

KIT HOUSING SECOND STAGE

100706-1 & 100706-3

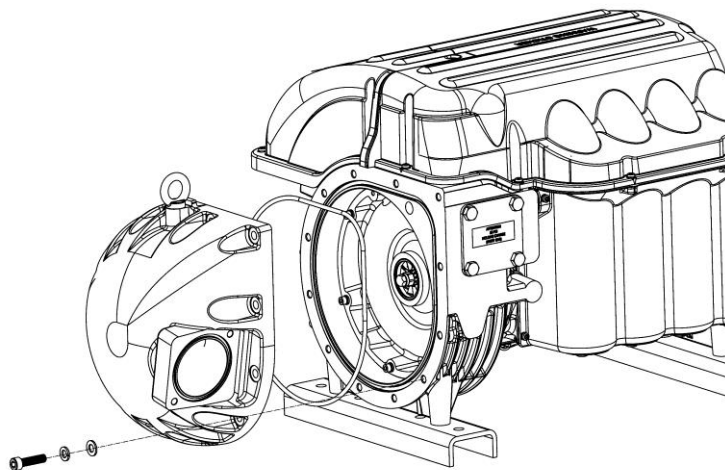


Installation and servicing of Danfoss Turbocor® compressors by qualified and product trained personnel only. Follow these instructions and sound refrigeration/electrical/servicing practices relating to installation, commissioning, maintenance and service.

<p>Consult the appropriate Danfoss Turbocor Compressors Inc. (DTC) Service Manual on www.turbocoroem.com for detailed service instructions.</p>	<p>Never power compressor without covers in place and secured.</p> <p>Removing the mains input cover will expose you to a voltage hazard of up to 575V. Ensure the mains input power is off and locked out before removing cover.</p> <p>Before removing top cover, wait at least 20 minutes after isolating AC power to allow the high voltage capacitors to discharge.</p>	<p>Always wear appropriately rated safety equipment when working around equipment and/or components energized with high voltage.</p> <p>This equipment contains hazardous voltages that can cause serious injury or death.</p>	<p>Recover all refrigerant from compressor in accordance with local codes and ensure pressure is fully vented before the removal of refrigerant containing components.</p>
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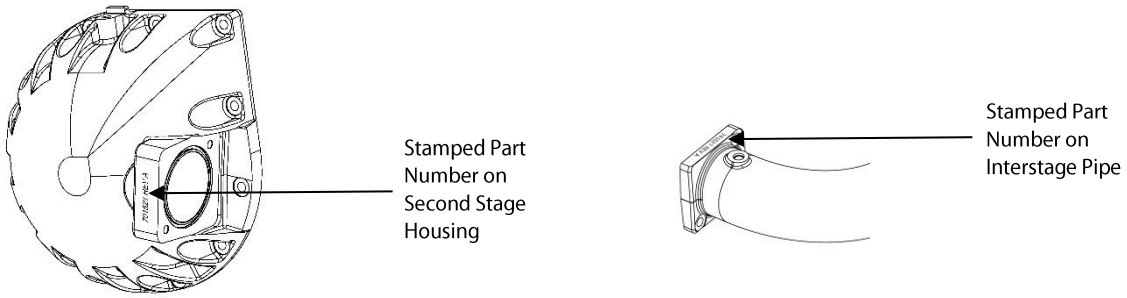
1 - Introduction:

HOUSING SECOND STAGE Removal and installation.



This kit contains the Second Stage Housing as well as the required O-rings and fasteners for installation. Prior to recovering the refrigerant and removing the Second Stage Housing, verify the number stamped on the Second Stage Housing being replaced matches the stamping on the new one. If the part number on the Second Stage Housing is not visible, verify the

Interstage Pipe part number. If the Interstage Pipe part number is 741627, then kits **100703-3** and **100706-3** need to be purchased. If the Second Stage part number is 741629, then purchase kit **100706-3**.



Note: Do not replace this housing unless the numbers on the old and new Second Stage Housing match!

Please refer to our Service Manual for details regarding the replacement of the housing.

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.

English



Chinese



2 - HOUSING SECOND STAGE Removal Instructions:

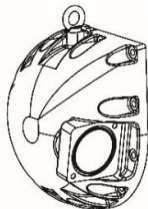
1. Isolate compressor power.
2. Isolate the compressor and recover the refrigerant according to industry standards.
3. Remove the Interstage Pipe.
4. Remove the Second Stage Housing.
5. Discard the old O-rings and fasteners.











3 - HOUSING SECOND STAGE Installation Instructions:

1. Install the new Second Stage Housing, O-ring, and fasteners.
2. Install the Interstage Pipe with new O-rings and fasteners.
3. Leak test and evacuate compressor in accordance with standard industry practices.
4. Return the compressor to normal operation.

4 - 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.

QTY	Part(s) Description	Picture(s)
1	HOUSING - 2ND STAGE SUCTION	

1	O-RING, Housing Extension – 901857	
1	O-RING – Housing Extension/Interstage Pipe – 902914	
1	O-RING, – Second Stage Suction Housing/Interstage Pipe – 902915	
1	O-RING – Economizer – 901852	
16	SCREW M10X40, SOCKET HEAD CAP – 902847	
2	SCREW M10X30 SOCKET HEAD CAP – 902846	
18	WASHER M10 FLAT – 902836	
18	WASHER M10 SPLIT LOCK – 902839	
1	EYE BOLT M10X17 (INSTALLED)	
2	LUBRICATION-SUPER-O-LUBE-2G	

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