

Testing the 2,000 Watt Inverter Ignition Coil

This bulletin covers all Champion Power Equipment 2,000 watt inverter models:

Note: Read instructions completely before performing service.

1. On the inverter's ignition coil, a simple test can be done by connecting a 12V battery to the two leads coming out of the ignition coil. They are blue (positive) and green/yellow (ground or negative.)
2. Hook the battery to each appropriate lead and then make and break the negative connection to force a discharge spark from the end of the plug wire as you hold the wire near the engine case (¼ inch air gap).
3. If you see a spark during each make break cycle, then the coil is okay, provided you see a nice bright blue/white spark. A yellow or orange spark is weak and the coil would need replacement. A weak spark will not ignite the compressed fuel.
4. If the spark test passes, then you will most likely need to replace the "Ignition Assembly". This is the module you can see on the front panel of the inverter with the three LED lights (green, red, and yellow).

If you have any questions, please contact Champion Power Equipment:

Champion Power Equipment, Inc.
12039 Smith Ave.
Santa Fe Springs, CA 90670
Phone: 1-877-338-0999

Email: tech@championpowerequipment.com