



SCHWEIZER SERVICE NOTICE

NOTICE NO. N-193
DATE 1/9/85
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MANDATORY

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SUBJECT: INSTALLATION - P/N 269A5192 PINION AFT BEARING OIL STRAINER ASSEMBLY IN MAIN TRANSMISSION ASSEMBLIES BUILT PRIOR TO 1969.

MODELS AFFECTED: All 269A, 269A-1, 269B and 269C Helicopters having a Main Rotor transmission built prior to January 1969, which has not had the 269A5192 strainer installed as well as all transmissions in inventory.

NOTE: Notice N-76.2 recommended installation of this strainer; therefore, some units may already have the strainer installed.

TIME OF COMPLIANCE: Shall be accomplished within the next 300 hours of Helicopter operation or next annual inspection, whichever occurs first, for installed transmissions and prior to installation of spare transmissions.

PREFACE: Field Reports indicate that premature transmission failure may result from loss of lubrication to bearing surfaces due to blockage of oil passages by foreign matter.

This service information notice gives instruction for the installation of an oil strainer into the transmission to eliminate this problem.

Reference

Service information notice N-76.2
269 Series Basic HMI (CSP-C-2), reissued 15 March 1982.
269 Series I.P.C. (CSP -C-13), reissued 15 September 1981.

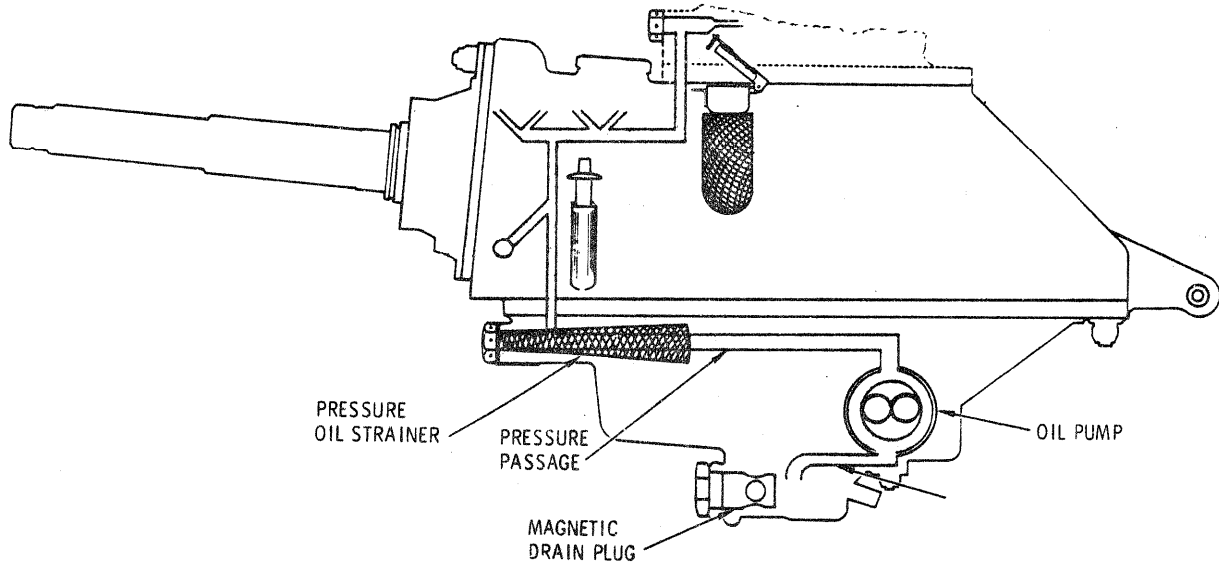
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MATERIALS

<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Mfr.</u>
Oil Strainer	269A5192	1	Schweizer
Wire, Safety	M520995C32	A/R	Commercial
O-ring	AN6290-6	1	Commercial

PROCEDURE

Position a container below the aft pinion gearbox housing main oil passage plug. Figure "A" below. Remove existing An814-6DL plug and insert oil strainer, part number 269A5192, with machined fitting outward. Replace O-ring on oil plug. Reinstall and safety wire plug, check oil level in transmission and fill to proper level. Make a log book entry to show proper compliance with this notice.



WEIGHT AND BALANCE DATA

Weight and balance not affected.

The resultant alteration to affected models from procedures given in this notice has been shown to comply with Federal Aviation Regulations and is FAA Approved.