



SERVICE BULLETIN

POWER PLANT - ENGINE - INCORPORATE A REVISED RELAY BOX MOUNTING BRACKET HAVING AN
ADDITIONAL SPACER AT CP1015 - CATEGORY CODE 5 - MOD.ENG-71-0059

1. Planning InformationA. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engine, Prior to Serial Number V0122

B. Reason

(1) Condition

The EEC Fan Harness could contact the Relay Box Mounting Bracket on either side of the CP1015 located on the Bracket.

(2) Background

This condition has been noted during assembly of new production engines. A review for the existing harness routing has shown that the integrity of the Harness will be improved if this condition was eliminated.

(3) Objective

To give sufficient clearance between the EEC Fan Harness and the Relay Box Mounting Bracket.

(4) Substantiation

Substantiation test is not required.

(5) Effect 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) The changes introduced by this Service Bulletin are as follows:

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- (a) A new Relay Box Mounting Bracket which has the additional spacer at CP1015 is introduced to give an adequate clearance between the Harness and the Bracket. (See Figures 1 and 2.)
- (b) The clipping bolt at CP1015 has been changed with longer bolt in line with the additional spacer welded on the Bracket. (See Figure 2.)
- (2) The new Relay Box Mounting Bracket and the Bolt at CP1015 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 5

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

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) In shop	Not applicable

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.

I. Weight and Balance

- | | |
|-------------------|-----------|
| (1) Weight change | None |
| (2) Moment Arm | No effect |

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- (3) Datum Engine front mount centerline
(Powerplant Station (PPS) 100)

J. Electrical Load Data

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

K. References

- (1) Internal Reference No.

EC89VJ030

ECM89VJ030-01

- (2) Other References

V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-41 and 71-51-49.

V2500 Engine Manual, 70-00-32, LP Compressor/Intermediate Case Module - Installation, TASK 72-00-32-420-002 and TASK 72-00-32-420-004.

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-41 and 71-51-49.

- (2) V2500 Engine Manual, 72-00-32, Installation-02 and Installation-04.

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2. Accomplishment Instructions

A. Rework Instructions

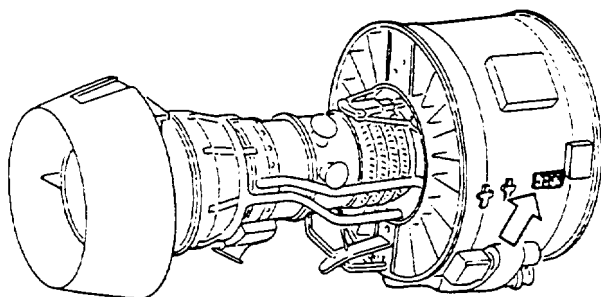
- (1) There are no rework instructions necessary to accomplish this Service Bulletin.

B. Fitment Instructions

- (1) Install the new 6A4132, Relay Box Mounting Bracket, A/O, by the approved procedures in the Engine Manual, 72-00-32, Installation, TASK 72-00-32-420-002. (Refer to Figure 1 and 1.K.(2).)
- (2) At CP1015, install the new 4W0110, Bolt, in exchange for the existing 4W0104, Bolt, by the approved procedures in the Engine Manual, 72-00-32, Installation, TASK 72-00-32-420-004. (Refer to Figure 2 and 1.K.(2).)

C. Recording Instructions

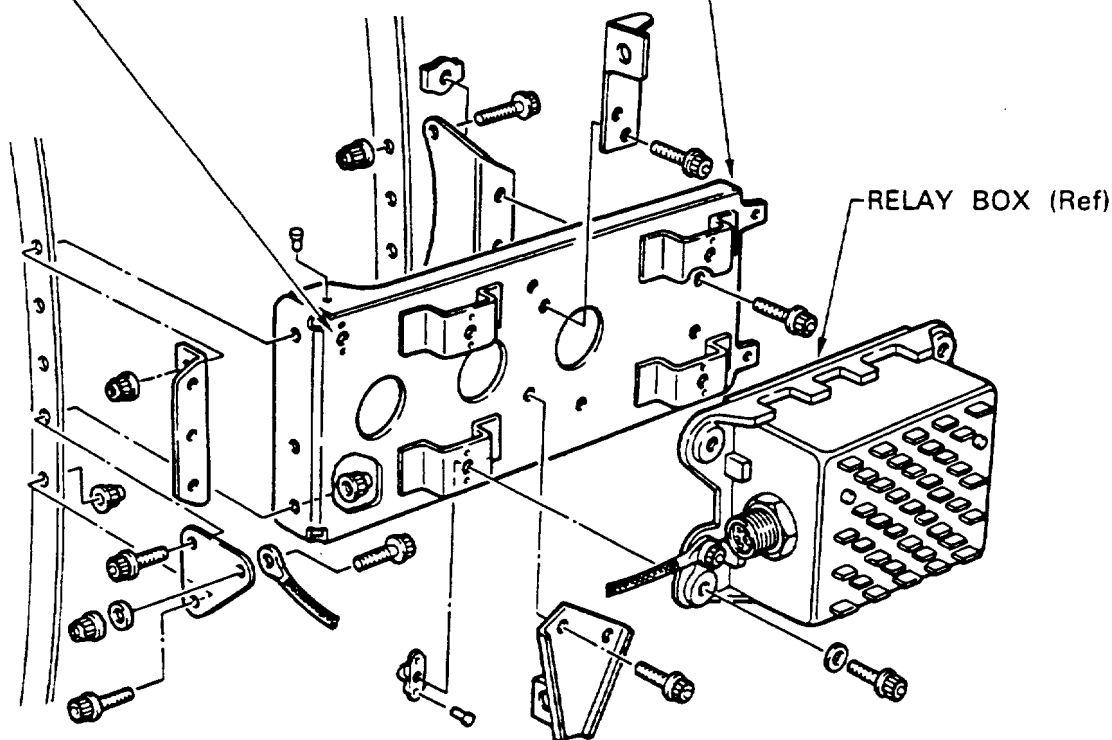
- (1) A record of accomplishment is necessary.



FORWARD →

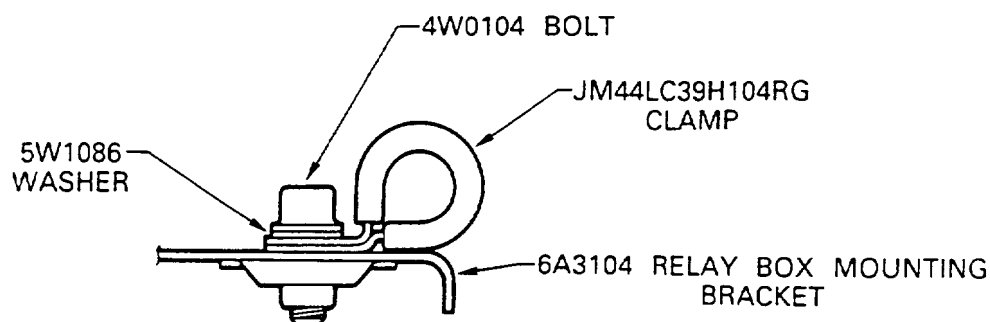
6A3104 RELAY BOX MOUNTING BRACKET
REPLACE WITH NEW PN
6A4132 RELAY BOX MOUNTING BRACKET

CP1015 (See Figure 2 for Detail)

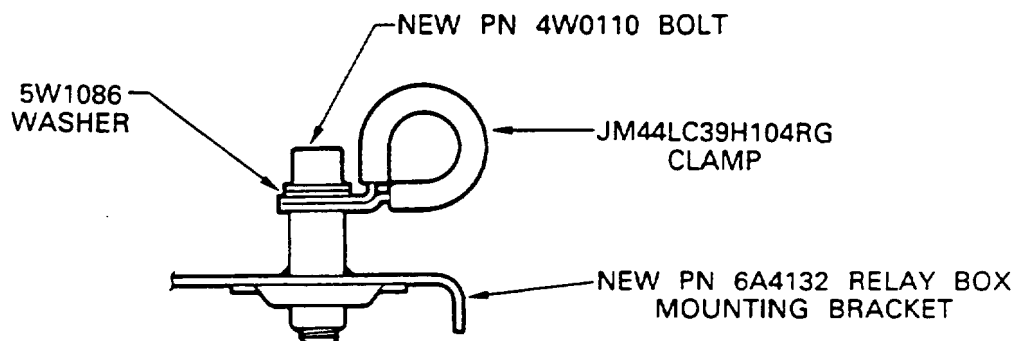


Location of the Relay Box Mounting Bracket
Fig.1

ded0000198



CLIPPING CONFIGURATION AT CP1015
BEFORE ALTERATION



CLIPPING CONFIGURATION AT CP1015
AFTER ALTERATION

Clipping Detail at CP1015 – Before and After Alteration
Fig.2



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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 Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
4W0110 (71-51-41)	1	3.23	.Bolt, Machine Double Hex CP1015	4W0104 (02-079)	(A)(B)(S1) (S2)(S3)
6A4132 (71-51-49)	1	483.00	.Bracket, A/O Mounting Relay Box	6A3104 (01-400)	(C)(D)(S1) (S3)

C. Instruction/Disposition Code Statements:

- (A) New Part is currently available.
- (B) Old Part will continue to be available for sale on the other applications.
- (C) New Part will be available approximately March 1990.
- (D) Old Part will no longer be available for sale.
- (S1) New Parts coded (S1) must replace Old Parts coded (S1) as a COMPLETE SET per engine.
- (S2) Old Part can be used up on other applications.
- (S3) Old and New Part is not interchangeable, either physically or functionally.

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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