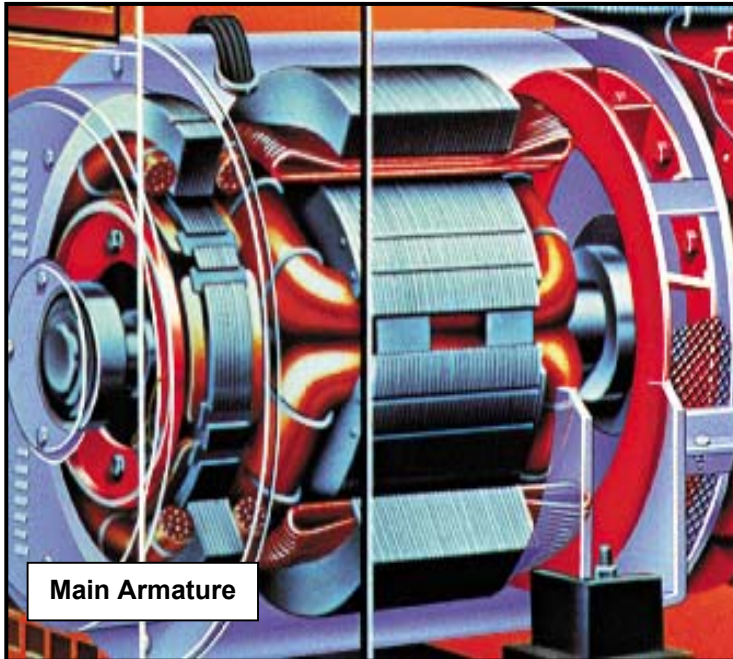




Technical Service Support Bulletin

Subject: Testing The Armature Windings
Product: Generators
Model(s): ALL MODELS
Serial #: All
Bulletin: 2002-07
Issue Date: FEB 2002
Revised Date:

Instructions:



Special Instructions:

The Armature of the MQ POWER generator is the stationary portion of the generator, also known as the Stator.

Should the Armature test faulty contact MQ POWER for instructions on rewinding the unit or purchase of a new armature.

MQ Power Technical Service Dept.

800-835-2551

1. Give a thorough visual inspection of the Armature (Stator) by looking for burned spots, discoloration, smoke damage, and/or damaged cabling.
2. Remove all of the cabling from the Voltage Selector Switch to include the U1 and W1 from the top of the Main Circuit Breaker and the neutral cables Y2 and X2 from the load terminals. **DO NOT** remove the following:

The large cable jumpers connected to the switch.

The metal jumpers connected to the switch.

The wire jumpers connected to the switch (block to block).

3. With of the cabling removed from the switch and the Main Circuit Breaker use a Multimeter set to the Ohms Resistance position and test for continuity across the following wire designations:

U1 to X1 = .000 Ω

U2 to X2 = .000 Ω

V1 to Y1 = .000 Ω

V2 to Y2 = .000 Ω

W1 to Z1 = .000 Ω

W2 to Z2 = .000 Ω

NOTE: If any of the windings test OPEN (no continuity) the Armature (Stator) should be replaced or re-wound by a **QUALIFIED** rewinder.

4. Should any of the above windings have continuity to ground the Armature (stator) should be replaced or re-wound by a **QUALIFIED** rewinder.

ALL ADJUSTMENTS MUST BE MADE BY A QUALIFIED ELECTRICAL TECHNICIAN. MQ POWER IS NOT RESPONSIBLE FOR ANY DAMAGES TO EQUIPMENT AND/OR COMPONENTS RESULTANT FROM UNQUALIFIED PERSONNEL.