

KIT PCB ASSEMBLY CHILLER INTERFACE CONNECTOR (FIE)

100076-1



Installation and servicing of Danfoss Turbocor® compressors by qualified and product trained personnel only. Follow these instructions and sound refrigeration/electrical/servicing practices relating to installation, commissioning, maintenance and service.

<p>Consult the appropriate DTC Service Manual on turbocor.danfoss.com for detailed service instructions.</p>	<p>Never power compressor without covers in place and secured.</p> <p>Removing the mains input cover will expose you to a voltage hazard of up to 575V. Ensure the mains input power is off and locked out before removing cover.</p> <p>Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</p>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p>This equipment contains hazardous voltages that can cause serious injury or death.</p>	<p>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</p>
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1 - Introduction

PCB ASSEMBLY CHILLER INTERFACE CONNECTOR (FIE) Removal and installation.

2 - Removal and Installation Instructions:

1. Isolate compressor power in accordance with sections 1.7 through 1.9 of the Service Manual (M-SV-001).
2. Remove all external connections from the compressor I/O board.
3. Using a screwdriver, apply leverage toward the left while lifting the right side of the compressor I/O board.
4. Remove the four screws and washers that secure the mounting bracket.

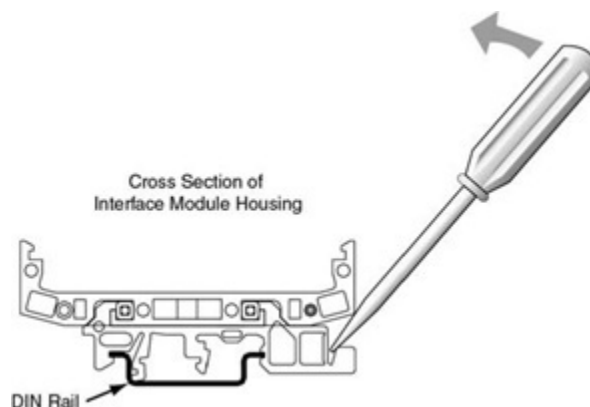



Figure 1 Removing the Compressor I/O Board from the DIN Rail

5. Repeat the procedure for the other mounting foot to disengage the compressor I/O board.
6. Install the left foot of the replacement board into the rail and press the right side of the board down until it engages the rail.
7. Reconnect all external connections and wiring on the compressor I/O board.
8. Reapply power to compressor.

3 - Kit Contents

QTY	Part(s) Description	Picture(s)
1	KIT – PCB ASSEMBLY CHILLER INTERFACE CONNECTOR	

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