



## DOSATRON D40MZ3000BPVFHY Injection Seal Kit Instructions

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**DOSATRON®**

*WATER POWERED DOSING TECHNOLOGY*

**Part PJD1216:**

**D40MZ3000 – 40 GPM**

**Injection Seal Kit**



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## D40MZ3000BPV FHY Injection Seal Kit

This kit contains:

(1) PJD1215	Check valve assembly
(1) JDI100	Injection sleeve o-ring
(1) JDI200	Plunger seal
(1) 20J006	Upper injection stem insert o-ring
(1) JDI120	Injection stem o-ring

### Kit Contents:

PJD1215: Check valve assembly	
JDI100: Injection sleeve o-ring	
JDI200: Plunger seal	
JDI200: Plunger seal	
20J006: Upper injection stem insert o-ring	



We recommend cleaning all parts with warm soapy water and a toothbrush before installing the new parts. Water normally lubricates the parts, but you may use silicone on the o-rings to facilitate insertion.

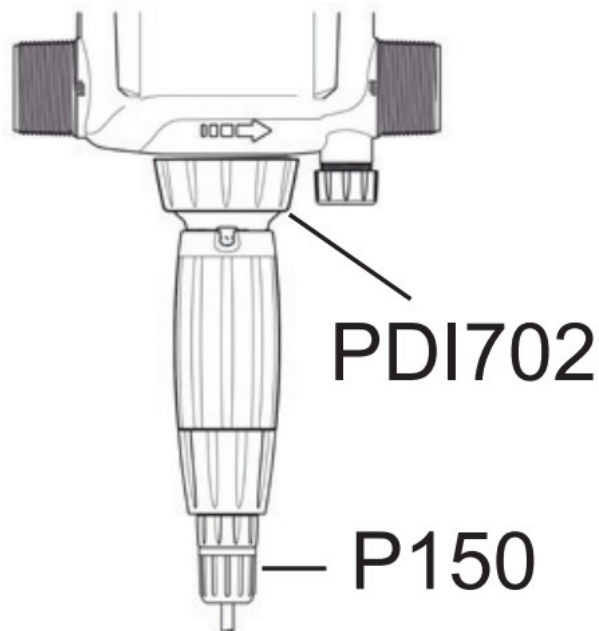


**CAUTION:** Parts may contain concentrated chemicals. The use of Proper Protective Equipment is recommended when performing maintenance.

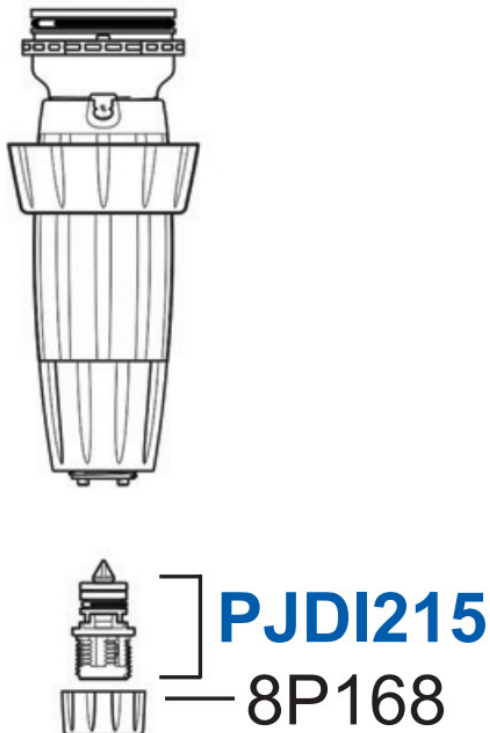
## Instructions

(Parts included in kit noted in blue)

1. Unscrew hose nut (P150) and remove hose. Unscrew injection stem assembly nut (PDI702) and pull down on stem to detach from body of unit.



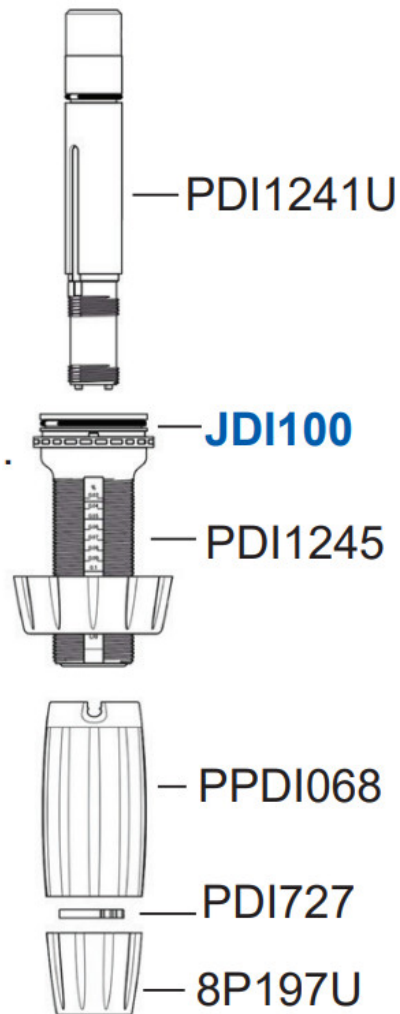
2. Unscrew check valve nut (8P168) and pull out check valve assembly (PJDI215). It may come out in one or two pieces. Be sure to remove the barb and check valve and discard.



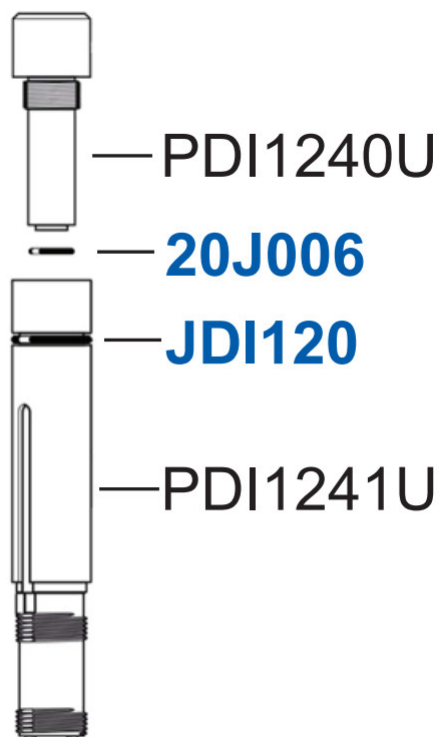
3. Unscrew locking nut (8P197U), remove "C" clamp (PDI727) by slightly spreading the opening and gently sliding it down over the threads. Unscrew adjusting nut (PPDI068). Holding the sleeve (PDI1245), push up on the

threaded part of the white injection item (PDI1241U) and slide it out of the sleeve from the top. Replace the injection sleeve o-ring (JDI100).

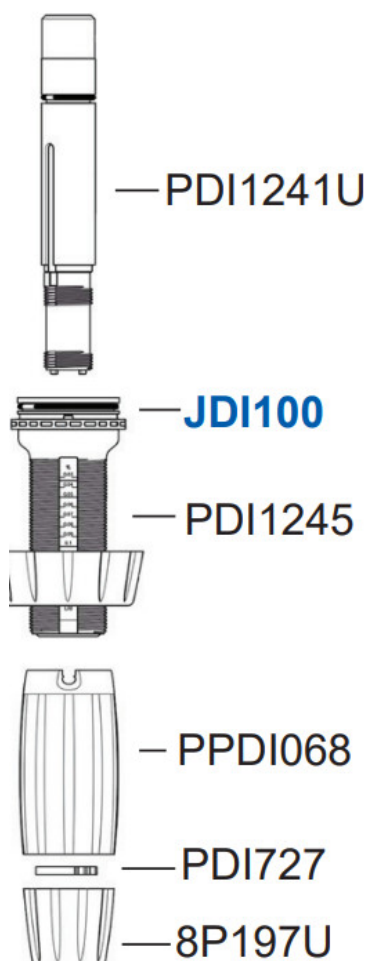
4.



From the injection stem (PDI1241U), unscrew the upper insert (PDI1240U). Flip the stem (PDI1241U) upside down so the upper insert o-ring (20J006) comes off, discard and replace. Remove and replace the injection stem o-ring (JDI120) as well. Screw the upper insert back on.

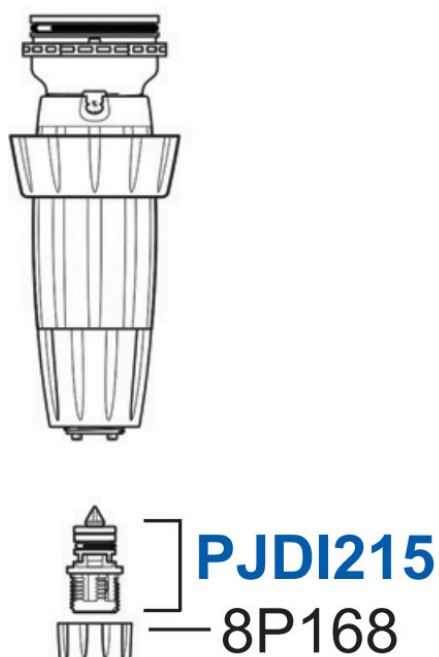


5. Slide the injection stem (PDI1241U) down into the sleeve (PDI1245), making sure the small key inside the sleeve is aligned with the longest groove on the white stem. Holding the graduated sleeve, pull down on the white stem as far as it will go. Thread the adjusting nut (PPDI068) back onto the sleeve (PDI1245). Reinstall “C” clamp (PDI727) by gently sliding it over the threads at the bottom of the white stem. Rotate clamp until it clicks into place. Screw locking nut (8P197U) back on.



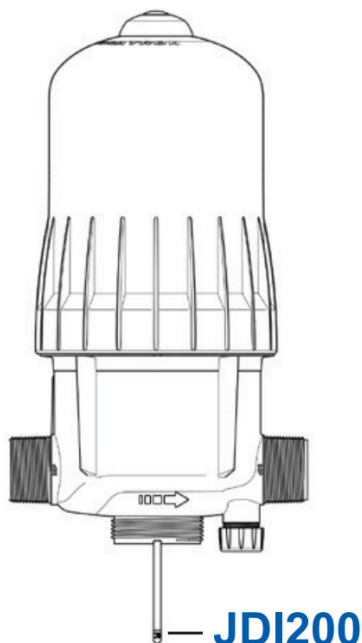
To remove o-ring easily without tools, squeeze it on either side to raise the seal, then slide it over the groove.

6. Insert the new check valve (PJDI215) at the bottom of the white stem, making sure that the 4 white keys on the check valve seat next to the 4 keys on the bottom of the stem. Screw check valve nut (8P168) back on.



7. Set the stem aside and pick up the blue body. Remove and replace the plunger seal (JDI200), by pinching it

and rolling out of the plunger or using a small flat blade screwdriver. Be careful not to damage the tip of the plunger.



8. Carefully push the complete injection stem assembly in position at the bottom of the blue body, making sure desired scale is facing front of injector. Use a vertical motion to avoid bending the plunger. Keys at the top of the graduated sleeve should slide into the slots at the bottom of the body. Slide injection stem assembly nut (PDI702) up the sleeve and screw back on. Insert hose back onto the bottom of the check valve barb and screw hose nut (P150) back on.



To ensure hose is air-tight, you may choose to carefully cut the top of hose before reinserting.

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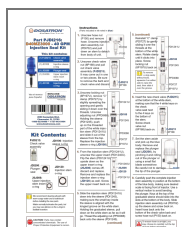
1-727-443-5404

[www.dosatronusa.com](http://www.dosatronusa.com)



LIT-PJDI216

## Documents / Resources



[DOSATRON D40MZ3000BPVFHY Injection Seal Kit](#) [pdf] Instructions

D40MZ3000BPVFHY Injection Seal Kit, D40MZ3000BPVFHY, Injection Seal Kit, Seal Kit

# References

Manuals+.