Electrical Disconnect Kit (Instructions)EBP, EBX, EBV, EBW

Unit Disconnect

WARNING: Before beginning any installation or modification, be sure the main electrical disconnect switch is in the OFF position. Tag side connect switch with suitable warning label. Electrical shock can cause personal injury or death.

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.

Disconnect Assembly 1
Bezel 1
No. 10 Hex Head Screw 3
No. 6 Hex Head Screw 2
Installation Instruction 1

WARNING: 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 will 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 Fig. 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 Fig. 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 Fig. 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 Fig. 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.

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Figures 1, 2, and 3 Illustrations

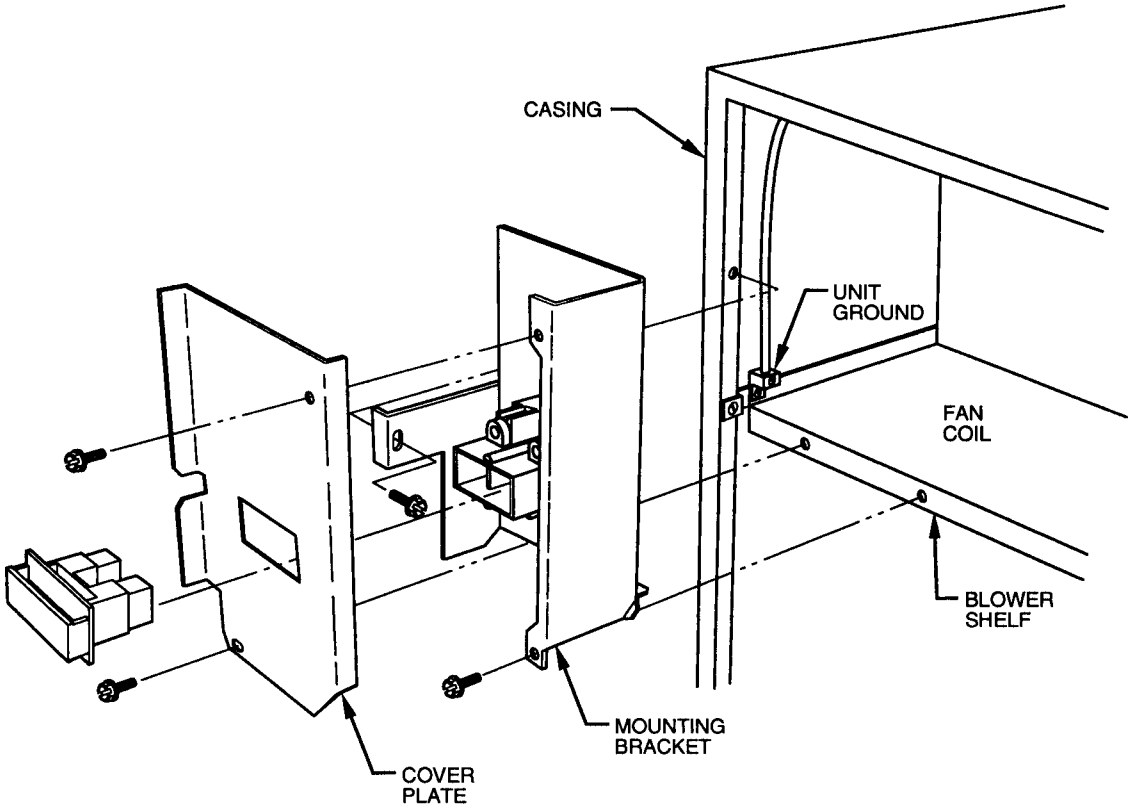
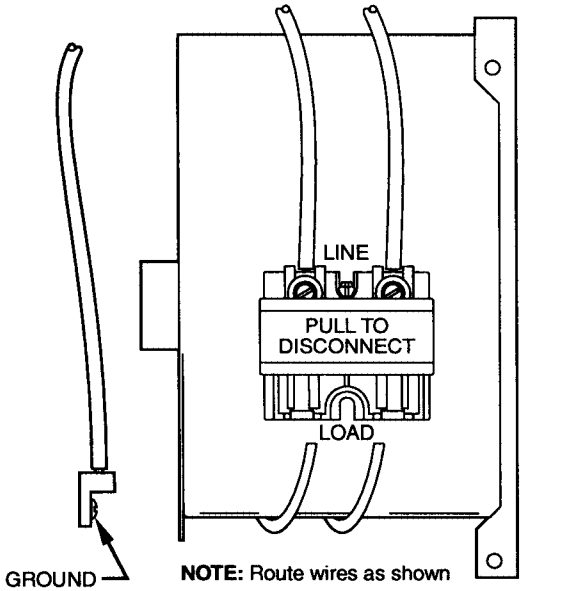


Fig. 1—Installation of Disconnect Kit



→ **Fig. 2—Wiring Connections**

