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

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-0990.

Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 5 of the Service Bulletin.	Initial Issue.
	Pages 1 to 2 of the Supplement.	Initial Issue.

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CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED
If any have not been received please advise IAE International Aero Engines AG

ENGINE – INFORMATION – ALTERNATIVE WELDING RINGS, SEALING RINGS AND TUBE UNION**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. V15625 (A5 SelectOne™ Production Standard).

(2) Airbus A320

- (a) V2500-A1 Engines prior to Serial No. V0362.

- (b) 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. V15625 (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. V15625 (A5 SelectOne™ Production Standard).

(4) Boeing MD-90

- (a) V2525-D5, V2528-D5 Engines prior to Serial No. V20286.

B. Concurrent Requirements

None.

C. Reason

Standard parts at various locations have been identified to be rarely purchased, single line sourced, superseded or obsolete. These parts may become unavailable and lead to shortages in spares or parts supply for production.

The parts have been summarised in the engineering specification JES317, with alternative part numbers listed to prevent potential supply problems.

The alternative parts listed in JES317 need to be introduced into the V2500 Master Parts List (MPL).

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 sections 2 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Models listed.

F. General Information

(1) This General Information Bulletin introduces alternative standard parts as specified by engineering specification JES317.

(2) Publications affected:

(a) The V2500-A1/A5/D5 Engine Illustrated Parts Catalogues (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, V2500-2SA, V2500-2SB, S-V2500-3IA, S-V2500-3IB, S-V2500-3IC, S-V2500-5IA, S-V2500-5IB, S-V2500-5SA, S-V2500-5SB, S-V2500-6IA, V2500-6IB, S-V2500-6SA, S-V2500-6SB, S-V2500-7IA, S-V2500-7IB, S-V2500-7SA and V2500-7SB) will be revised to include the new parts. Refer to Section 2. "Material Information" for ATA locations.

G. References

(1) Internal Reference No.:

Engineering Change No. 10VR003.

(2) ATA Locator - 70-35-24, 73-12-41 and 79-35-16.

2. Material Information

A. Parts affected by this Service Bulletin:

Applicability: For all V2500-A1/A5/D5 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
70-35-24						
01-305	AS52820 or AS52821	REF	.Welding ring	-	JR17171	(A)(B) (S1)
01-310	AS52822 or AS52823	REF	.Welding ring	-	JR17172	(A)(B) (S1)
01-320	AS52826 or AS52827	REF	.Welding ring	-	JR17174	(A)(B) (S1)
01-325	AS52828 or AS52829	REF	.Ring tee .Welding ring	-	JR17175	(A)(B) (S1)
01-340	AS52836 or AS52837	REF	.Welding ring	-	JR17183	(A)(B) (S1)
01-350	AS52838 or AS52839	REF	.Welding ring	-	JR17185	(A)(B) (S1)

73-12-41

01-145	AS3209 -216	REF	.Preformed packing	-	M83248 -1-216	(A)(B) (S1)
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Applicability: For all V2500-D5 Engines

79-35-16

01-109	MS21902 -04S	REF	.Union	-	MS21902 -4R	(A)(B) (S1)
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B. Instruction disposition codes:

- (A) New part is currently available.
- (B) Alternative part.
- (S1) Old and new parts are fully interchangeable.

3. Accomplishment Instructions

None.

ENGINE – INFORMATION – ALTERNATIVE WELDING RINGS, SEALING RINGS AND TUBE UNIONSUPPLEMENT – 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
AS52820	.Welding ring	116.28
AS52821	.Welding ring	116.28
AS52822	.Welding ring	110.28
AS52823	.Welding ring	110.28
AS52826	.Welding ring	108.80
AS52827	.Welding ring	108.80
AS52828	.Ring tee	112.45
AS52829	.Welding ring	112.45
AS52836	.Welding ring	143.78
AS52837	.Welding ring	133.05
AS52838	.Welding ring	127.48
AS52839	.Welding ring	127.48
AS3209-216	.Preformed packing	3.81
MS21902-04S	.Union	59.83

Parts are currently available.

3. Tools

None.