



Optional Service Bulletin
No. OSB-E4-033/1

Austro Engine GmbH
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OPTIONAL SERVICE BULLETIN

No. OSB-E4-033/1
Supersedes OSB-E4-033

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 2400 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

First Issue Date			Rev. No.	Revision Date			Page
05	Jul	2021	01	12	07	2021	1-4



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: $2400 \text{ fh} - \text{OP fh}$
 - 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.

First Issue Date			Rev. No.	Revision Date			Page
05	Jul	2021	01	12	07	2021	2-4



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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

None.

First Issue Date			Rev. No.	Revision Date			Page
05	Jul	2021	01	12	07	2021	3-4

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; Tel: +43 2622 23000 2525).
- For credit information contact Austro Engine GmbH – After Sales Support (e-mail: 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.

First Issue Date			Rev. No.	Revision Date			Page
05	Jul	2021	01	12	07	2021	4-4