

PROCEDURE FOR “FLASHING THE FIELD” FOR WINPOWER ROTATING ARMATURE STYLE GENERATORS

- To “flash the field” disconnect the field coil leads F1 and F2 from the positive (+) and negative (-) terminals of the bridge rectifier and mark accordingly.
- The leads may be RED (+) positive and BLACK (-) negative on some models.
- You are flashing the SHUNT field coils.
- Use a 12VDC battery to energize the field coils.
- Maintain proper polarity between the field coil leads and the battery terminals
- F1 coil lead is connected to battery positive (+) and F2 coil lead is connected to battery negative (-).
- Apply 12VDC to the field coils for approximately 10 to 15 seconds.
- This should restore the magnetism in the field coils.
- Reconnect the coil leads to the bridge rectifier.
- Bring generator up to speed to see if the voltage is restored.
- If voltage does not build up momentarily apply 12VDC to the coil leads while the generator is at the proper speed. You will want to watch your voltmeter when flashing to see if it will build up.
- If these procedures do not work proceed to troubleshoot other components of the generator for faults.