



DOSATRON®

WATER POWERED DOSING TECHNOLOGY



Scan the QR code to watch our D14MZ2 Service - Mini Maintenance Kit video.

800-523-8499

www.dosatronusa.com

Mini Maintenance Kit	
(1) J009	Plunger Seal
(1) PDI739	Top Guide
(1) PDI729	Check Valve Cone
(1) MDI358	Check Valve Spring
(1) JDI105	Check Valve Cone O-Ring
(1) Cleanser-All	Dosa-Klean
(1) Silicona	DOSA-LUBE

Proper protection, such as gloves, eye wear, and aprons, are recommended when disassembling a Dosatron.

D14MZ2 Service - Mini Maintenance Kit

Before we start, make sure the injector is clicking. If not, be sure to watch the D14MZ2 Troubleshooting video.



Step 1: To service your D14MZ2 injector you will need the Mini Maintenance Service Kit (Part #: PJDI116).

To begin, unscrew the suction hose nut and remove the suction hose.



Step 2: Unscrew injection stem nut.



Step 3: Pull down on stem to detach from body of unit. Set the nut and body aside.



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Step 4: Unscrew and remove the check valve nut.



Step 5: Grab the barb and pull the check valve assembly straight out. Set the stem aside.



Step 6: To change the check valve parts hold the check valve assembly and twist the white top guide (Part #: PDI739) 1/4 turn counter clockwise to remove.



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Step 7: Remove the spring (Part #: MDI358) and cone (Part #: PDI729) and discard.



Step 8: Install the new parts by placing the o-ring (Part #: JDI105) onto the cone.



Step 9: Insert into the top of the barb.



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Step 10: Slide the new spring over the shaft and position the new top guide over the shaft.



Step 11: Align the guide and twist it 1/4 turn clockwise to lock. Give it a tug to make sure everything is in position.



Step 12: You can now reinstall the check valve assembly into the stem.



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Step 13: Reinstall the check valve nut.



Step 14: Set the stem aside and pick up the blue body. Remove the plunger seal (Part #: J009) by pinching it and rolling it off the plunger.



Step 15: Install the new seal onto the groove on the plunger.



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Step 16: To finish up, align the notches in the lower part of the blue body with the teeth on the top of the injection stem assembly.



Step 17: Reinstall the injection stem nut, hand tight.



Step 18: If the scale you prefer is not facing out, just loosen the stem nut and remove. Pull the stem down slightly, rotate it and push it back up. Reinstall the nut, hand tight.



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Step 19: Inspect the suction hose before installing. If it flares out, cut an inch or so off and reinstall.

Or if the suction hose is cracked, rigid, or looks really old, just replace it.

Now thread the suction hose nut onto the hose.



Step 20: Slide it onto the barb.



Step 21: Hand tighten the nut.

Make sure to set the injector to your desired setting.

Note: To watch the video go to Dosatron's video page www.dosatronusa.com/videos.aspx or YouTube Channel www.youtube.com/user/DosatronIntl