




INPUT MAINS BUS BARS

100416, 100416-1

 <p>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>			
<p>Consult the appropriate Danfoss LLC Service Manual on www.turbocoroem.com for detailed service instructions.</p>	<p>Never power the compressor without the top covers in place and secured.</p> <p>Removing the mains input cover will expose you to hazardous voltages. Ensure the mains input power is off and locked out before removing the cover.</p> <p>Before removing the 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>

1 - Introduction

Please refer to our service manual for the removal and installation procedures.

To access the manual, you may scan the applicable QR code below or you may go to our DTC website at www.turbocoroem.com. At the bottom of the page there is a Section named "Categories" that includes various menus including one for Manuals.

Refer to the applicable QR code below to download the TT/TG Series Service Manual.

English










Chinese

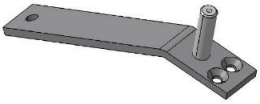









2 - Kit Contents

Note: Any part numbers included in the kit contents are internal part numbers only. Please refer to our Spare Parts Manuals for any kit part numbers.

Kit numbers	Compressor models	
100416	TTS350/TTS400/TTS500/TTS700/TGS310/TGS390/TGS490/TGS520/ TTH375/TGH285 (Revision F and earlier)	
QTY	Part(s) Description	Picture(s)
1	INPUT MAINS BUS BAR, PHASE 1	
1	INPUT MAINS BUS BAR, PHASE 2	
1	INPUT MAINS BUS BAR, PHASE 3	
3	WASHER, M10 SPLIT LOCK - 902812	
3	WASHER, 3/8" FLAT - 902807	
3	SCREW, M8x20-BUTTON HEAD CAP DBL SEMS - 902868	
3	NUT, HEX, 3/8- 16 UNC HEX - 902815	



Kit numbers	Compressor models	
100416-1	TTS350/TTS400/TTS500/TTS700/TGS310/TGS390/TGS490/TGS520/ TTH375/TGH285 (Revision H)	
QTY	Part(s) Description	Picture(s)
3	INPUT MAINS BUS BAR	
3	SCREW M6x16, SOCKET HEAD CAP - 902818	
6	SCREW M5x12, HEX DRIVE FLAT HEAD - 902977	
3	WASHER, 3/8" SPLIT LOCK - 902812	
3	WASHER, M6 SPLIT LOCK - 902809	
3	WASHER, M6, FLAT - 902804	
3	WASHER 3/8" FLAT - 902807	
3	NUT, HEX, 3/8- 16 UNC HEX - 902815	

3 - List of Changes

Revision	Date	Description of Change
N	2/19/2025	Added three lock washers (902809) to kit 100416-1 Changed the 3/8" lock washer part number for kit 100416 to 902812 Updated format

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