

## SERVICE INFORMATION NO. SI 42NG-013

**NOTE:** SI's are used only:  
1) To distribute information from DAI to our customers.  
2) To distribute applicable information/documents from our suppliers to our customers with additional information.  
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 42 NG and DA 42 M-NG aircraft

#### 1.2 Subject:

AE Mandatory Service Bulletin MSB-E4-006  
ATA-Code: 71-50

#### 1.3 Reason:

There is a possibility of cable insulation damage because of wrong installation.

#### 1.4 Information:

For detailed technical information refer to AE MSB-E4-006 which is applicable without any further additions or restrictions.

### II. OTHERS

The AE MSB-E4-006 is attached to this SI.

In case of doubt contact Austro Engine GmbH.



Mandatory Service Bulletin  
No. MSB-E4-006

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# MANDATORY SERVICE BULLETIN

## No. MSB-E4-006

### 1. BASIC INFORMATION

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#### 1.1. SUBJECT

Repair of sensor cable for camshaft sensor of ECU B

#### 1.2. ENGINES AFFECTED

Type: E4-Series

Serial numbers: E4-A-00001 to E4-A-00009  
E4-B-00001 to E4-B-00084

#### 1.3. REASON

There is a possibility of cable insulation damage because of wrong installation.

#### 1.4. TIME OF COMPLIANCE

Next scheduled maintenance.

#### 1.5. CONCURRENT DOCUMENTS / REFERENCES

Austro Engine GmbH work instruction - WI-MSB-E4-006.

#### 1.6. OTHER PUBLICATIONS AFFECTED

Maintenance Manual – Doc. No.: E4.08.04

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## 2. TECHNICAL DETAILS

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### 2.1. ACCOMPLISHMENT / INSTRUCTIONS

During next scheduled maintenance the cable routing of the camshaft sensor of ECU B (CAS2) must be checked for proper routing and damage.

Proper routing, possible damage and referring repair instruction are described in WI-MSB-E4-006.

### 2.2. ILLUSTRATIONS

See WI-MSB-E4-006.

### 2.3. MASS (WEIGHT)

Not affected.

### 2.4. APPROVAL STATEMENT

The technical information or instructions contained in this document relate to the Basic Type Design which has been approved by EASA and to the Design Change Report No. RDC-E4-002 which has been approved under the authority of DOA No. EASA.21J.399.

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

## 3. PLANNING INFORMATION

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### 3.1. MATERIAL & AVAILABILITY

See WI-MSB-E4-006.

### 3.2. SPECIAL TOOLS

See WI-MSB-E4-006.

### 3.3. LABOR EFFORT

Approximately 0.5 hours.

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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. 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.

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