

# INSTALLATION INSTRUCTIONS

## ELECTRICAL DISCONNECT KIT

### EBAC01DSC



## WARNING

### ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death, or property damage.

Before installing, modifying, or servicing system, main electrical disconnect switch must be in the OFF position and install a lockout tag. There may be more than one electrical supply to the fan coil. Check accessories and cooling unit for additional electrical supplies that must be shut off during fan coil servicing. Lock out and tag switch with a suitable warning label. Verify proper operation after servicing.

### INTRODUCTION

This instruction covers the installation of disconnect kit on models FCM, FVM, FEM, FSM, REM, WAH, WAP, WAX, EBP, EBX, EBV and EBW fan coils.

### DESCRIPTION AND USAGE

When pull-out is removed on access panel the disconnect allows safe service and maintenance to be performed on the load side of disconnect.

#### Kit Contents

Description	Quantity
Disconnect Assembly	1
Bezel	1
No. 10 Hex Head Screw	3
No. 6 Hex Head Screw	2



## WARNING

### ELECTRICAL SHOCK AND FIRE HAZARD

Failure to follow this warning could result in personal injury, death, and/or property damage.

Field wires on the line side of the disconnect are live even with the pull-out removed. Any service or maintenance to incoming wiring must be performed with the main disconnect switch tuned off. Failure to do so could result in electrical shock causing personal injury or death.

### Installation

1. Turn off electrical supply to fan coil unit.
2. Remove cover plate on blower access panel.
3. Remove blower access panel.
4. Remove pull-out and cover plate from disconnect assembly. Retain cover plate screw.
5. Attach disconnect mounting bracket to unit casing and blower shelf with 2 No. 10 hex head screws provided in kit. Bracket will mount near high-voltage line entry. (See **Figure 1**)
6. Replace yellow and black high voltage pigtail wires from heater with yellow and black wires supplied with disconnect kit. Make sure new wires are installed at the same location from which they were removed.
7. Attach load and line wires to disconnect. (See **Figure 2**) Insert wires into wire connectors. Tighten lugs on line side. Connect ground wire to unit ground lug.
8. Replace cover plate on disconnect assembly using 1 No. 10 hex head screw provided and retained cover plate screw. (See **Figure 1**)
9. Cut insulation away from access hole in blower access panel.
10. Remove adhesive backing from rubber window bezel and from the outside insert into access hole and seat firmly to insure an airtight adhesion to blower panel door surface. (See **Figure 3**)
11. Replace blower access panel.
12. Insert pull-out into disconnect assembly so copper conductors engage for continuity.
13. Turn on electrical power supply to fan coil unit and check operation.

**CAUTION:** Disconnect pull-out is not intended to interlock with upper access panel. Upper access panel can be removed without disconnecting power.

Figures 1, 2, and 3 Illustrations

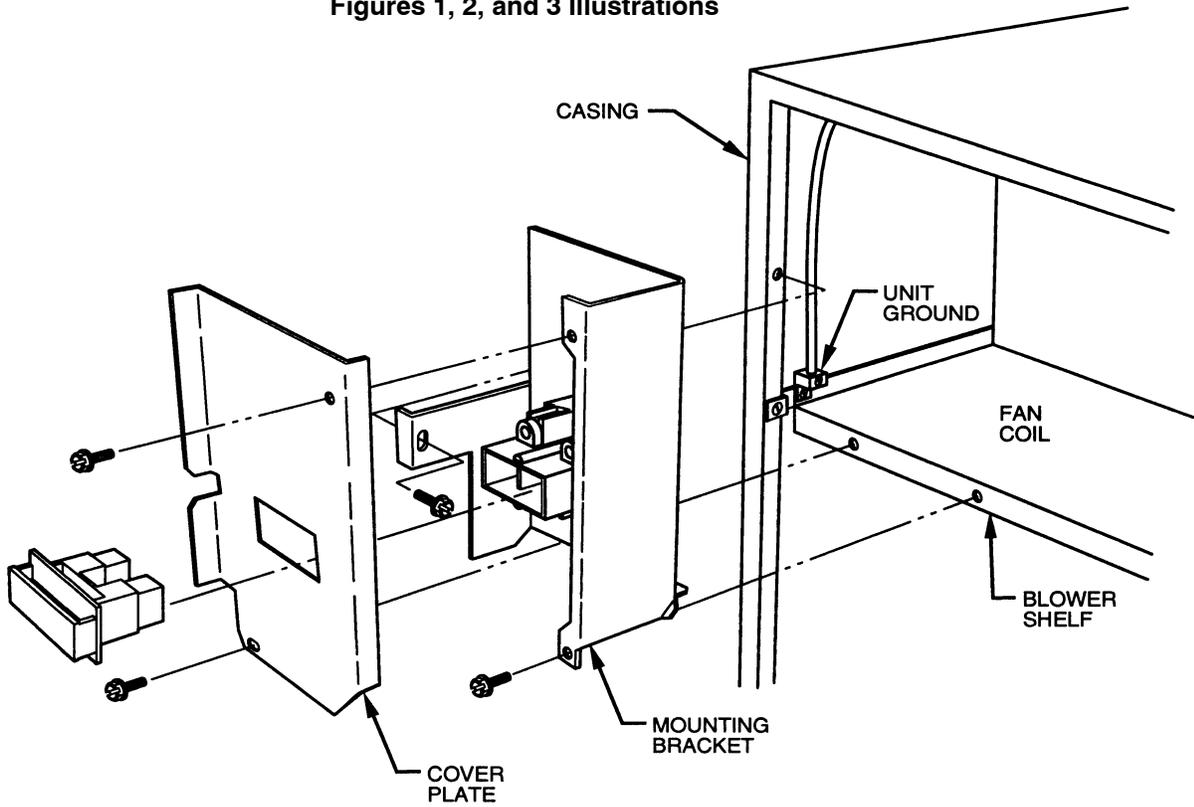
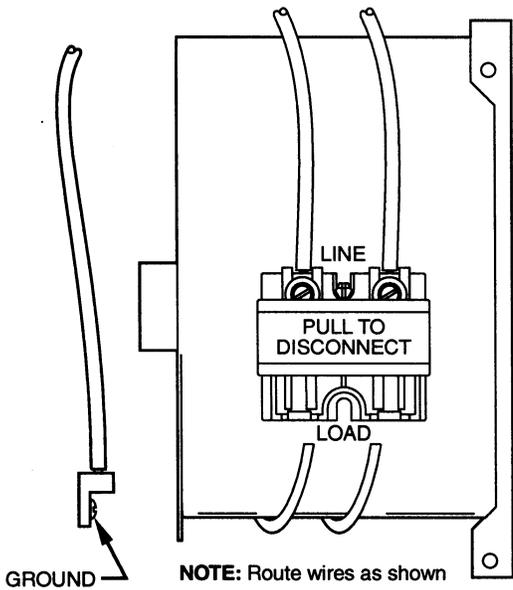


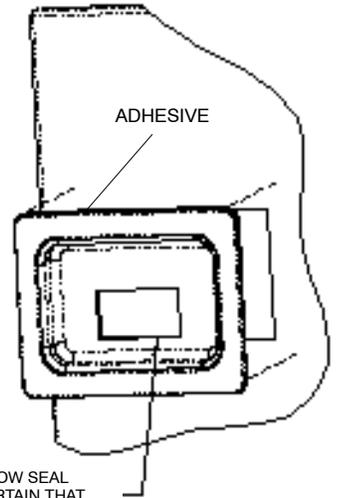
Fig. 1—Installation of Disconnect Kit

A90084



→ Fig. 2—Wiring Connections

A00001



PRIOR TO ADHERING WINDOW SEAL TO DOOR PANEL, MAKE CERTAIN THAT THE RECTANGULAR CUT-OUT IS DOWN

Fig. 3 - Adhesive to Blower Panel Door