

Special Notice

It has come to the attention of the USC Foundation that modifications have been made to the guiding surfaces of the check valves, which may be installed in the following Wilkins backflow prevention assemblies:

Double Check Valve Assemblies (DC)

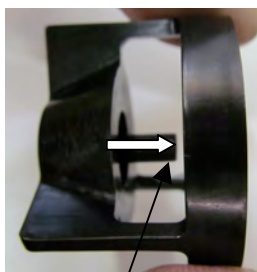
Model 350 3/4"

Model 350XL 3/4"

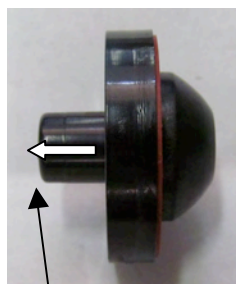
13-001

18 December 2013

The subject check valve is illustrated below:



Guide
lengthened
~0.030"

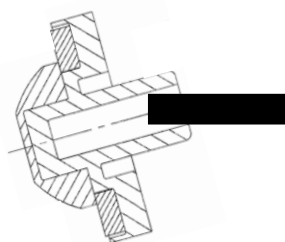


Guide
lengthened
~0.030"

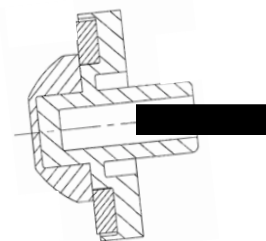


Flats added to
guide bore

The original approved check valve contains shorter guide surfaces, so the poppet guide stem has more room to move side to side. Under some conditions the poppet may be biased to one side, causing low (i.e., readings below 1.0 psi) check valve field test readings, or the poppet to be held open. (Note: The illustrations below are exaggerated to show the added movement of the poppet.)



Original



Modified

The check valves with the longer guiding surfaces have been evaluated by the Foundation, found to function acceptably and are approved. The original check valves are still approved, as well. Should you have an assembly affected by this situation, please contact Wilkins for Foundation approved modified replacement components.