




# KIT BEARING PWM MODULE

100022, 100372

 <b>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.</b>			
Consult the appropriate Danfoss Turbocor Compressors Inc. (DTC) Service Manual on <a href="http://turbocor.danfoss.com">turbocor.danfoss.com</a> for detailed service instructions.	<p><b>Never power compressor without covers in place and secured.</b></p> <p><b>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.</b></p> <p><b>Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</b></p>	Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.  <b>This equipment contains hazardous voltages that can cause serious injury or death.</b>	<p><b>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</b></p>

1 - Introduction:

BEARING PWM MODULE replacement.

This kit contains the PWM Module and the associated hardware. Please refer to our Service Manual for details regarding the replacement of the PWM Module.

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](http://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 - BEARING PWM MODULE Removal Instructions:

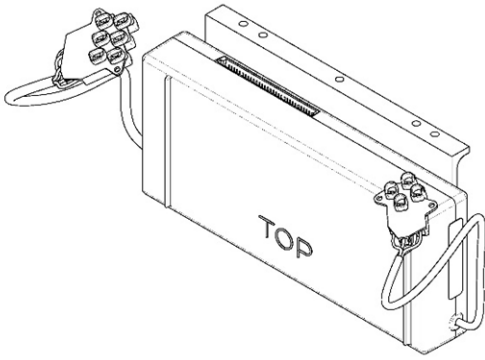

1. Isolate compressor power as described in Section "Electrical Isolation of the Compressor" of the Service Manual (M-SV-001).
2. Remove the Service Side Cover.
3. Remove the Serial Driver.
4. Remove the BMCC.

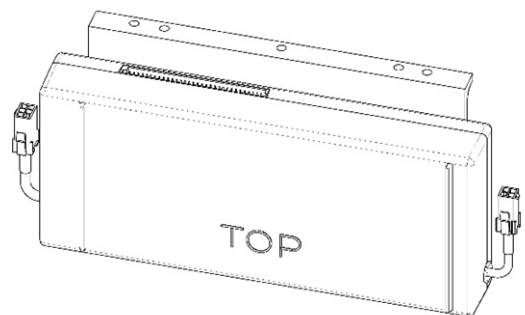

5. Remove the PWM Module.

3 - BEARING PWM MODULE Installation Instructions:

1. Apply heat sink compound on the surface of the heat sink plate which contacts the housing.
2. Install the PWM Module.
3. Install the BMCC.
4. Install the Serial Driver.
5. Install the Service Side Cover.
6. Return the compressor to normal operation.

4 - Kit Contents:

Kit Numbers		Picture(s)
QTY	Part(s) Description	
100022		
1	MODULE - BEARING PWM	
3	M5X10 SOCKET HEAD CAP SCREW	

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