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V2500-A1/A5 SERIES PROPULSION SYSTEMS SERVICE BULLETIN

Printed in Great Britain

This document transmits the Initial Issue of Service Bulletin V2500-ENG-70-0746

Service Bulletin Initial Issue

Remove	Incorporate	Reason for change
	Pages 1 to 11 of the Service Bulletin	Initial Issue.

V2500-ENG-70-0746

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INFORMATION – ENGINE – TO ANNOUNCE THE AVAILABILITY OF ALTERNATIVE CLAMPS AND
ASSOCIATED SPARE PARTS

1. Planning Information

A. Effectivity

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

B. Reason

- (1) To announce the availability of clamps and associated spare parts as alternatives to existing hardware. Additionally, to aid engine build, the parts, which were supplied by Bombardier Shorts, will be "self supplied".

C. Compliance

- (1) Category Code 7.

Accomplish when supply of superseded parts has been depleted.

D. Approval

- (1) The technical content of this Service Bulletin has been approved under the authority of the EASA Design Organisation Approval No EASA.21J.031.

In addition, the part number changes and/or part modifications that are given in section 2 of this Service Bulletin comply with the applicable Federal Aviation Authority Regulations and are FAA approved for the engine models listed.

E. General Information

- (1) This General Information Bulletin introduces alternative clamps and associated spare parts to the engine build.
- (2) Additionally, the clamps and associated spare items, which previously were supplied by Bombardier Shorts, are now party company "self supply".



- (3) The Material Information portion of this Service Bulletin provides the latest information concerning the availability of the alternative "self supply" clamps and associated spare parts.
- (4) Publications affected:
- (a) The V2500-A1/A5 Engine Illustrated Parts Catalogs (S-V2500-1IA, S-V2500-2IA, S-V2500-2IB, S-V2500-5IA, S-V2500-5IB, S-V2500-6IA, S-V2500-6IB, S-V2500-7IA, S-V2500-7IB) will be revised to include the new parts. Refer to Section 2. "Material Information" for ATA Locations.

F. References

- (1) Internal Reference No.:
- Engineering Change No. 02VN758.
- (2) ATA Locator - 71-51-42, 71-52-42, 75-22-49, 77-32-15 and 77-32-43.

2. Material Information

A. Parts affected by this Service Bulletin:

Applicability: For all V2500-A1 Engines

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
71-51-42						
01-473	SP154D	1	.Washer		SP154D	(C)
01-505	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-510	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
71-52-42						
01-038	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-040	SP154D	1	.Washer		SP154D	(C)
01-043	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-045	AS41104	1	.Nut		AS41104	(C)
01-046	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-049	SP154D	1	.Washer		SP154D	(C)
01-051	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-053	4W0001	1	.Nut		AS20624	(A)(B) (C)(S1)
01-055	AS61902	1	.Clamp		TA025074 -04	(A)(B) (C)(S1)
01-080	AS21407	1	.Bolt		AS21407	(C)
01-081	SP154D	1	.Washer		SP154D	(C)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-083	AS61903	1	.Clamp		TA025074 -05	(A)(B) (C)(S1)
01-087	4W0001	1	.Nut		4W0001	(C)
75-22-49						
10-069	AS61902	Ref	.Clamp		AS61902	(C)
77-32-15						
01-101	4W0001	2	.Nut		4W0001	(C)
01-104	4W0103	2	.Bolt		4W0103	(C)
01-249	4W0103	1	.Bolt		4W0103	(C)
01-250	SP154D	1	.Washer		SP154D	(C)
01-252	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-257	4W0103	1	.Bolt		4W0103	(C)
01-258	SP154D	1	.Washer		SP154D	(C)
01-260	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-265	4W0103	1	.Bolt		4W0103	(C)
01-266	SP154D	1	.Washer		SP154D	(C)
01-268	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-273	4W0104	1	.Bolt		4W0104	(C)
01-274	SP154D	1	.Washer		SP154D	(C)
01-275	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-276	AS61933	1	. Clamp		TA025074 -03	(A)(B) (C)(S1)
01-280	AS41104	1	. Nut		AS41104	(C)
01-281	4W0104	1	. Bolt		4W0104	(C)
01-282	SP154D	1	. Washer		SP154D	(C)
01-283	AS61933	1	. Clamp		TA025074 -03	(A)(B) (C)(S1)
01-284	AS61933	1	. Clamp		TA025074 -03	(A)(B) (C)(S1)
01-288	AS41104	1	. Nut		AS41104	(C)
01-289	4W0104	1	. Bolt		4W0104	(C)
01-290	SP154D	1	. Washer		SP154D	(C)
01-291	AS61933	1	. Clamp		TA025074 -03	(A)(B) (C)(S1)
01-292	AS61933	1	. Clamp		TA025074 -03	(A)(B) (C)(S1)
01-296	4W0001	1	. Nut		AS20624	(A)(B) (C)(S1)
77-32-43						
01-111	SP154D	1	. Washer		SP154D	(C)
01-113	AS61932	1	. Clamp		TA025074 -02	(A)(B) (C)(S1)
01-117	4W0001	1	. Nut		4W0001	(C)
01-118	4W0104	1	. Bolt		4W0104	(C)
01-119	SP154D	1	. Washer		SP154D	(C)
01-121	AS61932	1	. Clamp		TA025074 -02	(A)(B) (C)(S1)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-125	4W0001	1	.Nut		4W0001	(C)
01-126	4W0103	1	.Bolt		4W0103	(C)
01-127	SP154D	1	.Washer		SP154D	(C)
01-129	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-133	4W0001	1	.Nut		4W0001	(C)
01-134	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-135	SP154D	1	.Washer		SP154D	(C)
01-137	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-141	4W0001	1	.Nut		4W0001	(C)
02-113	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-121	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-126	4W0103	1	.Bolt		4W0103	(C)
02-127	SP154D	1	.Washer		SP154D	(C)
02-129	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-133	4W0001	1	.Nut		4W0001	(C)

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01-505	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-510	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
71-52-42						
01-038	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-040	SP154D	1	.Washer		SP154D	(C)
01-043	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-045	AS41104	1	.Nut		AS41104	(C)
01-046	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-049	SP154D	1	.Washer		SP154D	(C)
01-051	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-053	4W0001	1	.Nut		AS20624	(A)(B) (C)(S1)
01-055	AS61902	1	.Clamp		TA025074 -04	(A)(B) (C)(S1)
01-080	AS21407	1	.Bolt		AS21407	(C)
01-081	SP154D	1	.Washer		SP154D	(C)
01-083	AS61903	1	.Clamp		TA025074 -05	(A)(B) (C)(S1)
01-087	4W0001	1	.Nut		4W0001	(C)

FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
75-22-49						
10-069	AS61902	Ref	.Clamp		AS61902	(C)
77-32-15						
01-101	4W0001	2	.Nut		4W0001	(C)
01-104	4W0103	2	.Bolt		4W0103	(C)
01-249	4W0103	1	.Bolt		4W0103	(C)
01-250	SP154D	1	.Washer		SP154D	(C)
01-252	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-257	4W0103	1	.Bolt		4W0103	(C)
01-258	SP154D	1	.Washer		SP154D	(C)
01-260	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-265	4W0103	1	.Bolt		4W0103	(C)
01-266	SP154D	1	.Washer		SP154D	(C)
01-268	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-273	4W0104	1	.Bolt		4W0104	(C)
01-274	SP154D	1	.Washer		SP154D	(C)
01-275	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-276	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-280	AS41104	1	.Nut		AS41104	(C)
01-281	4W0104	1	.Bolt		4W0104	(C)

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FIG ITEM NO.	NEW PART NO.	QTY	PART TITLE	MAT	OLD PART NO.	INSTR DISP
01-282	SP154D	1	.Washer		SP154D	(C)
01-283	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-284	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-288	AS41104	1	.Nut		AS41104	(C)
01-289	4W0104	1	.Bolt		4W0104	(C)
01-290	SP154D	1	.Washer		SP154D	(C)
01-291	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-292	AS61933	1	.Clamp		TA025074 -03	(A)(B) (C)(S1)
01-296	4W0001	1	.Nut		AS20624	(A)(B) (C)(S1)
77-32-43						
01-111	SP154D	1	.Washer		SP154D	(C)
01-113	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-117	4W0001	1	.Nut		4W0001	(C)
01-118	4W0104	1	.Bolt		4W0104	(C)
01-119	SP154D	1	.Washer		SP154D	(C)
01-121	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-125	4W0001	1	.Nut		4W0001	(C)
01-126	4W0103	1	.Bolt		4W0103	(C)
01-127	SP154D	1	.Washer		SP154D	(C)

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01-129	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-133	4W0001	1	.Nut		4W0001	(C)
01-134	4W0103	1	.Bolt		AS21408	(A)(B) (C)(S1)
01-135	SP154D	1	.Washer		SP154D	(C)
01-137	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
01-141	4W0001	1	.Nut		4W0001	(C)
02-113	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-121	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-126	4W0103	1	.Bolt		4W0103	(C)
02-127	SP154D	1	.Washer		SP154D	(C)
02-129	AS61932	1	.Clamp		TA025074 -02	(A)(B) (C)(S1)
02-133	4W0001	1	.Nut		4W0001	(C)

B. Instruction/Disposition Codes:

- (A) New part is currently available.
- (B) New part introduced as an alternative to the old part.
- (C) To aid engine build, parts are "self supply".
- (S1) Old and new parts are fully interchangeable.

3. Accomplishment Instructions.

None.

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