

## Installation Instruction Coupling Service (Polymer Strip)

### **⚠ WARNING**

Service technicians bear responsibility for ensuring use of appropriate protective clothing and equipment. The chosen protective clothing and equipment must provide protection from potential hazards users may encounter while servicing or operating TFT equipment. Requirements for protective clothing and equipment are determined by the Authority Having Jurisdiction (AHJ).

### REQUIRED TOOLS

- Coupling Repair Kit
- 7/32" Hex Key
- Seal Pick
- Pliers
- Flashlight (optional)

### DISASSEMBLY



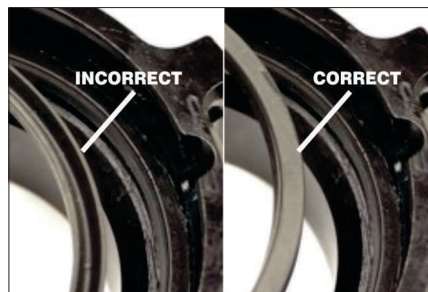
1. Rotate the coupling until the end of the strip can be seen. A flashlight may be used if needed.
2. Insert THA401 into the port with the hook side up to engage the end of the strip.
3. Gently pull the strip to avoid breakage. The coupling may be rocked back and forth to ease removal.



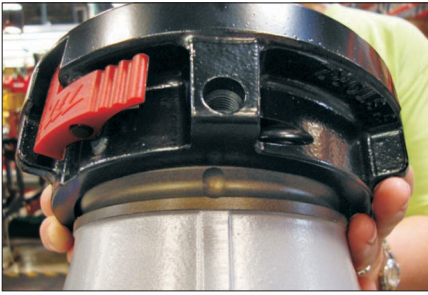
4. Once the strip is exposed by several inches, use pliers to finish removing.
5. Remove the coupling, cup seal, and lockout ball (if present).
6. Clean the exposed surface of any remaining grease or debris.

### REASSEMBLY (FOR ALL STYLES)

1. Install the cup seal with the flat side up as shown.

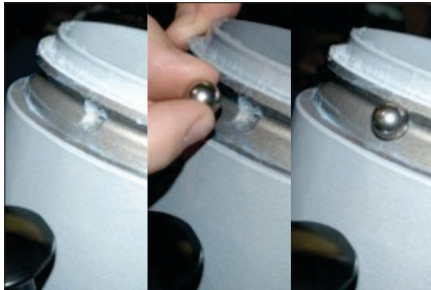


## FOR LOCKOUT SCREW STYLE (MANUFACTURED AFTER 2009)



1. If a rigid (locked out) connection is desired, align the threaded hole in the coupling with the lockout detail (divot) on the mating part.
2. Push the coupling onto the mating part.
3. Apply Blue Loctite to the threads on the lockout screw.
4. Use the 7/32" Hex Key to install the screw until it just touches the mating part. DO NOT OVERTIGHTEN - THIS WILL CAUSE THE JOINT TO LEAK.

## FOR LOCKOUT BALL STYLE (MANUFACTURED PRIOR TO 2009)

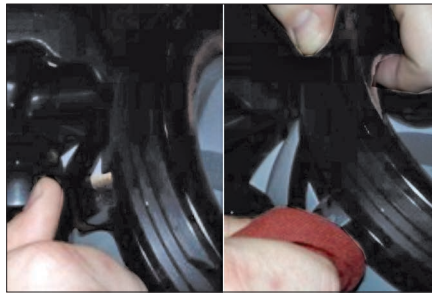


1. If a rigid (locked out) connection is desired, apply a dab of grease to the lockout detail (divot) on the mating part.
2. Place the lockout ball into the divot.
3. Align the access notch on the coupling with the ball and push the coupling onto the mating part.

## INSTALL THE POLYMER STRIP



**THIS END LAST**



1. Insert the polymer strip into the port, blunt end first. The hook end goes in last. NOTE - A small amount of BreakFree™ or equivalent lubricant may be used on the ring prior to installation, if needed.
2. Install the polymer strip into the port until only a couple inches are exposed. NOTE - Wrapping a rag around the strip may assist with grip.
3. Use THA401 in the hook detail to fully insert the end of the strip into the groove.

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