



SERVICE BULLETIN

DATE: 21 APRIL 1970

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KIT INSTALLATION (M30209) – ENGINE FUEL FILTER PRESSURE SWITCH

1. PLANNING INFORMATION

A. MODELS AFFECTED:

369HM Helicopter Serial Nos. 0001 through 0004; 0005M through 0032M

B. PREFACE:

The information given in this Service Information Notice lists a procedure for installation of a new fuel filter pressure switch modification kit to make the engine fuel system compatible with either the single element or dual element type fuel pumps now provided by Allison for the Model 250-C18 power plant.

C. TIME OF COMPLIANCE:

Shall be accomplished in conjunction with installation of Allison single element fuel pump, P/N 6870052

D. WEIGHT AND BALANCE:

Weight and balance not affected

E. REFERENCE:

500 Series – Basic Handbook of Maintenance Instruction, Revised 1 November 1969

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F. PARTS LIST:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Modification Kit – Engine Pressure Switch Installation	M30209	1	HTC-AD
* Switch Assembly	369H8144	1	
** Hose Assembly	369H8131	1	
Packing	MS29512-03	2	
* One-way interchangeable with P/N 369A8140 Switch Assembly			
** One-way interchangeable with P/N 369A8010-629 Tube Assembly			

2. PROCEDURE

- a. Turn all switches OFF and disconnect external power.
- b. Remove engine access doors.
- c. Disconnect wiring for fuel filter pressure switch at knife splice.
- d. Remove reducer, 369A8010-629 tube assembly, 369A8140 switch assembly, and packing from fuel pump assembly. (Refer to HMI Section 10)
- e. Install new packing and 369H8144 fuel filter pressure switch in the before-filter port of fuel pump; torque switch to 40-to-50 inch-pounds.
- f. Install packing and reducer in the after-filter port of fuel pump; install 369H8131 hose assembly to reducer and switch.
- g. Connect switch lead wire at knife splice; install and secure insulating sleeving over knife splice.
- h. Check fuel filter pressure switch installation for discrepancies.
- i. Perform operational check of engine and fuel system.
- j. Install engine access doors.
- k. Record compliance with this Notice in Compliance Record of helicopter Log Book.