



LED Light Kit Installation Instructions (for 1969 or 1972 Chevrolet® Blazer®) Covers Part #8090

#8090 Kit Contents:

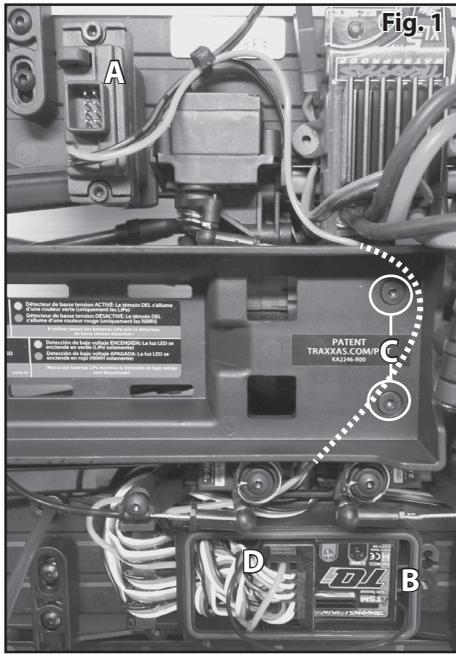
- LED lighting module
- Distribution block
- Distribution block mount
- Headlight harness assembly
- Front marker light harness
- Turn signal harness (2) (for #9123 front grille)
- Tail light harness
- Rear marker light harness
- Jumper
- Headlight reflector (2)
- 2.6x8mm button-head cap screws (2)
- 2.5x15mm cap screws (2)
- Zip ties (12)
- Zip tie mounts (4)
- Double-sided adhesive foam tape)

Tools required:

- 2.0mm hex wrench
- 1.5mm hex wrench
- Side cutters (to trim zip ties)

LED Lighting Module Installation (Fig. 1):

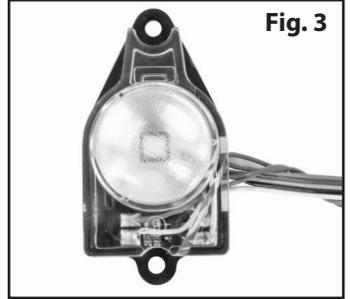
1. Install the LED lighting module (A) on the left chassis floor pan. Secure with the 2.5x15mm cap screws (2).
2. Remove the screws from the receiver box cover and wire clamp; remove the cover and clamp (B).
3. Remove the two 3x10mm countersunk cap screws from the battery tray (C).
4. Lift up the battery tray and route the red wire (male connector) from the LED lighting module to the right side of the chassis, between the two T-Lock servos, and through the hole in the receiver box. Plug the connector into channel 1 of the receiver (D). **Note:** The connector can be plugged into any non-telemetry channel on the TQi receiver.
5. Apply an additional bead of silicone grease (Traxxas part #1647, sold separately) to the wire clamp. The grease will improve sealing. Reinstall the clamp and screws.
6. Make sure the o-ring is properly seated into the groove in the receiver box so that the cover will not pinch it or damage it in any way.
7. Install the cover and screws. Inspect the cover to make sure the o-ring seal is not visible.



8. Reinstall the screws in the battery tray.
9. Connect the black wire (red female connector) from the LED lighting module to the red wire (male connector) exiting the XL-5 HV electronic speed control.

LED Headlight Installation (Fig. 7)

1. Remove the 2.5x6mm button-head cap screws from each headlight assembly and remove the assemblies (E) from the grille (see Assembly Diagram, Fig. 11). Retain and reuse the plastic headlight mounts and hardware.
2. Install the chrome reflectors (F) (2) onto the circuit boards of the LED headlight harnesses (G) (Fig. 2). **Note:** The reflectors must be installed correctly to sit flat against the circuit boards. Align the keying features (pegs on the reflectors with holes in the circuit boards). Also, there is a notch on the bottom side of the reflectors for clearance of the wires on the circuit boards.
3. Install the circuit boards into the existing plastic headlight mounts (H); then, install the headlight lens (I) over the chrome reflectors and onto the circuit boards (Fig. 3). **Note:** Align the keying features (pegs on the lens with holes in the circuit boards and headlight mounts).
4. Install complete left and right headlight assemblies into the front grille and secure with the 2.5x6mm button-head screws removed during disassembly.
5. Snap the LED side marker lights into the receptacles near each headlight.



LED Tail Light Installation (Fig. 6)

- Note:** The tail light LED light harnesses have a long and short wire lead. The short wire of each harness should be installed on the left side (driver side) of the vehicle body.
1. The rear side marker light harness has the smaller 3mm LEDs with the blue color band near the connector. Snap the rear side marker LEDs into the side marker light receptacles.
 2. The tail light harness has the larger 5mm LEDs with the red color band near the connector. Snap the tail light LEDs into the tail light receptacles.

Wire Routing (Fig. 10)

When installing the LED light harnesses, note where the installation begins and ends in the Wiring Diagram (Fig. 10). Install the included zip tie mounts and use zip ties to secure the wiring to the body in the locations provided. The zip ties do not need to be tight; allow some slack for wire movement.

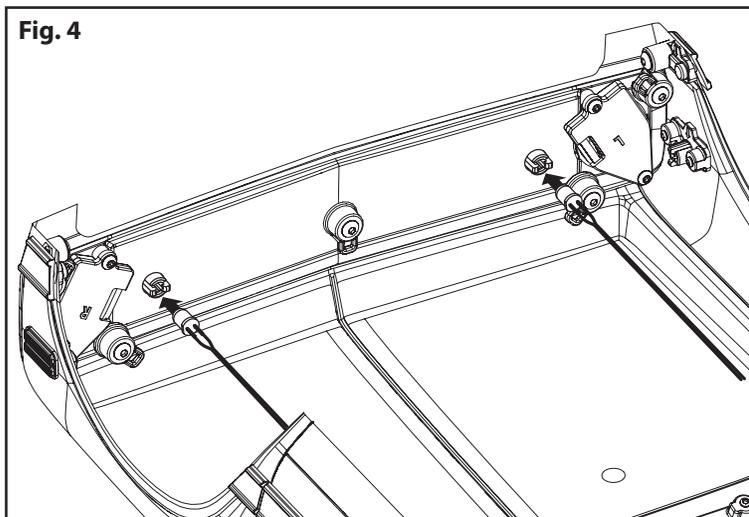
1969 CHEVROLET BLAZER

The 1969 Chevrolet Blazer includes front grille-mounted LED turn signals.

Note: The front grille-mounted turn signal light harnesses (2) have white female connectors attached.

Installation

1. Plug the white male connectors (2) from the headlight harnesses into the white female connectors (2) on the turn signal light harnesses.
2. Snap the LEDs turn signal lights into the receptacles on the front grille (Fig. 4).
3. Follow the same wire routing as the headlight and front side marker light wiring (see *Wiring Diagram on reverse side*).
4. Plug the LED harness connector into the LED lighting module.



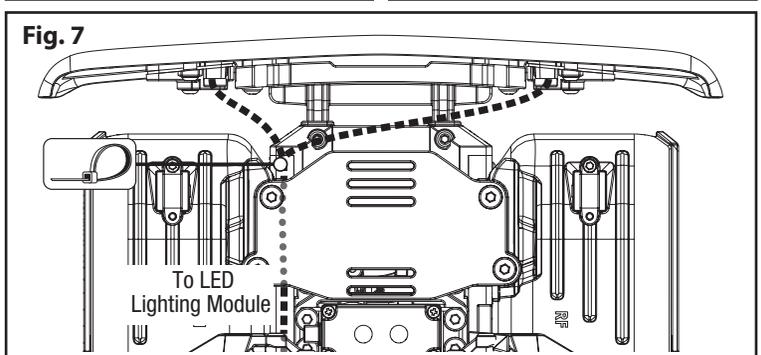
1972 CHEVROLET BLAZER

The 1972 Chevrolet Blazer includes front bumper-mounted LED turn signals.

Note: The front bumper-mounted turn signal light harness has small 3mm LEDs installed at a 90° angle and have a blue color band near the connector.

Installation

1. Remove the screw pins (2) and remove the front bumper/bumper mount from the chassis crossmember.
2. Remove the 2.6x6mm button-head cap screws (2) from each turn signal mount and remove the mounts (J) from the front bumper (see Assembly Diagram, Fig. 11).
3. Route the front turn signal LEDs into the mounts (Fig. 5).
4. Install complete left and right turn signal assemblies into the front bumper and secure with the 2.6x6mm button-head cap screws removed during disassembly (Fig. 6).
5. Route the harness along the left side (driver side) chassis rail (Fig. 7). Use zip ties to secure the wiring.
6. Plug the LED harness connector into the LED lighting module.



Distribution Block Installation

1. Remove the 1.6x5mm button-head screws (2) from the driver side (left side) door handle mount (K). Remove the mount.
2. Peel the backing from the included adhesive foam tape and attach it to the flat surface on the back of the distribution block mount (L) (Fig. 8). *Do not remove the backing from the other side of the tape yet.*
3. Install the distribution block mount and secure with the 1.6x5mm button-head cap screws (2) from step 1 as shown in Fig. 9.
4. Gently flex the body away from the distribution block mount and remove the backing from the other side of the foam tape. Press the body against the mount to adhere it to the mount.
5. Plug the connectors from the LED light wire harnesses into the ports of the distribution block (M). Match the color band on the wire harnesses with the corresponding color of each port indicator on the distribution block (white for headlights and front side marker lights, red for tail lights, blue for rear side marker lights).
6. Plug the included jumper into the green port of the distribution block as indicated (see Wiring Diagram, Fig. 10). **Note:** The jumper will allow the LED lights to go into full power (high beam) mode. The jumper is not required for the LED lights to function (the lights will remain in low power (low beam) mode if the jumper is not used).
7. Use the included 2.6x8mm button-head screws (2) to secure the distribution block to the mount (Fig. 9).

Fig. 8



DISTRIBUTION BLOCK PORTS

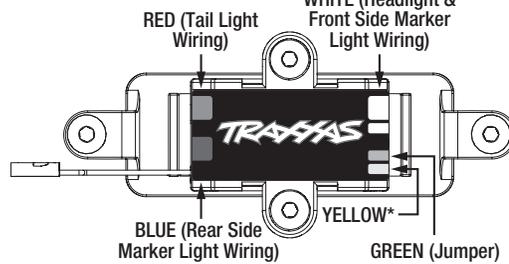
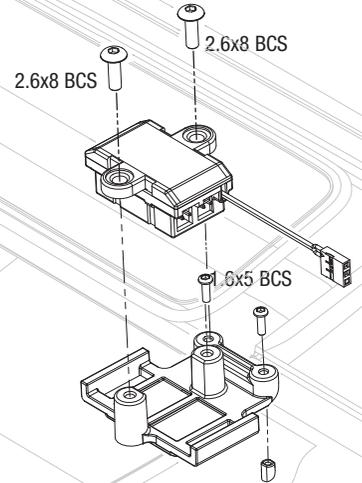


Fig. 9



Wiring Diagram

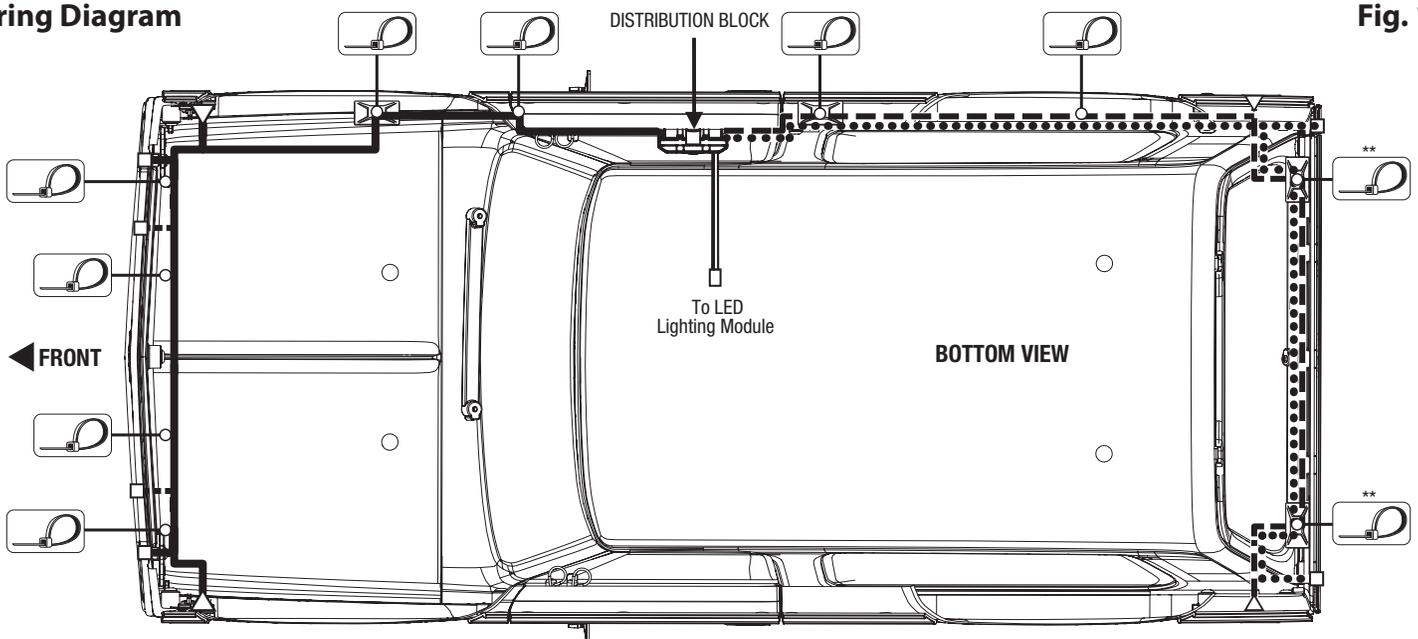


Fig. 10

**Use the included zip tie mounts in these locations if the body is not equipped with rear trim

Assembly Diagram

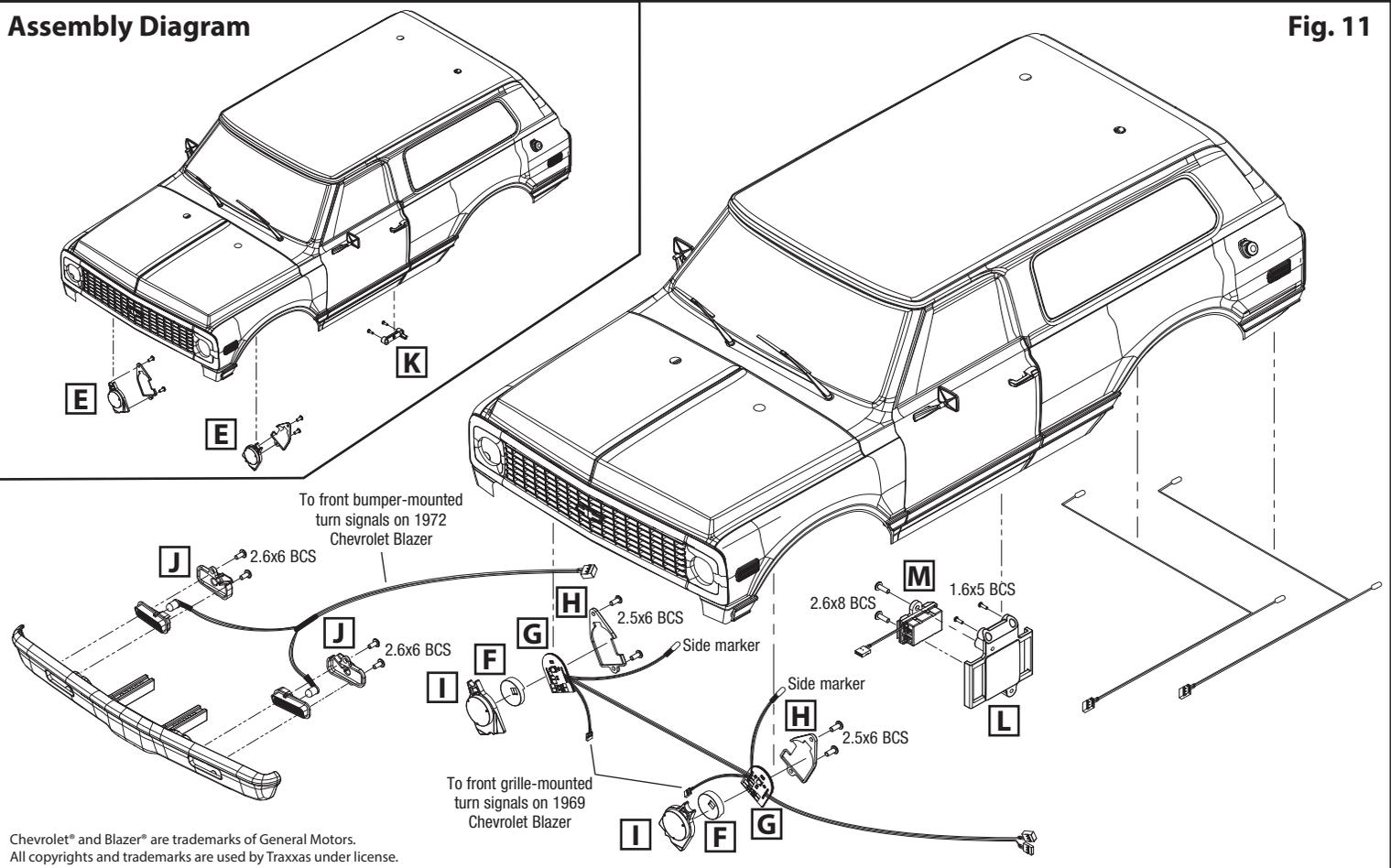


Fig. 11