

TITLE

FUEL - FUEL LOW LEVEL FLOAT SWITCH (SL001, LEFT; SR001, RIGHT) MOUNTING NUT TORQUE INSPECTION

EFFECTIVITY**MODEL**

525 (M2)

SERIAL NUMBERS

-0800 thru -1028, -1030, -1031

REASON

To make sure that the mounting nut on the fuel low level float switch (SL001, Left; SR001, Right) is properly torqued. Fuel may leak into the main landing gear wheel well if the mounting nut is not torqued properly.

DESCRIPTION

This service letter provides instructions to inspect and properly torque the mounting nut on the fuel low level switch (SL001, Left; SR001, Right).

COMPLIANCE

RECOMMENDED. This service bulletin should be accomplished at a scheduled maintenance period or inspection.

A service bulletin published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service bulletin, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service bulletin kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service bulletin only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service bulletin only to aircraft serial numbers identified in the *Effectivity* section of the bulletin.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service bulletin, service letter, or flight manual supplement without prior written consent from Textron Aviation.

Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

CONSUMABLE MATERIAL

You must use the consumable materials that follow, or their equivalent, to complete this service document.

NAME	NUMBER	MANUFACTURER	USE
Sealant	U470642 Type I, Class B2 (6 ounce Simkit)	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	For pressure sealing applications.

September 25, 2019

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Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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TOOLING

No specialized tooling is required to complete this service document.

REFERENCES

Citation Standard Practices Manual

PUBLICATIONS AFFECTED

None

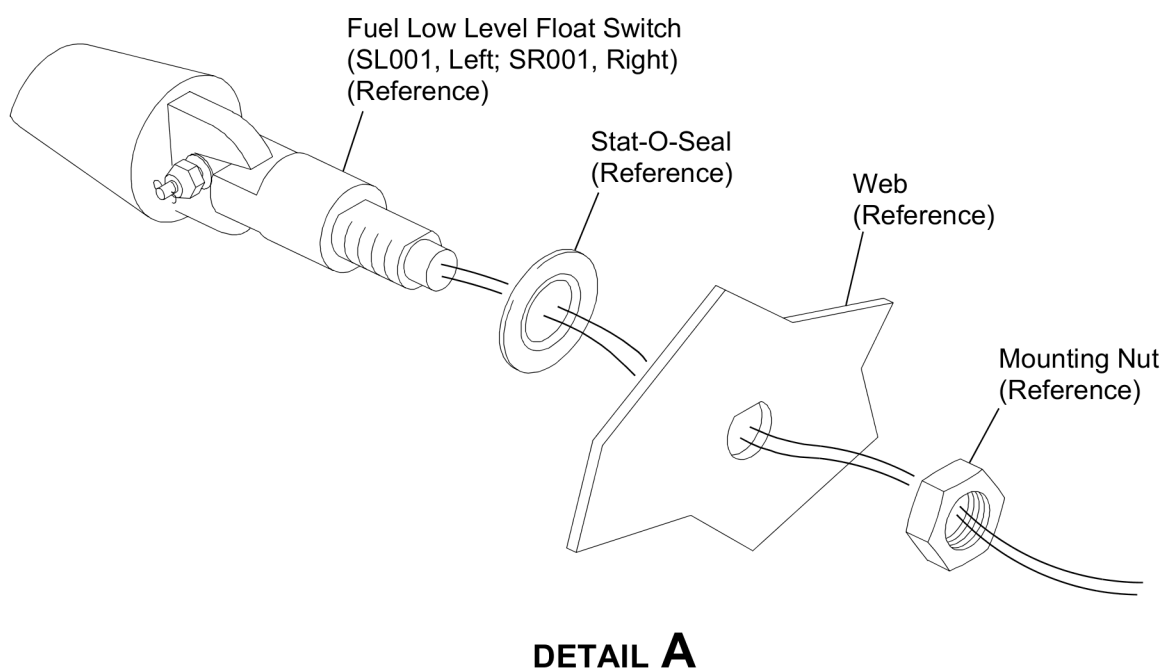
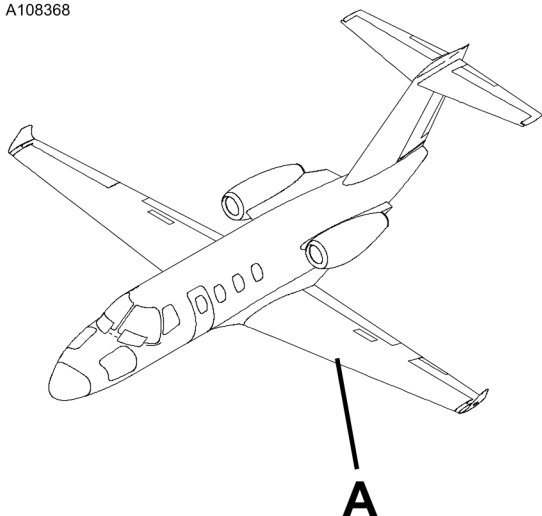
ACCOMPLISHMENT INSTRUCTIONS

1. Prepare the airplane for maintenance.
 - A. Make sure that the airplane is electrically grounded.
 - B. Make sure that all switches are in the OFF/NORM position.
 - C. Disconnect electrical power from the airplane.
 - (1) Disconnect the airplane batteries.
 - (2) Disconnect external electrical power.
 - D. Attach maintenance warning tags to the battery and external power receptacle that have **"DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS"** written on them.
2. (Refer to Figure 1, Detail A.) Remove sealant from around the fuel low level float switch (SL001, Left; SR001, Right) mounting nut.
3. Torque the fuel low level float switch (SL001, Left; SR001, Right) mounting nut from 145 to 150 inch pounds. (Refer to Citation Standard Practices Manual, Chapter 20, Tubing, Hose and Fittings - Maintenance Practices.)
4. Fillet seal around the fuel low level float switch (SL001, Left; SR001, Right) mounting nut with Type 1 Class B-2 sealant. (Refer to Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure, and High-Temperature Sealing - Maintenance Practices.)
5. Remove the maintenance warning tags and connect the airplane batteries.
6. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

NOTE: Textron Aviation recommends that compliance with all service documents is reported to a maintenance tracking system provider.

- Complete a record of compliance. (Maintenance Transaction Report, Log Book Entry, or other record of compliance.)
- Put a copy of the completed record of compliance in the airplane logbook.
- Send a copy of the completed record of compliance to the maintenance tracking system provider used.

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Figure 1. Fuel Low Level Float Switch (SL001, Left; SR001, Right) (Sheet 1)

TITLE

FUEL - FUEL LOW LEVEL FLOAT SWITCH (SL001, LEFT; SR001, RIGHT) MOUNTING NUT TORQUE INSPECTION

TO:

Cessna Model 525 (M2) Aircraft Owner

REASON

To make sure that the mounting nut on the fuel low level float switch (SL001, Left; SR001, Right) is properly torqued. Fuel may leak into the main landing gear wheel well if the mounting nut is not torqued properly.

COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Torquing / Sealing	2.0

MATERIAL AVAILABILITY

No parts are required to complete this service document.

WARRANTY

This service document is *recommended*. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

Eligibility: Airplanes identified within the serial number effectivity of this service document must have active Airframe warranty coverage on the original issue date of this document and the coverage must be active on the day the work is accomplished.

Labor Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities rated to perform maintenance on the specific model of Cessna Aircraft may submit a claim for the labor necessary to accomplish this service document as defined in the *Labor Hours* section of this document.

Credit Application: After this service document has been accomplished, a claim must be submitted to Textron Aviation within 30 days of the service document completion. Claims for compliance of this service document are to be filed as a W3 type claim.

Please submit your claim form online at ww2.txtav.com/Parts or email the completed Textron Aviation Claim Form to warranty@txtav.com. If submitted on-line a Return Authorization will be provided. If a paper claim is submitted your claim will be entered into the system and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Material Availability*), to the point of purchase.

Parts to be returned to Textron Aviation Parts Distribution should be forwarded to:
Textron Aviation Parts Distribution

September 25, 2019

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Warranty Administration
285 South Greenwich Road
Bldg B89, Docks 1-4
Wichita, KS 67206
USA

Expiration: September 25, 2021

Textron Aviation reserves the right to void continued airplane warranty coverage for the parts affected by this service document until the service document is accomplished.

NOTE: As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the Customer Access link at www.txtavsupport.com to register.