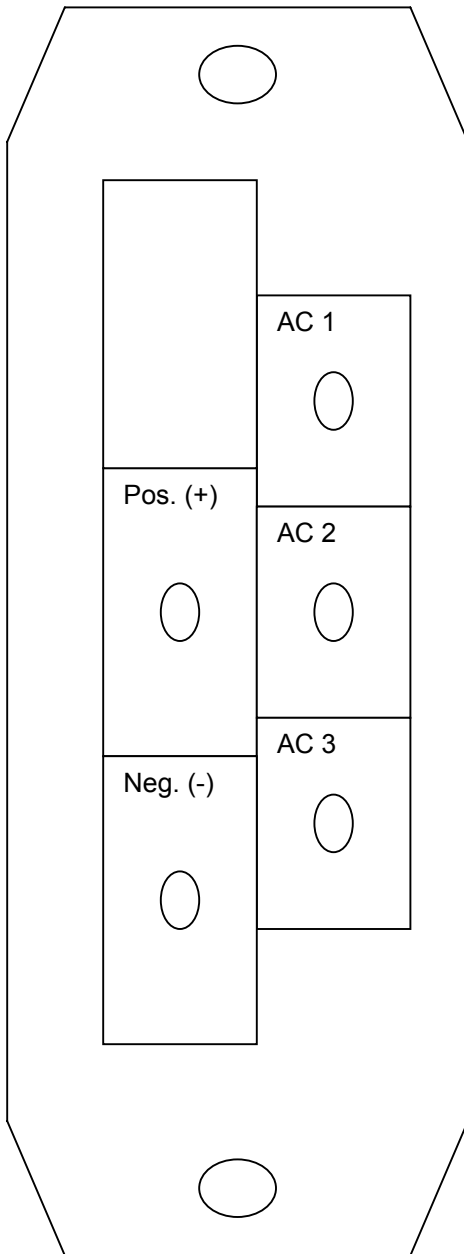




## Technical Service Support Bulletin



**Subject:** Testing The Rotating Rectifier  
**Product:** Generators  
**Model(s):** ALL MODELS  
**Serial #:** All  
**Bulletin:** 2002-09  
**Issue Date:** FEB 2002  
**Revised Date:**

### Instructions:

1. Give a thorough visual inspection of the Rotating Rectifier by ensuring that the connected wiring is in good condition and connected properly.
2. Remove the Rotating Rectifier from the rotor by disconnecting the attached wiring and removing the mounting screws.
3. Place the Rotating Rectifier on a bench
4. Using a Multimeter set to Ohms Resistance test the Rotating rectifier as follows:
  - A. Touch the Positive Lead of the Multimeter to the Positive Terminal of the Rectifier.
  - B. Touch the Negative Lead of the Multimeter to the terminals AC1, AC2, and AC3 terminals one at a time.
  - C. The above should cause the Multimeter to show a continuity reading.
  - D. Reverse the Multimeter Leads and repeat checks A and B.
  - E. This should cause the Multimeter to read Infinity.
  - F. Touch the Negative Lead of the Multimeter to the Negative Terminal of the Rectifier.
  - G. Touch the Positive Lead of the Multimeter to the AC1, AC2, and AC3 terminals one at a time.
  - H. The above should cause the Multimeter to show continuity.
  - I. Reverse the Multimeter Leads and repeat checks F and G.
  - J. This should cause the Multimeter to read infinity.
5. Should the Rotating Rectifier not pass any of the testing replace the component.

**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.**