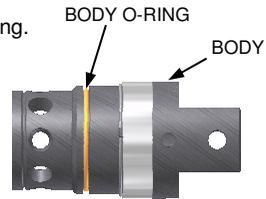


REBUILD INSTRUCTIONS

REASSEMBLE:

Use all the new seals provided and lubricate lightly with an oil compatible with your system / process during assembly. Replace pins, springs, balls and handle with new parts as provided in the rebuild kit.

- 1) Replace body o-ring with new urethane o-ring. Lubricate.



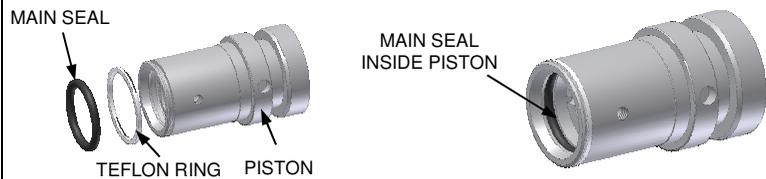
- 2) Lube all eight holes on body with Vaseline. Install all eight new balls. Once all the balls are in place, push the body all the way into the sleeve.



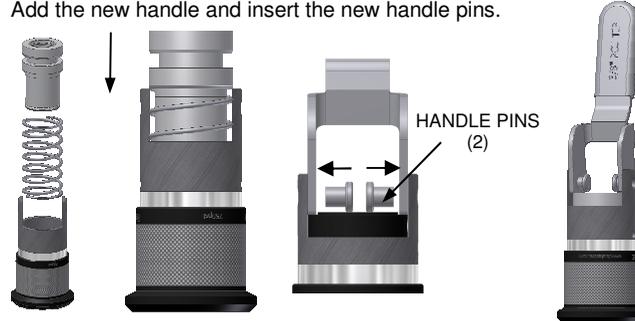
- 3) Pick up the assembly and push the sleeve back to expose the snap ring groove. Insert the new snap ring into its groove.



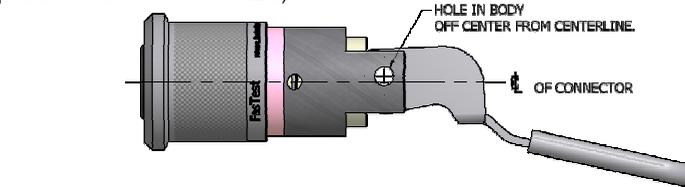
- 4) Replace the new main seal and the new Teflon ring on the piston.



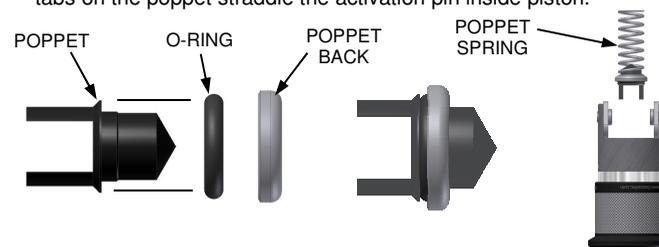
- 5) Place the piston and new large spring into the main body assembly. Add the new handle and insert the new handle pins.



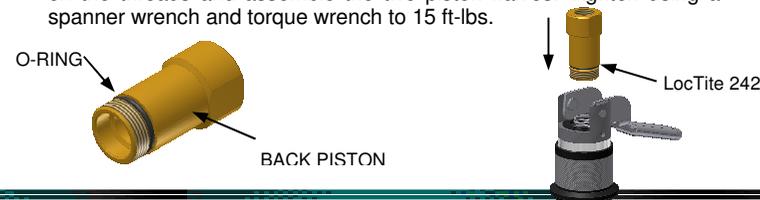
NOTE: 1/4" SIZE (KA04xx) REQUIRES HANDLE ORIENTATION. THICK SIDE OF HANDLE MATCHES TO THICK SIDE OF BODY TAB AS SHOWN. (No special orientation on 3/8" size.)



- 6) Lubricate the poppet o-ring and place it on the poppet. Then slide on poppet back. Place new poppet spring on top of poppet. Make sure the tabs on the poppet straddle the activation pin inside piston.



- 7) Replace the o-ring on the brass back piston. Use a drop of LocTite 242 on the threads and assemble the two piston halves. Tighten using a spanner wrench and torque wrench to 15 ft-lbs.



KRxxxx Rebuild Kit Instructions RQD Valved In-Line Connector

DESCRIPTION: Rebuild Kit for Internally Valved RQD Connectors.



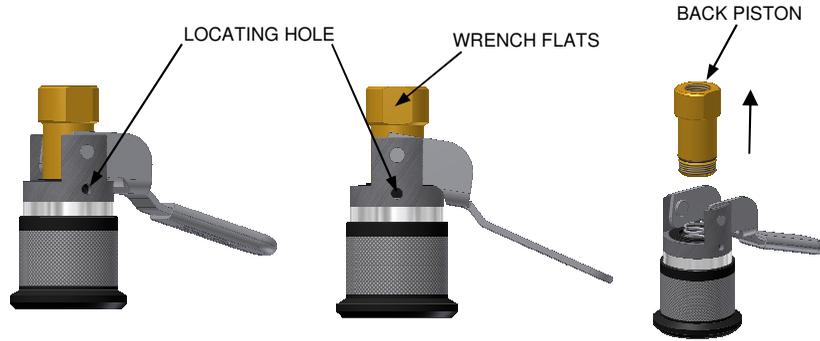
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PAT PENDING

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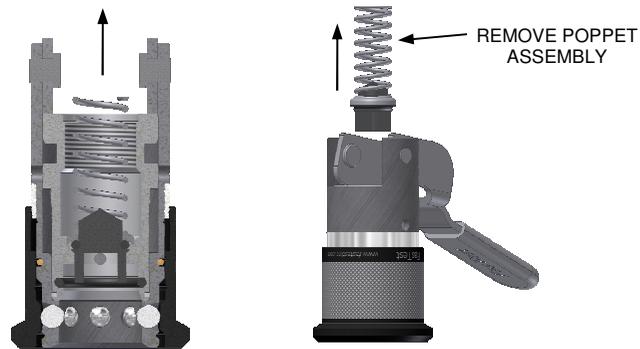
REBUILD INSTRUCTIONS

DISASSEMBLY:

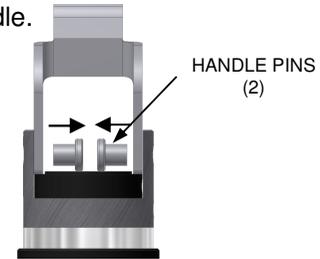
- 1) Activate the handle and align the spanner holes of the piston to the body. Using a spanner wrench to hold the body and piston then use a wrench on the flats to thread out the brass back piston. Note that the joint is held by Loctite so some heat may be applied for ease of removal.



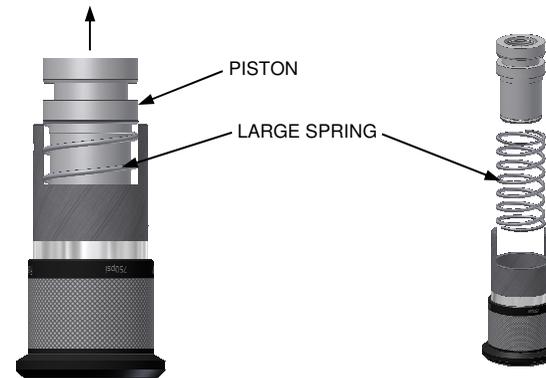
- 2) Once the brass back piston is removed, remove the spring and poppet assembly.



- 3) Remove the handle pins and handle.



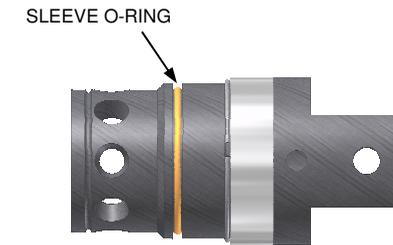
- 4) Remove the piston and spring from the main body assembly.



- 5) Slide sleeve back to expose snap ring, remove the snap ring on the front of the main body assembly and slide off the sleeve. Note the balls will be free so place in a catch basin.



- 6) Remove the sleeve o-ring.



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