

Dosatron^R Fertilizer Injector Maintenance Check List

Date Inspected: _____

Injector Serial Number: _____

- Update Contact information for manufacture.
- Record date that maintenance was completed.
- Do not use tools when servicing or disassembling unit.
- Rinse injection areas occasionally after using the unit.
To do this, insert suction tube into container of clear water and inject for 3-5 minutes.
- Soak entire disassembled unit in soapy water prior to installing after non use period.
- Do a good overall visual inspection weekly.
- Evaluate working order of pistons and piston motor by listening to the pumping sounds as it runs.
- Bleed air from unit with first use and after fertilizer stock tank change.
This is done by slowly opening water supply valve and pressing black button on top after steady flow of water comes out slowly open water inlet valve to permitted maximum flow.
- Check weekly that water flow is not flowing back into the stock container by watching level of stock. The suction tube may also be filled with water and not fertilizer.
- Check yearly for contaminated, worn, or missing check valve parts and replace.
For procedure see manual page 11 under "Check Valve"
- Check the filter once a year for blockage, wearing or missing parts.
- Do a weekly mechanical check of proper suction of solution.
Listen for clicking pistons and/or blue water from hose end (run into white pail easier to see)
- Check weekly the inlet suction tube for air leaks.
- Check that suction tube and strainer are not blocked or clogged with each change of stock tank.
- Check yearly if check valve seal is present, is dirty and for wearing.
- Check yearly if plunger seal is present, is dirty and for wearing and wearing of injection stem.
Procedure in operation manual under "Injection System"
- Check weekly for leaks in the vicinity of the black nut under the body & between bell housing & body
- Check yearly diffuser seal is positioned correctly and is not damaged. (This is in the body)
- Check Bell housing for damage, proper positioning and presence.
- Check yearly motor, injection, and dosing seals to ensure precise injection and replace as needed. Dosatron sells seal kits for this intended purpose. Flow-through check will indicate problems.
- Check weekly dosing indicator for proper PPM's

Note: For cleaning purposes bleach is not recommended and can harm the injector.
Basic dish washing soap can be used. See Dosatron best practice recommendations
www.dosatronusa.com