

TECHNICAL SERVICE BULLETIN (TSB) 20180525-02
Issued: May 25, 2018



Important Notice: Design of the A-720/A-721/A-721-B/A-724 Angle Valves has been updated

NOTICE

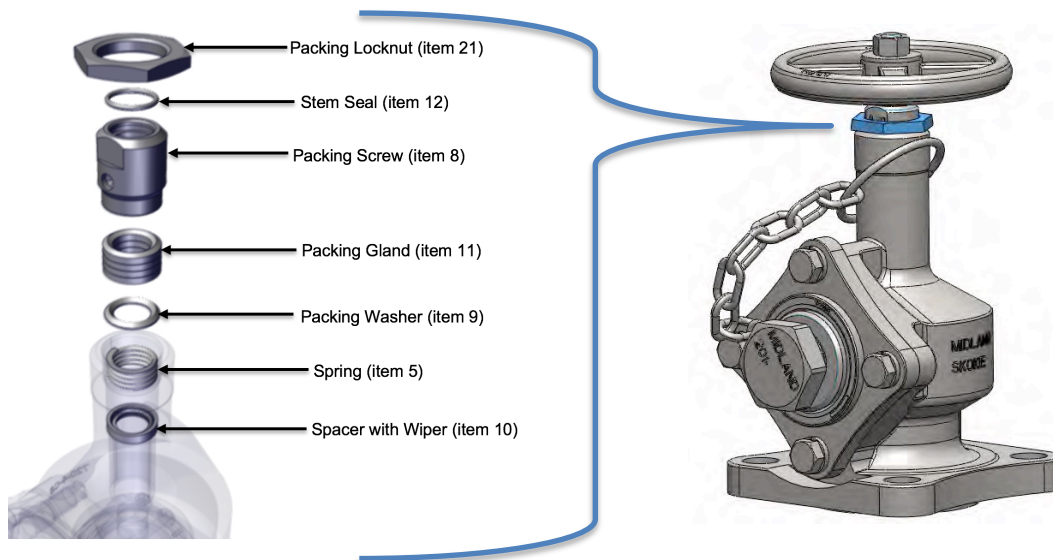
Scope: This TSB (1) alerts tank car builders, owners/lessees of tank cars, and repair shops that the valve packing on these valves has changed and has been updated and (2) provides guidance on how to update the valve packing to the latest design. Please read this TSB and contact Midland if you have any questions or require further assistance.

Background: Midland recently updated the design of the A-72X family of valves to enhance the design and prevent unintended rotation of the hand wheel and valve stem that was reported to us by our customers where, after the valve was fully closed on some of these valves, the hand wheel and valve stem immediately rotated counterclockwise.

Recommended Actions: 1) On the next service interval or sooner, update the packing assembly with the free **update** service kit provided by Midland MFG. Please follow these operating procedures immediately:

1. **Procure the update kit:** K-721-B-100 for A-721-B valves; K-720-100 for A-720/721 valves; K-724-100 for A-724 Valves. All necessary components to update the packing on these valves will be included in the service kits.
2. **Install the update kit:** The K-720-100/K-724-100 kits will consist of a spacer with wiper that sits below the packing glands and a gold-colored packing locknut. The gold-colored nut will visually identify valves that have been updated with the latest design.

The K-721-B-100 kits will consist of a spacer with wiper that sits below the packing glands, a coil spring and a gold-colored packing locknut. The coil spring will replace the wave spring. The gold-colored packing locknut will visually identify valves that have been updated with the latest design.



3. **Midland recommends replacing the soft goods at time of requalification.**
4. **Future Inspection & Maintenance:** Good operating practice requires periodic inspection and adjustment of the valve packing to ensure that the valve is functioning properly. Please refer to the A-720/A-724 IOM for further details.

The bulletin is based on extensive testing and performance experience and is the most current information available. Midland reserves the right to make changes in specifications and other information contained in this document without prior notice. The user should in all cases consult Midland to determine whether any such changes have been made.