

40-100

3/4" - 2"



American Backflow
Products Company



Modification Overview

- Production of the 40-100 series began in 1989.
- Early models of $\frac{3}{4}$ "-2" 40-100 series did not always have replaceable check seats. In 1994 replaceable seats became standard.
- The $\frac{3}{4}$ -2" 40-100 DCA was produced in both a wye pattern body design and a top entry design. The wye pattern was discontinued in 2002.

Check Cover Removal

Cover is threaded into body and o-ring sealed.

Cover is spring loaded.

Loosen cover with wrench, then remove by hand while holding firmly against spring pressure.



Check Valve Removal

Poppet style check valve.

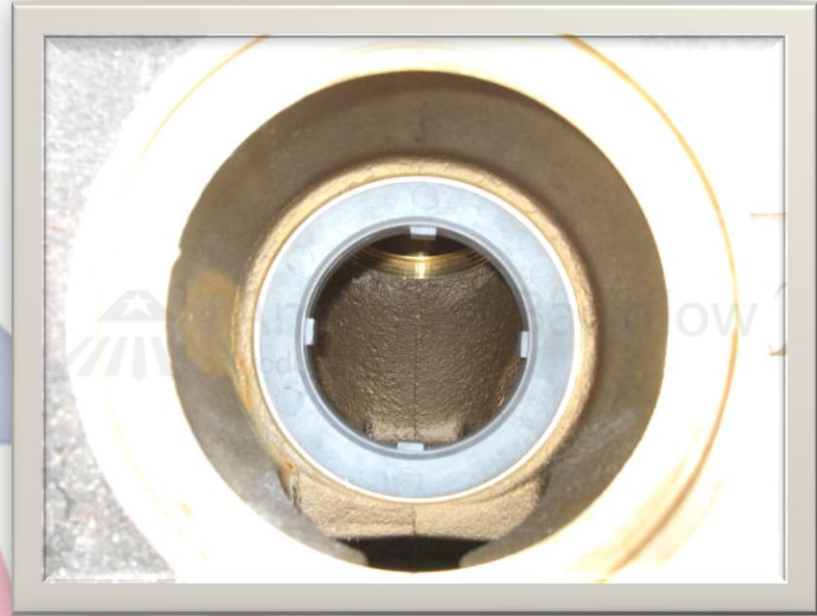
The poppet and spring are free once the cover is removed.



Check Seat Removal

Seats are threaded and o-ring sealed.

A “special tool” is needed for removal.



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Check Disc Replacement

Remove the 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 bore.

Reassemble in reverse order.

