Gas Furnace #1: How to Find the Mercury Flame Sensor Attached to the Gas Valve

Removal Steps

1. Find the pilot light assembly.
2. Look for the mercury sensor probe and capillary tube.
3. Trace the capillary tube to the 3-prong male connector plugged directly to the gas valve.
4. To remove the mercury flame sensor, detach it from the pilot light assembly and unplug it from the gas valve.

Not all mercury flame sensors are attached to the gas valve. See Poster Gas Furnace #2.