

Procedure to Change Out Rod in Airpot Actuators or Dashpots

Note: Each piston is select fit for every cylinder. **WE STRONGLY RECOMMEND THAT YOU REFIT ONE ROD ASSEMBLY AT A TIME. THIS WILL ELIMINATE THE POSSIBILITY OF MIXING UP PISTONS AND CYLINDERS.**

- Roll back rubber sleeve on rod end of glass cylinder.
- Slide off plastic piston retainer from end of cylinder. Save retainer.
- Remove rod/piston assembly from cylinder.
- Important: Keep the graphite piston clean of dirt and oils. Handle piston carefully (as if you are holding an egg). Avoid handling of OD of piston with your fingers.
- While holding hexagonal joint body securely, remove nut on top of piston. We recommend holding the joint body with needle nose Vise grip pliers. Nut has been secured with removable Loctite.
- Please note assembly order of washers.
- Reassemble with new rod assembly and original washers. Use new nuts which are free of Loctite. Tighten nut to 6 inch-lbs. This is a very low torque, so please use a torque wrench. Overtightening will distort the piston.
- Apply small drop of Loctite 290 to interface of nut and threaded stud. Loctite 290 is a wicking type that is meant to be used after assembly.
- Allow 1 hour for curing of Loctite.
- Wipe OD of piston with a clean, lint free cloth.
- Blow out cylinder with clean, dry air while holding cylinder firmly.
- Carefully put piston back in the cylinder. It should enter easily. If it sticks while entering cylinder, remove and try again.
- Slide piston retainer back over cylinder OD.
- Roll rubber sleeve back over piston retainer.

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