



LED Light Bar Kit Installation Instructions

Covers Parts #10996, 10916, 10917, 10918, 10919

Kit contents:

- High-voltage power amplifier
- Front LED light bar
- Rear LED light bar
- Rear LED light bar mounts (left & right)
- Side Pod LED lights (left & right)
- Extension harness (long)
- Extension harness (short)
- Body cage mount cover
- Power amplifier chassis mount
- Extension harness cover
- 2-in-1 wire harness (2)

- LED power harness (2)
- 3x15mm cap-head screws (CS) (4)
- 3x12mm cap-head screws (CS) (10)
- 2.5x10mm cap-head screws (CS) (4)
- 3x10mm flat-head screws (FCS) (2)
- Zip ties (15)

Tools needed

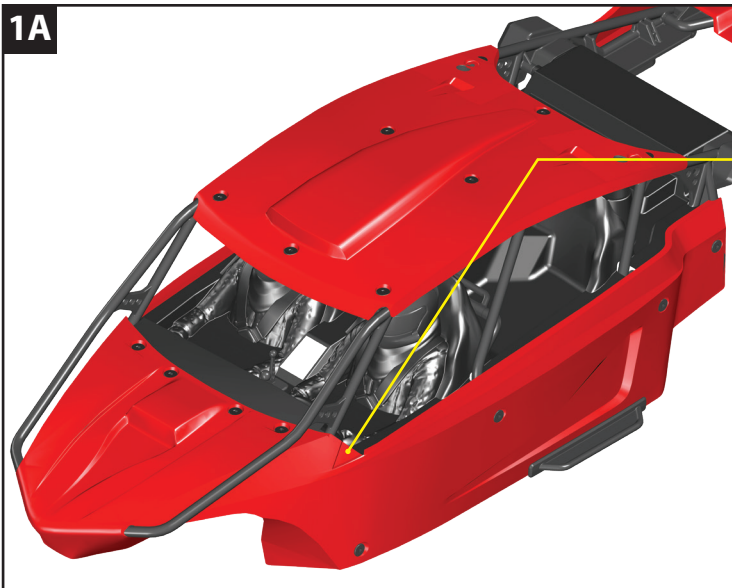
(all not included and sold separately):

- Tapered body reamer (part #3433 or #3433X)
- 2.0mm hex wrench
- 2.5mm hex wrench

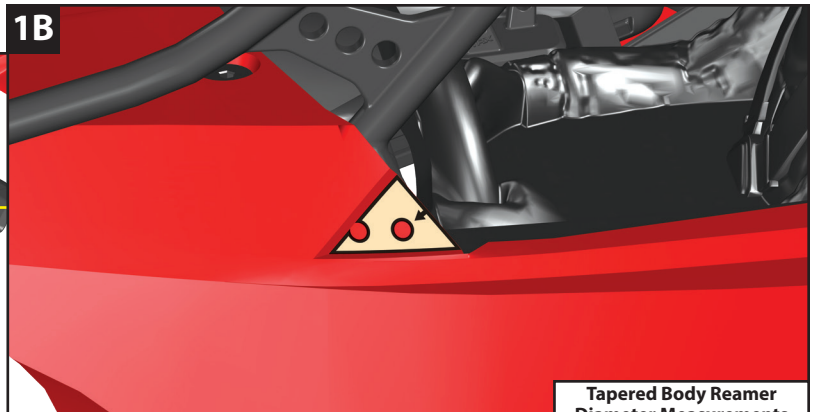
CAUTION: RISK OF INJURY! Use care with hobby knives, tapered reamers, and other cutting tools as they are extremely sharp and can cause severe injury, deep cuts, and/or punctures.

CAUTION: RISK OF DAMAGE TO ELECTRONICS! To prevent damage to the electronic speed control (ESC) and/or the high-voltage power amplifier, ensure the battery is disconnected before plugging the amplifier into the ESC.

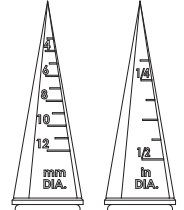
1A



1B



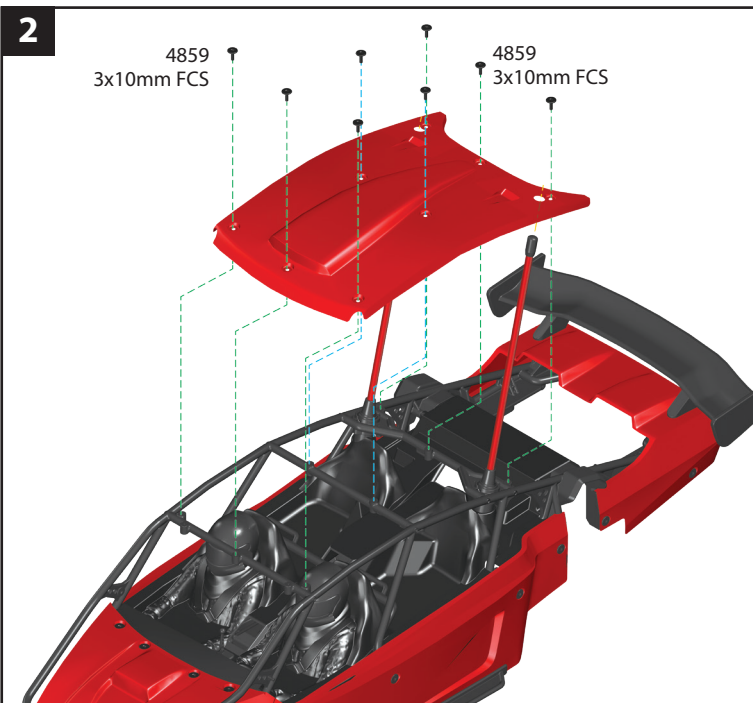
Tapered Body Reamer Diameter Measurements



Body Modification:

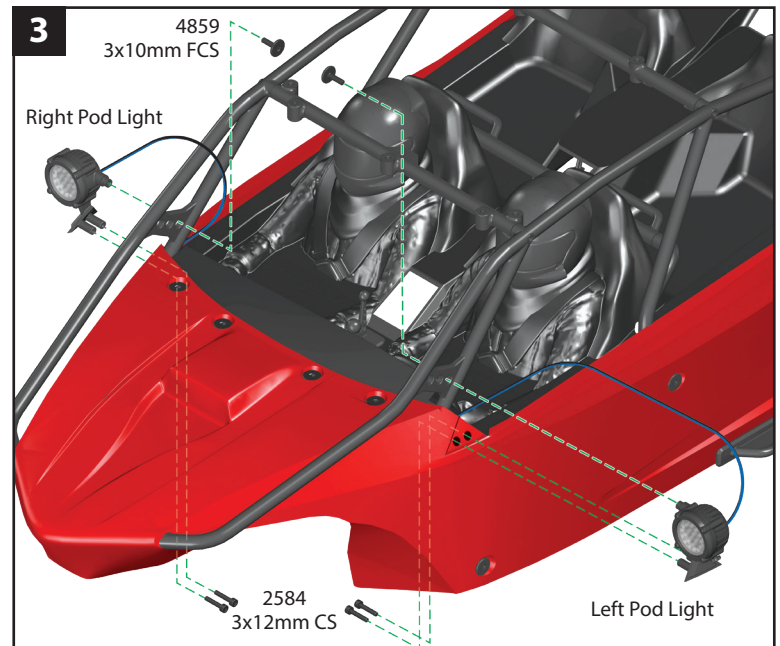
Install the included cutting templates as shown and cut two small 4.35mm holes on the left and right sides of the vehicle body (note the hole diameter measurements on the body reamer).

2

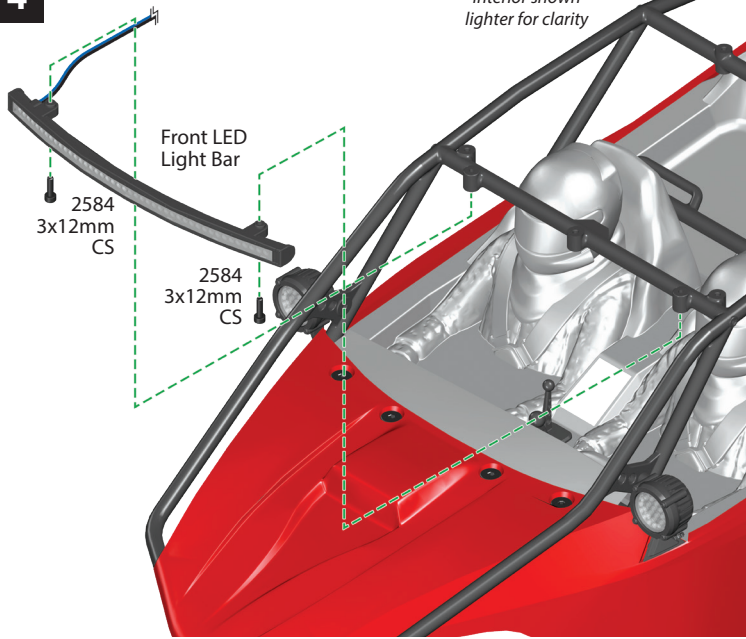


Remove the eight 3x10mm flat-head cap screws to remove the vehicle roof. Retain the screws for reinstallation.

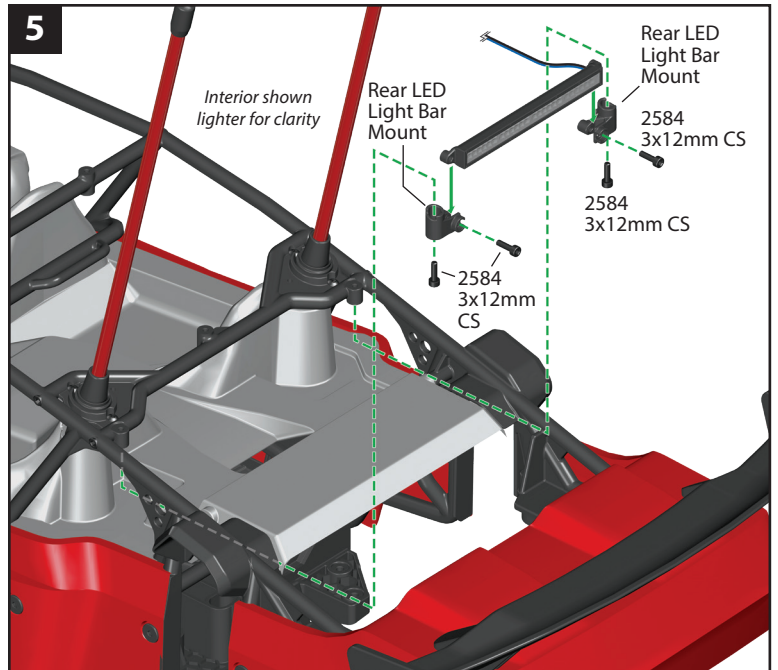
3



Insert the screw bosses on the base of the left pod light through the reamed holes on the body and attach the pod light to the body cage using two of the included 3x12mm cap screws and one 3x10 mm flat-head cap screws. Repeat for the right pod light.

4*Interior shown lighter for clarity*

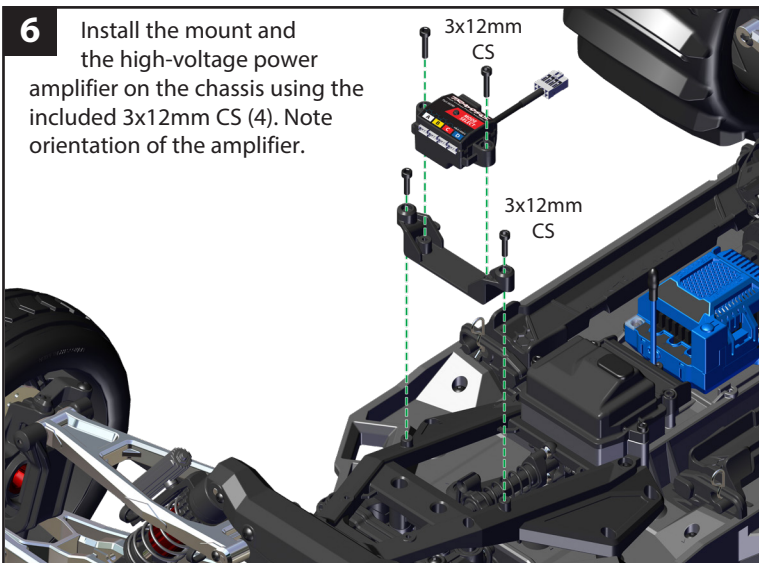
Attach the front LED light bar to the body cage using two of the included 3x12mm cap screws.

5*Interior shown lighter for clarity*

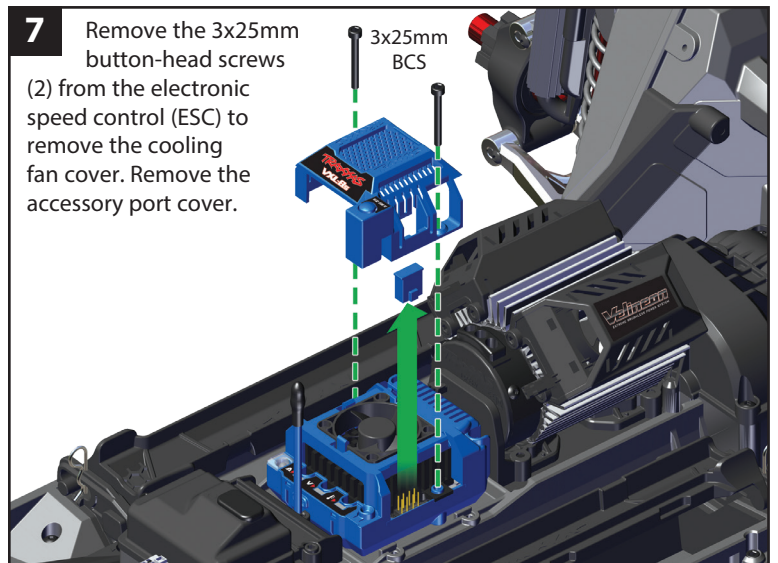
Install the left and right rear light bar mounts on the body cage using two of the included 3x12mm cap screws. Attach the rear light bar to the mounts using an included 3x12mm cap screws in each mount.

6

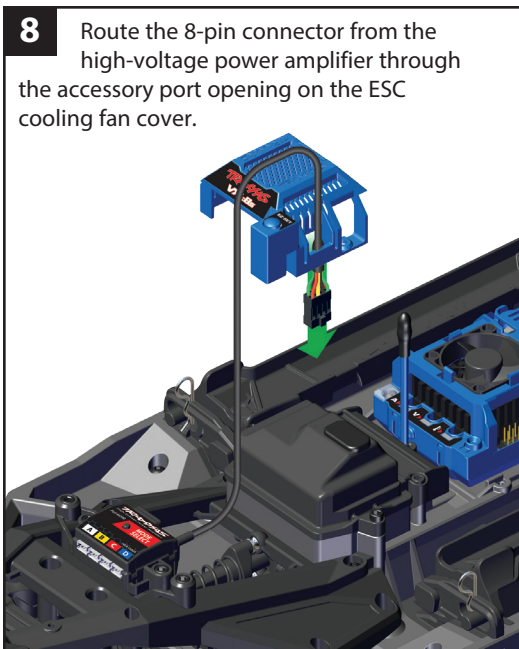
Install the mount and the high-voltage power amplifier on the chassis using the included 3x12mm CS (4). Note orientation of the amplifier.

**7**

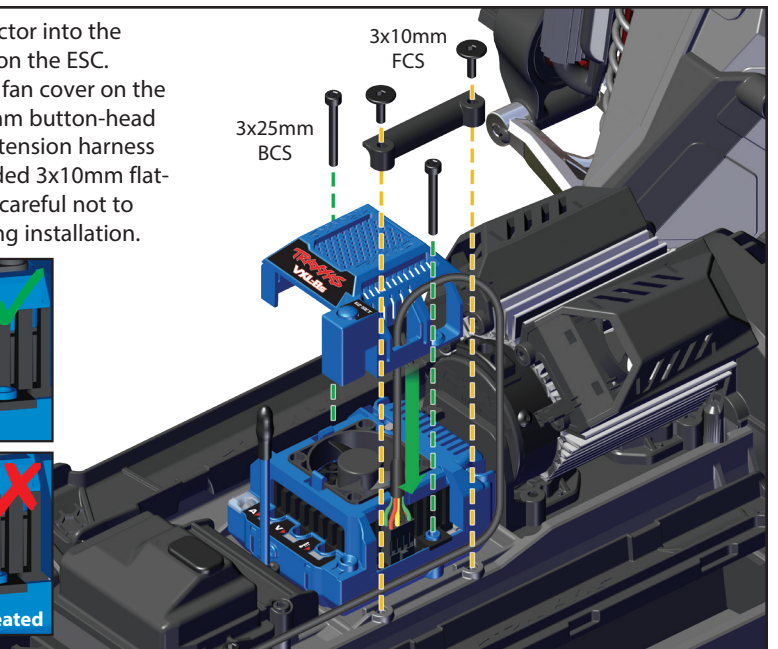
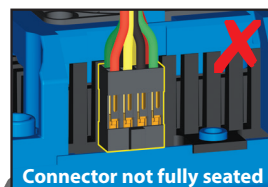
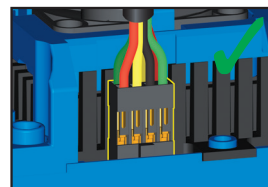
Remove the 3x25mm button-head screws (2) from the electronic speed control (ESC) to remove the cooling fan cover. Remove the accessory port cover.

**8**

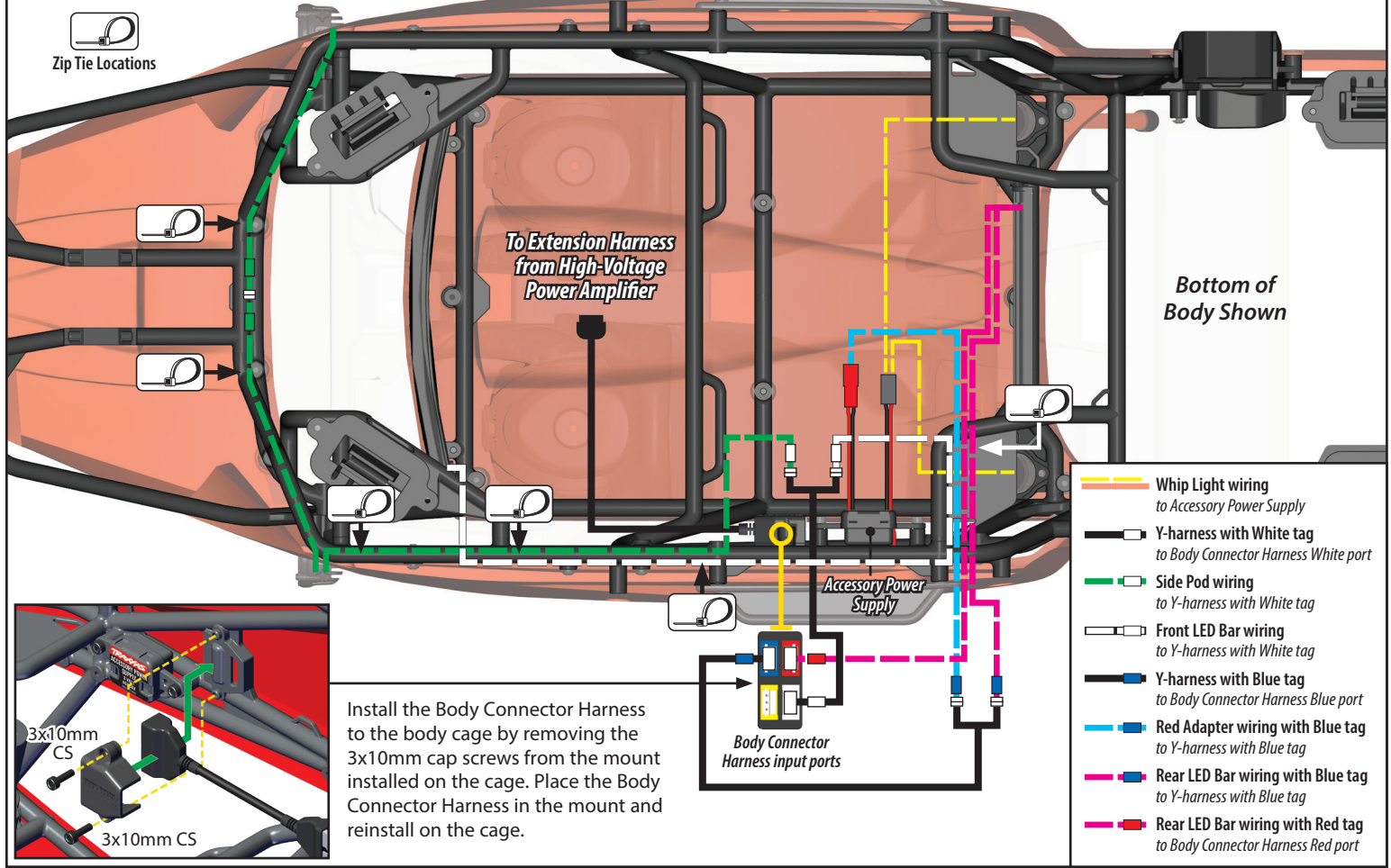
Route the 8-pin connector from the high-voltage power amplifier through the accessory port opening on the ESC cooling fan cover.

**9**

Plug the connector into the accessory port on the ESC. Reinstall the cooling fan cover on the ESC using the 3x25mm button-head screws. Install the extension harness cover with the included 3x10mm flat-head cap screws. Be careful not to pinch the wires during installation.

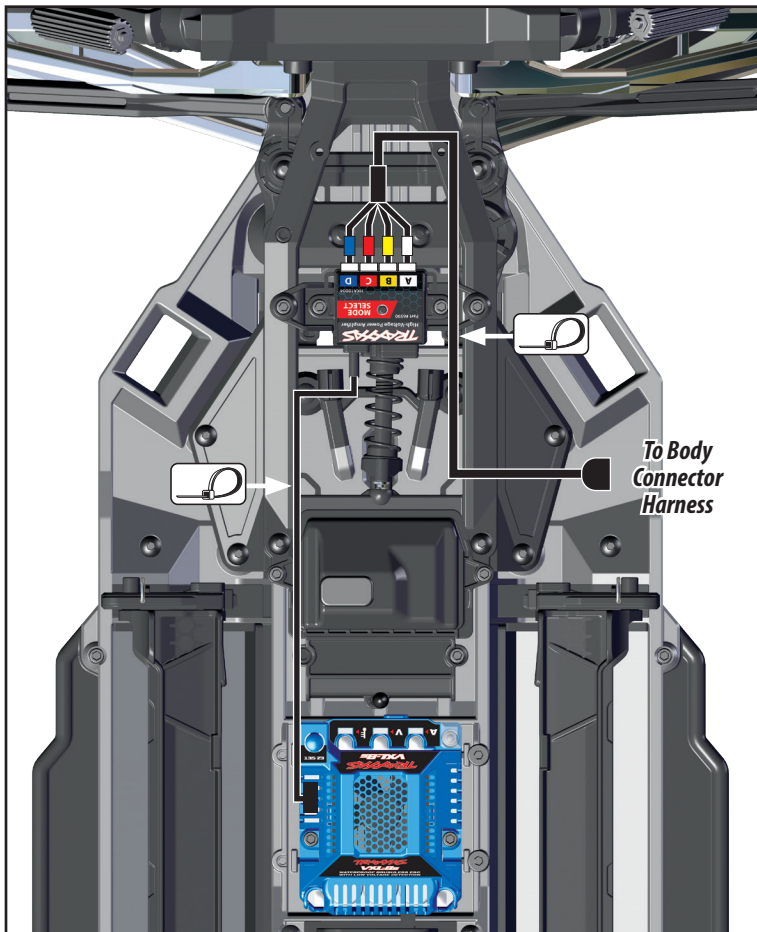


Body Wiring Diagram



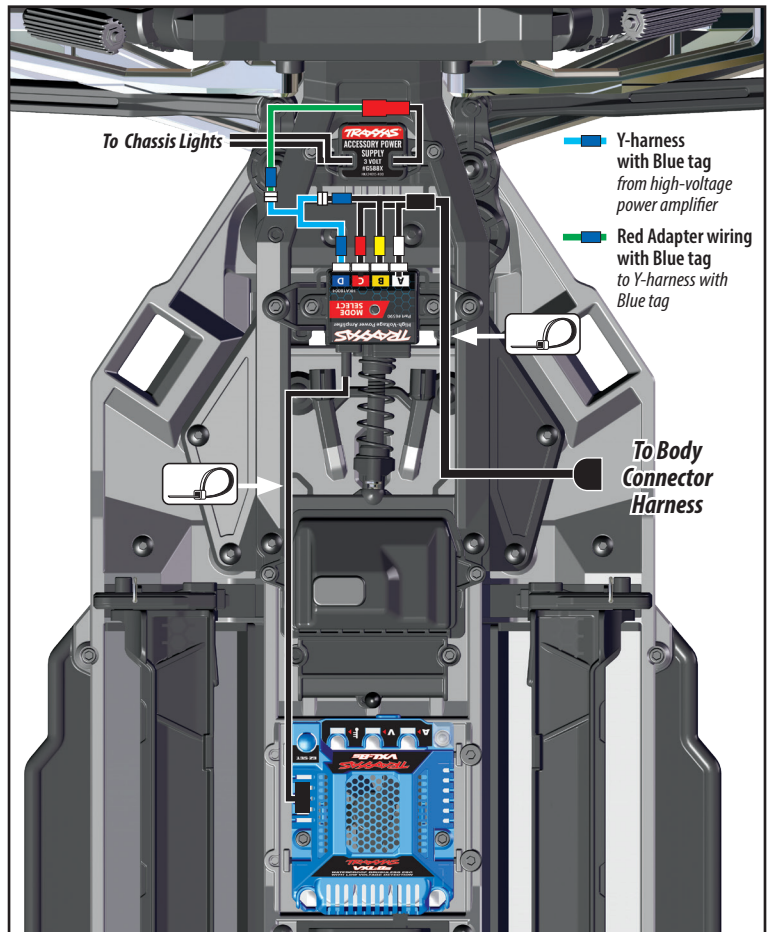
Chassis Wiring Diagram

without chassis LED light kits installed



Chassis Wiring Diagram

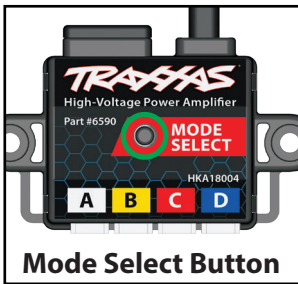
with chassis LED light kits installed



High-Voltage Power Amplifier Operation

The high-voltage power amplifier and lights will turn on when the ESC is powered on. Press the **Mode Select** button on the amplifier to toggle through the three lighting modes (**Mode 1: Low Beam (default)**, **Mode 2: High Beam**, **Mode 3: Daytime**). The chart below indicates how the lights will function in each mode.

Connector	Channel	Default Connection	Mode 1 Low Beam Mode	Mode 2 High Beam Mode	Mode 3 Daytime Mode
A	1	Low Beam Headlights (front bumper light bar)	On	Off	Off
	2	High Beam Headlights (front bumper light bar)	Off	On	Off
B	3	Low Beam Headlights (front roof light bar)	On	Off	Off
	4	High Beam Headlights (front roof light bar)	Off	On	Off
C	5	Tail Lights	On	On	Off
	6	Brake Lights	On when braking	On when braking	On when braking
D	7	Reverse Lights	On when reversing	On when reversing	On when reversing
	8	Not used	N/A	N/A	N/A



Change the high-voltage power amplifier settings and gain access to additional functions using the Traxxas Link App (available in the Apple App StoreSM or on Google PlayTM). The TQi transmitter with the Traxxas Link Wireless Module (part #6511, sold separately) are required.

This device complies with FCC Part 15 & IC RSS-210 rules subject to the following conditions: (1) This device may not cause harmful interference, and (2) This device must accept all interference received, including interference that may cause undesired operation.
App Store is a service mark of Apple Inc. Google Play is a trademark of Google Inc.

If you have questions or need technical assistance, call Traxxas at
1-888-TRAXXAS
 (1-888-872-9927) (U.S. residents only)

Limited Warranty Information

Traxxas electronic components are warranted to be free from defects in materials and workmanship for a period of 30 days from the date of purchase.

Limitations: Any and all warranty coverage does not cover replacement of parts and components damaged by abuse, neglect, improper or unreasonable use, crash damage, water or excessive moisture, chemical damage, improper or infrequent maintenance, accident, unauthorized alteration or modification or items that are considered consumable. Traxxas will not pay for the cost of shipping or transportation of a defective component to us.

Traxxas Lifetime Electronics Limited Warranty

After the expiration date of the warranty period, Traxxas will repair electronic components for a flat rate. The covered repairs are limited to non-mechanical components that have NOT been subjected to abuse, misuse, or neglect. Products damaged by intentional abuse, misuse, or neglect may be subject to additional charges. Traxxas liability, in no case, shall be greater than the actual purchase price of this product. For replacement, product must be returned in brand new condition, with packaging and itemized sales receipt.