



Dosatron D128R Maintenance

The ease of maintaining the Dosatron D128R is shown here



Step #1. Remove *suction hose* (PD1042) by loosening *suction hose nut* (P153)



Step #2. Remove *stem cap* (P154)



Step #3. Remove *bottom seal* (J003)
Note that the raised center of the seal always points up toward the body to be installed properly.



Step #4. Remove the *black stem* (P004)



Step #5. Remove *top cap* (P011)
Note the condition of the *top cap o-ring* (J042)



Step #6. Pull the *piston with plunger assembly* (PC073) from the body.



Step #7. Remove *top seal* (J002) from body.
Note that the raised center of seal always points up toward body.



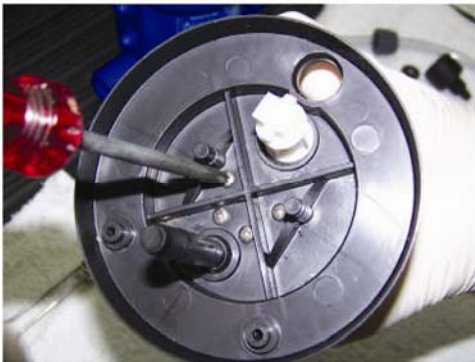
Step #8. With Phillips screwdriver, remove the two *screws* (8M010) with *washers* (8M032) to release the *wishbone spring valve assembly* (MP014).



Step #9. Note the position of the raised tabs on the top of the *output valve* (P012S). They must be positioned at 12 & 6 o'clock within the spring opening.



Step #10. Remove *wishbone spring valve assembly* (MP014) by sliding off of the *actuator assembly* (MP001)



Step #11. Remove the 4 *screws* (8M003) from the top of the piston to release the *actuator assembly* (MP001)



Step #12. Remove *actuator assembly* (MP001) from the *piston shell* (P013)



Step #13. Note the *push rod o-ring* (J020). There is only one needed and it may stay on the rod or it may stay in the shell.

The *push rod o-ring* should be replaced when replacing the piston shell.



Step # 14. Note the *push rod o-ring* (J020) as it would look when remaining in the shell.

The *push rod o-ring* should be replaced when replacing the piston shell.



Step #15. The *actuator assembly* (MP001) is now removed exposing the two *actuator springs* (M009) and the *o-ring* (20J006)

Typically both *actuator springs* are replaced when rebuilding a unit.



Step #16. The *plunger* (P009) and *slide* (P010) assembly consists of *slide valve spring* (M003) and the *slide valve pin* (M005).

The unit is shipped as standard to dose at 1:128. (1 oz. per gallon) Changing the pin position will adjust the dosing rate to 1:200 or 1:100.

Reassembly is the reversal of the forgoing steps while replacing any needed parts..