

**INSTALLATION INSTRUCTIONS FOR BLOWER MOTOR REPLACEMENT  
USED WITH LGH/LCH036-060 UNITS**

**Shipping and Packing List**

Package 1 of 1 contains:

- 1- Blower Motor (B3)

**Application**

This instruction is used when a blower motor equipped with an external overload is replaced with a blower motor equipped with an internal overload.

*IMPORTANT - Do not use these instructions when replacing a blower motor equipped with internal overloads.*

Existing Motor (external overload)	Replacement Motor (internal overload)
102149-01	103209-01
102149-02	103209-02
102149-03	103209-03
102149-04	103209-04
102149-05	103209-05
102149-06	103209-06
102149-07	103209-07
102149-08	103209-08
102149-09	103209-09

**⚠ 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, service agency or the gas supplier

**⚠ CAUTION**

Danger of sharp metallic edges. Can cause injury. Take care when servicing unit to avoid accidental contact with sharp edges.

**Installation**

**⚠ WARNING**

**Electric shock hazard. Can cause injury or death. Before attempting to perform any service or maintenance, turn the electrical power to unit OFF at disconnect switch(es). Unit may have multiple power supplies.**



- 1- Disconnect all electrical power to unit. Open blower access and control box panels.
  - 2- Open wire make-up box on blower motor and disconnect all six wires from motor leads. See figure 1.
- Note - Do not remove power wiring to blower motor.*
- 3- Remove motor from unit and remove pulley from motor.
  - 4- Install pulley on the replacement motor and install replacement motor in unit.
  - 5- Connect wires from replacement motor to the six wires remaining in the unit. Secure with wire nuts. See figure 1.
  - 6- Bundle wire nuts in the blower motor make-up box and secure make-up box cover.
  - 7- In main control panel section, disconnect and discard wires between S135 and K37-1. Disconnect and discard wires between S47 and K3-1. See figure 2.

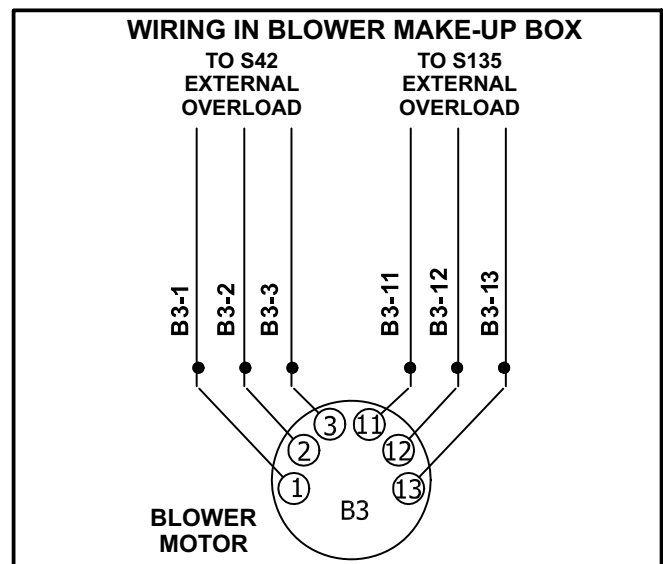


FIGURE 1



- 8- Disconnect wires routed to the top of S135 and S42, install 1/4" quick connect terminals to the leads and connect to K37-1 and K3-1 respectively. Check the marking on the lead to make sure it goes to the appropriate L1, L2, or L3 terminals. See figure 3.
- 9- Disconnect wires to terminal 95 and 96 on S135; connect wires together with a wire nut. Disconnect wires to terminal 95 and 96 on S42; connect wires together with a wire nut. This will prevent a service notification from being initiated by the Unit Controller.
- 10- Remove S135 and S42 overloads.
- 11- Restore power to unit. Operate blower in high speed and check amp draw. Make sure it is below the motor nameplate rating. Adjust sheave as needed. Keep these instructions with the unit for future reference.

