

**HUGHES  
SERVICE INFORMATION  
NOTICE**

NOTICE NO. N-133

DATE 7 Nov 1975

PAGE 1 OF 2

**SUBJECT:** INSTALLATION OF ENGINE EXHAUST SEALS, PN 269A8225

**MODELS AFFECTED:** 269A Helicopter Serial No. 0011 thru 1109  
269A-1 Helicopter Serial No. 0001 thru 0041  
269B Helicopter Serial No. 0001 and subsequent  
269C Helicopter Serial No. 0003 thru 0209\*

**TIME OF COMPLIANCE:** At Owners and Operators discretion.

**PREFACE:** Installation of the 269A8225 engine exhaust seals is recommended for all of the above affected Model 269 Series helicopters. Included as standard equipment on current Model 269C helicopters, these port seals significantly reduce exhaust seal leakage and residue buildup on the engine cylinder head fins, and thus aid in improved engine cooling. Reduced exhaust leakage will provide additional protection against the possibility of carbon monoxide in the cabin area.

No special tools are required to install the 269A8225 seals. They are simply inserted in the ID of each manifold, at the connection of the manifolds to the adapter flanges at the engine. Instructions for removal and installation of the exhaust manifolds and optional exhaust system equipment kit components (exhaust muffler, exhaust heater jacket, etc) are provided in the referenced handbooks.

\* It is to be noted that early model 269C helicopters equipped with optional Configuration Conversion Kit No. M10078 already have the engine exhaust port seals installed as part of the kit.

Owners and operators of the above affected helicopters are strongly urged to install the 269A8225 seals, for improved engine performance and greater operating economy and safety.

Customer Service Department - Hughes Helicopters - Culver City, California

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NOTICE No. N-133

DATE 7 Nov 1975

PAGE 2 of 2

## Reference

269 Series - Basic HMI, Issued 1 April 1973; Revision No. 3, 15 March 1975  
269 Series - HMI Appendix A, Issued 1 April 1973

## PARTS LIST

<u>Nomenclature</u>	<u>Part Number</u>	<u>Qty</u>	<u>Mfr</u>
Seal, engine exhaust	269A8225	4	III

## PROCEDURE

a. Remove exhaust manifold assemblies, per Basic HMI. If installed, remove optional exhaust system kit components (exhaust muffler, exhaust heater jacket, etc), per HMI Appendix A.

b. Insert 269A8225 seal in ID of each manifold, at connection to manifolds to adapter flanges on engine.

c. Reinstall exhaust manifolds; as applicable, reinstall exhaust system kit components.