



Service Bulletin

High Temperature Sensor Connections

TNCSTP 101805-B

Purpose

The troubleshooting information provided in this service bulletin shows how to properly wire 12 VDC wires to a high temperature sensor in NORCOLD 1200 Series refrigerators.

Background

The high temperature sensor is located in the canister inside the insulation of the boiler/generator on the left side of the refrigerator (see Figure).

The two 14 AWG 12 VDC high temperature sensor lead wires (colored red) consist of one input and one output. The input wire (quick connect - male) attaches to the RV and the output wire (quick connect - female) attaches to the power board terminal.

The RV -12 VDC wire (quick connect - female) connects to the power board terminal GND1. The RV +12 VDC (quick connect - female) connects to the +12 VDC high temperature sensor lead wire. Both RV wires may vary in color, depending on the manufacturer.

NOTE

The +12 VDC wire from the high temperature sensor comes installed from the factory and should already be connected to the 12 VDC terminal on the power board.

Procedure

To wire the refrigerator 12 VDC wires to the RV:

1. Connect +12 VDC wire from the RV to the +12 VDC over heat sensor wire (see ① of Figure).
2. Connect the -12 VDC wire from the RV to power board terminal GND1 (as shown in ② of Figure).

Technical Assistance:

Please contact NORCOLD Technical Assistance if further assistance is needed to complete this procedure:

- Telephone: 1-800-444-7210
- World Wide Web: www.norcold.com/cda

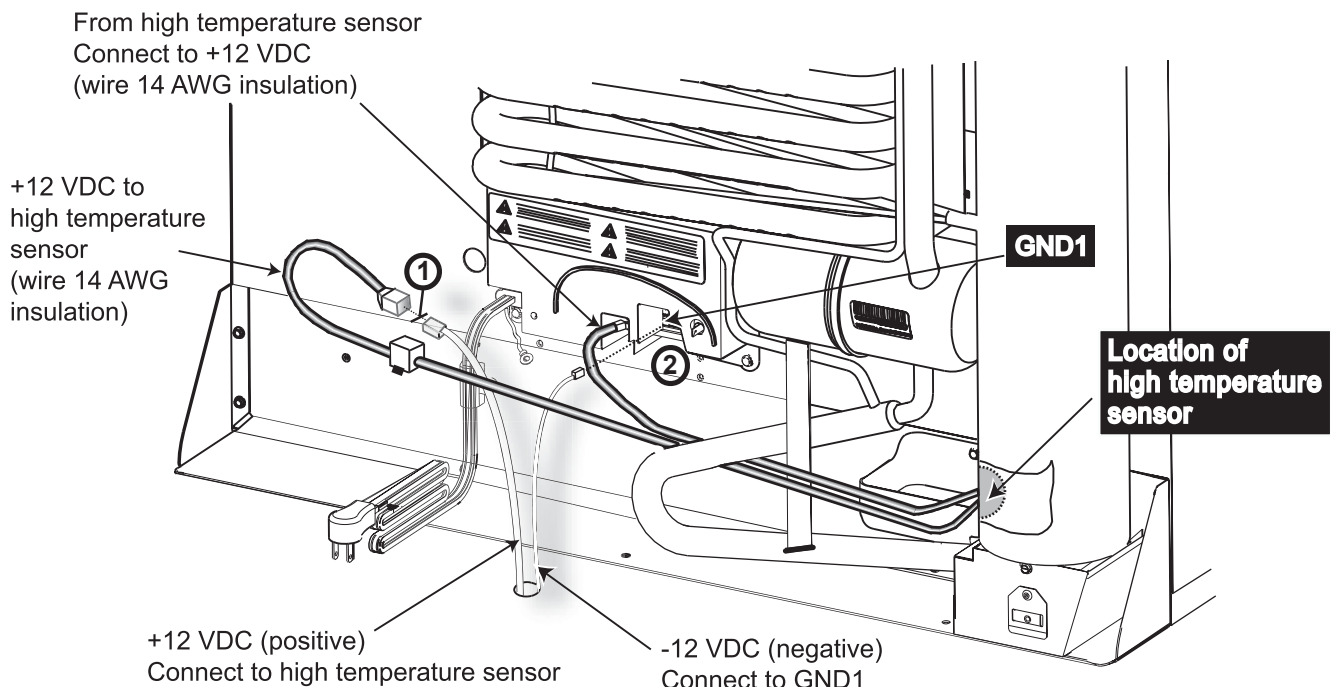


Figure. Graphic of sensor location and connection.