

PRODUCT	PROBLEM	SOLUTION
All LED Lighting	What is the basic LED wiring configuration?	LED Wiring: White => Ground Black => Tail Light (Dim) Red => Brake Light (Bright) Yellow => Dual (aka Auxiliary)
All LED Lighting	1. Some of my LEDs are not working. 2. I have 60 button lights and a bunch of them do not work.	<ol style="list-style-type: none"> 1. Check all wiring along the lights to look for any loose or un-insulated wiring. 2. Separate and insulate all wires accordingly. 3. Do not OVER-BUNDLE UNINSULATED WIRING (electrical issues can occur if incompatible exposed wires are touching). 4. Make sure you are adding ground every 6 lights. 5. Avoid running 1 ground for 20 plus lights. It can create issues. 6. If using a junction box, do not hardwire it in, use the proper connector. 7. As a rule, it is worth spending a little time up front for prevention instead of a lot of time later on trying to discover and solve a hidden issue. Better to find and remove the needle BEFORE it goes into the haystack.
All LED Lighting	LEDs are blinking too fast	<ol style="list-style-type: none"> 1. Are you using the lights on anything besides a truck (JEEP, ATV, pick-up etc.). 2. If so, install a TU-1005 load resistor for each light. You can use out TU-1005 which will draw the same current as a 21-watt globe.
EXPLANATION		
This may occur when using LED's for pick-up truck, ATV, JEEPS etc. for which they were not originally designed for.		

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All LED Lighting	<p>1. Are Trux's LEDs dual voltage (DV)?</p> <p>2. Can Trux's LEDs work in a 24V system?</p>	<p>All Trux LED and DUAL Revolution LED Voltage is 12V. They are not designed for Dual voltage (no DV of 12/24, 12/36 etc.). However, they can be used with a 24V or 13.5V system - but they will burn brighter and likely have a shorter lifespan.</p> <p>Since the amperage goes down when voltage goes up, it typically OK to change a lamp to accommodate a 24V bulb as far as the wiring is concerned. However, the 24V bulb will generate more heat and there is the potential the lens or housing designed and tested for the 12V bulb, may not withstand the extra heat.</p>
All Dual Revolution LED Lighting	<p>How do you set up the Dual Revolution lights?</p>	<p>For Dual Revolution LED's that are green, purple and blue:</p> <p>The Dual Revolution series is DOT Compliant when they are functioning as TM/STT/BU in their DOT colors (Red, Amber, White). However, they are NOT DOT Compliant when they are in blue, green or purple mode, so they must be set up through an independent on/off switch.</p> <ol style="list-style-type: none"> 1. Connect your on/off switch to the truck's power supply. 2. Run a main auxiliary line from your on/off switch to the area where you want to connect your Dual revolution lights. 3. Connect the Dual Revolution auxiliary line (yellow) of each dual revolution LED to the main auxiliary line. 4. Every time you flip the switch, the Dual Revolution color (green, purple, blue), will override the red, white or yellow color. <p>For Dual Revolution LED's that are fully D.O.T., simply set up the wiring to the light's function as indicated in the instructions.</p>

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All Dual Revolution LED Lighting	Wires are melting. Fuse is breaking	If the wire is melting, use a thicker gauge wire. If the fuse is breaking, reduce the load on the fuse or get a higher capacity fuse.
All LED Lighting	Can I turn the marker functions into brake function in a 1 or 2 function light (ie. TLED-FX70)?	If there are 3 wires, you can try re-routing the wiring as follows: White => Ground Red=> To Brake instead of Marker Yellow => To White Back-Up Light But this will not be DOT for STT
All LED Lighting	Do you have load resistors built into your light?! This blinking didn't happen with my OEM which were also LED!	Some LEDs are built with load resistors inside of them. Trux's are not. If your previous LEDs had load resistors in them, it is possible that the onboard computer will create issues. Apply the TU-1005 load resistor to the wire function that is having issues. <div style="text-align: right;"> </div>
All LED Lighting	I hear Radio Interference in my radio (usually an issue with motorcycles)	We suggest attaching a TU-1038 Ferrite coil to the radio's wiring If after attaching one you still hear interference; we suggest adding more of them.
EXPLANATION		
Ferrite Coils are magnets that surround the wire and reduce the interference of radio frequencies coming from the LED light. It is an issue with after-market and more sensitive radios. In electronics, a ferrite core is a type of magnetic core made of ferrite on which the windings of electric transformers and other wound components such as inductors are formed. It is used for its properties of high magnetic permeability coupled with low electrical conductivity (which helps prevent eddy currents).		

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All Multicolor Light Bars	Bluetooth not working on multi-color lightbars	<ol style="list-style-type: none"> 1. If the lights are actually working, the issue is unlikely the light and more likely the app or your phone. 2. May have to use the other app "RGB Remote" 3. One problem may be that the Bluetooth may have been connected previously by someone else. You may only be able to connect your phone to the device once the previous person logs out and disconnects the Bluetooth item from their device.
TLED-U	How do I attach the wire harness?	<ol style="list-style-type: none"> 1. During installation, don't forget to zip-tie the 16 gauge wiring harness (which is included in the Trux retail Box) so that it is away from moving parts and sharp edges. 2. Mount the relay switch near your vehicle's battery. 3. Route the LED switch cable through the firewall's diaphragm opening, then connect it to the wiring harness. 4. Cut and splice the LED light bar wire into the wiring harness outlets using butt-connectors. 5. Attach the harness power cables to the terminals on your vehicle's battery. 6. Use zip-ties to secure any excess wiring. 7. Fasten your LED switch to your lower dashboard. Now it's time to test out your new Trux LED light bar.

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TLED-4X40	Can I use the white light on my 4X40 as a white work light?	<ol style="list-style-type: none"> 1. In order to do that, you must run the white Back-Up function on a separate line than the STT/BU line. It should be a line dedicated to work lamps. 2. But you will need to add a terminal since there is no ground just for the Back-Up Lamp. You can add a tiny screw with a ring terminal and the jumper will create a positive for the White Back-Up Light.
TS-KENL1 Series	Installation Instructions	<ol style="list-style-type: none"> 1. Lift the hood to access the emblem housing from the backside of the grill. 2. unscrew and remove the current emblem and detach any wiring 3. Place the TS-KENL1 into the housing by mounting the OEM bolt through the hole in the TS-KENL1. The TS-KENL1 should be resting on the bolt. 4. attach the wiring (black is ground) 5. Test the wiring the make sure the LEDs function properly. 6. Place the OEM Emblem over the TS-KENL1 and connect both pieces firmly with the OEM bolt and nut 7. Test the lighting once it is all installed to make sure everything is working properly
TS-KENL1 Series	The emblem doesn't fit in the housing	Kenworth changed the shape of their housing for this emblem around 2016 or so which means that our TS-KENL series will not fit on trucks manufactured after that year. I am really sorry for any inconvenience this may have caused you but you can return the emblem if this is the case.
TLED-FLCA	Bare wire won't plug into the OEM	It has to be hotwired in.
TLED-INF2CA	Water Infiltration	When lights is hot, it is fine, but when cold, the silicon or glue around the light shrinks allowing water or moisture to get inside.

ACCESSORIES

PRODUCT	PROBLEM	SOLUTION
Bezels Grommets LEDs that use them	How do you install a bezel and grommet?	<ol style="list-style-type: none"> 1. Place the LED into the Grommet 2. Place Grommet w/LED into the light hole. (Be sure they are light holes for the right sized lights) 3. Once in and wired properly, secure it with the bezel. <ol style="list-style-type: none"> a. If it is a Screw-On, then attach the bezel over the grommet with 2 or 3 Stainless steel screws provided. b. If it's a Twist-On, the 4 special tabs attached behind the bezel will grip under the grommet and lock once you twist adequately. 4. Because Trux Grommets are rubber, they will expand in the hole creating a firm grip on the LED. That, with the downward pressure from the bezel, will secure the LED even more.
Bezels Grommets	<ol style="list-style-type: none"> 1. The light is not fitting snugly into the grommet 2. The light is loose and wobbly in the grommet 3. The grommet not holding the LED firmly in place 	<ol style="list-style-type: none"> 1. First check if they are using the correct size grommet (2", 2.5", 4", Oval and Square) 2. You need to add the Bezel. The screw will hold it in tight.