



Mandatory Service Bulletin
No. MSB-E4-002/3

Austro Engine GmbH
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MANDATORY SERVICE BULLETIN

No. MSB-E4-002/3
SUPERSEDES MSB No. MSB-E4-002/2

1. BASIC INFORMATION

1.1. SUBJECT

Configuration Specification of the E4 Engine

1.2. ENGINES AFFECTED

Type: E4 Engine
Serial numbers: all

1.3. REASON

According the E4 Type Certificate Data Sheet (TCDS), No. E.200, Chapter VI – Note 1, the engine model number may include suffixes to define minor engine changes related to installation specific configurations. These suffixes are declared within this MSB.

1.4. TIME OF COMPLIANCE

Not applicable.

1.5. CONCURRENT DOCUMENTS / REFERENCES

None.

1.6. OTHER PUBLICATIONS AFFECTED

None.

First Issue Date			Rev. No.	Revision Date		Page
13	Feb	2009	3	25	Aug 2020	1-4



2. TECHNICAL DETAILS

2.1. ACCOMPLISHMENT / INSTRUCTIONS

General: E4-**x** , E4P-**x** ... (suffix **x** could be A, B, C, ...)

The following table defines the actual installation configurations of the E4 series.

Model	Serial Numbers	Configuration Specification	Remarks
E4-A	E4-A-00001 and subsequent	Basic Configuration	for SW Versions refer to SB-003
E4-B	E4-B-00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose.	
E4-C	E4-C-00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose; Different Assy Return Line.	
E4P-B	E4P-B-00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose; Increased take-off power.	
E4P-C	E4P-C-00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose; Different Assy Return Line; Increased take-off power.	

First Issue Date			Rev. No.	Revision Date			Page
13	Feb	2009	3	25	Aug	2020	2-4



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The following table provides additional E4 engine configuration produced by WDAE Production Organisation

Model	Serial Number	Configuration Specification	Remarks
E4-A	E4-A-156W00001 and subsequent	Basic Configuration	for SW Versions refer to SB-003
E4-B	E4-B-156W00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose.	
E4-C	E4-C-156W00001 and subsequent	Manifold intake opposite direction; Different connecting angle of turbocharger inlet hose; Different Assy Return Line.	

2.2. ILLUSTRATIONS

None.

2.3. MASS (WEIGHT)

Not affected.

2.4. APPROVAL STATEMENT

3. THE TECHNICAL CONTENT OF THIS DOCUMENT HAS BEEN APPROVED UNDER THE AUTHORITY OF DOA REF. EASA.21J.399.

3. PLANNING INFORMATION

3.1. MATERIAL & AVAILABILITY

Not applicable.

3.2. SPECIAL TOOLS

Not applicable.

3.3. LABOR EFFORT

First Issue Date			Rev. No.	Revision Date			Page
13	Feb	2009	3	25	Aug	2020	3-4



Not applicable.

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).

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
13	Feb	2009	3	25	Aug	2020	4-4