

# Trouble Shooting Your Irrigation Timer (Pre-2006).

## Procedure

When your irrigation timer is not working properly, there are three procedures to go through to try to trouble shoot the problem. They are outlined below. If you cannot get the timer to work properly, call the LSU Coastal Roots staff for assistance.

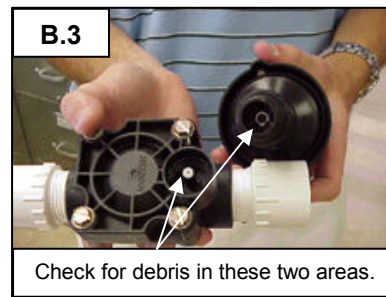


### A. Check your timer program.

1. Make sure you have entered the on and off times correctly for each of the programs you have entered on the timer.
2. See ***Programming the Automatic Irrigation Timer Info Sheet*** under the Coastal Roots Nursery Instructions link.

### B. Check the plunger for debris.

1. Turn the water off.
2. Grasp the top of the timer and turn counterclockwise until the top portion comes off.
3. Look inside for debris. Clear out debris.
4. While disassembled, turn the water back on and see if water squirts out the small hole in the white plastic collar. You might be able to stick a pin down inside the white collar to clear out any debris. Turn the water off. Replace the assembly.



### C. Check the valve for debris.

1. Turn the water off. Remove the top portion of the timer and set aside.
2. Unscrew the four bolts on the inline portion of the valve. The bolts were pretty tight – so get a wrench that fits or use pliers. You only need to unscrew the bolts a short distance and then twist the upper part of the valve cover to move clear the bolts.
3. Carefully lift it up off the top portion of the valve cover. You'll find a rubber diaphragm and a metal spring. Clear out the interior of the valve. Carefully check the diaphragm to see that it is intact (no tears or rips).
4. Carefully reassemble. Be sure (1) you have the diaphragm correctly placed so that it will not be torn or crimped, and (2) you have the bolts tightened all the way down. Do not over tighten the bolts.

