

375, 375XL

3/4" - 1"



American Backflow
Products Company

WILKINS
a **ZURN** company

Modification Overview

Production of the $\frac{3}{4}$ " - 1" 375 began in 2004 and is current.

The lead free version 375XL was introduced in 2010.



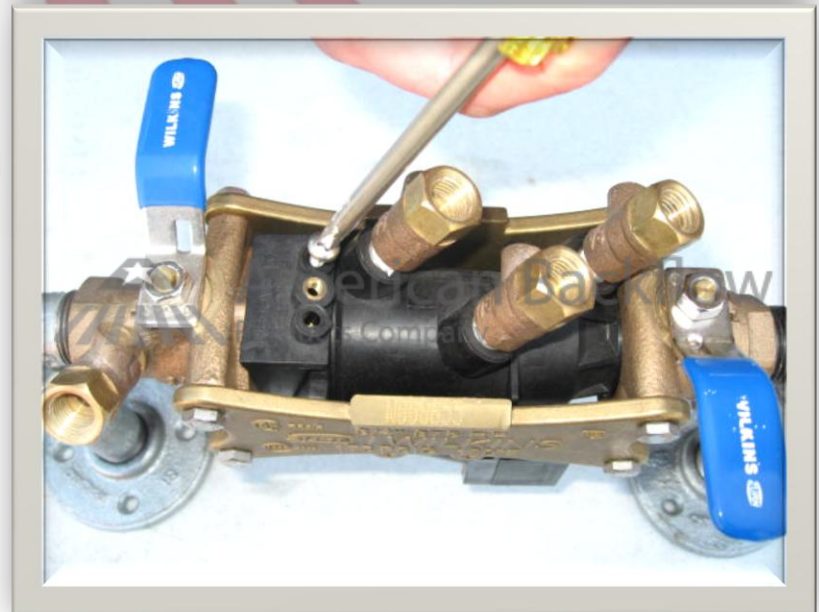
Housing Removal

The plastic housing (vessel) must be removed for service.

There is no spring load.

Housing is held in place by a wedge and o-ring sealed on both ends.

Remove wedge screws.

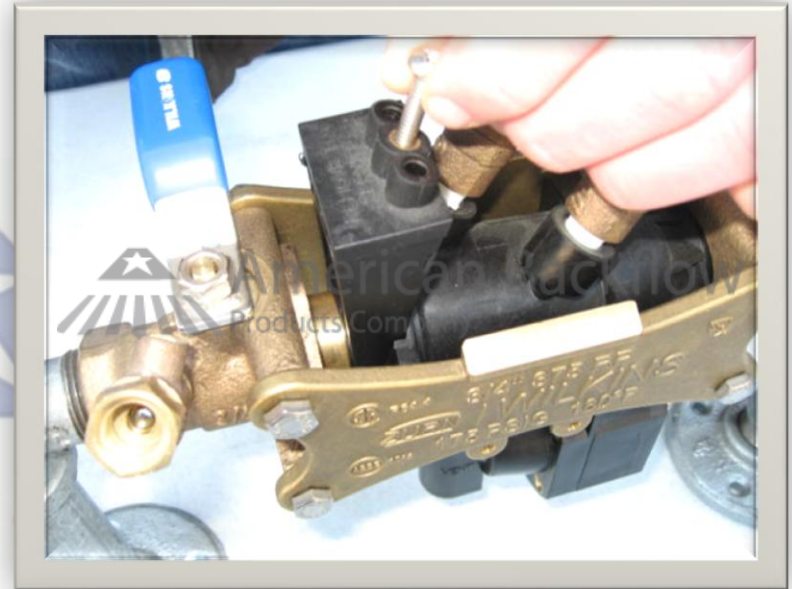


Housing Removal

Pull wedge straight out.

** Inserting a screw in center hole can help remove stuck wedge.

Slide housing towards inlet and lift upward.



Check Valve Removal

Check valve modules.

Modules are located inside the housing.

Modules are sealed by o-rings.

Both modules slide out of the body inlet.



Disassemble Check Module

Modules are spring loaded.

Holding firmly, twist spring retainer counter clockwise.



Check Seat Removal

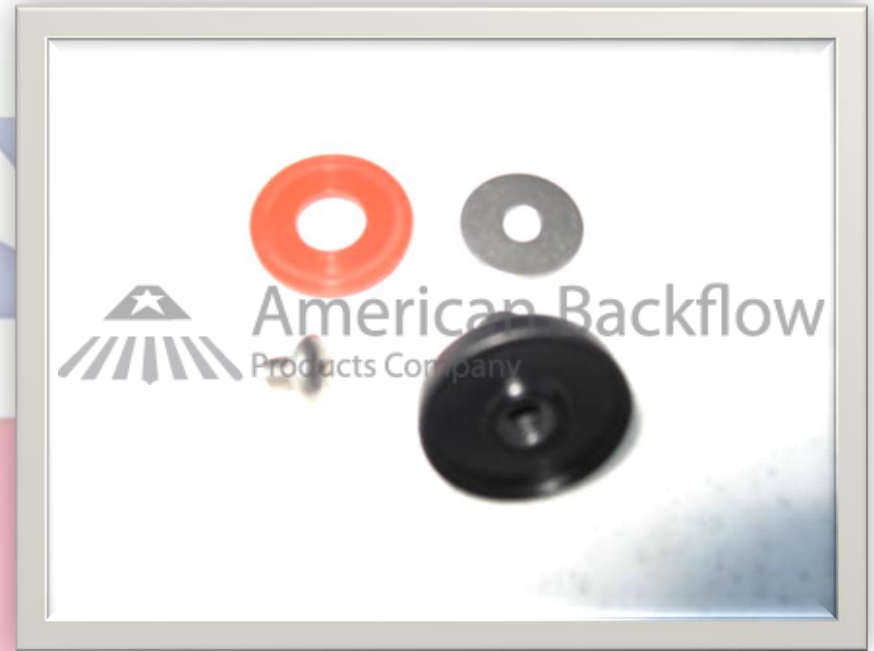
Check seat is free once the module has been disassembled.

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



Check Disc Replacement

Remove screw, disc
retainer, and disc.



Check Valve Reassembly Notes

Lubricate o-rings on modules.

Drop #2 module in body. Then drop #1 module in and turn until #1 spring retainer lines up with #2 seat.

Push both modules into housing.



RV Cover Removal

RV cover is sealed by the diaphragm.

There is a slight spring load on cover.

Hold cover firmly while removing screws.



RV Stem Removal

Gently pull the RV stem out of the housing.

Spring is free once the stem is removed.



RV Seat Removal

RV seat is o-ring sealed.

Pull seat straight out of housing.



Disassemble RV Stem

Remove RV retaining screw.

Pull plunger and disc holder apart.



RV Rubber Replacement

The RV disc and diaphragm are free once the stem has been disassembled.

Reassemble in reverse order.



RV Reassembly Notes

Lubricate plunger o-ring on stem.

Insert RV stem into cover.

Place spring in position over seat.

Make sure sensing o-ring is in position.

Insert cover and stem into housing.



Housing Replacement Notes

Lubricate o-rings on inlet and outlet of housing.

Place housing between struts.

Slide retaining sleeve downstream against housing.

Replace wedge and wedge screws.

