



KIT IGV O-Ring Assembly

100051, 100051-1.



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

IGV O-RING Assembly replacement.

This kit contains the IGV O-Ring. Please refer to our Service Manual for details regarding the replacement of the O-ring.

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 - IGV O-RING Removal Instructions:





1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Remove the IGV Assembly.
4. Discard the old O-ring.

3 - IGV O-RING Installation Instructions:

1. Ensure that the area used for installations is clean and free from all contamination.
2. Inspect the new O-ring and lubricate.
 1. Install the IGV with the new O-ring.
 2. Leak test and evacuate compressor in accordance with standard industry practices.
 3. Return the compressor to normal operation.

4 - Kit Contents:

KIT	100051	
QTY	Part(s) Description	Picture(s)
1	O-RING 2-379 C1278-80 (IGV)	
1	O-RING 2-128 C1278-80 (Feedthrough)	
1	O-RING 2-239 C1278-80 (Suction)	
1	LUBRICATION-SUPER-O-LUBE-2G	

KIT	100051-1	
QTY	Part(s) Description	Picture(s)
1	O-RING - E0740 2-128 IGV	
1	O-RING - E0740 2-128 FEEDTHROUGH	
1	O-RING - E0740 2-239 SUCTION	
1	LUBRICATION-SUPER-O-LUBE-2G	

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