

Bulletin | Danfoss TurboCor Compressors

Customer Notification

B-CN-62-EN Rev A**2/13/2017****SUBJECT:** Hardware Changes on TT and TG Series Compressors – Phase 1

Purpose

This bulletin is to notify all customers that the hardware (screws/bolts/washers) used on TT and TG series compressors are being updated for new compressor models manufactured in 2017. The hardware is being changed because in some environmental conditions, corrosion can form on the hardware which gives a negative impression of product quality. In general, there is no functional impact as a result of the corrosion but there is an impact on the aesthetics.

All new TurboCor compressor models and affected Spare Part Kits will be updated to use Stainless Steel in areas where they may be exposed to condensation or external environmental conditions. The hardware changeover will be done in two phases. The first phase is expected to occur in the first half of 2017 and the second phase will be in the second half of 2017.

Phase 1 – Changing to Stainless Steel on all hardware which previously had a Dacromet® coating. This includes the hardware used on the following:

- End Cap Assembly (100324-1)
- Economizer Port Cover (not provided as a spare part)
- DC-DC Converter Assembly (100040-3,5,6)
- Buss Bar and Capacitor Assembly (100044, 100044-3,4,5)
- IGV Housing Assembly (100224, 100229)
- IGV Feedthrough (100321-1)
- Topside Cover Plate Assembly (100314-2)
- 9 Pin Hermetic Feedthroughs (100295-1)
- High Power Hermetic Feedthrough (100312-1)
- Motor Inverter Buss Bar Assembly (100313-1)

Phase 2 – Changing all external hardware and hardware which has the potential to be exposed to condensation or external environmental conditions. The changes associated with this phase will be communicated in a separate bulletin closer to the expected implantation date.

Action Required

Customers are not required to take any action as a result of this change in regards to compressor ordering or ordering of spare parts. These changes will be phased in throughout the first half of 2017.

There are no changes to screw head type or changes to the type of tools required to service a TurboCor® compressor as a result of this change. However, due to changes in material properties of the hardware, there are some changes to the required torques when installing these items.

All torque values have been updated in the spare parts instructions and in the service manual. Please reference the latest version of these documents to find the appropriate torque values which can be applied to all spare part kits using either the new hardware or the previous hardware.

Need Assistance

For further questions, please contact product.support@danfoss.com.