

## Traxxas 82044-4

# Traxxas TRX-4 Sport High Trail Edition 4X4 Crawler Instruction Manual

Model: 82044-4

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Traxxas TRX-4 Sport High Trail Edition 4X4 Crawler. Please read this manual thoroughly before operating your vehicle to ensure safe and optimal performance.

The TRX-4 Sport High Trail Edition is designed for challenging off-road conditions, featuring a factory-installed Long Arm Lift Kit for increased ground clearance and robust all-terrain capability. Its high-angle bumpers and fully-locked axles contribute to exceptional climbing versatility. The vehicle also includes a rugged Expedition Rack and scale accessories for enhanced realism.

### Key Features:

- Factory-installed Long Arm Lift Kit for increased ground clearance.
- Oversize Canyon Trail tires on 2.2" black 5-spoke wheels for extreme all-terrain traction.
- Clipless body design for secure latching and easy chassis access.
- Expedition Rack with molded accessories including a replica snorkel, side mirrors, traction boards, fire extinguisher, jack, and fuel canisters.
- Aggressive S1-compound Canyon Trail tires with large lugs and 2-stage foam inserts.
- High-angle front bumper providing a 62.78° approach angle and 54.72° departure angle.

## 2. SAFETY INFORMATION

As described in the product information, please adhere to all safety guidelines provided with the product packaging. Always operate the vehicle in a safe environment, away from people, pets, and obstacles. Ensure proper battery handling and charging procedures are followed to prevent hazards.

Recommended age for operation is 14 years and up.

### 3. SETUP

Before operating your TRX-4 Sport High Trail Edition, perform the following setup steps:

1. **Battery Installation:** Ensure the battery (not included) is fully charged using a compatible charger. Carefully connect the battery to the Electronic Speed Control (ESC) following the polarity markings. Secure the battery in its designated compartment.
2. **Transmitter Preparation:** Install fresh batteries into the remote control transmitter. Power on the transmitter.
3. **Vehicle Power-Up:** Power on the vehicle's ESC. The vehicle and transmitter should automatically link. Refer to the separate quick start guide for detailed binding instructions if needed.
4. **Steering and Throttle Trim:** Verify that the steering is centered and the throttle is at neutral. Adjust the trim settings on the transmitter if necessary to ensure the vehicle remains straight and stationary when the controls are at neutral.
5. **Pre-Run Inspection:** Check all screws for tightness, especially on wheels and suspension components. Ensure all wires are securely connected and clear of moving parts. Inspect tires for proper inflation and secure mounting.

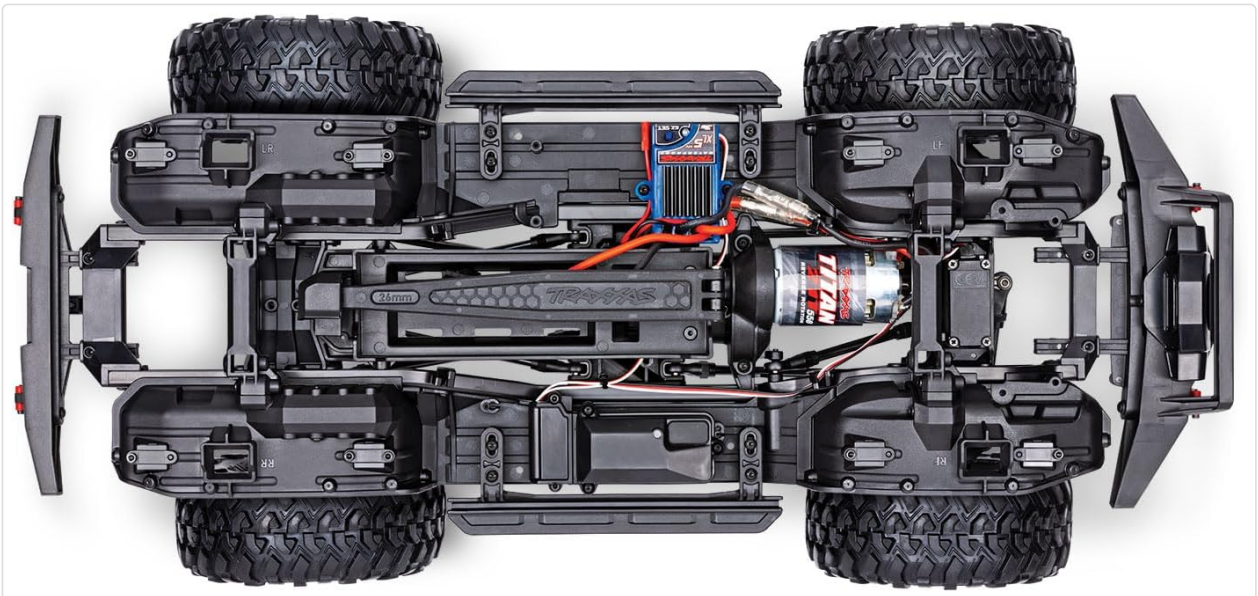


Figure 1: Top-down view of the TRX-4 Sport High Trail Edition chassis, illustrating component layout.

### 4. OPERATING INSTRUCTIONS

Operating your TRX-4 Sport High Trail Edition requires practice. Start in an open area to familiarize yourself with the controls.

1. **Starting the Vehicle:** With the transmitter on and the vehicle battery connected, turn on the vehicle's power switch.
2. **Steering:** Use the steering wheel on the transmitter to control the direction of the vehicle. Turn the wheel left to steer left, and right to steer right.
3. **Throttle:** Use the throttle trigger to control forward and reverse movement. Pull the trigger towards you for forward motion and push it away for reverse. The amount of trigger movement dictates speed.
4. **Braking:** To brake, push the throttle trigger forward from neutral. For reverse, push the trigger forward again after braking.
5. **Off-Road Driving:** The TRX-4 Sport High Trail Edition excels in crawling. Approach obstacles slowly and deliberately. Use small, precise steering and throttle inputs to navigate challenging terrain. The high

ground clearance and articulation are designed to overcome rocks and uneven surfaces.

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Video 1: The TRX-4 Sport High Trail Edition navigating various challenging terrains, demonstrating its off-road capabilities and suspension articulation.



Figure 2: The TRX-4 Sport High Trail Edition in action on a dirt trail.



Figure 3: The TRX-4 Sport High Trail Edition demonstrating water resistance while crawling.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and performance of your TRX-4 Sport High Trail Edition.

- **Cleaning:** After each use, especially in dirty or wet conditions, clean the vehicle. Use compressed air to remove loose dirt and a soft brush or damp cloth for stubborn grime. Avoid using harsh chemicals.
- **Lubrication:** Periodically lubricate moving parts such as universal joints and suspension pivots with appropriate RC-safe lubricant.
- **Inspection:** Regularly inspect the vehicle for damaged or worn parts. Check tires for wear, shocks for leaks, and all electrical connections for corrosion or looseness.
- **Storage:** Store the vehicle in a clean, dry place away from direct sunlight and extreme temperatures. Disconnect and remove batteries from both the vehicle and transmitter during storage.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter:

| Problem                                  | Possible Cause   | Solution  |
|--|--|---|
| Vehicle does not respond to transmitter. | Low battery in vehicle or transmitter.<br>Vehicle and transmitter not linked.<br>Power switch off. | Charge/replace batteries.<br>Re-bind transmitter and receiver.<br>Ensure power switches are ON. |
| Reduced range or intermittent control.   | Interference.<br>Loose antenna wire.<br>Low battery.   | Change operating location.<br>Check antenna connections.<br>Charge/replace batteries.           |
| Motor not running or running slowly.     | Low battery.<br>Motor or ESC overheating.<br>Debris in drivetrain.                                 | Charge battery.<br>Allow components to cool.<br>Inspect and clear drivetrain.                   |

## 7. SPECIFICATIONS

| Feature                      | Detail                  |
|------------------------------|-------------------------|
| Product Dimensions           | 22 x 10.6 x 10.8 inches |
| Item Weight                  | 13 ounces               |
| Item Model Number            | 82044-4                 |
| Manufacturer Recommended Age | 14 years and up         |
| Manufacturer                 | TRAXXAS                 |

## 8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Traxxas website or contact their customer service directly. Keep your proof of purchase for any warranty claims. Online resources and FAQs may also be available on the [Traxxas Store on Amazon](#).