This is likely a misclassification in the source data. Always supervise children during operation.)</i>

Feature	Detail
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WARRANTY AND SUPPORT

For warranty information and detailed support, please visit the official Traxxas website or contact Traxxas customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: TRAXXAS

Online Support: [Traxxas Support Website](#)

Brand Store: [Traxxas Amazon Store](#)