5. Install new o-ring onto connector.

6. Thread valve housing assembly back onto connector.

Safety-General Guidelines:

- Test/operate connector with pilot pressure only prior to applying media pressure to termination port.
- Use only in a safe environment.
- Connectors are NOT designed for permanent connections and are for temporary connections only.
- DO NOT EXCEED pressure rating as marked on connector or corresponding literature.
- Use only original FasTest spare parts that are designed for the application and are subject to strict quality control. See warranty.

FasMate Thumb Valve Rebuild Kit RFV100

Description: Rebuild Procedure for Thumb Valve Cartridge and Housing Seal Kits for FN & FX FasMate Connectors.

Connectors Covered By This Instruction Are As Follows:
- FNV Connectors, Body Sizes 1 - 5.
- FXV Connectors, Body Size 1 & 2.

Please thoroughly read and understand each of the following procedures on Thumb Valve Cartridge and Housing rebuilds.

Basic/Common components.
NOTE: YOU MAY NOT NEED ALL SEALS CONTAINED WITHIN THIS KIT. STANDARD REBUILD KIT FOR SEVERAL THUMB VALVE CONNECTORS.

DISASSEMBLY:

1. Unthread valve housing assembly from connector. Remove and discard o-ring (a) from connector.

2. CAUTION: With pilot airline still attached to housing, wrap valve housing in a rag and push thumb valve (PILOT PRESSURE WILL PUSH PISTON OUT) to remove piston inside housing. **FX Valve Housings do not have pistons!!** Remove and discard o-ring (b).

3. Using a punch pin or like tool (Ø3/32” OR SMALLER), press spring pin out of housing and discard. Then pull valve cartridge out of the housing.

4. Remove c-clip retaining ring from valve cartridge. Discard c-clip, spring and all o-rings. Be careful to not scratch o-ring grooves.

REASSEMBLY:

Lube all o-rings with a petroleum based lubricate.

1. Install new o-rings onto valve piston and body. NOTE SIZE DIFFERENCE and LOCATION BETWEEN O-RING (c) & (d)!

2. Install new spring into body, push piston down into body and attach new c-clip.

3. Install rebuilt valve into housing using your thumb; make sure valve is seated all the way into housing! Also install new o-ring onto piston and gently push piston into housing.

4. Using a punch pin or like tool press new spring pin into place on the housing.