

# PVB

3/4" - 1"



**FLOMATIC** VALVES

*Danfoss*

# *Modification Overview*

- The body of the PVB was modified in July of 2005. A spring clip was added under the float assembly for serial numbers P0001 or larger.

# Canopy Removal

- The canopy is secured by two screws.



# 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

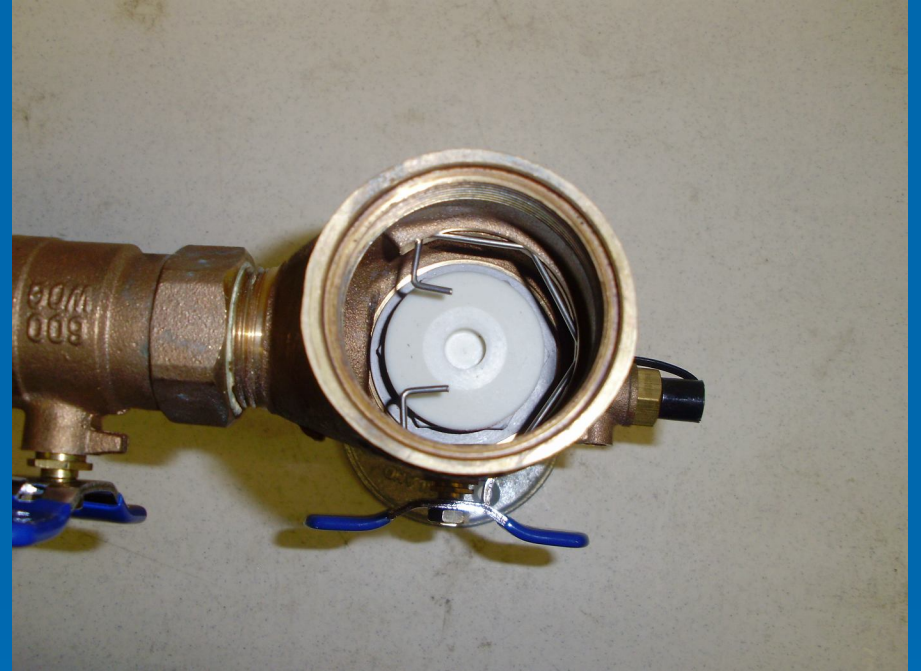
- The float and float spring are free once the bonnet has been removed.
- Replace the rubber seal by pulling it from the groove on the float.



# 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

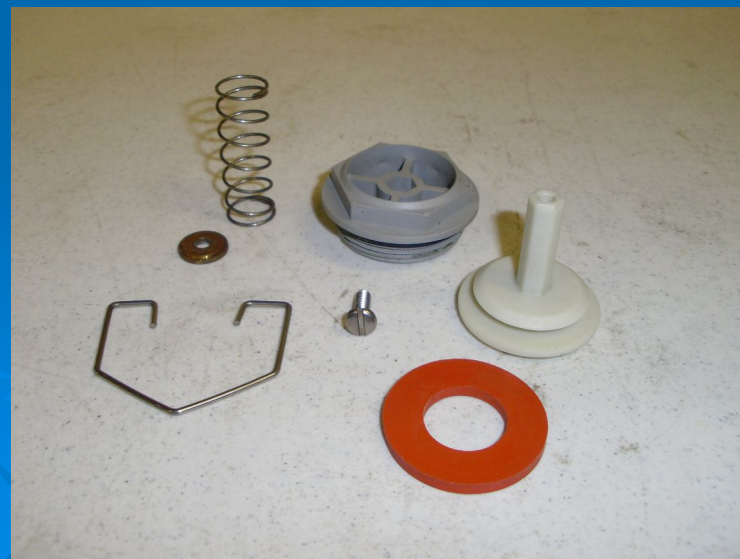
- The check valve is a module.
  - The check valve is threaded into the body and sealed by an o-ring.
- \* \* Note: A special tool is needed to remove the check module.





# Check Valve Disassembly

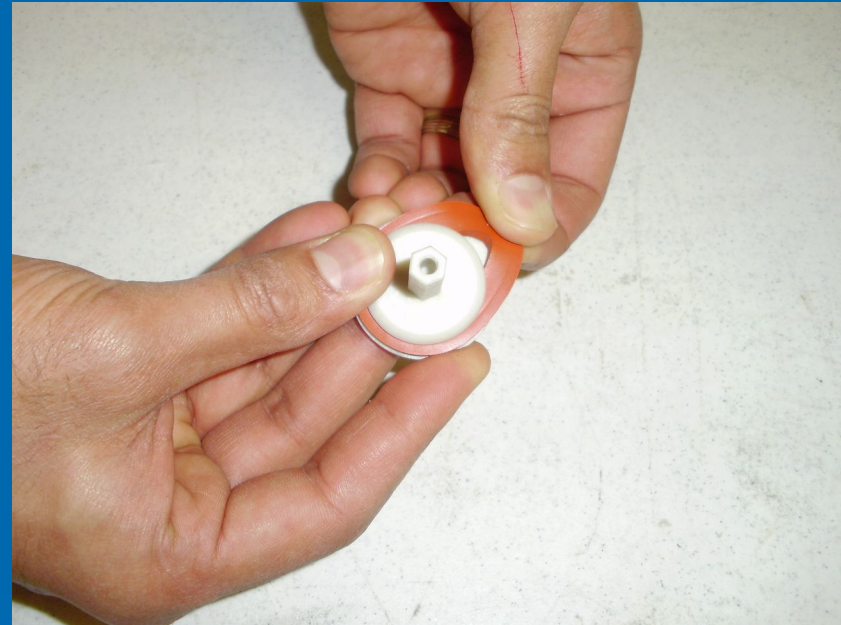
- The check module is spring loaded.
- Hold the check firmly while removing the retaining screw.





# Check Disc Replacement

- Replace the rubber disc by pulling it from the groove on the float.



# 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.

