

# Customer Notification

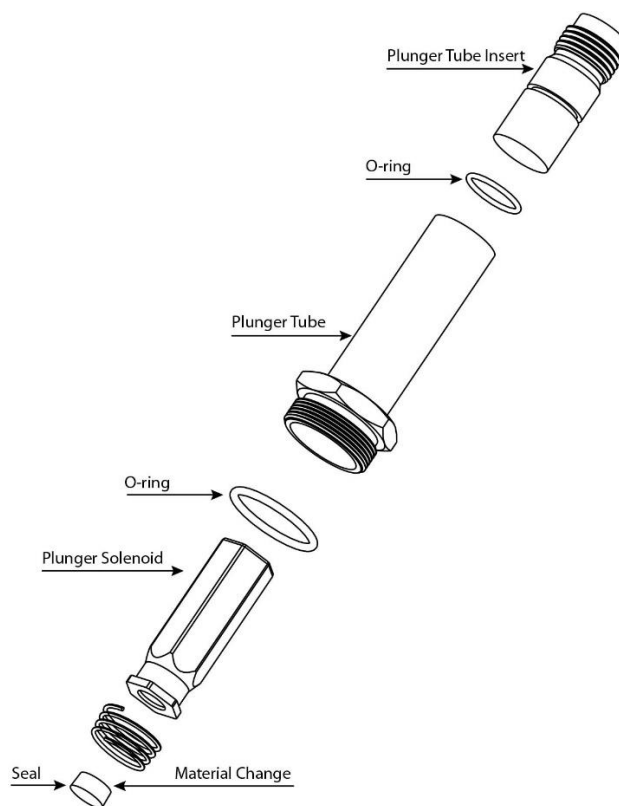
B-CN-264-EN REV A

2/24/2022

**SUBJECT: Plunger Update**

## Purpose

The purpose of this bulletin is to inform our customers that we have changed the material of the seal located in our plungers. This will impact new compressors as well as our spare part kits. Refer to Figure 1 below for the location of the seal.



**Figure 1 - Plunger Assembly Seal Location**

We have changed this seal so it can be more tolerant to refrigerant contamination by oil. Even though this seal has been changed, we still ask that our customers ensure that the system is oil-free prior to compressor operation.

We anticipate the plunger assembly with the new seal to go into production on March 1, 2022 in our Tallahassee factory. The new plunger assembly is currently in transit to China, and when received, will be placed into production in our Haiyan factory. We anticipate this to go into production in Haiyan on March 14, 2022.

The plunger with the new seal will have a blue mark on the back of it (current production is green and original production had no marks). Refer to Figure 2 for the location of the color mark.



**Figure 2 - Plunger Color Mark**

This new seal is fully compatible with the following refrigerants:

- R134a
- R513A
- R1234ze
- R515B

### **Summary**

Beginning March 1, 2022, we plan to phase in the new plunger assembly to both production and to spare part kits in our Tallahassee factory. The new plunger assemblies should go into production in Haiyan on March 14, 2022.

Spare part kits containing the plungers with the new seal have been given new part numbers to avoid any confusion. When ordering plunger kits after the implementation dates shown above, please use the new kit part numbers. Refer to the **Action Required** section below for the new part numbers.



**Action Required**

For your convenience, the cross reference from the old to new kit part numbers are listed below.

You can also download the updated TTS/TGS/TTH/TGH Spare Parts Guide Rev. F.6 located on our website.

Obsolete Kits		New Kits
Part Number	Description	Part Number
100235	Plunger Assembly Solenoid	100280
100150-6	Cooling Valve Assembly	100281-1
100150-8		100281-2
100150-9		100281-3
100150-10		100281-4
100150-11		100281-5

**Need Assistance**

For more information, please contact your Key Account Manager or our Product Support group at [turbocor.ps.na@danfoss.com](mailto:turbocor.ps.na@danfoss.com).