

857
2 1/2" - 3"



American Backflow
Products Company



Modification Overview

Production of the 857 (Watts 007) began in 2006.

Lead free versions (LF857) were introduced in 2010.



Single Access Cover Removal

Cover is o-ring sealed.

Cover has no spring load.

Lift cover straight off.



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Check Valve Removal

Check valve modules.

Modules sealed by o-ring and secured by a retainer.

Slide retainer straight out of body.

Modules can now be removed by hand or with a screwdriver flat.



Check Seat Removal

Check seats are part of each module.

Check seats are attached to the cage with a bayonet type locking system.

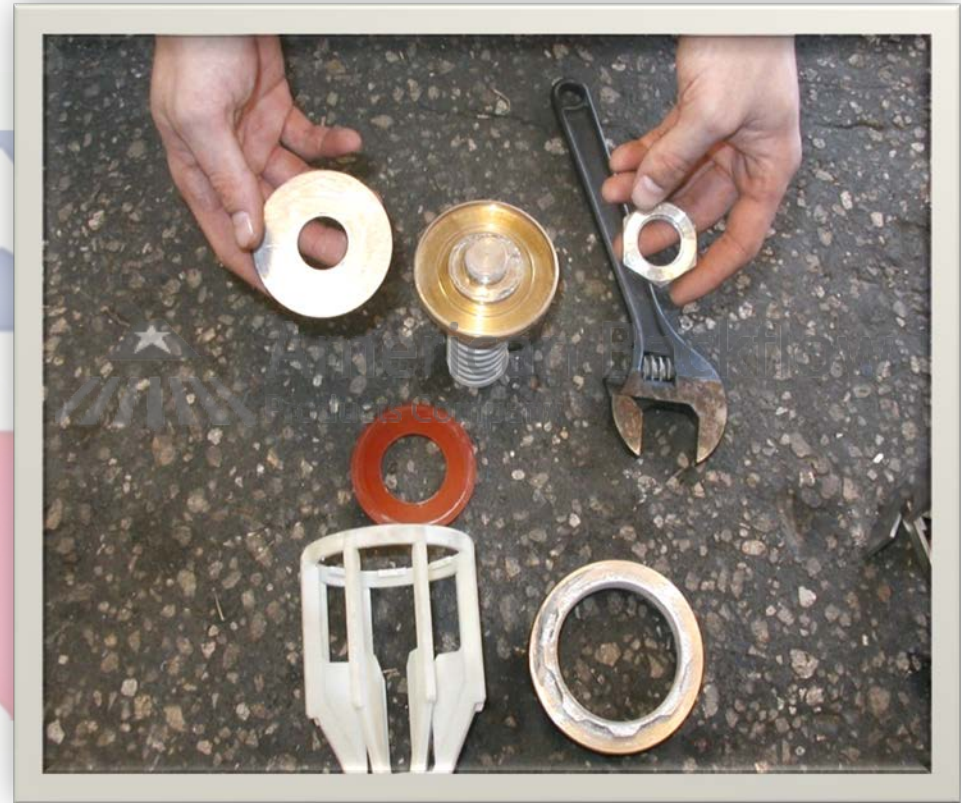
Check spring is contained.

Hold the cage in one hand, push the seat inward and rotate counter-clockwise.



Check Disc Replacement

Remove retaining nut from disc holder and replace rubber.



Check Valve Reassembly Notes

Reassemble in reverse order.

Apply lubricant to o-rings.

If check retainer does not slide into place easily, make sure check valves are seated properly.

