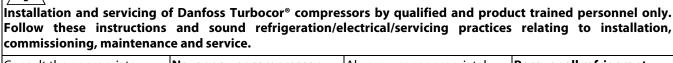


KIT CABLE HARNESS INVERTER

100061.



Consult the appropriate	Never power compressor	Always wear appropriately	Recover all refrigerant
Danfoss Turbocor	without covers in place and	rated safety equipment when	
Compressors Inc. (DTC)	secured.		accordance with local
Service Manual on		-	codes and ensure pressure
turbocor.danfoss.com for	Removing the mains input	energized with high voltage.	is fully vented before the
detailed service instructions.	cover will expose you to a		removal of refrigerant
	voltage hazard of up to 575V.		containing components.
	Ensure the mains input power		
	is off and locked out before removing cover.	can cause serious injury or death.	
	Before removing top cover,		

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. 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.

wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to

discharge.







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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