



Recommended  
Service Bulletin  
No. RSB-E4-028/2

Austro Engine GmbH  
Rudolf-Diesel-Strasse 11  
A-2700 Wiener Neustadt  
Tel: +43 2622 23000  
FAX: +43 2622 23000-2711

# RECOMMENDED SERVICE BULLETIN

## No. RSB-E4-028/2

### 1. BASIC INFORMATION

#### 1.1. SUBJECT

Installation of new sensors AEP-00284-901 for OPS (Oil Pressure Sensor) and FPS (Fuel Pressure Sensor)

#### 1.2. ENGINES AFFECTED

Engine affected: E4 Series

Serial numbers affected: All engines

#### 1.3. REASON

New Generation Sensors for OPS / FPS designed to permit safe operation

#### 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-E4-618, latest effective issue

#### 1.6. OTHER PUBLICATIONS AFFECTED

None

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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-E4-618, 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

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### 3. PLANNING INFORMATION

#### 3.1. MATERIAL & AVAILABILITY

Qty	Part Name	Part Number	Manufacturer	Rev. Number
2	Sensor	AEP-00284-901	AE	---
8	Cable Tie	PLT4S-M30	Panduit	---
8	Cable Tie (100 mm) for OPS / FPS Roundit fixation	PLT1M-M30	Panduit	---
300 mm	Caving Protection for OPS / FPS Sensor Cable	Roundit2000NX5-5	Roundit	---
2	Repair Kit	E4A-95-R23-000	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 and 354940-1 by TE Connectivity	Recommended DIE Set for crimping Ring Terminals and Crimp tool (frame) to fit 58423-1 DIE Set

#### 3.3. LABOR EFFORT

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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](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

None

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