



POWER PLANT - NACELLE - POWERPLANT - REPLACEMENT OF FCD LATCH HOUSING FASTENERS -
CATEGORY CODE 7 - MOD.NAC-71-0170

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
- (2) Nacelle: (a) V2500-A1 Nacelles Prior To N0035

B. Reason

(1) Condition

Minimum clearance has been observed between the fasteners on the left Fan Cowl Door latch assemblies and the Fan Cowl Door locating pins when the door is in the closed position.

(2) Background

There have been several reports of the minimum clearance condition from Operators.

(3) Objective

To provide the necessary clearance and so maintain engine reliability

(4) Substantiation

Trial installation showed that the new fasteners introduced by this Service Bulletin gives the necessary clearance.

(5) Effect of Bulletin on:

(a) Removal/Installation	Affected
(b) Disassembly/Assembly	Not affected
(c) Cleaning	Not affected
(d) Inspection/Check	Not affected
(e) Repair	Not affected
(f) Testing	Not affected

(6) Supplemental Information

A320/V2500-A1/A320/A321/V2500-A5 Engine Manual (E-V2500-1IA) will be amended to instruct FCD latch assemblies and fasteners made spareable by this Service Bulletin.

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C. Description

(1) The change introduced by this Service Bulletin is as follows:-

- (a) The existing nuts and bolts are removed and replaced with new shorter bolts and low profile nuts.

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Industrie Modification which is under DGAC (Direction Generale de L'Aviation Civile - France) approval.

E. Compliance

Category 7

Accomplish when the supply of superseded parts has been depleted.

F. Manpower

Estimated manhours to incorporate the full intent of this Service Bulletin:

VENUE

ESTIMATED MANHOURS

(1) In Service

(2) At Overhaul

(a) To embody.....4.0 M/Hrs

Total 4.0 M/Hrs

G. Material Cost and Availability

Modification kit not required.

H. Tooling - Cost and Availability

None required.

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SERVICE BULLETIN

I. Weight and Balance

- | | |
|------------------------|--|
| (1) Weight change..... | None. |
| (2) Moment arm..... | No effect |
| (3) Datum..... | Engine Front Mount Centreline
(Powerplant Station PPS 100.00) |

J. Electrical Load Data

Not affected.

K. References

- (1) Internal Reference No.

89VN079

L. Other Publications Affected

A320/V2500-A1 Powerplant Illustrated Parts Catalog 71-13-11
(PIP-V2500-1IA)

A320/V2500-A1 Engine Illustrated Parts Catalog 71-13-11
(S-V2500-1IA)

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2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) None.

B. Modification Instructions

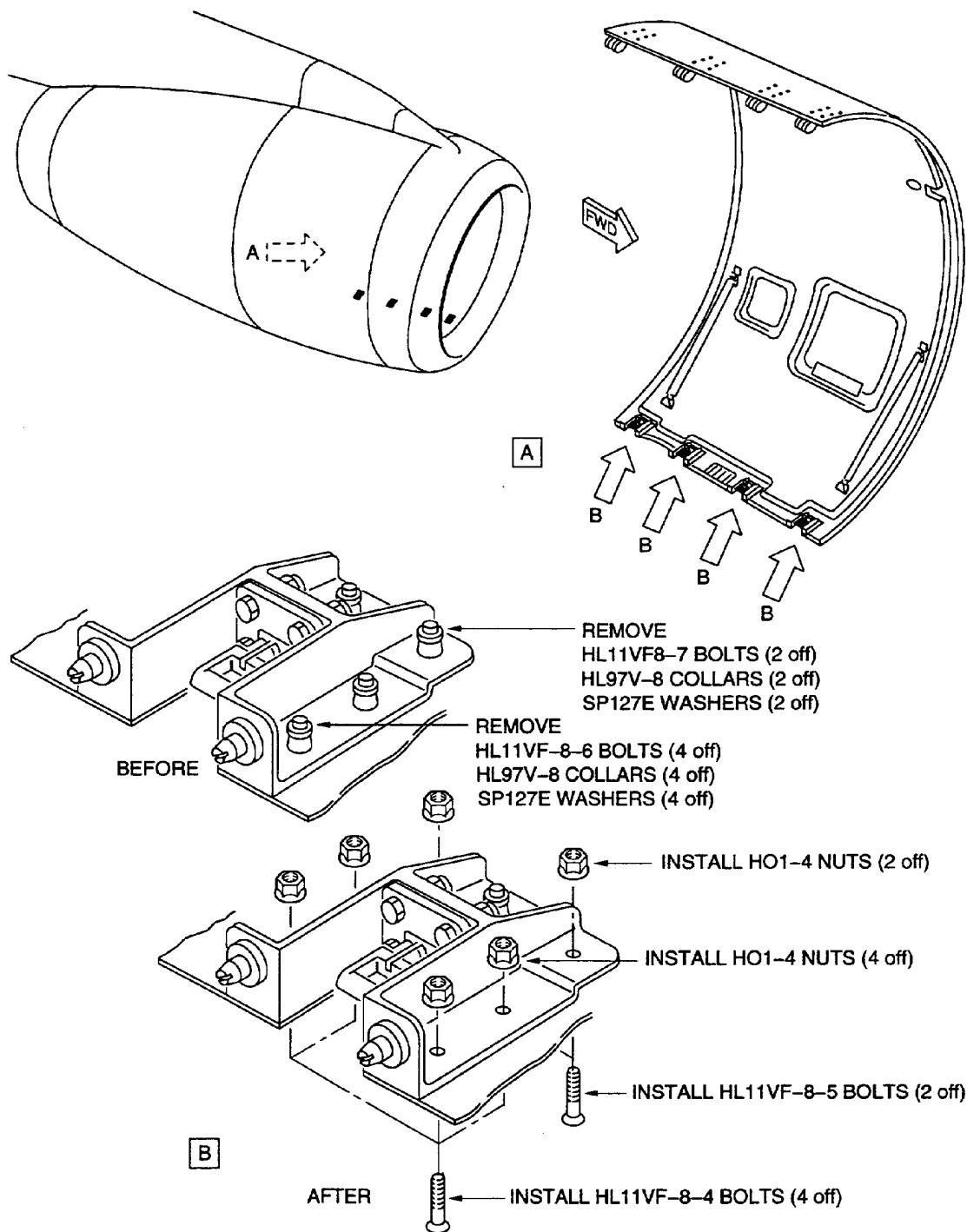
- (1) Remove two HL11VF8-7 bolts, two SP127E washers and two HL97V-8 collars, as shown, from the left Fan Cowl Door latch housing (Refer to Figure 1)
- (2) Install two HL11VF8-5 bolts and two H01-4 nuts to the left Fan Cowl Door latch housing as shown.
- (3) Remove four HL11VF8-6 bolts, four and four HL97V-8 collars from the left Fan Cowl Door latch housing
- (4) Install four HL11VF8-4 bolts and four H01-4 nuts to the left Fan Cowl Door latch housing as shown.
- (5) Torque the six H01-4 nuts to 100 lbfin (11.3 Nm)
- (6) Do steps 2.B.(1) thru 2.B.(5) at the three remaining latch housing positions.
- (7) Restore the exterior paint finish on the left Fan Cowl Door.

C. Post-requisite Instructions

None.

D. Recording Instructions

- (1) A record of accomplishment is necessary.



REMOVAL/INSTALLATION OF LATCH HOUSING FASTENERS
FIG.1



SERVICE BULLETIN

Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits associated with this Bulletin

None.

B. Parts affected by this Bulletin:

NEW PART No (ATA No)	QTY	EST'D UNIT PRICE (\$)	KEYWORD	OLD PART No (IPC No)	INSTR/ DISPOS
740-4015-501 (71-13-11)	4		Housing, Latch Keeper	---	(A)(C)
H01-4 (71-13-11)	28		.Nut	---	(A)(C)
HL11VF8-4 (71-13-11)	16		.Bolt	---	(A)(B)
HL11VF8-5 (71-13-11)	8		.Bolt	---	(C)
				(01-308)	(A)(B)
				(01-310)	(C)

C. Instructions/Dispositions Code Statements

- (A) New part currently available.
- (B) Old part can be used up on other applications.
- (C) New part number introduced as a new spare.

NOTE: The estimated 1997 unit price shown is provided for planning purposes only and does not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Spares Parts Sales Department for information concerning firm prices.

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