

SERVICE INFORMATION LETTER**SIL24-02**

Contains Useful Information Pertaining To Your Aircraft Engine

SUBJECT: Pressurized Magneto Filter Assembly, Part No. 653386

PURPOSE: Availability of Improved Part

COMPLIANCE: During next 100-Hour/Annual Inspection or engine ignition system maintenance event

MODELS

AFFECTED: Continental Aerospace Technologies new and rebuilt LTSIO-360-EB, KB, RB; LTSIO-520-AE; TSIO-360-EB, FB, GB, KB, LB, MB, SB; TSIO-520-AE, AF, BE, CE, H, M, P, R, UB; TSIO-550-A, B, C, E, G, K, N; TSIOL-550-C engine models.

I. GENERAL INFORMATION

Pressurized magnetos require ventilation to avoid internal accumulation of corrosive nitric acid buildup. Corrosion within the magneto can lead to accelerated magneto component wear.

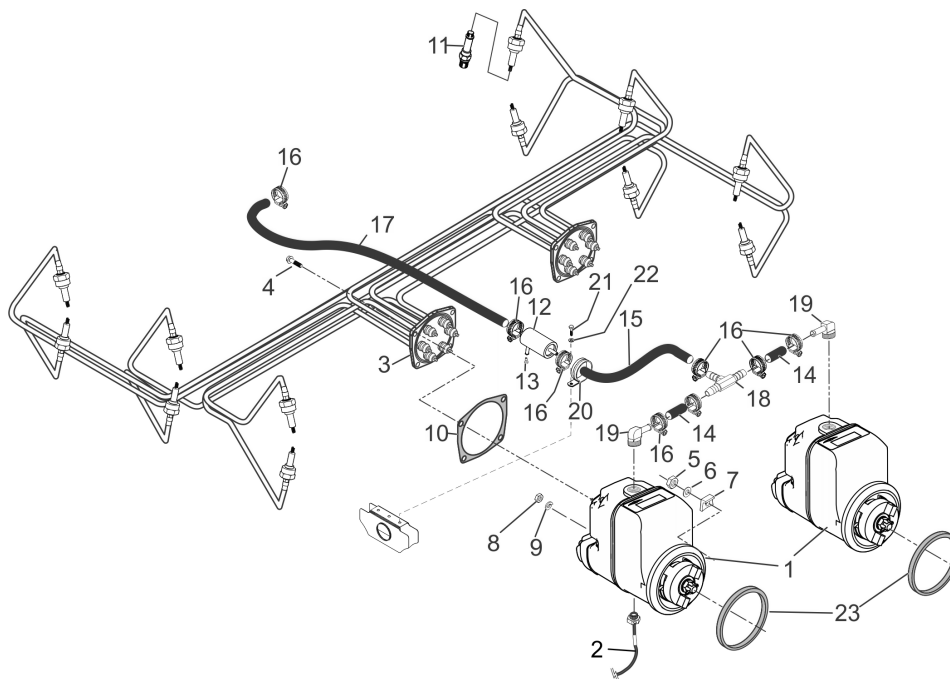


Figure 1. Pressurized Magneto with filter assembly (typical installation)

Field reports indicate some Part No. 653386 magneto pressurization filters (item 12 in Figure 1) are distorting from heat exposure during extended ground operation, leading to obstructed airflow through the pressurization hoses. As indicated above, restricted airflow through the pressurized magnetos can lead to internal component corrosion and accelerated magneto wear.

ISSUED
2024/05/02

REVISED



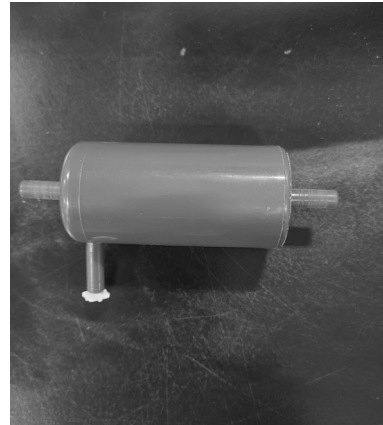
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A new magneto pressurization filter assembly, Part No. 671855, with greater heat resistance, is available through our current distribution channels. The filter body is not transparent on the newer filter assembly.



Part No. 653386



Part No. 671855

Figure 2. Magneto Pressurization Filter Assemblies

II. RECOMMENDATIONS

Refer to the instructions in Section 6-4.15, Ignition System Inspection of M-0, Standard Practice Maintenance Manual for inspection instructions. If the magneto pressurization filter exhibits any indication contrary to the inspection instructions, replace the pressurization filter according to the “Magneto Filter Replacement” instructions in Section 10-5.5 of M-0, Standard Practice Maintenance Manual.

Questions?

Contact Continental Technical Services at the phone number or email address listed below if you have any questions concerning the technical content of this Service Document.

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