

Instruction Sheet

Follow these instructions to check continuity of the high voltage spark cable on fryers using the Fenwal No-Sense Ignition Module.

Subject: Testing High Voltage Spark Cable

Models affected: Tube Fryers using the Fenwal No-Sense Ignition Module

1. Disconnect and remove the touch screen controller to access the spark module (see Figure 1).

2. Attach an extended lead to the red meter probe (see Figure 2) to allow access to the flame spark rod.

3. Disconnect spark cable from the module and insert the black probe into the cable connector (see Figure 3).

4. Ensure the meter is set to Ohms (Ω) to test continuity of the spark cable (see Figure 4).

5. Insert the probe with the extended lead into the pilot sight hole (see Figure 5).

6. Ensure the probe is touching the spark rod (see Figure 6).

7. If the cable is good the meter should read between 1K-2K ohms, if not the cable needs replaced.

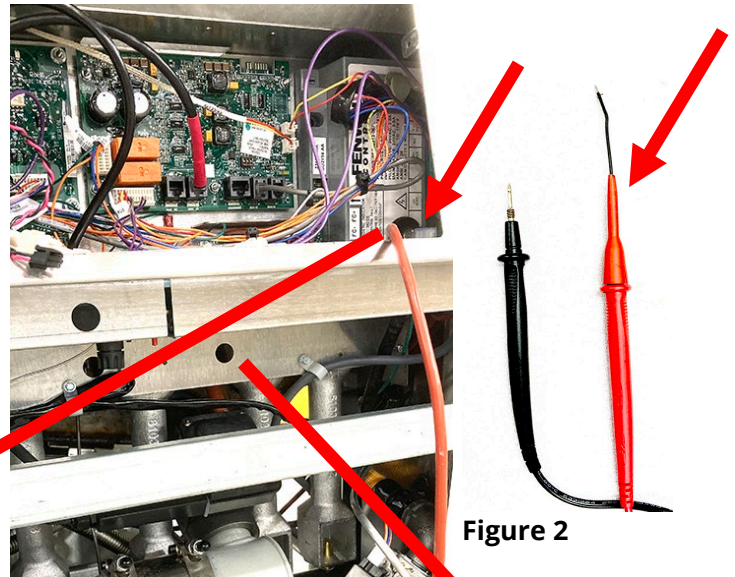


Figure 1

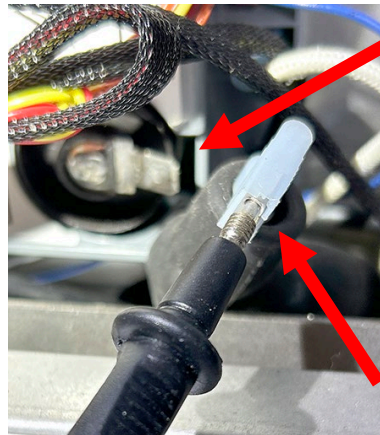


Figure 3



Figure 4

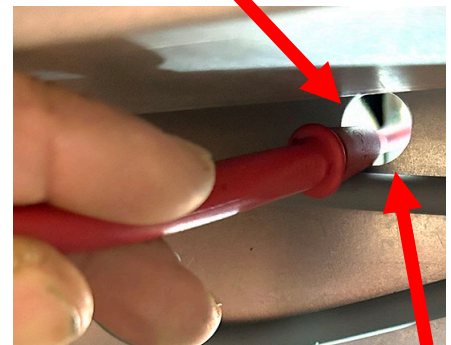


Figure 5

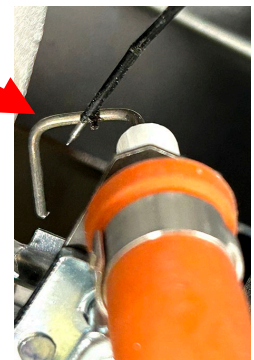


Figure 6