

FRP

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American Backflow
Products Company



Product Overview

Production of the model FRP began in 2010.



Check Cover Removal

Check cover is threaded and sealed by an o-ring

There is no spring load on the cover.



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Check Valve Removal

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

Check #1 must be removed before #2.

Slide retainer straight out of body.

The checks can now be removed by hand or with a flat head screw driver.



Disassemble Check Module

Module is spring loaded.

Firmly grasp the seat section in one hand and the guide section in the other hand.

Rotate counter clockwise until the two parts disengage. (approx. 1/8 turn)



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Check Seat Removal

Check seats are part of each module.

If the seat is damaged, then the entire module must be replaced.



Check Disc Replacement

Remove retaining thumb screw and disc retainer.



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RV Cover Removal

Cover is sealed by the diaphragm and secured by bolts.

There is a slight spring load on the cover.

Hold cover while removing the cover bolts.



RV Seat Removal

The relief valve seat is pushed into the body and sealed by an o-ring.

Simply pull the seat out of body.



Disassemble RV Stem

Remove the retaining screw from the stem assembly.



RV Rubber Replacement

The diaphragm and seat disc are free once the stem is disassembled.

Reassemble rubber in reverse order.



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RV Module Reassembly

Form the large diaphragm so that the bead is properly seated in the bore of the RV cover.

Make sure sensing passage o-ring is in place on the cover.



RV Module Reassembly

Position the spring over the guide on the RV module.

