

TTS /TGS/TTH/TGH Spare Part Kit

KIT HEATSINK COOLING MANIFOLD SCR ASSEMBLY

100309-1, -5, -7, -8, -9, -10, -13, & -14



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 compressor without covers in place and secured.

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.

Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.

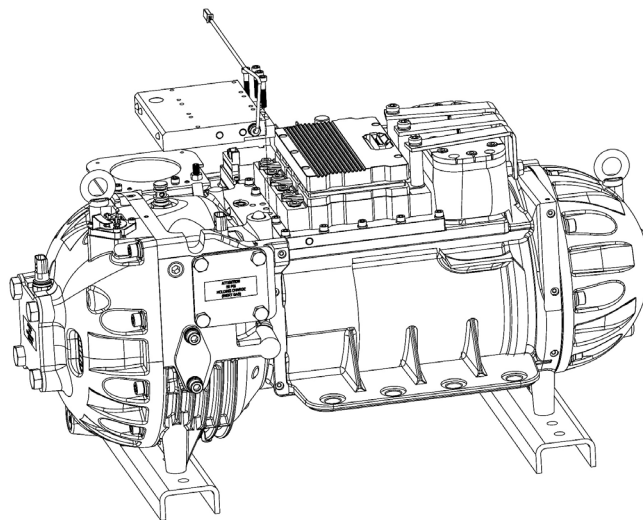
Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.

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:

SCR COOLING MANIFOLD replacement.



This kit contains the SCR Cooling Manifold as well as the required O-rings and fasteners.

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

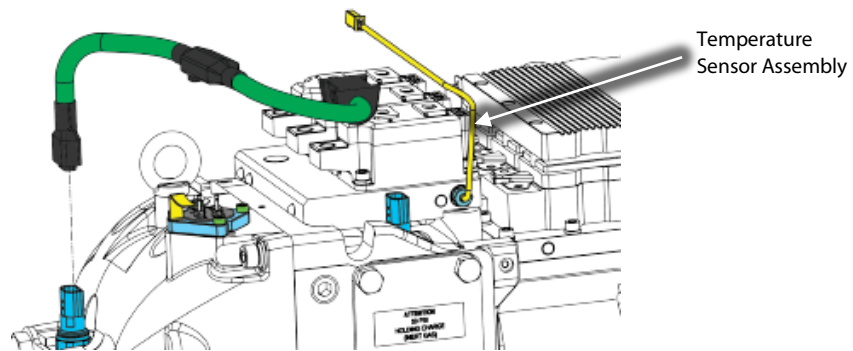


Chinese



2 - General Information:

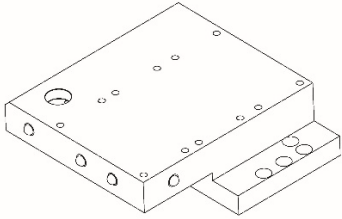


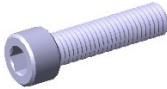

1. Isolate compressor power as described in Section "Electrical Isolation of the Compressor" of the Service Manual (M-SV-001) prior to performing any service procedures.
2. Kits 100309-13 and 100309-14 do not include the Temperature Sensor as these sensors are no longer required. After installing the new SCR Cooling Manifold, secure the remaining connector on the compressor with a cable tie.

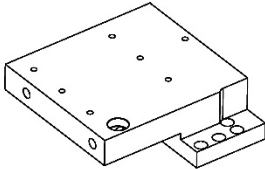


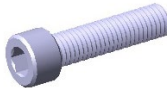



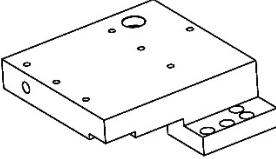


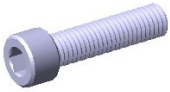

3 - Kit Contents:

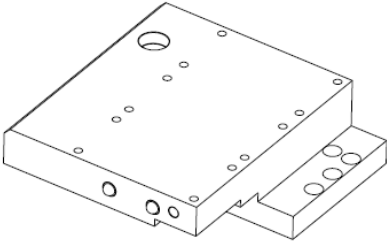


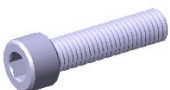

Note: Any part numbers included in the kit contents are internal part numbers only. Please refer to our Spare Parts Manuals for any kit part numbers.

KIT	100309-1, -5	
QTY	Part(s) Description	Picture(s)
1	SCR HEATSINK ASSEMBLY	
1	O-RING, SCR COOLING ADAPTER - 901862	
2	O-RING, SCR COOLING ADAPTER - 901850	
4	SCREW, M6X35, SOCKET HEAD CAP - 901850	
1	LUBRICATION-SUPER-O-LUBE-2G	

KIT	100309-7	
QTY	Part(s) Description	Picture(s)
1	SCR COOLING MANIFOLD	
2	O-RING, SCR COOLING ADAPTER - 901862	
1	O-RING, SCR COOLING ADAPTER - 901850	
4	SCREW M6X35, SOCKET HEAD CAP	
1	LUBRICATION-SUPER-O-LUBE-2G	

KIT	100309-8	
QTY	Part(s) Description	Picture(s)
1	SCR HEATSINK ASSEMBLY	
2	O-RING, SCR COOLING ADAPTER - 901862	
1	O-RING, SCR COOLING ADAPTER - 901850	
4	SCREW, M6X35, SOCKET HEAD CAP - 902821	
1	LUBRICATION-SUPER-O-LUBE-2G	

KIT	100309-9, 10	
QTY	Part(s) Description	Picture(s)
1	SCR HEATSINK ASSEMBLY	
2	O-RING, SCR COOLING ADAPTER - 901862	
1	O-RING, SCR COOLING ADAPTER - 901850	
4	SCREW, M6X35, SOCKET HEAD CAP - 902821	
1	LUBRICATION-SUPER-O-LUBE-2G	

KIT	100309-13, 14	
QTY	Part(s) Description	Picture(s)
1	SCR HEATSINK ASSEMBLY	
2	O-RING, SCR COOLING ADAPTER - 901862	
1	O-RING, SCR COOLING ADAPTER - 901850	
4	SCREW, M6X35, SOCKET HEAD CAP - 902821	
1	LUBRICATION-SUPER-O-LUBE-2G	

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