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Supersedes 504,939M

**Integrated Control
Replacement Kit**

INSTALLATION INSTRUCTIONS FOR INTEGRATED CONTROL REPLACEMENT KIT (81W03) USED WITH G40DF, G40UH, G43UF, ML180UH, ML193UH, ML193DF, ML195UH & ML195DF UNITS

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional installer (or equivalent), service agency or the gas supplier.

Shipping & Packing List

Package 1 of 1 contains:

Ignition control board - 100973-02

Application

Use replacement integrated control kit 81W03 with G40DF, G40UH, G43UF, ML180UH, ML193UH, ML193DF, ML195UH and ML195DF units when necessary. This control is designed for use with a 95V igniter (75M2101 or 100536-01) only. Do not install this integrated control in a furnace that is equipped with an 80V or 120V igniter.

Installation

⚠ WARNING

Replace existing control with exact model.
Protect the control from direct contact with water. If the control has been in direct contact with water, replace the control.
WHEN SERVICING CONTROLS, label all wires prior to disconnecting. Wiring errors can cause improper and dangerous operation.
VERIFY proper operation after servicing.

⚠ WARNING

Disconnect power before servicing unit.
Shut off main gas supplies to appliance until installation is complete.

**ELECTROSTATIC DISCHARGE (ESD)
Precautions and Procedures**

⚠ CAUTION



Electrostatic discharge can affect electronic components. Take precautions to neutralize electrostatic charge by touching your hand and tools to metal prior to handling the control.

1. Turn off electrical and gas supplies to the furnace.
2. Remove the access panel and the control box cover.
3. Label the wires before disconnecting.
4. Disconnect the wires from the existing control.
5. Remove the control from the panel.
6. Position the replacement control over the mounting holes, and snap the control into place.
7. Reconnect the marked wires onto the replacement control.

⚠ WARNING

Ensure proper earth grounding of appliance.
Ensure proper connection of line neutral and line hot wires.

8. Restore electrical and gas supplies to the furnace. Refer to the furnace unit installation instructions for start-up and check-out procedures.



