

INSTALLATION INSTRUCTIONS

Vanguard Earth Ground Installation

SAFETY INSTRUCTIONS

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

INSTRUCTIONS

This document provides instructions for the installation of an earth ground from the IEC input connector to the frame.

WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

Table 1: Parts List

Item	Description	Part Number	Quantity
1	Lead Wire, 16", Green 14G2 8RG-250	309782000	1
2	Wire Tie	721741	2
3	Grounding Nut	200498003	1

Ground Wire Installation Instructions

1. Remove the right side of the conversion unit.
2. Snip any existing wire ties on harness bundle.
3. Connect the ground wire (P/N 309782000) provided in the kit by pressing the quick connect bushing onto the IEC connector ground location. (See Figure 1) This is the main power in line – next to the condenser.

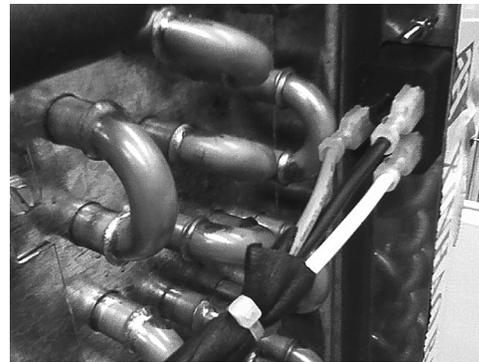


Figure 1.

4. Connect the ring terminal end of the ground wire (P/N 309782000) to the earth ground stud at the bottom of the unit, using provided grounding nut to secure ground wire to stud.

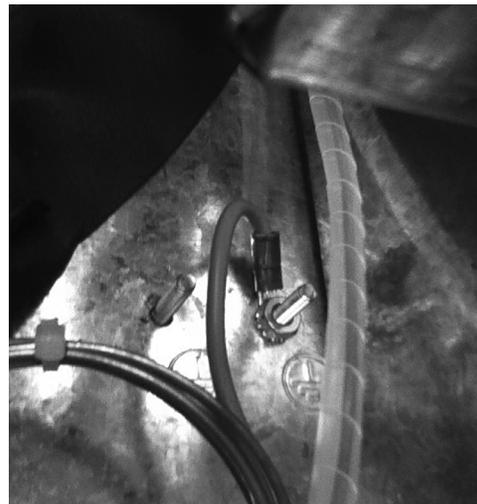


Figure 2.

5. Route the ground wire, bundled with the line and neutral wires, as shown and wire tie them together using the wire ties. Black sleeve may or may not be present and is not required.

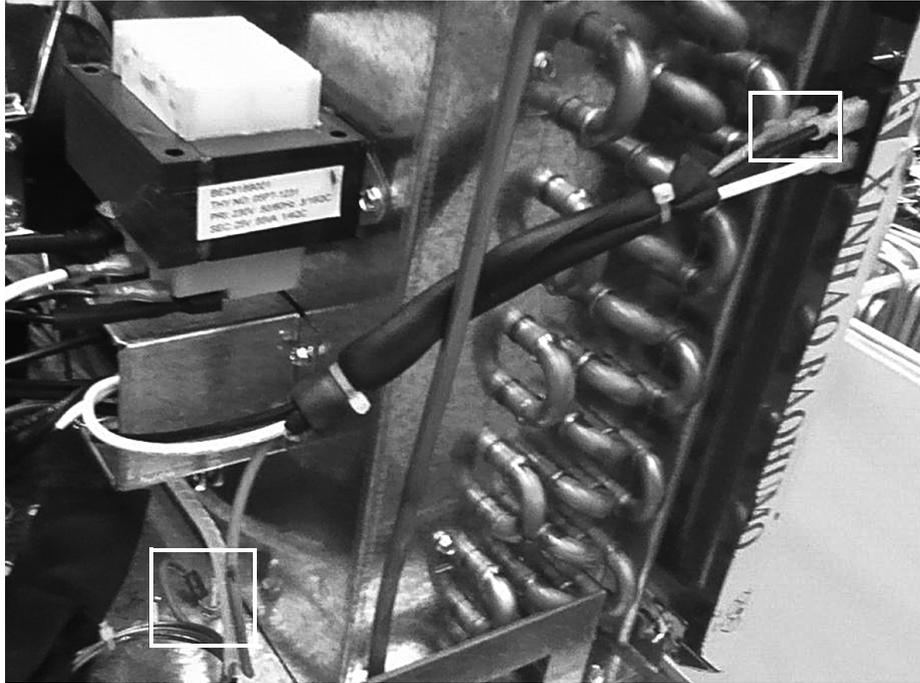


Figure 3.