

A LEADER IN VALVE TECHNOLOGY

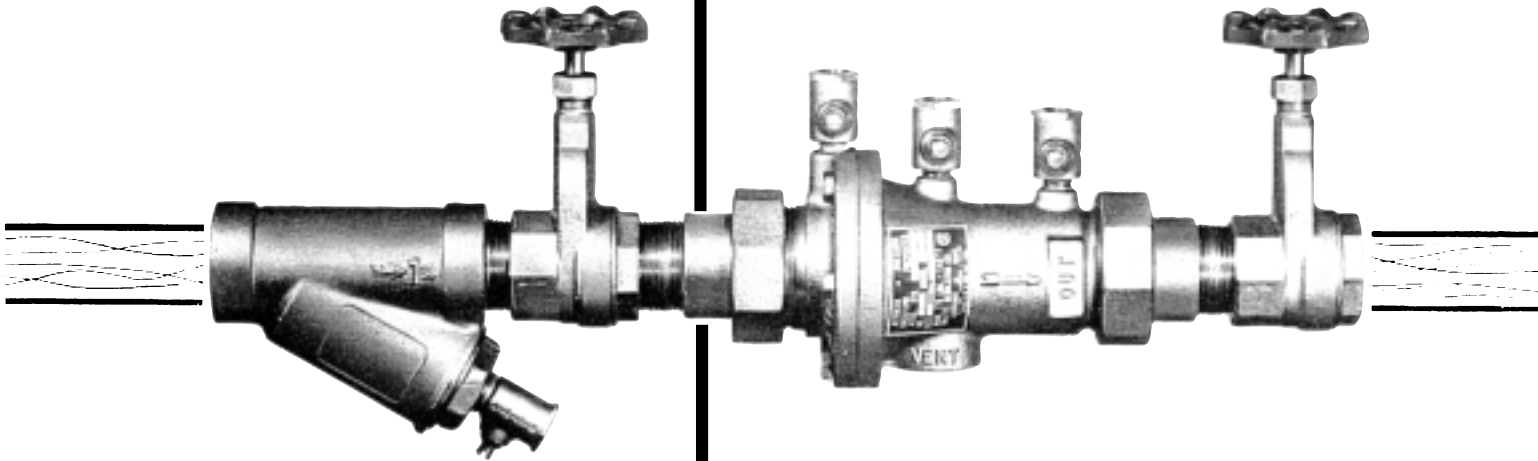


**WATTS®
REGULATOR**

— Since 1874 — Watts Industries, Inc. —

Series 900

**REDUCED PRESSURE
PRINCIPLE
BACKFLOW PREVENTERS**



SIZES 3/4" to 2"

POSITIVE CROSS CONNECTION CONTROL

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-
-

SERVICE

REPLACEMENT PARTS

***COMPLETE EXCHANGE
REPLACEMENT HEAD***

and MAINTENANCE

Annual inspection of all water system safety and control valves is required and necessary. Regular inspection, testing and cleaning assures maximum life and proper product function.

SERVICE REPLACEMENT PARTS and MAINTENANCE

Series 900 REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS

DISASSEMBLY OF NO. 900

1. Remove the No. 900 head from the line (union nuts and adapters remain in the line).
2. Remove inlet adapter bolts, maintaining pressure by hand on adapter to overcome spring preload within the device. (Figure A) NOTE: Use longer jacking bolts to maintain pressure on adapter while removing short bolts.

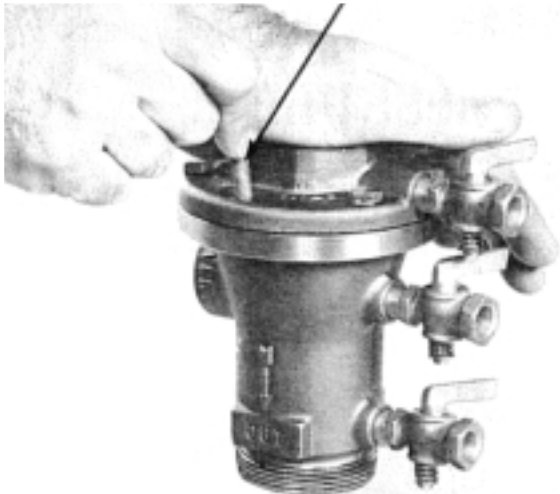


Figure A

3. Remove inlet adapter and adapter gasket. Lift out first check valve piston assembly and spring. (Figure B).
4. The relief valve seat in Series 900 is replaceable although cleaning can be performed without removing from valve.

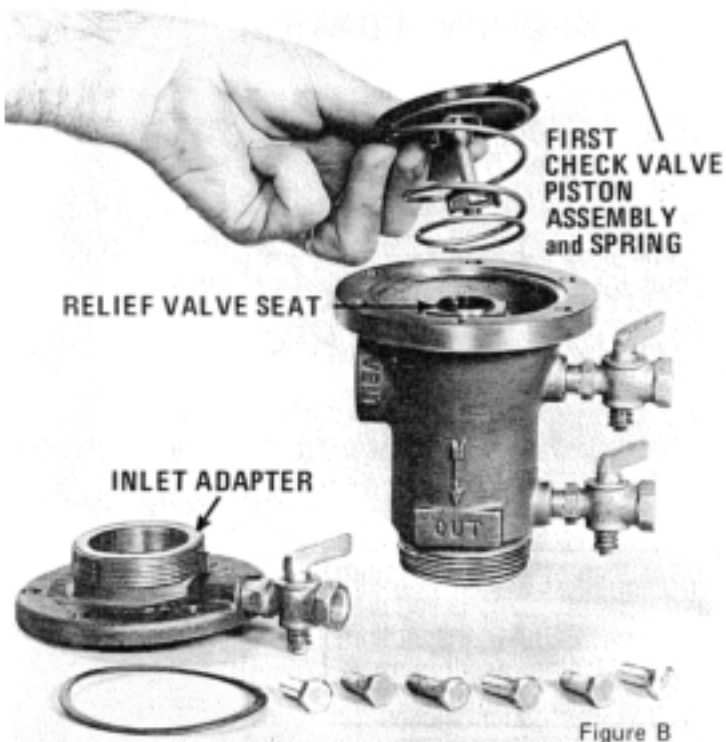


Figure B

5. Remove relief valve spring. (Figure C).

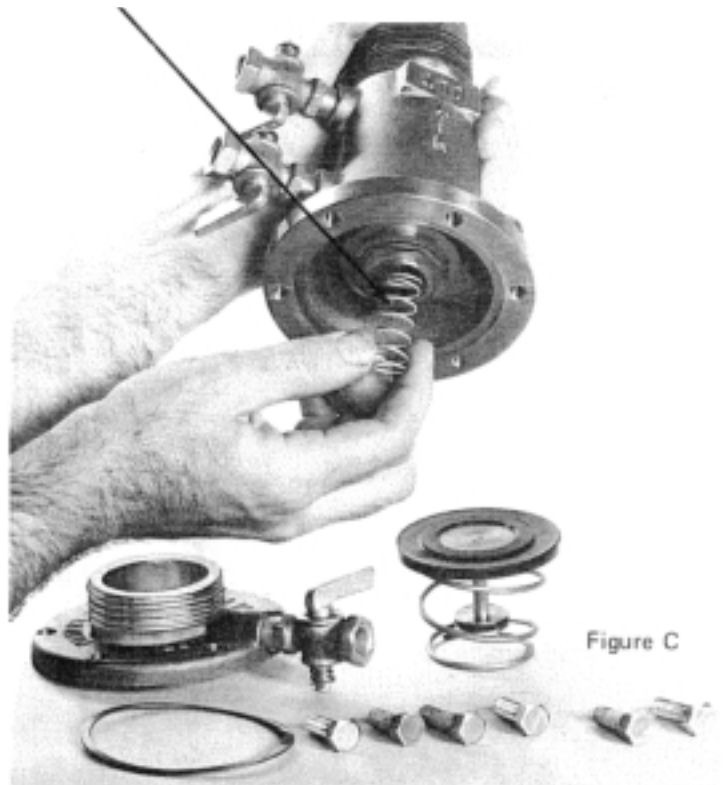


Figure C

6. Insert nutdriver through inlet end to engage head of stem. From outlet end, loosen and remove jam nut with second nutdriver. Remove second check valve assembly from outlet end of valve. (Figure D) Remove the stem and second check valve spring from inlet end of valve. (Reference Figure E)

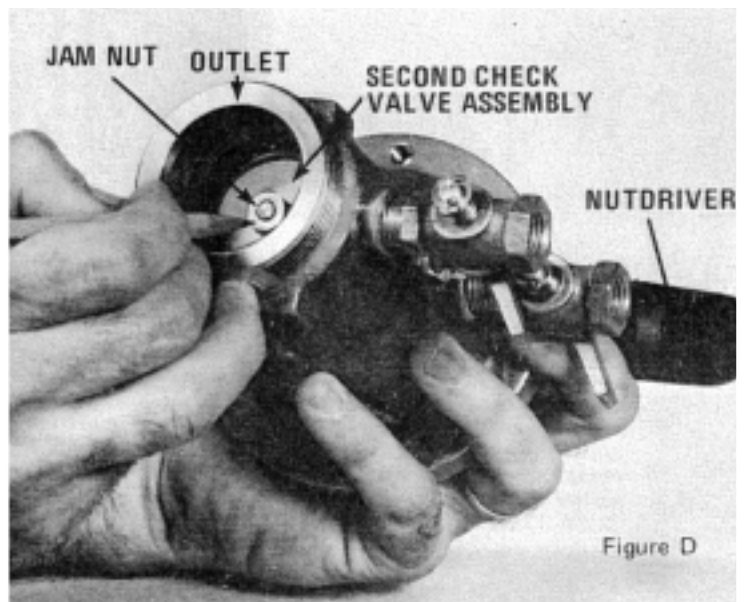
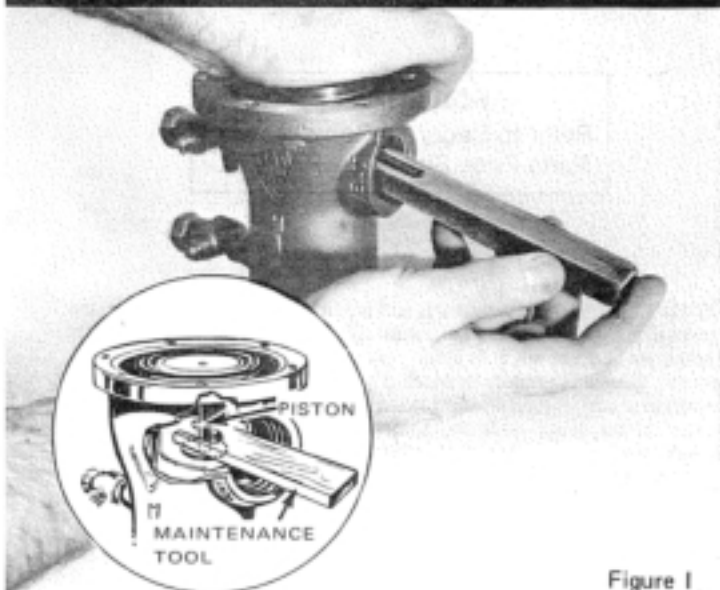
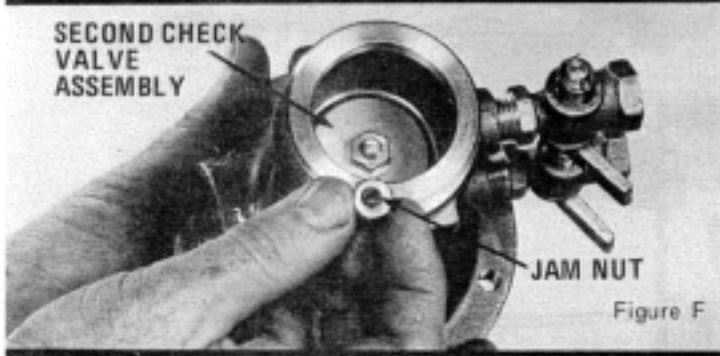


Figure D



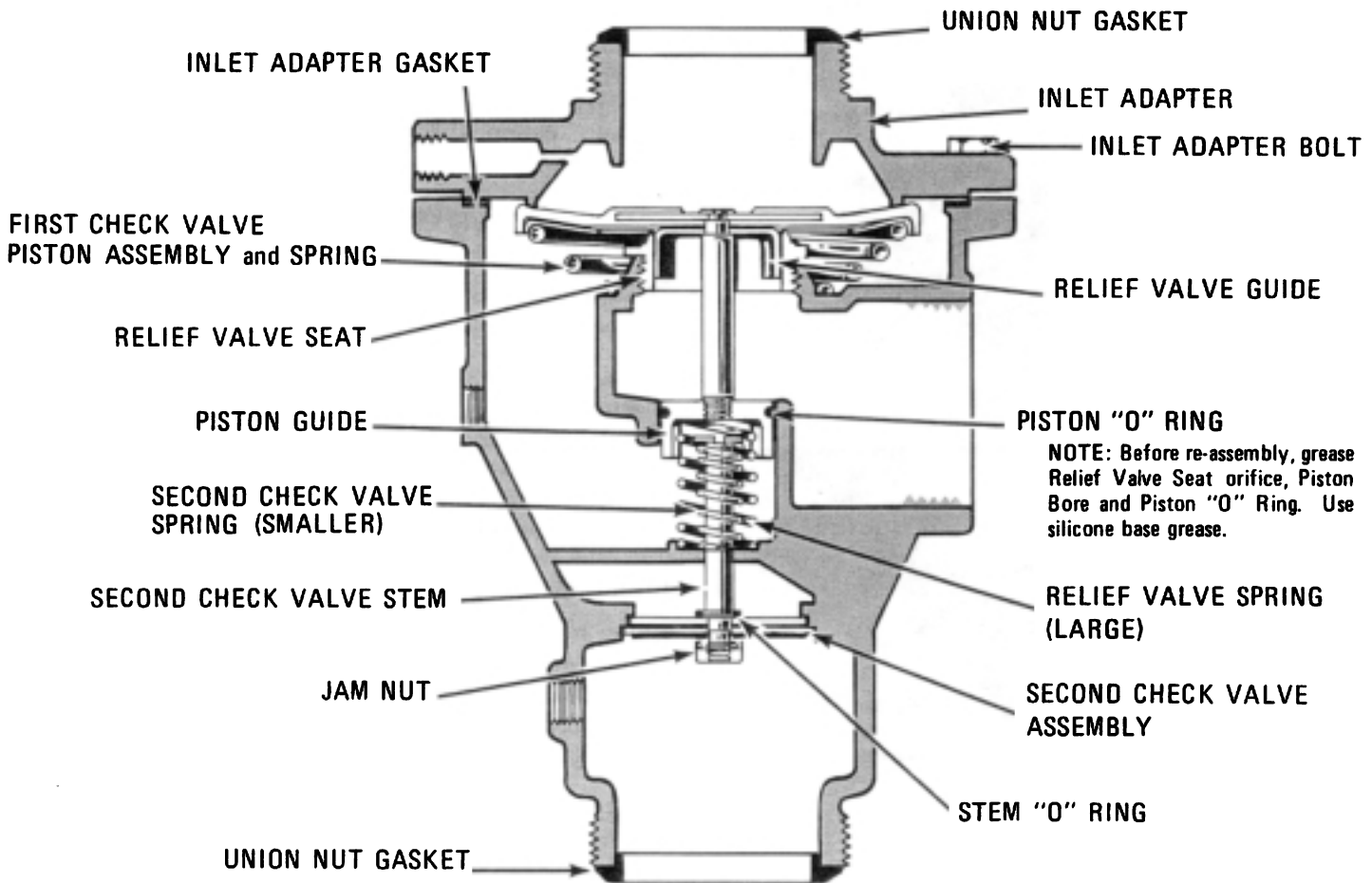
REASSEMBLY OF NO. 900

1. Place second check valve spring over stem and insert in web, from inlet side of valve, as shown. Figure E.
2. From inlet side, push down stem to overcome spring pressure. From outlet side, insert second check valve assembly and thread on stem. Insert nutdriver through inlet end and engage head of stem. Tighten check valve assembly nut securely. Thread on jam nut and tighten securely. Figure F.
3. Screw in relief valve seat to tapping (if seat was removed).
4. From inlet end of valve, insert small end of relief valve spring over the stem. Figure G.
5. Install small end of first check valve spring over relief valve seat, (Ref. Figure B). Insert check valve piston assembly into the valve pressing the piston through the seating orifice. Figure H. If above is inserted properly, the second check valve spring will be located under the disc guide. (It is important that this middle spring be seated evenly; see No. 7). Also, these parts must be greased. See note on Page 4.
6. While holding down check valve assembly, insert maintenance tool (furnished with each device) into the outlet so that it engages the piston. This serves to overcome spring preload and simplify assembly. Figure I.
7. Insert adapter gasket and place adapter on top of check valve assembly centering stem rivet in inlet and lining up bolt holes by eye. Figure J.
8. Insert and tighten long jacking bolts furnished and insert and tighten other bolts. Figure J. Press thumb through inlet against check valve assembly and remove maintenance tool.
9. Replace the No. 900 head in the line; tighten union nuts.



Series 900

REPLACEMENT PARTS and EXCHANGE REPLACEMENT HEAD



SERVICE PARTS KIT (consists of:)

INLET ADAPTER GASKET
 FIRST CHECK VALVE PISTON ASSEMBLY, SPRING, and "O" RING
 RELIEF VALVE SPRING
 SECOND CHECK VALVE SPRING
 STEM "O" RING
 SECOND CHECK VALVE ASSEMBLY
 UNION NUT GASKETS
 MAINTENANCE TOOL
 SILICONE GREASE

EXCHANGE REPLACEMENT HEAD (consists of:)

COMPLETE UNIT PICTURED ABOVE

FOR PRICES:

Refer to Separate Replacement Parts Price Sheet, PL-RP/BPD.



USA: 815 Chestnut Street, North Andover, MA 01845-6098
 Canada: 5435 North Service Road, Burlington, Ontario L7L 5H7



LIMITED WARRANTY: Watts Regulator Company warrants each product against defects in material and workmanship for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge. This shall constitute the exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental or consequential damages, including without limitation, damages or other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemicals, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product. THE COMPANY MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY.