

PVB

3/4" - 2"



American Backflow
Products Company

FLOMATIC

Modification Overview

Production for the $\frac{3}{4}$ " – 1" PVB began in 1995 and was discontinued in 2012.

The body of the $\frac{3}{4}$ " – 1" PVB was modified in July of 2005. A spring clip was added under the float assembly for serial numbers P0001 or larger.

$1\frac{1}{2}$ " and 2" sizes were added in 2008. (*Refer to the Wilkins 720A*)

Bonnet Removal

The bonnet is threaded into the body and sealed by an o-ring.

Unscrew the bonnet counter clockwise.

There is no spring load.



Float Removal and Service

The float and float spring are free once the bonnet has been removed.

Replace the rubber seal by pulling it from the groove on the float.



Check Valve Removal

The spring clip must be removed on versions made after July 2005.

Pinch the ends of the spring clip together and pull out of the body.

** Note: Use pliers if necessary.



Check Valve Removal

The check valve is a module.

The check valve is threaded into the body and sealed by an o-ring.

* * Note: A special tool is needed to remove the check module.



Check Valve Disassembly

The check module is
spring loaded.

Hold the check firmly
while removing the
retaining screw.



Check Disc Replacement

Replace the rubber disc by pulling it from the groove on the poppet.



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Check Seat Replacement

The check seat is free once the module is disassembled.

If the seat is damaged, the check module must be replaced.



Reassembly Notes

Reassemble in reverse order.

Make sure the bonnet spring is in place.

Make sure the guide stem is inserted into the center of the float.



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