



SERVICE BULLETIN

JP01158-1

Factory Repair of Aircraft Parts Corporation Starter-Generator P/N 400SG138Q, 400SG138Q-2, and 400SG159Q Armatures & Stators

1. SUMMARY

Due to high temperatures these units receive in their installation environment, OEM processes **MUST BE** applied to the stator and armature for increased reliability. These processes are in addition to the standard Overhaul procedures.

2. PLANNING INFORMATION.

A. Effectivity.

This Service Bulletin applies to Aircraft Parts Corporation Starter-Generators P/N 400SG138Q, 400SG138Q-2, and 400SG159Q.

B. Reason.

(1) Problem:

In this application, the unit can be subjected to very high temperatures attributing to varnish degradation.

(2) Cause:

The unit is exposed to high temperatures during slow starts.

(3) Solution:

Return 400SG138Q, 400SG138Q-2, and 400SG159Q armatures and stators to Aircraft Parts Corporation for repair.

C. Description.

This Service Bulletin provides instructions to send Starter Generators P/N 400SG138Q, 400SG138Q-2, and 400SG159Q armatures and stators to Aircraft Parts Corporation for repair.

D. Compliance.

This Service Bulletin must be complied with when the unit comes in for routine overhaul.

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E. Approval.

OEM processes for the armature and stator have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved for the Starter-Generators P/N 400SG138Q, 400SG138Q-2, and 400SG159Q.

F. Man-hours Required.

None.

G. Weight and Balance.

Not affected.

H. Electrical Load Data.

Not Changed.

I. References.

TM110 400SG Series Starter-Generator Overhaul Manual

J. Other Publications Affected.

None.

K. Interchangeability.

Not Applicable.

3. ACCOMPLISHMENT INSTRUCTIONS

A. When overhauling Starter-Generators P/N 400SG138Q, 400SG138Q-2, and 400SG159Q per TM110, disregard any reference to stator or armature repairs as these will be fully serviced by Aircraft Parts Corporation. For armature and stator return details, call 316-943-8600 or e-mail unison.startergenerator@unisonindustries.com.

4. MATERIAL INFORMATION.

Not Applicable