

## Engineering Bulletin 8-2008

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Subject: Important Design Modification Alert for Betts' Hydraulic Valves

Internal and External Chemical Hydraulic Valves produced since approximately April 01, 2006 utilize a Bearing Ring (75455TF) as an essential part of the design. This bulletin shows how to correctly assemble the hydraulic seal system. **If Seal Retainer (75162SS) has provision for the Bearing Ring (75455TF) and the Bearing Ring is not installed, the Hydraulic Seal (75207SSTF) will FAIL under pressure.**

The Bearing Ring helps guide the piston and serves as a back-up to the Hydraulic Seal. If the valve being rebuilt is of a previous version which does not have the provision for the Bearing Ring, it is recommended to upgrade to the new style of Seal Retainer (75162SS or 75190SL) to allow for this bearing ring to be installed. If the Seal Retainer has provision for the Bearing Ring, the Bearing Ring must be inserted as shown in the views below. See the appropriate maintenance manuals for additional information.

