

DC4A, RP4A

1/2"-2"



Check Cover Removal

- Cover is threaded into body and o-ring sealed.
- Cover has no spring load.



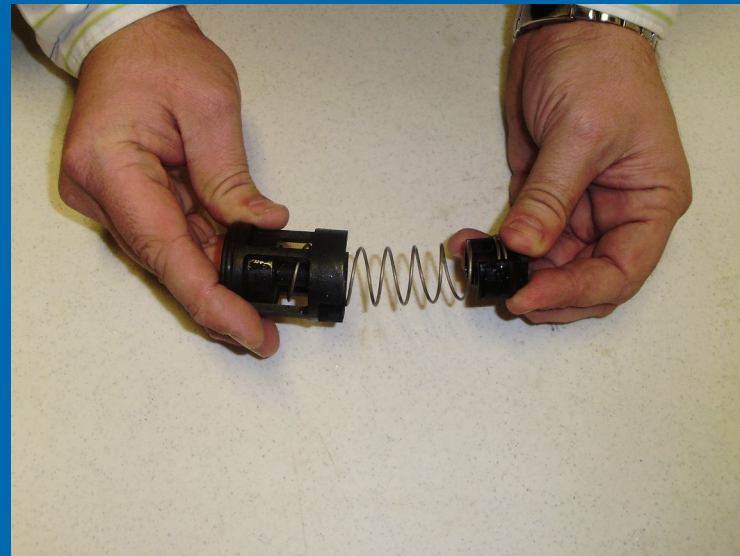
Check Valve Removal

- Check valve modules.
- Modules are sealed by an o-ring.
- Rock the module back and forth while pulling outward.



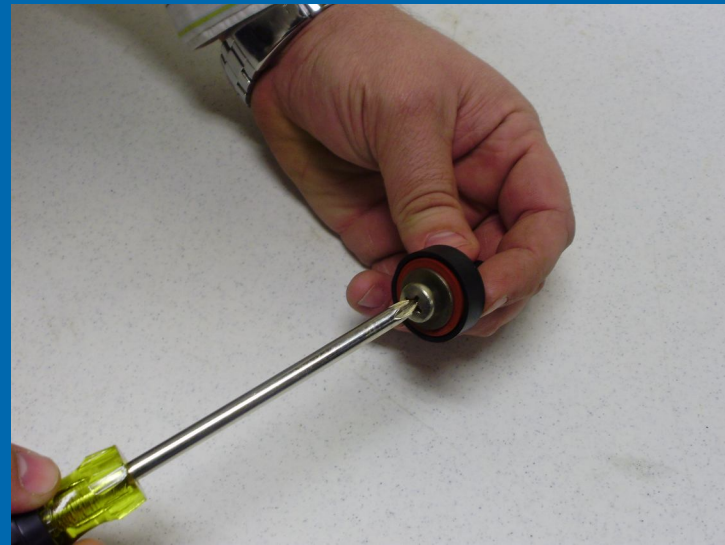
Disassemble Check Valve

- Check modules are spring loaded.
- Holding the module firmly, push down and turn the spring retainer 90 degrees in either direction.



Check Disc Replacement

- Remove screw and disc washer from poppet.



Check Seat Removal

- Check seats are part of each module.
- Once the check has been disassembled the seat is free.



Check Valve Reassembly Notes

- Make sure spring retainer is in position over the spring.
- Push the spring retainer down into the grooves of the seat and turn 90 degrees.
- The spring retainer should pop up and lock into the lugs on the seat.



RV Cover Removal

- RV cover is sealed by the diaphragm.
- There is no spring load on the cover.



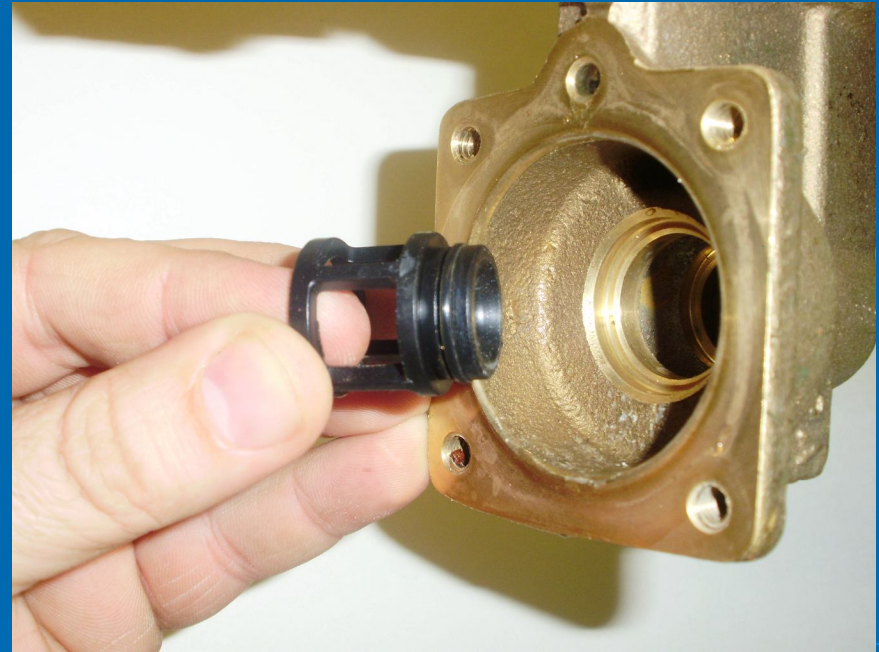
RV Module Removal

- Remove outer diaphragm.
- Module is o-ring sealed.
- Pull module straight out of the body.



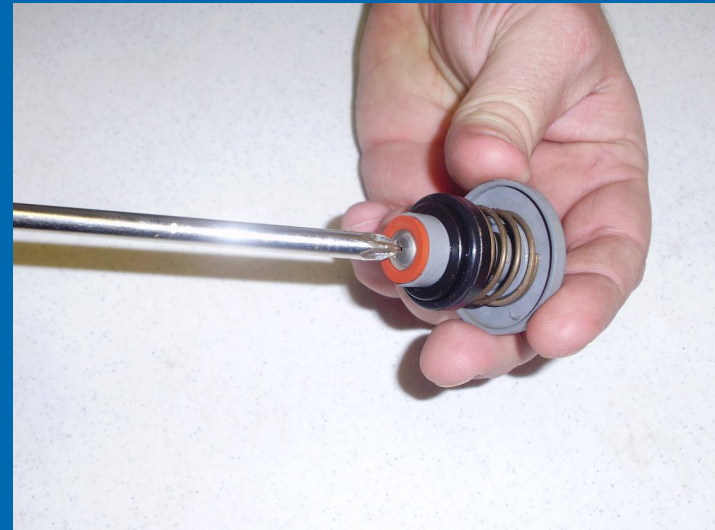
RV Seat Removal

- The RV seat is o-ring sealed.
- Pull the seat straight out of the body.



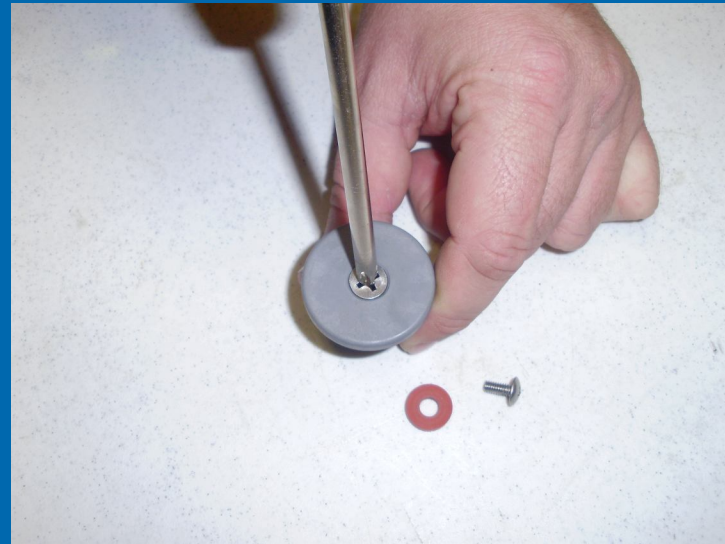
RV Disc Replacement

- The RV disc is free once the retaining screw is removed.
- Note: 1 1/4"-2" sizes will also utilize a retaining washer.



Disassemble RV Module

- Module is spring loaded.
- Holding the diaphragm plate firmly, remove the retaining screw.



Disassemble RV Module

- Remove the bushing from the stem.
- Remove the stem o-ring.



RV Reassembly Notes

- Replace and lubricate o-rings.
- Reassemble in reverse order.
- Push module straight into body.
- Make sure diaphragm does not cover hole for sensing line.

