

## HUB REDESIGNS FOR LEVER-OPERATED DUMP VALVES AND TRUNNIONS

This product notice is to inform you about a new hub connection available for Lever-Operated Dump Valves and Trunnions.

In this new design, we have added a second flat in the hub connection to the shaft, and significantly increased the hub thickness to reduce the potential for wearing. We also tightened the tolerances in the link and link pin connections. All these improvements give this hub design a tighter fit and less rotational play than both the D-shaped hub connection AND the original keyway design.

This solution for the 2" valve is currently in production and will be available in February 2021. Similar changes to the 3", 4" and 6" will be released later in 2021.

If you or your customers are currently having issues with rotational play in your trunnion or dump valve, or if you want to proactively replace the hubs and shafts in your existing stock, we would like to send you replacement components free of charge. If you have existing stock of replaced components, please dispose of them.

To request this, please call Kimray Customer Service at (405) 525-4298 and have the serial numbers for your affected valves ready.

For a full list of the affected serial number ranges and components needed for replacement, you can consult the list below.



**ORIGINAL HUB (KEYWAY)**  
Prior to 10/2017



**D-SHAPED HUB**  
10/2017 - 12/2020  
Potential for rotational play  
Replace as needed



**NEW HUB DESIGN**  
02/2021 (estimated date)  
Reduced rotational play  
Easy disassembly and repair

### COMPONENTS NEEDED FOR REPLACEMENTS FOR TRUNNIONS

**S/N 2172910000 - 2191129999      S/N 2191130000 - 2191509999**

|                                    |                                    |
|------------------------------------|------------------------------------|
| 7599 Float Arm Hub (replaces 7454) | 7599 Float Arm Hub (replaces 7454) |
| 7606 Shaft (replaces 7427)         | 7606 Shaft (replaces 7427)         |
| 7602 Lever Hub (replaces 7431)     |                                    |
| 7608 Set Screw                     |                                    |

### COMPONENTS NEEDED FOR REPLACEMENTS FOR LEVER-OPERATED DUMP VALVES

**2" (S/N 2173010000 - 2191129999)    3" (S/N 2172870000 - 2191129999)    4" (S/N 2173060000 - 2191129999)    6" (S/N 2173210000 - 2191129999)**

|                                |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 7600 Lever Hub (replaces 7406) | 7601 Lever Hub (replaces 7410) | 7602 Lever Hub (replaces 7431) | 7603 Lever Hub (replaces 7456) |
| 7608 Set Screw                 | 7608 Set Screw                 | 7608 Set Screw                 | 7608 Set Screw                 |

After release of new hub (est. 2021-02-20):

|                            |
|----------------------------|
| 7609 Shaft (replaces 7404) |
| 7613 Hub (replaces 7403)   |

For a full recap of the changes to the Lever-Operated Dump Valves and Trunnions, visit our blog:  
<https://kimray.com/training/hub-redesigns-dump-valves-trunnions>

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