

Procedure to Replace the Fuses in a RM-17 Portable Meter Tester

Tools and Equipment Needed

- 1) RM-17 Portable Meter Tester Socket Adaptor
- 2) (3x) 1Amp, medium blow, 5x20mm Fuses
- 3) Electric or Battery Powered Driver
- 4) ¼" Hex Socket
- 5) 1/8" Hex Bit

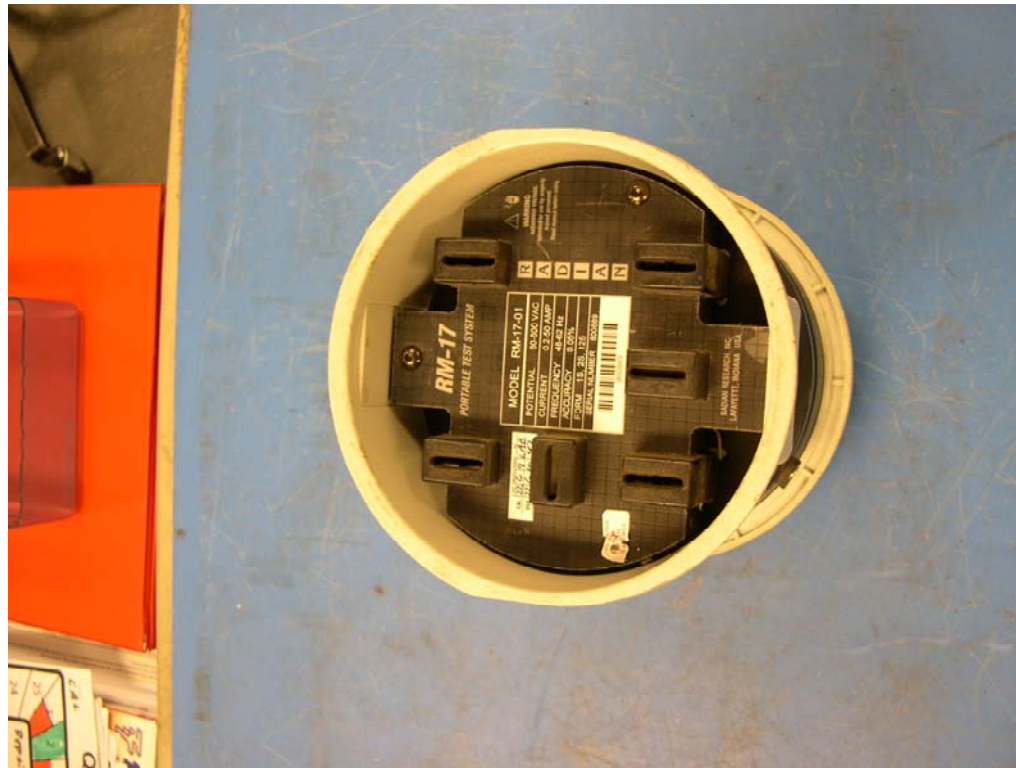
Any work with the RM-17 Portable Meter Tester, RM-17 accessories, energized standards and energized meters can present the danger of electrical shock. The RM-17 and its accessories should be operated by qualified personnel. The information provided in this instruction set is intended to serve as a guide for properly qualified electric utility personnel. This instruction set is not intended to replace existing electric utility safety procedures and those listed in the Handbook for Electricity Metering.

Radian Research, Inc. assumes no liability for failure to comply with existing applicable safety precautions as well as those listed in this warning statement.

Procedure

Note: The procedure to replace the internal fuses of the RM-17 require the calibration seal to be broken. Breaking this seal voids the calibration and warranty on the device.

1. Place the RM-17 Socket Adaptor on a suitable work surface. Ensure that the area is ESD protected and has appropriate lighting levels.



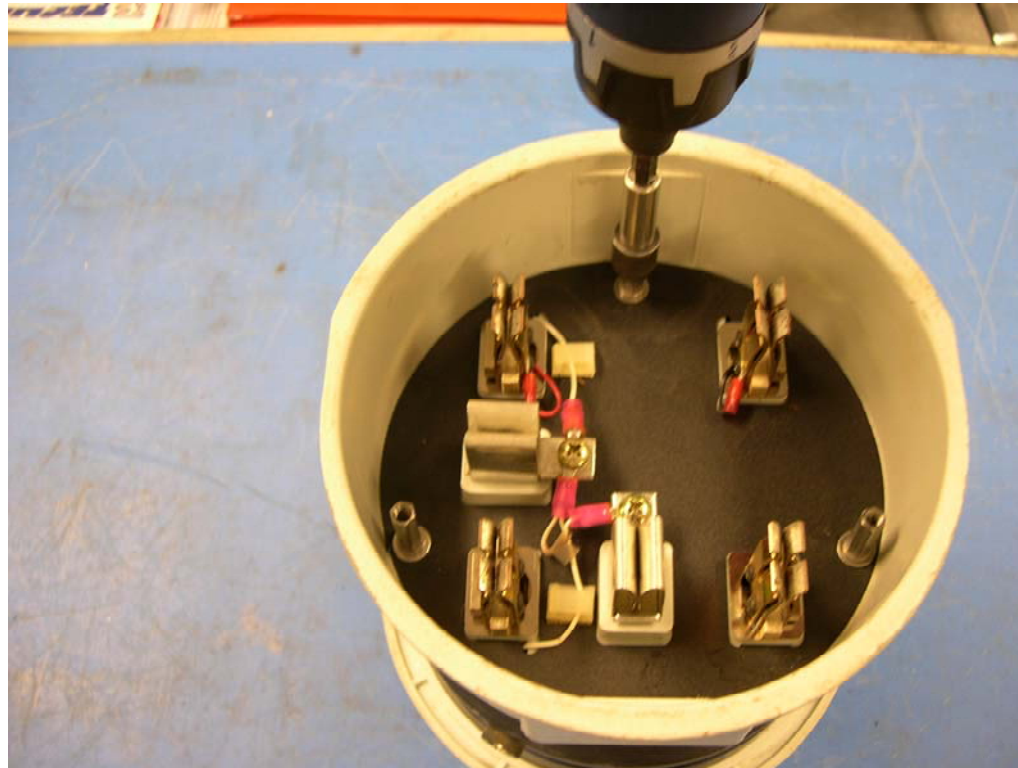
Procedure

2. Using a power driver and the 1/8" hex bit, remove the plastic faceplate by removing the three screws.



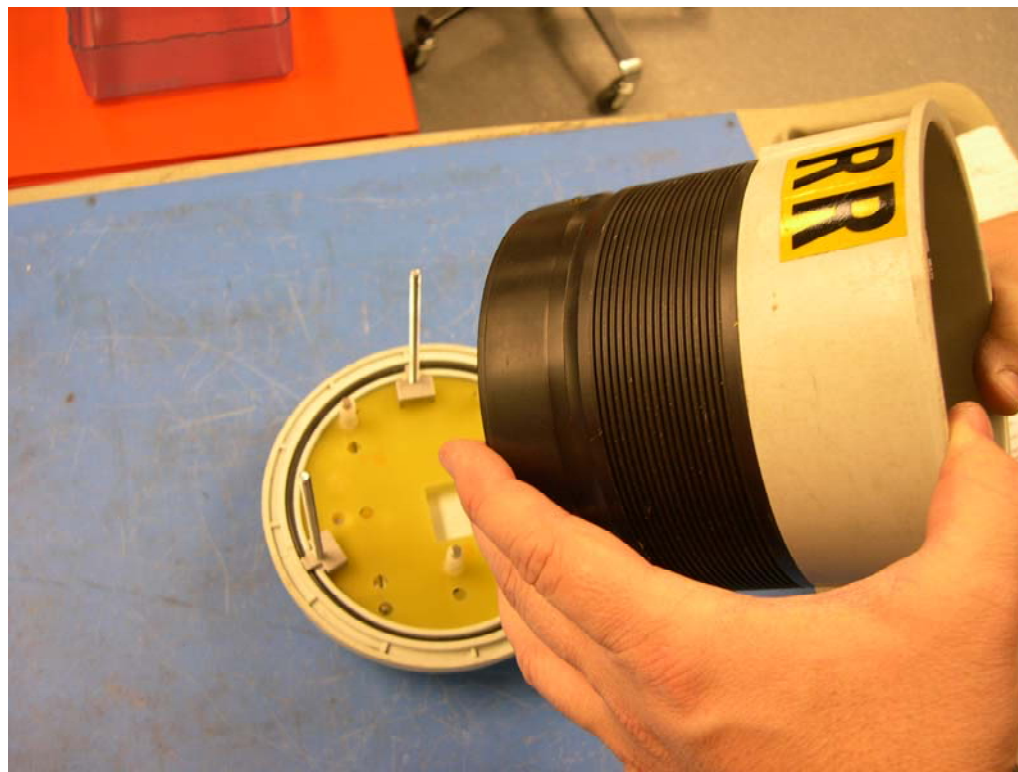
Procedure

3. Using the power driver and the ¼" hex socket, remove the three stand-offs, locking washers, and flat washers.



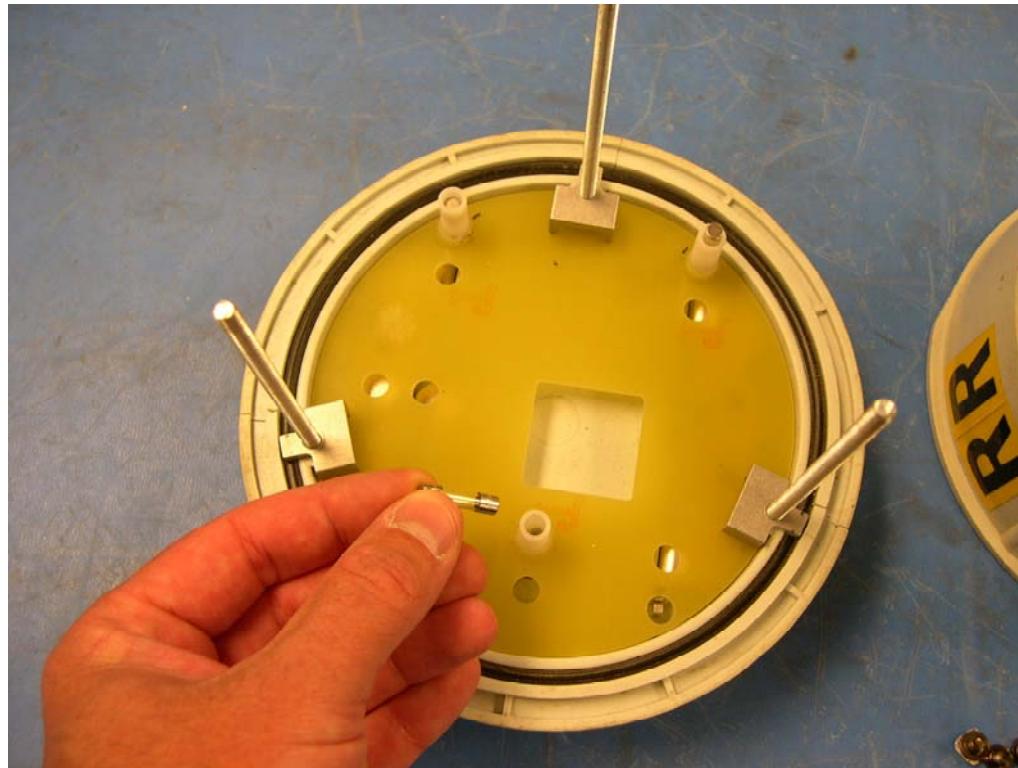
Procedure

4. Carefully remove the chassis from the socket base.



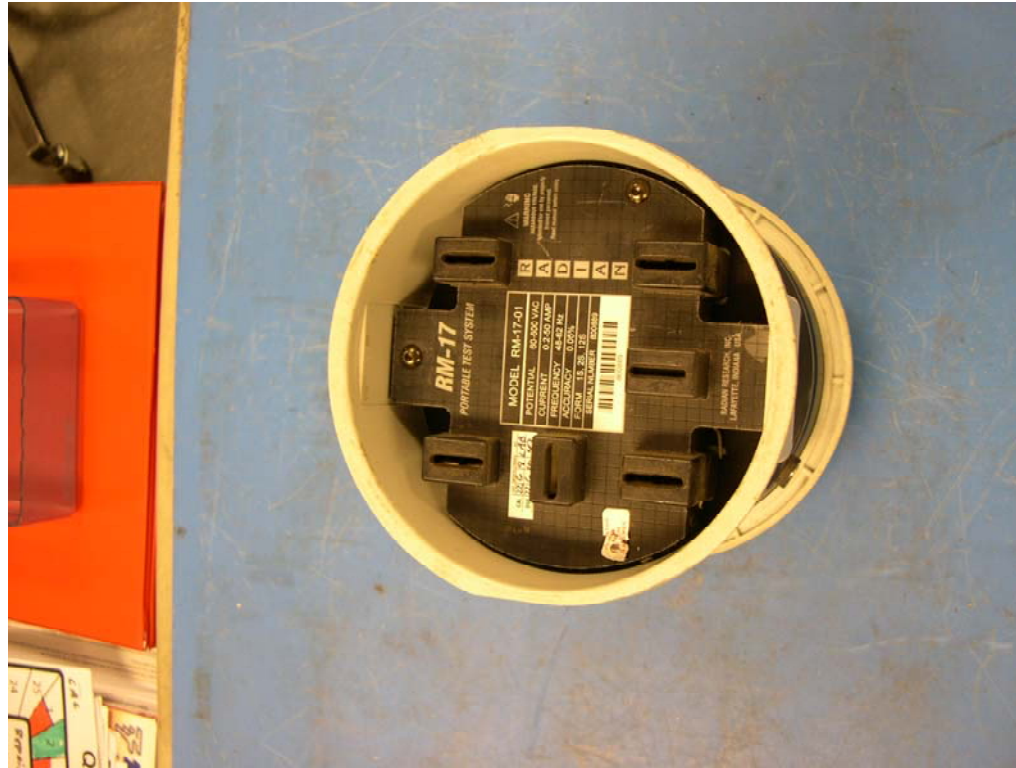
Procedure

5. Replace the internal fuses as necessary.



Procedure

5. Re-assemble the RM-17. Note: Do not apply excessive torque on the stand-offs, as this will tear the dust shield.



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