

*McDonnell Douglas*  
*Helicopter Company*  
**SERVICE INFORMATION NOTICE**

NOTICE NO. HN-85.1\*

DATE 20 June 1975

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\*Supersedes Service Information  
Notice HN-85 dated 5 May 1975

**SUBJECT:** RELOCATION - FUEL FILTER PRESSURE SWITCH  
PART NUMBER 369H8144

**MODELS AFFECTED:** 369HE Helicopter Serial No. 0101E through 0215E  
369HM Helicopter Serial No. 0101M through 0251M  
369HS Helicopter Serial No. 0101S through 0600S.

**TIME OF COMPLIANCE:** At owners and operators discretion.

**PREFACE:** This Service Information Notice contains instructions for the relocation of the Fuel Filter Pressure Switch.

Instance of erroneous fuel filter caution light indications have been traced to electrical interference from the generator. The generator magnetic field affects the permanent magnet in the pressure switch due to the close proximity of the switch to the starter-generator. The condition is particularly noticeable when the generator is brought on the line. Relocation of the switch will correct the condition.

Reference

369 Series - Basic HMI, Issued 1 October 1972; Revision No. 4, 15 December 1975  
369 Series - Illustrated Parts Catalog, Reissue No. 6, 1 October 1973;  
Revision No. 1, 1 June 1974

(||) Denotes portion of text added or deleted.

Product Support Department

*McDonnell Douglas*  
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PARTS LIST

<u>Nomenclature</u>	<u>Part Number</u>	<u>Qty</u>	<u>Manufacturer</u>
Fitting	369H8020	1	HH
Packing	MS29512-03	3	Commercial
Packing	MS29512-02	1	Commercial
Bushing	AN894-3-2	1	Commercial
Reducer	AN919-0C	1	Commercial

PROCEDURE

- a. Determine that all electrical power is OFF (refer to HMI).
- b. Gain access to engine accessory section.
- c. Remove hose from pressure switch (fuel pressure tap before filter) and from accessory case boss (fuel pressure tap after filter). (See Figure 1, View 1.)
- d. Remove pressure switch from accessory case.
- e. Remove fitting from accessory case.
- f. Install AN919-0C Reducer with MS29512-03 Packing. (See Figure 1, View 2.)
- g. Install 369H8020 Fitting with MS29512-03 Packing.
- h. Install pressure switch with MS29512-02 Packing on 369H8020 Fitting. Torque switch 40 to 50 inch-pounds.
- i. Install MS29512-03 Packing on switch; then install AN894-3-2 Bushing in switch.
- j. Attach hose at switch bushing; then secure opposite end of hose at reducer. Route hose to prevent kinking.
- k. Inspect installation for discrepancies.
- l. Perform an operational check of the system.
- m. Record compliance with the Service Information Notice in compliance section of helicopter Log Book.

WEIGHT AND BALANCE

Not Affected

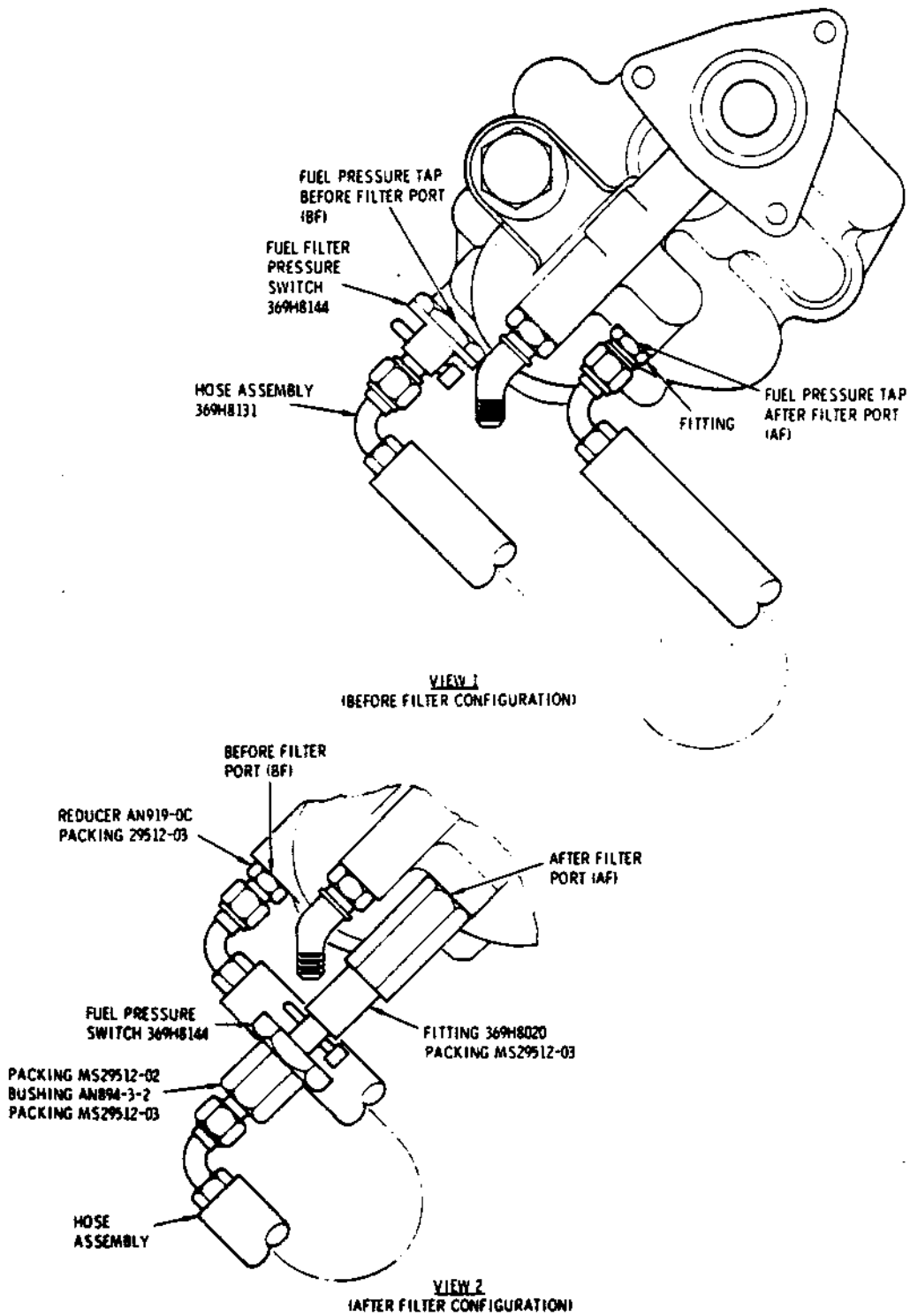


Figure 1. Fuel filter pressure switch relocation