

Model 100 Burner Assy.

Main Burner Does Not Light

(No Spark)

- 1) Remove rock/glass away from pilot area (Look for small pieces obstructing pilot)
- 2) If still no spark, confirm that you have 24vac out of Panel and at Burner (measure voltage on terminals 1, C)
- 3) If you have voltage going out to Burner, but no spark -Replace Control Module (Look for excess heat on module)
- 4) If you have no voltage out of Panel, check fuses F1 and F2 & GFI confirm 110v going into panel on terminals H, N
- 5) If you have 110 V on H, N and Fuses check OK, but still no 24 v output, replace transformer

Spark (No Pilot)

- 1) Remove rock/glass away from pilot area (Look for small pieces obstructing pilot)
- 2) Confirm if gas is coming out of pilot, you can hear it. (use BBQ Lighter to determine if gas is coming out of pilot)
- 3) If no pilot gas, check that gas is turned on.
- 4) Pilot orifice may be plugged. Replace orifice or complete pilot assembly
- 5) If still no gas, pilot valve may not be opening. Turn gas off and confirm if Pilot Solenoid is energizing
- 6) If not energizing-replace module if it is energizing-clean out Pilot Solenoid

Burner Goes ON/OFF

- 1) Is it going off because of wind? If so, how windy-slight breeze-gusty?? (If wind, rotate Burner Assy in bowl, or add 3.5" x 17" Wind Band)
- 2) Remove rock/glass away from pilot area (Does it get better?) How much glass? Thin down
- 3) Remove all Rock/Glass from Burner Assy. (Does Problem go away ?)
- 5) Is main flame adjusted to low? (If Burner is adjusted to low, pilot will be too small and unstable)
- 6) If burner shuts off after a 30-4min period and then goes off and does not come back on (Replace Control Module)

Pilot comes on but no main burner

- 1) Confirm that red handled ball valve underneath burner is open
- 2) If possible confirm that main gas solenoid is energizing, if not possibly replace Control Module)
- 3) Main Burner Solenoid may have to be replaced if buzzing

Main Burner or Pilot does not shutoff

- 1) Remove Solenoid Coil and clean inside of solenoid (looking for contaminants)