

**PERMCO HYDRAULIC/PNEUMATIC PRODUCTS**  
**Engineering Bulletin**

1500 Frost Rd  
Post Office Box 2068  
Streetsboro, Ohio 44241  
Phone: (330) 626-2801  
Fax: (330) 626-2805

TO: All Sales, Pump Assembly  
Cc: Manufacturing DATE: 01-01-2020

**Subject**

We have made a product development change to our EVO PT7B port plates utilized in cartridge kits for all PT7B, PT7BS, PT7BB, PT7BBS, PT67GB, PT67GGB and all related PT7B cartridge kit assemblies.

Detailed reason for development change was clearance interference with shaft hub when cartridge kits installed in "67GB" and "7GB" series assemblies.

This running production change will not affect any related components such as cam rings, seal kit, dowel pins as this is just a simple machining change to address shaft hub clearance interference issues related to "GB" series assemblies.

Current inventory you have on your shelf can continue to be utilized in all "7B" assemblies with exception to the "GB" series where shaft hub clearance issues can occur.

We will continue to utilize the same model number structure for all related "7B" cartridge kit assemblies as this will not change.

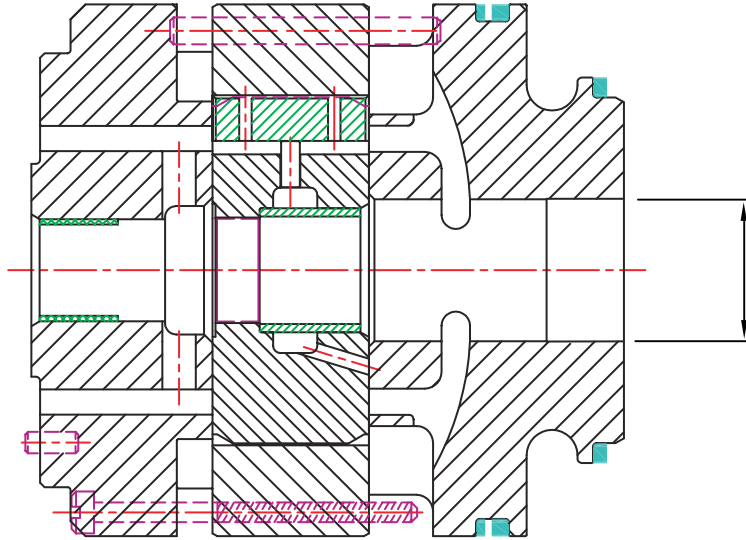
Thanks

Permco Product Development Division

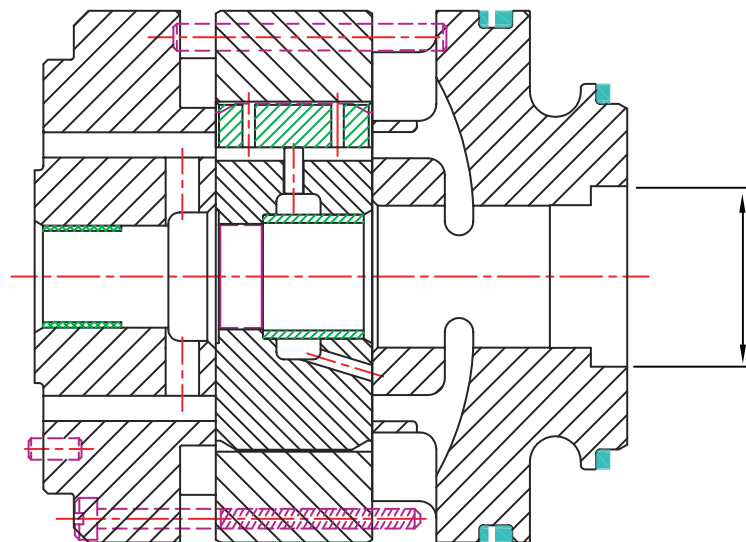


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OLD DESIGN



NEW DESIGN



INCREASED OPENING AND  
DEPTH DIMENSIONS  
PROVIDING INCREASED  
SHAFT HUB CLEARANCE