

GAS RANGE TROUBLESHOOTING CHART

Problem	Possible Cause	Solution
No burners light	1. No gas.	1. Make sure gas valve is open. If open, call gas company.
	2. If range has electric ignition, no power.	2. Check power cord, plug, and outlet. Check for blown fuses or tripped circuit breakers at main entrance panel or at separate entrance panel; restore circuit.
One burner won't light	1. No gas to burner.	1. Test other burners; if they light, clean burner assembly.
	2. Pilot light out.	2. Relight pilot.
	3. Electric ignition faulty.	3. Call a professional.
	4. Defective gas valve.	4. Call gas company.
Pilot won't stay lit	1. Pilot light set too low.	1. Adjust pilot light.
	2. Gas feed tube blocked.	2. Clean feed tube.
Burners pop when lighted	1. Conduction tube misaligned.	1. Reposition conduction tubes on holding bracket.
	2. Pilot light set too low.	2. Adjust pilot light.
Light won't go on	1. Bulb burned out.	1. Replace bulb.
Oven won't heat	1. No gas to range.	1. Make sure gas valve is open. If open, call gas company.
	2. Defective gas valve.	2. Call gas company.
	3. Pilot light out.	3. Relight pilot.
	4. Pilot light set too low.	4. Adjust pilot light.
	5. Electric ignition system faulty.	5. Call a professional.
	6. Thermostat faulty.	6. Test thermostat; if faulty, replace. If thermostat inaccurate, recalibrate; if no result, call a professional.
	7. Timer faulty.	7. Clean timer terminals; set timer to "manual" and turn clock on control panel 24 hours ahead. If no result, call a professional.
Oven heat uneven	1. Door gasket faulty.	1. Make sure door is closed tightly and hinges operate smoothly; if gasket damaged, replace, or call a professional.
Burner won't simmer	1. Simmer nut needs adjustment.	1. Adjust simmer nut on burner.
Flame yellow	1. Not enough air in gas mixture.	1. Adjust air shutter.
Flame noisy	1. Too much air in gas mixture.	1. Adjust air shutter.
Flame too high	1. Too much air in gas mixture.	1. Adjust air shutter.
Soot forms on burner	1. Air shutter clogged.	1. Clean air shutter.
	2. Air shutter needs adjustment.	2. Adjust air shutter.