

OPERATING INSTRUCTIONS

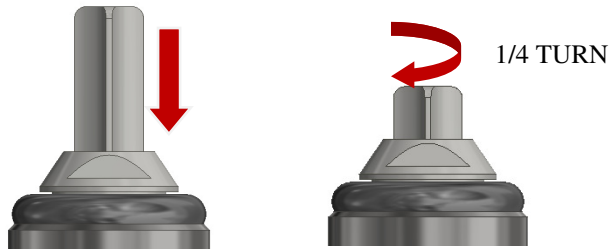
RPV Pin Removal and Installation

DESCRIPTION:

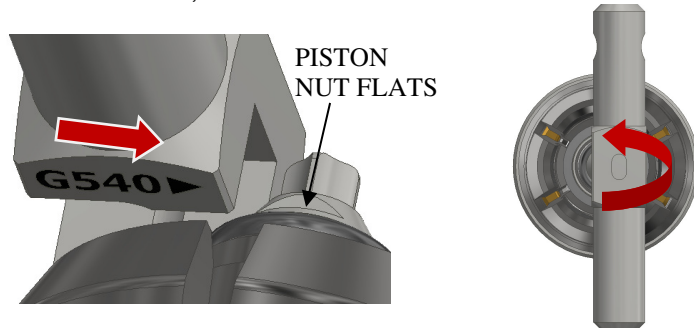
Residual pressure valve (RPV) pin removal, installation, and maintenance on compressed gas connectors.

REMOVAL:

- 1) Using the RPV pin tool (p/n G580RPVPT), retract the RPV pin if it is not already. Push pin in and turn 90 degrees.
 - a. If not using the RPV pin tool, you do not need to retract the pin, and may want the pin extended. Use pliers.



- 2) Using an adjustable wrench or G580RPVPT, remove the piston nut by turning counterclockwise. G580PT has two sides, the large one for G580 connectors, and the smaller one for G540 connectors.

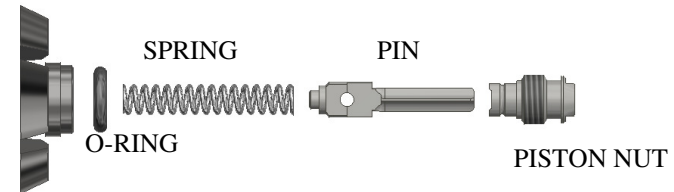


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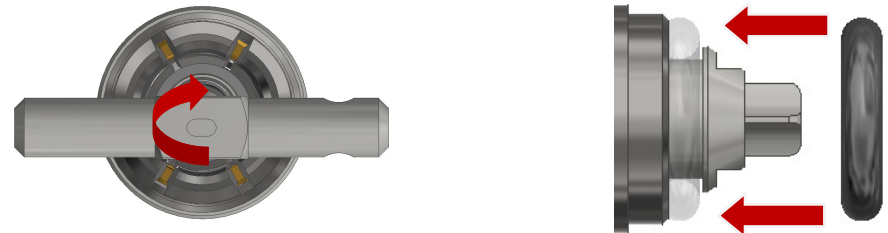
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- 3) Remove pin, spring, and o-ring once top nut is removed. Take care as contents are spring loaded when pin is retracted. Discard only the parts you are replacing. It is recommended to replace the spring and o-ring along with the pin.



INSTALLATION:

- 1) Insert spring into piston bore, followed by pin and piston nut.
- 2) Using an adjustable wrench or G580RPVPT, tighten the piston nut. Do not over tighten. Damage to nut may occur.
- 3) *G540 ONLY* It is recommended to use torque tool (p/n G540RPVTK), which is set at 35 in-lb (4 N-m) to tighten nut.
- 4) Install o-ring between piston and piston top nut. Installation completed.



MAINTENANCE:

- 1) Check weekly to ensure nut is seated and torqued properly. Use adjustable wrench, G580RPVPT, or for G540 connectors use G540RPVTK.