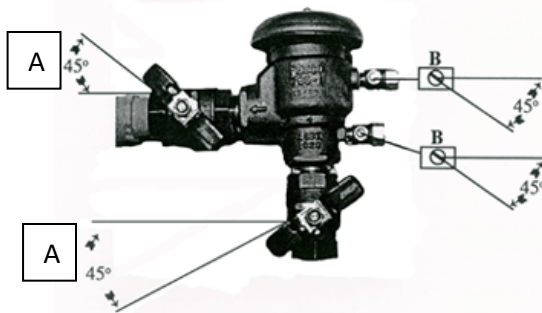


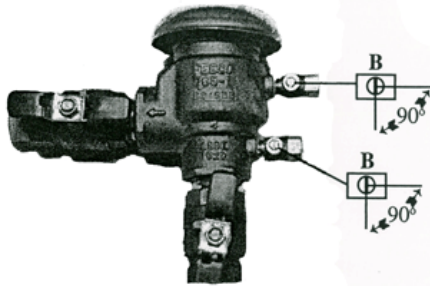


## Spring Start Up Procedures

1. Need flat screwdriver. Go outside to PVB. Turn both large blue or green handle valves labeled A into parallel position with the pipe they are on (OPEN).



2. Take screwdriver and close the two test cocks labeled B (smaller valves) on PVB. PVB should look like the figure below.



3. Make sure any faucet or plug is off or inserted (if plug you may need to wrap with telfon tape or it could leak).
4. Go to basement, identify the irrigation line. If a ball valve the handle will be in perpendicular position. Make sure any drain on this line is closed.
5. Turn on main irrigation ball valve slowly until water stops flowing.
6. If water doesn't stop flowing, shut off valve for 3 seconds, then turn valve on rapidly. Repeat procedure until main line holds pressure.
7. If system will not hold pressure, call me at 612-282-6663.
8. Turn on controller, replace battery, reset date and time if needed.
9. Reprogram controller or use water budget mode to reduce or increase run time for current conditions.
10. Go through each zone to make sure heads are adjusted properly (ground can shift).
11. Check Valve box for leaks.
12. Check PVB for any leaks or drips. Tweak the test cocks with screwdriver if needed.
13. Check yard for wet or pooling areas (possible leaks underground).