

## OPTIONAL SERVICE BULLETIN

### OSB 40NG-007/1

supersedes OSB 40NG-007

## **I TECHNICAL DETAILS**

### **I.1 Category**

Optional.

### **I.2 Airplanes affected**

Type: DA 40 NG  
Serial numbers: 40.N001 through 40.N014  
D4.301, D4.326

### **I.3 Date of effectivity**

14-Nov-2011

### **I.4 Time of Compliance**

At owners discretion.

### **I.5 Subject**

Installation of a fuel pressure pulsation damper.

ATA-Code: 28-00

### **I.6 Reason**

For the DA 40 NG Series a fuel pressure pulsation damper upstream of the high pressure pump has been introduced to reduce the amplitude of the fuel pressure oscillations at the high pressure fuel pump. This Service Bulletin describes the retrofit installation on airplanes already in service.

### **I.7 Concurrent Documents**

None.

### **I.8 Approval**

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 40-468, which has been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

### **I.9 Accomplishments / Instructions**

Comply with WI-OSB 40NG-007, latest effective issue.

### **I.10 Mass (Weight) and CG**

The change in mass and CG is negligible.

## **II PLANNING INFORMATION**

### **II.1 Material and Availability**

See WI-OSB 40NG-007, latest effective issue.

### **II.2 Special Tools**

None.

### **II.3 Labour Effort**

Approx. 1.5 hours.

### **II.4 Credit**

None.

### **II.5 Reference Documents**

DA 40 NG Airplane Maintenance Manual, Doc. No. 6.02.15, latest effective issue.

## **III REMARKS**

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular that which is not especially described in this Service Bulletin, must be done in accordance with the referenced Maintenance Manual.
3. Completion of all work must be recorded in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.

**EXECUTION REPORT TO  
SERVICE BULLETIN  
OSB 40NG-007/1**

## AIRPLANE DATA

Airplane Serial Number: \_\_\_\_\_

Airplane Registration: \_\_\_\_\_

Airplane Operator: \_\_\_\_\_

Hours of operation of airplane: \_\_\_\_\_

No. of landings: \_\_\_\_\_

Hours of operation-engine \_\_\_\_\_

Typical operation of airplane: private, club, training, other \_\_\_\_\_

\_\_\_\_\_  
Date, Name, SignPlease fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to  
airworthiness@diamond-air.at