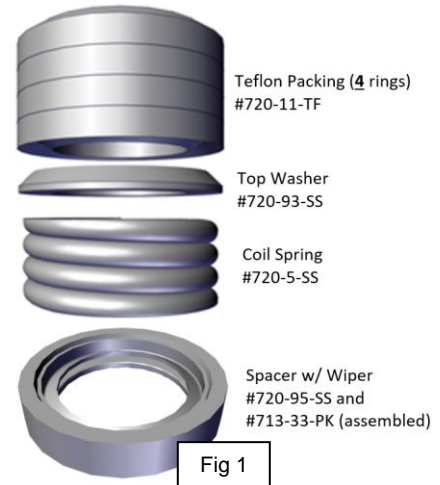


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Rebuilding Midland A-720 Series 2" Angle Valves Using Older Rebuild Kits with Supplemental Midland Kits K-720-100, K-721B-100, K-724-100

Scope: As of June 21, 2018 all Midland 2" Angle Valve Kits are supplied with the necessary components to rebuild the valve stem packing arrangement as directed by AAR Circular CPC-1335. The angle valve packing arrangement to make the Midland valve compliant is shown here in Figure 1.

Rebuilding the valves using Midland kits produced prior to this date will require the use of components found in our supplemental kits K-720-100, K-721B-100, K-724-100 along with older kit components. However, when combining an older kit with a supplemental kit, not all of the parts will be used. **This bulletin is intended to clarify the packing rebuild for these instances.**



Recommended Actions:

1. If your older kits contains the #713-17-IN Wave Spring (Fig 2), discard this spring. The suitable supplemental kit will include the #720-5-SS Coil Spring (Fig 3) as a replacement
2. From your older kit, discard the bottom washer #720-91-SS (Fig 4) The Supplemental kits includes the Spacer/Wiper Assembly (#720-95-SS/713-33-PK) (Fig 5) which will replace the bottom washer.
3. The older Midland kit includes a pre-packed 5-ring Teflon Packing assembly (Fig 6). Unpackage this and discard one of the five packing rings (Fig 7). **All valve rebuilds must be done with 4 rings.**
4. Follow the instructions provided in the most current revision of the A-720/A-721/A-721B/A-724 2" Angle Valve IOM, Section 7.2 to correctly reassemble the valve stem and packing for the required rebuild.
5. Finally, don't forget to apply the 720-21-CS-G (carbon steel) or 720-21-SS-G (stainless steel) gold-colored locknut (Fig 8) included with supplemental kits when completing the valve assembly. Existing silver-colored locknuts or those included in older kits can be discarded.

