




TTS/TGS/TTH/TGH Spare Part Kit

KIT INPUT MAINS BUS BARS

100416, 100416-1

 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.			
Consult the appropriate Danfoss LLC Service Manual on www.turbocoroem.com for detailed service instructions.	<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>	Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage. This equipment contains hazardous voltages that can cause serious injury or death.	<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:

INPUT MAINS BUS BARS replacement.

This kit contains the Input Mains Bus Bars and hardware.

Please refer to our Service Manual for the replacement instructions.

We have made the **TTS/TGS/TTH/TGH Service Manual** available to anyone. To access the manual, you may scan the applicable QR code below or you may go to our website at www.turbocoroem.com. At the top of the page there is a pull-down menu called "Quick Links." Click this menu and select the appropriate service manual.

Refer to the applicable QR code below to download the TTS/TGS/TTH/TGH Service Manual.

English



Chinese










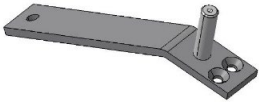






2 - GENERAL INFORMATION:

Isolate compressor power as described in Section "Electrical Isolation of the Compressor" of the Service Manual (M-SV-001) prior to performing any service procedures.

3 - 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 - 902839	
3	WASHER, 3/8" FLAT 0.438"ID 1.0"OD 0.083" THK TYPE A WIDE - 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, FLAT - 902804	
3		WASHER 3/8" FLAT 0.438"ID 1.0"OD 0.083" THK TYPE A WIDE - 902807	
3		NUT, HEX, 3/8- 16 UNC HEX - 902815	

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