

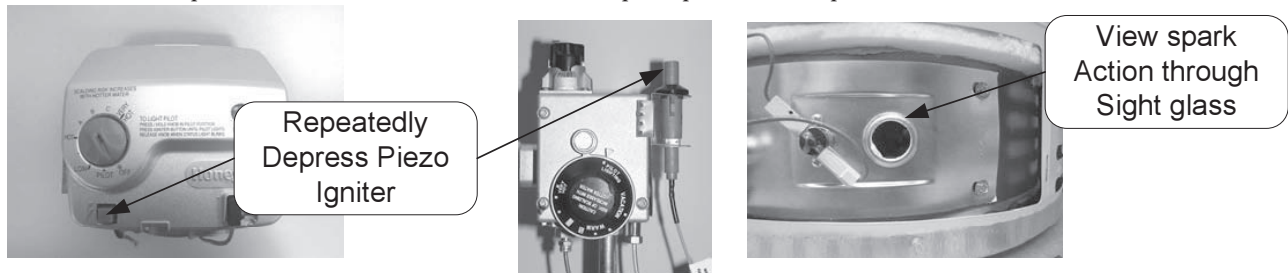


SERVICE PROCEDURE RG-IV
Piezo Igniter, Electrode Testing
and Replacement

PIEZO IGNITER, ELECTRODE TESTING AND REPLACEMENT

With the pilot not in operation (no pilot flame) you can check the Piezo and electrode circuit by viewing pilot thru the sight glass located on the inner door and observing the spark action.

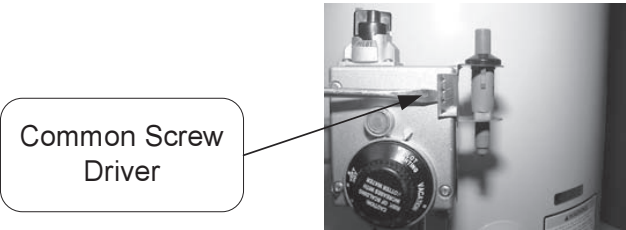
- Step 1. Remove outer jacket door.
- Step 2. Repeatedly depress the Piezo igniter while viewing the pilot thru the sight glass. If a spark is present, the circuit is OK. If there is no spark, proceed to step 3.



- Step 3 Remove orange (or white) wire from Piezo igniter and install a jumper wire in its place. Hold the other end of the jumper by the wire insulation or using an insulated tool, next to an unpainted surface such as the feedline or gas valve and depress the Piezo igniter. If there is a spark, the igniter is OK, the pilot is not functioning and must be replaced, see SERVICE PROCEDURE RG-III for pilot replacement. If no spark is present the igniter is not functioning and must be replaced.



- Step 4a. **For White Rodgers/Robertshaw gas valves:** With orange wire disconnected from piezo igniter. Using a common screw driver, place blade of screw driver under piezo bracket and gently pry bracket from front of gas valve and unhook bracket from rear of gas valve.



- Step 4b. **For Honeywell gas controls:** To replace igniter, see "Gas Control Disassembly/Reassembly" in SERVICE PROCEDURE RG-VI.