



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. 3
DATE May 4, 1966
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FAA Approved

**SUBJECT: RETROFIT - CLUTCH ENGAGEMENT SPRING
ASSEMBLY GUIDE**

**MODELS AFFECTED: 269B Helicopter Serial No's. 0193 through 0235
269A Helicopter (TH55A) Serial No's. 0331 through 0451**

TIME OF COMPLIANCE: At owners or operators discretion.

PURPOSE: To provide an improved guide.

Installation of the improved guide reduces wear of the guide by the spring assembly frame. Parts required to complete the change may be procured from the Parts Department by request on a no-charge basis.

Reference

269B Handbook of Maintenance Instructions

269A/A-1 Handbook of Maintenance Instructions (with TH55A
Addendum)

- a. Determine that belt drive transmission clutch is disengaged.
- b. Remove cotter pin located in ears on top of spring guide assembly.
- c. Insert guide, chamfered edge down, over existing guide assembly.
- d. Install spacer on cotter pin; insert pin through holes in guide ears.
- e. Install second spacer on cotter pin and secure pin.
- f. Visually inspect installation for proper security; perform an operational check of clutch engagement mechanism.
- g. Determine that guide still aligns with painted index mark on frame, with clutch engaged.

CAUTION

Excess spring tension with resultant belt stretch will result if the retrofit guide is used for alignment with the painted index mark when adjusting engagement spring tension. Use the original guide when checking alignment.

Parts Required

<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty.</u>
Guide	5483-13	1
Spacer	5483-15	2
Pin Cotter	AN 381-3-28	1

Weight & Balance Data

Weight Change	Negligible
CG Change	None