



DOSATRON®

WATER POWERED DOSING TECHNOLOGY



Scan the QR code
to watch our
D25RE09
Service video.

800-523-8499

www.dosatronusa.com

Seal Kit Part #: PJ127	
(1) JDI106	Dosing seal
(1) J024	Injection sleeve o-ring
(1) JDI098	Injection stem o-ring
(1) PJDI026	Check valve assembly

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

D25RE09 Service - Seal Kit

Before we start, make sure the Dosatron is clicking. If not, be sure to watch the Dosatron D25RE09 Troubleshooting video.



NOTE: To service your Dosatron D25RE09, you will need the seal kit (Part #: PJ127) and a Phillips head screwdriver.

Step 1: To begin, unscrew the suction hose nut and remove the suction hose.



Step 2: Unscrew the four screws at the base of the injection stem.



Step 3: Pull the stem straight out from the body of the injector. Set the body aside.



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Step 4: Unscrew and remove the check valve nut.



Step 5: Pull the check valve assembly straight out of the white stem. Discard the old check valve parts.



Step 6: Unscrew the lock nut.



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Step 7: Remove the anti-lock ring.



Step 8: Unscrew and remove the black adjusting nut. Then, remove the metal retainer.



Step 9: Push the white injection stem up and out of the black sleeve.



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Step 10: Now, remove the injection Stem o-ring (Part #: JDI098) by pinching and rolling it off of the white stem. Install the new o-ring into the groove.



Step 11: Then, remove the injection sleeve o-ring (Part #: J024) by pinching and rolling it off of the black sleeve. Install the new o-ring into the groove.



Step 12: To reassemble, align the groove in the white stem with the tooth inside the lower portion of the black sleeve.



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Step 13: Slide the stem down as far as possible.



Step 14: Slide the metal retainer onto the sleeve.



Step 15: Then, thread the adjusting nut onto the sleeve.



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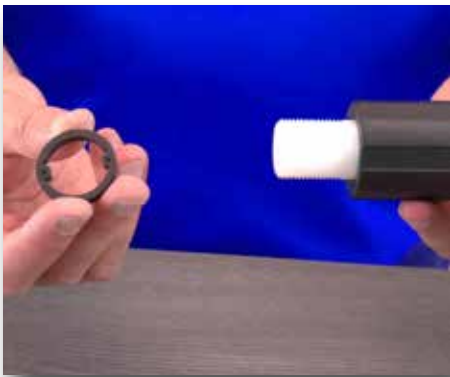
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Step 16: Set it around 1:200 or .5%. This will insure that you have enough threads for the next step.



Step 17: Then, align the teeth inside the anti-lock ring with the grooves on the white stem and slide it onto the bottom of the stem.



Step 18: Thread the lock nut on and hand tighten.



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Step 19: Now install the new check valve assembly (Part #: PJD1026) into the stem as shown.



Step 20: Reinstall the check valve nut. Set the stem aside.



Step 21: Pick up the unit and remove the plunger seal (Part #: JD1106) by pinching and rolling it off of the plunger. Install the new seal into the groove.



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Step 22: To finish up, place the protective cone in the body as shown.



Step 23: Carefully slide the injection stem assembly onto the plunger.



Step 24: Align the four holes in the metal retainer with the holes in the body.



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Step 25: Place the screws into the body. Position the scale on the stem to face outward. Hand-tighten the screws in a star pattern.



Step 26: Before installing the suction hose, inspect it. 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 go ahead and replace it.



Step 27: Now, thread the suction hose nut onto the hose.



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Step 28: Slide it onto the barb and hand tighten the nut.

NOTE: Make sure to set the Dosatron unit to your desired setting.

To learn more, scan the QR codes below for more information.



Scan the QR code to go to Dosatron's video page.



Scan the QR code to go to Dosatron's YouTube Channel.