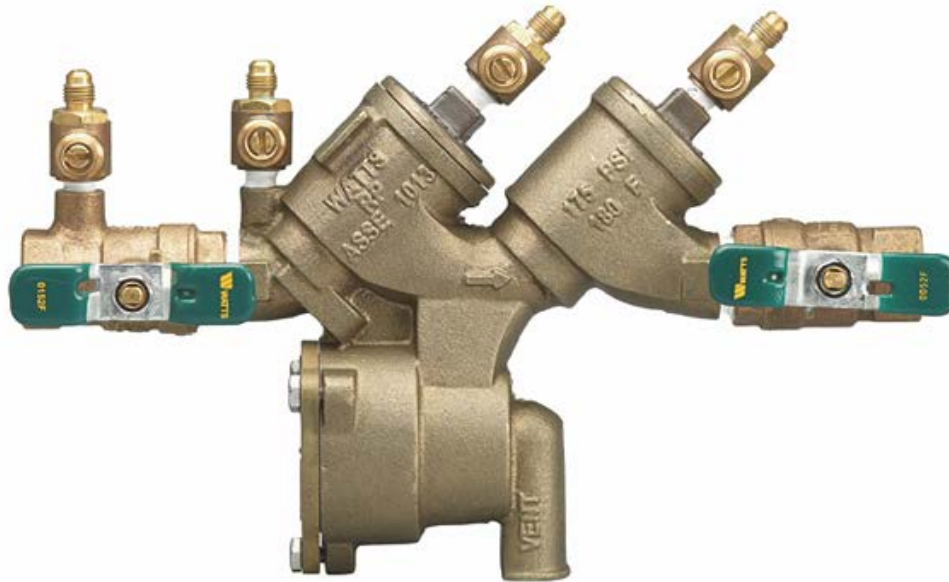


400B

3/4" - 2"

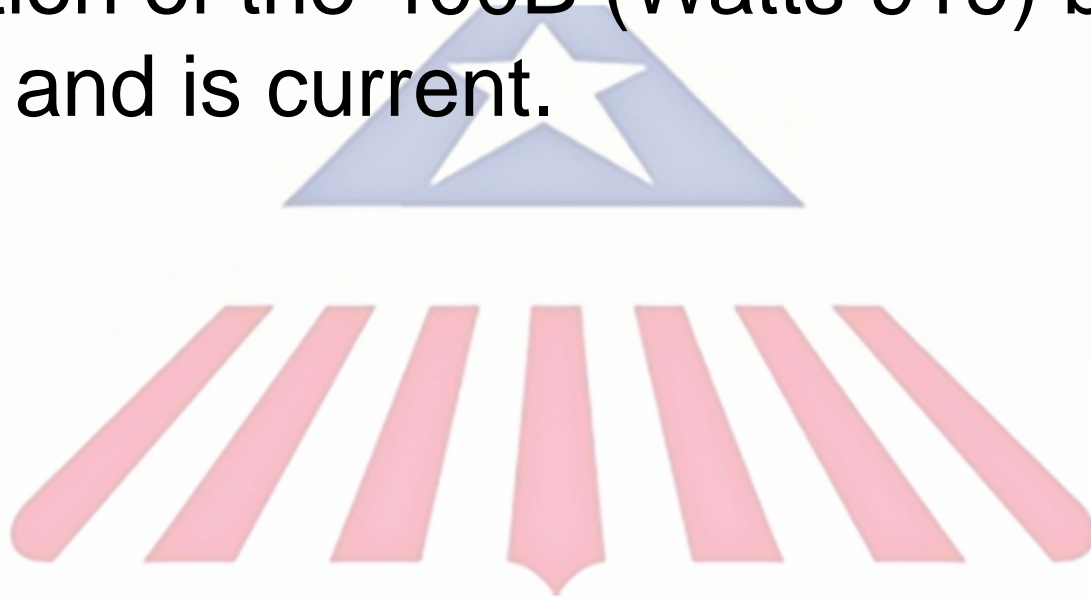


American Backflow
Products Company



Modification Overview

Production of the 400B (Watts 919) began in 2003 and is current.



Check Cover Removal

Cover is threaded into body and o-ring sealed.

Cover is spring loaded.



Check Valve Removal

Poppet style check assembly.

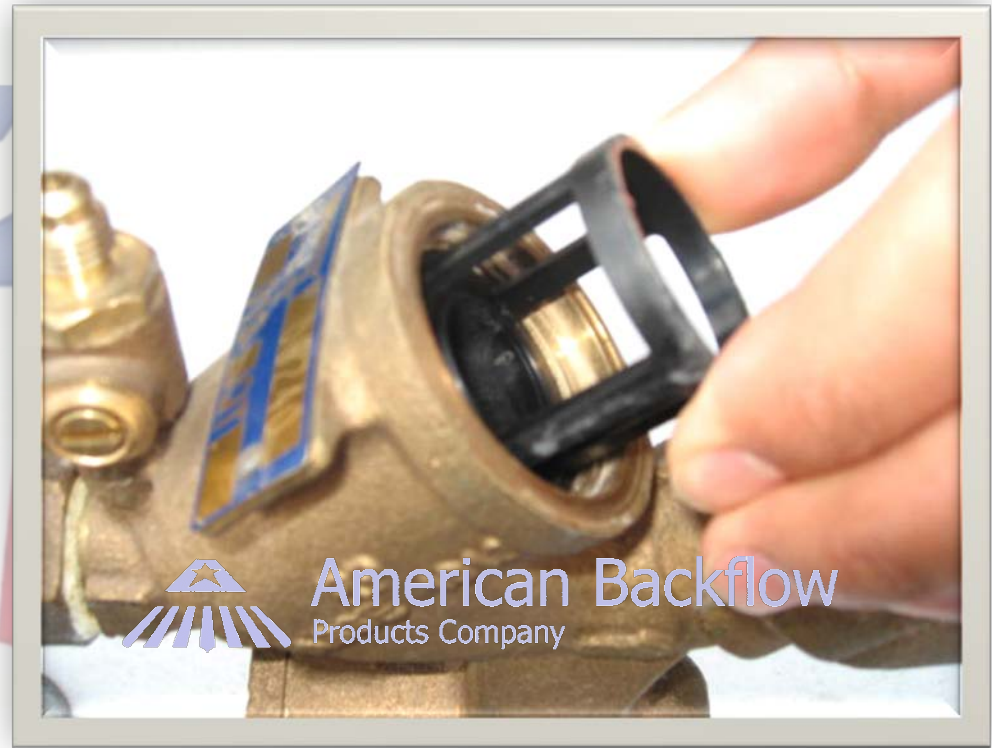
The poppet and spring are free once the cover is removed.



Check Seat Removal

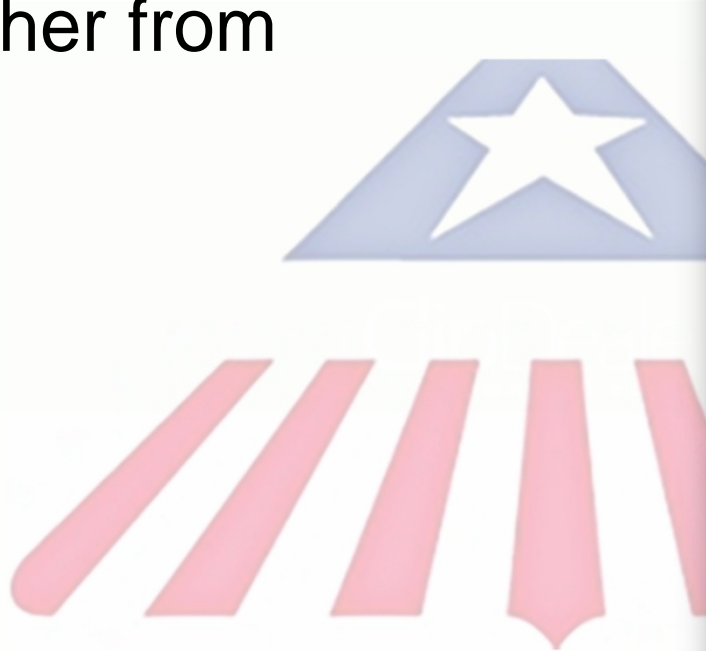
The check seat or (cage) is pushed into the body and o-ring sealed.

Simply pull the seat straight out of the body.



Check Disc Replacement

Remove screw and disc washer from poppet.



Check Valve Reassembly Notes

Inspect and clean the guide bore on the cover.

The stem must move freely in the guide.

Reassemble in reverse order.



RV Cover Removal

Cover is spring loaded.

RV cover is o-ring sealed.

While holding cover firmly, remove cover bolts and rotate the cover 1/4 turn.



RV Module Removal

The RV stem and spring are free once the cover is removed.



RV Seat Removal

The RV seat is o-ring sealed.

Simply pull the seat straight out of the body.



RV Stem Disassembly

Use a wrench to gently loosen the RV stem assembly.



RV Diaphragm Replacement

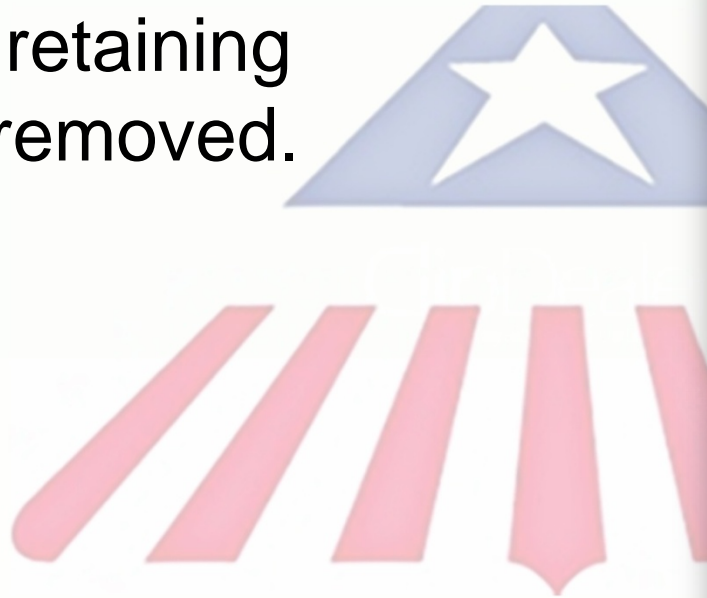
Diaphragm is free once stem is disassembled.

The molded step of the diaphragm should point towards the RV stem and disc.



RV Disc Replacement

The RV disc is free once the retaining screw is removed.



RV Reassembly Notes

Reassemble in reverse order.

Line up the grooves on the cover with the grooves in the body, and turn the cover clockwise $\frac{1}{4}$ turn.

