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## V2500-A1/A5/D5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin EV2500-70-0896 and the Initial Issue of the Supplement

### Bulletin Initial Issue

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### Supplement Initial Issue

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# V2500-ENG-70-0896

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LIST OF EFFECTIVE PAGES

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Printed in Great Britain

INFORMATION – ENGINE – PROVIDE A SALEABLE INSERT AND FITTING FOR THE REPAIR OF FUEL  
NOZZLE AND SUPPORT ASSEMBLIES (VRS3590)

1. Planning Information

A. Effectivity Data

(1) (For Airbus A319)

Engine Models Applicable

V2522-A5, V2524-A5, V2527M-A5

Engine Serial Nos. – Any engine as applicable

(2) (For Airbus A320)

Engine Models Applicable

V2500-A1

Engine Serial Nos. – Any engine as applicable

V2527-A5, V2527E-A5

Engine Serial Nos. – Any engine as applicable

(3) (For Airbus A321)

Engine Models Applicable

V2530-A5, V2533-A5

Engine Serial Nos. – Any engine as applicable

(4) (For Boeing MD-90)

Engine Models Applicable

V2525-D5, V2528-D5

Engine Serial Nos. – Any engine as applicable

B. Concurrent Requirements

There are no concurrent requirements.

**C. Reason**

To announce availability of newly released Repair Parts for Fuel Nozzle Support Assembly repair (reference VRS3590).

**(1) Effects of Bulletin on:**

Removal/Installation: Not applicable.

Disassembly/Assembly: Not applicable.

Cleaning: Not applicable.

Inspection/Check: Not applicable.

Repair: Not applicable.

Testing: Not applicable.

**(2) Supplemental Information**

None.

**D. Description**

A new Insert and Fitting are available for the repair VRS3590.

**E. Compliance**

Category 8

Accomplish based upon experience with the prior configuration.

**F. Approval Data**

The part number changes and/or part modifications specified in the Accomplishment Instructions and Material Information sections of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model(s) given.

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

**G. Manpower****(1) In Service**

Not Applicable.

(2) At Overhaul

Not Applicable.

#### H. Weight and Balance

(1) Weight Change

None.

(2) Moment Arm

No Effect.

(3) Datum

Engine Front Mount Centerline (Power Plant Station (PPS) 100)

#### I. Electrical Load Data

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

#### J. Software Accomplishment Summary

Not Applicable.

See Vendor Supplier Service Bulletin.

#### K. References

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 73-13-41.
2. Internal Reference No. - 98VC099B, 98VC099C.
3. ATA Locator - 73-13-41.

#### L. Other Publications Affected

1. V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-3IA, S-V2500-3IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, and S-V2500-7IB), Chapter/Section 73-13-41.
2. V2500 Engine Manuals (E-V2500-1IA and E-V2500-3IA), Chapter/Section 73-13-41 Cleaning, Inspection and Repair, to add the new part.

**M. Interchangeability of Parts**

Old and new parts are directly interchangeable.

**N. Information in the Appendix**

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (No)

Revision to Table of Limits (No)

Inspection Procedures (No)

**O. General Information**

The Material Information section of this Service Bulletin provides the latest information concerning the availability of the affected parts.

## 2. Material Information

### A. Industry Support Program

Not Applicable.

### B. The material data that follows is for each engine.

73-13-41

For V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5 Engines:

FIG- ITEM NUMBER	NEW PART NUMBER	QTY	PART TITLE	MAT	OLD PN	INSTR - DISP
01-102		1	...Insert, Fuel Nozzle Support	-	2A1373-08	(NP)
01-102	2A3897	1	...Insert, Fuel Nozzle Support	-		(3) (B) (I)
01-103		1	...Fitting, Fuel Nozzle Support	-	2A3456	(NP)
01-103		1	...Fitting, Fuel Nozzle Support	-	2A1373-10	(NP)
01-103	2A3456	1	...Fitting, Fuel Nozzle Support	-		(3) (B) (I)

### C. Instructions/Disposition Code Statements:

Parts Modification Conditions

(3) The new part is for repair only.

Spare Parts Availability

(B) The new part will be available approximately November 30, 2005.

(NP) The part is an item that is usually not procured as a spare item.

Cleaning, Inspection and Repair Information

(I) The cleaning, inspection and repair requirements are the same for the old and new part. The applicable engine manuals will be revised.

### D. Tooling - Price and Availability

Special tools are not required to accomplish this Service Bulletin.

### E. Reidentified Parts

Not Applicable.

F. Other Material Information Data

Not Applicable.

3. Accomplishment Instructions

(1) Not applicable.



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Supplement

V2500 ALL

1. Modification Kit

A. There is no kit provided to do this Service Bulletin.

2. Material Cost

NOTE: The prices shown are for estimating purposes only and as such are given in good faith without commercial liability for advanced planning purposes only. Refer to IAE Spares and/or current Price Catalog for current prices.

3. New Production Parts

New Production Part Number	Description	Unit Price US Dollars
2A3897	...Insert, Fuel Nozzle Support	250.00
2A3456	...Fitting, Fuel Nozzle Support	225.00