



Technical Bulletin

June 8, 2012

Working instruction for the retrofit of standard small valve

Product:	Standard Bambi Bucket
Applicability:	6072, 8096, 1012, 1214, 1518, 1821
Operation:	Working Instruction for the retrofit of the standard small valves
Overview:	<p>A motion study of the valve movement during a dump cycle demonstrated that the end of the valve seal did not always “flip” back to the normal closed position consistently. This characteristic may impact the ability for the valve to achieve a tight seal after each dump cycle.</p> <p>The modification outlined here significantly improves the motion to achieve a tight seal on the medium series valve after each cycle.</p>

Procedure for modifications:

1. Remove the last purse strings on both ends of the valve opening.
2. Bolt the end of the valve opening together through the grommets used for the last purse string, with one of ¼”-20 x 1”LG S.S. bolts (NAV#:000370, SBT#: FBSC010410), one of ¼”-20 S.S. Nylock nut (NAV#: 001662, SBT#: FNCS0204), two of ¼” S.S. washers (NAV#: 001834, SBT#: FWS0104H), as shown on the photos below. Bolt both ends of the opening. This will ensure that the corners of valve opening can be flipped back properly.



3. Tie the purse strings with green marks on the first set of the grommets from each end. The purse strings with green marks are marked at factory with the length of 3” shorter than regular length. This is an extra step to ensure the corner of the opening flips back properly.
4. Tie the purse strings with the black marks on the rest of the grommets. The purse strings with black mark are marked at factory with the regular length.