

PO Box 881, Morwell, Victoria 3840, Australia  
Ph + 61 (0) 3 5172 1200  
Fax + 61 (0) 3 5172 1201  
www.gippsaero.com

# Service Bulletin

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**Subject:**

Oil cooler front baffle modification

**Applicability:**

All GA8 serial numbers up to S/N GA8-05-095

**Amendments:**

Nil – Initial issue

**Background:**

The air duct connecting the alternator shroud to the air intake plenum has been observed on some aircraft to be a tight fit between the engine and the oil cooler front baffle. This service bulletin reworks the oil cooler front baffle to give additional clearance for the air duct. Alternatively a new revised oil cooler front baffle may be installed.

**Compliance:**

Optional, but recommended.

**Weight and Balance:**

Negligible effect on weight and balance.

**Approval:**

The technical aspects of this Service Bulletin have been approved under a CASA Authorisation.

**Parts:**

Item	Part Number	Description	Qty
1	GA8-716021-43 <sup>1</sup>	Oil Cooler Front Baffle	1

<sup>1</sup> Existing part may be reworked – see text for details

**Parts Availability:**

Parts can be obtained directly from Gippsland Aeronautics.

Tel.: +61 03 5172 1208

Fax.: +61 03 5172 1237

Email: spares@gippsaero.com

## Labour:

0.5 hours should be allocated for completing the work detailed in this service bulletin.

## Warranty:

Gippsland Aeronautics factory participation is limited to new aircraft in warranty at the time of compliance. For details relating to claims contact Gippsland Aeronautics.

## Instructions:

### 1. Rework:

- 1.1 Remove upper and lower cowls to gain access to the oil cooler front baffle. Refer to Figure 1.
- 1.2 Remove the oil cooler front baffle from the air intake assembly.
- 1.3 Taper the right hand end of the top flange of the oil cooler front baffle to provide additional clearance to the air duct. The maximum permitted length of the taper is 2.0". Refer to Figure 2.
- 1.4 Prime the trimmed edge with a suitable primer, such as zinc chromate primer.
- 1.5 Replace the oil cooler front baffle.
- 1.6 Refit cowls.

### 2. Replacement:

- 2.1 Remove upper and lower cowls to gain access to the oil cooler front baffle. Refer to Figure 1.
- 2.2 Remove the existing oil cooler front baffle from the air intake plenum.
- 2.3 Install new oil cooler front baffle.
- 2.4 Refit cowls.

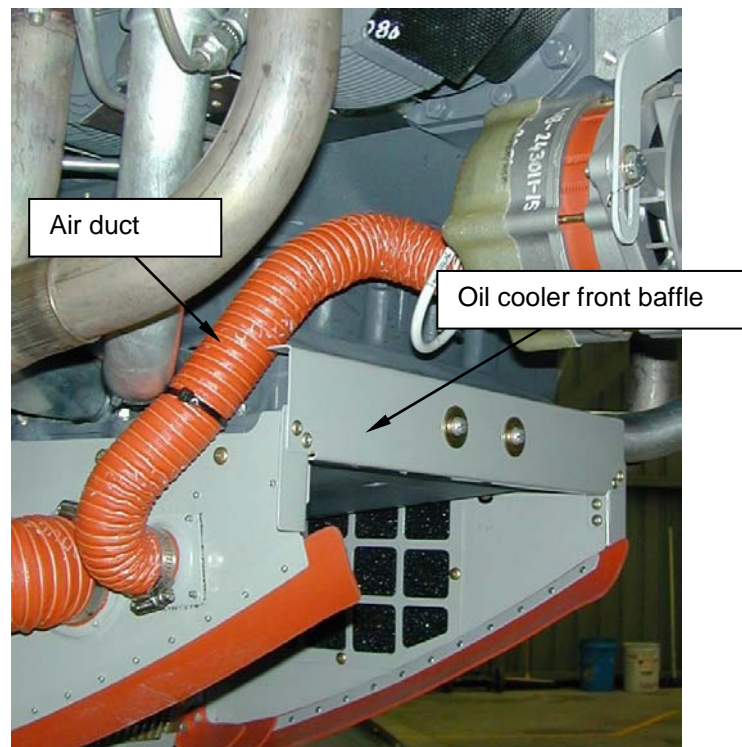
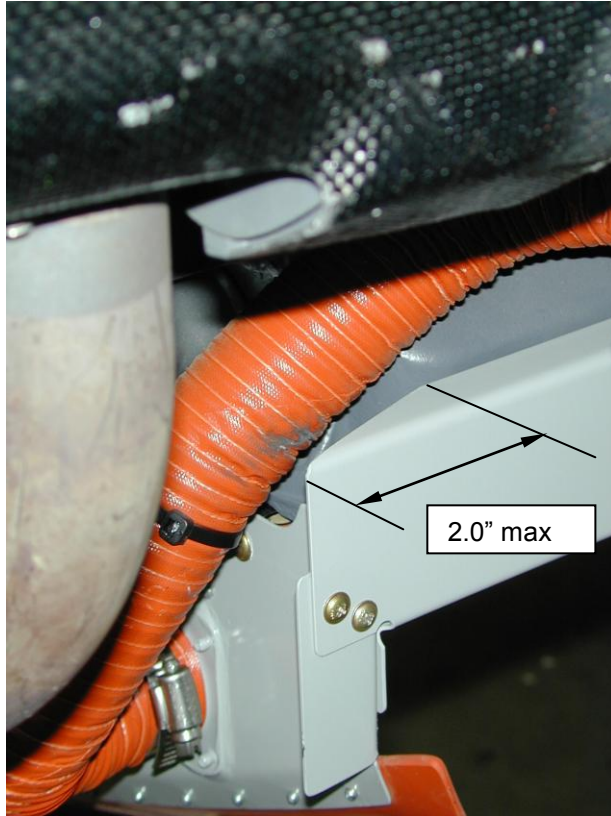


Figure 1



**Figure 2**

**Documentation:**

Update aircraft log book to reflect incorporation of this Service Bulletin.

**Compliance Notice:**

Complete the Document Compliance Notice and return to Gippsland Aeronautics by fax or mail.

## DOCUMENT COMPLIANCE NOTICE



Document: Service Bulletin SB-GA8-2006-34

Aircraft Serial Number: GA8-\_\_\_\_\_

Service Bulletin SB-GA8-2006-34 Issue 1 has been incorporated in the above aircraft.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signed

Print Name: \_\_\_\_\_

Please post or fax this compliance notice to:

Gippsland Aeronautics  
Attn: Technical Services  
P.O. Box 881  
Morwell Victoria 3840  
Australia  
Fax.: +61 03 5172 1201