

**TITLE**

FLIGHT CONTROLS - REMOVE AND REINSTALL INVERTED LEFT AILERON TRIM TAB PUSHRODS

**EFFECTIVITY**

MODEL	SERIAL NUMBERS
208	20800615 thru 20800653
208B	208B5454 thru 208B5522

**REASON**

Left aileron trim tab pushrods may be inverted.

**DESCRIPTION**

This service document provides instructions to remove left aileron trim tab pushrods if found to be inverted and reinstall in the correct position.

**COMPLIANCE**

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

A service document 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 document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document 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 document only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 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 document 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.

**APPROVAL**

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

**CONSUMABLE MATERIAL**

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

September 17, 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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NAME	NUMBER	MANUFACTURER	USE
Cotter Pin	MS24665-132	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	For pushrod installation

**TOOLING**

No specialized tooling is required to complete this service document.

**REFERENCES**

Cessna Model 208/208B Maintenance Manual.

**NOTE:** To make sure all publications used are complete and current, refer to [www.txtavsupport.com](http://www.txtavsupport.com).

**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 external electrical power.
    - (2) Disconnect the airplane battery.
  - 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, Sheet 1.) Locate the 2622260-4 Trim Tab Push Rod Assembly, which is on the lower side of the left wing tip.
3. (Refer to Figure 1, Sheet 1.) Use a mirror to determine if the pushrod's NAS509-4 Nut is installed on the forward or aft side of the wing.
  - A. If the NAS509-4 Nut is installed on the aft side of the wing, no further action is required. Go to Step 9.
  - B. If the NAS509-4 Nut is installed on the forward side of the wing, the pushrod must be adjusted. Go to Step 4.
4. Remove 575AB fuel vent (wing tip). (Refer to Cessna Model 208/208B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
5. Remove access panel 551AB to gain access to the left aileron pushrod assembly. (Refer to Cessna Model 208/208B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
 

**NOTE:** When removing the left bracket on the left inboard pushrod, disconnect the outboard rod and remove screws that secure the bracket. This will allow access to remove the bolt.
6. Remove, reverse and reinstall the existing 2622260-4 Trim Tab Push Rod Assembly so that the NAS509-4 Nut is on the aft side of the wing. (Refer to Cessna Model 208/208B Maintenance Manual, Chapter 27, Aileron Trim System - Maintenance Practices.)
7. Install access panel 551AB. (Refer to Cessna Model 208/208B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
8. Install 575AB fuel vent (wing tip). (Refer to Cessna Model 208/208B Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
9. Remove the maintenance warning tags and connect the airplane battery.

10. 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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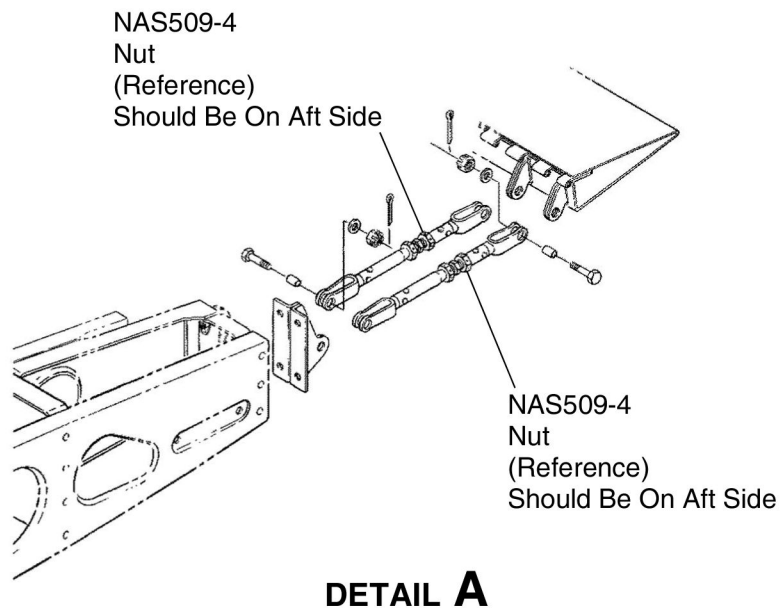
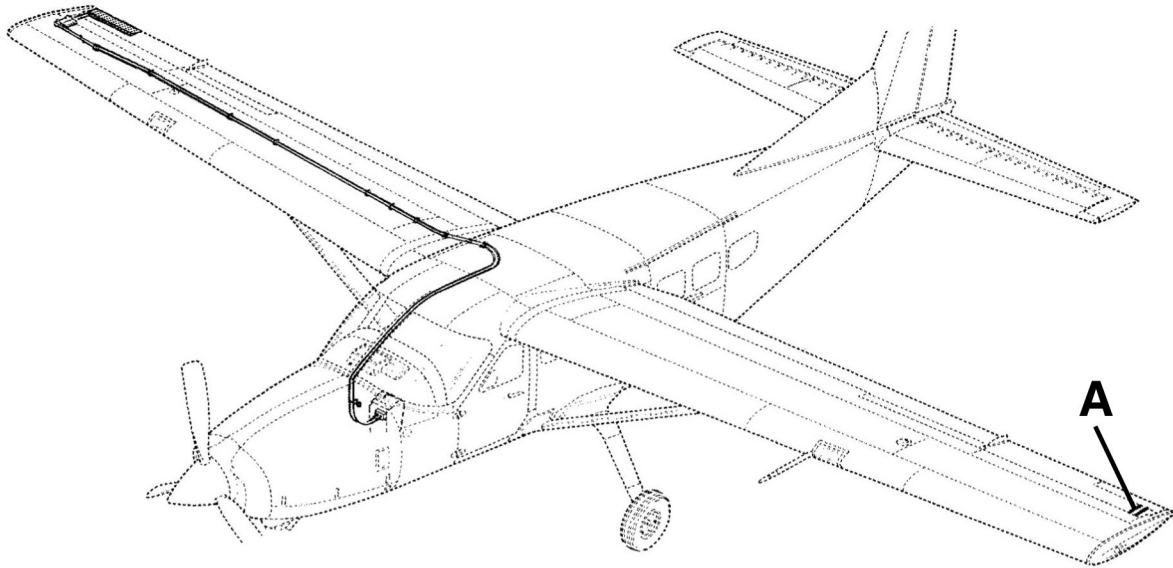


Figure 1. Remove and Reinstall Inverted Aileron Trim Tab Pushrods (Sheet 1)

**MATERIAL INFORMATION**

No parts are required to complete this service document.



**TITLE**

FLIGHT CONTROLS - REMOVE AND REINSTALL INVERTED LEFT AILERON TRIM TAB PUSHRODS

**TO:**

Caravan Aircraft Owner

**REASON**

Left aileron trim tab pushrods may be inverted.

**COMPLIANCE**

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

**LABOR HOURS**

For planning purposes only:

<b>WORK PHASE</b>	<b>LABOR-HOURS</b>
Modification	4.5
Inspection	.2

**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* section 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.

**Parts Coverage:** Textron Aviation-owned and Textron Aviation-authorized Service Facilities, operators, or other maintenance facilities may submit a claim for the parts required to accomplish this service document as defined in the *Material Availability* section of this document.

**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](http://ww2.txtav.com/Parts) or email the completed Textron Aviation Claim Form to [warranty@txtav.com](mailto: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  
Warranty Administration  
285 South Greenwich Road  
Bldg B89, Docks 1-4  
Wichita, KS 67206  
USA

**Expiration:** September 17, 2020 (after this date the owner/operator assumes the responsibility for compliance costs)

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](http://www.txtavsupport.com) to register.