

# 800 (M2,M3,M4) 1/2"-2"



# *Modification Overview*

- The original model 800 was produced from 1982-1993.
- The 800M2 was produced from 1991-1994.
- The 800M3 (1/2", 3/4" sizes only) was produced from 1991-1994.
- The 800M4 production began in 1994 and is the current model.
- The 800M4FR was introduced in 1995 and is produced with a float assembly that contains a relief valve that protects the unit against freeze damage.
- A lead free (LF) version was introduced in 2010.

# Hood Removal

- The 1/2" - 3/4" hood is secured by two screws.



- The 1"-2" hood is secured by two screws.



# Bonnet Removal

- The bonnet is threaded into the body and sealed by an o-ring.
- There is no spring load.



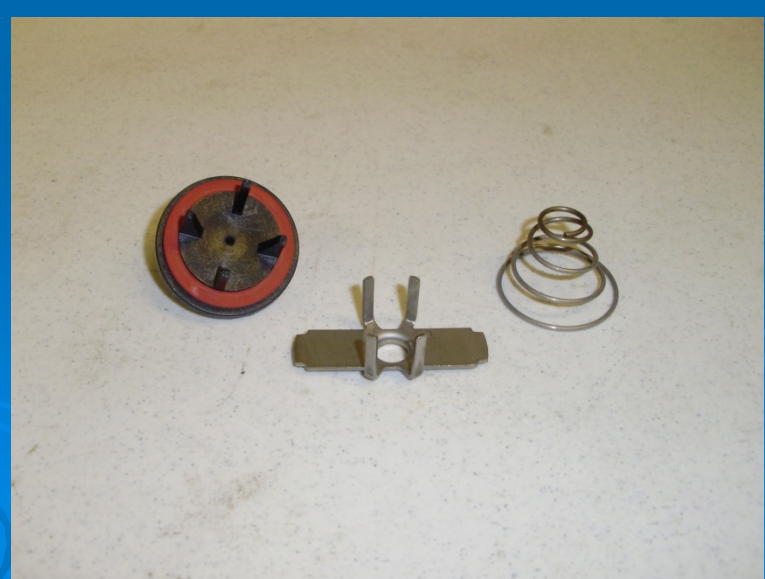
# Float Removal and Service

- The float is free once the bonnet has been removed.
- Replace the rubber seal by pulling it from the groove on the float.



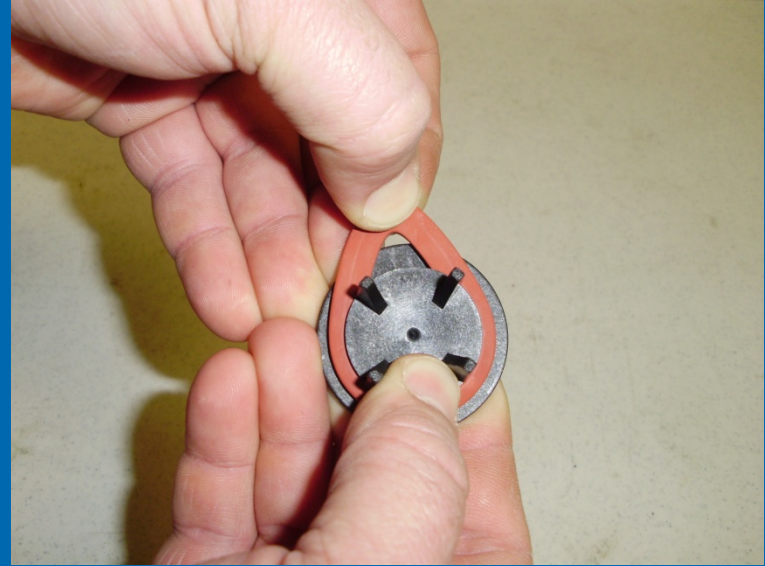
# Check Valve Removal

- Check valve is spring loaded.
- Remove spring retainer by pressing down and rotating to clear tabs on the body.
- Remove spring and poppet.



# Check Disc Replacement

- Replace the rubber disc by pulling it from the groove on the poppet.



# Check Seat Replacement

- The check seat is threaded into the body and sealed by an o-ring.
- \*\* Note: A special tool is needed to remove the seat.





# Reassembly Notes

- Reassemble in reverse order.
- Place large end of spring down in body.
- The guides on the retainer face up.
- The guides on the float face up.
- Make sure the float spring is centered on the float.

