



Installation and Troubleshooting Guide

This installation is to be completed by an Authorized Dealer or Professional Service Technician. For questions regarding installation or warranty, call CDI Tech Support at 866-423-4832. Do not return to the Dealer or Distributor where the part was purchased. Contact CDI Electronics Directly for Return Material Authorization.



CDI P/N: 511-9773

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

CDI Electronics is not responsible for damage to Multi-meters or any other equipment, as well as any injuries resulting from improper use of this DVA adapter.

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. The DVA readings will be approximately the same as any other DVA meter and the specifications listed in various engine 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.

The adapter will automatically compensate for polarity and all readings will be peak voltage.

All DVA readings are to be taken with the engine cranking over, as if to try to start the engine.

Please refer to the engine's OEM service manual for proper DVA specifications and troubleshooting.

INSTRUCTIONS

1. Plug the adapter into the shielded digital Multi-meter with the (+) rib side pin in the (V, Ohms) jack and the other pin in the (COM) jack.
2. Plug the provided meter leads into the DVA adapter in the correct orientation, Black meter lead to the Black jack port and the Red meter lead to the Red jack port.
3. Set the digital multi-meter to DC Volts (the purpose of the adapter is to convert the voltage so that it can be read by a meter).
4. Connect the probes to the component to be measured. Do not touch the tips of the meter leads or any bare wire of the component to be tested or you could be injured.
5. Refer to the service manual for your engine as well as the CDI Electronics Troubleshooting guide for meter settings and the specifications for your engine.
6. Crank the engine over with the starter motor and note the DVA reading displayed by your meter. Take special notice of the decimal point and any notation listed with the reading. (m 0.58 means .58 Millivolts which is less than 1 volt).

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Web Support: www.cdielelectronics.com • Tech Support: 1-866-423-4832 • Order Parts: 1-800-467-3371

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