



400 MAIN STREET, MAIL STOP 121-10
EAST HARTFORD, CT 06108, USA.
TELEPHONE:- 860 565 5515
FAX:- 860 565 0600

DATE: Dec. 8/04

P.O. BOX 31, DERBY
TELEGRAMS - 'ROYCAR' DERBY
TELEX - 37645
TELEPHONE:- 44 (0) 1332 242424
FAX:- 44 (0) 1332 249936

V2500 A1/A5/D5 SERIES PROPULSION SYSTEM SERVICE BULLETIN

Printed in Great Britain

This document transmits Revision 2 to Service Bulletin EV2500-70-0536 and Revision 1 to the Supplement

Document History

Service Bulletin Revision Status
Initial Issue Oct.31/97
Revision 1 Oct.31/97

Supplement Revision Status
Initial Issue Oct.31/97

Bulletin Revision 2

Remove	Incorporate	Reason for change
All pages of the	Pages 1 to 11 of the	To correct the ATA location
Service Bulletin	Service Bulletin	of the spacers

Supplement Revision 1

Remove	Incorporate	Reason for change
All pages	Page 1	To correct the ATA location
		of the spacers

V2500-ENG-70-0536

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
© Rolls-Royce plc (date as above) Printed in Great Britain

LIST OF EFFECTIVE PAGES

The effective pages to this Service Bulletin following incorporation of Revision 2 to the Bulletin and Revision 1 to the Supplement are as follows:

<u>Page</u>	<u>Revision Number</u>	<u>Revision Date</u>
Bulletin		
R 1	2	Dec.8/04
R 2	2	Dec.8/04
R 3	2	Dec.8/04
R 4	2	Dec.8/04
R 5	2	Dec.8/04
R 6	2	Dec.8/04
R 7	2	Dec.8/04
R 8	2	Dec.8/04
R 9	2	Dec.8/04
R 10	2	Dec.8/04
R 11	2	Dec.8/04
Supplement		
R 1	1	Dec.8/04

Printed in Great Britain

INFORMATION-ANNOUNCEMENT OF ALTERNATIVE SPACERS1. Planning InformationA. Effectivity

(1) Aircraft

Airbus A319

Airbus A320

Airbus A321

Boeing MD-90

(2) Engines

V2522-A5 Engines prior to Serial No. V10273

V2524-A5 Engines prior to Serial No. V10273

V2527-A5 Engines prior to Serial No. V10273

V2533-A5 Engines prior to Serial No. V10273

V2525-D5 Engines prior to Serial No. V20156

V2528-D5 Engines prior to Serial No. V20156

(3) Nacelle

V2500-D5 Nacelles prior to Serial No. 20156

B. Concurrent Requirements

None.

C. Reason

(1) To announce the introduction of alternative aluminium spacers

(2) Evidence

N/A

(3) Substantiation

N/A

(4) Objective

N/A

(5) Effect of Bulletin on:

(a) Operation

Not affected

(b) Overhaul

Not affected

(c) Repair Schemes

Not affected

(d) Interchangeability

Not affected

(e) Fits and Clearances

Not affected

D. Description

(1) Introduction of alternative aluminium spacers

E. Compliance

Category Code 7

Accomplish when supply of superseded parts have been depleted

F. Approval

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.

G. Manpower

(1) In service

Not affected

(2) At overhaul

Not affected

NOTE: The parts affected by this Service Bulletin are accessible at overhaul.

H. Material Price and Availability

Modification kit not required; parts supplied as single line items.

For prices and availability of future spares see supplement to this bulletin.

I. Tooling Price and Availability

Special tools are not required.

J. Industry Support Information

Not applicable.

K. Weight and Balance

(1) Weight Change

None.

(2) Moment Arm

No effect.

(3) Datum

Engine Front Mount Centreline (Power Plant Station PPS 100).

L. Electrical Load Data

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

M. Software Accomplishment Summary

Not applicable.

N. References

(1) Internal Reference No. EC96VR022

O. Other Publications Affected

(1) Illustrated Parts Catalogue (IPC) will be revised.

Apr. 18/97

R Dec. 8/04

V2500-ENG-70-0536

Page 3

© Rolls-Royce plc

Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

P. Interchangeability of Parts

Not affected

V2500-ENG-70-0536

Page 4

2. Material Information

A. Parts affected by this Bulletin:

A5 Model

71-51-41

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-055	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-187	UP10481	1	off Spacer (20 mm)	—	(A) (F)
01-539	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-563	UP10478	1	off Spacer (5 mm)	—	(A) (B)
01-795	UP10480	1	off Spacer (15 mm)	—	(A) (E)
01-796	UP10478	1	off Spacer (5 mm)	—	(A) (B)
02-092	UP10481	1	off Spacer (20 mm)	—	(A) (F)
02-132	UP10478	1	off Spacer (5 mm)	—	(A) (B)
02-282	UP10479	1	off Spacer (10 mm)	—	(A) (C)
02-338	UP10478	1	off Spacer (5 mm)	—	(A) (B)
02-458	UP10481	1	off Spacer (20 mm)	—	(A) (F)
07-030	UP10478	1	off Spacer (5 mm)	—	(A) (B)

A5 Model

71-51-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-122	UP10480	1	off Spacer (15 mm)	—	(A) (E)

A5 Model

71-52-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-211	UP10480	1	off Spacer (15 mm)	—	(A) (E)
01-315	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-323	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-459	UP10479	1	off Spacer (10 mm)	—	(A) (C)

A5 Model

71-52-45

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-075	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-076	UP10478	1	off Spacer (5 mm)	—	(A) (B)
01-123	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-131	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-219	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-227	UP10480	1	off Spacer (15 mm)	—	(A) (E)

A5 Model

71-73-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-538	UP10479	1	off Spacer (10 mm)	—	(A) (C)

A5 Model

73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
08-130	UP10480	1	off Spacer (15 mm)	—	(A) (E)
10-554	UP10480	1	off Spacer (15 mm)	—	(A) (E)
20-130	UP10480	1	off Spacer (15 mm)	—	(A) (E)
20-146	UP10481	1	off Spacer (20 mm)	—	(A) (F)
24-530	UP10479	1	off Spacer (10 mm)	—	(A) (C)
24-531	UP10481	1	off Spacer (20 mm)	—	(A) (F)

A5 Model

73-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
02-538	UP10480	1	off Spacer (10 mm)	—	(A) (E)
02-539	UP10481	1	off Spacer (20 mm)	—	(A) (F)
03-138	UP10481	1	off Spacer (20 mm)	—	(A) (F)
03-146	UP10481	1	off Spacer (20 mm)	—	(A) (F)
03-154	UP10481	1	off Spacer (20 mm)	—	(A) (F)
03-162	UP10482	1	off Spacer (25 mm)	—	(A) (G)
06-562	UP10482	1	off Spacer (25 mm)	—	(A) (G)

R

V2500-ENG-70-0536

Page 6

A5 Model

74-21-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-154	UP10478	1	off Spacer (5 mm)	—	(A) (B)
01-162	UP10478	1	off Spacer (20 mm)	—	(A) (B)

A5 Model

75-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
06-138	UP10480	1	off Spacer (15 mm)	—	(A) (E)

A5 Model

75-32-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
02-562	UP10478	1	off Spacer (5 mm)	—	(A) (B)
08-530	UP10480	1	off Spacer (15 mm)	—	(A) (E)
08-531	UP10478	1	off Spacer (5 mm)	—	(A) (B)
10-130	UP10482	1	off Spacer (25 mm)	—	(A) (G)
10-138	UP10481	1	off Spacer (20 mm)	—	(A) (F)
10-146	UP10481	1	off Spacer (20 mm)	—	(A) (F)
10-154	UP10481	1	off Spacer (20 mm)	—	(A) (F)
10-538	UP10479	1	off Spacer (10 mm)	—	(A) (C)
13-562	UP10480	1	off Spacer (15 mm)	—	(A) (E)
14-578	UP10480	1	off Spacer (15 mm)	—	(A) (E)

A5 Model

79-21-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-138	UP10482	1	off Spacer (25 mm)	—	(A) (G)
01-139	UP10481	1	off Spacer (20 mm)	—	(A) (F)
04-130	UP10482	1	off Spacer (25 mm)	—	(A) (G)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
04-131	UP10480	1	off Spacer (15 mm)	—	(A) (E)
14-146	UP10481	1	off Spacer (20 mm)	—	(A) (F)

A5 Model

79-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-570	UP10479	1	off Spacer (10 mm)	—	(A) (C)
02-138	UP10478	1	off Spacer (5 mm)	—	(A) (B)

D5 Model

71-51-50

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
04-138	UP10478	1	off Spacer (5 mm)	—	(A) (B)
04-146	UP10479	1	off Spacer (10 mm)	—	(A) (C)

D5 Model

71-51-51

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-630	UP10478	1	off Spacer (5 mm)	—	(A) (B)
01-678	UP10482	1	off Spacer (25 mm)	—	(A) (G)
01-858	UP10479	1	off Spacer (10 mm)	—	(A) (C)
01-866	UP10479	1	off Spacer (10 mm)	—	(A) (C)
02-190	UP10479	1	off Spacer (10 mm)	—	(A) (C)
02-206	UP10480	1	off Spacer (15 mm)	—	(A) (E)
02-207	UP10481	1	off Spacer (20 mm)	—	(A) (F)

D5 Model

71-51-54

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-778	UP10481	1	off Spacer (20 mm)	—	(A) (F)

D5 Model

73-11-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
28-546	UP10479	1	off Spacer (10 mm)	—	(A) (C)
28-562	UP10478	1	off Spacer (5 mm)	—	(A) (B)

D5 Model

74-21-43

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-146	UP10480	1	off Spacer (15 mm)	—	(A) (E)

D5 Model

75-22-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
06-154	UP10478	1	off Spacer (5 mm)	—	(A) (B)
07-530	UP10479	1	off Spacer (10 mm)	—	(A) (C)
15-539	UP10481	1	off Spacer (20 mm)	—	(A) (F)

D5 Model

75-32-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
02-370	UP10479	1	off Spacer (10 mm)	—	(A) (C)
02-371	UP10478	1	off Spacer (5 mm)	—	(A) (B)

D5 Model

79-21-49

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
05-130	UP10482	1	off Spacer (20 mm)	—	(A) (G)
05-138	UP10482	1	off Spacer (25 mm)	—	(A) (G)
15-530	UP10482	1	off Spacer (25 mm)	—	(A) (G)

D5 Model Left Hand Nacelle

71-51-55

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-306	UP10478	1	off Spacer (5 mm)	—	(A) (B)
01-554	UP10481	1	off Spacer (20 mm)	—	(A) (F)
01-562	UP10481	1	off Spacer (20 mm)	—	(A) (F)

D5 Model Right Hand Nacelle

71-51-56

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	OLD PART NO.	INSTR DISP
01-530	UP10479	1	off Spacer (10 mm)	—	(A) (C)

B. Instruction/Disposition Code Statements:

(A) = Additional

(B) = Alternative to 5W1029

(C) = Alternative to 5W1030

(E) = Alternative to 5W1031

(F) = Alternative to 5W1032

(G) = Alternative to 5W1033

Printed in Great Britain

3. Accomplishment Instructions

None

Printed in Great Britain

INFORMATION-ANNOUNCEMENT OF ALTERNATIVE SPACERSSUPPLEMENT – 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.	Desc.	Unit Price US Dollars
UP10479	Spacer	11.0
UP10481	Spacer	13.20
UP10478	Spacer	10.90
UP10480	Spacer	11.60
UP10482	Spacer	13.40

