



Recommended
Service Bulletin
No. RSB-E4-037/2

Austro Engine GmbH
Rudolf-Diesel-Strasse 11
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RECOMMENDED SERVICE BULLETIN

No. RSB-E4-037/2
Supersedes RSB-E4-037/1

Distribution:	Portal
Date:	11.01.2022

1. BASIC INFORMATION

1.1. SUBJECT

Loctite on Flywheel Hub mounting screws


1.2. ENGINES AFFECTED

Engine affected: E4 Series s/ns as following
Serial Numbers: E4-A engines s/n up to E4-A-06166
E4-B engines s/n up to E4-B-06012
E4-C engines s/n up to E4-C-06139
E4-C engines s/n up to E4-C-156W00016
having Flywheel with less than 600 component flight hours

E4P engines s/n up to E4P-B-06001
E4P engines s/n up to E4P-C-06108
having Flywheel with less than 300 component flight hours

Note: E4-A and E4-B engines having s/n series E4-A-156W(____) and E4-B-156W(____) are not affected by this service bulletin

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1.3. REASON

Flywheels with loose mounting screws have been identified. As precautionary action, Austro Engine recommend to apply thread locker (Loctite 243) to the flywheel hub screws on flywheels with less than 300/600 component flight hours. This recommendation does not apply to flywheels that have already been inspected during scheduled maintenance as Loctite application is included in the pertain Engine Maintenance Manual chapter.

1.4. TIME OF COMPLIANCE

At operator/owner's discretion

1.5. CONCURRENT DOCUMENTS / REFERENCES

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

1.6. OTHER PUBLICATIONS AFFECTED

None

2. TECHNICAL DETAILS

2.1. ACCOMPLISHMENT / INSTRUCTIONS

Remove the Two-Mass-Flywheel according to the Maintenance Manual – Doc. No: E4.08.04 Ch. 85, latest effective issue.

Install the Two-Mass-Flywheel applying Loctite 243 on the flywheel hub screws according to the Maintenance Manual – Doc. No: E4.08.04 Ch. 85, latest effective issue.

2.2. ILLUSTRATIONS

None

2.3. MASS (WEIGHT)

Not affected

2.4. APPROVAL STATEMENT

The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.399

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3. PLANNING INFORMATION

3.1. MATERIAL & AVAILABILITY

Description	Part Name	Manufacturer
Thread locker	Loctite 243	Henkel Adhesives


3.2. SPECIAL TOOLS

Part Description	Tool
Flywheel Locking Tool	

3.3. LABOR EFFORT

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4. REMARKS

NOTE:

- All measures must be carried out by a certified engine station and certified engine mechanics.
- 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. APPENDIX

None

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