

Bulletin | Danfoss Turbocor Compressors

Customer Notification

B-CN-372-EN REV A

September 13, 2024

SUBJECT: TT/TG Series Compressor Service Manual and Spare Parts Selection Guide Update

Purpose

This is to inform our customers that we have **revised the TT/TG Series Service Manual and Spare Parts Selection Guide**. The Spare Parts Selection guide includes many new spare part kits. Both manuals include minor corrections throughout.

Figure 1 – Manual Covers



Spare Parts Selection Guide

The Spare Parts Selection Guide is now revision K. Refer to Table 1 below for information on new kits.

Table 1 – New Kits for TT/TG Series Spare Parts Selection Guide

Part Number	Description	Applies To	Major Rev	Comment
199K0024	SCR COOLING MANIFOLD	Standard Temp Models <ul style="list-style-type: none"> TTS350/TTS400/TTS700 TGS310/TGS390/TGS490/TGS520 	-H	Works with both previous and new design cooling manifolds Includes SCR Manifold Return Fitting, O-rings, and fasteners

199K0025	SOL PLGR-HARNESS FLD RPL	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	<p>Upgrades the Motor Cooling Valve</p> <p>Includes Motor Plunger, Orifice, Solenoid Coil/Harness Assy, O-rings, and hardware</p>
199K0026	COMPRESSOR COOLING CABLE/COIL ASSY	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	Includes hardware
199K0027	ORIFICE BDY LG CLG, 2.5MM	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	Includes one orifice body and O-rings
199K0028	PLUNGER ASSY, SOLENOID	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	Includes one plunger with O-ring and nut
199K0029	COOLING VALVE ASSY	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	Includes two orifices, plungers, and all required O-rings and hardware
199K0028	PLUNGER ASSY, SOLENOID	<ul style="list-style-type: none"> TTH375 / TGH285 TTS450 / TGS380 	-H	Includes one plunger with O-ring and nut
199K0030	O-RING, SOLENOID ORIFICE	ALL COMPRESSORS	ALL	Only replaces cooling valve O-rings
199K0031	O-RINGS, SERVICE SIDE, SMALL	ALL COMPRESSORS	ALL	Includes O-rings for cooling valves, 6 Pin, 4 Pin, and 9 Pin Hermetic Feedthroughs

Service Manual

The Service Manual is now revision H.1. Some of the change highlights are new Solenoid and Coil images along with updated instructions. We have also updated the installation instructions for the Snubber Capacitors and added DC-DC Input Fuse Verification. Torque values for the cover fasteners have also been updated.

Action Required

The latest revision of our **TT/TG Series Spare Parts Selection Guide and TT/TG Series Service Manual** is now available on our website. Please navigate to www.turbocoroem.com, select **Manuals** to access these updated manuals.

Need Assistance

For further questions, please contact your Key Account Manager or our Product Support group at turbocor.ps.na@danfoss.com or turbocor.ps.eu@danfoss.com for inquiries within Europe.

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