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10/2026
Supersedes 1/2025

DISCONNECT SWITCH KIT

INSTALLATION INSTRUCTIONS FOR DISCONNECT SWITCH KIT (603382-01 & 02; 54W56 & 54W57) USED ON LG/LC/LH/LD/KG/KC/KD/KH SERIES 078-152 UNITS

Shipping and Packing List

54W56 (80A)

Package 1 of 1 contains:

1- Disconnect switch (S48)

1- Mounting plate

1- Plastic disconnect cover

1- DIN rail

3- Wires

1- Bag assembly containing: 6-#8-32 X 1/2 Screws

2- Labels (S48, L123)

2-Terminal covers

54W57 (150A)

Package 1 of 1 contains:

1- Disconnect switch (S48)

3- Wires

1- Plastic disconnect cover

1- Bag assembly containing:

2- Labels (S48, L123)

Ordered and Shipped Separately:

An additional sheet metal cover kit must be installed on units built before April 2019. Contact customer service to order the appropriate kit. See table 1.

TABLE 1

Unit	Kit
Gas Heat with CAV Blower	14Y50
All Other Units	14Y51

⚠ WARNING

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

Application

The Disconnect Switch Kit is used on LG/LC/LH/LD/KG/KC/KD/KH 078 through 152 units. Disconnect size depends on unit voltage, blower motor horsepower, and electric heat. Refer to product specifications to determine which size disconnect to use with each unit.

Installation

1 - Disconnect all power to unit.

2 - Locate the disconnect cover on the unit mullion near the compressor section. Remove screws securing the disconnect cover; retain cover and screws.

3 - Remove TB2 terminal block from make-up box. Re-install the TB2 terminal block ONLY when the unit contains electric heat and uses an 80 amp disconnect.

4 - 80A Disconnects -

Install mounting plate and DIN rail in wiring make-up box as shown in figure 1. Secure with #8 screws. Snap disconnect switch onto DIN rail. Reinstall TB2 on mounting plate above disconnect switch when unit contains electric heat.

For LCX/LHX 092-150 units, do not reinstall the TB2 from the make-up box. Instead, use the TB2 terminal block provided in the electric heat kit.

150A Disconnects -

Install disconnect in make-up box and secure with four #8 screws provided with disconnect. See figure 2. When hex nuts are not provided in unit, use field-provided nuts to secure screws in place.

⚠ CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal in jury. Take care while handling this equipment and wear gloves and protective clothing.

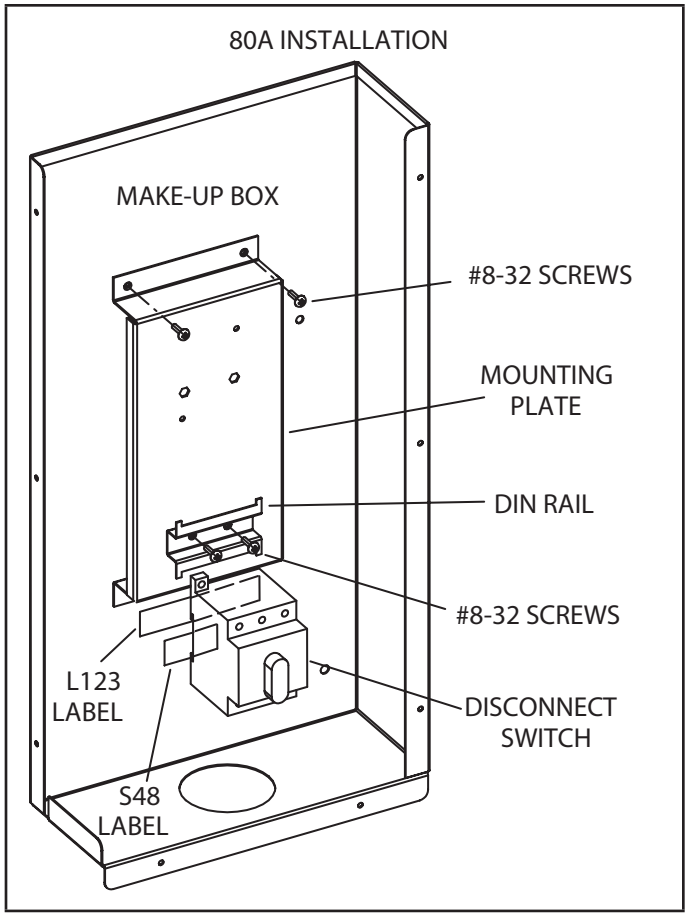


FIGURE 1

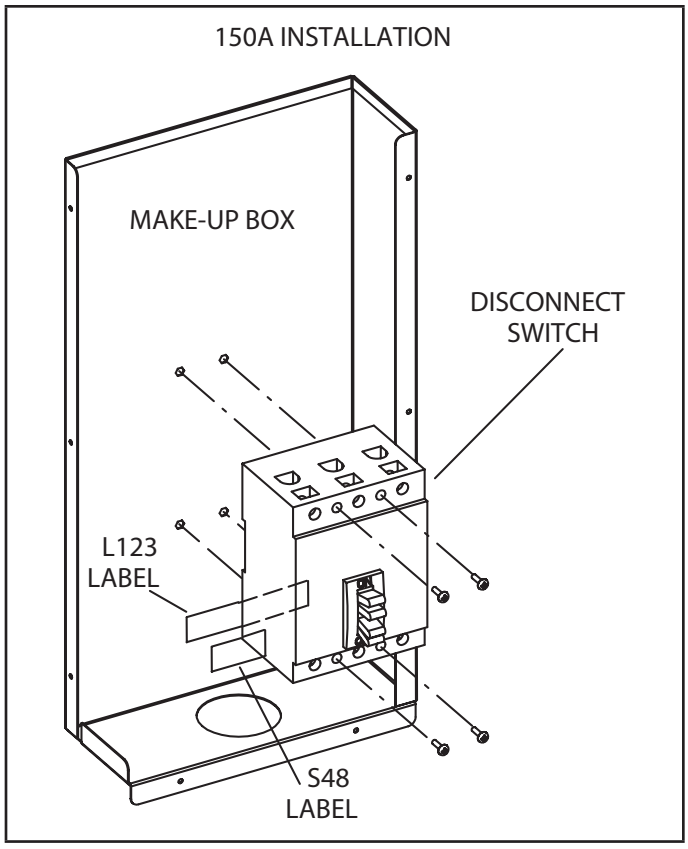


FIGURE 2

5 - Remove and retain the #6 screws securing the weatherproof cover installed on the disconnect box cover. See figure 3. Install the plastic disconnect cover in the same place using the #6 retained screws. See figure 4.

6 - Affix labels to makeup box; refer to appropriate figure 1 or 2.

7 - Install the disconnect box cover over the make-up box opening.

NOTE - *Disconnects provided in this kit are bi-directional; disregard line and load side nomenclature on 80 amp disconnects.*

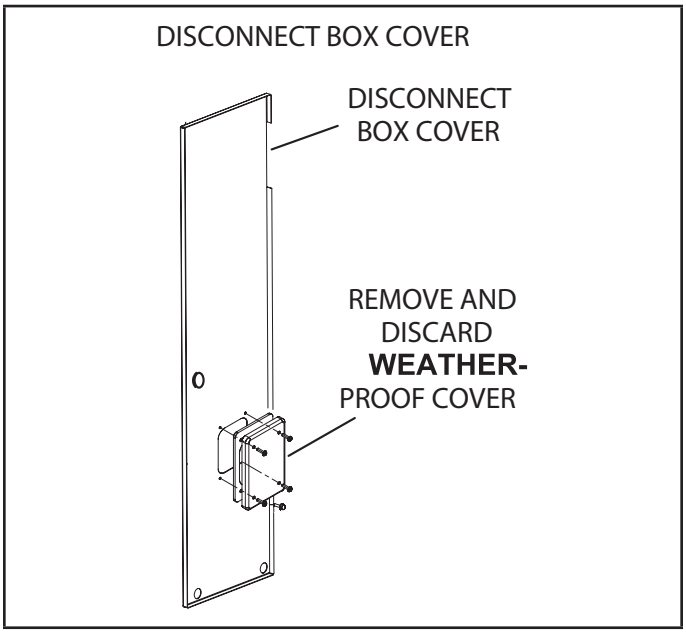


FIGURE 3

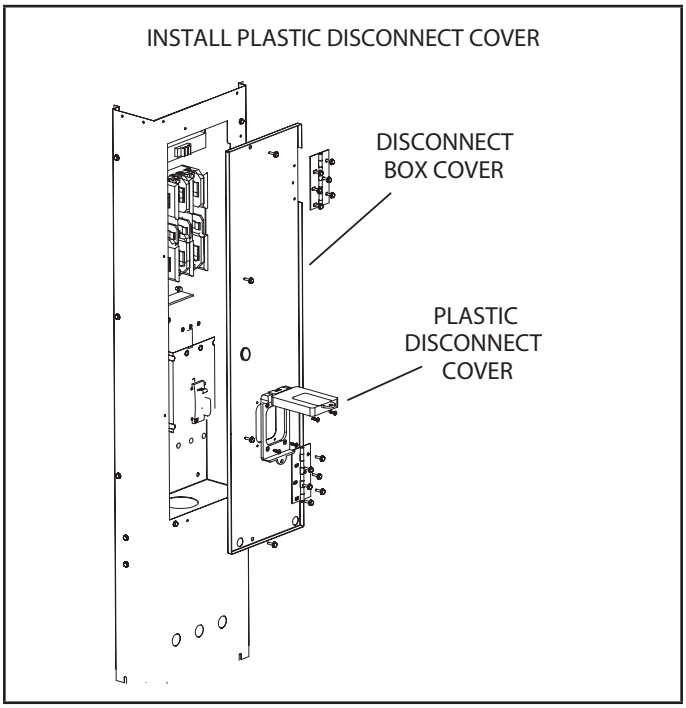


FIGURE 4

Wiring

Make wiring connections as follows and as shown on unit diagram. Refer to local codes.

Use the following figures to make wiring connections.

80A Disconnects

Install plastic terminal covers on the disconnect switch after wiring connections are completed.

Unit	Disconnect	Figure
No Electric Heat	Any	FIGURE 5 & FIGURE 6
Electric Heat Installed	80 Amp	FIGURE 7
Electric Heat Installed	150 Amp	FIGURE 8

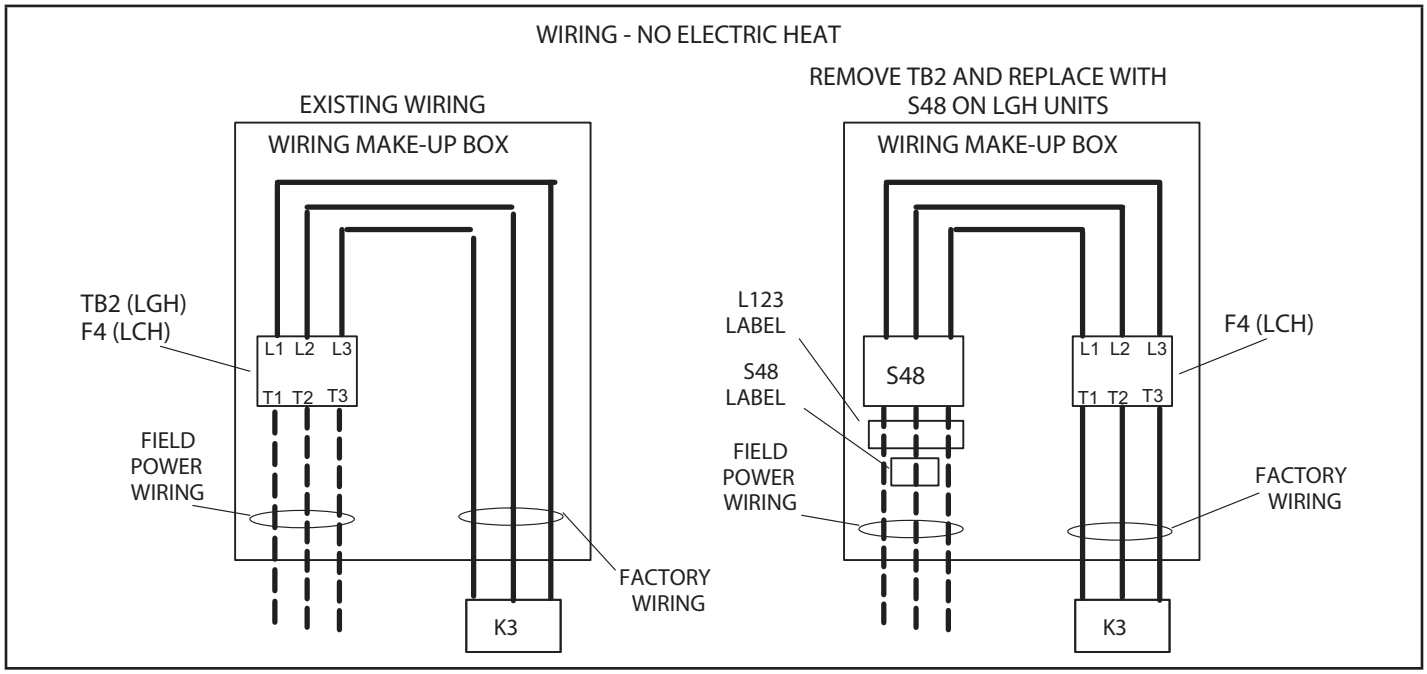


FIGURE 5

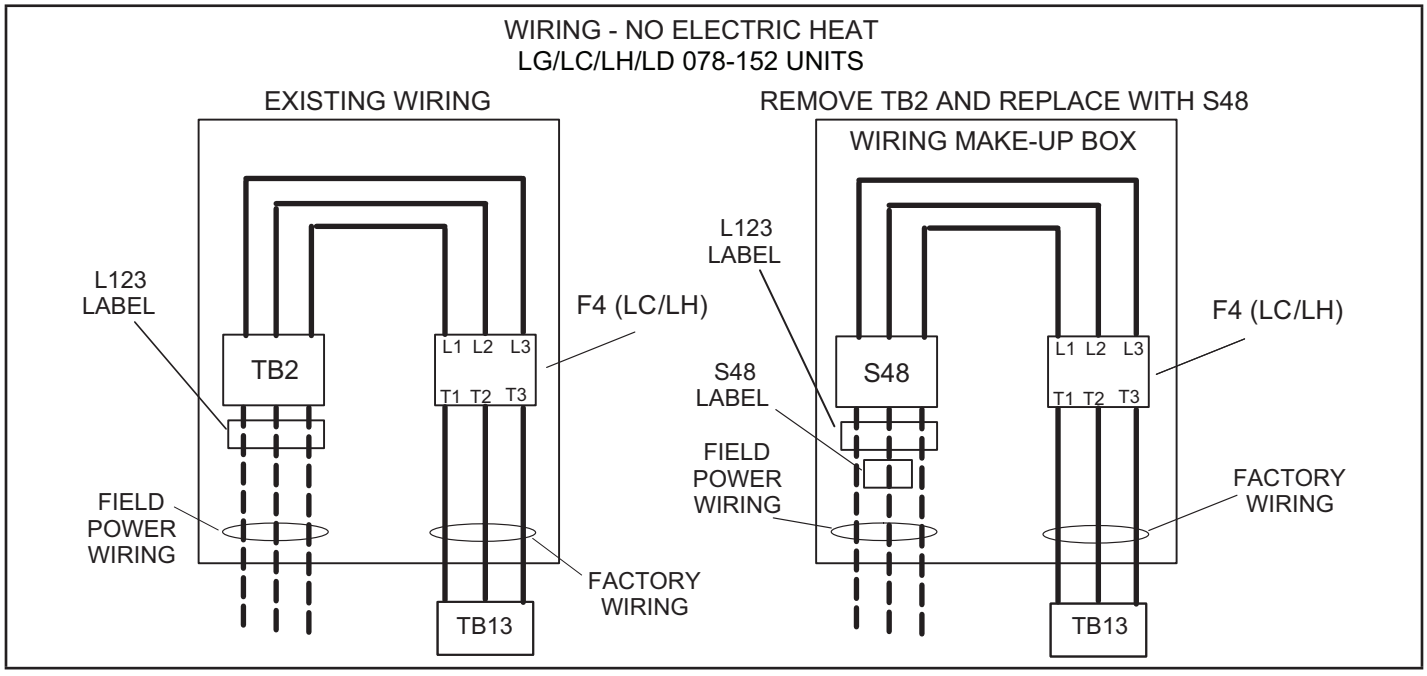


FIGURE 6

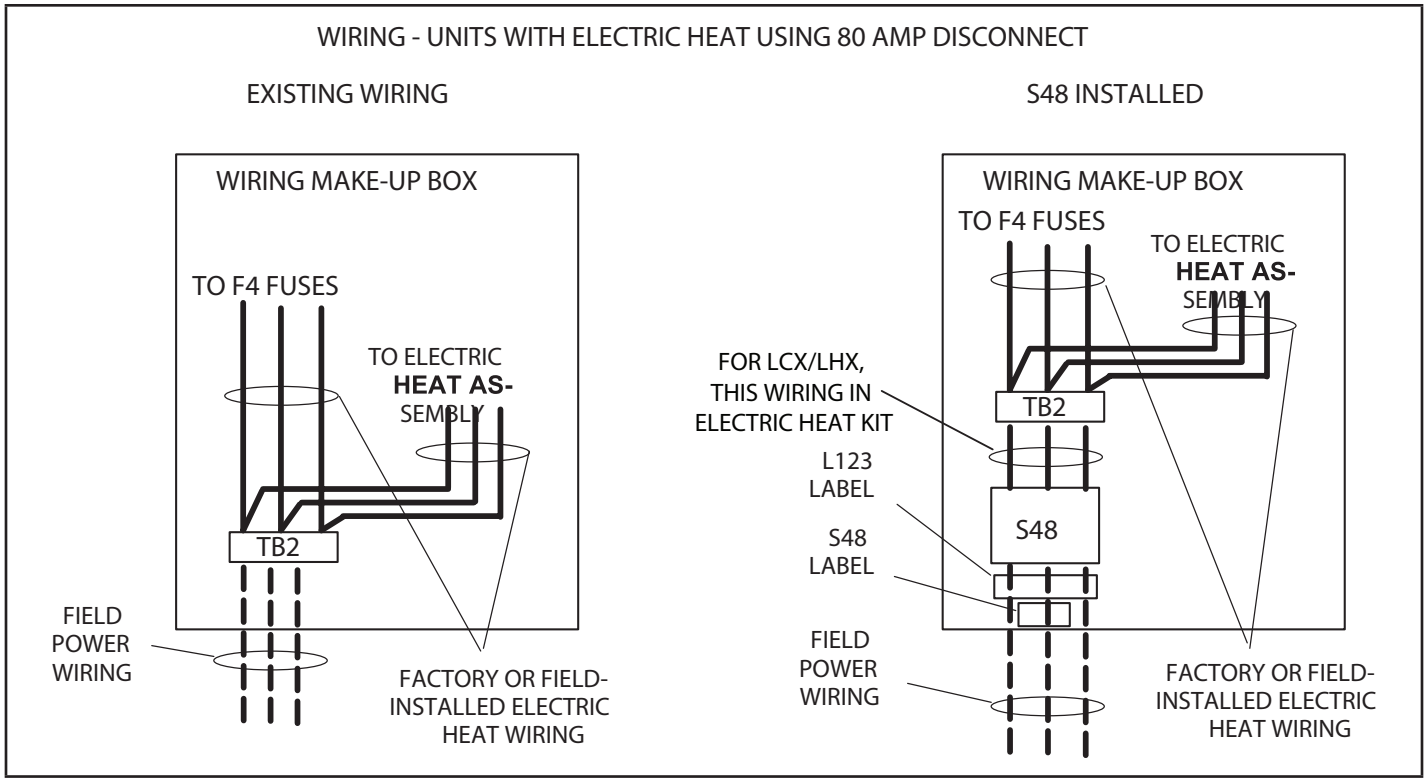


FIGURE 7

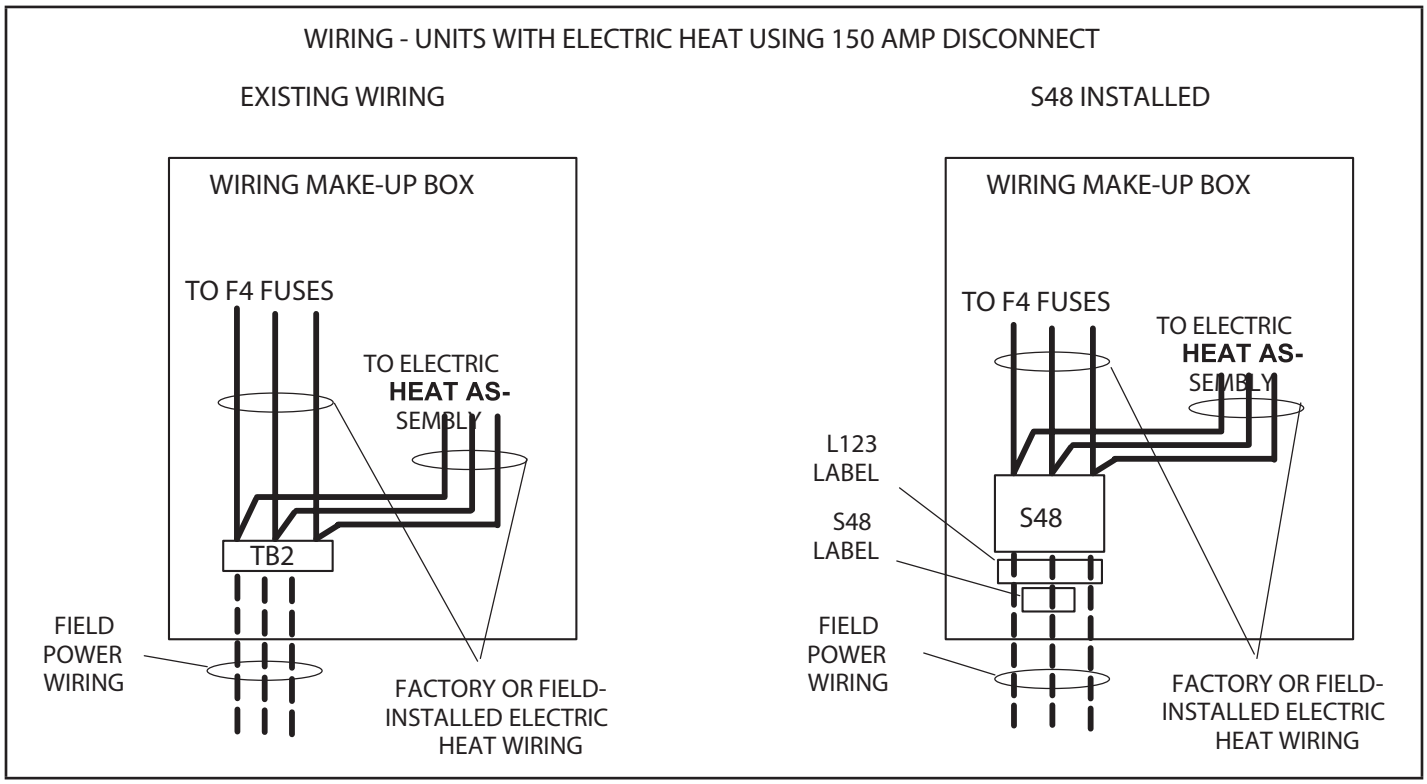


FIGURE 8