

Service Letter

Service Letter No.001

D-2000 and D-3000 Magneto Assembly Housing Inspection

1. Planning Information

A. Effectivity

- 1) Quality Aircraft Accessories (QAA) FXE Facility, Magneto Models
 - a) 10-382555-14, 10-382555-11, 10-382560-11, 10-682555-11, 10-682555-13, 10-682555-14, 10-682555-15, 10-682560-11, 10-682560-13, 10-682910-13, 10-682910-18, and BL-682560-18 with serial numbers listed in **Table 1**.
 - b) Magnetos shipped between April 27, 2017 and March 16, 2020 are affected by this Service Letter.

E291301GR	F080128	F140003GR	F259919G	G018802G	G01DA014R	G01EA087
G02CA066	G02EA020R	G02GA055R	G02JA191R	G03CA033R	G03EA133	G03EA133
G03LA002R	G04BA039R	G04BA060	G04DA043R	G04DA052	G04EA024	G04FA636R
G04GA028	G04GA065R	G04HA099R	G04JA030R	G04LA023R	G05FA113R	G06FA043
G06J2115R	G07AA025R	G07GA117	G07JA137R	G08BA173	G08HA016R	G08HA082R
G08LA205	G09DA012R	G09GA012	G10HA003R	G11DA001R	G12CGN01	G1300D5GR
G189010GR	H03000GR	H159003GR	H219810G	H279902GR	I099915GR	I119806CR
I168723G	I239920G	J080939	K09919GR	K179918GR	K229401GR	L110007GR
L209505GR	Q059972	QAA027112	QAA034541	QAA038005	QAA048860	QAA049582
QAA050916	QAA051883	R11207K	R16451K	R46192	R5134K	-

Table 1 – Magneto Serial Number Effectivity

WARNING

DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER. INFORMATION CONTAINED IN THIS SERVICE LETTER MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. FAILURE TO COMPLY WITH THIS SERVICE LETTER OR THE USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE QAA WEBSITE FOR THE MOST RECENT REVISION LEVEL OF THE SERVICE LETTER.

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B. Concurrent Requirements

- 1) None

C. Reason

- 1) Internal audits have discovered that a non-conforming condition exists on magneto serial numbers listed in Table 1.
- 2) This condition could compromise the integrity of the aircraft ignition system.
 - a) This Service Letter is issued to advise the field of this condition and require removal of the magneto assembly for inspection of the magneto housing.

D. Description

- 1) This Service Letter provides Instructions for Continued Airworthiness (ICA).

E. Compliance

- 1) For affected magnetos in service, at the next maintenance event, but no later than 12 calendar months, from the original published date of this service letter, whichever occurs first, remove the affected magneto and perform Accomplishment Instructions.
- 2) Compliance with the Accomplishment Instructions in this Service Letter is the terminating action for this Service Letter.

F. Approval

- 1) This Service Letter has been approved by Quality Aircraft Accessories.

G. Manpower

- 1) If installed, two (2.0) man hours labor are required for the following:
 - a) Gaining access and removing the magneto.
 - b) Installing the magneto and Return to Service.

H. Weight and Balance

- 1) No change.

I. Electrical Load Data

- 1) No Change

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J. References

- 1) Applicable Aircraft/Engine publications or Maintenance Manual
- 2) Applicable Aircraft AFM or POH.

2. Materials Required

- A. None

3. Accomplishment Instructions

WARNING 1

THIS PROCEDURE MUST BE PERFORMED BY COMPETENT AND QUALIFIED PERSONNEL WHO ARE FAMILIAR WITH ENGINE AND AIRFRAME MAINTENANCE THAT IS SPECIFIC TO THE ENGINE MAGNETO SYSTEM. FAILURE TO DO SO MAY RESULT IN ECONOMIC LOSS, EQUIPMENT DAMAGE, AND/OR PHYSICAL INJURY.

WARNING 2

DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THIS SERVICE LETTER (SL) AND THE APPLICABLE AIRCRAFT MAINTENANCE MANUAL AND/OR ENGINE SERVICE INSTRUCTIONS. INFORMATION CONTAINED IN THESE MANUALS OR THIS SL MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. REFER TO THE APPLICABLE ENGINE MANUFACTURER'S PUBLICATIONS AND/OR AIRCRAFT MAINTENANCE MANUAL INDEX FOR THE MOST RECENT REVISION LEVELS.

CAUTION

AIRCRAFT AND ENGINE ACCESS REQUIRES THE USE OF APPLICABLE MANUFACTURER'S MAINTENANCE MANUAL OR SERVICE INSTRUCTIONS. IN ADDITION, ANY PREFLIGHT OR IN-FLIGHT OPERATIONAL CHECKS REQUIRE USE OF APPROPRIATE AFM OR POH.

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A. Inspection

- 1) If effectivity of the magneto cannot be established using aircraft or engine maintenance records, utilize the applicable aircraft maintenance manual to gain access to the Magneto assembly and inspect the serial number against the affected serial numbers found in Table 1 of this SL.
 - a) If magneto assembly serial number is affected per Table 1, continue to 3.B. – Corrective Action
 - b) If the magneto assembly serial number is not affected per Table 1, continue to 3.C. – Return to Service

B. Corrective Action

- 1) Remove the magneto assembly in accordance with the latest revision of the aircraft and/or engine manufacture's maintenance manual.
- 2) Return the magneto to QAA for inspection. Proceed to 4.A. – Contact Information.
- 3) Utilizing the applicable aircraft and/or engine manufacture's maintenance manuals, install the repaired magneto assembly and proceed to 3.C. – Return to Service.

C. Return to Service

- 1) Close all access doors and covers opened to gain access to the magneto in accordance with applicable airframe and/or engine maintenance manual.

4. Contact Information

A. Contact QAA Customer Service for all communications regarding the technical content of this Service Letter.

- 1) Phone +1.954.493.9262
- 2) Email at info@qaa.com
- 3) Address

Quality Aircraft Accessories
1072 NW 53rd St.
Fort Lauderdale, FL 33309, USA.

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1. ELIGIBILITY

- A. Magneto models 10-382555-14, 10-382555-11, 10-382560-11, 10-682555-11, 10-682555-13, 10-682555-14, 10-682555-15, 10-682560-11, 10-682560-13, 10-682910-13, 10-682910-18, and BL-682560-18 shipped between April 27, 2017 and March 16, 2020 are affected are affected by Service Letter (SL) 001.
- B. Affected serial numbers are found in Table 1 of SL 001 – *Magneto Serial Number Effectivity*

2. COMMERCIAL ASSISTANCE PROGRAM:

- A. The following will be provided with the submission of a completed SL 001 Claim Form, copies of invoices showing breakdown of labor charges, material and logbook entries.

NOTE: Any commercial assistance or other consideration shall expire twelve (12) calendar months from the original published date of SL 001.

- B. Labor for removal & installation for affected magneto will be paid at a shop rate of \$75 an hour up to the amount specified below:
 - 1) Up to two (2.0) hours labor allowance for removal and installation of the affected magneto.

3. COMMERCIAL ASSISTANCE ADMINISTRATION:

- A. Complete the Service Letter SL 001 Claim Form attached to this appendix.
 - 1) Mail or e-mail the SL 0001 Claim Form to the attention of QAA Customer Service as indicated on the Service Letter Claim Form.
- B. For labor and material charges:
 - 1) Aircraft/engine service facility to submit an invoice up to the amount specified in section 2.B and copies of logbook entries for reimbursement.

4. WARRANTY STATEMENT:

- A. The sole warranty for the actions of SL 001 are contained in the QAA Limited Warranty Policy issued with the repaired magneto assembly (terms and conditions therein).
- B. Commercial assistance may apply as stated in this Appendix.
- C. Issuance of SL 001 in no way constitutes an implied or expressed warranty of any kind.
- D. This publication does not imply or state any responsibility for the workmanship of any person or entity performing work or maintenance on the engine or aircraft electrical system.

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5. SHIPPING INFORMATION:

A. If a magneto is being returned, the part must be securely so packaged damage will not occur in shipping. A copy of the properly completed SL 001 Claim Form for each affected part must be placed inside the shipping container. All parts must be received undamaged. Shipping of eligible product to QAA will be Reimbursed.

B. Ship To:

Quality Aircraft Accessories
1072 NW 53rd St.
Fort Lauderdale, FL 33309, USA

Attn: Customer Service DEPT/ SL 001

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1.

SL 001 CLAIM FORM Owner Information

Name: _____ Date: _____ Tel: _____ Fax: _____

Company Name: _____ E-mail: _____

Address: _____

City: _____ State: _____ Postal Code: _____

Country: _____

Aircraft/Engine Service Facility information

Name: _____ Date: _____ Tel: _____ Fax: _____

Company Name: _____ E-mail: _____

Address: _____

City: _____ State: _____ Postal Code: _____

Country: _____

Aircraft Mfg: _____ Model: _____ Time in Service: _____ S/N: _____

Engine: _____ Model: _____ Time in Service: _____ S/N: _____

Component Information

Nomenclature: Magneto Assembly Part Number: _____

Serial Number: _____ (Magneto) Date Removed: _____

Part Time in Service: _____ (Magneto) Original Date Installed: _____

Contact Information / RMA

Send this SL 001 Claim Form to:

Quality Aircraft Accessories

E-mail: info@qaa.com

RMA No.:

QAA Use Only - do not write below this line.

Warranty No: _____

Authorized by: _____

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