

CALEFFI FACTORY REPAIR INFORMATION

The following pages are excerpts from literature the manufacturers print to help repair their assemblies. This information is provided to assist in repairing their assemblies but should not be considered all the information needed to repair all situations.

MODEL FOR WHICH FACTORY REPAIR INFORMATION IS PROVIDED

Model 574 Series

pg 26-52

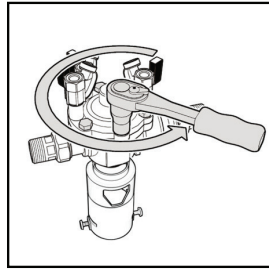
**PAGES 26-5 THROUGH 26-50 HAVE INTENTIONALLY BEEN
OMITTED**



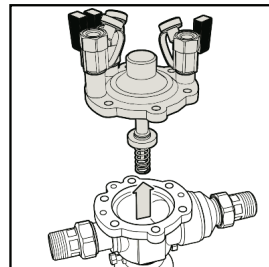
Procedure for examining internal parts ($\frac{1}{2}$ ", $\frac{3}{4}$ " and 1")

The following illustrations show the required operations to inspect the functional inner parts of the backflow preventer, sizes $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1".

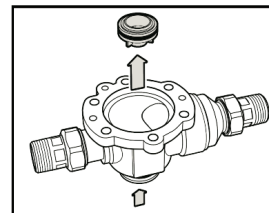
1. Release the pressure by unscrewing the pressure test ports. Remove the cover bolts.



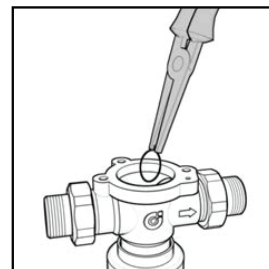
2. Pull out the core assembly and spring.



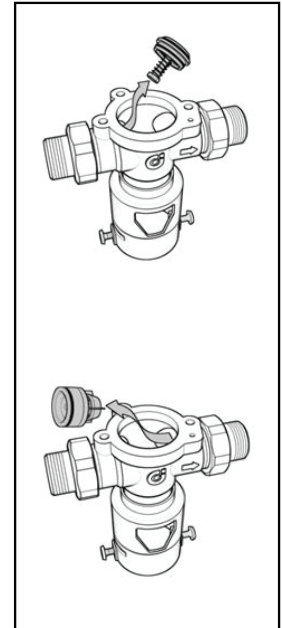
3. Pull out the seat of the discharge valve by pushing it from the outside while handling it with care so as not to damage it. Caution: If it should not be removed, protect it from possible damage which could result from changing the check valves.



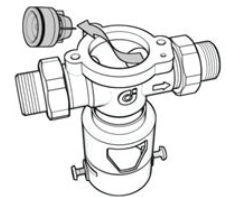
4. Remove the split rings holding the check valves in place with a pair of long-nose pliers.



5. Remove the upstream and downstream check valves using a common pipe wrench or suitable size pliers.



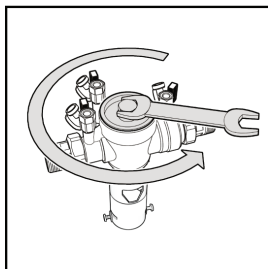
6. After examination and after replacing any necessary components when reinstalling the check valves make sure the split rings are perfectly located in the seat.



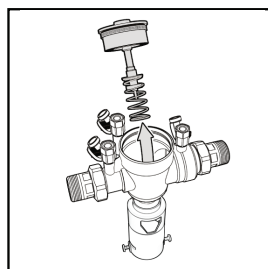
Procedure for examining internal parts (1¼")

The following illustrations show the required operations to inspect the functional inner parts of the backflow preventer, size 1¼".

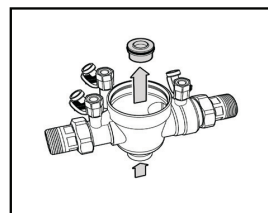
1. Release the pressure by unscrewing the pressure test ports. Remove the cover .



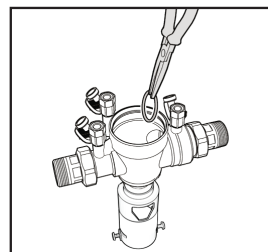
2. Pull out the core assembly and spring.



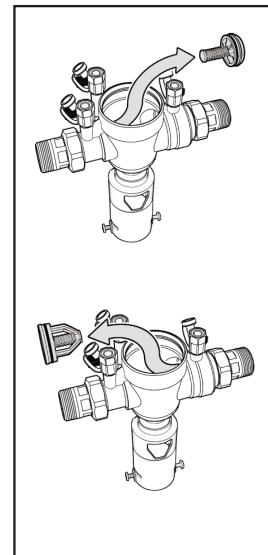
3. Pull out the seat of the discharge valve by pushing it from the outside while handling it with care so as not to damage it. Caution: If it should not be removed, protect it from possible damage which could result from changing the check valves.



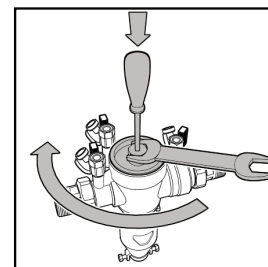
4. Remove the split rings holding the check valves in place with a pair of long-nose pliers.



5. Remove the upstream and downstream check valves using a common pipe wrench or suitable size pliers.



6. After examination and after replacing any necessary components when reinstalling the check valves make sure the split rings are perfectly located in the seat.

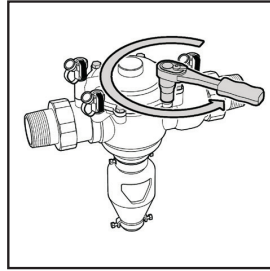


7. To close the backflow preventer, step backwards through steps 3 and 2. Place the threaded connection correctly into its seat. Press the central rod through with a pointed tool, and fully screw the cover in place with a hexagonal wrench while firmly holding in place.

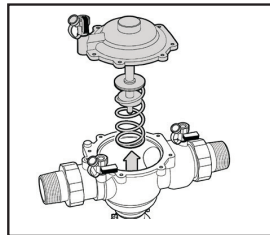
Procedure for examining internal parts (1½" and 2")

The following illustrations show the required operations to inspect the functional inner parts of the backflow preventer, sizes 1½" and 2".

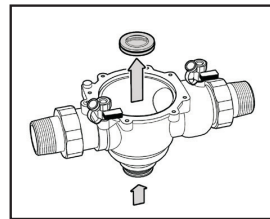
1. Release the pressure by unsewing the pressure test ports. Remove the cover bolts.



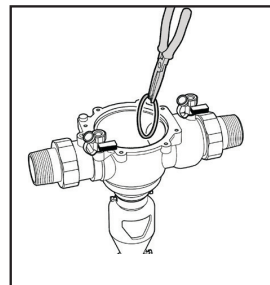
2. Pull out the core assembly and spring.



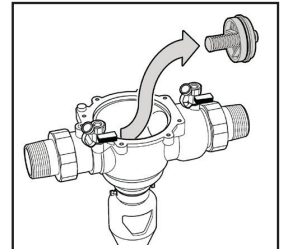
3. Pull out the seat of the discharge valve by pushing it from the outside while handling it with care so as not to damage it. Caution: If it should not be removed, protect it from possible damage which could result from changing the check valves.



4. Remove the split rings holding the check valves in place with a pair of long-nose pliers.



5. Remove the upstream and downstream check valves using a common pipe wrench or suitable size pliers.



6. After examination and after replacing any necessary components when reinstalling the check valves make sure the split rings are perfectly located in the seat.

