



SERVICE BULLETIN Volt 9

Replacement of Tyco Contactor

Products:

Volt 9 Electric Heaters

Corrective Action:

Replacement of previous (Tyco) contactor (part #22570) with current (Chint) contactor NCK3-30 (part # 22670)

Preparation:

The overall wiring diagram of the Volt 9 heater is the same with the Tyco contactor (part #22570) and with the Chint contactor (part #22670), but some additional wiring rework is needed to the new contactor. In order to replace the Tyco contactor with the Chint contactor, cut off 4 pcs connectors and strip the tip of the wires located at the contactor. Place each of the 4 wires under each lug and tightened with the screw. See below.



Figure 1 - Contactor Chint NCK-30 (Part# 22670)



Figure 2 - Tightening the screw

Tyco contactor position 22
Chint contactor position L1
cut off connector of the wire going to
switch S1 position 2A

Tyco contactor position 12
Chint contactor position L2
cut off connector of the wire going to
switch S1 position 1A

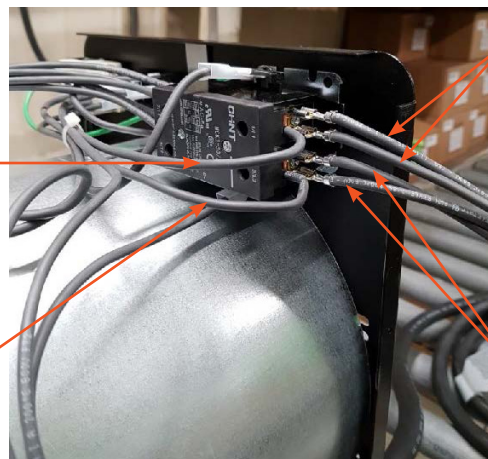


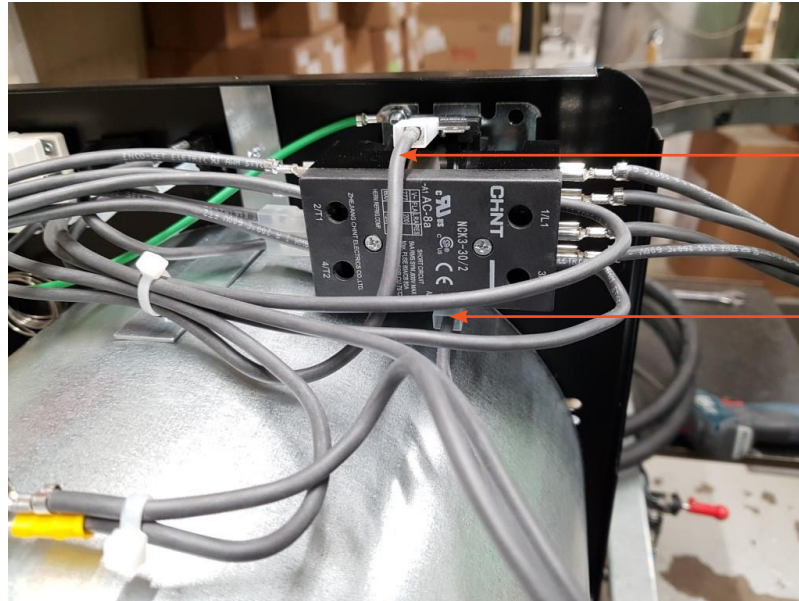
Figure 3

Wires going to terminal block X1
position 2

Wires going to terminal block X1
position 1



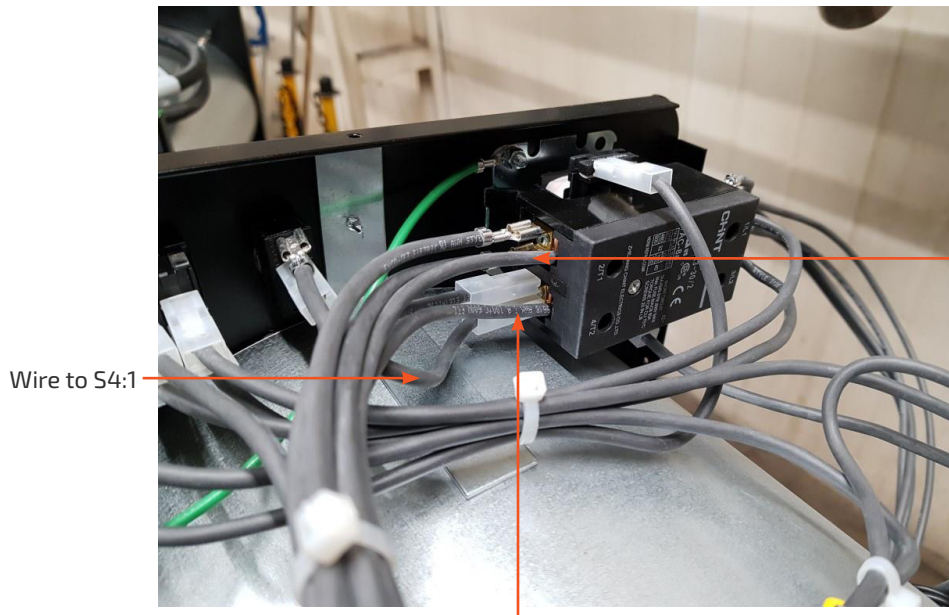
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Wire going to switch S2
position 1

Wire going to terminal
block X1 position 4

Figure 4



Wire to S4:1

Tyco contactor position
21 / Chint contactor
position T1 cut off 1 piece
connector

Figure 5

Tyco contactor position 11
Chint contactor position T2
cut off 1 piece connector