

<b><u>Model 100A Burner Assy.</u></b>	
<p><b>Main Burner Does Not Light</b> (No Spark)</p>	<ol style="list-style-type: none"> <li>1) Remove rock/glass away from pilot area (Look for small pieces obstructing pilot)</li> <li>2) If still no spark, confirm that you have 24vac out of Panel and at Burner (measure voltage on terminals 1, C)</li> <li>3) If you have voltage going out to Burner, but no spark -Replace Control Module (Look for excess signs of heat on module)</li> </ol> <p>If excess signs of heat, does installation meet proper specifications. (Required Diameter X Min. Height and venting)</p> <ol style="list-style-type: none"> <li>4) If you have no voltage out of Panel, check fuses F1 and F2 &amp; GFI confirm 110v going into panel on terminals H, N</li> <li>5) If you have 110 V on H, N and Fuses check OK, but still no 24 v output, replace transformer</li> </ol>
<p>Spark (No Pilot)</p>	<ol style="list-style-type: none"> <li>1) Remove rock/glass away from pilot area (Look for small pieces obstructing pilot)</li> <li>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)</li> <li>3) If no pilot gas, check that gas is turned on.</li> <li>4) Pilot orifice may be plugged. Replace orifice or complete pilot assembly</li> <li>5) If still no gas, pilot valve may not be opening. Turn gas off and confirm that Pilot Solenoid is energizing</li> <li>6) If not energizing-replace Control Module ,if it is still not energizing-replace or clean out Pilot Solenoid or solenoid coil</li> </ol>
<p>Burner goes ON/OFF</p>	<ol style="list-style-type: none"> <li>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)</li> <li>2) Remove rock/glass away from pilot area (Does it get better?) How much glass? Thin down</li> <li>3) Remove all Rock/Glass from Burner Assy. (Does Problem go away ?)</li> <li>5) Is main flame adjusted to low? (If Burner is adjusted to low, pilot will be to small and unstable)</li> <li>6) If burner shuts off after a 30-4min period and then goes off and does not come back on (Replace Control Module)</li> <li>7) Burner Insulation may be wet and producing steam that interferes with pilot signal. (Silicone underneath Pilot Area )</li> </ol>
<p>Pilot comes on but no main burner</p>	<ol style="list-style-type: none"> <li>1) If possible confirm that main gas solenoid is energizing, if not possibly replace Control Module)</li> <li>2) Main Burner Solenoid may have to be replaced if buzzing</li> </ol>
<p>Main Burner or Pilot does not shut off</p>	<ol style="list-style-type: none"> <li>1) Remove Solenoid Coil and clean debris inside of solenoid (looking for contaminants)</li> </ol>
<p>Main Burner Solenoid makes buzzing noise</p>	<ol style="list-style-type: none"> <li>1) Look for signs of excessive heat on coil. Is Fire Pit properly sized and vented. Replace Solenoid Coil.</li> </ol>

