



Patent Pending

Allison Burner Diagnostic Center

If burner fails to come on you must first listen to see if you can hear the burner motor/fan turning. If you can then you know you have power. With the trigger gun open to allow water to pass through follow these instructions.



Press BLUE button. If burner ignites replace either the flow switch (#1369) or the pressure switch (#1370 for 1/4" or #1371 for 3/8")
Still no ignition after pressing button? Move on to Green Button.



Press GREEN button. If burner ignites replace the thermostat (Dial type #1422 or Fixed 160° #C160-44 or Fixed 200° #C200-44)
Still no ignition after pressing button? Move on to Red Button.



Press RED button. If burner ignites replace the Hi-Limit Switch (#1107)

Still no ignition? Look at the fuel pump pressure gauge and make sure the pressure is up to 150 psi. If you do not see any pressure chances are that you have a bad fuel pump and/or solenoid. Replace with #1397 for 115 Volt or #1398 for 12 Volt)

Still no ignition? Using a Check-Mate ignition tester (#1947) check to see if the transformer/igniter is producing spark. If not replace transformer/igniter

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