

AVR Voltage Adjustment

This bulletin covers the following Champion Power Equipment models:

196cc – 439cc Engine Powered Generators

Note: Read instructions completely before performing service.

1. On the end of the generator locate the round yellow cover held on by two 7mm bolts. Remove the two bolts and the yellow cover will come right off.
2. At approximately 7 o'clock you'll see a kidney shaped electrical component called the AVR, which is held on by two 7mm bolts. Remove the two bolts but do not disconnect the wiring and turn the AVR over so you can see the back side. You should see a round part coming off the AVR, this is the capacitor. You should also see a small rectangular box with a jewelers screw, this is your voltage adjustment screw.
3. With a flat head screw driver turn the jeweler's screw counter clockwise and this will lower the voltage. As the screw is turned back, watch the volt meter to see adjustment, the generator must be running to do this.
4. On 5,000 watt plus units, adjust the screw until the meter reads 250 volts. On smaller units, the voltage should read 120 volts.
5. If voltage does not decrease or does not hold a steady output, please contact Champion at 877-338-0999 for a new AVR.

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

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