



POWER PLANT – ELECTRICAL HARNESS – EEC HARNESS FAN – INTRODUCTION OF REVISED
NACELLE-BREAK 4001VC CONNECTOR BRACKET – CATEGORY CODE 7 – MOD.ENG-71-0201

1. Planning Information

A. Effectivity

- | | |
|--------------|--|
| (1) Aircraft | (a) Airbus A319 |
| | (b) Airbus A320 |
| | (c) Airbus A321 |
| (2) Engines | (a) V2500-A1 Engines prior to Serial No.V0362 |
| | (b) V2522-A5 Engines prior to Serial No.V10325 |
| | (c) V2524-A5 Engines prior to Serial No.V10325 |
| | (d) V2527-A5 Engines prior to Serial No.V10325 |
| | (e) V2530-A5 Engines prior to Serial No.V10325 |
| | (f) V2533-A5 Engines prior to Serial No.V10325 |

B. Concurrent requirements

None.

C. Reason

(1) Condition

The bolts that attach the bracket for the nacelle-break 4001VC connector do not seat satisfactorily.

The problem is caused by unsatisfactory clearance between the bolts and an adjacent corner radius on the bracket.

(2) Background

The problem has been found during production engine assembly.

(3) Objective

The purpose of this Service Bulletin is to obey engine build standards.

(4) Substantiation

A satisfactory engineering analysis has been done on the changes contained in this Service Bulletin.

(5) Effect of Bulletin on:

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SERVICE BULLETIN

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental information

None.

D. Description

(1) The bracket for the nacelle-break 4001VC connector has changed, the changes are as follows:

(a) The material has been changed from titanium to stainless steel. A smaller bend radius can be produced, thus the clearance around the bolt will increase.

(b) The bracket has been redesigned to make the manufacture of it easier.

E. Approval

The part number changes and/or part modification are given in Section 2 and 3 of this Service Bulletin. They obey the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine models listed.

F. Compliance

Category Code 7

This Service Bulletin can be done when there are no initial parts remaining.

G. Manpower

Estimate of man-hours necessary to do this Service Bulletin in full:

Venue	Estimated Man-hours
(1) In service	Not applicable
(2) At overhaul	No more time is necessary to do this Service Bulletin.

NOTE: The parts affected by this Service Bulletin are accessible at overhaul.

H. Material - Price and Availability

(1) A modification kit is not necessary.

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(2) See 'Material Information' section for prices and availability of spares.

I. Tooling – Price and Availability

Special tools are not necessary.

J. Weight and Balance

- | | | | | | |
|-----|---------------|----|----|----|--|
| (1) | Weight change | .. | .. | .. | None |
| (2) | Moment arm | .. | .. | .. | No effect |
| (3) | Datum | .. | .. | .. | Engine front mount centreline
(Power Plant Station – PPS 100) |

K. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

L. References

- (1) Internal Reference No.

EC97VR006

M. Other Publications Affected

- (1) Illustrated parts catalog (IPC), Chapter/Section 71-51-41.
- (2) Engine Manual (EM), Chapter/Section, 72-00-32, Removal-05 and Installation-01, CONFIG-1
- (3) Component Maintenance Manual (CMM), Chapter/Section, 71-51-41, Inspection/Check-01, CONFIG-1



2. Accomplishment Instructions

A. Rework instructions

None.

B. Assembly instructions

For the correct removal/installation procedure refer to the applicable V2500 Engine Manual (EM), Chapter/Section, 72-00-32, Removal-05 and Installation-01, CONFIG-1.

C. Recording instructions

A record of accomplishment is necessary.

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3. Material Information

Applicability: For each V2500 Engine 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.)	Instructions Disposition
6A6562 (71-51-41)	1	252.00	Bracket - support, 4001VC connector, nacelle-break	5A9171 (06-560)	(A)(B)(S1)

NOTE: The 1997 unit prices shown are an estimate and they are given for the purpose of planning only. For information about actual prices, refer to the IAE Price Catalog or contact IAE's Spare Parts Sales Department.

C. Instructions disposition codes

- (A) Old part will be discontinued.
- (B) New part is currently available.
- (S1) Old and new part are freely and fully interchangeable.

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