

Customer Notification

B-CN-107-EN REV B

3/27/2018

SUBJECT: TT300/TG230 Driver Board Replacement (Resending for Clarification)

Purpose

The purpose of this bulletin is to inform customers that Danfoss Turbocor has established the IGBT Driver Board kit, which is part of the inverter assembly on TT and TG series compressors. **This new kit will be available as a replacement item for our TT300 and TG230 Major Revision "G" Turbocor compressors only.** In August of last year, we introduced the Driver Board Kit for our other TT and TG compressors, Major Revision "F" and earlier (excluding TT300 & TG230 compressors), now this new Driver Board Kit completes the TT/TG compressor coverage for our 613 IGBTs.

NOTE: The Driver Boards in the two kits look the same; however, the boards are programmed differently, and as a result, they are not interchangeable.

For all In-warranty compressors, replacement of the whole Inverter assembly is still necessary. However, for out of warranty compressors, replacement of only the IGBT Driver Board provides a lower cost solution for end users. This is due to improved serviceability allowing a shorter replacement time since the replacement does not require isolating the compressor.

Summary

A new Driver Board Kit has been exclusively created for Danfoss Turbocor TT300 and TG230 Series compressors only. Detailed instructions are included with this kit to aid in the replacement of the IGBT Driver Board.

Action Required

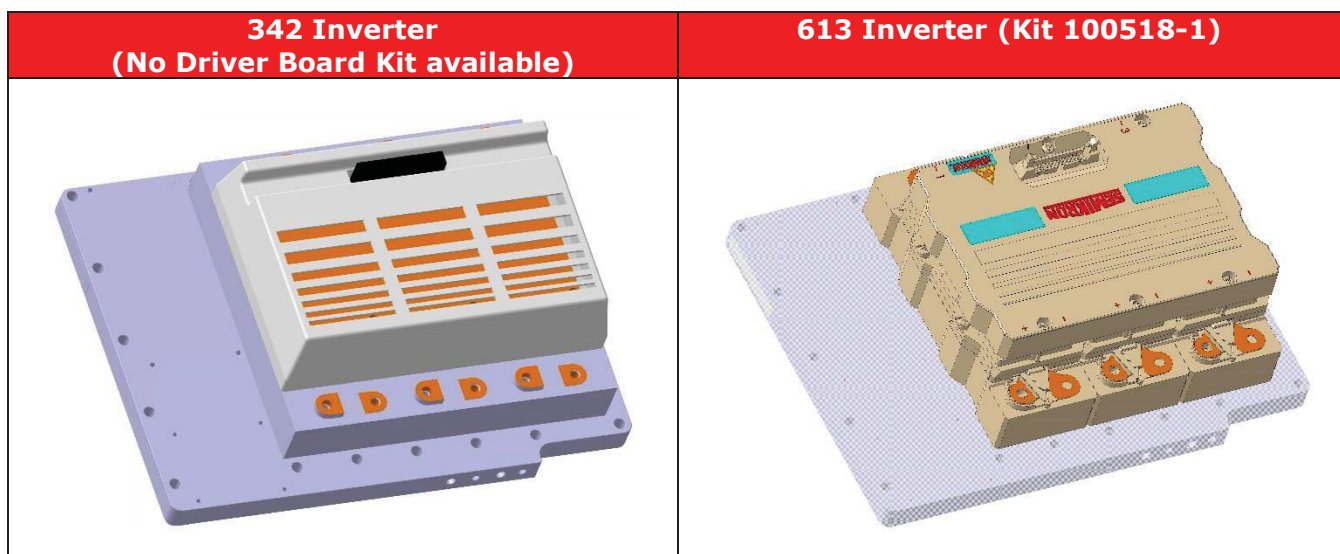
The IGBT Driver Boards for the TT300 and TG230 Major Revision "G" compressors are available as a spare part replacement kit from Danfoss Turbocor. This IGBT Driver Board kit is only available for TT300 and TG230 compressor models containing the 613 Inverter. **The spare part kit for the driver board is part number 100518-1.**

Reference the table below and/or the latest version of the Spare Parts Manual for the TT and TG series which details the applicable models.

Description	Part Number	Major Revision	Comments
Kit – IGBT 613 Driver Board, TT300/TG230	100518-1	-G (or conversion kit must have been applied)	Inverter must be a 613 model
Refer to Customer Notification B-CN-071-EN Rev B for a driver board replacement for all other TT/TG compressors.			

Refer to the examples below in order to determine if the compressor contains the 613 Inverter.

NOTE: There is no Driver Board Kit available for the 342 Inverter.



Need Assistance

For more information, please contact your designated Key Account Manager or for further technical questions, please contact product.support@danfoss.com.