

1. Job Set-up Information

A. Fixtures, Tools, Test and Support Equipment

REFERENCE	QTY	DESIGNATION
No specific	1	Torque wrench: range to between 44.25 and 88.50 LBF.IN
No specific	1	Torque wrench: range to between 100.25 and 1000 LBF.IN
No specific	1	Torque wrench: range to between 99.93 and 164.45 LBF.FT
460007242	1	ADAPTOR, TORQUE REACTION

2. Job Set-up

SUBTASK 32-11-29-941-050-A

A. Safety Precautions

Make sure that the ground safety locks are installed on the landing gear (REF Fig [32-00-00-991-00-200-A - Main and Nose Landing-Gears Safety-Devices](#)).

B. Aircraft Maintenance Configuration).

- (1) Make sure the applicable MLG wheels have been removed.

3. Procedure

(Ref. Fig [32-11-29-991-00100-00-B - Torque Link Damper - Location and Detail](#))

A. Preparation for Installation

- (1) Clean the component interface and/or the adjacent area with cheese cloth.
- (2) Make sure that the parts retained from the removed component are clean and in the correct condition.

B. Installation of the Torque Link Damper

- (1) Install the sleeve (9) in the top torque-link assembly and the sleeve (11) in the bottom torque-link assembly.
- (2) Put the spacer assembly (3) in position on the sleeve (9). Make sure that the flange of the spacer assembly (3) touches the top torque-link assembly.
- (3) Carefully install the torque link pin (6) into the torque link damper (5).
- (4) Put the spacer (4) in position on the torque link pin (6).
- (5) Install the torque link pin (6) through the spacer assembly (3), the top torque-link assembly and the sleeve (9).
- (6) Install the torque link damper (5) on the spacer assembly (3) with the bolts (1) and the washers (2).
- (7) TORQUE the bolts (1) in a diagonal sequence to 320 LBF. IN.

- (8) Align the apex of the top and bottom torque link assemblies.
- (9) Put and hold the spacer (10) in position between the top and the bottom torque link assemblies.
- (10) Push the torque link pin (6) through the torque link damper (5) and the top and bottom torque link assemblies. Push the pin (6) until the head is against the flange of the torque link damper (5).
- (11) Install the spacer (12) and the nut (13) on the torque link pin (6).
- (12) TORQUE the nut (13) as follows:
 - (a) Hold the torque link pin (6) with the ADAPTOR, TORQUE REACTION ([460007242](#)) and TORQUE the nut (13) to between 156.23 and 164.45 LBF.FT.
 - (b) Loosen the nut (13).
 - (c) TORQUE the nut (13) to between 99.93 and 164.45 LBF. FT.
 - (d) Make sure the slot in the nut (13) aligns with the hole in the link pin (6).
- (13) Install the bolt (16) through the washers (17), nut (13) and torque link pin (6).
- (14) Install the nut (14) on the bolt (16).
- (15) TORQUE the nut (14) to between 44.25 and 88.50 LBF.IN.
WARNING: USE PROTECTIVE GOGGLES EACH TIME YOU CUT A COTTER PIN. DISCARD LOOSE OR USED COTTER PINS IMMEDIATELY. A LOOSE OR USED COTTER PIN CAN CUT YOU OR MAKE YOU BLIND.
- (16) Safety the nut (14) with the new COTTER PIN (15).
- (17) Install the cover (7) and safety it with the new CABLE TIE (8).

4. Close-up

A. Close Access

- (1) Make sure that the work area is clean and clear of tools and other items.