



The Leader In Advanced Systems Integration

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Technical Guideline

Replace 35 psi In-Line Regulator

TG-95-0216

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PARTS INCLUDED

- One (1) 35 psi in-line regulator
- Two (2) tubing sleeves

TOOLS REQUIRED

- Side cutters or scissors



WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repared by a qualified service technician who is proficient in the repair of electro-mechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.



WARNING – Compressed Air. The compressed air system that operates this unit is under pressure. Compressed air can propel dust or loose particles and can cause bodily injury or damage. Always turn the system off and bleed off air pressure before attaching or removing air lines or accessories or servicing this unit. All air lines should be periodically inspected and replaced if worn or damaged. If an outside compressed air supply is used to power this unit, the air supply must be regulated to 80 psi or below. Excessive air pressure could cause certain components to rupture.

INSTRUCTIONS

1. Turn off air supply to unit.
2. Run air/water syringe to relieve compressed air in system.
3. Locate existing water bottle bracket assembly and remove existing bottles from bracket. (Fig. 1)



Fig. 1



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4. Locate the stainless steel regulator up inside the closed water system bracket behind the pressure heads (it is held in place by a black plastic clip). Pull the regulator down and out of the plastic clip. (Fig. 2)

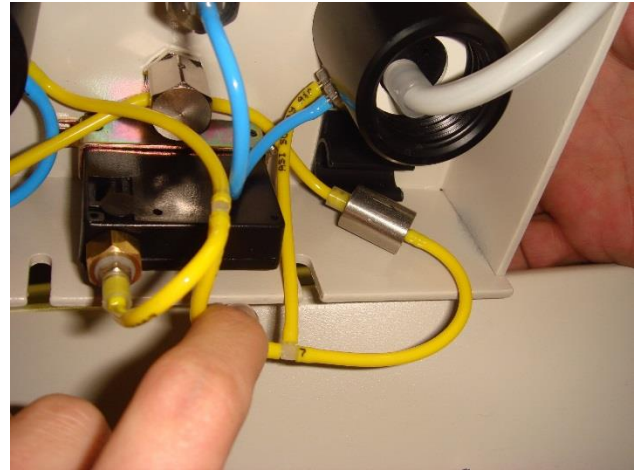


Fig. 2

5. Clip yellow tubing on both sides of regulator. (Fig. 3)

NOTE: There is a small arrow on the regulator make sure to note the direction it is pointing, the new regulator will need to be oriented the same way.

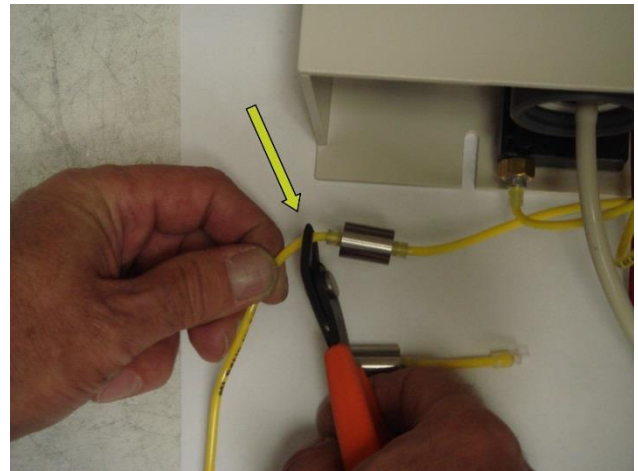


Fig. 3



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- Slide supplied tubing sleeve over cut end of yellow tubing then attach new regulator by inserting into tubing. Once you have inserted the regulator into the tubing slide tubing sleeve over the connection to secure it. (Fig. 4)

NOTE: Pulling back on tubing while sliding the sleeve over will help seat and secure the sleeve.

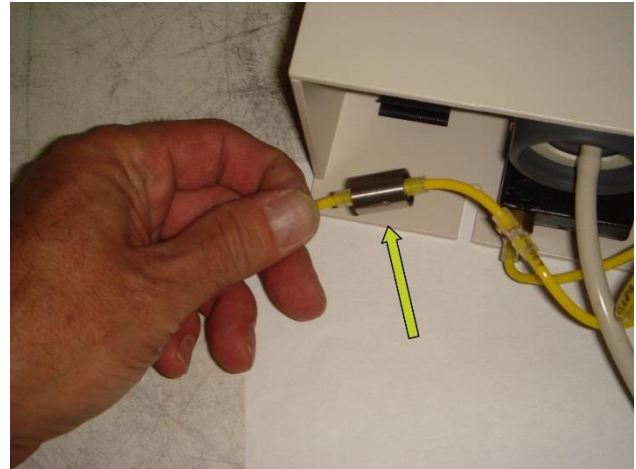


Fig. 4

- Place regulator back into black plastic clip.
- Re-attach bottles and turn system on. Check water bottle pressure gauge to ensure that it reads 30-35 psi. (Fig. 5)



Fig. 5