

TITLE

LANDING GEAR - INSTALLATION OF NOSE LANDING GEAR LOWER TORQUE LINK STOP ASSEMBLY

EFFECTIVITY

MODEL	SERIAL NUMBERS
750 (Citation X+)	-0501 thru -0532

REASON

To install a stop assembly to keep the nose landing gear lower torque link above the nose landing gear tires when disconnected.

DESCRIPTION

This service document provides parts and instructions to install a stop assembly on the nose landing gear lower torque link.

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

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.

FLIGHT CREW OPERATIONS

No Changes

CONSUMABLE MATERIAL

No specialized consumable materials are required to complete this service document.

May 12, 2021

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TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Citation Standard Practices Manual

PUBLICATIONS AFFECTED

Cessna Model 750 (-0501 & On) Illustrated Parts Catalog

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 battery.
 - (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. Remove the upper and lower torque link inner connect pin as follows:
 - A. Push the button on the inner connect pin and remove from the upper and lower torque links.
3. (Refer to Figure 1, Detail A.) Install the nose landing gear lower torque links stop assembly as follows:
 - A. Remove the lower torque link as follows:
 - (1) Remove the cotter pin, MS17826-8 Nut and NAS1149F0832P Washer from the left and right lower torque link 6742051-17 Bolts. Keep the nut and washer..
 - (2) Remove two 6742051-17 Bolts, four 674051-20 Spacers, four 6742051-14 Thrust Washers and two MS14183P-C8 Washers from the left and right lower torque link attach points. Keep the bolts, spacers, thrust washers and washers.
 - (3) Remove the lower torque link from the nose landing gear.
 - B. (Refer to Figure 1, View A-A.) Install the nose landing gear lower torque link and stop assembly as follows:
 - (1) Install two 6742051-17 Bolts, two MS14183P-C8 Washers (countersink toward the head of the bolt), four 674015-20 Spacers, four 6742051-14 Thrust Washers through the left and right lower torque link attach points.

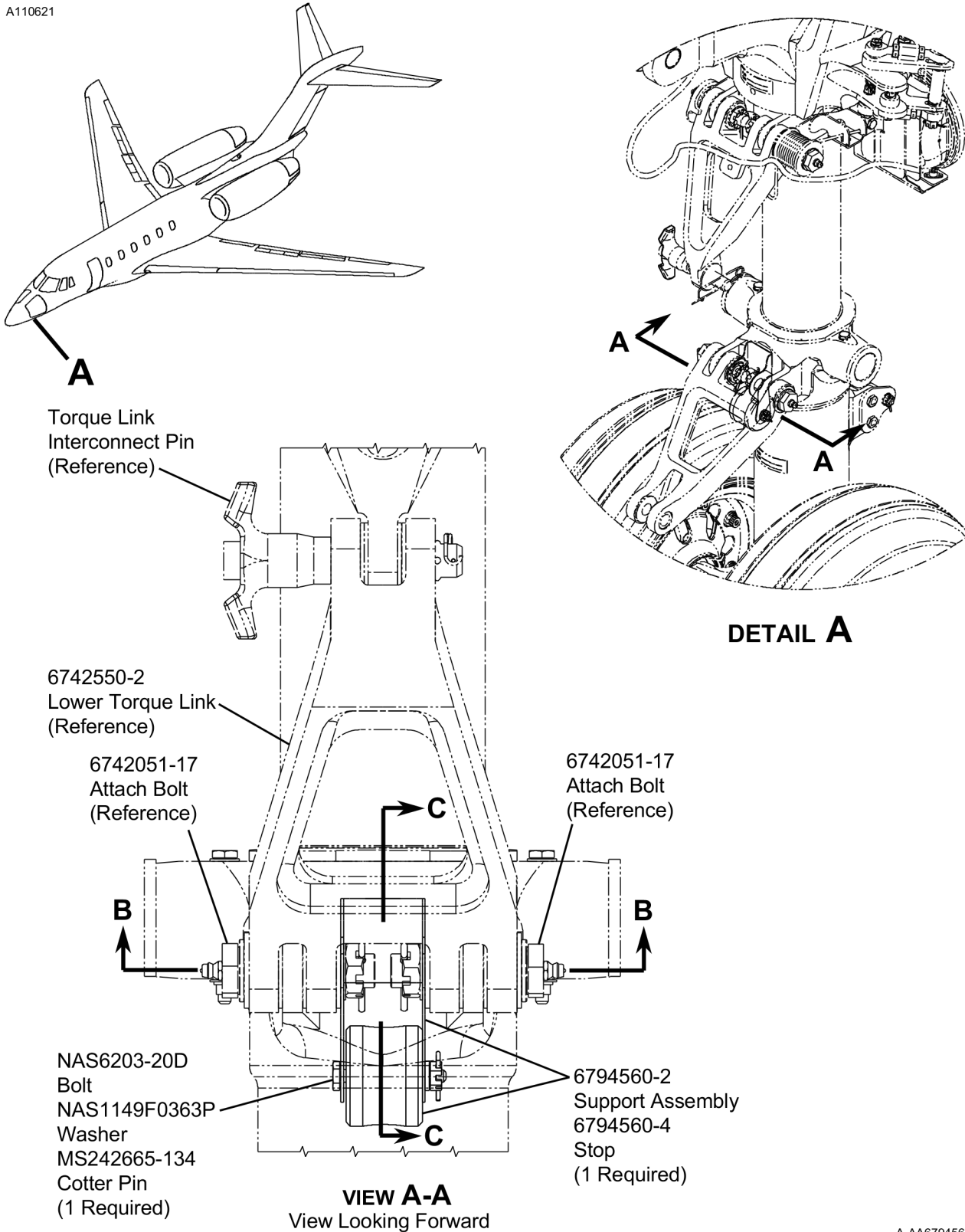
NOTE: Do not fully engage the 6742051-17 Bolts through the inboard holes of the lower torque link.
 - (2) Install one 6794560-2 Support assembly between nose landing gear and lower torque link.
 - (3) Push the 6742051-17 Bolts to fully engage through the lower torque link and 6784560-2 Support Assembly.
 - (4) Install two NAS1149F0832 Washers and two MS17826-8 Nuts on the 6742051-17 Bolts.
 - (5) Torque the two MS17826-8 Nuts to 260.0 (± 20.0) inch-pounds (29.37 ± 2.25 NM).
 - (6) Install two MS24665-287 Cotter Pins in the 6742051-17 Bolts. (Refer to Citation Standard Practices Manual, Chapter 20. Safelying - Maintenance Practices.)

- C. (Refer to Figure 1, View A-A.) Install one 6794560-4 Stop as follows:
- (1) Install the NAS6203-20D Bolt through 6794560-2 Support Assembly and 6794560-4 Stop.
 - (2) Install one NAS1149F0363P Washer and one AN320-3 Nut.
 - (3) Torque the AN320-3 Nut. (Refer to Citation Standard Practices Manual, Chapter 20, Torque Data - Maintenance Practices.)
 - (4) Install one MS24665-134 Cotter Pin in the NAS6203-20D Bolt. (Refer to Citation Standard Practices Manual, Chapter 20, Safetying - Maintenance Practices.)
4. Install the upper and lower torque link inner connect pin as follows:
- A. Push the button on the inner connect pin and install the pin through the upper and lower torque links.
5. Make sure the flight crew receives the *Flight Crew Operations Summary*, which shows the operational changes that are a result of the accomplishment of this service bulletin.
6. Remove the maintenance warning tags and connect the airplane battery.
7. 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.

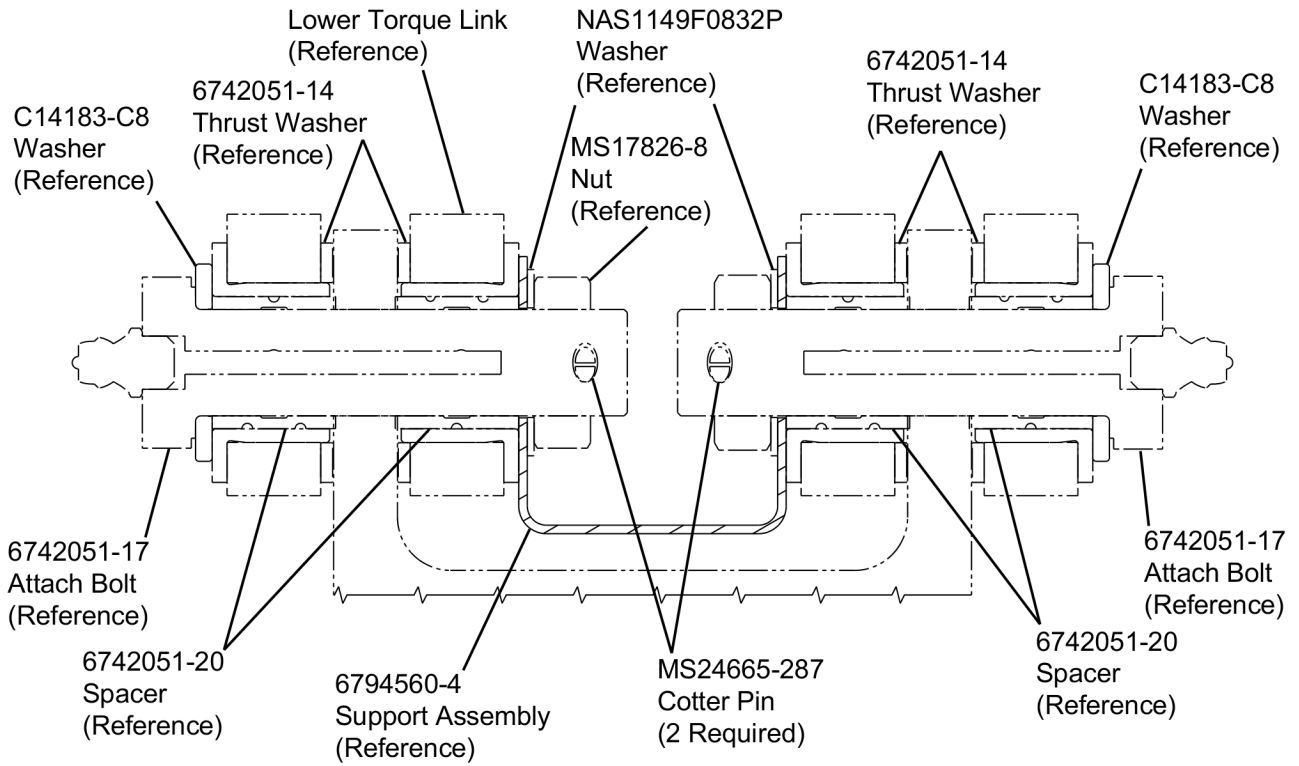
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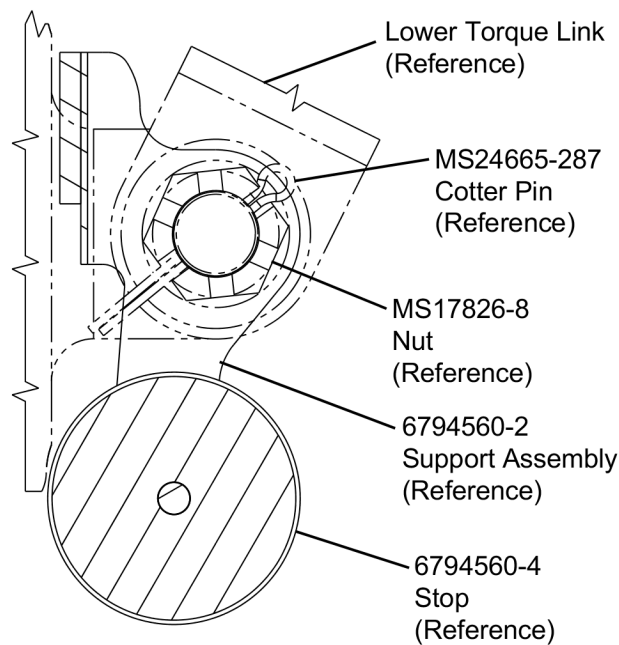
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Figure 1. Installation of the Nose Landing Gear Lower Torque Link Stop Assembly (Sheet 1)

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VIEW B-B



VIEW C-C

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Figure 1. Installation of the Nose Landing Gear Lower Torque Link Stop Assembly (Sheet 2)

MATERIAL INFORMATION

Order the kit below to install this modification.

NEW P/N	QUANTITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB750-32-65	1	Kit , consisting of the following parts:		
AN320-3	1	Nut		
MS24665-134	1	Cotter Pin		
MS24665-287	2	Cotter Pin	MS24665-287	
NAS1149F0363P	1	Washer		
NAS6203-20D	1	Bolt		
6794560-2	1	Support Assembly		
6794560-4	1	Stop		
SB750-32-65	1	Instructions		

* Please contact Textron Aviation Parts Distribution for current cost and availability of parts listed in this service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International). Send email to: parts@txtav.com.

Based on availability and lead times, parts may require advanced scheduling.

TITLE

LANDING GEAR - INSTALLATION OF NOSE LANDING GEAR LOWER TORQUE LINK STOP ASSEMBLY

TO:

Cessna Model 750 Aircraft Owner

REASON

To install a stop assembly to keep the nose landing gear lower torque link above the nose landing gear tires when disconnected.

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Modification	As Necessary
Test and Inspection	As Necessary

MATERIAL AVAILABILITY

The kit below is required to complete this service document.

PART NUMBER	AVAILABILITY	COST
SB750-32-65	*	*

* Please contact Textron Aviation Parts Distribution for current cost and availability of parts listed in this service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International). Send email to: parts@txtav.com.

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WARRANTY

None

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