



KIT TOP PLATE ASSEMBLY & O-RING

100314, 100314-2, 100315, 100315-1



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 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>
--	---	---	---

1 - Introduction:

TOP PLATE ASSEMBLY & O-RING replacement.

This kit contains the Motor Cover Plate and O-ring. Please refer to our Service Manual for details regarding the replacement of the Cover Plate.

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



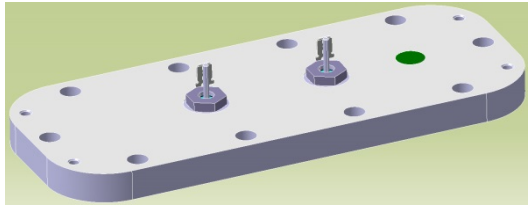
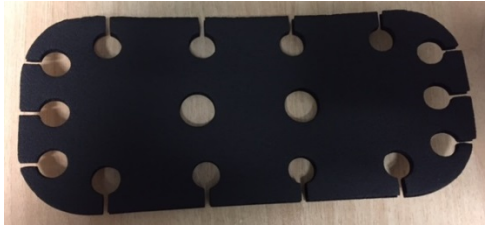
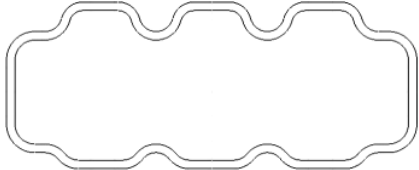

2 - TOP PLATE ASSEMBLY & O-RING Removal Instructions:

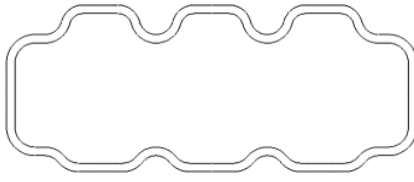

1. Isolate compressor power as described in Section "Electrical Isolation of the Compressor" of the Service Manual (M-SV-001).
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Remove the top covers.
4. Remove the Soft Start.
5. Disconnect the two (2) connectors from the Thermistor Sensor Feedthroughs.
6. Remove the Motor Bus Bars.
7. Remove Motor Cover Plate.

3 - TOP PLATE ASSEMBLY & O-RING Installation Instructions:

1. Clean both mounting surfaces.
2. Inspect and lubricate the new O-ring.
3. Install the O-Ring into the groove of the main housing. 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.
4. Install the Motor Cover Plate.
5. Install the Motor Bus Bars.
6. Connect the two (2) connectors to the Thermistor Sensor Feedthroughs.
7. Install the Soft Start.
8. Install the top covers.
9. Leak test and evacuate compressor in accordance with standard industry practices.
10. Return the compressor to normal operation.

4 - Kit Contents:

Kit	100314, 100314-2	
QTY	Part(s) Description	Picture(s)
1	COVER PLATE ASSEMBLY	
1	Insulation Foam	
1	'O' RING	
1	LUBRICATION-SUPER "O" LUBE-2G Note: Only for 100314-2.	

Kit	100315, 100315-1	
QTY	Part(s) Description	Picture(s)
1	'O' RING	
1	LUBRICATION-SUPER "O" LUBE-2G Note: Only for 100315-1.	

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.