

Part #: PJDI060

(Replacement for Part #: EDDI006)

ONLY for serial numbers higher than 02111259



DI150-11GPM Injection Seal Kit

Ask us about our Maintenance Manuals available on CD!
(Also available on our website)



DI150
1:100 to 1:20
1% to 5%

KIT CONTENTS:

- 1 - **JDI024** Plunger o-ring
- 1 - **JDI014** Top seal
- 1 - **PJDI006** Check valve assy
- 1 - **JDI023** Injection stem o-ring
- 1 - **JDI018** Injection sleeve o-ring

Let us remind you when it is time for maintenance!
Register your unit at:
www.dosatronusa.com/pm
for automatic notifications.



DI150 Seal Kit Instructions *(Blue part number denotes it is part of the kit)*

If your unit's serial number is less than 02111259 call for instructions.

1. Unscrew the suction hose nut (PDI057) or metal clamp and remove suction hose.
2. Unscrew retaining nut (PDI255) and pull injection stem assembly down.
3. Unscrew the plunger assembly (PJDI011), do not use pliers on the plunger. If the metal washer (MDI031) stays on the thread of the metal rod remove it and drop inside the open part of the plunger (PJDI011). Replace plunger seal (**JDI024**).
4. Unscrew the bell housing and carefully remove piston by pulling it up. With the help of a quarter unscrew top seal retainer nut (PDI076) from inside the body. Replace top seal (**JDI014**) make sure the raised part is facing in. Screw top seal retainer nut back on. **DO NOT OVERTIGHTEN**. Carefully reinsert the piston with plunger rod, push it all the way down, screw the bell housing back on.
5. From injection stem assembly unscrew check valve nut (PDI410), remove check valve assembly (**PJDI006**) from injection stem. If only the check valve barb (PDI054 or PDI055) comes out, take a pencil (eraser side down) through the top of the injection stem and gently push the check valve guide (PDI052) out.
6. Unscrew locking nut (PDI408), remove anti-lock ring (PDI409). Unscrew the adjusting nut (PDI407). Remove the injection stem (PDI254) from the top of the injection sleeve (PDI256) making sure the ridges on the stem are not damaged. Replace the injection stem o-ring (**JDI023**) and the sleeve o-ring (**JDI018**).
7. Reinsert the injection stem (PDI254) into the top side of the injection sleeve (PDI256). Make sure that the long groove in the injection stem aligns with the tooth inside the injection sleeve. If the retaining nut (PDI255) is off the sleeve (PDI256) slide it back up. Thread adjusting nut (PDI407) onto the injection sleeve (PDI256) until reaches the top of the scale. Reinstall the anti-lock ring (PDI409) and locking nut (PDI408).
8. Insert check valve assembly (**PJDI006**) back into injection stem, and thread check valve nut (PDI410). **NOTE: If your injector is equipped with a 3/4" "viscous" barb (PDI055), pry the barb out of the new check valve from the kit, remove the o-ring and install it on your original 3/4" barb. Reassemble.**
9. Thread plunger assembly (PJDI011) back onto plunger rod, making sure the metal washer (MDI031) is inside the plunger assembly.
10. Insert injection stem assembly into the body and tighten retaining nut (PDI255).
11. Slide suction hose nut (PDI057) or metal clamp onto the suction hose, reattached suction hose onto check valve barb and tighten suction hose nut (PDI057) or metal clamp.

****DO NOT FORGET TO RESET YOUR INJECTION RATE TO THE PROPER RATIO****
TIP: Make sure the hose fits tightly onto the barb to avoid air intake during suction.

