



Installation and Troubleshooting Guide

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CDI P/N: 111-3473

WARNING! This product is designed to be installed by a professional marine mechanic. CDI Electronics cannot be held liable for injury or damage resulting from improper installation, abuse, neglect or misuse of this product.

NOTICE: DO NOT EXCEED 16 VOLTS OR OPERATE BELOW 11 VOLTS INTO THIS UNIT AS DAMAGE TO THE UNIT MAY OCCUR AND IS NOT COVERED UNDER WARRANTY.

Installation

1. Install the metal plate where so it is grounded to the engine block or the battery negative terminal. Ground the Black wire to another location as a safety ground.
2. Connect the Red wire to a switch controlled 12 volt source.
3. If using as an ignition source, connect the spark plug wire to the ignition coil tower and the igniter fixture.
4. If using as a high voltage power source, disconnect the Green wire from the ignition coil and connect it to the device requiring the high voltage.
5. A kill (stop) switch may be wired in line to the Red wire as a normally closed contact. If the stop switch is activated, the power to the inverter will stop and the inverter will no longer produce high voltage.

Troubleshooting

No Spark:

1. Check for voltage on the Red wire, you should show battery voltage between 12 and 15.6 volts.
2. Check the voltage on the Green wire, you should show approximately 200 Volts using a DVA meter/adaptor. If the voltage is low, connect the green wire to a pack load resistor and retest. If the voltage now shows correct, the ignition coil is defective. If the voltage remains low, the unit is likely defective as long as the volt into the unit.

Thank you for using CDI Electronics.

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