



POWER PLANT - ENGINE - INCORPORATE REVISED BOLT LENGTH AT CP5675 - CATEGORY CODE 6 -
MOD.ENG-71-0062

1. Planning Information

A. Effectivity

- (1) Airplane: Airbus A320
- (2) Engine: V2500-A1 Engines prior to Serial Number V0122.

B. Reason

(1) Condition

Difficulty in assembly may occur when installing the bolt at clipping point CP5675 because of insufficient length of the bolt.

(2) Background

This condition has been noted during assembly of the production engines. A review of the bolt has shown that the longer the bolt will be much easier to install at CP5675.

(3) Objective

The changes in configuration recommended in this Service Bulletin are intended to ease assembly of the part.

(4) Substantiation

Substantiation test is not required.

(5) Effect of Bulletin on workshop procedure:

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

C. Description

- (1) The changes introduced by this Service Bulletin are as follows:

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- (a) At clipping point CP5675, the existing 4W0113, Bolt, has been changed to new 4W0115, Bolt, to increase the length of the bolt. (see Figure 1.)

(2) A new bolt will be available for future replacement purposes.

D. Approval

The Part Number Changes and/or 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.

E. Compliance

Category Code 6.

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

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At Overhaul (Note: The parts affected by this Service Bulletin are accessible at overhaul.	
(a) To install the new bolt	2 minutes
TOTAL	2 minutes

Remarks: As this bolt is replacing an existing bolt and it is a Category 6

G. Material Price and Availability

- (1) Modification Kit is not required. Parts supplied as single line items.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling Price and Availability

Special tools are not required to accomplish this Service Bulletin.

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SERVICE BULLETIN

I. Weight and Balance

- | | |
|-------------------|--|
| (1) Weight change | None |
| (2) Moment arm | No effect |
| (3) Datum | Engine front mount centerline
(Powerplant Station (P.P.S.) 100) |

J. Electrical Load Data

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

K. References

- (1) Internal Reference No.
EC89VJ112
- (2) Other References
 - (1) V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-44.
 - (2) V2500 Engine Manual, 72-00-40, Installation, TASK 72-00-40-420-006.

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-44.
- (2) V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 71-51-44.

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2. Accomplishment Instructions

A. Rework Instructions

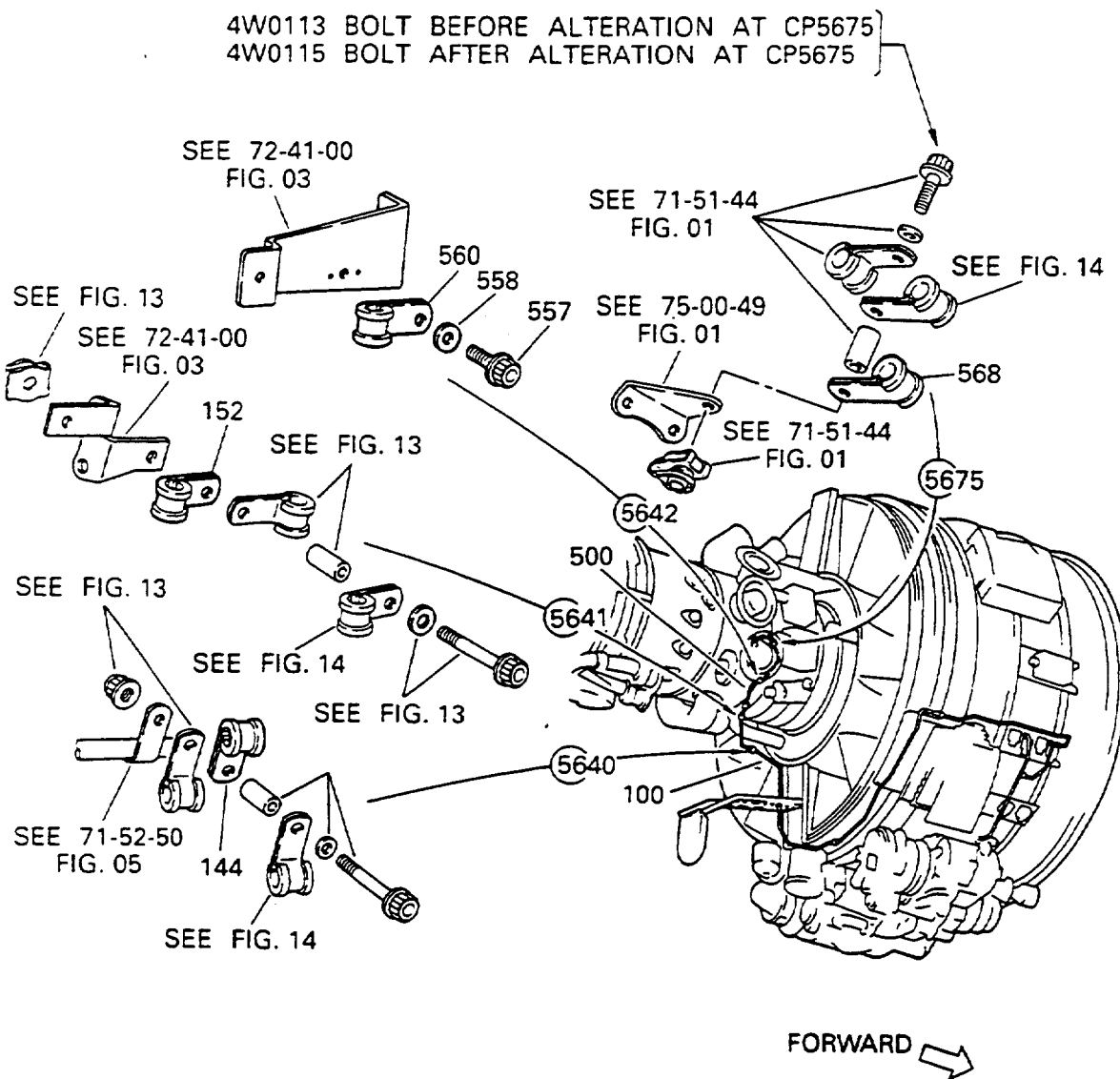
- (1) There are no rework instructions necessary to accomplish this Service Bulletin.

B. Fitment Instructions

- (1) At CP5675, install new 4W0115, Bolt, by the approved procedures in the Engine Manual, 72-00-40, Installation. (Refer to Figure 1, and 1.K. (2).)

D. Recording Instructions

- (1) A record of accomplishment is necessary.



Installation of the Bolt at CP5675 Before and After alteration
Fig.1

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SERVICE BULLETIN

3. Material Information

Applicability: For each V2500-a1 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Service Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
4W0115 (71-51-44)	1	2.20	.Bolt, CP5675	4W0113 (01-118)	(A)(B) (S1)(1D)

C. Instructions/Disposition Code Statements:

- (A) New part is currently available for sale.
- (B) Old part will continue to be available for sale on the other applications.
- (S1) New part may be used in place of old part, but not vice-versa.
- (1D) Old part can be used up on other applications.

D. Expendables Required to Incorporate this Bulletin:

None

E. Consumables Required to Incorporate this Bulletin:

None

NOTE: The estimated 1990 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.

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