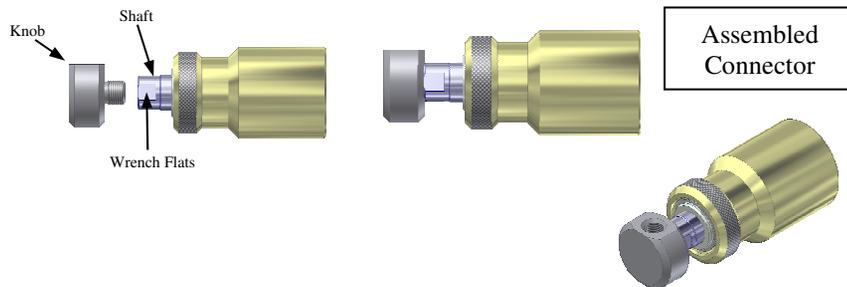


REPAIR KIT INSTRUCTIONS

- Re-install Handle Knob. Clamp knob in vise and apply a drop of Loctite 569 onto threads of knob.
- Thread the Handle Knob into the shaft of connector. **Tighten using a 13mm Open End Wrench.** Knob should be tightened to 18 ft-lbs.



- CAUTION:** The maximum rated pressure is stamped on the connector body. Before using, verify that this pressure rating is within your working pressures.
- WARNING:** Connect test piece and tug on the connector to assure proper engagement and gripping before introduction of pressurized media.
- DO NOT** force connector onto test part when connecting. The split collet design should easily mate with test piece. Forcing the connector will result in poor sealing and possible leakage.
- DO NOT** turn or rotate connector after the collets have gripped the test piece. Damage to test piece and the connector's internal parts may result.

FasTest, Inc. Product Warranty

FasTest, Inc. warrants its products against defects of workmanship and/or material for **12 months** from the date of the sale by FasTest, Inc. This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with FasTest, Inc. recommendations and/or instructions. FasTest, Inc. is not liable for consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option of FasTest, Inc. All allegedly defective products must be returned prepaid transportation to FasTest, Inc. along with information describing the products performance, unless disposition in the field is authorized in writing by FasTest, Inc.

HPB Connector Repair/Rebuild Kit

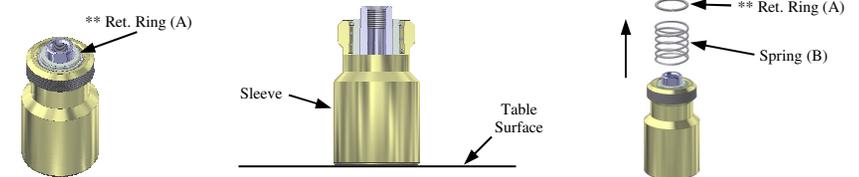
“**” Denotes items included in the kit.

Disassembly:

- Remove Handle Knob from Connector. Place knob in vise and loosen shaft from knob using a **13mm Open End Wrench.**



- Place connector on flat surface and remove ret. ring (A) using small screwdriver/sharp tool.
- Save spring (B), discard ret. ring (A).

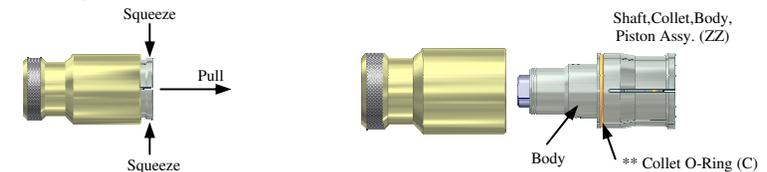


- After (A) & (B) are removed, slide connector to edge of table. Make sure collets remain inside sleeve and flush with end of sleeve.

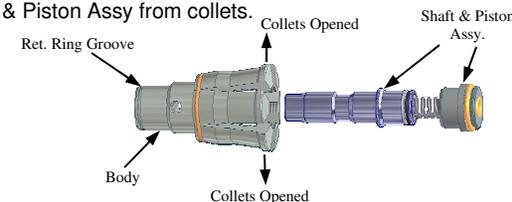
- Push on shaft with left thumb and squeeze collets as they expose themselves from sleeve with right hand.



- Continue to squeeze collets as you pull the entire assembly from sleeve.



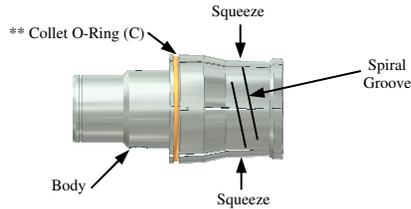
- After (ZZ) Assy is removed from sleeve grab body with either hand allowing collets to open. Pull Shaft & Piston Assy from collets.



REPAIR KIT INSTRUCTIONS

8. **Collet O-Ring or Garter Spring (C) removal and replacement.** Squeeze tightly around collets with either hand. Using a repair pick, or similar tool remove o-ring (C). **Replace with new o-ring (C) to keep collets together on body.**

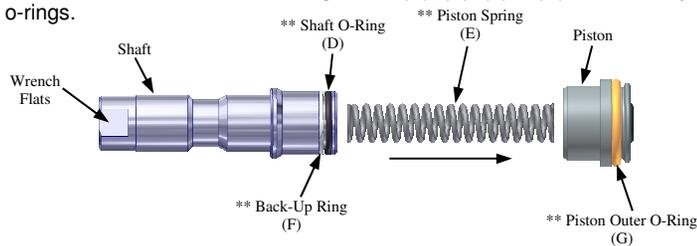
Note: Collets are a matched set. If collet(s) fall off body they must be assembled correctly. There is a spiral groove on the outside of collets that must be aligned as they are assembled.



9. Spring force will push piston off of shaft. This will expose (D) & (F) on shaft.



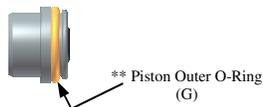
10. Remove and discard the following items: (D), (E), (F) & (G). Use a sharp tool to remove o-rings.



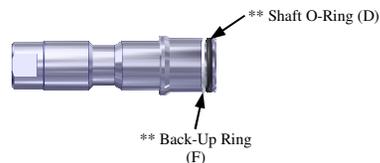
Reassemble:

Use all the new seals provided and lubricate lightly with silicone.

1. Install new piston outer o-ring (G).



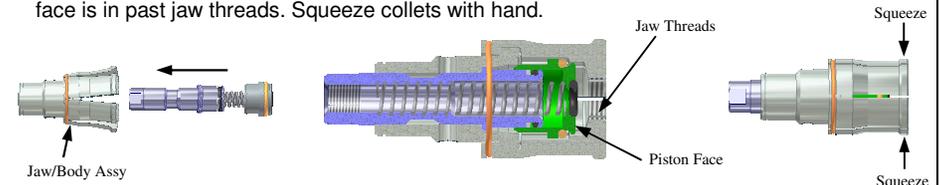
2. Install the following two new items onto shaft (D) & (F).



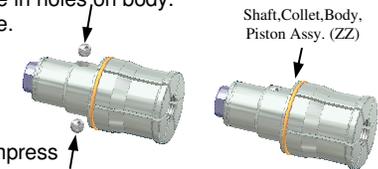
3. Install new piston spring (E) into shaft. Then place piston onto spring as shown.



4. Using an arbor press or best set-up push shaft assembly into jaw/body assembly until piston face is in past jaw threads. Squeeze collets with hand.



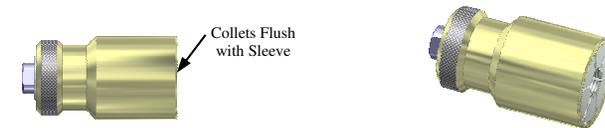
5. Maintain squeeze on collets and make sure balls are in holes on body. Assembly (ZZ) is now ready to be inserted into sleeve.



6. Maintain squeeze on collets and insert assembly (ZZ) into sleeve. When assembly has gone as far as possible into sleeve you must compress shaft to allow balls to recess into body.



7. Insert assembly (ZZ) until collet faces are flush with end of sleeve.



8. Place connector on a flat surface and install spring (B) and new ret. ring (A).

