TECHNICAL SERVICE BULLETIN

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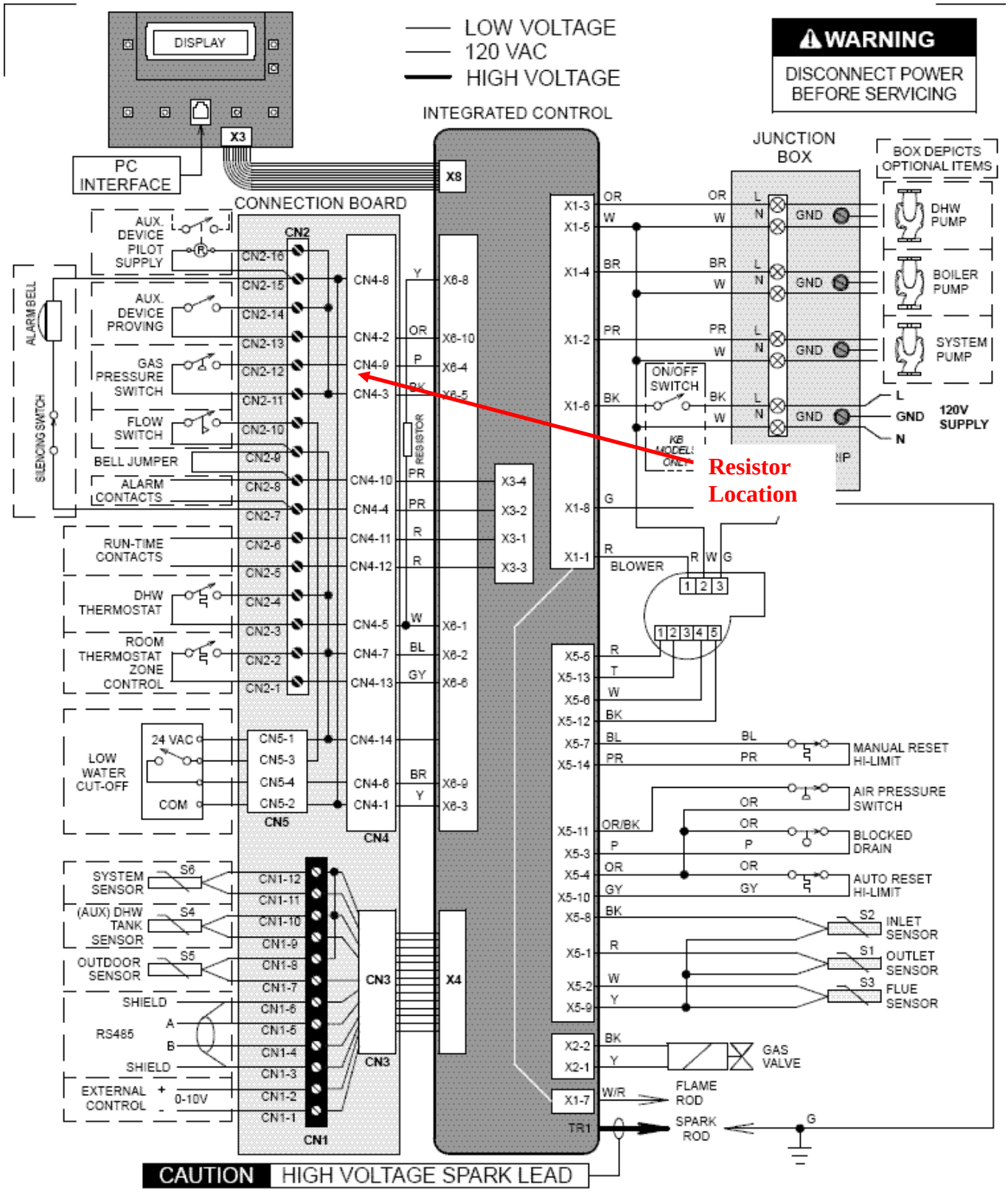
TO: Manufacturers' Representatives, District Sales Managers, Regional Managers, Technical & Customer Service Personnel, Service Agents, Sales & Marketing Personnel

SUBJECT: KBN Wiring Diagram Change

This technical service bulletin is to address the wiring diagram change to the Knight and Knight XL series boilers. On the low voltage board a resistor has been added to the board wiring to prevent the boiler from being run in DHW mode if a sensor has been improperly wired to the DHW thermostat connections. If a sensor had been mistakenly wired into the thermostat connections it would allow the heater to start up but would cause the system to constantly run and never shut down. On the floor models the resistor will be located underneath the control as where on the wall mount models the resistor will be located beside the heat exchanger bracket.

Please see the attachment for the updated wiring diagram.



Notes:

1. All wiring must be installed in accordance with: local, state, provincial and national code requirements per either N.E.C. in USA or C.S.A. in Canada.
2. If any original equipment wire as supplied with the appliance must be replaced, it must be replaced with wire having same wire gauge (AWG) and rated for a minimum of 105°C. Exceptions: Replacement high voltage spark lead and ribbon cables must be purchased from the factory. Use of a non-approved spark lead or ribbon cables can lead to operational problems which could result in non-repairable damage to the integrated controller or other components.
3. Actual connector block locations may vary from those shown on diagrams. Refer to actual components for proper connector block locations when using diagrams to troubleshoot unit.

WIRING DIAGRAM
LBL7082 REV E