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› [Traxxas](#) /

› [Traxxas Slash 4X4 68086-4 1/10 Scale 4WD Short Course Truck Instruction Manual](#)

Traxxas 68086-4

Traxxas Slash 4X4 68086-4 1/10 Scale 4WD Short Course Truck Instruction Manual

Model: 68086-4

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Traxxas Slash 4X4 1/10 Scale 4WD Short Course Truck. The Slash 4X4 features an innovative chassis designed for brushless power, offering high center ground clearance for off-road versatility and authentic short course handling. It is equipped with Traxxas Stability Management (TSM) for enhanced control on various surfaces and a Velineon VXL-3s ESC with a 3500 motor for extreme power. The waterproof electronics allow for operation in diverse conditions.



Figure 1: Traxxas Slash 4X4 Short Course Truck (Fox Edition)

2. SAFETY INFORMATION

Always operate your Traxxas Slash 4X4 in a safe and responsible manner. Failure to do so can result in serious injury or property damage.

- **Read the entire manual:** Familiarize yourself with all instructions before operating the vehicle.
- **Adult supervision:** Recommended for operators under 14 years of age.
- **Avoid public roads:** Never operate the vehicle on public streets or highways.
- **Maintain a safe distance:** Keep spectators, especially children, away from the operating area.
- **Battery safety:** Use only recommended batteries and chargers. Follow all battery charging and handling instructions to prevent fire or explosion. The vehicle accepts 7-cell NiMH batteries up to 3s 11.1V LiPos (sold separately).
- **Waterproof electronics:** While the electronics are waterproof, proper maintenance after wet use is crucial to prevent corrosion.
- **Inspect before use:** Always check the vehicle for loose parts, damage, or obstructions before each use.

3. WHAT'S IN THE BOX

Your Traxxas Slash 4X4 package includes the following items:

- TQi 2.4GHz Radio System
- Accessory gear
- Full Color Decals
- Tuning Tools

Note: Batteries and charger are sold separately.

4. SETUP

4.1 Battery Installation

The innovative Slash battery tray accommodates 7-cell or 8-cell NiMH packs as well as 2s or 3s LiPo packs. Ensure the battery is securely fastened in the tray. Connect the battery to the Velineon VXL-3s ESC.

4.2 Radio System (TQi 2.4GHz)

The TQi 2.4GHz transmitter is fully adjustable. Refer to the separate TQi radio system manual for detailed instructions on binding, programming, and advanced features. The transmitter can be equipped with a Bluetooth module (sold separately) to connect with your Android, iPad, iPhone, or iPod touch for tuning.

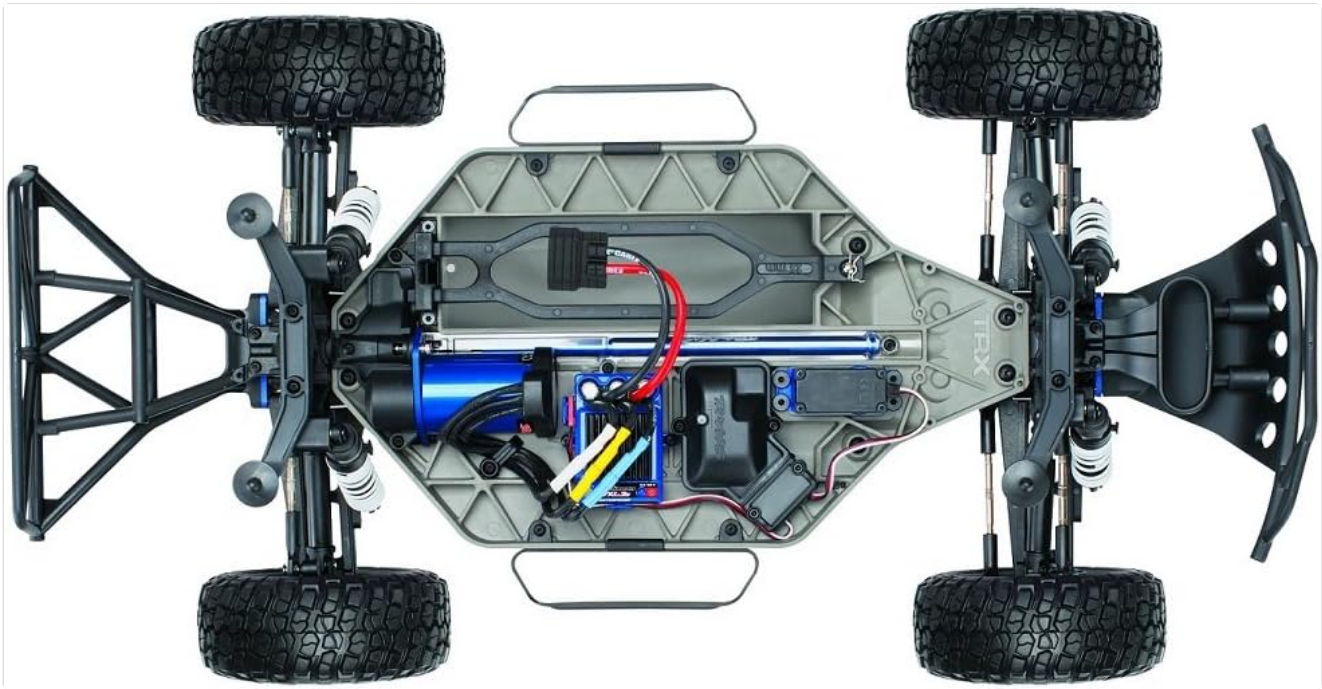


Figure 2: Top view of the Slash 4X4 chassis, showing the Velineon VXL-3s ESC and motor.

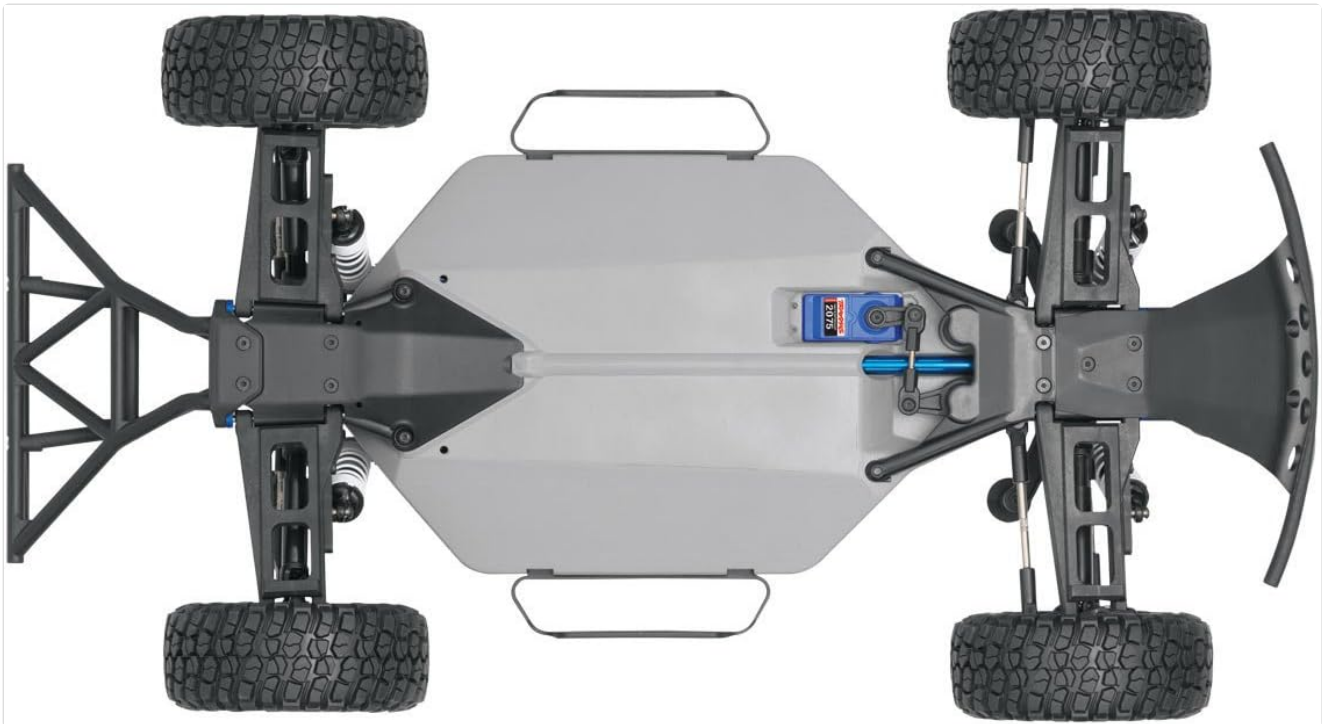


Figure 3: Bottom view of the Slash 4X4 chassis, highlighting the smooth design for reduced drag.

5. OPERATING

5.1 Driving Modes

The Velineon VXL-3s ESC offers three distinct driving modes:

- **Sport Mode:** Provides full forward, brake, and reverse power.
- **Race Mode:** Offers full forward and brake power, but no reverse.
- **Training Mode:** Limits throttle to 50% forward and 50% reverse, with 100% brake. This mode is ideal for new drivers to gain experience.

Consult the VXL-3s ESC manual for instructions on how to switch between these modes.

5.2 Traxxas Stability Management (TSM)

TSM allows you to experience the full power of the Slash 4X4 by making it easier to control on slippery surfaces such as loose dirt, smooth concrete, and even ice and snow. TSM can be adjusted or turned off via the TQi transmitter. Refer to your TQi radio system manual for detailed TSM adjustment procedures.



Figure 4: The Slash 4X4 demonstrating its off-road capability on a dirt surface.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Traxxas Slash 4X4.

- **Modular Design:** The vehicle features a modular design, allowing you to remove the entire front or rear section with just a few screws for easy access and maintenance.
- **Drivetrain:** The highly efficient drivetrain spins effortlessly with an aluminum driveshaft and rubber-sealed ball bearings. Regularly inspect these components for wear and tear.
- **Cleaning:** After each use, especially in dirty or wet conditions, clean the vehicle to remove debris. Use compressed air for hard-to-reach areas.
- **Lubrication:** Periodically lubricate moving parts as recommended in the detailed service manual (available on the Traxxas website).
- **Post-Wet Operation:** After running in water, mud, or snow, thoroughly clean and dry the vehicle. Remove the battery, clean the chassis, and allow all components to air dry completely to prevent corrosion.



Figure 5: Detailed view of the Slash 4X4's drivetrain, including the aluminum driveshaft and suspension components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Traxxas Slash 4X4.

- **No Power:**

- Check battery connection and charge level.
- Ensure ESC is properly connected and turned on.
- Verify transmitter batteries are fresh and installed correctly.

- **Loss of Control/Erratic Behavior:**

- Check for radio interference.
- Ensure TQi transmitter and receiver are properly bound.
- Inspect steering and throttle linkages for obstructions or damage.
- Adjust TSM settings if operating on slippery surfaces.

- **Overheating:**

- Ensure proper gearing for the terrain and battery type.
- Check for debris obstructing motor or ESC cooling fins.
- Consider using Training Mode or a lower cell count battery for less strenuous operation.

- **Reduced Performance:**

- Check battery charge.
- Inspect motor and drivetrain for damage or excessive friction.
- Ensure wheels and tires are free of debris and properly mounted.

For more detailed troubleshooting or specific technical issues, please refer to the comprehensive Traxxas support resources online or contact customer service.

8. SPECIFICATIONS

Feature	Detail
Model Number	68086-4
Product Dimensions	23.3 x 11.65 x 7.6 inches
Item Weight	5 pounds
Manufacturer	Traxxas
Recommended Age	14 years and up
Radio System	TQi 2.4GHz
ESC	Velineon VXL-3s (Waterproof)
Motor	Velineon 3500 Brushless
Battery Compatibility	7-cell NiMH, 2s LiPo, 3s LiPo (sold separately)
Stability Management	Traxxas Stability Management (TSM)

9. WARRANTY AND SUPPORT

For 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 any warranty claims.
[Visit the Traxxas Store on Amazon](#)