



Subject: Transmittal of Revision 1 to Service Bulletin Number
V2500-ENG-73-0029

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	May 10/91
Revision 1	Dec.6/91

Reasons For Issuance Of Revision:

- (1) To change the compliance category, add marking information, correct the material information and correct the family tree.

Effect On Past Compliance:

- (1) The compliance category is upgraded from 7 to 6.

List Of Effective Pages:

	<u>Bulletin</u> <u>Page No.</u>	<u>Rev.</u> <u>No.</u>	<u>Effective</u> <u>Date</u>
R	1	1	Dec.6/91
	2	Basic	May 10/91
R	3 to 8	1	Dec.6/91

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Transmittal
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V2500 Propulsion System — Engine

SERVICE BULLETIN

ENGINE - FUEL AND CONTROL - PROVIDE A NEW DATA ENTRY PLUG KIT ASSEMBLY
AND FLANGE FC ATTACHING HARDWARE FOR THE ELECTRONIC ENGINE CONTROL (EEC)

MODEL APPLICATION

V2500-A1

BULLETIN INDEX INDICATOR

73-22-00

Compliance Category Code

R 6

Internal Reference No.

90VA108, 90VA108C

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ENGINE - FUEL AND CONTROL - PROVIDE A NEW DATA ENTRY PLUG KIT ASSEMBLY AND FLANGE FC ATTACHING HARDWARE FOR THE ELECTRONIC ENGINE CONTROL (EEC)

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines before Serial No.V0213.

B. Reason

(1) Condition

The design and manufacturing responsibility of the Data Entry Plug has been transferred.

(2) Background

A change in the responsibility permits a better coordination of the EEC activities which affect the Data Entry Plug (DEP).

(3) Objective

To provide a new Data Entry Plug Kit Assembly and new Flange FC attaching hardware.

(4) Substantiation

Not necessary.

(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.

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I. Weight and Balance

- (1) Weight change None
- (2) Moment arm No effect
- (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. Reference

- (1) V2500 Engine Illustrated Parts Catalog.

- R (2) V2500 Standard Practices Manual.

L. Other Publications Affected

- (1) The V2500 Engine Illustrated Parts Catalog, Chapter/Section 73-22-35, Figure 1, to add the new parts.
- (2) The V2500 Component Maintenance Manual, Chapter/Section 73-22-35, Cleaning, to add the new parts.
- (3) The V2500 Component Maintenance Manual, Chapter/Section 73-22-35, Inspection, to add the new parts.
- (4) The V2500 Component Maintenance Manual, Chapter/Section 73-22-35, Repair, to add the new parts.
- R (5) The V2500 Aircraft Maintenance Manual, Chapter/Section 73-22-35, Removal, to add the new parts.
- R (6) The V2500 Aircraft Maintenance Manual, Chapter/Section 73-22-35, Installation, to add the new parts.
- R (7) The V2500 Engine Manual, Chapter/Section 72-00-32, Removal-30, to add the new parts.
- R (8) The V2500 Engine Manual, Chapter/Section 72-00-32, Installation-30, to add the new parts.

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2. Accomplishment Instructions

A. Identification Instructions

- (1) Identify the 5A0431 Data Entry Plug (See Reference (1), Chapter/Section 73-22-35, Fig/Item No.01-100) to the new part number as follows:

Procedure

Supplementary Information

- (a) Mark out the old part number (5A0431). Use the vibration peen method.

Use the procedure given in Reference (2), Control No./TASK No.70-09-00-400-501

- (b) Mark the new part number (2A2309CL01) adjacent to the old part number. Use vibration peen method.

<u>Old Part Number</u>	<u>New Part Number</u>
5A0431	2A2309CL01

Use the procedure given in Reference (2), Control No./TASK No.70-09-00-400-501

- (2) Identify the 5A0432 Data Entry Plug (See Reference (1), Chapter/Section 73-22-35, Fig/Item No.01-100) to the new part number as follows:

Procedure

Supplementary Information

- (a) Mark out the old part number (5A0432). Use the vibration peen method.

Use the procedure given in Reference (2), Control No./TASK No.70-09-00-400-501

- (b) Mark the new part number (2A2309CL02) adjacent to the old part number. Use vibration peen method.

<u>Old Part Number</u>	<u>New Part Number</u>
5A0432	2A2309CL02

Use the procedure given in Reference (2), Control No./TASK No.70-09-00-400-501

B. Recording Instructions

- (1) 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:

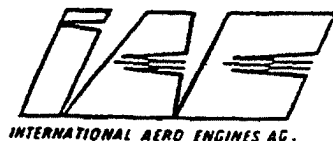
None.

B. Parts affected by this Bulletin:

New Part No. (ATA No.)	Qty.	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
R 2A2309 (73-22-35)	1	-	Kit Assembly, Data Entry Plug	5A0432 (01-100) or	(1D)(B)(F)
R ST1093-08 (73-22-35)	1	-	Collar, Pin, Rivet, Threaded	5A0431 HL94DU8 (01-110)	(B)(1D) (S1)(A)(B)
- (73-22-35)	1	-	Washer, Option Consisting of: Washer Washer	4W2622 (01-112) AS12944 MS9768-10	(B)
ST2147-02 (73-22-35)	1	-	Pin, Rivet Threaded	HL12V8-4 (01-114)	(S1)(A)(B)
R 2A2308 (73-22-35)	1	-	.Rubber, Anti-Vibration	5A9359 (01-125)	(S2)(A)(B)(C)
R 2A2303 (73-22-35)	1	-	.Backshell Assembly	5A9210 (01-130)	(S2)(A)(B)(C)
R 2A2315 (73-22-35)	1	-	.Jumper Assembly	5A9211 (01-145)	(S2)(B)
R 2A2304 (73-22-35)	10	-	.Jumper Assembly	5A9212 (01-155)	(S2)(A)(B)(C)
R 2A2305 (73-22-35)	8	-	.Jumper Assembly	5A9213 (01-165)	(S2)(A)(B)(C)
R 2A2306 (73-22-35)	6	-	.Jumper Assembly	5A9214 (01-175)	(S2)(A)(B)(C)
R MS27488-20 (73-22-35)	27	0.39	.Plug, End Seal	MS27488-20 (01-190)	(S2)(A)(C)(E)
R 2A2314 (73-22-35)	1	-	.Connector, Option Consisting of: Connector, Plug	5A9209 (01-200) -	(S2)(A)(B)(C)
2A2313 (73-22-35)			Connector, Plug	-	
R 2A2324 (73-22-35)	27	-	.Contact, Electrical	5A9288 (01-210)	(S2)(A)(B)(C)

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	New	Qty.	Est'd	Keyword	Old	Instructions
	Part No. (ATA No.)		Unit Price (\$)		Part No. (IPC No.)	
R	4W2627 (73-22-35) AS3214-02 AS44725-2	AR	0.05/FT	.Wire, Safety, Option Consisting of: Wire, Safety Wire, Locking	MS20995C20 (01-120)	(S2)(A)(B)(C)

C. Instruction/Disposition Code Statements:

- (S1) New parts coded (S1) must replace old parts coded (S1) as a COMPLETE SET per engine.
- (S2) Old and new parts are freely and fully interchangeable, both physically and functionally. Old parts, which were purchased before, can be mixed indiscriminately with the new parts.
- (1D) Old part number can be identify as the new part number.
- (A) New part is currently available for sale.
- (B) Old part will no longer be available for sale.
- (C) New part also supplied as a detail of the kit.
- (E) Old part will continue to be available for sale.
- (F) Kit available for June 1991.

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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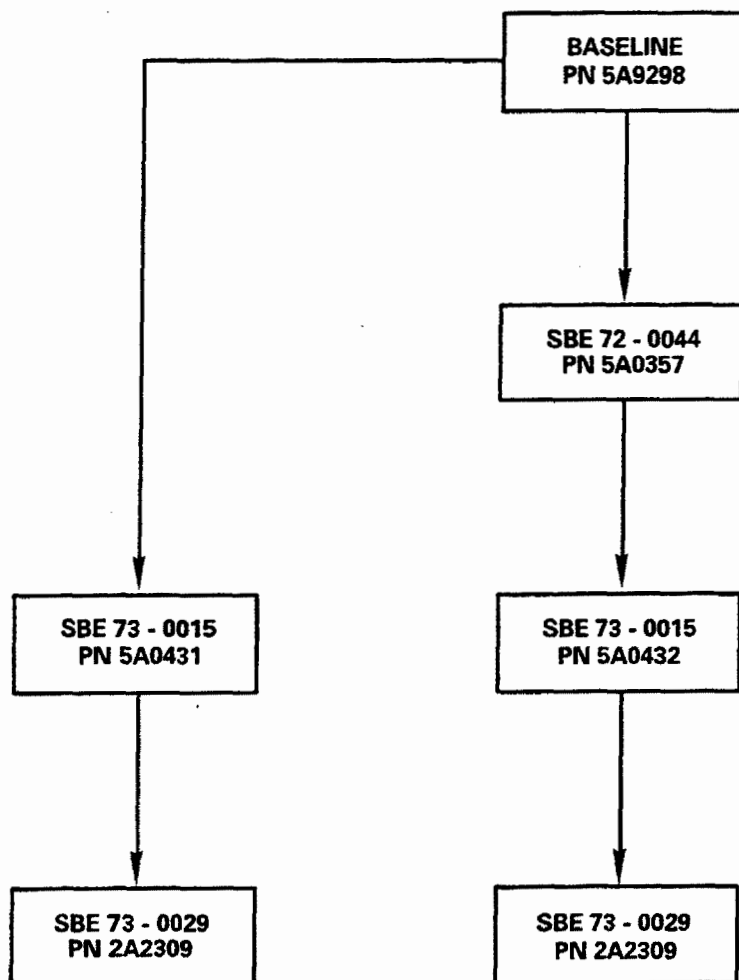
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Family Tree - Data Entry Plug Assembly
Figure 1

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