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## Traxxas 6592

# Traxxas 6592 Pro Scale Advanced Lighting Control System Power Module User Manual

Model: 6592

## INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Traxxas 6592 Pro Scale Advanced Lighting Control System Power Module. Please read this manual thoroughly before use to ensure proper function and longevity of your product.

## PRODUCT OVERVIEW

The Traxxas 6592 Power Module is a critical component of the Pro Scale Advanced Lighting Control System, designed to provide power and control to your RC vehicle's lighting setup. It integrates with your vehicle's existing electronics to deliver realistic and functional lighting effects.



Image: The Traxxas 6592 Pro Scale Advanced Lighting Control System Power Module. This black rectangular module features various ports for connecting lighting components and power. It has red and black wires for power input and multiple pin connectors for lighting outputs. The Traxxas logo and "PRO SCALE LIGHTING POWER MODULE Part 6592" are visible on its surface.

## PACKAGE CONTENTS

The package for the Traxxas 6592 Power Module includes:

- One (1) Traxxas 6592 Pro Scale Advanced Lighting Control System Power Module
- Additional components as described on the product packaging.

## SETUP AND INSTALLATION

Follow these steps for proper installation of the power module:

1. **Unpack Components:** Carefully remove the lighting system components, including the power module, from its packaging.
2. **Identify Components:** Familiarize yourself with the power module and all associated lighting components (e.g., LED light bars, headlights, taillights).
3. **Locate Power Source:** Identify the appropriate power source on your RC vehicle. This is typically a connection point on the Electronic Speed Control (ESC) or receiver that provides consistent power. Refer to your vehicle's manual for specific power connection points.
4. **Connect Power Module:** Connect the power module to the vehicle's identified power source. Ensure polarity is correct to prevent damage. The module typically has a red and black wire for this connection.
5. **Install Lighting Components:** Mount and connect the individual lighting components (LEDs, light bars) to the designated ports on the power module. Ensure all connections are secure and routed to avoid interference with moving parts.
6. **Secure Wiring:** Use cable ties or clips to neatly secure all wiring, preventing them from snagging or interfering with the vehicle's operation.
7. **Initial Test:** Before full operation, perform a preliminary test of the lighting system to confirm all lights function

correctly and respond to controls (if applicable).

*Note: Always ensure your vehicle's battery is disconnected during installation to prevent accidental power-on or short circuits.*

## OPERATING INSTRUCTIONS

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Once installed, the Traxxas 6592 Power Module operates in conjunction with your Pro Scale lighting system. Specific operational details will depend on the connected lighting accessories and your vehicle's transmitter settings.

- **Power On:** Connect your vehicle's main battery. The lighting system should power on automatically or be controlled via your transmitter, depending on your setup.
- **Lighting Modes:** Refer to the specific instructions for your Pro Scale lighting kit for details on changing lighting modes, brightness, or other functions. These are typically controlled through the Traxxas Link app or directly from your transmitter.
- **Monitoring:** Observe the lighting system during operation to ensure all lights are functioning as expected and there are no flickering or power issues.

## MAINTENANCE

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To ensure optimal performance and longevity of your power module:

- **Keep Clean:** Periodically inspect the module and connections for dirt, dust, or debris. Use a soft, dry brush or compressed air to clean.
- **Check Connections:** Ensure all wiring connections remain secure. Loose connections can lead to intermittent operation or damage.
- **Avoid Moisture:** While Traxxas components are often robust, avoid exposing the power module to excessive moisture or submersion unless specifically rated for such conditions.
- **Inspect for Damage:** Regularly check the module and wires for any signs of physical damage, such as frayed wires or cracked casings. Replace damaged components immediately.

## TROUBLESHOOTING

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If you encounter issues with your lighting system, consider the following troubleshooting steps:

- **No Lights:**
  - Verify the vehicle's main battery is charged and connected.
  - Check all power connections to the module and from the module to the lights.
  - Ensure the module is correctly plugged into the receiver or ESC, if applicable.
  - Inspect for any loose or damaged wires.
- **Flickering Lights:**
  - Check for loose connections at the module or individual light units.
  - Ensure the power source is stable and providing sufficient voltage.
  - Inspect for any short circuits in the wiring.
- **Incorrect Light Behavior:**
  - Refer to your specific Pro Scale lighting kit manual for correct configuration and settings.
  - Ensure the module is correctly paired or configured with your transmitter/Traxxas Link app.

If problems persist, contact Traxxas customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
<b>Model Number</b>	6592
<b>Product Dimensions</b>	4.65 x 3 x 1 inches
<b>Item Weight</b>	0.634 ounces
<b>Manufacturer</b>	Traxxas
<b>ASIN</b>	B09RFFHSFB
<b>Date First Available</b>	July 22, 2021

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Traxxas website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

**Traxxas Official Website:** [traxxas.com](http://traxxas.com)