



Using Ohm Meter to Confirm Proper Igniter Installation

WARNING

Rural Energy Enterprises, Inc. does not accept liability for the improper use of this information. Installation, service, and maintenance of heating equipment should be performed by a qualified technician. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or loss of life.

To guarantee correct installation of the igniter, the groove on the igniter should be in the upward position.

1. Place the igniter in the burner assembly correctly and then test the part using an ohm meter.
2. Disconnect the G Molex (lead wire terminal) on the main circuit board and take an ohm reading off the back of the plug.

The range of the reading should be between 16 and 19 ohms at room temperature. When an igniter is reading resistance out of these parameters, it may appear to be hot. However, the igniter will not be warming up as fast as it is designed to.

Using an ohm meter to measure the igniter is the only approved technique to ensure the igniter is working within specified parameters.

