

ALERT SERVICE BULLETIN



Service Bulletin No.: DA20-79-04A, Rev. 1

Date Issued: November 28, 1997

Title: Defective Oil Filter

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1. **ATA Code:** 7920
2. **Effectivity:** DA 20A-1 Aircraft S/N 10002 through 10300.
3. **General:** This service bulletin address the inspection and replacement of oil filters Rotax P/N 825-700. Some oil filter outer cases have defects caused by an internal spring. There is a possibility that a crack will develop in the outer casing resulting in the loss of oil from the engine lubricating system.
4. **Compliance:** Inspect immediately and replace if necessary upon receipt of this service bulletin.
Replacement of the oil filter is required immediately upon receipt of this bulletin if the filter has been in service for longer than 50 hours.
Oil filter replacement is required upon reaching 50 hours since last filter replacement and every fifty hours thereafter until the new filter, Rotax P/N 825-701 is installed.
5. **Approval:** Engineering data referenced or contained in this bulletin is approved as part of the type design.
6. **Labor:** 0.5 hours.
7. **Material:**

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	825-701	Oil Filter
8. **Special Tools:** Not Applicable.
9. **References:** Doc #DA201 Maintenance Manual.
10. **Accomplishment Instructions:**
 - 10.1 Remove the upper and lower cowling.
 - 10.2 Clean the filter casing.
 - 10.3 Using a light carefully inspect the surface area shown in figure 1.
 - 10.4 If the defect described in figure 1 is present on the outer casing replace the oil filter.
 - 10.5 Replace the oil filter every 50 hours thereafter until the new type oil filter is installed on the aircraft.

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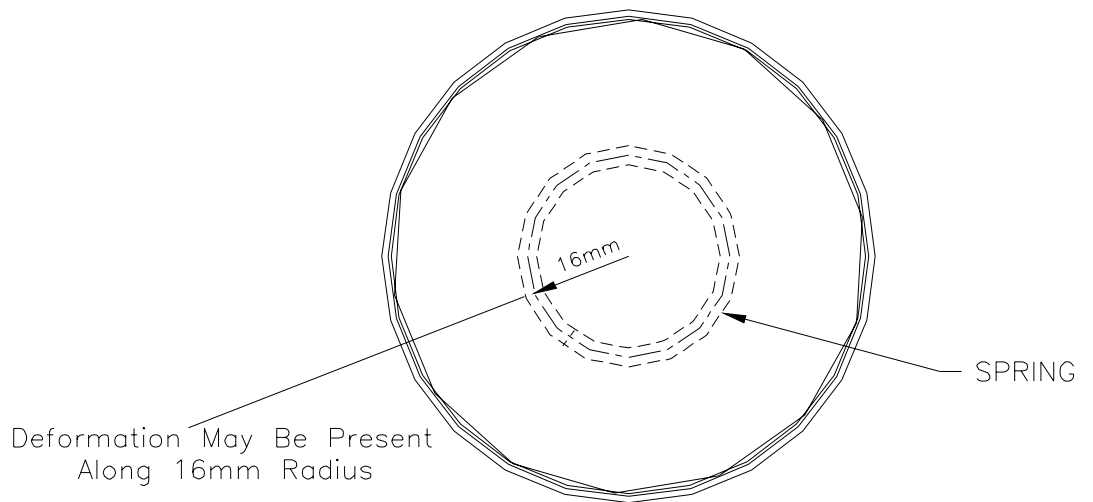
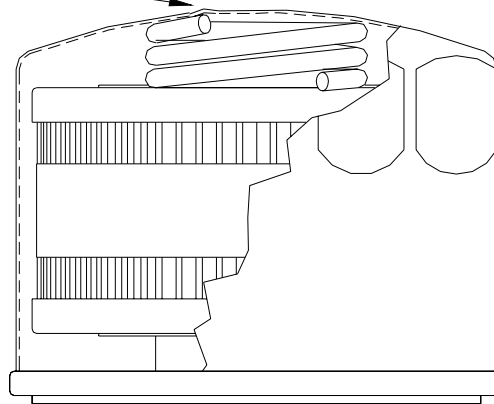
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Only a slight defect may be visible
Inspect carefully along the 16mm radius



—VIEW—
Top Of Filter

Figure 1

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11. Weight and Balance: Not applicable.

12. Electrical Load Data: Not applicable.

13. Credit: A full parts credit for new, unused oil filters originally purchased from Diamond Aircraft will be issued, provided they are returned in their original packaging along with a completed warranty claim form no later than February 28, 1997.

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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