



Installation and Troubleshooting Guide

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CDI P/N: 511-9766 Adjustable 8 Cyl. Spark Tester

NOTE: The 511-9766 8 cylinder tester is for use in checking spark to the spark plugs. It is not recommended for use in doing running engine tests.

For running engine tests please use CDI Electronics single cylinder spark tester: P/N 511-9764 (neon).

1. Connect the large spring clip to engine ground, making sure to have the clear side of the tester facing you.
2. For safety purposes, it is advisable to bolt the small black wire to a good engine ground.
3. Adjust the air gap on the threaded round headed screws in the tester to the desired gap. The recommended gap is normally between 1/4" and 3/8". **WARNING!!! DO NOT EXCEED 3/8" GAP IN EXPLOSIVE OR FLAMMABLE AREAS DUE TO THE POSSIBILITY OF ARCING BETWEEN SCREWS.**
4. Disconnect the spark plug wires from the spark plugs and connect them to the top of the round headed screws in the tester. If the wires are too short to connect them all to the tester, you can either test one bank at a time or use CDI extension wires. Extension wires are sold in sets of 4, P/N 511-9902 (7" for use with outboard motors), and P/N 511-9903 (24" for inboard and automotive use).
5. Crank the engine over and watch for firing on all cylinders.

WARNING!!! Prolonged usage of the tester can cause the starter motor to overheat. Allow sufficient time for the starter to cool off between tests.