Check for 22 to 27 vac at igniter plug on gas valve. (See Figure 2)

Is there 22 to 27 vac?

- Yes
  - Is the igniter glowing, and pilot established?
    - Yes
      - Check for proper pilot flame adjustment.
    - No
      - Check ohms reading on igniter. (See Figure 3)
        - Ohms reading should be between 3.5 & 10 ohms. If less than 3.5 it is shorted, if greater than 10 ohms then it is open. Replace igniter.
  - No
    - Change Gas Valve

- No
  - Change Gas Valve

Control Harness Connector Terminal Locations

Hot Surface Igniter Terminal Locations