

**AG-SB-2016-06-B-EN – Cavalon fuel-tank inlay ring**

**Category B**

**EFFECTIVE DATE**

06.09.2016

**SUPERSEDES/REPLACES**

N/A (initial issue)

**APPLICABILITY**

This Service Bulletin is applicable for all Cavalon that are affected by fuel smell in the cockpit.

**COMPLIANCE**

To be performed with the next maintenance.

**BACKGROUND**

Some Cavalon owners have complained of a fuel smell in the cockpit, noticeable mainly after standing a longer period of time with the doors closed. This has been traced sometimes to small gaps in the sealing between the fuel tank flange and the composite body.

At the affected Cavalon an aluminium “inlay ring” is placed inside the filler neck and by means of a new rubber seal combined with longer fuel filler mounting screws allows the fuel tank flange to be pulled uniformly against the body – squeezing the new rubber seal between to ensure a perfect sealing (see fig. 1).

**RISK OF NEGLECT**

Failure to comply with this instruction/information will result in:

- Possible damage to the aircraft
- Loss of related warranty.

**SCOPE OF WORK**

- Check for seepage from the fuel outlet, failure of fuel level sender unit gasket, poor seal between tank lids and the tank, or poor seal tank to body.

**AFFECTED AREAS**

Fuel tank

**SPECIAL TOOLS & CONSUMABLE MATERIALS**

xx-00-00-S-xxxxx (L) 7mm ring spanner bent to fit fuel inlet (see fig.3)

**PARTS**

xx-00-00-S-42901 (L1) Inlay tank insert - kit

**LABOR AND REQUIREMENTS**

To accomplish 1.5 h

Task may only be performed by an organization or individual trained and entitled to do 'Line Maintenance'!

### SUPPORT POLICY

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### REFERENCES

Manufacturer Maintenance Manual (MMM) in latest revision.

### DOCUMENTATION

The accomplishment of this Service Bulletin, or the decision of its rejection, must be properly documented, if such procedure is required by the relevant authority.

### Warnings Caution and Notes

This instruction uses **WARNINGS**, **CAUTIONs** and **NOTEs** in bold italic letters to indicate especially critical and important instructions. The call-outs appear at the top of the Maintenance Job Card if of general nature or applicable for the complete task, or will directly precede the individual Work Step.

The meaning of each call-out is defined below:

***WARNING: A warning means that the neglect of the appropriate procedure or condition could result in personal injury or fatal accidents.***

***CAUTION: A caution means that the neglect of the appropriate procedure or condition could result in damage to or destruction of equipment.***

***NOTE: A note stresses the attention for a special circumstance, which is essential to emphasize.***

### Category Codes

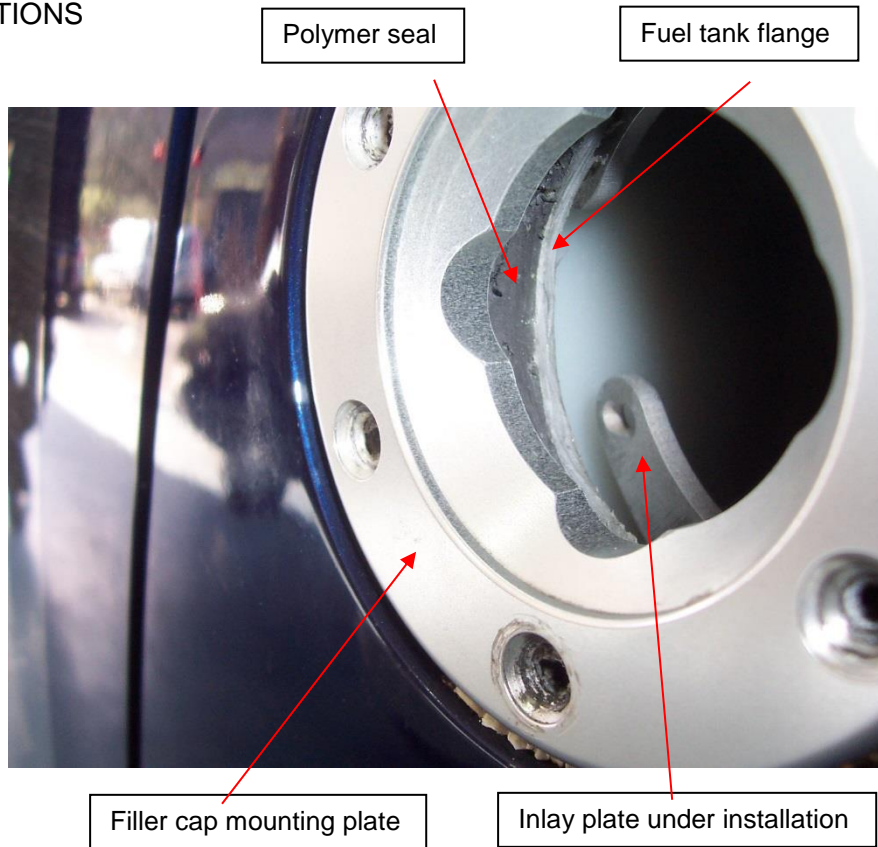
- A** Safety critical - failure to comply may result in a significant reduction of flight safety, injury or death
- B** Important - failure to comply may result in reduced safety margin, injury and/or equipment damage
- C** Beneficial - improves operating behaviour, reliability and/or maintainability



PARTS LIST

Fig.	Pos.	Description	PC	PIT	Remark
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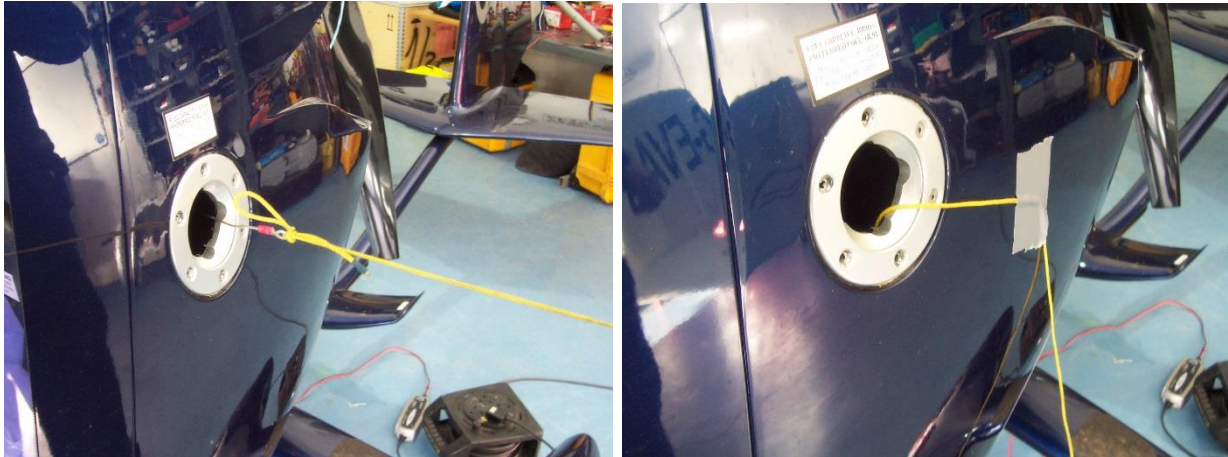
ILLUSTRATIONS



**Fig. 1: Fuel filler**

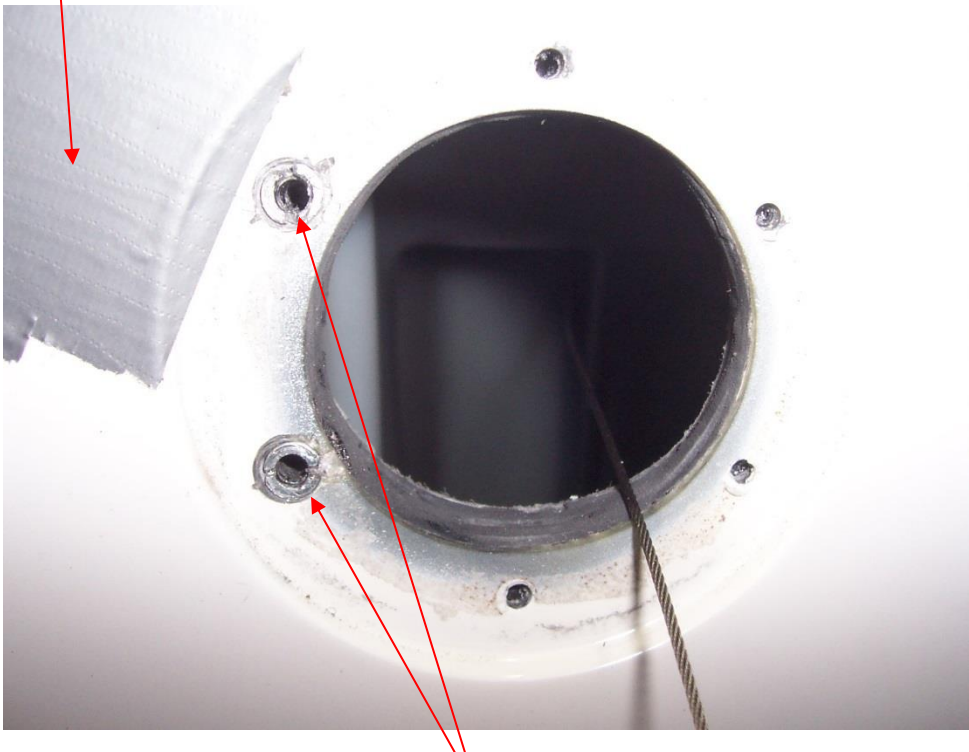


**Fig. 2+3: Fuel filler and specially formed spanner**



**Fig. 4+5: Fuel filler and earth strap safety string**

Protective tape



**Fig. 6: Two rivnut heads slotted for drilling**



Fig. 7+8: inlay ring

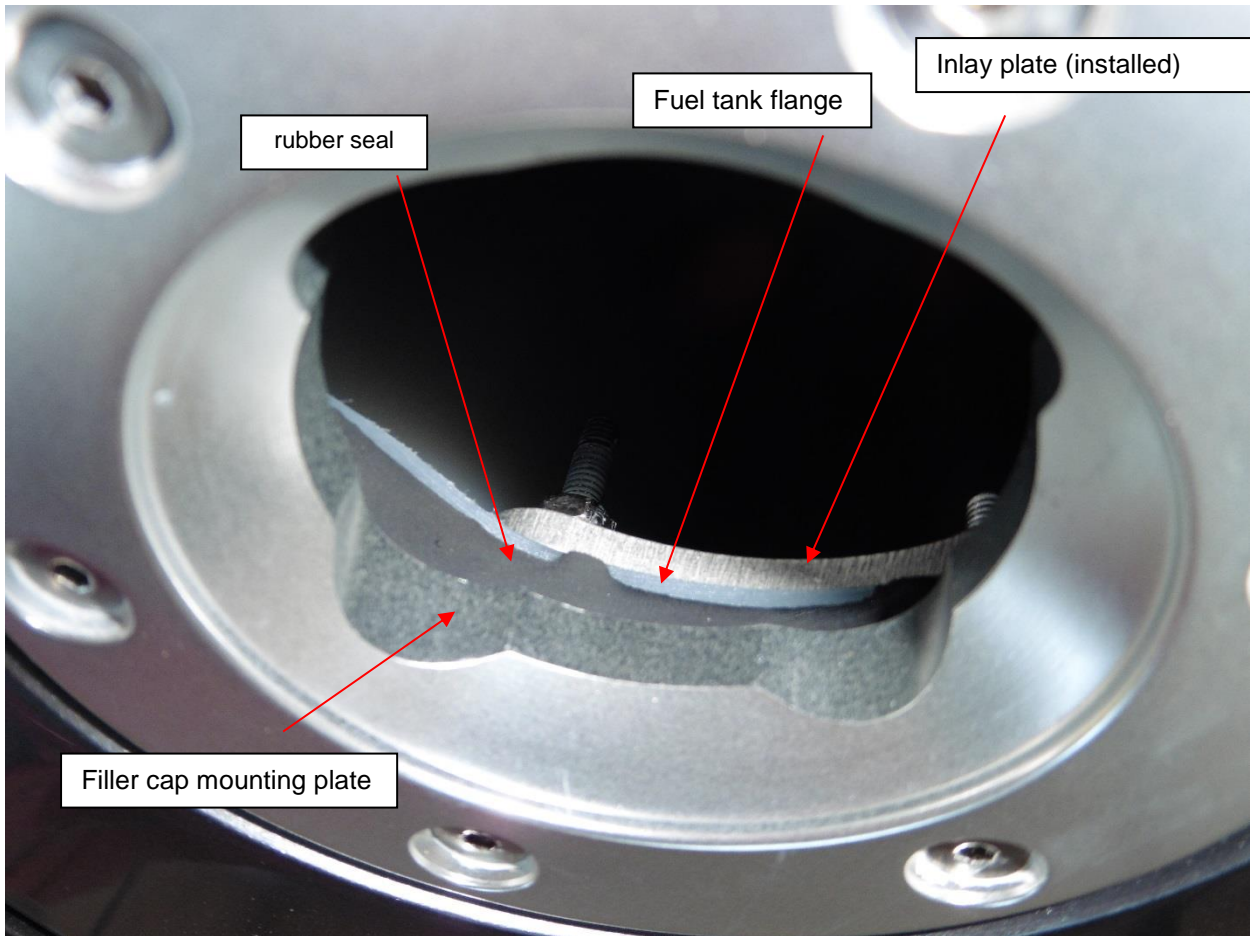


Fig. 9: fuell filler with attached inlay ring and rubber seal