



## Plasson Pressure Regulator/Reducer Troubleshooting Steps - Pressure Cannot Be Adjusted

Take the following steps in the following order. After each step, check to see if the problem is solved and only then proceed to the next step.

### Problem cause #1: Pressure adjustment knob is stuck in upper position



**Option a:** Pull knob down forcefully to its proper location.



**Option b:** Turn knob in pressure raising direction all the way up until it will "jump" down to its proper location. Turn knob in pressure lowering direction.

### Problem cause #2: Internal leakage through flushing valve to outlet pressure



**Step a:** Perform a few successive flushing operations.



**Step b:** Disassemble the flushing valve. Check o-rings are undamaged and replace if necessary.

**Step c:** Replace the complete flushing valve.

**Note:** When reassembling or replacing the flushing valve, hand tighten the nut. **Do not over-tighten.**

### Problem cause #3: Internal leakage through the regulating valve to the outlet pressure



**Step a:** Disassemble the cover, unscrew the bolt and check for contamination or foreign particles between the regulating rubber washer and the sealing lip.



**Step b:** Check the regulating rubber washer is undamaged. Replace if necessary.



**Step c:** Check the sealing lip in the top shell is undamaged. Replace the top shell if necessary.

#### Important notes:

1. Each time pressure lowering is performed (including transition from "flush" to "regulate") draining of the water in the outlet (via the nipple line) must be performed. If the water is not drained, the pressure will not decrease.
2. After replacing seals and when reassembling the flushing valve, lubricate the o-rings with silicone lubricant (other types of lubricants may cause damage to the o-rings). Hand tighten the flushing valve nut. **Do not over-tighten.**
3. In all operations, when disassembling and cleaning, take care to not damage the seals and the sealing surfaces of the plastic parts





# Water on Demand

24/7 Pressure Management

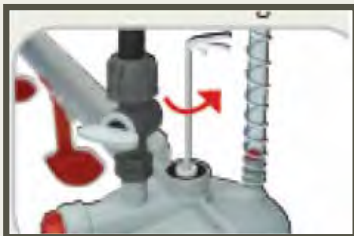


## WOD Reducer vibration prevention

1. Shut off the water supply to the reducer.
2. Raise the line so the chickens cannot reach the nipples.
3. Drain the nipple line through the nipples to ensure there is no trapped pressure in the nipple line.
4. Verify the adjustment knob of the pressure reducer is set to minimum pressure.



5. Open the black cap of the reducer.
6. Release the M6 bolt using an Allen key (#5) until it is loose enough to turn it by hand when holding the key stem.



7. Retighten the M6 bolt using an Allen key (#5) while holding the key stem.



8. Finish tightening the M6 bolt by turning the Allen key another 1/2 turn.
9. Hand tighten the black cap as much as you can.
10. Open the water supply to the reducer.
11. Lower the line to drinking height.
12. Check the pressure in the sight tube. If required, perform a calibrating procedure of all the lines (See CALIBRATION step g in the WOD installation instructions).

