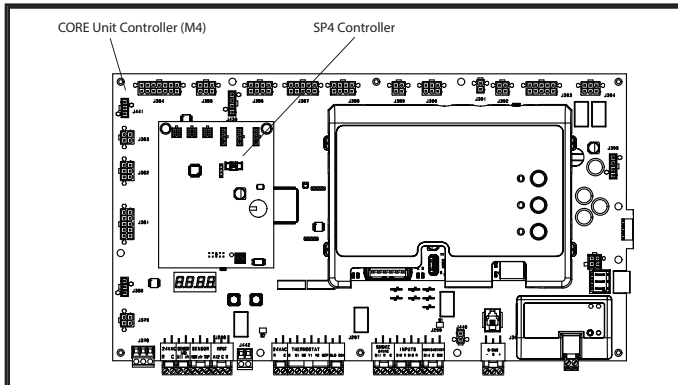


SP4 Control Replacement Kit**INSTALLATION INSTRUCTIONS FOR SP4 CONTROL REPLACEMENT KIT
(31K39) FOR USE WITH LENNOX® CORE UNIT CONTROLLER (M4)****FIGURE 1****! CAUTION**

Electrostatic discharge can affect electronic components. Take precautions during unit installation and service to protect the unit's electronic controls. Precautions will help to avoid control exposure to electrostatic discharge by putting the unit, the control and the technician at the same electrostatic potential. Neutralize electrostatic charge by touching hand and all tools on an unpainted unit surface before performing any service procedure.

! IMPORTANT

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

Shipping and Packing List

Package 1 of 1 contains:

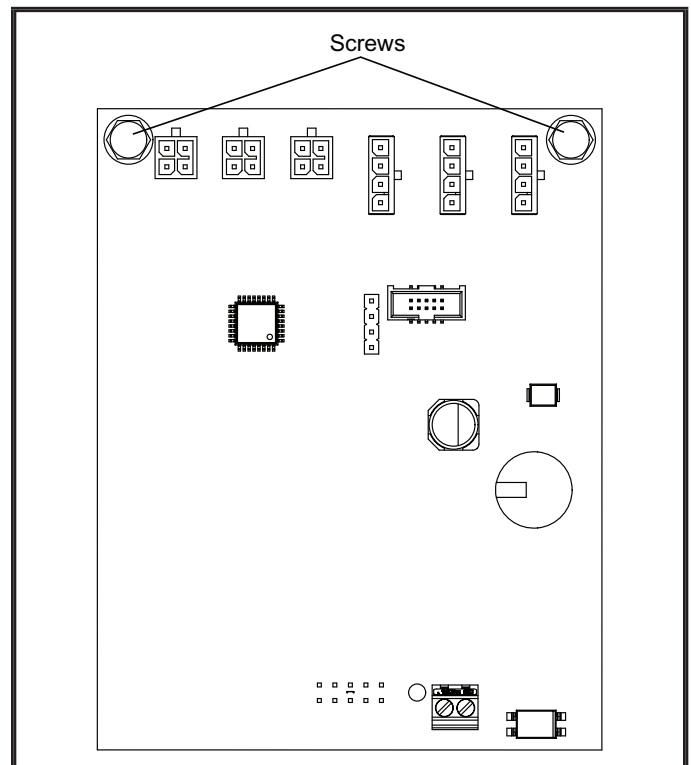
1 - SP4 Control

Installation**! IMPORTANT**

A Phillips head screwdriver is required to remove the old SP4 control from the RTU mounting panel.

The SP4 control is compatible only with the CORE unit controller (M4).

1. Disconnect power to the RTU unit.
2. Unplug the wire harnesses from the SP4 control being replaced.
3. Remove the two screws securing the existing SP4 control from the M4 unit controller.

**FIGURE 2**

4. Remove SP4 control from M4 unit controller.
5. Install new SP4 control at M4 unit controller.
6. Secure new SP4 control to M4 unit controller using screws removed in step 3.
7. Reconnect wire harnesses.
8. Restore all power to the unit.

SP4 Control Connections

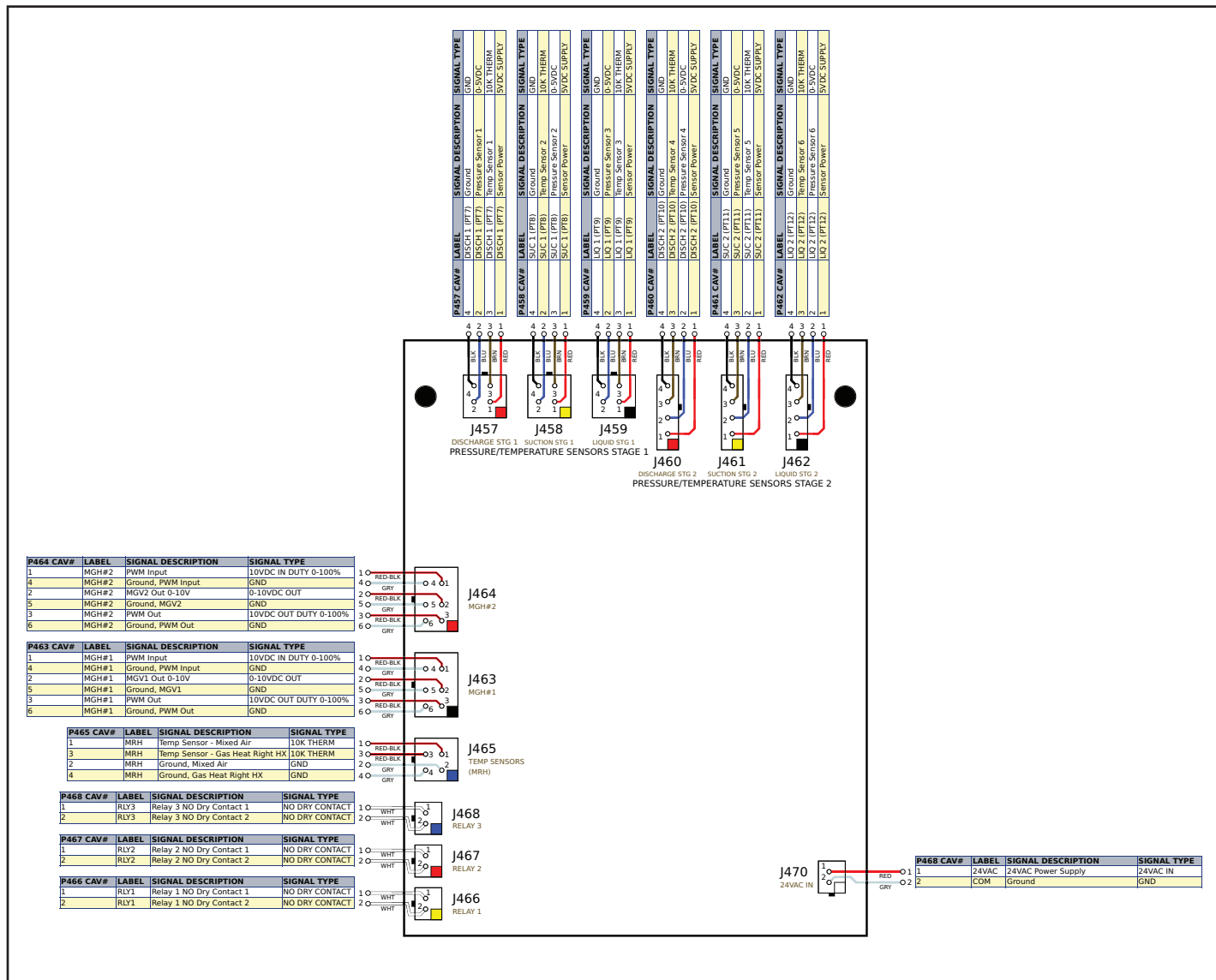


FIGURE 3

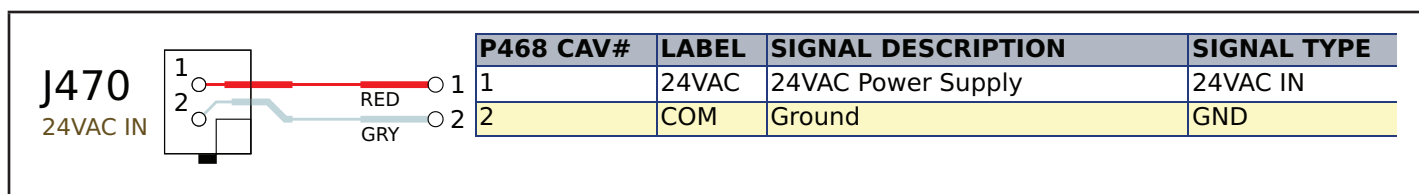


FIGURE 4 P470 (24VAC IN)

PRESSURE/TEMPERATURE SENSORS STAGE 1

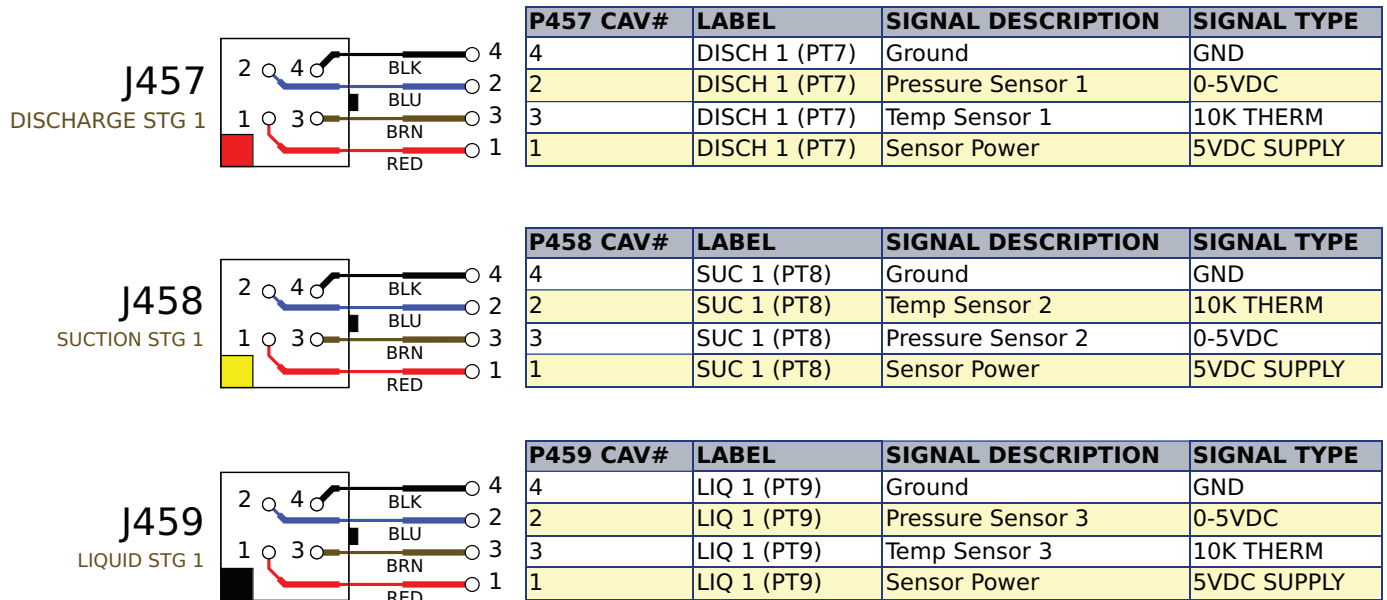


FIGURE 5 P457 thru P459 (Pressure/Temperature Sensor Stage 1)

PRESSURE/TEMPERATURE SENSORS STAGE 2

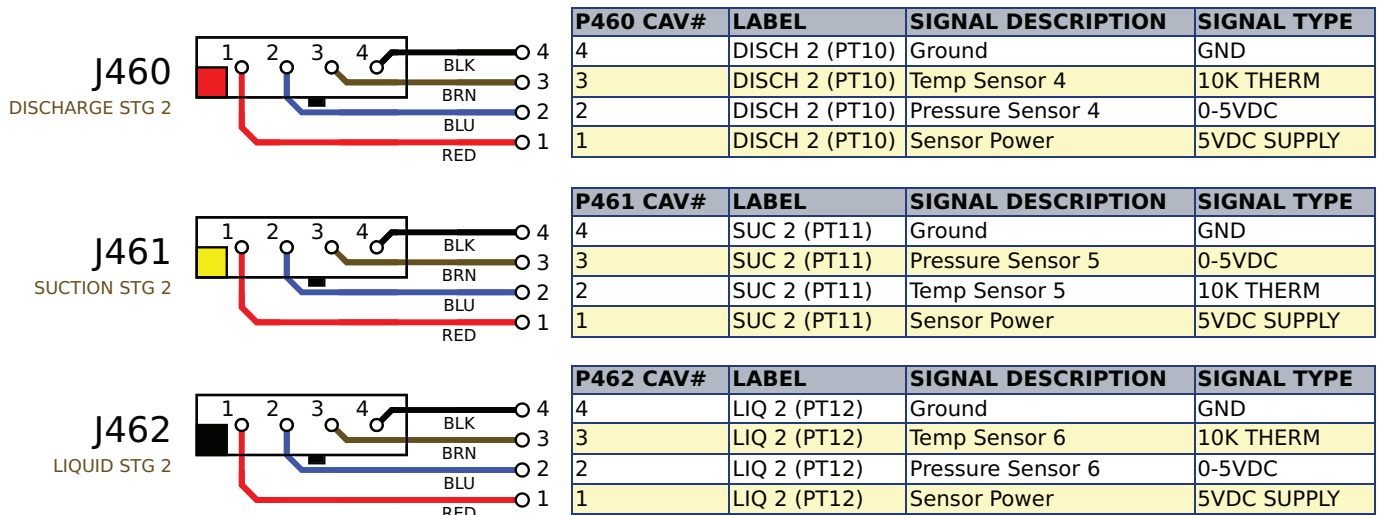


FIGURE 6 P460 thru P462 (Pressure/Temperature Sensor Stage 2)

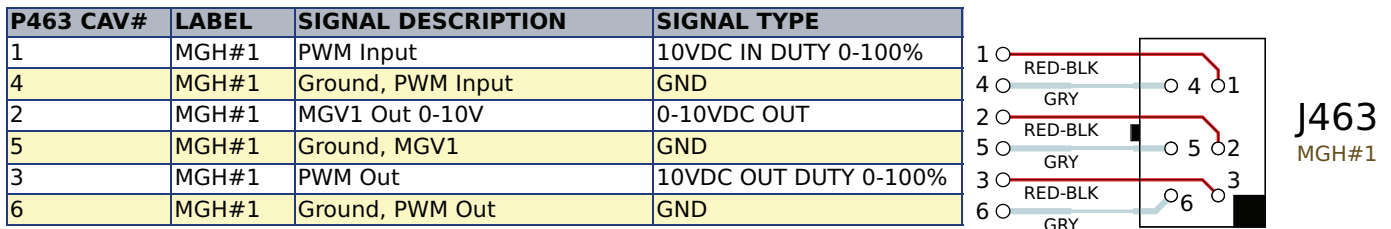


FIGURE 7 P463 (MGH#1)

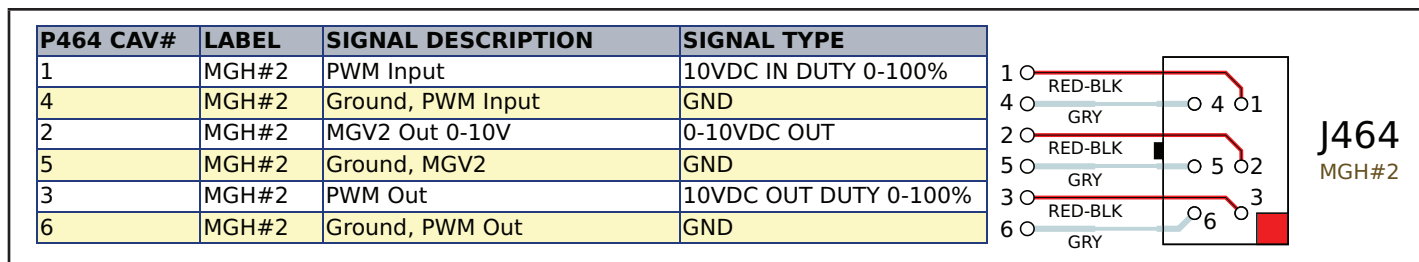


FIGURE 8 P464 (MGH#2)

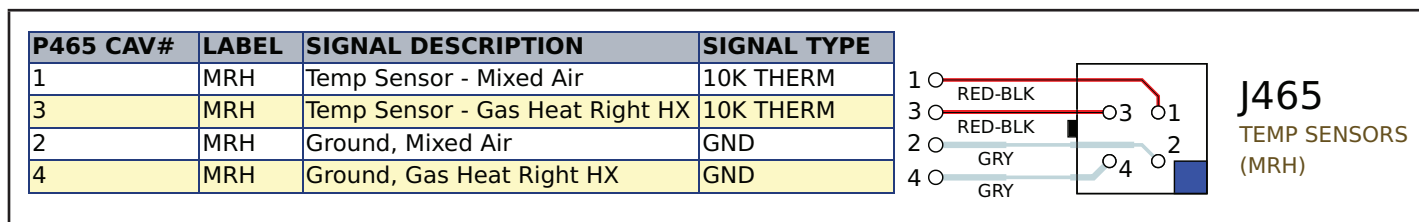


FIGURE 9 P465 (Temperature Sensors MRH)

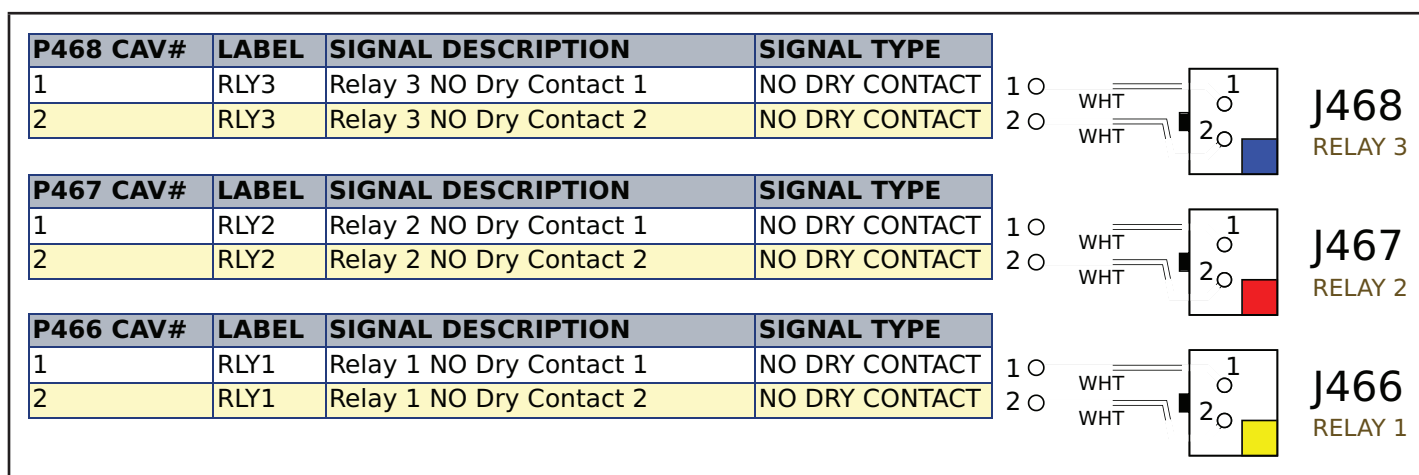


FIGURE 10 P466 thru P468 (RELAYS)