

SNUBBER CAPACITOR

199K0044, 199K0045, & 100417-2

 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.	Never power the compressor without the top covers in place and secured. 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. Before removing the top cover, wait at least 20 minutes after isolating AC power to allow the high-voltage capacitors to discharge.	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.	Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.

1 - Introduction

Please refer to our Service Manual for the replacement instructions.

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

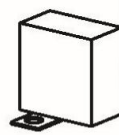
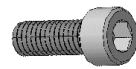


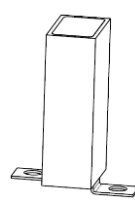
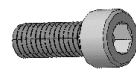
Chinese

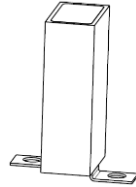
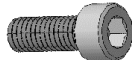


2 - Kit Contents

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
199K0045		TTS300/TGS230 compressors (Revision G and earlier)
QTY	Part(s) Description	Picture(s)
3	CAPACITOR, IGBT SNUBBER, 0.47 μ f 1000 VDC - 990124	
6	WASHER, M6, SPLIT LOCK - 902809	
6	SCREW, M6x16, SOCKET HEAD CAP - 902818	
6	WASHER, M6, FLAT - 902804	

Kit numbers		Compressor models
199K0044		All compressors (excluding TTS300/TGS230 models)
QTY	Part(s) Description	Picture(s)
3	CAPACITOR, IGBT SNUBBER, 0.56 μ f 1000 VDC - 600A0558	
6	WASHER, M6, SPLIT LOCK - 902809	
6	SCREW, M6x16, SOCKET HEAD CAP - 902818	
6	WASHER, M6, FLAT - 902804	

Kit numbers		Compressor models
100417-2		TTS300/TGS230 revision H compressors
QTY	Part(s) Description	Picture(s)
3	CAPACITOR, IGBT SNUBBER, 0.47 μ f 1000 VDC-903655	
6	WASHER, M6, SPLIT LOCK - 902809	
6	SCREW, M6x16, SOCKET HEAD CAP - 902818	
6	WASHER, M6, FLAT - 902804	

3 - List of Changes

Revision	Date	Description of Change
Q	10/5/2023	Added kit 100417-2 and removed kit 100417-1. Added detailed electrical isolation information. Updated the Introduction section to match our new webpage layout.
R	6/4/2025	Complete update of document including kit number changes.

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