



# DOSATRON®

WATER POWERED DOSING TECHNOLOGY



Scan the  
QR code  
to watch  
our D25RE2 -  
Service video.

**800-523-8499**  
**www.dosatronusa.com**

#### Service Kit Includes:

P169	Check valve barb
J024	Injection sleeve o-ring
PJ121	Injection stem assy
MPDI122	Check valve assy
J051	Check valve seal
J009	Plunger seal

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

## D25RE2 Service

**Before we start make sure the injector is clicking. If not, be sure to watch the D25RE2 Troubleshooting video.**



**Note:** To service your D25RE2 injector you will need the seal kit and a number two Phillips head screwdriver.

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



**Step 2:** Remove the suction hose.



**Step 3:** Unscrew the four screws at the base of the injection stem.



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## D25RE2 Service



**Step 4:** Pull the injection stem straight out from the body of the injector. Set the blue body aside.



**Step 5:** Unscrew and remove the check valve (Part #: P169) barb.



**Step 6:** Remove the check valve seal (Part #: J051).



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## D25RE2 Service



**Step 7:** Unscrew the lock nut



**Step 8:** Slide the anti-lock ring down and remove.



**Step 9:** Then carefully pry the check valve assembly (Part #: MPDI122) down and out of the stem. Discard the old check valve seal and assembly.



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## D25RE2 Service



**Step 10:** Unscrew and remove the adjusting nut.



**Step 11:** Then, remove the metal retainer by sliding it straight down.



**Step 12:** Push the white injection stem (Part #: PJ121) up and out of the black sleeve and discard.



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## D25RE2 Service



**Step 13:** While holding the black sleeve, remove the sleeve o-ring (Part #: J024).



**Step 14:** Replace with a new o-ring.



**Step 15:** Next, align the groove in the new white stem with the tooth inside the lower portion of the black sleeve and slide the stem down as far as possible.



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**Step 16:** Slide the metal retainer to the top of the black sleeve.



**Step 17:** Thread the adjusting nut back onto the sleeve.



**Step 18:** Install the anti-lock ring by aligning the teeth inside the ring with the grooves in the white stem.



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## D25RE2 Service



**Step 19:** Slide the anti-lock up and thread on the lock nut hand tight.



**Step 20:** Now, you can install the new check valve assembly into the stem.



**Step 21:** Place the new check valve seal with the groove facing upward into the new check valve barb.



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**Step 22:** Thread the barb onto the white stem and hand tighten.



**Step 23:** Pick up the blue unit and remove the plunger seal (Part #: J009) by pinching and rolling it off of the plunger.



**Step 24:** Install the new seal into the groove on the plunger.



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**Step 25:** If the white plastic retainer slides down, just reposition it with the slender part up into the body.



**Step 26:** The retainer should be pushed all the way up, like this.



**Step 27:** To finish up, align the four holes in the metal retainer with the holes in the body.



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**Step 28:** Place the screws into the body and position the scale on the stem to face outward. Hand tighten the screws in a star pattern.



**Step 29:** 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 really old, just replace it.



**Step 30:** Now, thread the suction hose nut onto the hose.



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## D25RE2 Service



**Step 31:** Slide the hose onto the barb.



**Step 32:** Hand tighten the nut.



**Step 33:** Make sure to set the injector to your desired setting.

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