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Installation Instructions for S/A Gascolator in General

1. Turn off fuel
2. Remove Cowl to access gascolator
3. Drain original gascolator and remove.
4. Remove fittings from original and install them in new S/A Gascolator paying attention to orientation. Use a fuel resistant sealant on threads.
5. Install the SA3-00 Gascolator (optional SA3-00-A if over 60 gallon main tank capacity) using the same method as original being replaced.
6. On installations with bail wire assemblies retaining cover through bracket (Piper P/N 71991-00 for example) modify the bracket by drilling the original bail holes to 3/16 diameter. Remove bowl from S/A Gascolator and install the cover into bracket and mark location of security hole in cover on bracket, remove and file notch in bracket for clearance. See drawings #001A and #001B. Reinstall cover into bracket securing with (2) 10-32 screws.
7. Reinstall fuel lines.
8. Reinstall bowl and safety with 3/32 x 1.25 cotter pin or .032 min. safety wire through gascolator locking hole to the mount bracket.
9. Turn on fuel and check for leaks,
10. Reinstall cowling.
11. Log installation in logs and 337.
12. Refer to Instructions for Continued Airworthiness for maintenance
13. No basic weight change

Supplemental installation for Piper series with gascolator under right seat

1. Drain right fuel tank with recommended precautions.
2. Remove right seat.
3. Remove original gasolator and fittings.
4. Reinstall fittings into new S/A gascolator.
5. Remove bowl, install cover into floorboard hole, secure fuel lines to fittings and secure cover with aluminum angles made per drawing #001C
Secure the angles by drilling (2) each holes through floorboard and securing with #8 rivnuts and #8 screws. Secure gascolator with (2) 10x32 screws through angles into 10x32 holes in cover. A hole through the floorboard will be required for the safety device to pass through. Install bowl and safety.
6. Fuel system and check for leaks.
7. Reinstall right seat