Disassembly

1. Unscrew the suction hose nut (PDI057) and remove the suction hose.

2. Unscrew the bell housing (8MP003) and pull the piston assembly (8PC001) from the bottom of the unit straight out.

3. From the lower part of the piston assembly (8PC001) unscrew the white plunger assembly (8PJ008) and discard.

4. Unscrew the upper middle nut and pull the injection stem assembly (8CD031) out from the body of the unit.

5. From the injection stem assembly (8CD031), unscrew the check valve nut (PDI056) and remove the check valve assembly (PJDI006) by pulling straight down.

6. From the check valve assembly (PJDI006), remove the upper check valve assembly (8PJ018) and discard this part.

NOTE: If the upper check valve assembly (8PJ018) is stuck inside the white stem (8CD031), insert the eraser side of a pencil in the top of the white stem and push the upper check valve (8PJ018) out.

NOTE: Reassembly instructions on back.
**Reassembly**

7. Using the **Dosa-Lube** provided in the kit, rub a small amount onto the check valve barb o-ring (20J002), and place the new upper check valve assembly (8PJ018) on top of it.

![Diagram of check valve assembly](image)

**NOTE:** Do not apply Dosa-Lube inside the check valve.

8. Reposition the check valve assembly (PJDI006) back into the bottom of the white injection stem (8CD031) and screw the check valve nut (PDI056) back on.

![Diagram of check valve reassembly](image)

9. Apply a small amount of **Dosa-Lube** onto the injection stem assembly o-ring (8J026), then reinsert the injection stem assembly (8CD031) back into the bottom of the unit with the scale facing forward. Screw back the upper middle nut making sure the keys line up with the notches on the threaded diffuser nut (8P119U).

![Diagram of injection stem reassembly](image)

10. Take the new plunger assembly (8PJ008) and screw it back onto the end of the piston assembly (8PC001).

![Diagram of piston reassembly](image)

11. Take the whole piston assembly (8PC001) and reinsert it back into the body. Apply **Dosa-Lube** on bell housing o-ring (8J015). Screw the bell housing (8MP003) back on.

![Diagram of bell housing reassembly](image)

12. Cut 1” off from the top of the suction hose to ensure a tight fit, make sure to cut in a straight line. Attach the hose and the hose nut (PDI057) back to the unit.

![Diagram of suction hose reassembly](image)

**Don’t forget to reset your injection rate to the proper ratio.**