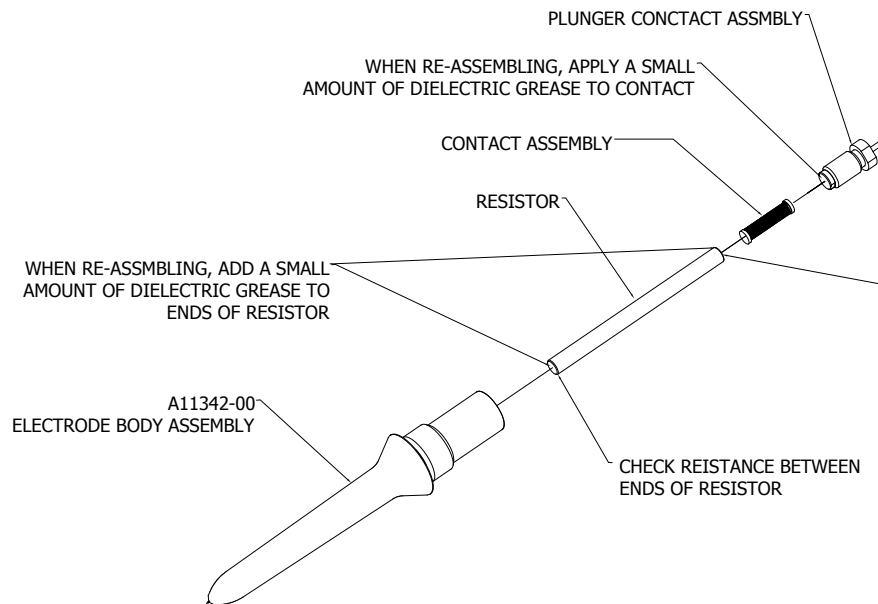

SERVICE INSTRUCTION

RMA-303 AND MMA-303 HIGH VOLTAGE ELECTRODE BODY INSTALLATION

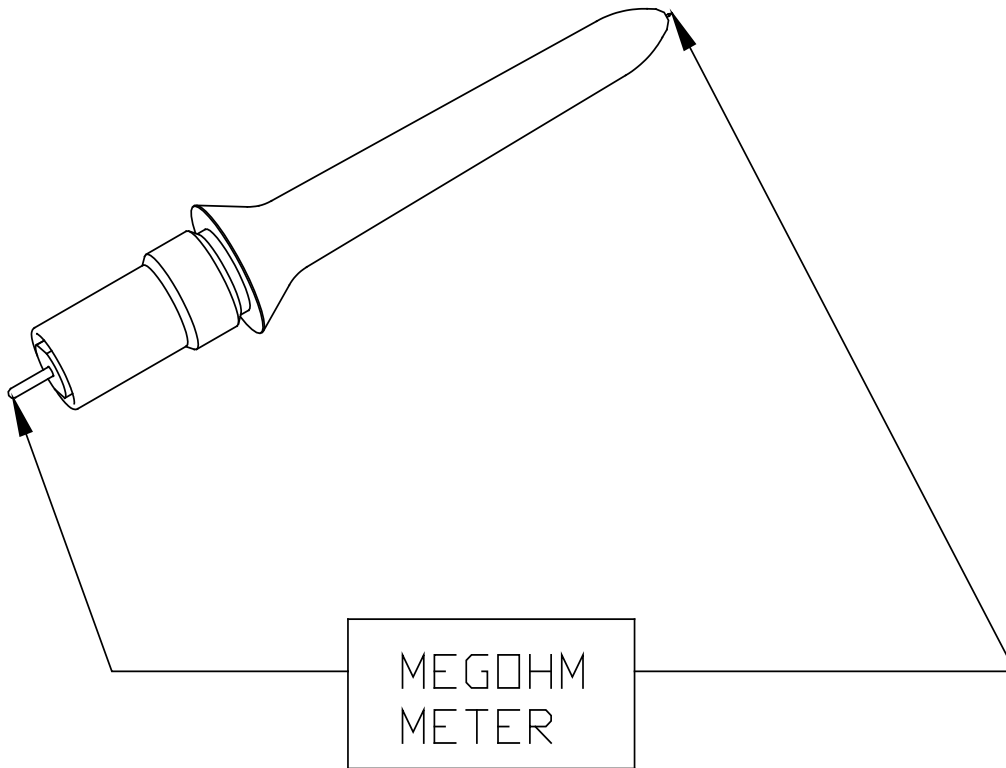
A11342-00 (Electrode Body Assembly) may be purchased separate from A11343-00 and A11343-01 (Electrode Assembly). Instructions to build the assembly are as follows:



1. Remove components from the old electrode assembly. Wipe all of the old dielectric grease off the resistor and spring contact ends. Wipe the resistor with Naphtha and dry. (Do not soak any of the components in solvent.)
2. Screw plug bodies (Item 3) into the spring (Item 2) at each end. Make sure spring coils are fully assembled onto plugs.
3. Apply dielectric grease (59972-00) to the resistor (Item 4) as noted. Place resistor into the electrode body (Item 1). Next, apply dielectric grease onto the spring sub-assembly made in the previous step, then place into the electrode body (Item 1) on top of the resistor. Screw the contact body (Item 5) into the electrode body. Tighten the contact body until seated into the electrode body. Finger-tighten is adequate. Do not over-tighten. Over-tightening may prevent the electrode assembly from properly seating into the high voltage ring assembly.

4. Using a Yokogawa meter, set to 1000V and Mego ohm scales. Clip one lead to contact pin and touch the other end to the wire protruding from the end of the electrode assembly. The reading on the digital display should read:

- a. A11343-00 - 152 and 168 MEG
- b. A11343-01 - 98 and 102 MEG



If the assembly fails the test, disassemble, visually inspect all mating surfaces, re-assemble and test again. If the electrode still fails, return components to Ransburg manufacturing.

Manufacturing
1910 North Wayne Street
Angola, Indiana 46703-9100
Telephone: 260/665-8800
Fax: 260/665-8516

Technical/Service Assistance
Telephone: 800/ 233-3366 Fax: 419/ 470-2071
www.ransburg.com

Technical Support Representative will direct you to the appropriate telephone number for ordering Spare Parts.