



Service Bulletin

SF-021

DATE: February 27, 2008
TO: All Service and Parts Managers
SUBJECT: 0130F00006 Integrated Furnace Control Board

We have made a change to the control logic on 0130F00006 Integrated Furnace Control Board that is used on 80% and 90% AMH, GMH, GCH and GDH model furnaces.

If the furnace were to encounter a primary limit trip and the thermostat is calling for heat with blower set to continuous fan operation (Fan ON), the furnace may not restart the heating cycle unless the main power is re-set or call for the "G" signal is interrupted.

To prevent this potential lockout we had our supplier make a minor software change to the Integrated Furnace Control Board. The new Ignition Control part # is **Part # PCBBF109**.

NOTE: There are other possible reasons for a primary limit trip. A qualified service technician should verify the reason for the limit tripping. Possible reasons for a primary limit switch opening include:

- 1) Plugged or restricted air filter.
- 2) Improper gas pressure causing over firing of the furnace.
- 3) Improper sized or restricted ductwork.

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