



Custom Dynamics® Metric Diode Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® Metric Diode Kit. Our products utilize the latest technology and highest quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support. If you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Number: GEN-MDK

Package Contents:

- Metric Diode Module (1)
- Heat Shrink Tubing (5)
- 7" 24 gauge black wire (1)



Fits: Metric cruisers with one turn signal indicator bulb (the bulb that tells you the turn signals are on) require this kit when Front turn signals bulbs are replaced with LEDs.



ATTENTION



Please read all Information below before Installation

Warning: Disconnect the negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

Safety First: Make sure the bike is parked on a level surface and bike's mechanical components are cool to the touch.

Notice: Always wear appropriate safety gear including safety glasses when soldering or performing any electrical work.

Installation:

1. Consult your bike's service manual on how to access the indicator light and or bulb replacement. Remove any parts from the bike to gain access to the wiring of the indicator.
2. Cut the two wires coming out of the indicator. Allow enough wire necessary for splicing.
3. Strip the jacketing off the ends of the indicator wires with wire strippers. Allow enough wire to make solder connections. Strip the ends of the wires going to the turn signals.
4. Slide the provided heat shrink tubing over both indicator wires.
5. Solder one wire from the turn signal indicator bulb (it does not matter which one) to ground. Use the provided black wire with the kit to extend the wire if needed. Once connection is made, cover solder joint with the heat shrink tubing and heat with a heat gun or hair dryer until heat shrink tubing has insulated connection. (See wiring diagram on page 2)
6. Solder the other wire from the indicator to the single WHITE wire side of the "Y" Metric Diode module. Cover with heat shrink tubing. Apply heat until well insulated.
7. Slide the provided heat shrink over both red wires of the "Y" Metric Diode module.
8. Solder the two red wires of the "Y" Metric Diode module to the turn signal wires (the other ends of the wires you cut from the indicator. It does not matter which red wire of the "Y" Metric Diode module is soldered to the turn signal wires. Cover the connections with heat shrink tubing and apply heat until well insulated.
9. Reconnect the negative battery cable to the battery.
10. Test turn signal functions.
11. Reinstall dash assembly.

Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Wiring diagram:

