



© 2005 Lennox Industries Inc.  
Dallas, Texas, USA

## GAS KITS & ACCESSORIES

TP Technical  
Publications  
Litho U.S.A.

504,977M  
03/2005

# BLOWER MOTOR REPLACEMENT KIT

## INSTALLATION INSTRUCTIONS BLOWER MOTOR REPLACEMENT KIT (73M84) USED WITH LENNOX GAS FURNACES EQUIPPED WITH 1/2 HORSEPOWER MOTOR 18M2701

### Shipping & Packing List

Package 1 of 1 contains the following:

- 1 - 1/2 horsepower motor with cushion rings
- 3 - Motor mounting brackets
- 1 - Bag assembly which contains
  - 3 - 1/4 - 20 X 3/4 screws
  - 3 - Spot nuts
  - 6 - #10-32 X 1/2" screws
  - 6 - Lock nuts

### Shipping Damage

Check equipment for shipping damage. If damage is found, immediately contact last carrier.

### Application

Blower motor kit (73M84) may be used with Lennox gas furnaces equipped with 1/2 horsepower motor 18M2701 when replacement is necessary.

### Installation

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

### ⚠ CAUTION

Electrostatic discharge can affect electronic components. Take precautions during furnace installation and 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.

### ⚠ 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 qualified installer or service agency.

### ⚠ CAUTION

As with any mechanical equipment, personal injury can result from contact with sharp sheet metal edges. Be careful when you handle this equipment.

- 1 - Turn off electrical and gas supplies to the furnace.
- 2 - Remove the blower access panel.
- 3 - Remove the unit control box.
- 4 - **Downflow models only** -- Remove the screws which secure the internal flue pipe and flue chase. Remove internal flue pipe and chase, along with existing gaskets. Discard existing gaskets.
- 5 - Identify secondary limit wires, if applicable, and disconnect wires from wiring harness.
- 6 - Disconnect blower motor wires from integrated control board.
- 7 - Remove bolts which secure blower housing to cabinet.
- 8 - Slide existing blower assembly out of the front of the furnace.
- 9 - Remove the existing blower motor.
- 10 - Install the provided motor mounting brackets on the replacement motor.
- 11 - Position the replacement motor on the blower assembly. The blower motor must be properly centered in the scroll before continuing. See figure 1 for proper motor orientation.
- 12 - Use the mounting brackets as a guide to drill 5/16" diameter holes in the side of the scroll.
- 13 - Secure the motor to the scroll using the provided three 1/4 -20 X 3/4" screws and spot nuts.
- 14 - Center the blower wheel and tighten the set screw.
- 15 - Slide the blower assembly back into the furnace.
- 16 - Install bolts which secure the blower housing to the cabinet.
- 17 - Connect blower motor wires to the integrated control board.
- 18 - Properly reconnect secondary limit wires, if applicable.



19 - **Downflow models only** -- Replace gaskets and re-install the existing internal flue pipe and flue chase.

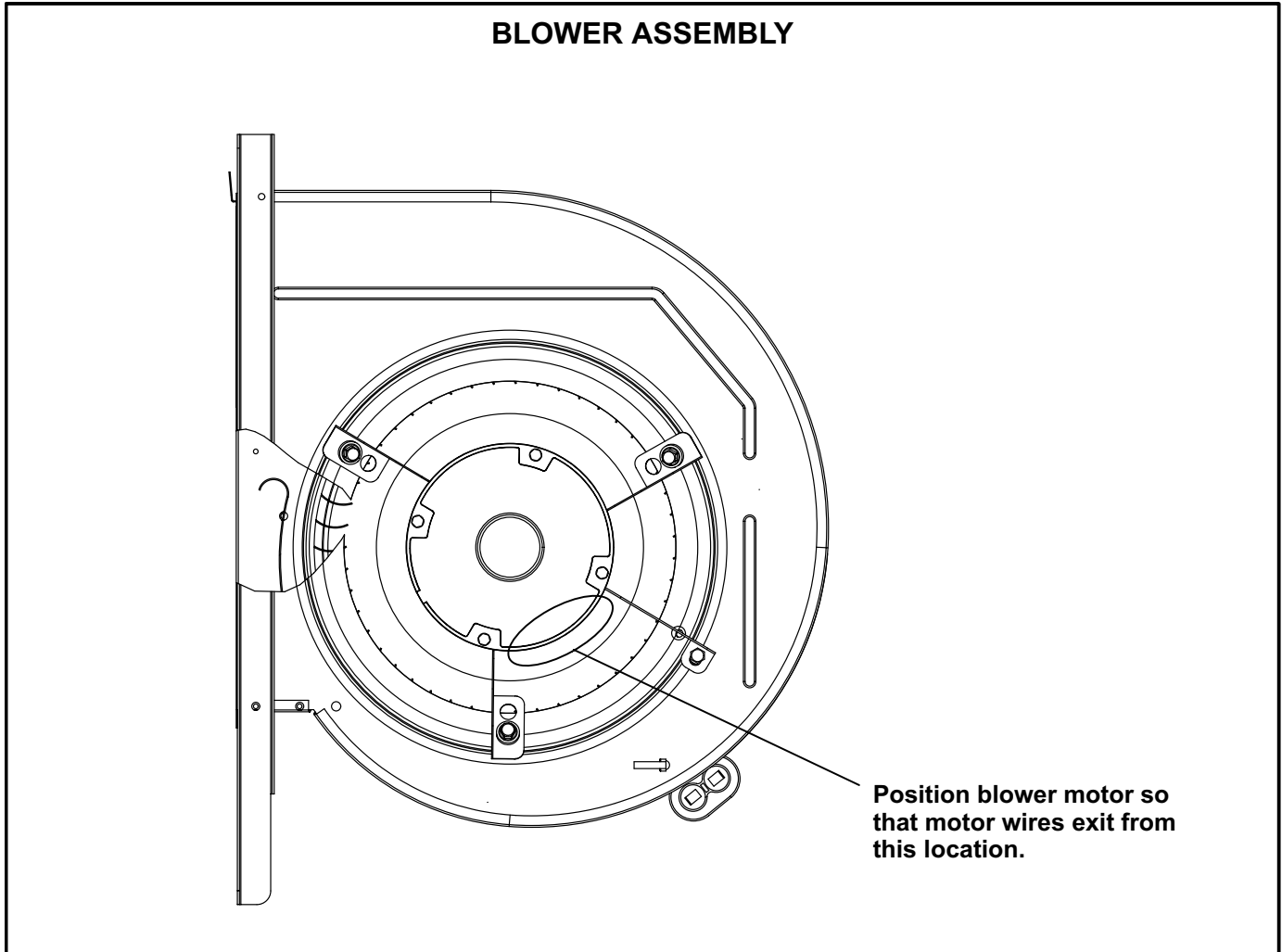
*NOTE - Replacement gasket kit (27M78) must be used. Gasket kit is ordered separately.*

20 - Re-install unit control box

21 - Replace blower access panel

22 - Restore electrical and gas supplies to the furnace.

23 - Reinstall cabinet screws on front flange at blower deck.



**FIGURE 1**