

4S-100, 4S-600 2 1/2"-10"



Check Cover Removal

- Ø Cover is sealed by a gasket.
- Ø Cover has no spring load.
- Ø For the 2 1/2"-6" size, unscrew black plastic spring cap.
- Ø Remove bolts, cover and gasket.
- Ø 8-10" – cover has spring load approximately 1/4".



Check Valve Removal

- ∅ Check valve module.
- ∅ Module is o-ring sealed.
- ∅ 8"-10"- spring module is separate from the check module.
- ∅ Gently pry the module from the body.



Disassemble Check Valve

- ∅ The module is spring loaded.
- ** Do not remove the socket head bolt.
- ∅ Unscrew and remove the spring assembly from the module by placing a wrench on the flats provided.
- ∅ Do not disassemble spring assembly any further.



Check Disc Replacement

- Ø Once the spring assembly is removed, spring load is released.
- Ø Remove the retaining screws and disc retainer.
- Ø Remove seat disc.



Check Valve Reassembly Notes

- ∅ Reassemble checks in reverse order.
- ∅ Lubricate o-rings.
- ∅ A pry bar may be needed to aid in seating the check assembly into the body.
- ∅ Spring cap needs only to be snug.



Check Valve Reassembly Notes

- Ø 8"-10"- Insure that the cam positioner is flipped down on the swing arm of the check module.
- Ø 8"-10"- When replacing the spring assembly, make sure to place cam end of spring on both cam rollers of the check module.

