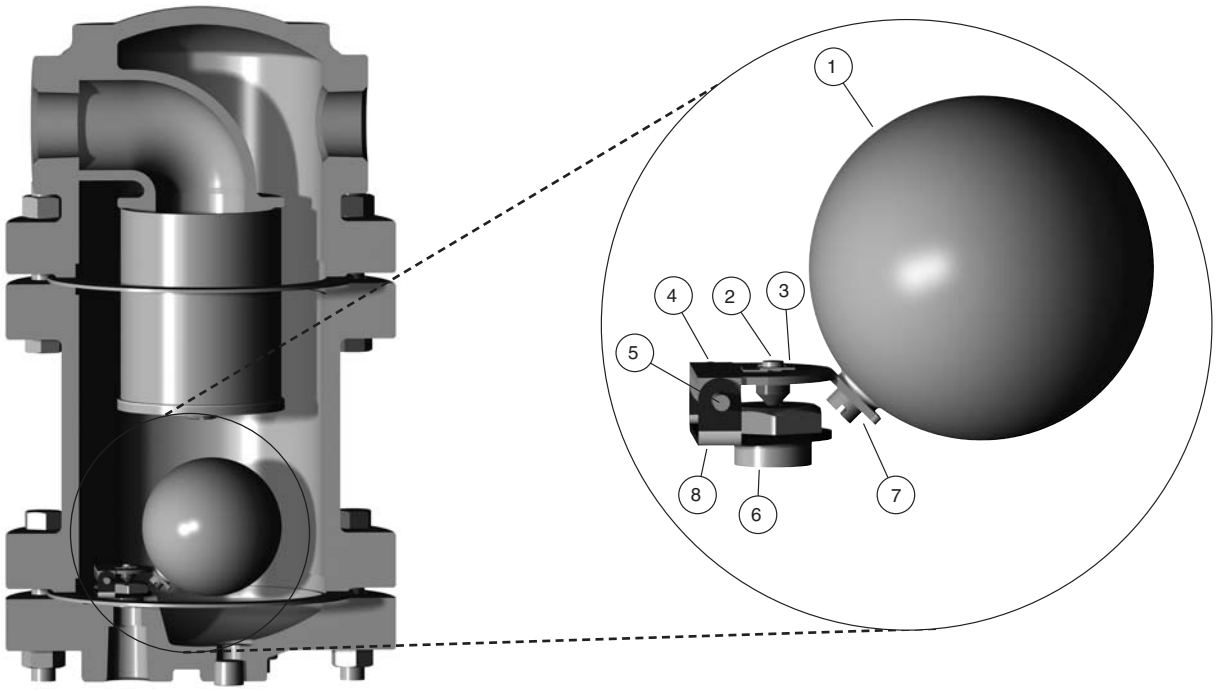
Installation Instructions for Type SA Separator with Float Trap



Follow your company's safety procedures whenever working on Kadant Johnson products. Read all of the instructions before proceeding with installation or repair.

Please refer to the Kadant Johnson assembly drawing for part identification. Assembly drawings are available on request from Kadant Johnson.

Lubricate all fasteners with anti-seize compound. Tighten all fasteners in a star pattern. Torque specifications are listed on the product assembly drawing and are available from Kadant Johnson.

When installing the float and valve mechanism (Kadant Johnson Part GS-162) in a Type SA Separator, it is necessary to make an adjustment in order to assure that the valve properly drops into the seat as the float closes. The following is the assembly procedure:

STEP 1.
Attach valve seat (6) and valve lever clip (8) to the separator cap casting making sure the clip is perpendicularly aligned.

STEP 2.
To the valve lever clip attach valve and lever assembly (4) using pin (5). Be careful not to force the valve into the seat as it may cause irreparable damage.

STEP 3.
Next look closely to see that the valve is centered in the seat as the hinge closes. If valve lever (8) does not allow this to occur, then perform the following:

STEP 4.
Remove lever pin (5). Using small hammer tap on the lever ears of part (8) which will bend them enough to provide the necessary alignment for the valve. Then reattach the valve lever assembly to check for proper match of the valve and seat.

STEP 5.
If the valve is setting in the seat satisfactorily, then lightly tap on top of valve (2) and valve retainer (3). This will break any burrs on the seat orifice which might be present from manufacturing that could cause a leak.

STEP 6.
Next attach float (1) to valve lever (4) with screw (7).

This completes the adjustment.

Dimensions are for reference only and subject to change. Certified drawings are available on request. Please refer to Kadant Johnson Drawing Number A37640 for torque specifications.

The Kadant Johnson Warranty

Kadant Johnson products are built to a high standard of quality. Performance is what you desire: that is what we provide. Kadant Johnson products are warranted against defects in materials and workmanship for a period of one year after date of shipment. It is expressly understood and agreed that the limit of Kadant Johnson's liability shall, at Kadant Johnson's sole option, be the repair or resupply of a like quantity of non-defective product.

KADANT
AN ACCENT ON INNOVATION
www.kadant.com

© 2009 Kadant Johnson Inc.