

# SERVICE BULLETIN

**TITLE:** Indicating - Replacement of the pressure switch

**SB Type:** Product improvement

## APPLICABILITY

Model:	AS350
Version:	B3
Helicopters PRE MOD:	0720202
Helicopters POST MOD:	0770000 or 0770004

## COMPLIANCE: OPTIONAL

At customer's choice.

## SUMMARY

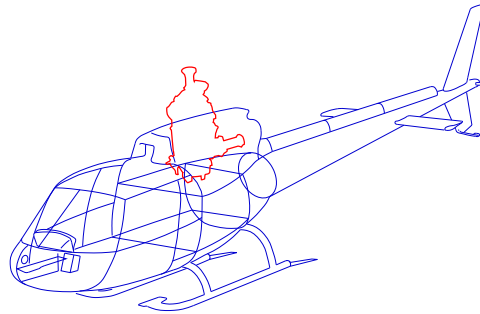
The purpose of this Service Bulletin is to replace the pressure switches to improve the leak tightness.

## GENERAL EVALUATION

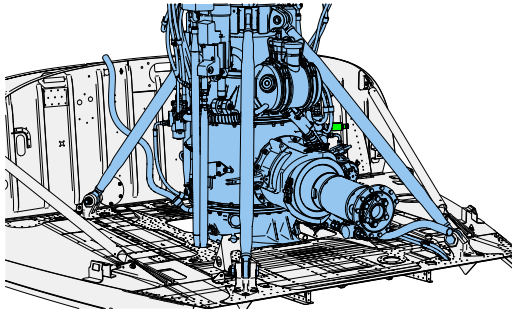
Evaluation table			
Perform once	YES	Accomplish recurring	NO

Export Control:  
US Export Control - No US content. This Item does not contain any U.S. origin ITAR or EAR content.  
FR Export Control - Not Listed. This Item is not listed against the EC regulations in the EU/FR.

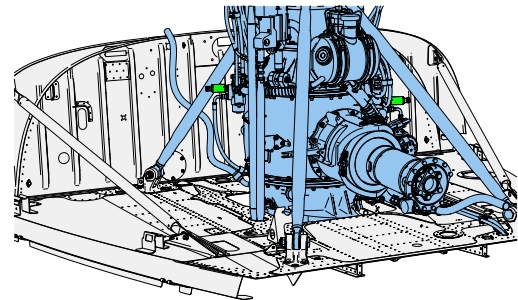
### GENERAL ILLUSTRATION



**HYDRAULIC SINGLE GENERATION**



**HYDRAULIC DUAL GENERATION**



OR

## PLANNING INFORMATION

### 1. REASON

The current design of pressure switch led to several cases of leakage. The investigations have shown that it was directly linked to sealing compression rate which was not in the good range compared to other designs for which no problem has been raised.

Airbus Helicopters has therefore defined this modification of design to correct the compression rate.

Consequently, the purpose of this Service Bulletin is to replace the pressure switches to improve the leak tightness.

The technical data and instructions contained in this Service Bulletin refer to the modification 0720202.

### 2. DESCRIPTION

This Service Bulletin provides instruction to replace the pressure switches.

### 3. CONFIGURATION DEFINITION

Criteria	Configuration
With hydraulic dual generation	CONF 1
With hydraulic single generation	CONF 2

### 4. CONCURRENT REQUIREMENTS

Not applicable.

### 5. APPROVAL

The technical content of this document is approved under the authority of the Design Organization Approval ref. EASA. 21J.700. For helicopters operated outside the terrain regulated by the EASA, the application of this document is subject to validation provided by the responsible aviation authority of the state of registry.

## 6. MANPOWER

### NOTE

The purpose of Man Hours is to give Airbus Helicopters customers a guideline for maintenance scheduling. It is not a contractual information.

### 6.1. Manpower for procedure

#### CONF 1 [

Number of Persons	Qualification	Estimated Man Hours
1	Mechanical technician	2h

]

#### CONF 2 [

Number of Persons	Qualification	Estimated Man Hours
1	Mechanical technician	1h

]

## 7. WEIGHT AND BALANCE

There is no change in weight and moment.

## 8. ELECTRICAL LOAD DATA

Not applicable.

## 9. DOCUMENTATION AFFECTED

- Aircraft Maintenance Manual (AMM)
- Illustrated Part Catalog (IPC).

The changes to the Instructions for Continued Airworthiness (ICA) that are required as a result of this Service Bulletin will be incorporated in the next Normal Revision. Refer to DN.008.0045 until the information is available in the published technical documentation.

## 10. MATERIAL INFORMATION

### 10.1. Price

For information about the price of the modification kits and/or components, or for aid, contact the Airbus Helicopters Network Sales and Customer Relations Department.

### 10.2. Availability

Contact the Sales and Customer Relations Department to know the delivery lead times.

### 10.3. Procurement

Send an order for the necessary quantities to the Airbus Helicopters Network Sales Department.

### 10.4. Mixability

**CONF 1** [ It is not allowed to mix before and after modification components on the helicopter.]

**CONF 2** [ This Service Bulletin has no effect on the mixability.]

### 10.5. LIST OF NEW MATERIALS

Individual Spares List					
Item	Designation	Reference	MFC	QTY	See Notes
1	PRESSURE SWITCH	704A37721001	F0210	2	(1)
2	O RING	DHS621-100.03	F0210	As required	(2)
NOTE(S)					
(1)	Only for hydraulic dual generation. (CONF 1)				
(2)	Two O ring for helicopter with hydraulic dual generation. (CONF 1) One O ring for helicopter with hydraulic single generation. (CONF 2)				
(3)	Only for hydraulic single generation. (CONF 2)				

Individual Spares List					
Item	Designation	Reference	MFC	QTY	See Notes
3	PRESSURE SWITCH	704A37721002	F0210	1	(3)
NOTE(S)					
(1) Only for hydraulic dual generation. (CONF 1)					
(2) Two O ring for helicopter with hydraulic dual generation. (CONF 1) One O ring for helicopter with hydraulic single generation. (CONF 2)					
(3) Only for hydraulic single generation. (CONF 2)					

Consumables, Materials and Expendables			
Designation	Reference	MFC	QTY
None			

Special Tools				
Item	Designation	Reference	MFC	QTY
None				

## 10.6. LIST OF EXISTING PARTS

REMOVED SPARE PARTS	
Old Reference	Designation
704A37721118	Pressure switch
704A37721117	Pressure switch
DHS621-100.03	O Ring

## 11. ACCOMPLISHMENT INSTRUCTION

### 11.1. PROCEDURE - Replacement of the pressure switch(es)

#### CONF 1 [

- 11.1.1. Replacement of the pressure switches:
- Remove the pressure switches, refer to [AMM 29-11-00.4-1](#)
  - Install the two PRESSURE SWITCH 704A37721001 (1) and the two O RING DHS621-100.03 (2), refer to [AMM 29-11-00.4-1](#).

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#### CONF 2 [

- 11.1.2. Replacement of the pressure switch:
- Remove the pressure switch, refer to [AMM 29-10-00.4-3](#)
  - Install the PRESSURE SWITCH 704A37721002 (3) and the O RING DHS621-100.03 (2), refer to [AMM 29-10-00.4-3](#).

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#### 11.2. CLOSE-UP

- 11.2.1. Install and/or close all cowlings, panels, doors and items of equipment that you removed and/or opened during the preliminary steps.
- 11.2.2. Remove all the tools, the materials and the equipment from your work area.
- 11.2.3. Record the full compliance with this Service Bulletin, with its issue number, in the helicopter documents and, if applicable, in the log card of the equipment or its next higher assembly.
- 11.2.4. Record the modification 0720202 in the helicopter documents and if applicable, in the log card of the equipment or its next higher assembly.
- 11.2.5. Record compliance with this Service Bulletin (see IN 3785-I-00 for instructions): QR code or hypertext link

## 12. ADDITIONAL INFORMATION

Not applicable.



[SB AS350-29-31-0001](#)

End of Service Bulletin