



# 8600 SERIES SERVICE INSTRUCTIONS

## **\*\* WARNING \*\***

**RELIEVE ALL PRESSURE IN THE LINE BEFORE SERVICING FILTER ASSEMBLY**

### UNIT DISASSEMBLY

- 1) Follow all company/OSHA safety rules, such as wearing protective goggles and gloves, etc.
- 2) Turn bowl off in counter-clockwise direction. Never use any tool other than a strap wrench to remove the bowl.
- 3) Pull element off post.
- 4) Remove seal from element.
- 5) Remove **seals (o-ring & backup) from bowl**

### UNIT REASSEMBLY

- 1) Lubricate and install new bowl seals. The backup ring is installed closest to the threads. If the back-up ring has a contoured face that face **MUST** be installed against the o-ring.
- 2) Lubricate a new seal with a compatible lubricant and install into outlet port of element.
- 3) Slip element over mandrel. Be aware that teflon (T) o-rings are difficult to engage. For specific instructions on Teflon installation contact the factory.
- 4) Inspect all threads for debris and clean thoroughly. Lubricate the threads on head and bowl and assemble. Never use any tool other than a strap wrench to turn the bowl. When screwing the bowl into the head it should take approximately 8-1/2 turns of the bowl to reach the point where the bowl seal engages the head. At this point there will be noticeable resistance when turning the bowl. It should take approximately 2-1/4 turns of the bowl past this point to reach metal-to-metal contact of the bowl face with the head. The bowl is properly seated in the head at this point. If this metal-to-metal contact is not achieved, the unit is not properly assembled and the bowl must be unscrewed and examined to determine if there is a problem with the installation of the seals or if there is some type of debris in the threads. Correct the problem and repeat this step if necessary.
- 5) After assembly, **check for leaks while re-pressurizing**

### RECLEANABLE STAINLESS ELEMENTS

Clean element as follows:

- 1) Remove external dirt in a separate container with cleaning fluid, and light brush.
- 2) Submerge the filter for thirty minutes in an approved cleaning fluid.
- 3) Following the soak, purge element from inside to outside with clean compressed air or similar clean gas. **DO NOT EXCEED 120 PSI.**
- 4) Remove any remaining cleaning solution by dipping the element in isopropyl alcohol, or drying appropriately.

### NOTE:

The element life is based upon cleaning cycles and pressure drop. The estimated life of the element is 10 to 15 cleaning cycles. If the element has exceeded this level discard and replace.

The proper way to evaluate your element after cleaning is an ARP-901 Bubble point test. Contact factory for any cleaning or testing requirements.

Recommended cleaning fluids are acetone, mineral spirits and a variety of others. Halo-carbon grease, Krytox and silicone are the only recommended lubricants.



# 8600 SERIES Accessories SERVICE INSTRUCTIONS

## **\*\* WARNING \*\***

**RELIEVE ALL PRESSURE IN THE LINE BEFORE SERVICING FILTER ASSEMBLY**

- 1) Follow all company/OSHA safety rules, such as wearing protective goggles and gloves, etc.
- 2) Remove indicator body from head being careful not to lose any of the indicator assembly parts when pressure on spring is released.
- 3) Examine all of the indicator assembly components for damage or wear. If any components need replacement, contact the factory for the appropriate replacement parts.
- 4) For proper indicator function, the differential pressure channels from the in & out ports must be free of debris. If necessary use compressed air to blow any debris out of the channels.

## **G8600 Visual Indicator**

- 5) When reinstalling the visual indicator assembly into the filter head be sure to install all components per the appropriate assembly drawing. All o-ring seals need to be lubricated with appropriate lubrication prior to assembly. Acceptable lubricants include petroleum jelly or silicone.
- 6) Torque indicator to 40 ft-lbs. Check for proper seating to head with a shim gauge.

## **P8600 Visual Indicator**

- 5) When reinstalling the visual indicator assembly into the filter head be sure to install all components per the appropriate assembly drawing. All o-ring seals need to be lubricated with appropriate lubrication prior to assembly. Acceptable lubricants include petroleum jelly or silicone.
- 6) Torque indicator to 40 ft-lbs. Check for proper seating to head with a shim gauge.

## **P8600 Electrical Indicator**

- 5) When reinstalling the electrical indicator assembly into the filter head be sure to install all components per the appropriate assembly drawing. All o-ring seals need to be lubricated with appropriate lubrication prior to assembly. Acceptable lubricants include petroleum jelly or silicone. Also make sure to clean and lubricate all threads.
- 6) Torque indicator to 40 ft-lbs. Check for proper seating to head with a shim gauge.