

The Piper logo consists of the word "PIPER" in a bold, sans-serif font, enclosed within a dark rectangular box with a diagonal line on the left side.

Customer Services

SERVICE LETTER

No. 555

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

July 8, 1970

Subject: Inspection of Nose Gear Idler Link Assembly

Models Affected: PA-31 and PA-31-300 Navajo

Serial Numbers Affected: 31-2 and up.

Compliance Time: Recommended at the next 100 hour inspection.

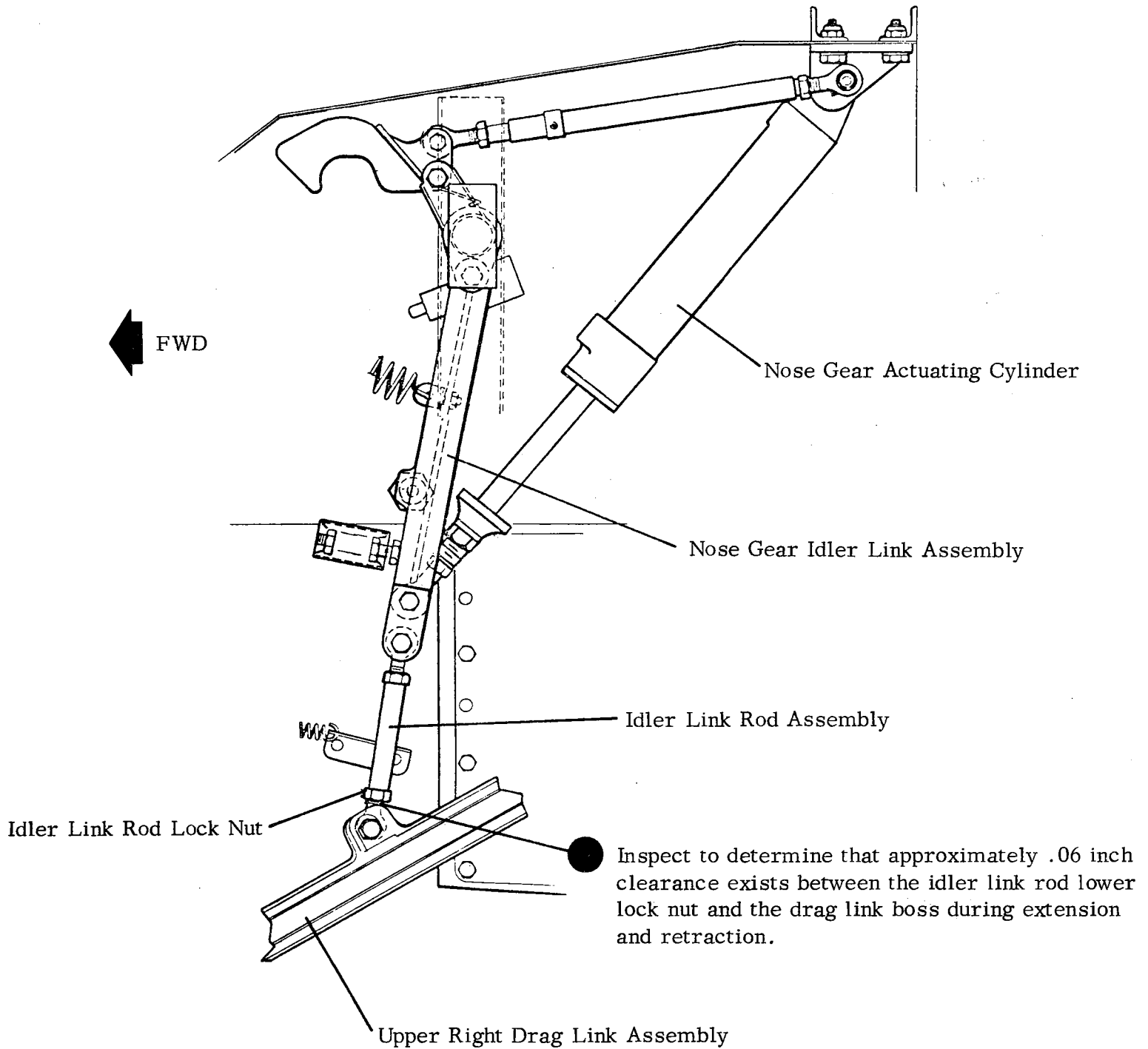
Purpose: To preclude possible interference between the nose gear idler link rod assembly lower lock nut and the drag link boss.

Instructions:

1. Inspect the nose gear idler link rod assembly to determine that approximately .06 inch clearance exists between the idler link rod lower lock nut and the drag link boss during landing gear retraction and extension (reference sketch on reverse side of this letter for additional information).
2. If the above referenced clearance exists, loosen the lower lock nut, clean threads thoroughly, apply "Loc-tite" to threads and retighten lock nut.
3. If clearance between the idler link rod lock nut and the drag link boss does not exist, adjust per information contained in Navajo Service Manual, Section VII. Then, accomplish Step No. 2 (above).
4. Subsequent to completion of Step No. 2, above, place a red dot (indelible ink) on the idler link rod lock nut.

Balance of Service Letter Format: Not applicable.

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