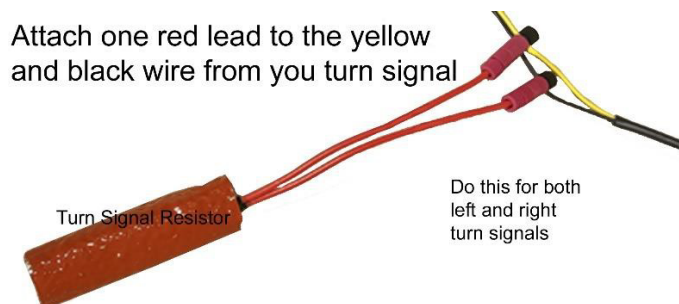




Tuff Light Turn Signals

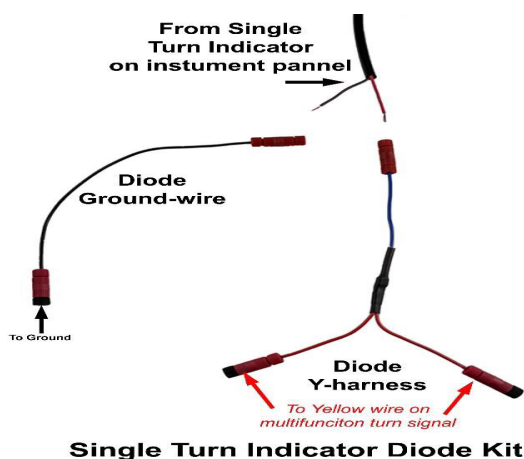
Disclaimer: We assume you possess the expertise and relevant tools to work on your machine. We also assume you have the OEM/Stock owner's manual or technical service manual for your machine. If you do not possess the skills, knowledge, or tools necessary to perform the installation of electrical and/or aftermarket parts, please see a qualified service provider.

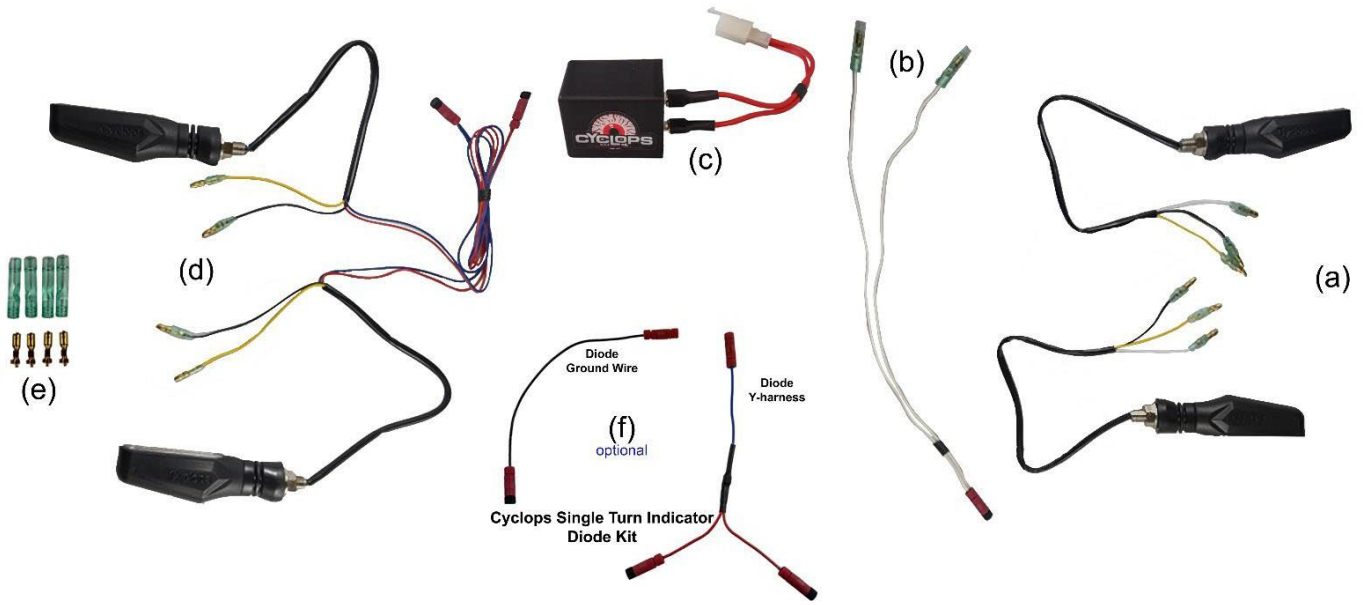
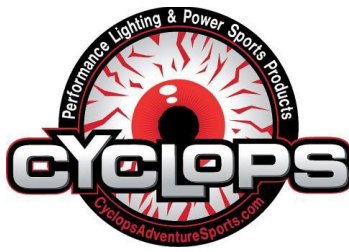
1. Start by removing your factory turn signals.
2. Install the Tuff Light turn signals.
 - a. The front signals will have a white wire
 - b. The rear signals will have a red and blue wires
 - c. Use a 14mm wrench on the silver nut.
 - i. **Do Not Twist turn signal to tighten, only turn the 14mm lock nut**
 - d. Use blue thread lock on all bolts and nuts when securing.
3. FRONT: Locate a switched dc power source (parking light bulb or a switched accessory wire)
 - a. Connect the Posi-Tap on the white jumper wire to the DC switched power source.
 - b. Connect the white jumper wire female bullet connectors to male bullet connectors on white wire to each front Tuff Light turn signal.
4. REAR: Locate the power wire that illuminates the brake light and taillight.
 - a. Use the supplied Posi-Tap and connect **the red wire** from the multifunction turn signals into the **brake light power wire**.
 - b. Use the supplied Posi-Tap and connect **the blue wire** from the multifunction turn signals into the **taillight power wire**.
 - c. Cut the OEM/Stock turn signal connectors off the OEM/Stock wiring harness turn signal outputs.
 - d. Crimp the provided female bullet connectors to the Stock wiring harness for each wire cut (should be four (4) wires)
 - e. Connect the new bullet connectors to the black and yellow wires from the new Tuff Light turn signals. Your ground to black, your positive to yellow.
5. Locate the factory flasher relay. Typically, behind instrument cluster. Remove factory unit and replace with Cyclops L.E.D. flasher relay.
6. If you are using front only or rear only signals you may need to add a Cyclops Light Resistor on each turn signal. [\(Purchased separately\)](#)





- Test to ensure all the functions are working.
- Front Tuff Light turn signals will have white running light when the bike is turned on.
 - Rear Tuff Light turn signals will light up RED when the bike turned on (this was step 5b above).
 - Rear Tuff Light turn signals will light up BRIGHT RED when brakes are applied (this was step 5c above).
 - The left and right turn signals should work the same as the OEM/Stock signals.
7. Zip-tie any loose wires. Reassemble bike.
8. If you experience all the signals flashing at once, you will need to install the Cyclops Single Turn Indicator Adapter at this time. ([Purchased separately](#))
- This typically occurs on bikes that are still equipped with an incandescent bulb separate of the instrument cluster.
 - Install the Single Turn Indicator Diode kit
 - Locate the two wires from the turn signal indicator.
 - Cut the turn signal indicator wires 2-3 inches down from the bulb housing and before the wires go back into the main harness
 - Attach and tighten the blue wire Posi-Tap from the diode Y-harness onto one of the two wires from the bulb.
 - Install the two (2) red wire Posi-Tap from the diode Y harness onto the yellow wires from your Cyclops left and right Tuff Light turn signals.
 - Install the black wire Posi-Tap from the diode kit onto the other wire from the other wire from the signal indicator bulb. Use the other end Posi-Tap and connect this to ANY ground wire that is not part of the turn signal system





a	Front multifunction turn signal	Qty 2	d	Rear multifunction turn signal (blue/red)	Qty 2
b	Front running light jumper wire	Qty 1	e	Female bullet connectors	Qty 4
c	LED flasher	Qty 1	f	Single Turn Indicator adaptor (optional)	Qty 1

