	SB-A500A-2810-01	Revision: --
		Type: EA 400
Model: EA 400-500		
Project: A500A-16-09		
Date: 06. Mar. 2017		
Design Organisation EASA.21J.551		

SERVICE BULLETIN

FUEL CAP MODIFICATION

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1. Subject

This Service Bulletin provides instructions concerning the fuel caps for refilling the wing tanks.

2. Affected Aircraft

EA 400-500, all serial numbers. Optional for MSN 1002 to 1007, standard for MSN 1008 and up.

3. Introduction

This service bulletin is issued to present a modified version of the fuel cap. The shape of the recess is modified in a way that it can be used together with a tool for opening and closing the fuel cap more easily. Thus the change is only profitable in combination with this tool. (Refer to SB-A500A-0210-01)

In addition to the modification of the fuel cap recess the O-ring has been changed to a standard MS28775 O-ring which affects the gland within the fuel cap and the installation drawing.

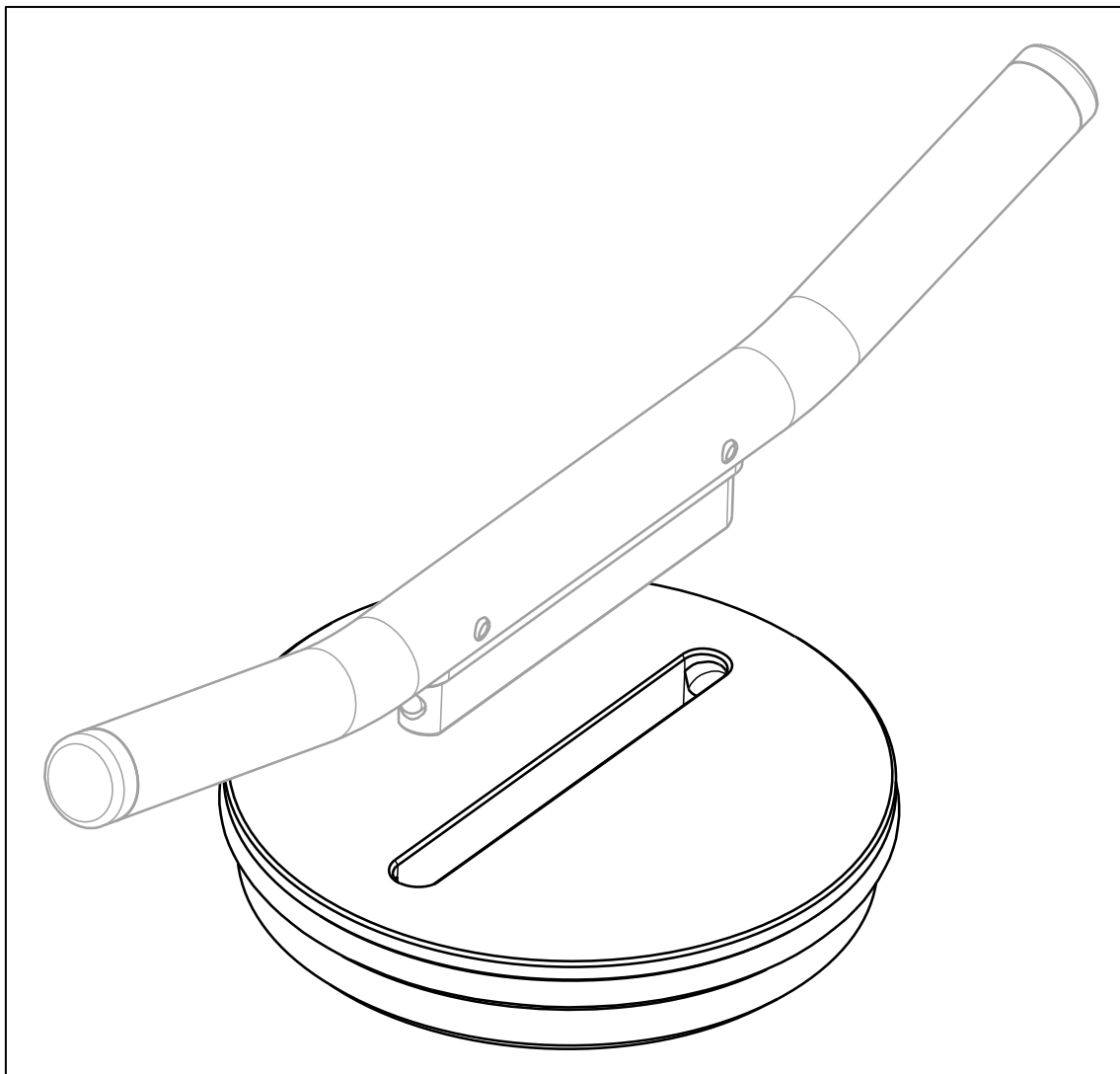


Figure 1: Modified fuel cap and corresponding tool (in grey)

4. Compliance Time

Compliance with this SB is optional.

5. Approval

“The technical content of this document is approved under the authority of DOA re. EASA.21J.551.”

6. Instructions

6.1. Mechanical installation

6.1.1. Affected Areas

All four fuel caps on top of the wing, two on each side are affected.

6.1.2. Removal

Remove all four fuel caps EA-6B215.02 on top of the wing and the installed O-rings OR4007600-V80G2.

6.1.3. Installation

Install the new modified fuel caps 500-2811-009-101 together with the corresponding O-rings MS28775-337.

6.2. Aircraft Flight Manual revision

Insert new AIRCRAFT FLIGHT MANUAL Issue 2-1 into present AFM. Therefore replace Section 0, Section 2 and Section 6 by the new issue.

6.3. Post-installation inspections and tests

Check if the fuel caps can be screwed and unscrewed properly and if the O-rings have not been damaged during installation.

7. Material required

#	Amt.	Type	Number	Designation
1	4	Fuel Cap	500-2811-009-101	FUEL CAP
2	4	O-Ring	MS28775-337	O-RING
3	1	Manual	AFM-A500A-0210-01 Issue 2-1	AIRCRAFT FLIGHT MANUAL

8. Release to Service

Insert this Service Bulletin into the Aircraft logs.

9. Weight and balance

No change.

10. Electrical load analysis

Not applicable.

11. Operating instructions

Refer to 6.2 *Aircraft Flight Manual revision*.

12. Instructions for continued airworthiness

Not applicable.

13. Effectivity date

This Service Bulletin is effective upon the date of issuance.

14. Installation check-out log

Submit a signed copy of the following page to:

support@sst-flugtechnik.com

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Am Flughafen 12a
D-87766 Memmingerberg

If problems with the implementation of this Service Bulletin occur, please contact SST-Flugtechnik by the contact details above.

14.1. Continued airworthiness data

INSTALLING AGENCY		AIRCRAFT OWNER	
Name:		Name:	
Organisation No.:		Postal Address:	
Contact Person:			
Postal Address:		Telephone No.:	
		E-Mail:	
Telephone No.:		MODIFIED AIRCRAFT	
E-Mail:		Aircraft Type:	
Date of installation:		Aircraft Model:	
		Serial Number:	
		Registration:	

14.2. Installed configuration

INSTALLED SYSTEM	
Manufacturer:	
Model:	
Part Number:	
Serial Number:	

14.3. A/C Documentation checks

W&B / Equip List

- Equipment List updated.
 Weight and Balance record updated.

Electrical Load Analysis

- Electrical Load Analysis updated.

AFM(S)

- AFM(S) completed and inserted.

MM(S)

- MM(S) completed and inserted.

14.4. Installation accomplishment statement

I hereby confirm

- that all conditions and requirements set forth in this Service Bulletin are met;
that the installation and check-out instructions of this Service Bulletin have been followed;
that the information provided in this check-out log is complete and correct.

Date

Name in block letters

Signature