



ENGINE - FUEL AND CONTROL - INCREASE LENGTH BOLTS FOR ELECTRONIC ENGINE CONTROL (EEC)  
GROUND CABLE STRAP - CATEGORY CODE 6 - MOD.ENG-73-0031

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines before Serial No.V0180

B. Reason

(1) Condition

The Bolts that support the Electronic Engine Control (EEC) Ground Cable Strap may have insufficient length.

(2) Background

Some Ground Cable Strap attaching Bolts may not have an adequate projection length.

(3) Objective

Provide longer Bolts for supporting the EEC Ground Cable Strap to its Support Bracket and EEC Housing.

(4) Substantiation

An analytical review.

(5) Effects of Bulletin on Workshop Procedures:

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) Provide a longer Bolt to attach the Ground Cable Strap to the EEC Support Bracket.

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- (2) Provide a longer Bolt to attach the Ground Cable Strap to the EEC Housing.

D. Approval

The Part Number Changes and/or part modifications described in Section 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. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts 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 .. .. .	Not applicable

G. Material - Price and Availability

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

H. Tooling - Price and Availability

None.

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. Reference

- (1) Internal Reference No.

90VA195

- (2) Other References

V2500 Engine Illustrated Parts Catalog.

V2500 Engine Manual.

L. Other Publications Affected

- (1) The V2500 Engine Illustrated Parts Catalog, Chapter/Section 73-22-34, Figure 1, to add the new parts.



## 2. Accomplishment Instructions

### A. Rework Instructions

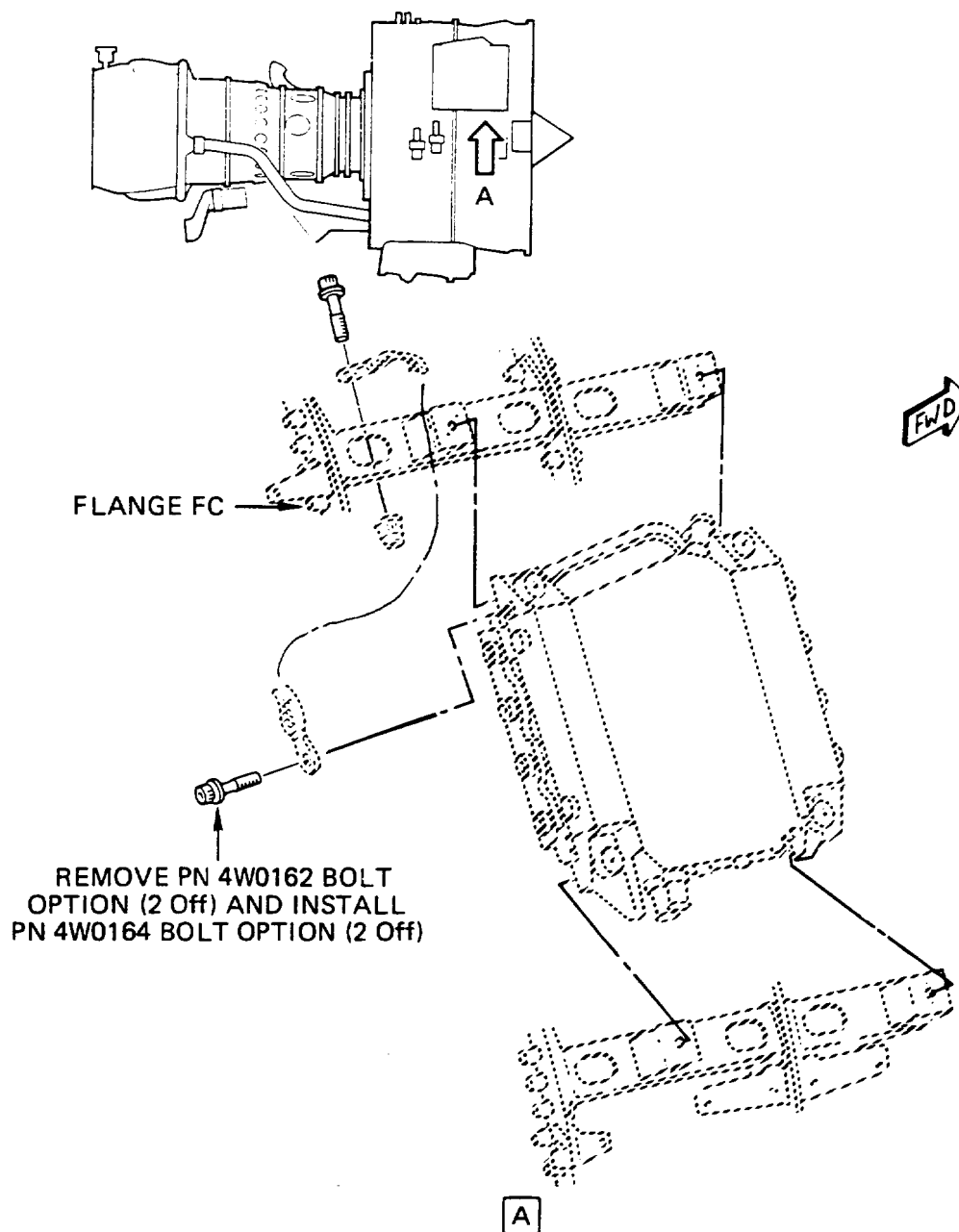
- (1) There are no rework instructions necessary for this Service Bulletin.

### B. Assembly Instructions

- (1) Replace the 4W0162 Bolt Option with the 4W0164 Bolt Option (1 off) on the Ground Cable Strap attachment to the EEC Support Bracket by the approved procedure in Reference (2), Chapter/Section 70-00-32, Installation-01. Refer to Figure 1.
- (2) Replace the 4W0162 Bolt Option with the 4W0164 Bolt Option (1 off) on the Ground Cable Strap attachment to the EEC Housing by the approved procedure in Reference (2), Chapter/Section 70-00-32, Installation-02. Refer to Figure 1.

### C. Recording Instructions

- (1) A record of accomplishment is necessary.



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Location of EEC Ground Strap Cable Bolts  
Fig.1

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## SERVICE BULLETIN

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
- (73-22-34)	2		Bolt Option Consisting of: .Bolt	4W0162 (01-340) AS21508	(B)
4W0164 (73-22-34) AS21510 MS9557-08	2	3.76	.Bolt, Machine Bolt Option Consisting of: .Bolt, Machine .Bolt, machine	MS9557-06 -	(A)

C. Instruction/Disposition Code Statements:

(A) New Part is currently available.

(B) The Old Part will no longer be available for sale.

NOTE: The estimated 1991 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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