

OPERATING INSTRUCTIONS/MAIN SEAL REPLACEMENT



Connector Maintenance:

- A daily, weekly and periodic inspection of the connector by competent person is recommended. User must establish a regular interval for maintenance as determined by the user media and operational environment.
- Inspection should include visual checks of the collet sealing area, sleeve, missing or loose components, leak tightness, ease of operation, sufficient lubrication, wear, dirt accumulation and damage.
- Establish a regular interval for lubrication. The media and environment will be determining factors in establishing this interval to prevent dryness and/or corrosion.
- Difficulty of operation after continual use indicates a need for lubrication or other maintenance.
- Use only original **FasTest** spare parts that are designed for the application and are subject to strict quality control. See Warranty.

Safety Warnings – Guidelines:

- If instructions are not completely understood by operator or components are missing, contact **FasTest** before attempting use of the connector.
- **FasTest HPB** Connectors are not internally valved and will not prevent loss of media when disconnected. Do not attempt to disconnect unless safe conditions are met.
- **FasTest HPB** Connectors must only be used with test pieces of a specific size as indicated by the part number. Improper use could cause separation of the connector from the test piece resulting in physical harm or damage.

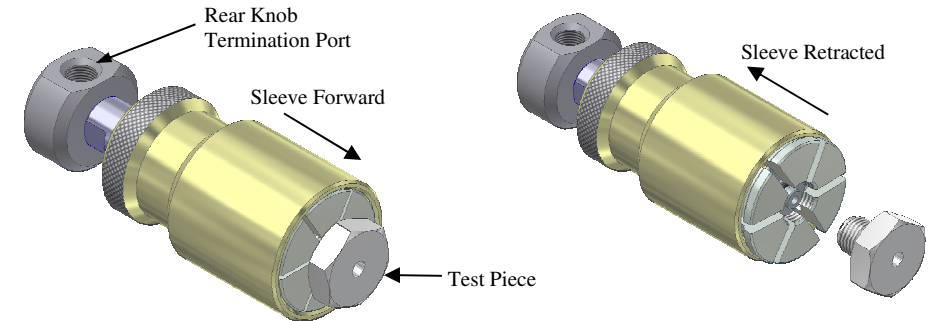
FasTest, Inc. Product Warranty

FasTest, Inc. warrants its products against defects of workmanship and/or material for 1 year 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 OR 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 on 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 Sleeve Activated Connectors

Description: HPB Series Connectors Seal on Male Threads or Male Tube Features.



Sleeve Forward Position:
Test Piece Connected & Sealed.

Sleeve Retracted Position:
Insert or Remove Test Piece.

HPB Connectors provide a reliable leak-tight connection that grips and seals on male threads. Simply insert male end of test piece into collets and slide sleeve forward, collets will collapse to grip and seal.

Please thoroughly read and understand these operating instructions prior to operating the connector. The use of pressurized media for sealing and testing requires a thorough understanding of the **FasTest HPB** Operating Instructions.

- Installation
- Operation
- Main Seal Replacement
- Connector Maintenance
- Safety Warnings – Guidelines

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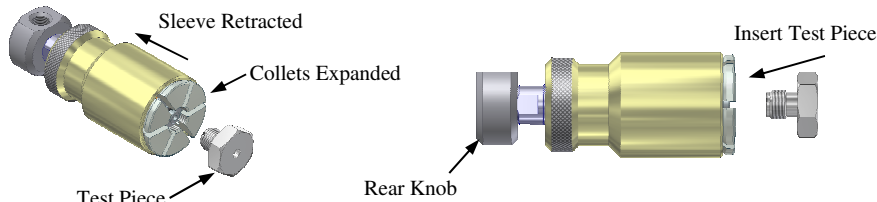
Installation:

Connect hose securely to the termination port of the connector.
 1/8" NPT tighten to a maximum torque of 12 ft-lbs.
 1/4" NPT tighten to a maximum torque of 25 ft-lbs

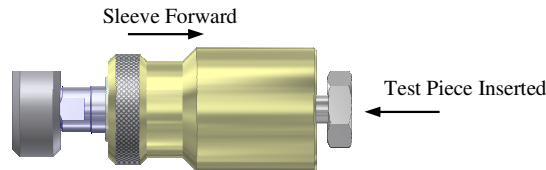
Operation:

Connecting Action:

1. With sleeve manually retracted and collets expanded, test piece can be inserted. Collets will open to allow insertion of test piece.

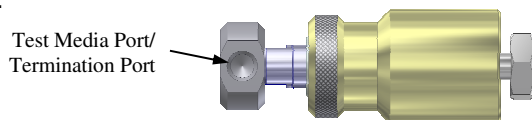


2. Insert test piece and slide sleeve forward collapsing collets around test piece.



- CAUTION: The maximum rated pressure is stamped on the connector body. Before using, verify that this pressure rating is within your working pressures.
- WARNING: 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.

3. Activate test media through connector test port. Pressure will enhance the seal.

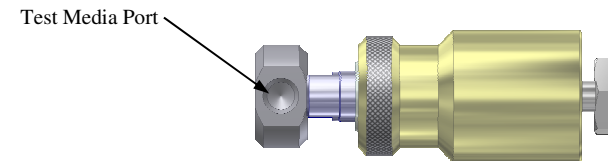


Pressurized:

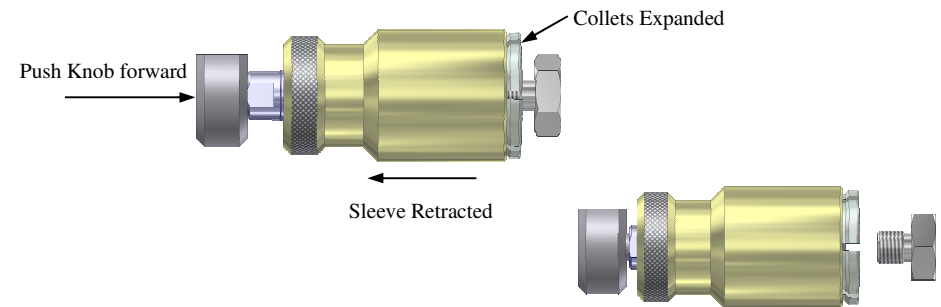
During pressurization, the test media port will extend out from the connector. This motion will lock the connector to prevent accidental removal. **DO NOT** obstruct this movement.

Disconnecting Action:

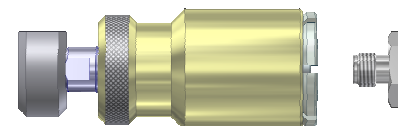
1. Deactivate test pressure.



2. **Push on back side of rear knob and retract sleeve simultaneously. Push knob forward as far as it will go when disconnecting from test piece, this helps to reset the inner piston.**



3. Remove connector from test piece.

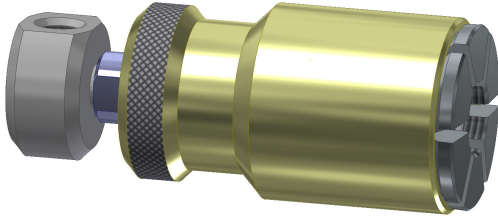


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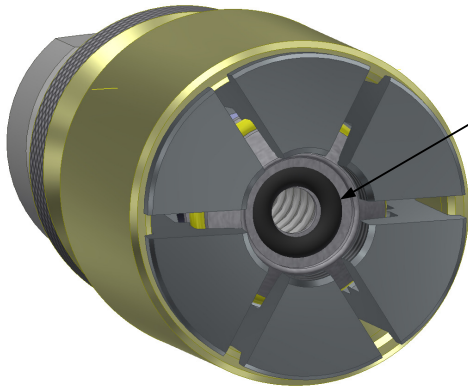


Main Seal Replacement:

1. Slide sleeve back allowing the collets to open.



2. With the collets open it will be easier to remove main seal o-ring from the piston.



3. Using a pick like tool, remove o-ring from piston making sure not to scratch o-ring groove.

4. Place new o-ring into groove. DO NOT USE ANY TYPE OF LUBRICATION ON NEW O-RING.

5. Press into groove with finger-tip or a blunt type tool that will not damage piston or new o-ring.