Accessing the Drum Vacuum System components

Applies to

ThermoFlex

Background

The purpose of this procedure is to gain access to the Drum Vacuum Drive's Inverter and Controls.

Tools and parts

- Allen Key - 2.5 mm
- Allen Key - 4 mm
- Flathead Screwdriver

Steps

Accessing the Drum Vacuum Drive Inverter:

Caution: Ensure that all power to the Drum Vacuum Drive (DVD) is disconnected and that the breaker to the assembly is opened.

1. Use the 2.5mm Allen key to remove the 24 screws holding the cover to the DVD assembly.
2. Gently lift the cover off and away from the DVD assembly.
3. Carefully place the cover on a clean surface so that it does not get damaged.
4. Using a flathead screwdriver, remove the two screws from the bottom of the MagneTek motor drive (inverter).
5. Press on the lower left and right sides and pull to remove the inverter cover.

Warning: Before proceeding with any wiring inside the inverter, ensure power has been turned off for at least 5 minutes and that the LED on the front of the inverter is not illuminated. The capacitors inside the inverter may take up to 5 minutes to discharge.

Steps cont.

Accessing the Drum Vacuum Pump and Junction Box components:

1. Use the 4mm Allen key to remove the 14 screws from the Drum Vacuum Pump's (DVP) cover.
2. Gently lift the cover off and away from the DVP.
3. Carefully place the cover on a clean surface so that it does not get damaged.
4. Use the 2.5mm Allen key to remove the 5 screws from the Junction Box's cover.
5. Remove the cover from the Junction Box.

Notes

Technical contact Ted Nivolianitis

Date submitted 15 Nov 1999

Date modified 08 Feb 2000.