LENNOX®
INSTALLATION INSTRUCTIONS

GAS KITS & ACCESSORIES

Technical Publications
Litho U.S.A.

503,601M
1/97

IGNITION WIRE REPLACEMENT KIT

INSTALLATION INSTRUCTIONS FOR IGNITION WIRE REPLACEMENT KIT (76K20) USED WITH UNITS EQUIPPED WITH AN EGC BOARD

SHIPPING AND PACKING LIST

Package 1 of 1 contains:

1– Replacement ignition wire assembly
1– Installation instruction

APPLICATION

Ignition wire replacement kit (76K20) provides a replacement ignition wire for units equipped with either quick-connect or pin terminals on the EGC ignition control.

INSTALLATION

ELECTROSTATIC DISCHARGE (ESD)
Precautions and Procedures

⚠ CAUTION

Electrostatic discharge can affect electronic components. Take precautions during service to protect the furnace's electronic controls. Precautions will help to avoid control exposure to electrostatic discharge by putting the furnace, the control and the technician at the same electrostatic potential. Neutralize electrostatic charge by touching hand and all tools on an unpainted unit surface, such as the gas valve or blower deck, before performing any service procedure.

1 – Set thermostat to lowest setting. Shut off gas supply and disconnect electrical power to unit.
2 – Remove both upper and lower access panels.
3 – Locate EGC integrated ignition/blower control in unit control box. Determine whether EGC control is equipped with a pin or 1/4" spade spark terminal.
4 – If EGC control has a pin terminal for the spark signal, continue with step 5. If a 1/4" spade terminal is present, cut protective sleeve away from replacement wire assembly and gently separate wires at quick connect.
5 – Remove and discard existing ignition wire running from spark electrode assembly to the EGC control.
6 – Connect replacement wire assembly to 1/4" spade terminal on electrode assembly. Route wire through cabinet and into control box. Make connection to EGC control by placing barbed fitting onto pin or quick connect terminal onto the 1/4" spade.
NOTE – To maximize spark to electrode, avoid contact between high voltage ignition wire and cabinet as much as possible.
7 – Replace unit access panels. Restore gas and electrical supplies to unit. Return unit to operation.