Maintenance Instructions
For Grams Aspirator S-300
(External Inline Filter Model)

Replacing Filters
Exhaust filters should be changed when saturated with oil (housing “A” and “B” as shown above). To remove each filter housing, remove hoses and lift the housing straight out of the bracket. The top and bottom of the housing screw together. Simply unscrew the top from the bottom of the housing, remove the filter, clean the inside of the housing and replace with a new filter. The charcoal filter “A” (part #FE-337) absorbs exhaust oil as well as odor and the secondary biological filter “B” (part #FE-336) eliminates particle matter down to .2 microns. This will maintain the cleanliness of your operating room.
Additional Notes

- Make sure the “O-Ring” in the lid of the housing is in its groove, lubricate the “O-Ring” with Vaseline. HAND TIGHTEN ONLY
- External inline filter should be replaced once a year. You must change the filter in the event of an overflow or if there has been contamination (Part #EIF).
- Oil should be changed every 50 hours of use and checked after every procedure. After every procedure open petcock to drain any water and top off with oil to fill line.
- It is normal for a pump to have a sluggish start after a period of non-use of a week or more.
- It is always good practice to start the aspirator prior to surgery.
- The best assurance is to have a spare pump available (Part #SP-320). The standby pump should always be stored with fresh oil.
- When installing pump, make sure the switch on the motor is in the “ON” position. Use this switch when servicing the pump outside the chassis.
- You can trace a leak by removing the gauge and plugging it directly into the hose from the pump and tracing it back one component at a time.