



POWER PLANT - NACELLE - POWERPLANT - REPLACEMENT OF FASTENERS ON THE FCD LOCATOR -
CATEGORY CODE 7 - MOD.NAC-71-0171

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
(b) Airbus A321
- (2) Nacelle: (a) V2500-A1 Fan Cowls Prior to Serial Number 287
(b) V2527-A5 Fan Cowls Prior to Serial Number 804001
(c) V2530-A5 Fan Cowls Prior to Serial Number 804001

B. Reason

(1) Condition

When the fan cowl doors are in the closed position the fasteners that secure the right and left FCD locators to the doors may contact the nose cowl guide bar.

(2) Background

Minimum clearance between the FCD locator fasteners and the nose cowl guide bar was observed during production.

(3) Objective

To maintain reliability by providing the necessary clearance between the FCD locator fasteners and the nose cowl guide bar.

(4) Substantiation

Trial installation showed that the new fasteners introduced by this Service Bulletin gave the required clearance.

(5) Effect of Bulletin on:

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

(6) Supplemental Information

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**SERVICE BULLETIN**

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

C. Description

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

- (a) The existing bolts and collars that attach the locators to the left and right FCDs are removed and replaced with shorter bolts and self locking 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Accomplish when the supply of superseded parts has been depleted.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) At Overhaul	1.50 M/Hrs
	Total 1.50 M/Hrs

G. Material Cost and Availability

Modification kit not required. Parts supplied as single line items.

H. Tooling - Cost and Availability

None required.

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I. Weight and Balance

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

J. Electrical Load Data

Not affected.

K. References

- (1) Internal Reference No.

93VN103

- (2) Other References

IAE V2500 Standard Practices/Processes Manual (SPP-V2500-1IA) 70-09-00

L. Other Publications Affected

A320/V2500-A1 Powerplant Illustrated Parts Catalog 71-13-11
(PIP-V2500-2IA) 71-13-16

A320/A321/V2500-A5 Powerplant Illustrated Parts 71-13-11
Catalog (PIP-V2500-2IA) 71-13-16

A320/V2500-A1 Engine Illustrated Parts Catalog 71-13-11
(S-V2500-1IA) 71-13-16

A321/V2500-A5 Engine Illustrated Parts Catalog 71-13-11
(S-V2500-2IA) 71-13-16

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2. Accomplishment Instructions

A. Pre-requisite Instructions

None

B. Rework/Modification Instructions

- (1) Remove an HL97V6 Hi-lok collar and an HL11VF6-7 Hi-lok bolt from the left fan cowl door. (Refer to Figure 1).
- (2) Install an HL11VF6-5 bolt and an H01-3 Kaynar nut to the left Fan Cowl Door in place of the bolt and nut removed in step B.(1).
- (3) Replace the two remaining Hi-Lok bolts and collars on the left Fan Cowl Door as instructed in steps B.(1) and B.(2).
- (4) Torque the Kaynar Nuts to 40lb in (4.52 Nm).
- (5) Restore the paint finish to the left Fan Cowl Door.
- (6) Do steps B. (1) thru B.(5) for the right Fan Cowl Door.

C. Post-requisite Instructions

None

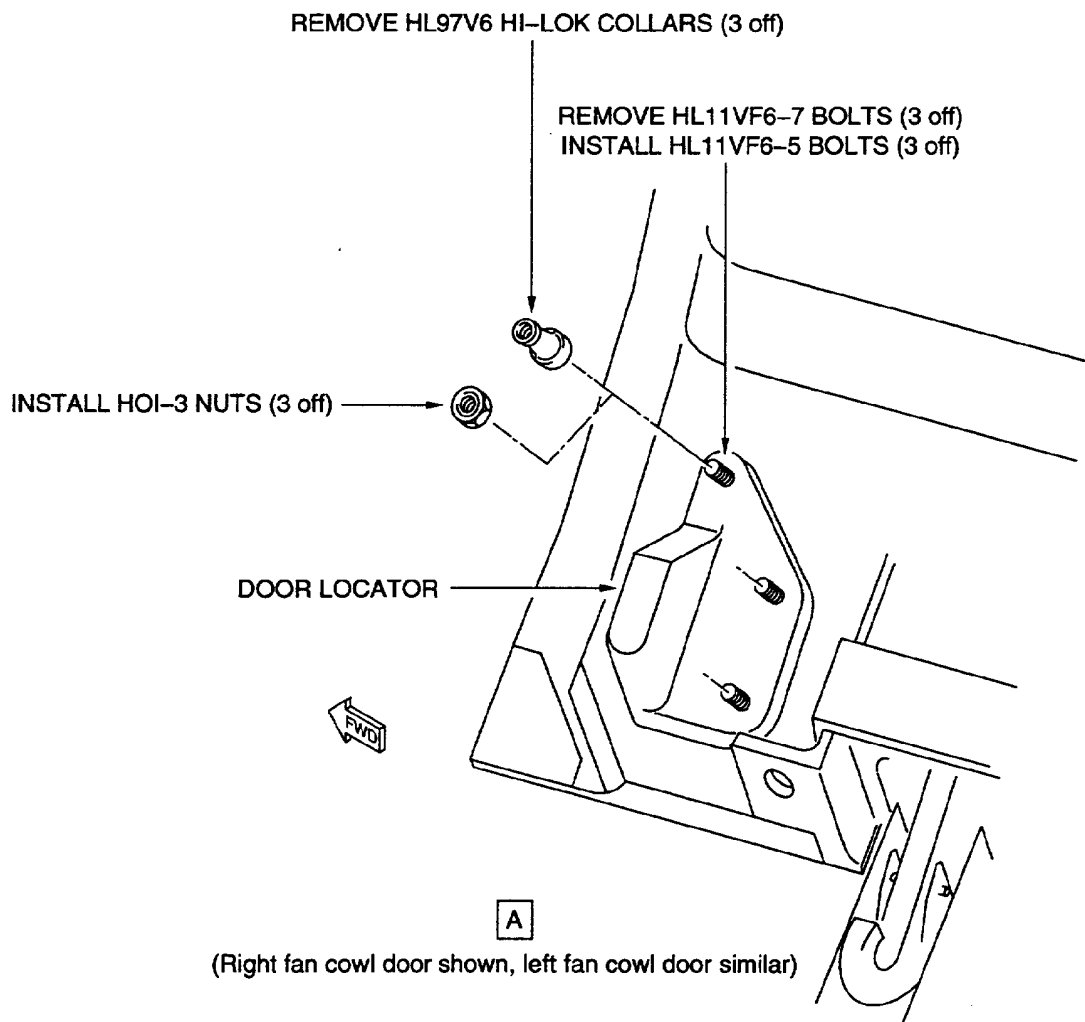
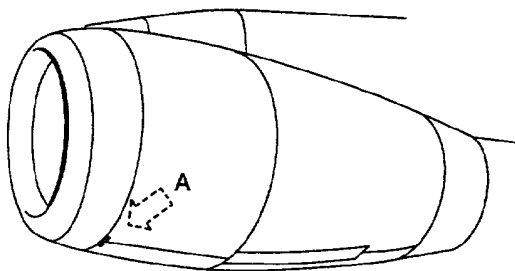
D. Recording Instructions

- (1) A record of accomplishment is necessary. Write in the applicable records and metal stemp,vibroetch,or electroetch on the FCD data plate that Service Bulletin V2500-NAC-71-0171 has been done. Refer to the IAE V2500 Standard Practices/Processes Manual, Chapter 70-09-00.

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REPLACEMENT OF DOOR LOCATOR FASTENERS
FIG.1

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3. Material Information

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
740-4033-503 (71-13-11)	1		.Door Locator (LH)	--- (01-650)	(A)(B)
HL11VF6-5 (71-13-11)	3		.Pin	--- (01-655)	(A)(B)
H01-3 (71-13-11)	3		.Nut	--- (01-660)	(A)(B)
740-4033-504 (71-13-16)	1		.Door Locator (RH)	--- (01-650)	(A)(B)
HL11VF6-5 (71-13-16)	3		.Pin	--- (01-655)	(A)(B)
H01-3 (71-13-16)	3		.Nut	--- (01-660)	(A)(B)

C. Instructions/Dispositions Code Statements

- (A) New part currently available.
(B) 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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