



8500 SERIES SERVICE INSTRUCTIONS

**** WARNING ****

RELIEVE ALL PRESSURE IN THE LINE BEFORE SERVICING FILTER ASSEMBLY

RECLEANABLE STAINLESS ELEMENTS

- 1) Follow all company/OSHA safety rules, such as wearing protective goggles and gloves, etc.
- 2) Turn bowl off in counter-clockwise direction.
- 3) Pull element off post.
- 4) Remove seal from element.
- 5) Remove seal that is above threads in head.
- 6) Clean element as follows:
 - a. Remove external dirt in a separate container with cleaning fluid, and light brush.
 - b. Submerge the filter for thirty minutes in an approved cleaning fluid.
 - c. Following the soak, purge element from inside to outside with clean compressed air or similar clean gas. DO NOT EXCEED 120 PSI.
 - d. Remove any remaining cleaning solution by dipping the element in isopropyl alcohol, or drying appropriately.
- 7) Lubricate a new seal and install above threads.
- 8) Lubricate a new seal with a compatible lubricant and install into outlet port of element.
- 9) Slip element over mandrel. Teflon (T) o-rings are difficult to engage. For specific instructions on Teflon installation contact the factory.
- 10) Inspect all threads for debris and clean thoroughly. Lubricate threads on head and bowl and assemble. Torque stainless steel units to 25 ft. - lbs. Hand tighten aluminum units.
- 11) Check for leaks while re-pressurizing.

DISPOSABLE ELEMENTS

- 1) Be sure to follow all company & OSHA safety rules, such as wearing protective goggles and gloves.
- 2) Turn bowl off in counter-clockwise direction.
- 3) Pull element off post.
- 4) Remove seal that is above threads in head.
- 5) Lubricate a new seal and install above threads in head.
- 6) Lubricate the seal in the new element.
- 7) Slip element over mandrel. Teflon (T) o-rings are difficult to engage. For specific instructions on Teflon installation contact the factory.
- 8) Lubricate threads on head and bowl, then torque stainless steel units to 25 ft. - lbs or hand tighten aluminum units.
- 9) While system is re-pressurizing be sure to check for leaks.

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 or Krytox are recommended lubricants. Other acceptable lubricants include petroleum jelly or silicone. Caution should be used when using dry lubricants, due to the fact that our threads are single point, precision threads and dry lubricants can disrupt clearances.



8500 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.

A8500 Visual Indicator

- 5) Make sure that the piston can move freely.
- 6) 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 lubricant include petroleum jelly or silicone. (Check lubricant for aluminum compatibility).
- 7) Torque indicator to 10 ft-lbs max.

G8500 Visual Indicator

- 5) Also make sure that the piston can move freely.
- 6) 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, silicone and Halocarbon among others.
- 7) Torque indicator to 25 ft-lbs.

A8500 Electrical Indicator

- 5) When reinstalling the 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. (Check lubricant for aluminum compatibility).
- 6) Torque Indicator carefully to 20-25 ft-lbs.