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V2500-A5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-1000.

Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 7 of the Service Bulletin.	Initial Issue.
	Pages 1 and 2 of the Supplement.	Initial Issue.

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POWER PLANT – ELECTRICAL HARNESS – ADDITIONAL ALTERNATIVE CONNECTORS FOR THE ENGINE
ELECTRONIC CONTROLLER (EEC) FAN CASE HARNESS

1. Planning Information

A. Effectivity

(1) Airbus A319

- (a) V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No. V13191 (A5 Standard and A5 SelectOne™ Retrofit Standard).

V2522-A5, V2524-A5, V2527M-A5 Engines prior to Serial No. V16064 (A5 SelectOne™ Production Standard).

(2) Airbus A320

- (a) V2527-A5, V2527E-A5 Engines prior to Serial No. V13191 (A5 Standard and A5 SelectOne™ Retrofit Standard).

V2527-A5, V2527E-A5 Engines prior to Serial No. V16064 (A5 SelectOne™ Production Standard).

(3) Airbus A321

- (a) V2530-A5, V2533-A5 Engines prior to Serial No. V13191 (A5 Standard and A5 SelectOne™ Retrofit Standard).

V2530-A5, V2533-A5 Engines prior to Serial No. V16064 (A5 SelectOne™ Production Standard).

B. Concurrent Requirements

None.

C. Reason

To introduce additional alternative electrical connectors for the Engine Electronic Controller (EEC) fan case harness assembly, P/N 6A8281 to mitigate supply shortage of the current connectors.

D. Compliance

Category Code 8

Accomplish based upon experience with the prior configuration.

E. Approval

The part number changes and/or part modifications described in paragraph 2.C. of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model(s) listed.

F. General Information

This General Information Bulletin introduces alternative sub-level parts to the existing harness assembly, P/N 6A8281 only. The new alternative connectors are manufactured to the same specification as the current connectors. The parts are fully interchangeable and can be mixed.

G. References

- (1) Internal Reference No.

Engineering Change No. 11VR006.

- (2) ATA Locator - 71-51-41.

H. Other Publications Affected

- (1) The V2500-A5 Engine Illustrated Parts Catalogues (S-V2500-2IA, S-V2500-2IB, S-V2500-2SA, S-V2500-2SB, S-V2500-2NA, S-V2500-2NB, S-V2500-5IA, S-V2500-5IB, S-V2500-5SA, S-V2500-5SB, S-V2500-5NA, S-V2500-5NB, S-V2500-6IA, S-V2500-6IB, S-V2500-6SA, S-V2500-6SB, S-V2500-6NA, S-V2500-6NB, S-V2500-7IA, S-V2500-7IB, S-V2500-7SA, S-V2500-7SB, S-V2500-7NA and S-V2500-7NB), Chapter 71-51-41 will be revised to include the new alternative parts. Refer to Section 2. "Material Information".

I. Interchangeability of Parts

Not affected.

2. Material Information

A. The kit required consists of the following parts:

None.

B. Parts to be reworked:

None.

C. New production parts:

Applicability: For all V2500-A5 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
71-51-41						
01-005	6A8281	1	.Engine Electronic Controller (EEC) fan case harness assembly	-	6A8281	(S1)
04-010	T3K1221 -41PA or MT938T21 K41PA or 8D521 K41PA or D38999- 26KG41PA	1 Ref Ref Ref	..Electrical connector	- - - -	T3K1221 -41PA or MT938T21 K41PA	(S1) (S1)(A) (S1)(A) (S1)(A)
04-030	T3K1221 -39SD or MT938T21 K39SD or 8D521 K39SD or D38999- 26KG39SD	1 Ref Ref Ref	..Electrical connector	- - - -	T3K1221 -39SD or MT938T21 K39SD	(S1) (S1)(A) (S1)(A) (S1)(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04-050	T3K1221 -41SN	1	..Electrical connector	-	T3K1221 -41SN	(S1)
	or MT938T21 K41S	Ref		-	or MT938T21 K41S	(S1)(A)
	or 8D521 K41SN	Ref		-		(S1)(A)
	or D38999- 26KG41SN	Ref		-		(S1)(A)
04-070	T3K1221 -41SB	1	..Elcetrical connector	-	T3K1221 -41SB	(S1)
	or MT938T21 K41SB	Ref		-	or MT938T21 K41SB	(S1)(A)
	or 8D521 K41SB	Ref		-		(S1)(A)
	or D38999- 26KG41SB	Ref		-		(S1)(A)
04-090	T3K1221 -41PE	1	..Electrical connector	-	T3K1221 -41PE	(S1)
	or MT938T21 K41PE	Ref		-	or MT938T21 K41PE	(S1)(A)
	or 8D521 K41PE	Ref		-		(S1)(A)
	or D38999- 26KG41PE	Ref		-		(S1)(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04-110	T3K1221 -39SE	1	..Electrical connector	-	T3K1221 -39SE	(S1)
	or MT938T21 K39SE	Ref		-	or MT938T21 K39SE	(S1)(A)
	or 8D521 K39SE	Ref		-		(S1)(A)
	or D38999- 26KG39SE	Ref		-		(S1)(A)
04-130	T3K1221 -41SA	1	..Electrical connector	-	T3K1221 -41SA	(S1)
	or MT938T21 K41SA	Ref		-	or MT938T21 K41SA	(S1)(A)
	or 8D521 K41SA	Ref		-		(S1)(A)
	or D38999- 26KG41SA	Ref		-		(S1)(A)
04-150	T3K1221 -41SC	1	..Electrical connector	-	T3K1221 -41SC	(S1)
	or MT938T21 K41SC	Ref		-	or MT938T21 K41SC	(S1)(A)
	or 8D521 K41SC	Ref		-		(S1)(A)
	or D38999- 26KG41SC	Ref		-		(S1)(A)
04-210	T3K1215 -19SN	1	..Electrical connector	-	T3K1215 -19SN	(S1)
	or MT938T15 K19S	Ref		-	or MT938T15 K19S	(S1)(A)
	or 8D515 K19SN	Ref		-		(S1)(A)
	or D38999- 26KD19SN	Ref		-		(S1)(A)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04-350	T3K1217 -26SN	1	..Electrical connector	-	T3K1217 -26SN	(S1)
	or MT938T17 K26S	Ref		-	or MT938T17 K26S	(S1)(A)
	or 8D517 K26SN	Ref		-		(S1)(A)
	or D38999- 26KE26SN	Ref		-		(S1)(A)
04-430	T3K1215 -19SN	1	..Electrical connector	-	T3K1215 -19SN	(S1)
	or MT938T15 K19S	Ref			or MT938T15 K19S	(S1)(A)
	or 8D515 K19SN	Ref		-		(S1)(A)
	or D38999- 26KD19SN	Ref		-		(S1)(A)
04-450	T3K1215 -19SA	1	..Electrical connector	-	T3K1215 -19SA	(S1)
	or MT938T15 K19SA	Ref		-	or MT938T15 K19SA	(S1)(A)
	or 8D515 K19SA	Ref		-		(S1)(A)
	or D38999- 26KD19SA	Ref		-		(S1)(A)

D. Instruction disposition codes:

(S1) Old and new parts are fully interchangeable.

(A) Alternative part at the same ATA Chapter/Fig/Item No. position.

3. Accomplishment Instructions

None.

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SUPPLEMENT – PRICES AND AVAILABILITY

The prices (if 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 catalogue for current prices.

1. Modification Kit:

Not applicable.

2. New Production Parts:

Part No.	Description	Unit Price US Dollars
8D521 K41PA	Electrical connector	P.O.A.
D38999– 26KG41PA	Electrical connector	P.O.A.
8D521 K39SD	Electrical connector	P.O.A.
D38999– 26KG39SD	Electrical connector	P.O.A.
8D521 K41SN	Electrical connector	P.O.A.
D38999– 26KG41SN	Electrical connector	P.O.A.
8D521 K41SB	Electrical connector	P.O.A.
D38999– 26KG41SB	Electrical connector	P.O.A.
8D521 K41PE	Electrical connector	P.O.A.
D38999– 26KG41PE	Electrical connector	P.O.A.
8D521 K39SE	Electrical connector	P.O.A.

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Part No.	Description	Unit Price US Dollars
D38999- 26KG39SE	Electrical connector	P.O.A.
8D521 K41SA	Electrical connector	P.O.A.
D38999- 26KG41SA	Electrical connector	P.O.A.
8D521 K41SC	Electrical connector	P.O.A.
D38999- 26KG41SC	Electrical connector	P.O.A.
8D515 K19SN	Electrical connector	P.O.A.
D38999- 26KD19SN	Electrical connector	P.O.A.
8D517 K26SN	Electrical connector	P.O.A.
D38999- 26KE26SN	Electrical connector	P.O.A.
8D515 K19SN	Electrical connector	P.O.A.
D38999- 26KD19SN	Electrical connector	P.O.A.
8D515 K19SA	Electrical connector	P.O.A.
D38999- 26KD19SA	Electrical connector	P.O.A.

P.O.A. – Price on application.

Parts are currently available.

3. Tools

None.



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- Quality rating of the Illustration	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
- Is this Service Bulletin easy to understand ?	☐ Yes		☐ No		

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