Overview

This document outlines how to override the compressors on in an i-Controller 2.0 unit.

How to Override Compressors ON

WARNING: 24 volts may be present on the wires when performing the steps below. Use precaution.

1. Remove the common wire for the unloader on digital compressor (see Figure 1). This is the black wire on the unloader. This will make the digital compressor run at 100%.

Figure 1.

2. Go to the "Cooling Test" in the Test Modes Menu and turn the test mode "ON". This will start the digital compressor. Allow compressor 1 to run for 15 minutes.

3. Take readings on circuit one.

4. Once done with readings on circuit one, disconnect a single wire from the low-pressure safety switch for the digital compressor (see figure 2.).
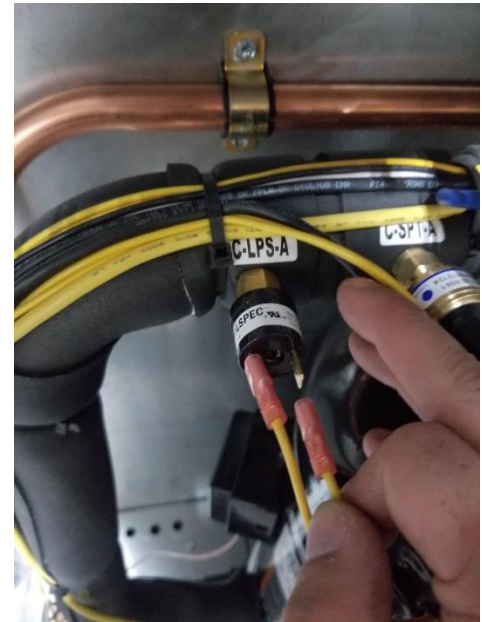

Figure 2.

5. When the safety circuit is interrupted, the digital compressor will turn off. Once the compressor fault is detected, the controller will start the fixed on-off compressor 2. Allow compressor 2 to run for 15 minutes.

6. Take readings on circuit two.

7. After all readings have been taken, exit test mode on the controller and reconnect all wiring.

NOTE: Failure to reconnect all wiring will prevent the unit's proper operation.

If you need any additional assistance, please contact CES Technical Support at 888-598-1198 Opt.1.