



Recommended
Service Bulletin
No. RSB-E4-037

Austro Engine GmbH
Rudolf-Diesel-Strasse 11
A-2700 Wiener Neustadt
Tel: +43 2622 23000
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RECOMMENDED SERVICE BULLETIN

No. RSB-E4-037

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| Distribution: | Portal |
| Date: | 16.12.2021 |

1. BASIC INFORMATION

1.1. SUBJECT

Loctite on Flywheel Hub mounting screws

1.2. ENGINES AFFECTED

Engine affected: E4 Series

Serial Numbers: All E4 engine s/ns having Flywheel with less than 600 FH

All E4P engine s/ns having Flywheel with less than 300 FH

1.3. REASON

Flywheels with loose mounting screws have been identified. As precautionary action, Austro Engine prescribes to apply threadlocker (Loctite 243) to the flywheel hub screws on flywheels with less than 300/600 FH. This requirement does not apply to flywheels that have already been inspected during scheduled maintenance as Loctite application is included in the pertinent EMM 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

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|------------------|-----|------|----------|---------------|---|---|------|
| First Issue Date | | | Rev. No. | Revision Date | | | Page |
| 15 | Dec | 2021 | -- | - | - | - | 1-4 |



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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.

| First Issue Date | | | Rev. No. | Revision Date | | | | Page |
|------------------|-----|------|----------|---------------|---|---|-----|------|
| 15 | Dec | 2021 | -- | - | - | - | 2-4 | |



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3. PLANNING INFORMATION

3.1. MATERIAL & AVAILABILITY

| Description | Part Name | Manufacturer |
|--------------|-------------|------------------|
| Threadlocker | Loctite 243 | Henkel Adhesives |


3.2. SPECIAL TOOLS

| Part Description | Tool |
|-----------------------|---|
| Flywheel Locking Tool |  |

3.3. LABOR EFFORT

0.5 h

| First Issue Date | | | Rev. No. | Revision Date | | | | Page |
|------------------|-----|------|----------|---------------|---|---|-----|------|
| 15 | Dec | 2021 | -- | - | - | - | 3-4 | |

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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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|------------------|-----|------|----------|---------------|---|---|------|
| First Issue Date | | | Rev. No. | Revision Date | | | Page |
| 15 | Dec | 2021 | -- | - | - | - | 4-4 |