

3000SS

2 1/2" - 12"



American Backflow
Products Company



Modification Overview

Production began in 1990 and is current.

The 3000SS currently utilizes a $\frac{3}{4}$ " 2000BM3 bypass assembly.



Single Access Cover Removal

Cover is secured by a grooved coupling.

Cover has no spring load.



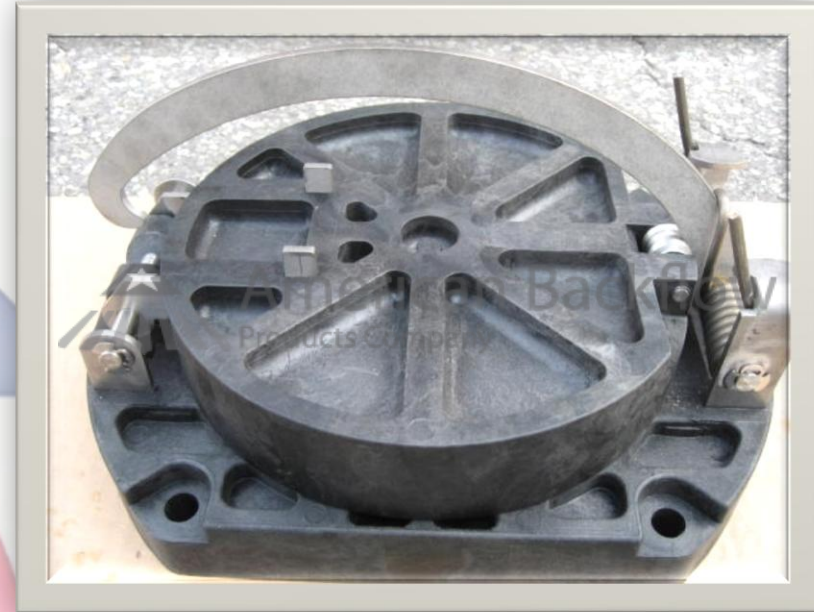
Check Valve Removal

Check valve modules called “Cam Checks”.

Checks are o-ring sealed.
2 ½” - 6” Cam Checks are threaded into body.

#1 Check must be removed before #2 can be removed.

8” - 10” Checks are simply bolted into body.



Check Valve Removal

2 ½” - 6” cam checks
unscrew
counterclockwise by
hand “if possible”.

*Do not use cam arm as
a handle to unscrew.



Check Valve Removal

2 1/2" - 6" Cam Checks.

If too tight, place a drift punch or solid rod (long screwdriver) in one of the holes on the outer edge of the check module.

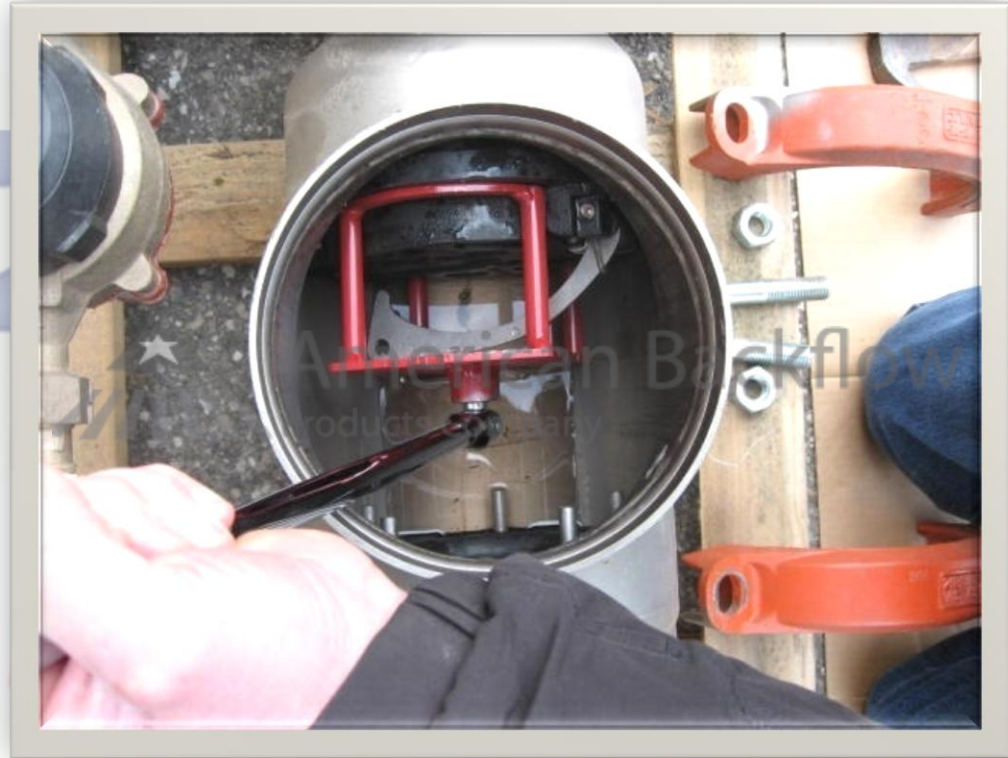
Tap with hammer in correct direction (counterclockwise) to loosen.



Check Valve Removal Notes

2 ½” - 6” Cam Checks.

There are “special tools” available to help remove check modules.



Check Seat Removal

Check seats are part of each module and can not be removed.

If the seat is damaged, the complete check module will need to be replaced.



Check Disc Inspection

2 ½" - 6" Cam Check disc assembly is part of the module and can not be removed.

For inspection and cleaning 2 2 ½" - 4", lift the cam arm and hold in open position.

*Raise the clapper so that the end of the cam arm rests between the roller and clapper.

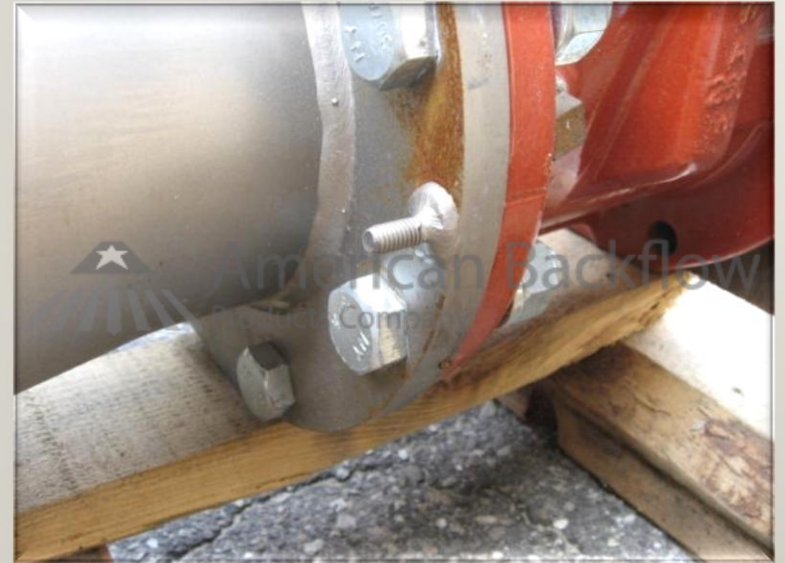


Check Disc Inspection

For inspection and cleaning of the 6" size only.

Locate the stud on the outlet flange of the assembly.

Place the cam arm hole on the stud and open the check valve so that the cam rests between the roller and clapper.



Check Valve Reassembly Notes

Change and lubricate check o-ring.

Install #2 check then #1 check.

2 check should be tightened with a long screwdriver.

Tighten #1 check firmly by hand only.

Lubricate the outside edge of the groove coupler gasket.

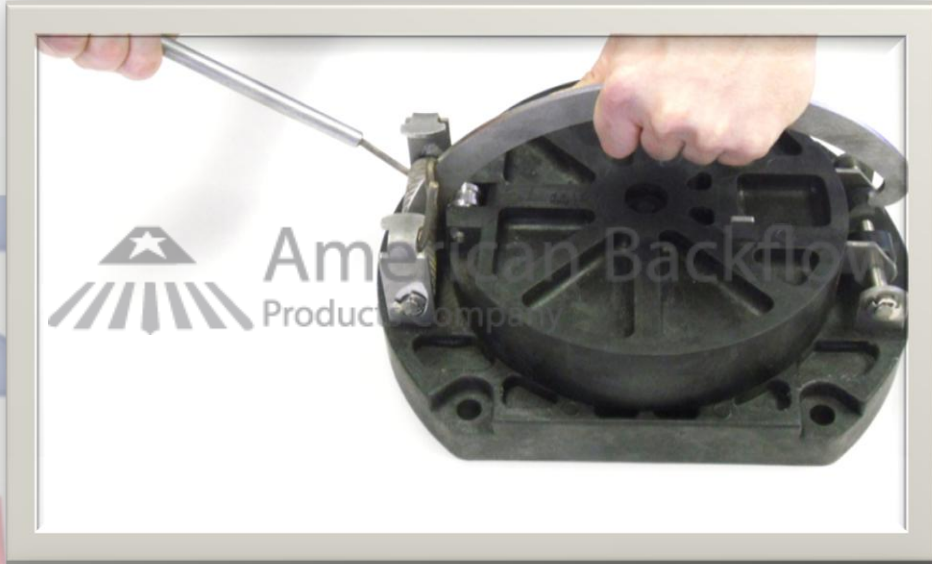


Check Disc Replacement 8" - 12"

Using the torsion handle, place on the end of the torsion spring and move away from and around the retaining bracket.

** Hold handle firmly, high spring tension.

This will free the cam arm and clapper.



Check Disc Replacement 8" - 12"

Using the retainer wrench, unscrew the disc retainer counterclockwise.

Once the disc retainer has been removed, the check disc is free.

