




# KIT CABLE HARNESS INVERTER

100061.

 <p><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></p>			
<p>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>	<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>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p><b>This equipment contains hazardous voltages that can cause serious injury or death.</b></p>	<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:

CABLE HARNESS INVERTER replacement.

This kit contains the Inverter Cable Harness. Please refer to our Service Manual for details regarding the replacement of the harness.

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 - CABLE HARNESS INVERTER 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 top covers.
3. Remove the Service Side Cover.
4. Remove the Soft Start.
5. Remove the Inverter Cable Harness from the Inverter.
6. Verify there are no bent or broken pin connectors.
7. Remove the Inverter Cable Harness from the Backplane J6 connection.
8. Verify there are no bent or broken pin connectors.
9. Remove the ribbon cable ground connection from the backplane fastener.
10. Cut any cable ties securing the Inverter Cable Harness and carefully pull through the compressor housing passage.

3 - CABLE HARNESS INVERTER Installation Instructions:

1. Insert the Inverter Cable Harness through the compressor passage keeping in mind the ground connection end needs to go to the Backplane.
2. Install the Inverter Cable Harness to the Backplane J6 connection.
3. Secure the ground connector of the ribbon cable to the backplane.
4. Install the Inverter Cable Harness on the Inverter.
5. Install the Soft Start.
6. Install the Service Side Cover.
7. Install the top covers.
8. Return the compressor to normal operation.

4 - Kit Contents:

QTY	Part(s) Description	Picture(s)
1	Cable Harness Motor Drive	

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