



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 DTC Service Manual on turbocor.danfoss.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 Removal and installation.

2 - Removing Refrigerant from Compressor:

- Recover refrigerant from compressor in accordance with local codes and practices.

3 - IGV 'O' Ring Installation:

- It is far more desirable to take care in installation identifying and inspecting 'O' Rings than to repeatedly overhaul components with faulty seals.
 1. Ensure that the area used for installations is clean and free from all contamination.
 2. Remove each 'O' Ring that is to be installed from its package and inspect it for defects such as blemishes, abrasions, cuts, or punctures.
 3. The slight stretching of the 'O' Ring when it is rolled inside out will help to reveal some defects not otherwise visible. A further check of each 'O' Ring should be made by stretching it between the fingers, but care must be taken not to exceed the elastic limits of the rubber.
 4. After inspection and prior to installation, lubricate the 'O' Ring, and all the surfaces that it must slide over with a light coat of the LUBRICATION-SUPER "O" LUBE-2G which has already been shipped with your 'O' Ring.
 5. Assembly must be made with care so that the 'O' Ring is properly placed in the groove and not damaged as the housing is closed.

6. During some installations, such as on a piston, it will be necessary to stretch the 'O' Ring as uniformly and as little as possible.
7. Avoid rolling or twisting the 'O' Ring when maneuvering it into place.
8. Keep the position of the 'O' Ring mold line constant.

4 - Kit Contents

QTY	Part(s) Description	Picture(s)
1	'O' RING	
1	'O' RING (Suction)	
1	'O' RING (Feedthru)	
1	LUBRICATION-SUPER "O" LUBE-2G	