



KIT PRESSURE/TEMPERATURE SENSOR

100036, 100036-1, 100037, 100037-1.



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.

<p>Consult the appropriate Danfoss Turbocor Compressors Inc. (DTC) Service Manual on www.turbocoroem.com for detailed service instructions.</p>	<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>	<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>
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1 - Introduction:

PRESSURE/TEMPERATURE SENSOR Replacement.

This kit contains the Pressure/Temperature Sensor. Please refer to our Service Manual for details regarding the replacement of the sensor.

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 DTC 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 - PRESSURE/TEMPERATURE SENSOR Removal Instructions:

1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Unplug the sensor connector.
4. Remove the sensor from the IGV housing assembly with a deep 15/16" socket.

3 - PRESSURE/TEMPERATURE SENSOR Installation Instructions:

1. Apply O-lube on the new sensor O-Ring.
2. Install the new sensor.
3. Plug in the sensor connector.
4. Leak test and evacuate compressor in accordance with standard industry practices.
5. Return the compressor to normal operation.

4 - Kit Contents:

QTY	Part(s) Description	Picture(s)
1	SENSOR-PRESSURE/TEMPERATURE	
1	LUBRICATION-SUPER O-LUBE-2G	

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