1. **BASIC INFORMATION**

1.1. **SUBJECT**

Engine Control Unit

1.2. **ENGINES AFFECTED**

Type: IAE50R-AA

Serial numbers: All engines that have installed an Engine Control Unit (part number R1A-92-000-000) with serial number 1527-90001 up to -90050 unless RDC-E1-003 has already been conducted.

**NOTE:**

The serial number label can be found on the housing of the ECU opposite to the connector. See Figure 1.2 – 1.

![Engine Control Unit](image_url)
1.3. **REASON**

Sensitive electronic components within ECUs as listed in chapter 1.2 could suffer from vibrations and lead to ignition failures or loss of power of the related engine. This MSB ensures fixation of these sensitive electronic components of affected ECUs.

1.4. **TIME OF COMPLIANCE**

During the next 50 hours of operation or within 6 months from the issue date of the Service Bulletin.

1.5. **CONCURRENT DOCUMENTS / REFERENCES**

RDC-E1-003, latest effective issue.

1.6. **OTHER PUBLICATIONS AFFECTED**

None.

2. **TECHNICAL DETAILS**

2.1. **ACCOMPLISHMENT / INSTRUCTIONS**

Affected ECUs (part number R1A-92-000-000) have to be returned to Austro Engine GmbH for implementation of latest issue of RDC-E1-003.

2.2. **ILLUSTRATIONS**

None.

2.3. **MASS (WEIGHT)**

Not affected.

2.4. **APPROVAL STATEMENT**

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

3.1. MATERIAL & AVAILABILITY
None.

3.2. SPECIAL TOOLS
None.

3.3. LABOR EFFORT
Not specified.

3.4. CREDIT
None.

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. 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

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None.