

**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. HN-69
DATE 10 June 1974
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SUBJECT: INSTALLATION OF HEATER SYSTEM MUFFLER ASSEMBLY

MODELS AFFECTED: 369HS Helicopter Serial No. 0101S through 0569S
369HE Helicopter Serial No. 0101E and subsequent
369HM Helicopter Serial No. 0101M through 0243S

TIME OF COMPLIANCE: At owners and operators discretion

PREFACE: The information given in this Service Information Notice lists a procedure for incorporating a muffler assembly into the cabin heating system in order to reduce cabin noise caused by air flow within the heating system. The modification consists of removing the existing duct assembly located downstream from the heat control valve assembly and replacing the duct with a muffler assembly.

Parts required for this change are listed on page 3 of this Notice. The instructions given in this Notice are to be used in conjunction with information contained in the handbooks listed below.

Reference

- 500 Series - Basic HMI, Issued 1 October 1972; Revision No. 2, 1 July 1973
- 500 Series - HMI Appendix A, Issued 1 October 1972; Revision No. 1, 1 July 1973

PARTS LIST

<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty</u>	<u>Mfr</u>
Muffler Assembly	369H8052-503	1	Hughes
Gasket	369H92491	1	Hughes

PROCEDURE

- a. Place BATT-OFF-EXT switch in OFF position.
- b. Remove interior trim as necessary to gain access to forward left-hand face of upper firewall.
- c. Disconnect flexible air ducts as necessary to gain access to heat control valve assembly and existing heat duct assembly 369A8052-3. See figure 1.
- d. Detach hose clamp and four nuts, washers and bolts securing duct assembly 369A8052-3 to heat valve and upper flex hose.
- e. Remove and discard duct assembly 369A8052-3 and gasket 369H92491. Retain all remaining parts for reinstallation.
- f. Install the new muffler assembly 369H8052-503 at the location from which the discarded duct assembly was removed, using a new gasket 369H92491 and the original hose clamp, bolts, washers and nuts.
- g. Reinstall flexible air ducts and interior trim that were removed for access during steps b and c above.
- h. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

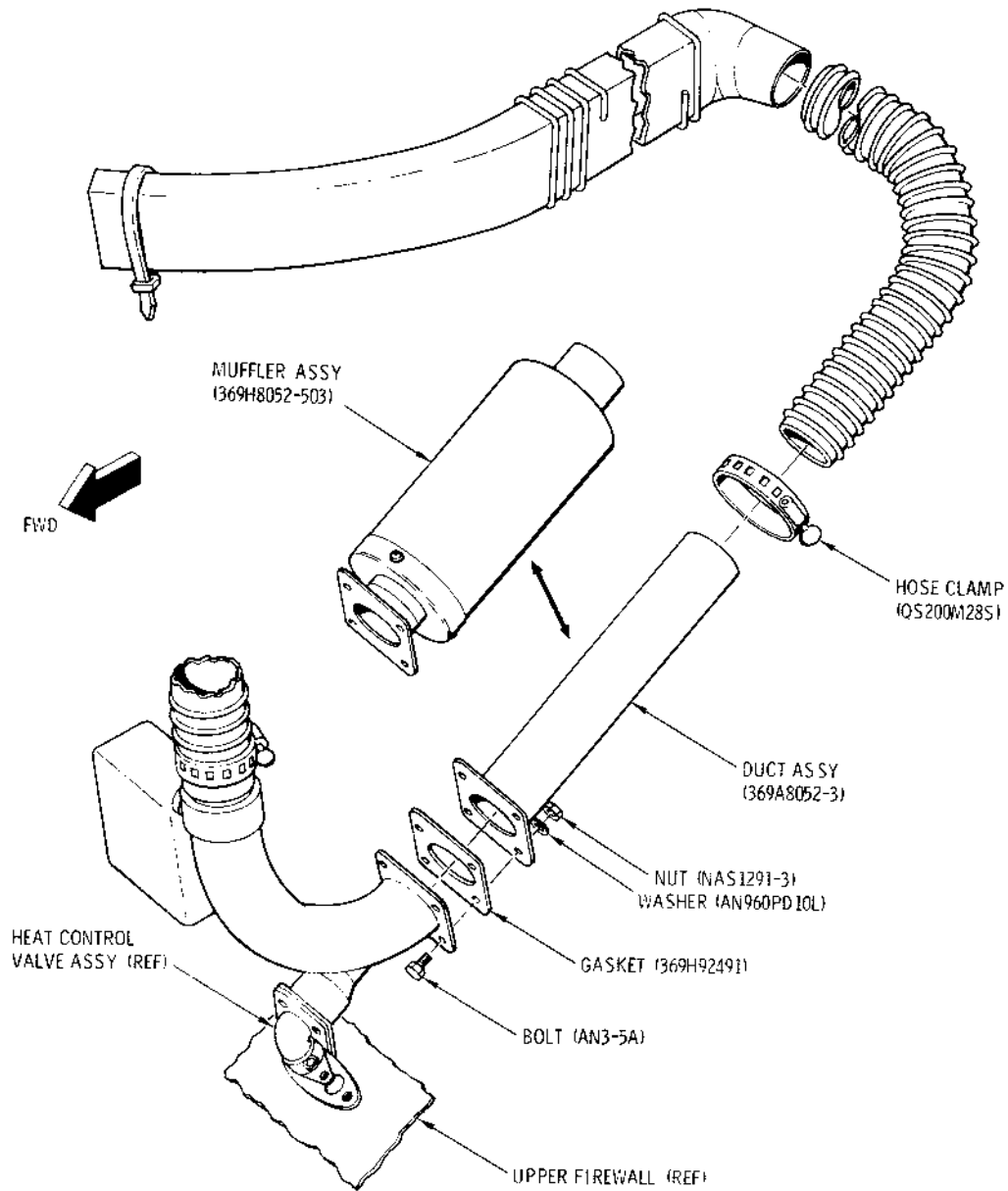


Figure 1. Installation of heater system muffler assembly