

Product Issue

There have been reports of ignition failures on Oval 80 heaters after installation and when first started. The heater will attempt ignition, and then lock-out, with the diagnostic light on the ignition control blinking three times.

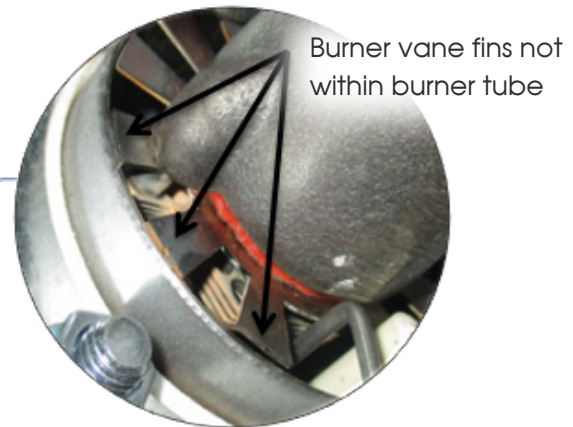
Cause

The ignition failure is due to the burner vane becoming dislodged from within the burner tube. This can happen during shipment, or if the burner vanes were bent or the burner dislodged during igniter replacement. The igniter then sparks to the burner casting, preventing ignition of gas.

See Fig. 1 and Fig. 2 for comparison of incorrect versus correct burner vane position.

Fig. 1

Incorrect:



Corrective Action

After installation and prior to initial start-up, ensure the burner vane is located within the burner tube. If the vane is located as shown in Fig. 1, reposition the burner so its vane is within the tube as shown in Fig. 2. Slight loosening of the burner tube mounting nuts may be required.

After repositioning, ensure the vane fins are not bent in either direction (all fins must be even) and the burner tube mounting nuts are tightened securely.

Fig. 2

Correct:

