



Installation and Troubleshooting Guide

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CDI P/N: 511-9773, 511-9773NL

The (DVA) PEAK READING VOLTAGE AND RESISTANCE CHARTS can be downloaded from our website @

<http://www.cdielectronics.com/Support.aspx>

You may also order laminated versions of the charts (P/N: 961-0003) for use in the shop, where grease or chemicals would damage regular paper copies.

NOTICE: The charts were compiled using the CDI 511-9773NL Peak Adapter with a shielded Digital Multimeter.

(NOTE) The resistance readings are given for a room temperature of 68°F. Higher temperatures will cause a slightly higher resistance reading.

DVA readings should always be taken with everything hooked up with the exception of the stop circuit.

The CDI peak reading voltage adapter is specifically designed to work with shielded Digital Multimeters. This adapter will simplify the testing of electronic ignition systems, stators, sensors and charging systems.

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The DVA readings will be approximately the same as any other DVA meter and the specifications listed in the service manuals can be followed without problems (Hopefully a little easier to you).

The CDI piercing probe set (511-9770) and the pack load resistor (511-9775) are highly recommended for use with this adapter.

INSTRUCTIONS

1. Plug the adapter into the shielded Digital Multimeter with the (+) rib side pin in the (V, Ohms) jack and the other pin in the (COM) jack.
2. Set the digital voltmeter to DC Volts (the purpose of the adapter is to convert and *store* the voltage so that it can be read by a meter).
3. Connect the probes to the component to be measured.

*(NOTE) The adapter will **automatically compensate for polarity** and all readings will be peak voltage.*

The charts are for reading of Chrysler, Force, Mercury, OMC (Johnson/Evinrude), OMC Sea Drive and Yamaha engines. Other ignitions can be tested using test results given by the manufacturer of the equipment or by comparing a known good system to a suspect one.

Thank you for using CDI Electronics.

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