

# SERVICE BULLETIN



**Diamond**  
AIRCRAFT

Service Bulletin No.: DA20-72-01 Rev. 0

Date Issued: March 6, 1997

Title: Inspection, Coolant Bottle

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1. ATA Code: 7200

## PLANNING INFORMATION:

2. **Effectivity:** DA20-A1 aircraft S/N 10002 up to and including S/N 10240.
3. **General:** This service bulletin addresses an inspection of the overflow bottle. Some overflow bottles might not have a hole in the 'blow moulded spigot', on the bottom, that allows for fluid exchange between the overflow bottle and the cooling system.
4. **Compliance:** Upon receipt of this service bulletin.
5. **Approval:** Engineering data referenced or contained in this bulletin is approved as part of the type design.
6. **Labor:** 0.3 man hours
7. **Material:** None.
8. **Special Tools:** A drinking straw or similar clean light duty tube.
9. **References:** DA20 Maintenance Manual Doc. # DA201. ROTAX 912 F spare parts list Doc #897-788. ROTAX 912 UL spare parts list Doc #897-712.

## 10. Accomplishment Instructions:

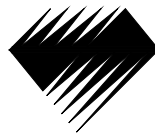
- 10.1 Remove the upper engine cowling.

### CAUTION !

**Do not open the radiator cap on a HOT engine.  
For safety, cover with a cloth and open slowly.**

- 10.2 Remove the cap from the dispatcher vessel and the overflow bottle.
- 10.3 Using the straw, blow air into the overflow line in the dispatcher vessel neck.
- 10.4 Watch or listen for bubbles rising through the fluid in the overflow bottle.
- 10.5 If bubbles are present, replace the cap on the overflow bottle and the dispatcher vessel and reinstall the cowlings. Carry out a log book entry.
- 10.6 If bubbles are not present investigate the possibility of a blocked line or defective overflow bottle and replace the parts as necessary to correct the problem.

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- 11. **Weight and Balance:** Not applicable.
- 12. **Electrical Load Data:** Not applicable.
- 13. **Credit:** None.

*To obtain satisfactory results, procedures specified in this service bulletin must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this service bulletin.*

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