



MR. HEATER LITTLE BUDDY HEATER (MH4B)

PROBLEM	POSSIBLE CAUSE		SOLUTION
Piezo igniter does not produce spark	1	Spark electrode positioned wrong	Adjust spark gap and/or replace pilot assembly
	2	Spark electrode broken	Replace pilot assembly
	3	Piezo igniter defective	Replace control valve
Piezo igniter produces spark at the electrode, but no pilot ignition	1	No gas in propane tank	Check propane tank for fuel by shaking or replace with a new full tank
	2	Red On-button not pushed in far enough	Depress Red-On button completely
	3	Pilot tube is clogged	Clean pilot tube using q-tip with alcohol Run 2" to bottom of pilot tube & twist around Blow out with straw or 30 psi or less
	4	Regulator defective	Replace regulator
Pilot lights but flame goes out <i>immediately</i> when control knob is released	1	Control knob not depressed long enough	After pilot is lit, keep holding Red On-button for 30-60 seconds
	2	Pilot flame not touching thermocouple	Clean pilot tube using q-tip with alcohol Run 2" to bottom of pilot tube & twist around Blow out with straw or 30 psi or less
	3	Thermocouple connection loose at control valve	Hand tight until snug, then 1/4 turn with wrench
	4	Tip switch connections broken or disconnected	Clean electrical contacts at control valve. Reconnect tip switch wires
	5	On-button not depressed far enough	After pilot flame is lit and you hold the Red On-button for 20 to 30 seconds squeeze the Red On-button tightly before letting go
	6	Defective thermocouple	Replace pilot assembly
	7	Defective tip switch	Replace tip switch
	8	Defective control valve	Replace control valve



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PROBLEM	POSSIBLE CAUSE		SOLUTION
Pilot lights but flame goes out <i>gradually</i> when control knob is released	1	On-button not depressed long enough	After pilot is lit, keep holding Red On-button for 30-60 seconds
	2	Pilot flame not touching thermocouple	Clean pilot tube using q-tip with alcohol Run 2" to bottom of pilot tube & twist around Blow out with straw or 30 psi or less
	3	Thermocouple connection loose at control valve	Hand tight until snug, then 1/4 turn with wrench
	4	Inlet gas pressure too low	Check/replace with new full one pound propane tank
	5	Defective regulator	Replace regulator
Burner does not light after pilot is lit	1	Main burner orifice is blocked/clogged	Remove burner assembly, clean main burner orifice with clean cloth or q-tip with alcohol and blow out with straw or 30 psi or less
	2	Venturi tube is blocked	Remove burner assembly Blow out venturi tube on back of burner
	3	Defective ceramic plate	Replace ceramic burner
	4	Defective regulator	Replace regulator
Heater shuts off during operation	1	Not enough fresh air available	Provide ventilation per owner's manual
	2	Inlet gas pressure is too low	Check/replace propane one pound tank
	3	Pilot tube has become blocked/clogged	Clean pilot tube using q-tip with alcohol Run 2" to bottom of pilot tube & twist around Blow out with straw or 30 psi or less
	4	Tip switch has been activated due to bumping or moving	Level heater and re-light