

## REMAGNETIZING BRUSHED ROTOR IN “ROUND” GENERATOR HEAD

If there is a loss of residual magnetism (voltage will not build up), it may be necessary to re-excite the generator head. This procedure must be performed on a non-GFCI receptacle.

1. Use a DC power source (minimum 6V DC, maximum 24V DC) such as a 6V lantern battery or a 12V automotive battery.
2. Disconnect all loads from the generator.
3. Put a two wire jumper plug into one of the 120V AC outlets.
4. Plug a lamp or light into the generator before starting the engine. The light source will illuminate when voltage has returned.
5. Start the engine.
6. Attach one wire to the negative (-) battery post.
7. Touch the other wire very briefly to the positive (+) battery post. It is normal to see some sparking.
8. Remove as soon as voltage builds up. To measure voltage, use a plug-in voltmeter.
- 9.

Repeat these steps if no or minimal voltage is present. If the rated voltage does not return after re-excitation, one of the generator components is faulty and will need replaced.

