



SENSOR, PRESS-TEMP

100036, 100036-1, 100037, 100037-1, 100037-2.



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.

<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:

SENSOR, PRESS TEMP 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 **TT Series 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 "Manuals". Click this menu and select the appropriate service manual.

Refer to the applicable QR code below to download the TT Series Service Manual.

English



Chinese



2 - SENSOR, PRESS TEMP Removal Instructions:

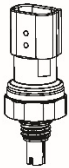

1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Unplug the sensor connector.

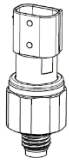

- Remove the sensor from the compressor with a deep 15/16" socket.

3 - SENSOR, PRESS TEMP Installation Instructions:

- Apply O-lube on the new sensor O-Ring.
- Install the new sensor and torque to 10 Nm (7 ft.lb.).
- Plug in the sensor connector.
- Leak test and evacuate compressor in accordance with standard industry practices.
- Return the compressor to normal operation.

4 - Kit Contents:

Kit numbers: 100036, 100036-1, 100037, 100037-1		
QTY	Part(s) Description	Picture(s)
1	SENSOR, PRESS TEMP	
1	LUBRICATION-SUPER O-LUBE-2G	

Kit Numbers: 100037-2		
QTY	Part(s) Description	Picture(s)
1	SENSOR, PRESS TEMP	
1	LUBRICATION-SUPER O-LUBE-2G	

5 - List of Changes

Revision	Date	Description of Change
M	12/1/2022	Added kit 100037-2

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