

APPENDIX A

Starting December 2010 changes have been implemented for the High Speed Thrust Bearing Assemblies used on the following compressors.

- K3 - YDHL-95
- K4 - YDHL-106
- J7 / K7 - YDHJ-119

IDENTIFYING COMPRESSORS UTILIZING UPDATED HIGH SPEED THRUST BEARINGS

Compressors manufactured with or updated to the new Thrust Bearing Assembly can be identified by a partially drilled 1/4" hole at 9 o'clock position on the outboard face of the Reverse High Speed Thrust Cover plate (see FIGURE 87 for additional details).

K3 AND K4 COMPRESSORS

The new Thrust Bearings for these models are not direct replacements for compressors manufactured using the legacy design bearings. Updating a K3 or K4 compressor to utilize the new thrust bearing design requires replacing both the forward and reverse thrust bearings, the thrust collar and installing a new rear high speed journal bearing.

To facilitate this modification a field replacement kit has been created for retrofitting the K3 and K4 compressors. The part number for this kit is 364-53001-000. The kit is supplied with all hardware needed to complete this replacement along with installation instructions and O-rings. Loctite 243 (part # 013-03375-000) used for securing bearing fasteners is not included with kit.

Individual Part Numbers for New Style K3 and K4 High Speed Thrust Bearings

The updated high speed thrust bearings part numbers used with the K3 and K4 compressors are listed below.

ITEM	Original Part Number	New Part Number
HS Forward Thrust Brg	029-25063-000	029-25837-001
HS Thrust Collar	064-51780-000	064-52718-000
HS Reverse Thrust Brg	029-25062-000	029-24758-002

ITEM	Original Part Number	New Part Number
Rear HS Journal Brg	064-51781-000	064-52719-000
Reverse Thrust Brg Cover O-ring	028-12258-000	
Internal O-rings for Reverse Thrust Brg Cover (qty 3)	028-12513-000	
Small Pipe Plugs used w/ Reverse Thrust Brg (qty 3)	023-24908 000	
O-rings for Small Pipe Plugs used w/ Reverse Thrust Brg (qty 3)	028-15846-000	
O-ring for Proximity Probe	028-12961-021	

J7/K7 COMPRESSORS

The new high speed thrust bearing design for this model compressor is a direct replacement. When replacing thrust bearings for this compressor order the part numbers listed below:

ITEM	Original Part Number	New Part Number
HS Forward Thrust Brg	029-24759-000	029-24759-001
HS Thrust Collar	064-51493-000	
HS Reverse Thrust Brg	029-24758-000	029-24758-002
Reverse Thrust Brg Cover O-ring	028-12258-000	
Internal O-rings for Reverse Thrust Brg Cover (qty 3)	028-12513-000	
Small Pipe Plugs used w/ Reverse Thrust Brg (qty 3)	023-24908 000	