

MANDATORY SERVICE BULLETIN

No. MSB-AE50R-006

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.



Fig. 1.2 - 1

First Issue Date			Rev. No.	Revision Date				Page
20	August	2014	---	---	---	---	1-4	



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.

First Issue Date			Rev. No.	Revision Date				Page
20	August	2014	---	---	---	---	2-4	

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)

First Issue Date			Rev. No.	Revision Date				Page
20	August	2014	---	---	---	---	3-4	

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
20	August	2014	---	---	---	---	4-4	