

Torch Light Halogen and Mini-Torch Halogen Wiring Instructions

WARNING

TrailTech lights will become hot during operation. To avoid injury, do not touch the lights when they are in operation. When the lights are off, allow ample time for the lights to cool before touching them. TrailTech will not be held responsible for injuries caused by negligence.

Most ATV's can handle 70 watts of lighting without overloading the stator. If the quad's stator is stock, do not wire the Torch Lights so that the Torch Lights and stock lights are on at the same time - battery drain and/or dimming lights may occur. The simplest way to install the Torch lights is to wire them into the stock harness by utilizing one of the beams (most quads have both high and low beam). In this way, the stock switch is used to turn on either the Torch lights (one beam) or the stock lights (the other beam). The wiring on the Torch lights is simple – one wire goes to positive, one to negative or frame ground (there are no polarity requirements).

TORCH LIGHT INSTALLATION WITH STOCK LIGHT WIRING HARNESS (recommended)

The stock wiring harness has three wires to each light:

- ▼ One Ground wire (Usually Black for Yamaha; Usually Green for Honda; Brown for Predator)
- ▼ One Low Beam wire (Usually Green for Yamaha; Green for Predator)
- ▼ One High Beam wire (Usually Yellow for Yamaha; Yellow for Predator)

If you don't know which wire is which, use a volt meter to verify which of the wires on your bike are high beam, low beam and ground.

The Torch lights do not have High/Low beam settings. If you are replacing the stock lights entirely, you will only use two of the three wires from the stock lights: one of the positive leads, and the negative lead. The third wire from the stock lights should be insulated to ensure a short circuit does not occur.

If you will be using both Torch lights and stock lights, choose either high or low beam from the stock lights. Run one wire from each of the Torch Lights to the ground wire (or the frame). Attach the other wire from the Torch lights to the high or low beam wire from the bike (we recommend using the high beam wire). Once the wiring modification has been completed, the TrailTech Torch Lights will be on when the high beam is selected. When the low beam is selected, the Torch lights will be off, and the stock lights will be on.

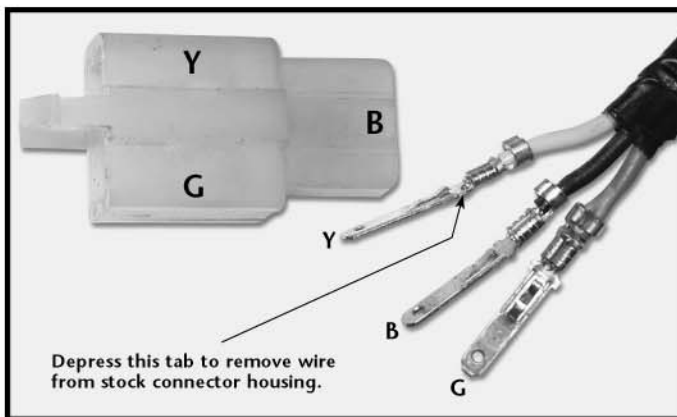


Figure 1. Remove stock wires from connector

If it is desired to connect the Torch lights without cutting the stock wires:

- Mark the connector housing to identify where each wire belongs.
- Remove the wires from the connector housing by depressing the pin on the terminal. The pin can be depressed with a small pair of needle nose pliers, a small flat blade screwdriver or a paper clip. While depressing the pin, push then pull the wires from the connector housing.

Note:

When changing the lamps, press firmly on the lens while loosening the metal ring that holds the lamp in place. If the lamp is not held in place, it may spin as the ring is loosened, causing the connector wires to twist and possibly break. Follow the same procedure when installing the new lamp.

TRAIL TECH™ Torch Lights are warranted to be defect free for a period of thirty (30) days from date of original purchase. The warranty does not cover damage as a result of improper installation, or improper use. The billet aluminum lamp housing and mounting hardware have a lifetime warranty.

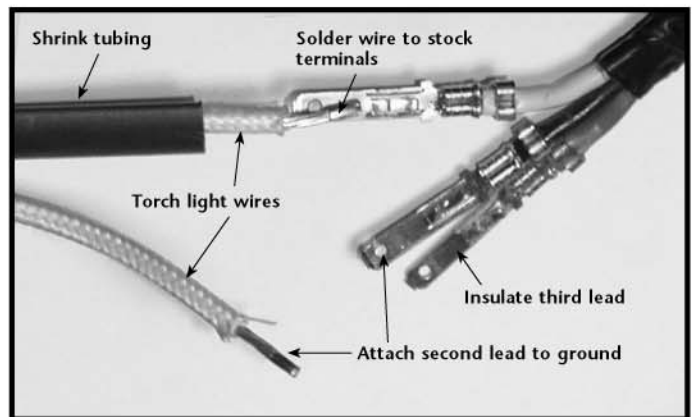


Figure 2. Attach leads to stock wires

Connect the Torch Light wires to the stock wires:

- For best connection, solder the Torch Light wires to the stock terminals.
- After soldering the wires, slide the shrink tubing over solder joint and heat the shrink tubing with a blow dryer. If applicable, insulate the un-used lead with electrical tape or shrink tubing.

TrailTech products are available in professional motorcycle shops.
Please contact your nearest TrailTech authorized motorcycle dealer for any questions.
For customers in the U.S.A. Call : 360-687-4530 Website : www.trailtech.net
Trail Tech Inc.

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TORCH LIGHT