
10. 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**

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**HPB Connector Repair/Rebuild Kit**

“***” Denotes items included in the kit.

**Disassembly:**

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

2. Place connector on flat surface and remove ret. ring (A) using small screwdriver/sharp tool.

3. Save spring (B), discard ret. ring (A).

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

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

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

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