

007(M1,M2,M3) / 2000B

009 (M2,M3) / 4000B

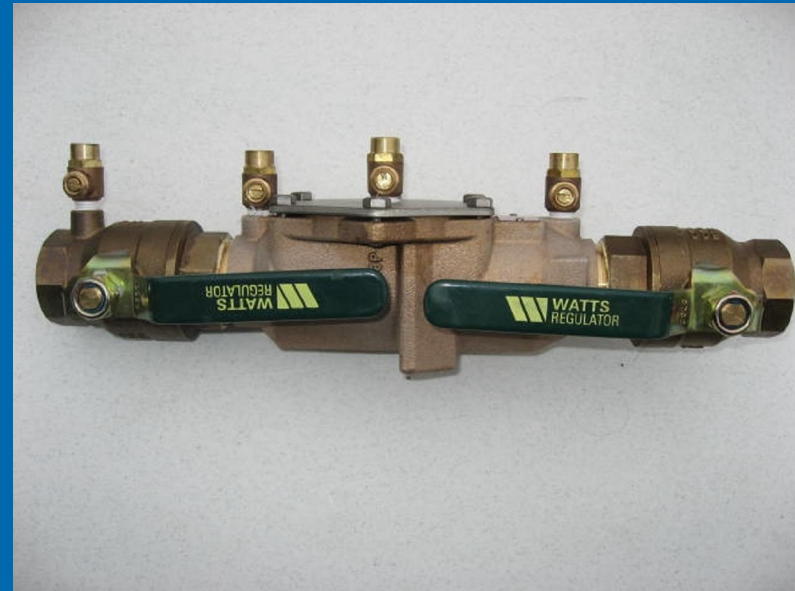
1/2"-2"



**WATTS**<sup>®</sup>

# Modification Overview- 007 / 2000B

- 1/2" 007
- 3/4-1" 007
- 3/4-1" 007M1
- 3/4" 007M2
- 3/4" 007M3 (Current)
- 1" 007M1 (Current)
- 1 1/2-2" 007
- 1 1/2-2" 007M1
- 1 1/4-1 1/2" 007M2 (Current)
- 2" 007M1 (Current)



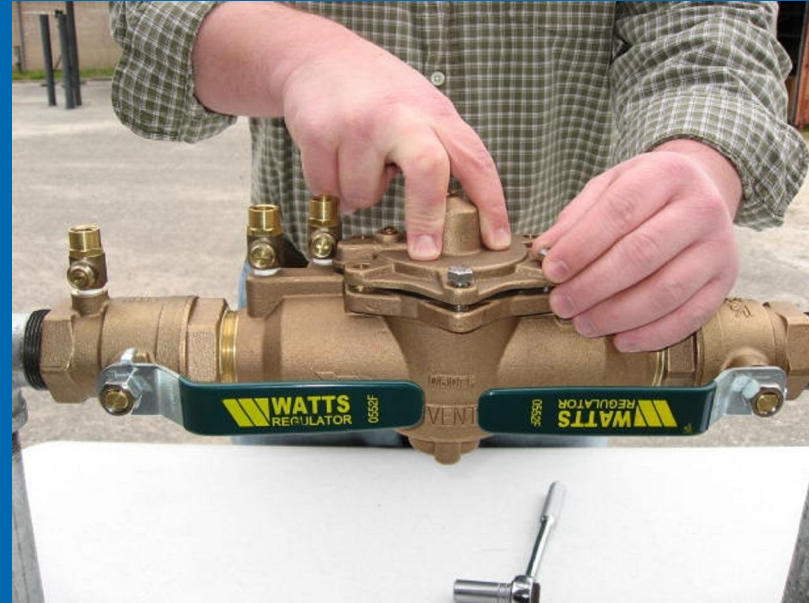
# Modification Overview- 009 /4000B

- 1/2" 009
- 3/4-1" 009
- 3/4" 009M2
- 3/4" 009M3 (Current)
- 1" 009M2 (Current)
- 1 1/4-2" 009
- 1 1/4-2" 009M1
- 1 1/4-1 1/2" 009M2 (Current)
- 2" 009M2 (Current)



# Single Access Cover Removal

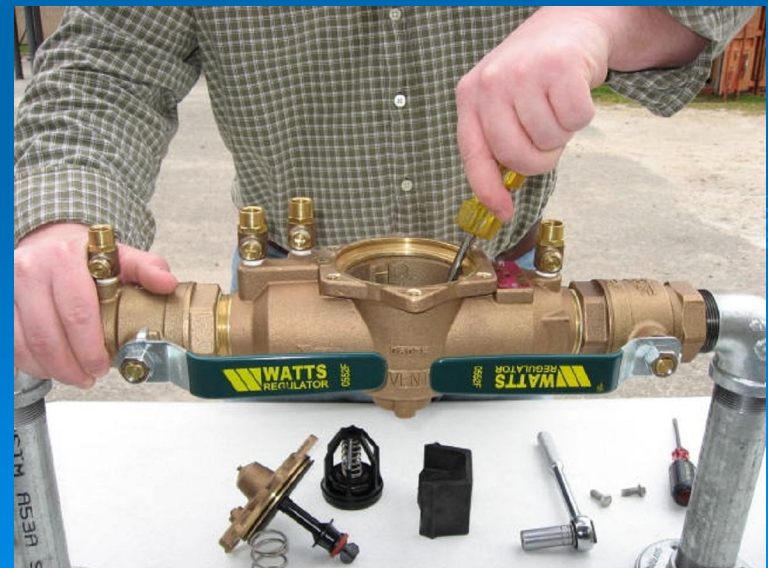
- Cover is o-ring sealed.
- 007 Cover has no spring load.
- 009 Cover has spring load from the RV spring.
  - \* Hold cover firmly while removing bolts.
  - \* RV stem may come out with cover.
- Lift cover straight off.





# 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 attached to the cage with a bayonet type locking system.
- \* Module is spring loaded- Hold firmly.
- \* Hold the cage in one hand, push the seat inward and rotate clockwise.
- 3/4" M2 modules snap apart.



# Check Disc Replacement

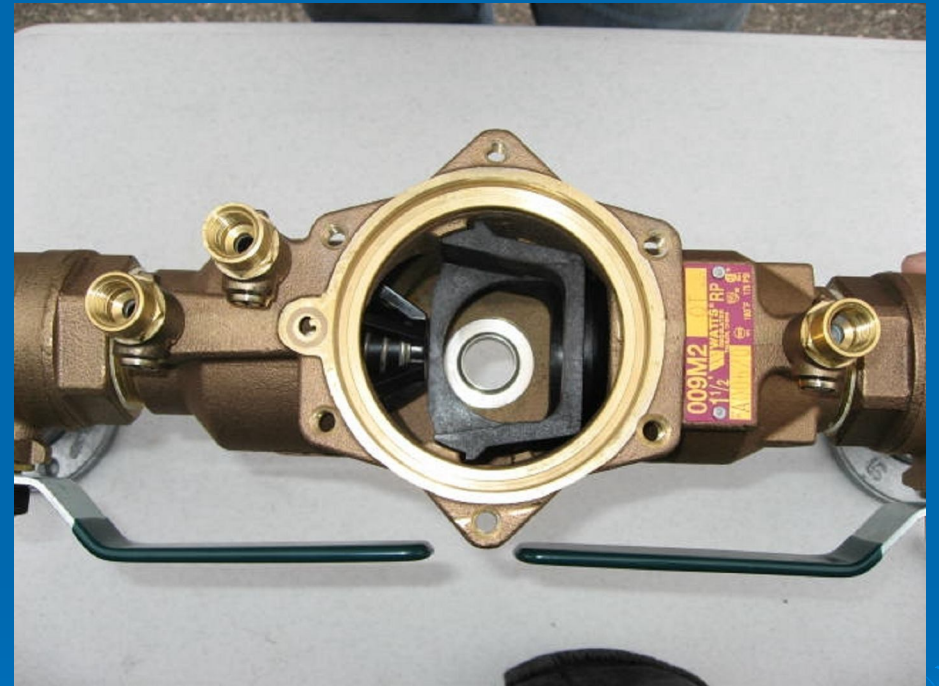
- Check disc and disc holder can be replaced as one piece.





# *Check Valve Reassembly Notes*

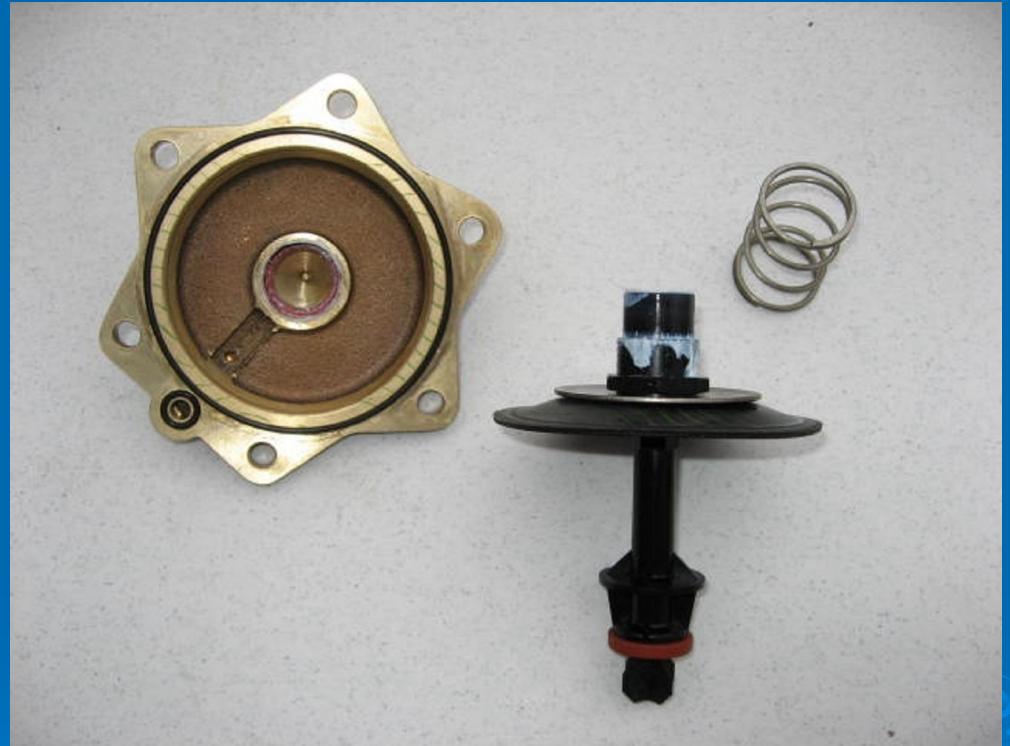
- Reassemble in reverse order.
- Apply lubricant to o-rings.
- If check retainer does not slide into place easily, make sure checks are seated properly.





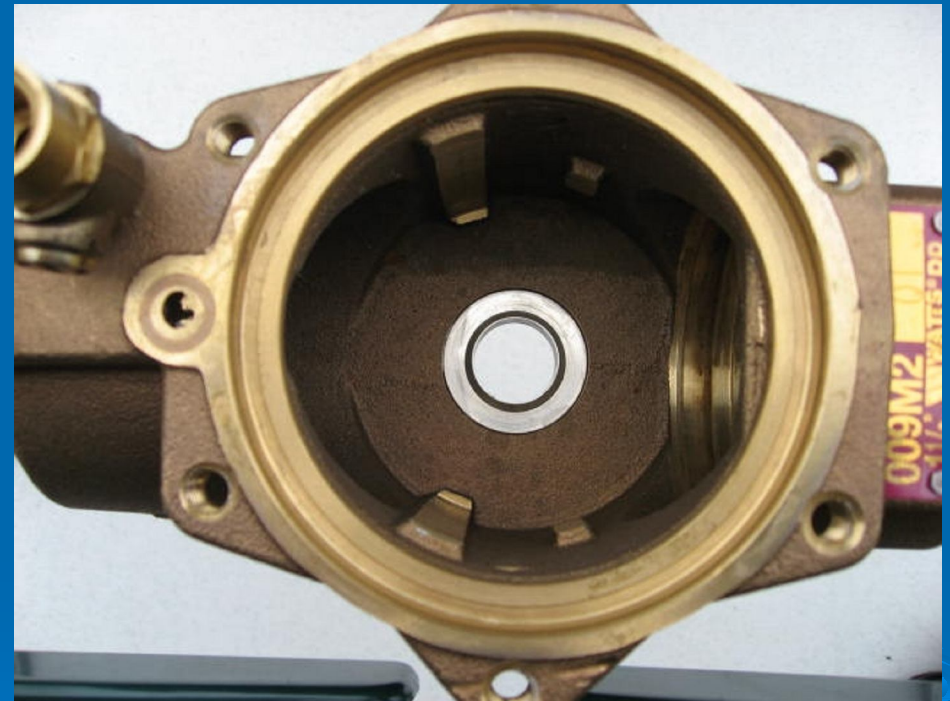
# RV Stem Removal

- The RV stem and spring are situated between the check valves and are free once the single access cover is removed.



# RV Seat Removal

- Unless damaged, there is no need to remove RV seat.
- The seat is pushed firmly into the body and is o-ring sealed.



# RV Rubber Replacement

- The RV molded disc is on the lower stem.  
\*Simply unscrew the guide from the stem.
- The diaphragm is on the upper stem.  
\*Simply unscrew the stem cap from the stem.





# *RV Reassembly Notes*

- Center the spring on the seat and insert the cover and RV assembly as a unit straight into the body.
- Make sure that the lower guide on the RV stem goes through the guide hole in the seat.
- If the cover will not press flat against the body, the stem is crooked and must be realigned.

