

Troubleshooting Procedures



WARNING

To avoid risk of electrical shock, personal injury or death; disconnect power to oven before servicing, unless testing requires power.

Problem	Possible Cause	Correction
Burners will not ignite; no spark at surface burner.	Poor ground on burner cap Weak or failed spark module..... Low gas pressure	<ul style="list-style-type: none"> • Clean burner cap. • Replace spark module. • Verify pressure 5" WCP for natural, 10" WCP for LP.
Burner will not ignite. No spark to burner ignitors when burner knob is rotated to "LITE" position.	No 120 VAC to range Micro switch contacts not closing..... Faulty wiring. Bad connection at burner electrode and electrode socket Inoperative spark module Electrode dirty. Burner cap dirty Cracked or broken electrode, electrode wire or electrode socket	<ul style="list-style-type: none"> • Verify voltage at wall outlet. • Check wiring against appropriate wiring diagram, Verify all terminals and connections are correct and tight. Check micro switch contacts. • Check wiring against appropriate wiring diagram. Verify all terminals and connections are correct and tight. • Check module according to testing procedures information. • Clean electrode or burner cap. • Replace electrode.
No spark or only random spark at one ignitor.	Check for cracked ignitor or pinched ignitor wire Poor continuity to burner cap Bad ground connection or lack of continuity to ground or ignitor Cracked or broken ignitor extension lead....	<ul style="list-style-type: none"> • Replace ignitor lead or electrode. • Clean burner cap and lead. • Tighten ground connection and correct any breaks in ground path from ignitor path to unit ground path. • Replace ignitor lead.
Unit continues to spark after knob is turned to OFF position.	Shorted valve switch/harness..... Micro switch has slipped off the valve	<ul style="list-style-type: none"> • Replace switch/harness. If shorting is caused by excessive spillovers, customer education is advised. • Carefully reposition switch on valve and rotate from OFF to high, several times to verify switch is not broken.