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**V2500-A5/D5 PROPULSION SYSTEMS SERVICE BULLETIN**

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This document transmits the Initial Issue of Service Bulletin EV2500-70-0800

Bulletin Initial Issue

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Service Bulletin

Reason for change  
Initial issue

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LIST OF EFFECTIVE PAGES

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INFORMATION – ANNOUNCEMENT OF PARTS FOR REPAIR OF HP COMPRESSOR VIGV, STAGE 3, STAGE 4 AND STAGE 5 VARIABLE VANE ACTUATING RING ASSEMBLIES BY REPLACEMENT OF BUSHES AND LOOSE FITTINGS

1. Planning Information

A. Effectivity

- (1) Airbus A319  
V2522-A5, V2524-A5, V2527M-A5 Engines
- (2) Airbus A320  
V2527-A5, V2527E-A5 Engines
- (3) Airbus A321  
V2530-A5, V2533-A5 Engines
- (4) Boeing – Longbeach Division MD-90  
V2525-D5, V2528-D5 Engines
- (5) ATA Location  
72-41-34

B. Reason

To announce the availability of newly released repair parts.

C. Compliance

For Information Only.

D. Approval

The part number transactions shown in section 2. Material Information of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved for the engine models listed.

E. References

- (1) IAE Engineering Change Numbers 90VR753A, 92VR739A, 92VR750A and 92VR751A.

F. Other Publications Affected

- (1) Illustrated Parts Catalog (IPC), 2IA, 2IB, 3IA, 3IB, 5IA, 5IB, 6IA, 6IB, 7IA, 7IB, 72-41-34 will be revised.



- (2) Engine Manual, 72-41-34, Repair, VRS6246, VRS6247, VRS6248, VRS6265.

G. General Information

- (1) The Material Information section of this Service Bulletin provides the latest information concerning the availability of the affected parts.
- (2) New repair schemes being introduced into the V2500 Engine Manual which require special spare parts for their accomplishment.

ATA Ref.No.	Repair Scheme	Title
72-41-34	VRS6265	HP Compressor VIGV Variable Vane Actuating Ring Assembly – Repair by replacement of bushes and loose fittings.
72-41-34	VRS6248	HP Compressor Stage 3 Variable Vane Actuating Ring Assembly – Repair by replacement of bushes and loose fittings.
72-41-34	VRS6247	HP Compressor Stage 4 Variable Vane Actuating Ring Assembly – Repair by replacement of bushes and loose fittings.
72-41-34	VRS6246	HP Compressor Stage 5 Variable Vane Actuating Ring Assembly – Repair by replacement of bushes and loose fittings.

(For special repair parts required, refer to Section 2. Material Information).



## 2. Material Information

### A. Prices:

PART NO.	UNIT PRICE
	US DOLLARS
UP11069	22.80
6A2860	172.00
6A2861	721.00
6A2863	580.00
6A2869	405.00
6A3660	518.00
6A3662	531.00
6A3678	207.00
6A2877	916.00
6A2873	766.00
UP10815	27.80
6A2881	175.00
6A2883	292.00
6A3685	225.00
6A2889	315.00
6A2891	315.00
6A2895	315.00
6A3681	456.00

NOTE: The unit prices, if shown, are an estimate and they are given for the purpose of planning only. For actual prices, refer to the IAE Price Catalogue or contact IAE's spare parts sales department.

### B. ALL Models

- (1) The following special repair parts are required to accomplish repair VRS6265:

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02460	UP11069	32	..Bush	-	-	(A)(E)
02462	6A2860	4	..Spacer	-	-	(A)(E)
02470	6A2861	1	..Bracket Assembly - IGV Act. Ring	-	-	(A)
02490	6A2863	1	..Bracket Assembly - IGV Act. Ring	-	-	(A)
02560	UP11069	32	..Bush	-	-	(A)(E)
02562	6A2860	4	..Spacer	-	-	(A)(E)
02570	6A2863	1	..Bracket Assembly - IGV Act. Ring	-	-	(A)



FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02590	6A2861	1	..Bracket Assembly - IGV Act. Ring	-	-	(A)

- (2) The following special repair parts are required to accomplish repair VRS6248:

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
03460	UP11069	24	..Bush	-	-	(B)(E)
03470	6A2869	2	..Bracket Assembly - Stage 3 Act. Ring	-	-	(B)(E)
03480	6A3660	1	..Bracket Assembly - Stage 3 Conn.	-	-	(B)
03490	6A3662	1	..Bracket Assembly - Stage 3 Conn.	-	-	(B)
03520	6A3678	1	..Bracket Assembly - Stage 3 Rig Pin	-	-	(B)
03560	UP11069	24	..Bush	-	-	(B)(E)
03570	6A2869	2	..Bracket Assembly - Stage 3 Act. Ring	-	-	(B)(E)
03580	6A2877	1	..Bracket Assembly	-	-	(B)
03590	6A2873	1	..Bracket Assembly	-	-	(B)

- (3) The following special repair parts are required to accomplish repair VRS6247:

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04460	UP10815	42	..Bush	-	-	(C)(E)
04470	6A2881	2	..Bracket Assembly - Stage 4 Act. Ring	-	-	(C)(E)
04490	6A2883	2	..Bracket Assembly - Stage 4 Act. Ring	-	-	(C)(E)
04560	UP10815	42	..Bush	-	-	(C)(E)
04570	6A2881	3	..Bracket Assembly - Stage 4 Act. Ring	-	-	(C)
04580	6A3685	1	..Bracket assembly - Stage 4 Lower	-	-	(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
04590	6A2883	2	..Bracket Assembly - Stage - 4 Act. Ring	-	-	(C)(E)

- (4) The following special repair parts are required to accomplish repair VRS6246:

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
05460	UP10815	52	..Bush	-	-	(D)(E)
05470	6A2889	2	..Bracket Assembly - Stage - 5	-	-	(D)(E)
05490	6A2891	2	..Bracket Assembly - Stage - 5 Act. Ring	-	-	(D)(E)
05560	UP10815	52	..Bush	-	-	(D)(E)
05570	6A2889	1	..Bracket Assembly - Stage - 5	-	-	(D)
05580	6A2895	1	..Bracket Assembly	-	-	(D)
05590	6A2891	2	..Bracket Assembly - Stage - 5 Act. Ring	-	-	(D)(E)
05620	6A3681	1	..Bracket Assembly - Stage - 5	-	-	(D)

### C. Instructions disposition codes:

- (A) New part is currently available for repair of HP Compressor VIGV Variable Vane Actuating Ring Assembly.
- (B) New part is currently available for repair of HP Compressor Stage 3 Variable Vane Actuating Ring Assembly.
- (C) New part is currently available for repair of HP Compressor Stage 4 Variable Vane Actuating Ring Assembly.
- (D) New part is currently available for repair of HP Compressor Stage 5 Variable Vane Actuating Ring Assembly.
- (E) Part quantity is a maximum, select As Required.

### 3. Accomplishment Instructions

None.

