

Traxxas 8035

Traxxas 8035 TRX-4 Ford Bronco LED Light Kit

INSTRUCTION MANUAL

1. Product Overview

The Traxxas 8035 LED Light Kit is designed to enhance the scale realism of your TRX-4 Ford Bronco model. This kit provides functional headlights, tail lights, and side markers, allowing for operation in various lighting conditions. Engineered to be fully waterproof, the system is built for durability and performance in challenging environments.

2. Safety Information

Please read and understand all safety precautions before installing and operating this LED light kit. Failure to do so may result in damage to the product or personal injury.

- Always disconnect the battery from your model before performing any installation or maintenance.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Keep small components out of reach of children.
- Do not modify the LED light kit components. Use only genuine Traxxas replacement parts.
- While the kit is waterproof, avoid prolonged submersion or exposure to extreme conditions beyond the model's capabilities.

3. What's in the Box

The Traxxas 8035 LED Light Kit includes the following components:

- LED light kit components (headlights, tail lights, side markers)
- Mounting hardware



Image 3.1: All components included in the Traxxas 8035 LED Light Kit, including various LED units, wiring, and mounting hardware.

4. Installation Instructions

Follow these steps to properly install the LED light kit on your Traxxas TRX-4 Ford Bronco. Refer to your TRX-4 owner's manual for specific body removal and chassis access procedures.

1. **Prepare the Model:** Ensure your TRX-4 Ford Bronco is powered off and the battery is disconnected. Remove the body from the chassis.
2. **Install Headlights:** Carefully insert the headlight LED units into the designated openings in the front grille of the Ford Bronco body. Secure them using the provided mounting hardware.
3. **Install Tail Lights:** Position the tail light LED units into the rear light buckets of the body. Secure them with the appropriate hardware.
4. **Install Side Markers:** Place the side marker LED units into their respective locations on the sides of the body.
5. **Route Wiring:** Carefully route all wiring from the LED units towards the central control module location, typically within the chassis. Use the included cable ties to secure the wiring, preventing interference with moving parts.
6. **Connect to Control Module:** Connect the LED wiring harnesses to the main control module according to the color-coded or labeled connectors. Ensure all connections are firm.
7. **Mount Control Module:** Secure the control module to the chassis using the provided mounting hardware or double-sided tape in a location that is protected and does not interfere with other components.
8. **Final Check:** Before reattaching the body, reconnect the battery and briefly power on the model to verify that all lights are functioning correctly.

9. **Reattach Body:** Once verified, disconnect the battery and reattach the Ford Bronco body to the TRX-4 chassis.



Image 4.1: Close-up view of individual LED units and wiring, ready for installation into the model's body.



Image 4.2: The Traxxas TRX-4 Ford Bronco model with the LED light kit fully installed, showcasing the front headlights and side markers.

5. Operating Instructions

Once installed, the Traxxas 8035 LED Light Kit operates in conjunction with your TRX-4's power system. The lights are designed to provide constant illumination when the model is powered on.

- **Power On:** Connect your model's battery and power on the electronic speed control (ESC). The LED lights will illuminate automatically.
- **Headlights:** The front headlights provide forward illumination for driving in low-light conditions.
- **Tail Lights:** The rear tail lights enhance visibility from the back of the model.
- **Side Markers:** Side marker lights contribute to the overall scale appearance and side visibility.



Image 5.1: The Traxxas TRX-4 Ford Bronco operating in low light, demonstrating the effectiveness of the installed LED headlights.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your LED light kit.

- **Cleaning:** Periodically clean the LED lenses and surrounding areas to remove dirt and debris that may obstruct light output. Use a soft, dry cloth.
- **Wiring Inspection:** Regularly inspect all wiring for any signs of wear, cuts, or loose connections. Secure or replace damaged wiring as needed.
- **Waterproofing Check:** Although the kit is waterproof, inspect the seals and connections after exposure to water to ensure no moisture has entered the components.
- **Component Integrity:** Check that all LED units and the control module are securely mounted and free from physical damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	Loose connection, no power to control module, damaged LED unit.	Check all wiring connections. Ensure the model's power system is on. Inspect LED units for damage; replace if necessary.
Some lights are not working.	Individual LED unit failure, specific wiring issue.	Inspect wiring to the non-functional lights. Test individual LED units if possible. Replace faulty LED units.
Lights flicker or dim.	Poor connection, low battery voltage, intermittent wiring fault.	Check all connections for tightness. Ensure the model's battery is fully charged. Inspect wiring for any breaks or shorts.

If you continue to experience issues, please contact Traxxas customer support for further assistance.

8. Specifications

- **Model Number:** 8035
- **Compatibility:** Traxxas TRX-4 Ford Bronco
- **Features:** Working headlights, tail lights, side markers
- **Waterproofing:** Fully waterproof
- **Product Dimensions:** 8.5 x 4.5 x 1.5 inches (packaging)
- **Item Weight:** 2.08 ounces
- **Manufacturer Recommended Age:** 14 years and up

9. Warranty and Support

This Traxxas product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your original Traxxas model or visit the official Traxxas website.

For technical support, replacement parts, or warranty claims, please contact Traxxas customer service. Contact information can typically be found on the Traxxas website or in your model's original manual.