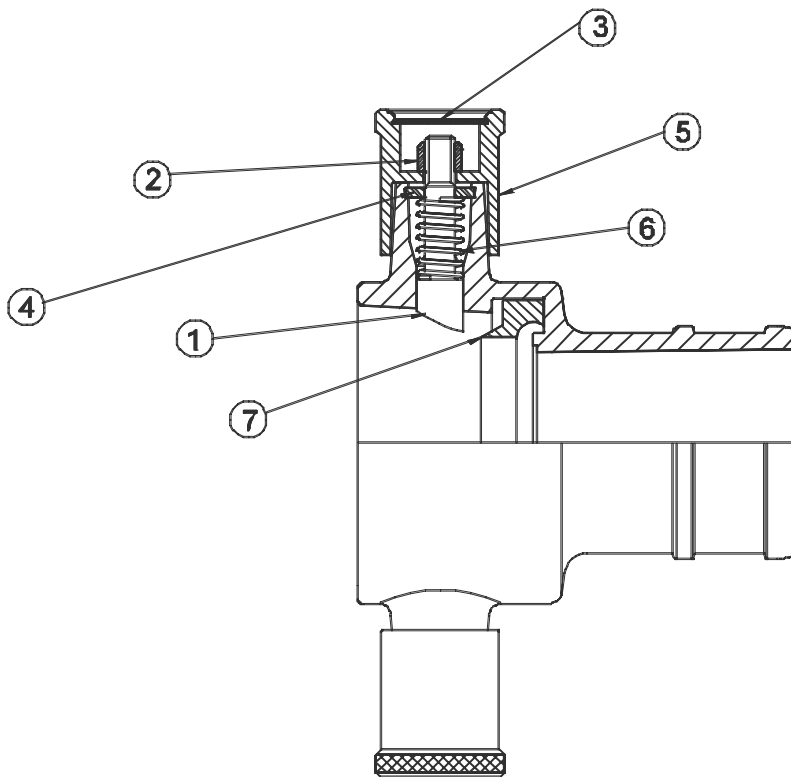




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# **MAINTENANCE INSTRUCTIONS FOR FEMALE INSTANTANEOUS COUPLINGS**



1. Pull Release Bolt
2. Locknut
3. Closure Disc
4. Spring Retaining Washer
5. Pull Release Knob
6. Coil Spring
7. 2 1/2" Inst Seal

### **INSPECTION**

1. Flush out equipment with clean water after use.

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2. Inspect equipment monthly and follow maintenance procedures at least once every year.
3. Inspect release mechanism for free movement.
4. Inspect the rubber seal.
5. Check that different male and female halves snap together and disconnect freely to ensure no distortion has taken place.

## **MAINTENANCE**

If signs of wear or breakdown of the mechanism occur, strip down and replace parts as follows:

- a) Remove closure disc **3** by inserting a pointed tool into the hole in the plastic disc and prising out the disc.
- b) Unscrew nut **2** using a socket spanner and knob **5** can then be removed.
- c) Withdraw bolt **1** and spring **6** from the inside of the female instantaneous body.
- d) Check for signs of dirt, wear or corrosion of the spring, clean the parts and re-assemble. If wear has occurred replace the affected parts by spares.
- e) Re-assemble the mechanism by reversing the foregoing instructions using a lubricating grease inside the square plunger hole and on the outside diameter of the lug.
- f) When tightening nut **2** the tension on the spring is correct when the leading edge of the curved face of bolt **1** is level with the bolt hole edge.
- g) Check seal **7** for dirt, cuts or damage to the sealing lip after cleaning. If damaged replace by spare seal.
- h) Check that the reassembled mechanism works correctly by connecting and disconnecting several times.

## **SPECIAL NOTES**

- The recommended lubricant is MOLYBDENUM DISULPHIDE GREASE (LITHIUM GREASE).
- Always use a new locknut when re-assembling the mechanism.

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## **DISCLAIMER**

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