

END CAP INSULATION

100147

 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.			
Consult the appropriate Danfoss LLC Service Manual on www.turbocoroem.com for detailed service instructions.	Never power compressor without covers in place and secured. Removing covers or opening panels will expose you to hazardous voltages. Ensure the mains input power is off and locked out before removing covers or opening panels. Before removing covers or opening panels, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.	Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage. This equipment contains hazardous voltages that can cause serious injury or death.	Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components. After procedure is complete, follow the appropriate leak test and evacuation process before reintroducing refrigerant.

1 - Introduction

We have included the specific instructions detailing the specific steps required to install the new Snubber Capacitors. For all other steps, please refer to our Service Manual for the remainder of the replacement instructions.

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 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/TG Series Service Manual.

English



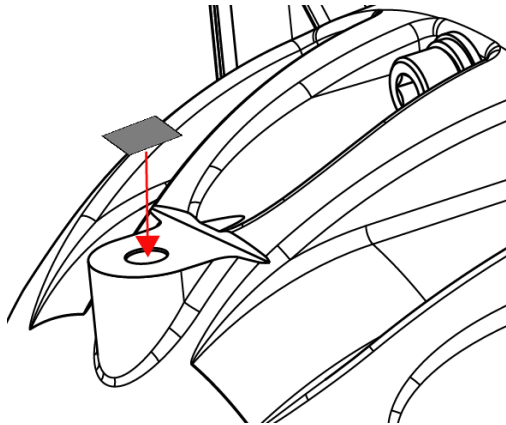
Chinese



2 - End Cap Insulation Installation

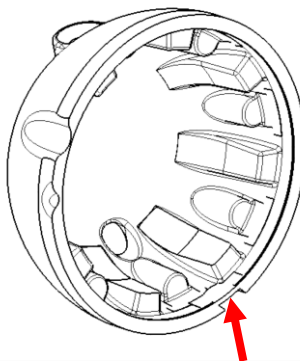
1. Remove the rear eyebolt from the compressor. Protect the threaded hole to prevent silicone sealant from entering during installation. Use something such as tape to cover the threaded hole. Refer to Figure 1 - End Bell Eyebolt.

Figure 1 - End Bell Eyebolt



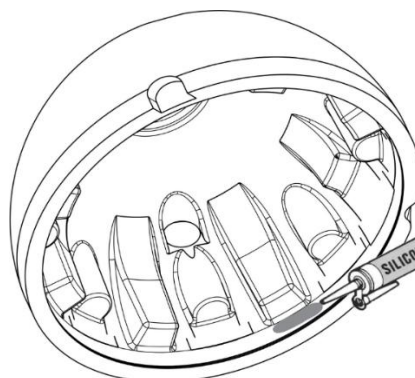
2. If there is a Schrader valve located at the bottom of the End Bell, cut the removable tab of the insulation in order to mount it on the End Bell. Refer to Figure 2 - Insulation Modification.

Figure 2 - Insulation Modification



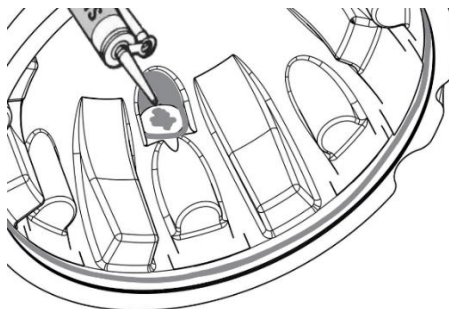
3. Apply silicone sealant to the inner face and perimeter of the end cap insulation using an appropriate dispensing tool. Refer to Figure 3 - Silicone Sealant Application. This should be a continuous bead of silicone sealant sufficient to ensure a complete seal between mating surfaces. A bead thickness of approximately 6 mm (1/4 in.) is recommended.

Figure 3 - Silicone Sealant Application



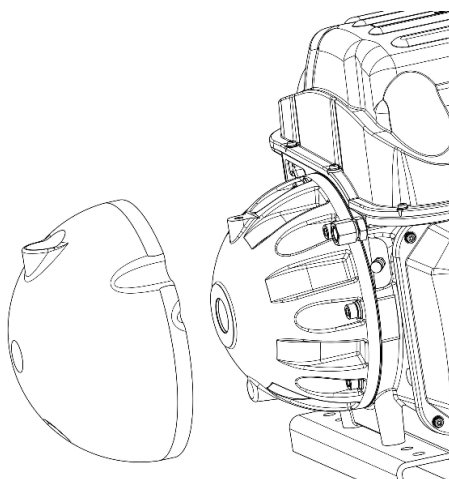
4. Apply silicone sealant to the sealing area around the eyebolt hole. Refer to Figure 4 - Eyebolt Hole Sealing.

Figure 4 - Eyebolt Hole Sealing



5. Install the end cap insulation onto the rear of the compressor. Ensure alignment with the eyebolt location. Refer to Figure 5 – Insulation Install.

Figure 5 – Insulation Install



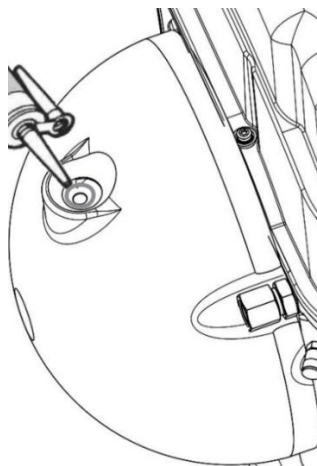
6. If the Schrader valve is located at the bottom of the End Bell, seal the lower hole in the insulation using silicone sealant. Refer to Figure 6 - Lower Hole Sealing.

Figure 6 - Lower Hole Sealing



7. Apply additional silicone sealant around the eyebolt opening to ensure a complete seal, ensuring silicone is not applied inside the threaded portion of the eyebolt hole. Refer to Figure 7 - Eyebolt Opening Sealant Application.

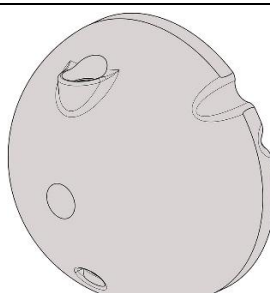
Figure 7 - Eyebolt Opening Sealant Application



8. Reinstall the rear eyebolt and tighten securely.
9. Remove any excess silicone sealant from the perimeter of the insulation.

3 - Kit Contents

Note: Any part numbers included in the kit contents are internal part numbers only. Please refer to our Spare Parts Manuals for any kit part numbers.

Kit number: 100147		
QTY	Part(s) Description	Picture(s)
1	INSULATION COVER – END BELL – 711471	

4 - List of Changes

Revision	Date	Description of Change
K	9/25/2026	Updated formatting and images

Danfoss LLC can accept no responsibility for possible errors in catalogues, brochures, and other printed material. Danfoss LLC 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.