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V2500-A1/A5 PROPULSION SYSTEMS SERVICE BULLETIN

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This document transmits Revision 1 to Service Bulletin EV2500-70-0079

Document History

Service Bulletin Revision Status
Initial Issue Jan.28/91

Supplement Revision Status

Bulletin Revision 1

Remove
All pages of the
Service Bulletin

Incorporate
Pages 1 to 10 of the
Service Bulletin

Reason for change
To revise the effectivity.
Editorial changes and
format to latest standards.

V2500-ENG-70-0079

Transmittal - Page 1 of 2

CHECK THAT ALL PREVIOUS TRANSMITTALS HAVE BEEN INCORPORATED

If any have not been received please advise Publication Services, Rolls-Royce plc, Derby, England

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LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 1 are as follows:

<u>Page</u>		<u>Revision Number</u>	<u>Revision Date</u>
	Bulletin		
R	1	1	Jun.7/05
R	2	1	Jun.7/05
R	3	1	Jun.7/05
R	4	1	Jun.7/05
R	5	1	Jun.7/05
R	6	1	Jun.7/05
R	7	1	Jun.7/05
R	8	1	Jun.7/05
R	9	1	Jun.7/05
R	10	1	Jun.7/05

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STANDARD PRACTICES – ENGINE – INFORMATION – TO ANNOUNCE THE AVAILABILITY OF VARIOUS
REPAIR PARTS FOR MAIN GEARBOX – CATEGORY CODE 8 – MOD.ENG-70-0079

1. Planning Information

A. Effectivity

- R (1) Airbus A319
R V2522-A5, V2524-A5, V2527M-A5 Engines.
R (2) Airbus A320
R V2500-A1 Engines.
R V2527-A5, V2527E-A5 Engines.
R (3) Airbus A321
R V2530-A5, V2533-A5 Engines.

B. Reason

To provide new detail parts (repair only parts) to restore various main gearbox parts.

C. Compliance

- R Category 8
R Based on experience with the prior configuration.

D. Approval

- R The part number transactions shown in section 2. Material Information of this
R Service Bulletin have been shown to comply with the applicable Federal Aviation
R Regulations and are FAA APPROVED for the engine models listed.
R IAE sanctions the release of the remainder of data shown in this bulletin which
have been duly approved by the IAE Authorization Document Numbers that appear
R under paragraph E.(2) of this Bulletin

E. References

- R (1) Internal Reference Nos. – EC89VF022, EC89VF022A, EC89VF022-02, EC89VF050,
EC89VF050A, EC89VF050-01, EC03VF001.
(2) IAE Authorization Documents numbers:
89VF822 dated Nov.21/89 (VRS5072, VRS5073, VRS5074, VRS5075)



89VF823 dated Nov.15/89 (VRS5062, VRS5063, VRS5064, VRS5065, VRS5066)

89VF824 dated Nov.21/89 (VRS5026, VRS5028, VRS5030, VRS5031)

89VF825 dated Jan.17/91 (VRS5086, VRS5087)

89VF826 dated Jan.22/90 (VRS5038, VRS5040, VRS5041)

89VF827 dated Jan.22/90 (VRS5051, VRS5052, VRS5053, VRS5054)

89VF831 dated Feb.11/91 (VRS5258, VRS5259, VRS5260, VRS5261, VRS5268, VRS5276)

89VF834 dated Feb.18/91 (VRS5091, VRS5093, VRS5094, VRS5096)

(3) The V2500 Engine Illustrated Parts Catalog.

(4) The V2500 Engine Manual.

R (5) ATA Locator - 72-60-00.

F. Other Publications Affected

(1) The V2500 Engine Illustrated Parts Catalog Chapter/Section 72-60-21 Figure 01, 72-60-22 Figure 01, 72-60-23 Figure 01, 72-60-24 Figure 01, 72-60-25 Figure 01, 72-60-28 Figure 01, 72-60-29 Figure 01 and 72-60-42 Figure 01 will be revised to show the parts being introduced by this Service Bulletin.

(2) The following V2500 Engine Manual Chapter/Sections will show the parts being introduced by this Service Bulletin.

R (a) 72-60-21, Repair 025 (VRS5258), Repair 024 (VRS5259), Repair 022
R (VRS5260), Repair 023 (VRS5261), Repair 033 (VRS5268), Repair 037
(VRS5276).

(b) 72-60-22, Repair 006 (VRS5026), Repair 008 (VRS5028), Repair 010
(VRS5030), Repair 011 (VRS5031).

(c) 72-60-23, Repair 005 (VRS5038), Repair 007 (VRS5040), Repair 008
(VRS5041).

(d) 72-60-24, Repair 003 (VRS5072), Repair 004 (VRS5073), Repair 005
(VRS5074), Repair 006 (VRS5075).

(e) 72-60-25, Repair 006 (VRS5051), Repair 007 (VRS5052), Repair 008
(VRS5053), Repair 009 (VRS5054).

R (f) 72-60-28, Repair 011 (VRS5062), Repair 014 (VRS5063), Repair 009
R (VRS5064), Repair 010 (VRS5065), Repair 012 (VRS5066).

(g) 72-60-29, Repair 011 (VRS5086), Repair 012 (VRS5087).

R (h) 72-60-42, Repair 007 (VRS5091), Repair 009 (VRS5093), Repair 010
R (VRS5094), Repair 012 (VRS5096).

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2. Material Information

A. Affected Parts

For each V2500 Engine to incorporate this Bulletin

72-60-22

(1) The following Special Repair Parts are required to accomplish Repair No.VRS5026

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-302	4L0008	1	..Bushing	-	-	(A)

(2) The following Special Repair Parts are required to accomplish Repair No.VRS5028

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-304	4L0010	1	..Bushing	-	-	(A)

(3) The following Special Repair Parts are required to accomplish Repair No.VRS5030

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-301	4L0006	1	..Bushing	-	-	(A)

(4) The following Special Repair Parts are required to accomplish Repair No.VRS5031

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-303	4L0009	1	..Bushing	-	-	(A)

72-60-23

(5) The following Special Repair Parts are required to accomplish Repair No.VRS5038

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-462	4L0011	1	..Bushing	-	-	(A)

(6) The following Special Repair Parts are required to accomplish Repair No.VRS5040

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-463	4L0012	1	..Bushing	-	-	(A)

(7) The following Special Repair Parts are required to accomplish Repair No.VRS5041

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-461	4L0006	1	..Bushing	-	-	(A)

72-60-25

(8) The following Special Repair Parts are required to accomplish Repair No.VRS5051

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-214	4L0008	1	..Bushing	-	-	(A)

(9) The following Special Repair Parts are required to accomplish Repair No.VRS5052

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-211	4L0005	1	..Bushing	-	-	(A)

(10) The following Special Repair Parts are required to accomplish Repair No.VRS5053

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-212	4L0006	1	..Bushing	-	-	(A)

(11) The following Special Repair Parts are required to accomplish Repair No.VRS5054

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-213	4L0007	1	..Bushing	-	-	(A)

72-60-28

(12) The following Special Repair Parts are required to accomplish Repair No.VRS5062

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-455	4L0016	1	..Bushing	-	-	(A)

(13) The following Special Repair Parts are required to accomplish Repair No.VRS5063

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-454	4L0015	1	..Bushing	-	-	(A)

(14) The following Special Repair Parts are required to accomplish Repair No.VRS5064

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-453	4L0014	1	..Bushing	-	-	(A)

(15) The following Special Repair Parts are required to accomplish Repair No.VRS5065

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-452	4L0013	1	..Bushing	-	-	(A)

(16) The following Special Repair Parts are required to accomplish Repair No.VRS5066

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-451	4L0001	1	..Bushing	-	-	(A)

72-60-24

(17) The following Special Repair Parts are required to accomplish Repair No.VRS5072

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-182	4L0089	1	..Bushing	-	-	(A)

(18) The following Special Repair Parts are required to accomplish Repair No.VRS5073

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-184	4L0004	1	..Bushing	-	-	(A)

(19) The following Special Repair Parts are required to accomplish Repair No.VRS5074

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-183	4L0003	1	..Bushing	-	-	(A)

(20) The following Special Repair Parts are required to accomplish Repair No.VRS5075

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-181	4L0001	1	..Bushing	-	-	(A)

72-60-29

(21) The following Special Repair Parts are required to accomplish Repair No.VRS5086

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-391	4L0018	1	..Bushing	-	-	(A)

(22) The following Special Repair Parts are required to accomplish Repair No.VRS5087

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-392	4L0019	1	..Bushing	-	-	(A)

72-60-42

(23) The following Special Repair Parts are required to accomplish Repair No.VRS5091

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-233	4L0033	1	..Bushing	-	-	(A)

(24) The following Special Repair Parts are required to accomplish Repair No.VRS5093

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-234	4L0034	1	..Bushing	-	-	(A)

(25) The following Special Repair Parts are required to accomplish Repair No.VRS5094

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-235	4L0035	1	..Bushing	-	-	(A)

(26) The following Special Repair Parts are required to accomplish Repair No.VRS5096

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-236	4L0032	1	..Bushing	-	-	(A)

72-60-21

(27) The following Special Repair Parts are required to accomplish Repair No.VRS5258

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-051	4L0020	1	..Bushing	-	-	(A)

(28) The following Special Repair Parts are required to accomplish Repair No.VRS5259

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-052	4L0021	1	..Bushing	-	-	(A)

(29) The following Special Repair Parts are required to accomplish Repair No.VRS5260

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-053	4L0022	1	..Bushing	-	-	(A)

(30) The following Special Repair Parts are required to accomplish Repair No.VRS5261

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
R 02-054	4L0023	1	..Bushing	-	-	(A)

(31) The following Special Repair Parts are required to accomplish Repair No.VRS5268

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-055	4L0007	1	..Bushing	-	-	(A)

(32) The following Special Repair Parts are required to accomplish Repair No.VRS5276

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
02-056	4L0030	1	..Bushing	-	-	(A)

B. Instructions disposition codes:

R (A) New part is currently available.

R 3. Accomplishment Instructions

R None.