



Recommended  
Service Bulletin  
No. RSB-E4-032/1

Austro Engine GmbH  
Rudolf-Diesel-Strasse 11  
A-2700 Wiener Neustadt  
Tel: +43 2622 23000  
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# RECOMMENDED SERVICE BULLETIN No. RSB-E4-032/1

## 1. BASIC INFORMATION

### 1.1. SUBJECT

Installation of new sensors AEP-00286-901 for BPS (Boost Pressure Sensor)

### 1.2. ENGINES AFFECTED

Engine affected: E4 Series

Serial numbers affected: All engines

### 1.3. REASON

In case a BPS with P/N (part number) E4A-40-000-805 / E4A-40-000-807 must be replaced (if defect).

### 1.4. TIME OF COMPLIANCE

At operator/owner discretion

### 1.5. CONCURRENT DOCUMENTS / REFERENCES

- Maintenance Manual – Doc. No: E4.08.04, latest effective issue
- MM Temporary Revision MM-TR-MDC-E4-555, latest effective issue

### 1.6. OTHER PUBLICATIONS AFFECTED

None

First Issue Date			Rev. No.	Revision Date			Page
17	Jun	2021	01	12	Jul	2021	1-4



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## 2. TECHNICAL DETAILS

### 2.1. ACCOMPLISHMENT / INSTRUCTIONS

For removal instructions of the old sensors, refer to Maintenance Manual – Doc. No: E4.08.04, latest effective issue.

For installation instructions of the new sensors and harness connection, refer to Temporary Revision MM-TR-MDC-E4-555, latest effective issue and Maintenance Manual – Doc. No: E4.08.04, latest effective issue.

No change of software for the EECU is required.

### 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
17	Jun	2021	01	12	Jul	2021	2-4



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### 3. PLANNING INFORMATION

#### 3.1. MATERIAL & AVAILABILITY

Qty	Part Name	Part Number	Manufacturer	Rev. Number
2	Sensor	AEP-00286-901	AE	---
8	Cable Tie	PLT4S-M30	Panduit	---
8	Cable Tie (100 mm) for BPS1 / BPS2 Roundit fixation	PLT1M-M30	Panduit	---
300 mm	Caving Protection for BPS1 / BPS2 Sensor Cable	Roundit2000NX5-5	Roundit	---
2	Repair Kit	E4A-95-R22-000	AE	---
300 mm	Fusion tape for each end of the chafing protection	608036-4 / 608036	TE Connectivity	---
120 mm	As an alternative to fusion tape, a heat shrink with sufficient diameter and shrink rate can be applied.	ATUM SP / TEC-108-120009	TE Connectivity	---

#### 3.2. SPECIAL TOOLS

Part number	Description
-	Cutter knife
-	Hot Air Gun
AD-1377 by TE Connectivity	Crimp tool for Inline crimp
-	Ohmmeter
58423-1 by TE Connectivity	Recommended DIE Set for crimp tool (TE Connectivity)

#### 3.3. LABOR EFFORT

2 h

First Issue Date			Rev. No.	Revision Date			Page
17	Jun	2021	01	12	Jul	2021	3-4



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## 4. REMARKS

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### **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](mailto:service@austroengine.at); Tel: +43 2622 23000 2525).
- For credit information contact Austro Engine GmbH – After Sales Support (e-mail: [service@austroengine.at](mailto:service@austroengine.at); Tel: +43 2622 23000 2525)

## 5. APPENDIX

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None

First Issue Date			Rev. No.	Revision Date			Page
17	Jun	2021	01	12	Jul	2021	4-4