

## **XT with SurConnect™**

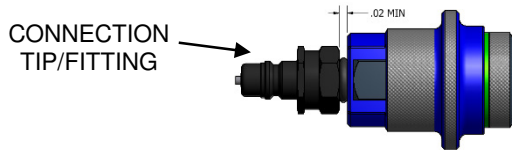
### **Rebuild Instructions**

## 2 Rebuild Instruction XT with SurConnect™

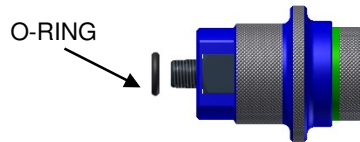


### Disassembly of SurConnect

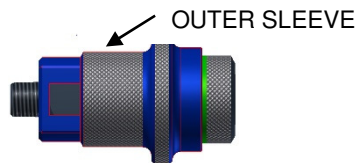
1. Remove connection tip or fitting from the termination port of the connector. The connector tip is what holds the assembly in place.



2. Remove the O-ring over the NPT termination threads.

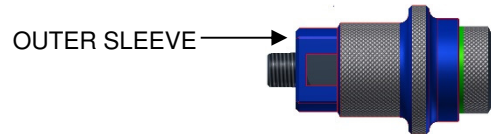


3. Remove the outer sleeve that is covering the spring and green ring.
4. Remove green ring and the spring from the connector

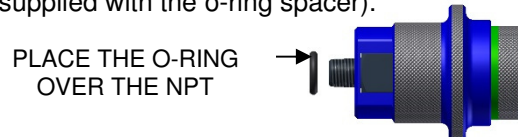


### Reassembly of SurConnect

2. Slide the outer sleeve of the assembly over the spring and green ring.

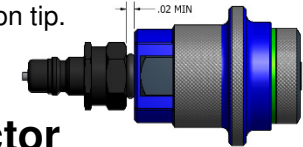


3. Place the o-ring over the NPT termination threads. (Note: This only pertains to kits supplied with the o-ring spacer).

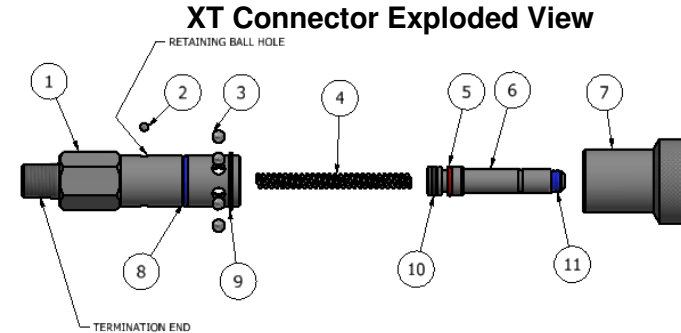


4. Apply the connection tip or fitting to the termination port of the connector. Thread sealant must be used. The connection tip will hold the assembly in place. Some space should remain (.020 MIN) between the fitting and the back of the sleeve. The SurConnect™ must be able to spin to allow the flats of the XT connector to be accessible through the windows of the SurConnect™. Note: A recommended torque of 12 ft/lbs should be applied to the connection tip.

APPLY  
CONNECTION TIP



### Reassembly of XT Connector



Please thoroughly read the instructions prior to rebuilding the XT Connector. If you do not understand instructions, or if components are missing, call *FasTest* before rebuilding connector.

#### Disassembly:

1. Slide the sleeve (7) back toward the termination end to expose the retaining ring (9). Using a pick (or like tool), remove the retaining ring and discard.
2. Slide the sleeve (7) off of the connector over the ball hole end.



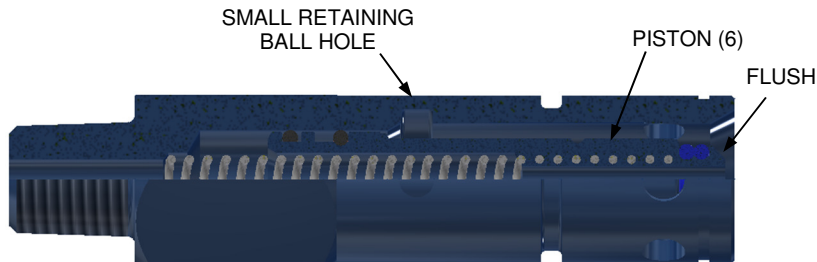
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WP 186 Rev B 7/7/2022

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## Rebuild Instruction XT with SurConnect™



- The latching balls (3) can now be removed. They will either fall out or they must be pushed from the inside. Remove and discard balls.
- Depress the piston (6) flush with body (1), then use compressed air and blow air into the smaller retaining ball hole in the body (1). The retaining balls(2) should be forced out the other, larger ball hole in the body. If they do not come out, the connector may need to be cleaned, so the balls move freely. Remove and discard balls.



- The piston(6) should now be free. Simply pull and remove the piston(6). The internal spring(4) will be loose and can be removed.
- Remove and discard o-rings(5, 10 & 11) from the piston.
- Remove and discard the o-ring(8) from the outside of the body.

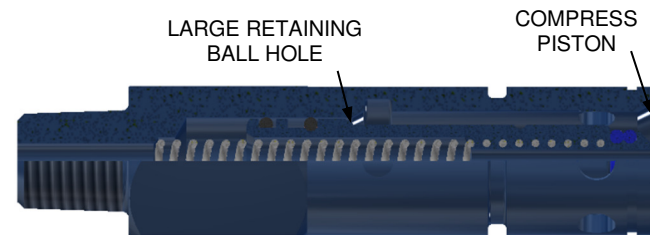
### Re-Assembly:

- Make sure all components have been cleaned and are ready for assembly. Open the rebuild kit and identify the components.
- Install the smallest o-rings(11) onto the piston(6).
- Install the Teflon coated o-ring(5) into the large wider groove in the piston(6). Make sure the o-ring is located towards the front end of the piston. (As shown in step 5).
- Install o-ring(10) into the narrower groove on piston.

- Lubricate the two o-rings(5 & 10) on the large end of the piston(6) with White Petroleum Jelly. Apply lubricate so as to fill the void between the o-rings. (As shown below). A small amount of lube can be added to the main seals at this time.



- Place the spring(4) into the piston(6) and install the assembly into the body(1).
- Compress the piston(6) into the body(1) until it stops. Install the small balls(2) through the larger retaining ball hole in the body(1)



### **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 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.

**WARNING:** Do not operate an XT connector that has been modified for operation with SurConnect™. The XT connector without the SurConnect™ in place could result in unintended disconnection.



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