



ENGINE - LP COMPRESSOR - PROVIDE LONGER ATTACHING BOLTS FOR THE OPEN LATCH INDICATOR
BRACKET - CATEGORY CODE 6 - MOD.ENG-72-0175

See Vendor Bulletin N

1. Planning Information

A. Effectivity

- (1) Aircraft : (a) Airbus A320
(b) Airbus A321
- (2) Engine : (a) V2500-A12 Engines prior to serial number V0348.
(b) V2527-A5 Engines prior to serial number V10036.
(c) V2530-A5 Engines prior to serial number V10036.

B. Concurrent Requirements

None.

C. Reason

(1) Condition

The length of existing bolts that secure the No.6 fairing panel and the open latch indicator bracket may not be of sufficient length.

(2) Background

Insufficient bolt length may occur as a result of adverse tolerances.

(3) Objective

To introduce the longer bolts which have enough length to secure the open latch indicator bracket.

(4) Substantiation

Analytically substantiated

(5) Effects of Bulletin on Workshop Procedures:

V2500-ENG-72-0175



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 length of two 4W0168, bolts (At both ends of No.6 fairing panel) in the three relate bolts which attach the open latch indicator bracket to the No.6 fairing panel are changed (See Figure 1).

NOTE: The 4W0166, middle bolt is not changed.

E. Approval

The part number changes and part modifications described in sections 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

F. Compliance

Category Code 6

Accomplish when the subassembly (i.e. Modules, Accessories, Components, Build Groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

G. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In service	Not applicable
(2) At overhaul	Not applicable

H. Material - Price and Availability

- (1) Modification kit is not required.
- (2) See "Material Information" section for prices and availability of future spares.

V2500-ENG-72-0175



SERVICE BULLETIN

I. Tooling - Price and availability

Special tools are not required to accomplish this Bulletin.

J. Weight and Balance

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

K. Electrical Load Data

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

L. Reference

- (1) Internal Reference No.

EC91VJ017

EC91J017-01

EC91VJ017A

EC91VJ017A-01

- (2) Other References

V2500 Engine Illustrated Parts Catalog.

V2500 Engine Manual.

M. Other publications affected

- (1) V2500 Engine Illustrated Parts Catalog, Chapter/Section 72-32-03.
- (2) V2500 Engine Manual, Chapter/Section 72-32-00, Assembly-14 Config-1 (for V2500-A1) and Config-2 (for V2500-A5).

V2500-ENG-72-0175

Jan.9/95

Page 3



2. Accomplishment Instructions

A. Assembly Instructions

(1) Make sure the existing part number of bolts on both ends for the No.6 fairing panel.

(a) If it is not 4W0168, bolts, do a following modification;

- 1 Replace the existing two bolts with the new two 4W0168, bolts on both ends of the No.6 fairing panel at two positions (Refer to Figure 1).

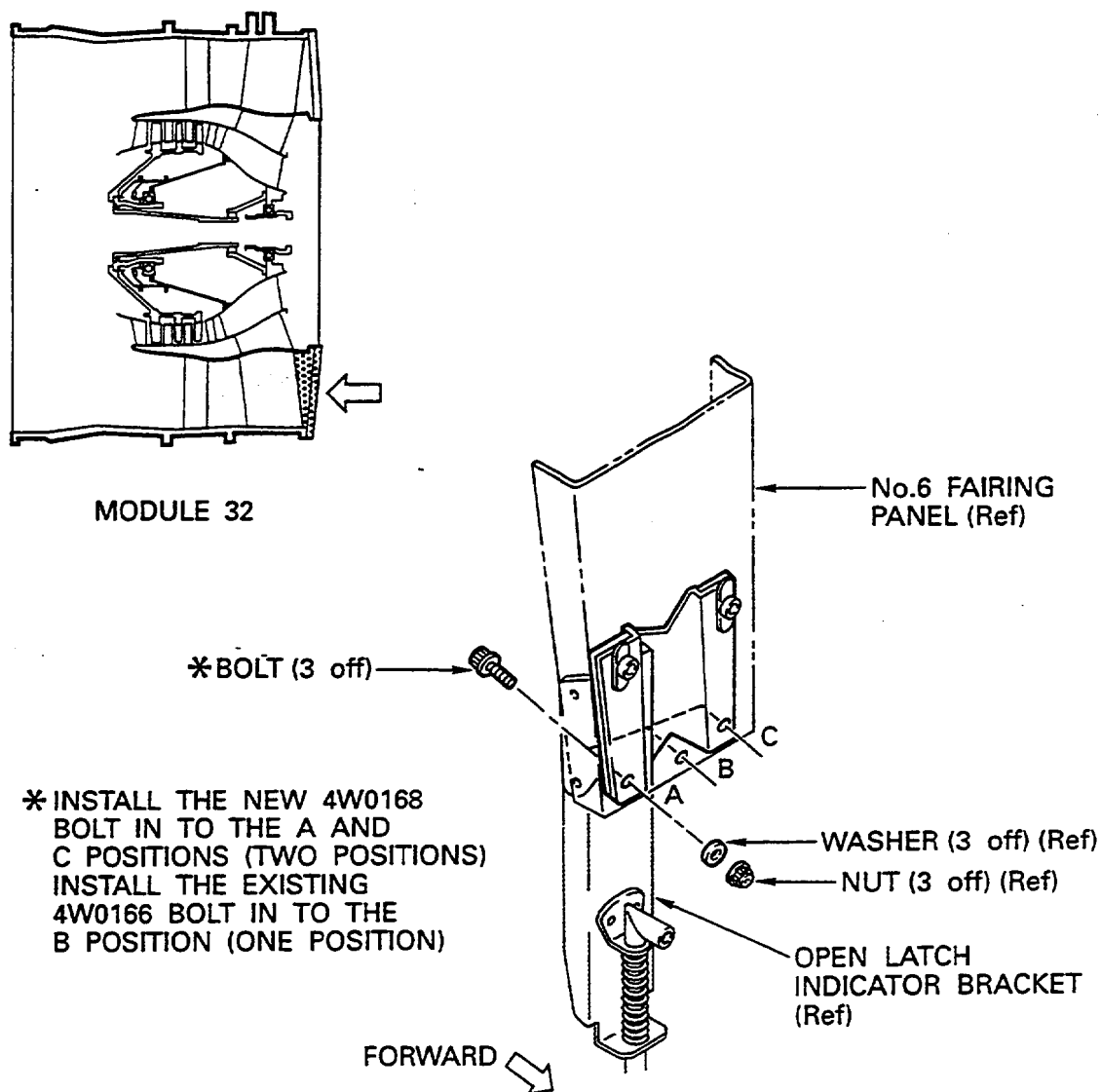
NOTE: The existing middle position of 4W0166, bolt on the No.6 fairing panel is not changed.

B. Rework Instructions

There are no rework instructions to accomplish this Bulletin.

C. Record Instructions

A record of accomplishment is required.



Replacement of the Bolts
Fig.1

V2500-ENG-72-0175



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500-A1 and V2500-A5 Engines 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
------------------------------	-----	-----------------------------	---------	------------------------------	------------------------------

For V2500-A1, V2527-A5 and V2530-A5 Engines

4W0166 (72-32-03)	1		.Bolt, Machine Double Hex	4W0166 (02-130)	(A)(B) (S1)
4W0168 (72-32-03)	2	6.33	.Bolt, Machine Double Hex	----- (02-132)	(A)(C) (S1)

C. Instruction/Disposition Code Statements:

- (A) New part is currently available for sale.
- (B) Quantity is decreased from 3 to 1.
- (C) Additional Item.
- (S1) New parts coded (S1) must replace old parts coded (S1) as a COMPLETE SET per Engine.

NOTE: The estimated 1995 Unit Prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

V2500-ENG-72-0175