




O-RING, SOLENOID ORIFICE

100242.

 <p>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>			
<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 853VDC. 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>

1 - Introduction

O-RING, SOLENOID ORIFICE Removal and Installation Instructions.

This kit contains the two (2) Cooling Valve O-rings and one (1) Plunger Assembly O-ring. Please refer to our Service Manual for details regarding the replacement of the O-rings.

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 website at www.turbocoroem.com. At the bottom of the page there is a Section named "Categories" that includes various menus including one for Manuals.

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









2 - O-RING, SOLENOID ORIFICE Removal Instructions

1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Remove the Service Side Cover.
4. Remove the Solenoid Coil Retaining Nut.
5. Remove the Plunger Assembly.
6. Remove the Orifice Body.
7. Discard the old O-rings.

3 - O-RING, SOLENOID ORIFICE Installation Instructions

1. Install the new O-rings for the Orifice Valve.
2. Install the Orifice Body.
3. Install the Plunger Assembly.
4. Install the Solenoid Coil Retaining Nut.
5. Install the Service Side Cover.
6. Leak test and evacuate compressor in accordance with standard industry practices.
7. Return the compressor to normal operation.

4 - Kit Contents

QTY	Part(s) Description	Picture(s)
1	O-RING - 902075	
1	O-RING - 902076	
1	O-RING - 901864	
1	LUBRICATION-SUPER-O-LUBE-2G	

5 - List of Changes

Revision	Date	Description of Change
M	10/11/2023	Added Super-O-Lube Added O-ring 902076 to the Kit Contents Removed obsoleted kit, 100241, from top of instruction

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