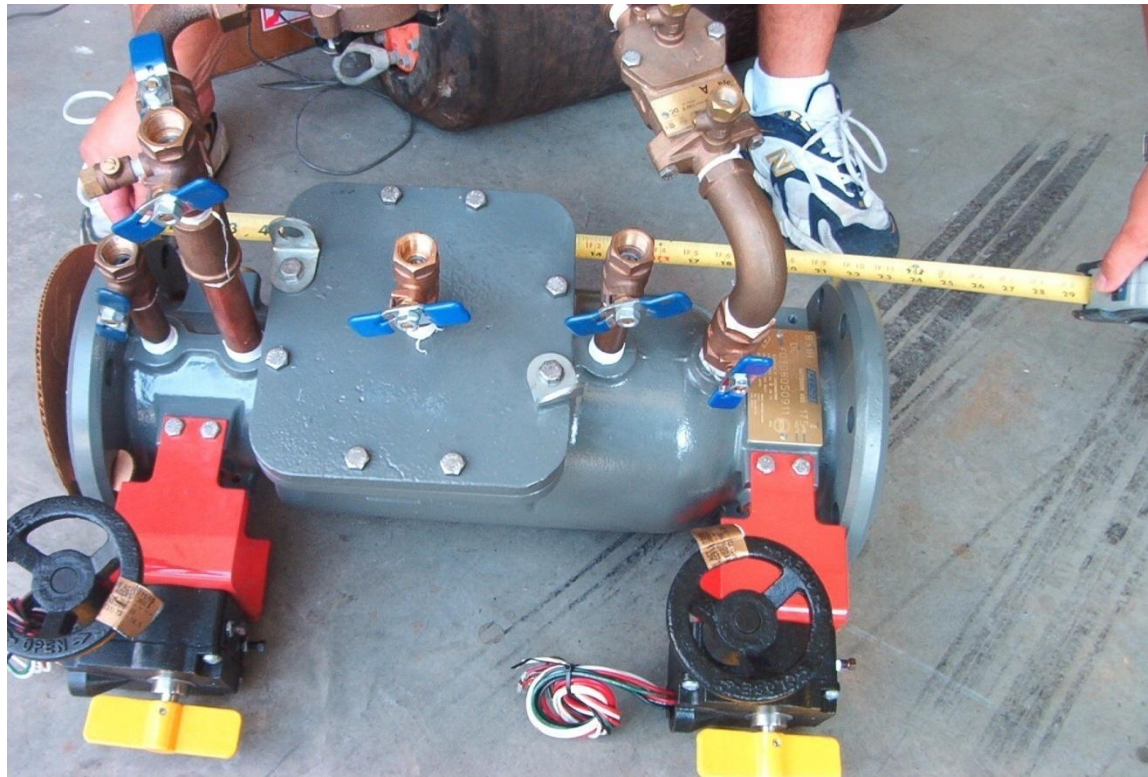


830 & 831 4" - 6"



American Backflow
Products Company



Modification Overview

Production of the 830 & 831 series began in 2000 for 4" - 6" sizes only

Production was discontinued in 2006.

The 831 DCDA uses a $\frac{3}{4}$ " 850B bypass.

Single Access Cover Removal

Cover is o-ring sealed.

Cover has no spring load.



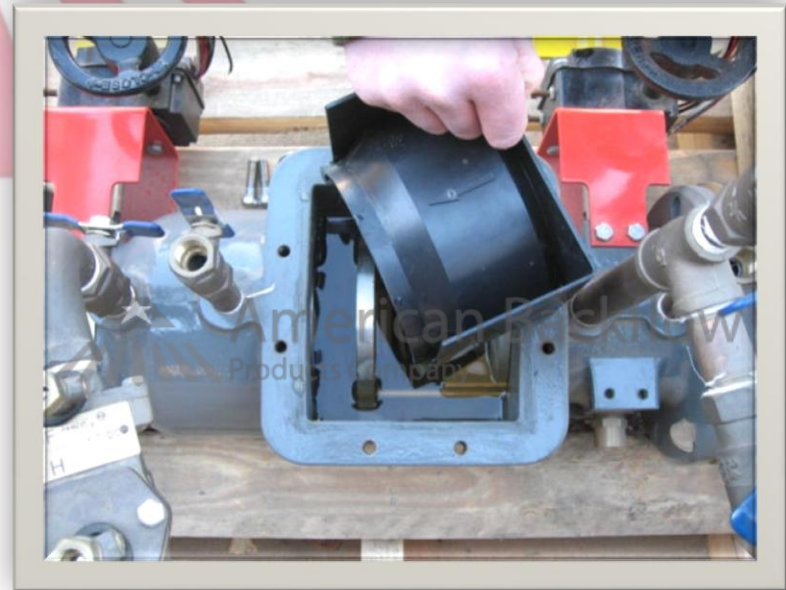
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Check Valve Removal

Check valve modules.

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

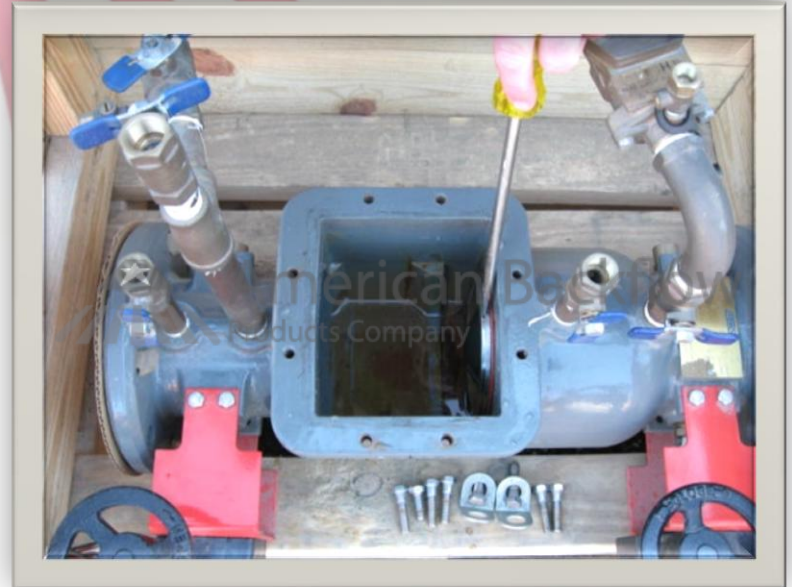
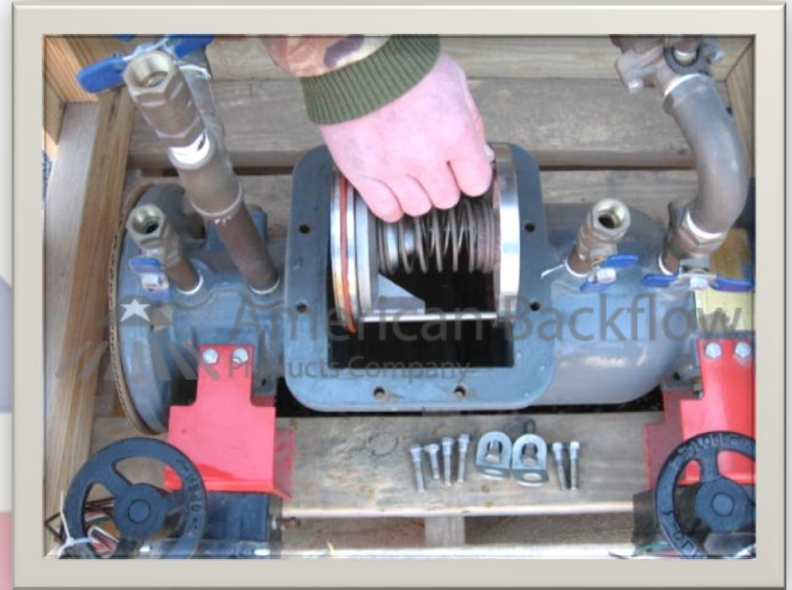
Slide retainer and flow insert straight out of body.



Check Valve Removal

Remove the first check by sliding the module downstream.

Remove the second check by using a screwdriver flat to free the module from the body.



Disassemble Check Valve

Hold the module firmly with the disc retainer cone facing up.

Using a large flat head screwdriver, unscrew the retainer counter clockwise.



Disassemble Check Valve

Turn the module over.

Module is spring loaded
Hold firmly.

Use an $\frac{1}{8}$ " allen wrench
to remove the socket
head cap screws.



Check Seat Inspection

The check seat is free once the module is disassembled.



Check Disc Replacement

The disc holder and disc are free once the module is disassembled.



Check Valve Reassembly Notes

Reassemble in reverse order.

Apply lubricant to seat o-ring.

