



Optional Service Bulletin  
No. OSB-E4-033/3

Austro Engine GmbH  
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# OPTIONAL SERVICE BULLETIN

No. OSB-E4-033/3  
Supersedes OSB-E4-033/2

Distribution:	Portal
Date:	11-May-2022

## 1. BASIC INFORMATION

### 1.1. SUBJECT

Oil pump inspection to check serviceability.

### 1.2. ENGINES AFFECTED

Type: E4 Engine

Serial Number: All s/ns

### 1.3. REASON

With this optional service bulletin, the procedure for inspection to ensure used oil pump serviceability is introduced. A maximum service life of 3600 flight hours (fh) is permitted for the oil pumps having part number E4A-50-000-000 or E4A-50-000-AHY.

### 1.4. TIME OF COMPLIANCE

At operator discretion.

### 1.5. CONCURRENT DOCUMENTS / REFERENCES

Work Instruction WI-OSB-E4-033.

### 1.6. OTHER PUBLICATIONS AFFECTED

Maintenance Manual – Doc. No.: E4.08.04, latest effective issue

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## 2. TECHNICAL DETAILS

### 2.1. ACCOMPLISHMENT / INSTRUCTIONS

- Record the engine s/n and flight hours from which the oil pump should be removed/inspected
- Inspect the used oil pump p/n E4A-50-000-000 or p/n E4A-50-000-AHY in accordance with the Work Instruction no. WI-OSB-E4-033
- If the oil pump is found to be serviceable against criteria of the WI-OSB-E4-033, it should be released to service according to the applicable national rules as inspected/serviceable part. In the part release remarks/notes the following should be indicated:
  - o Engine s/n and flight hours from which the pump was removed
  - o Oil pump remaining service life, expressed in flight hours, in accordance with the following formula:  $3600 \text{ fh} - \text{OP fh}$ 
    - Where OP are the flight hours of the engine from which the pump was removed.
- Install the serviceable oil pump on an engine in accordance with the instruction provided in the Service Bulletin MSB-E4-031, latest revision
- Add the serviceable oil pump installed in the list of the Engine life limited parts, noting the time between replacement
- Place an entry in the Maintenance Logbook of the Engine having the serviceable oil pump installed, marking this Optional Service Bulletin (OSB-E4-033) as applied

### 2.2. ILLUSTRATIONS

None.

### 2.3. MASS (WEIGHT)

Not applicable.

### 2.4. APPROVAL STATEMENT

The technical content of this document has been approved under the authority of DOA No. EASA.21J.399.

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### 3. PLANNING INFORMATION

#### 3.1. MATERIAL & AVAILABILITY

Refer to Work Instruction WI-OSB-E4-033.

#### 3.2. SPECIAL TOOLS

AEP-00429-000 – Oil pump torque wrench adapter

#### 3.3. LABOR EFFORT

Approximately 16 hours.

#### 3.4. CREDIT

Oil pumps inspected in accordance with Rev.0, Rev.1 or Rev. 2 of this SB, which have been released to service for 2400fh or 3000fh, can be further released to 3600fh without additional inspection.

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## 4. REMARKS

### **NOTE:**

- All measures must be carried out by a certified engine station and certified engine mechanic.
- The accomplishment of the instructions shown under chapter 2.1 must be confirmed in the respective engine log book.
- The accomplishment of the instructions must be carried out within the time of compliance according chapter 1.4.
- In case of doubt please contact the Austro Engine GmbH – After Sales Support (e-mail: [service@austroengine.at](mailto:service@austroengine.at); Tel: +43 2622 23000 2525).
- For credit information contact Austro Engine GmbH – After Sales Support (e-mail: [service@austroengine.at](mailto:service@austroengine.at); Tel: +43 2622 23000 2525).

## 5. EXPLANATORY NOTES

### 5.1. SYMBOL EXPLANATION



**WARNING:** Disregarding these safety rules can cause personal injury or even death.



**CAUTION:** Disregarding these special instructions and safety measures can cause damage to the engine or other components.



**NOTE:** Additional note or instruction for better understanding of an instruction.

## 6. APPENDIX

None.

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