

SCHWEIZER SERVICE INFORMATION LETTER

LETTER NO. L-114.2*
DATE 15 February 1983
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*Supersedes Service Information Letter
No. L-114.1, dated 15 February 1982

TO—All owners and operators of Hughes Helicopters

**SUBJECT: NEW BELT DRIVE H-FRAME WITH PN 269A5050-78 UPPER
PULLEY BEARING HAVING SERVICE LIFE OF 3000 HOURS**

MODELS AFFECTED: All Model 269 Series Helicopters

Reference

269 Series - Basic HMI (CSP-C-2), Reissued 15 March 1982

269 Series - HMI Appendix B (CSP-C-4), Reissued 15 August 1982

Model 269C helicopters Serial No. 0850 and subsequent are equipped with a PN 269A5593-3 H-frame assembly which incorporates a larger outside diameter PN 269A5050-78 upper pulley bearing having a service life of 3000 hours. In comparison, the PN 269A5050-56 upper pulley bearings on earlier H-frame assemblies have a service life of 600 hours.

The new -78 bearing is useable only on the 269A5593-3 H-frame which has an enlarged bearing bore. This new H-frame assembly, however, may be installed as replacement when required on Model 269A, TH-55A, 269A-1, 269B and early 269C helicopters to utilize the -78 bearing with the longer service life.

It is to be noted that a new 269A5517-7 bracket, a 269A5430-1 spline, and a 269A5449-3 nut must be used when the 269A5593-3 H-frame is installed. A new 269A5519-7 bracket is also required, unless the 269A5573-11 H-frame assembly was previously installed.

Instructions for reworking the existing PN 269A9239 bearing puller special tool, to accommodate removal of either 269A5050-56 or 269A5050-78 upper pulley bearings, are provided on page 2 of this letter.

For further information, contact your Hughes Service Center or Distributor.

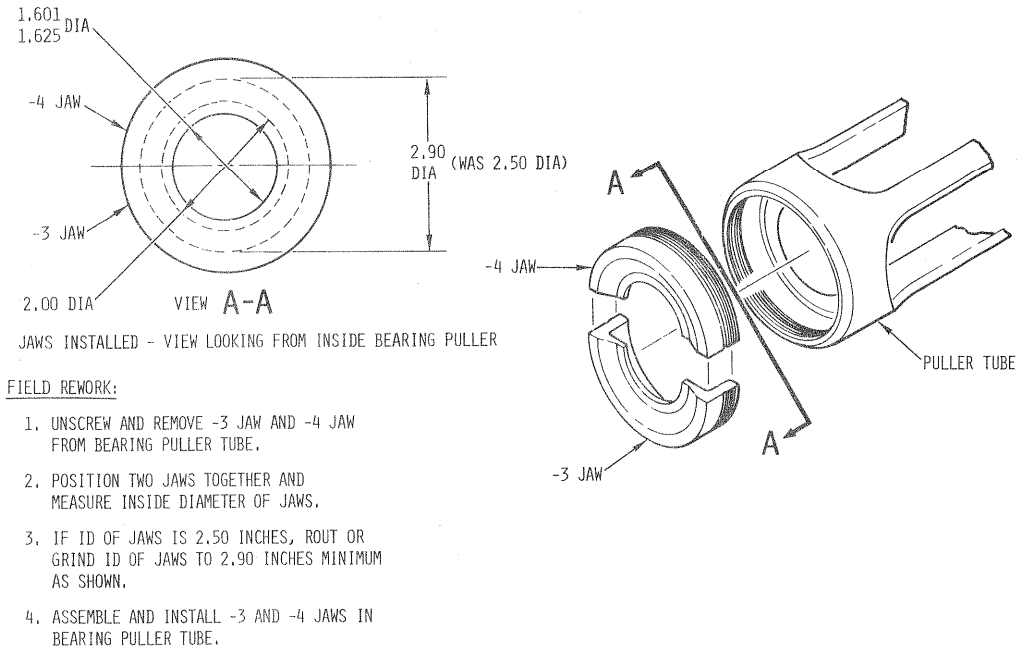
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(|) Denotes portion of text added or revised

Customer Service Department

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Figure 1. Rework of PN 269A9239 Bearing Puller Special Tool