

Main Seal Replacement & Re-Build Instructions

Patent Pending

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Your Productivity Connection

Connector Maintenance:

- User must establish a regular interval for maintenance as determined by the user media and operational environment.
- Inspection should include visual checks of the sealing area, jaw wear, 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. **Lubrication to the backside of jaws is recommended!**
Petroleum Lube is optimal.
- Use only original **FastTest** spare parts that are designed for the application and are subject to strict quality control. See Warranty.

Safety Warnings – Guidelines:

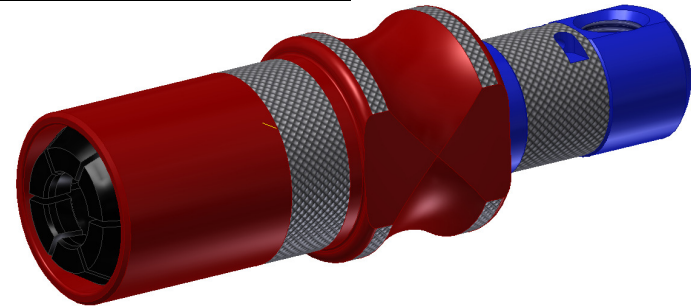
- If instructions are not completely understood by operator or components are missing, contact **FastTest** before attempting use of the connector.
- Application Safety: All **FastTest** products have been designed with safety in mind; however, it is the responsibility of the products users to design each process in such a way to avoid mishaps that can cause physical hazard or property loss. Secondary restraints such as safety chains, shields, cages or fixtures are all good choices depending on the application. **FastTest** can recommend or assist you in clarifying potential hazards of your application.
- **FastTest ZF Connectors are not internally valved, and will not prevent loss of media when disconnected. Do not attempt to disconnect unless safe conditions are met.**
- **FastTest ZF** Connectors must only be used with test pieces of a specific size range as indicated by the part number. Improper use could cause separation of the connector from the test piece resulting in physical harm or damage.

FastTest, Inc. Product Warranty

FastTest, Inc. warrants its products against defects of workmanship and/or material for 1 YEAR from the date of the sale by FastTest, Inc. This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with FastTest, Inc. recommendations and/or instructions. FastTest, 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 FastTest, Inc. All allegedly defective products must be returned prepaid transportation to FastTest, Inc. along with information describing the products performance, unless disposition in the field is authorized in writing by FastTest, Inc.

ZF Main Seal Replacement & Repair Kit Re-Build Instructions



EZ Connector ZF Connectors are designed to provide a safe, reliable leak-tight seal and connection when properly maintained and operated on Barbed and Bead Formed Tubes.

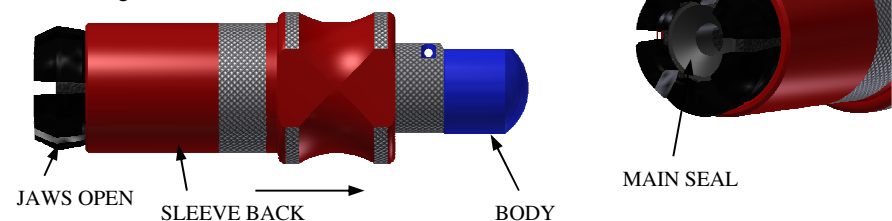
Please thoroughly read and understand these repair instructions prior to disassembling the connector.

Tools required are a sharp pick and a small flat screwdriver.

- Main Seal Only Replacement
- Repair Kit/Re-Build Instructions
- Connector Maintenance
- Safety Warnings – Guidelines

Main Seal Replacement:

1. Slide and hold sleeve back allowing jaws to open. With jaws open the main seal in piston is exposed enough to remove.



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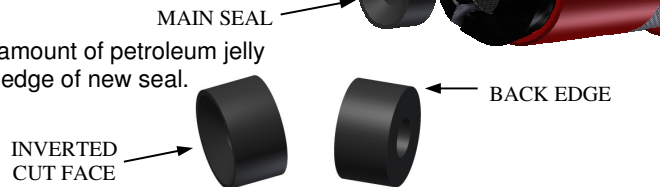
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WP136 Rev C 8/24/2015

Main Seal Replacement & Re-Build Instructions

- Using sharp pick or small flat screw driver, poke tool into inside diameter of main seal and pull out of piston.

NOTE; BE CAREFUL NOT TO DAMAGE PISTON!

- Place a very small amount of petroleum jelly (Vaseline) on back edge of new seal.

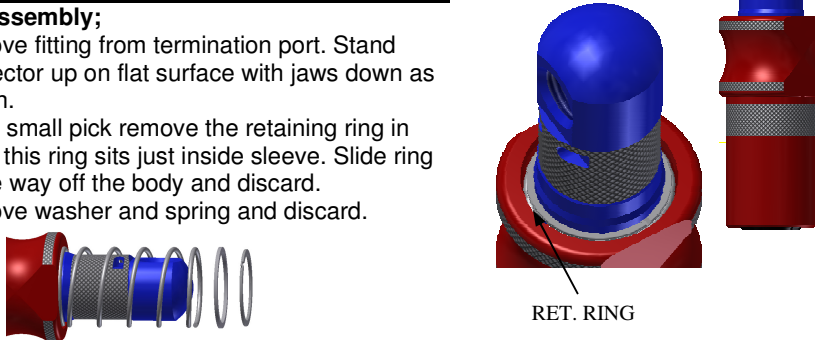


- With sleeve still pulled back and jaws open install new main seal. Push new seal into piston with inverted cut facing out. Using your thumb or any type of rounded instrument push new seal into piston.

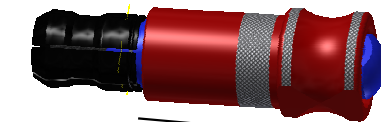
Repair Kit / Re-Build Instructions:

Dis-assembly;

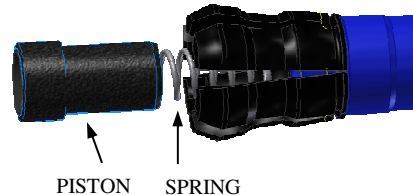
- Remove fitting from termination port. Stand connector up on flat surface with jaws down as shown.
- Using small pick remove the retaining ring in body, this ring sits just inside sleeve. Slide ring all the way off the body and discard.
- Remove washer and spring and discard.



- Remove sleeve in the same direction as retaining ring and sleeve spring. As sleeve is removed hold jaws collapsed with other hand. This will keep the piston contained inside the jaws.



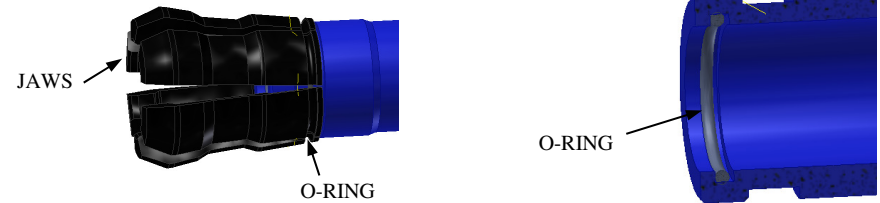
- With sleeve completely removed, carefully allow jaws to open far enough to let piston and piston spring come forward and out of body. Discard spring.



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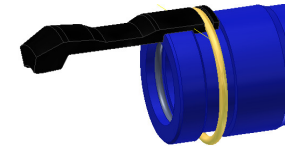
- Remove jaws and retaining o-ring, discard o-ring.



- Remove and discard internal o-ring inside body. Use caution when removing this o-ring not to scratch groove.

Re-Assembly;

- Lube body o-ring with petroleum jelly and install into internal groove.
- Place one jaw segment onto body then wrap new urethane o-ring around jaw groove and body. Install remaining jaw segments under urethane o-ring.
- Install new spring into body and place piston onto spring.
- Push piston down into body until jaws collapse and surround piston. You will feel resistance from internal seal/o-ring in body.



- Holding jaws closed with one hand load sleeve with the other hand.



- With sleeve loaded, stand connector up in vertical position and install new sleeve spring, washer and new retaining ring. Use pick or small flat screwdriver, spiral the retaining ring down body and into groove on body.

