

# RECOMMENDED SERVICE BULLETIN

## RSB D4-090/1

supersedes RSB D4-090

### **I TECHNICAL DETAILS**

#### **I.1 Category**

Recommended.

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

Type: DA 40 D

Serial numbers: D4.254, D4.279, D4.280, D4.282 through D4.287,  
D4.296 through D4.399

40.DS005 through 40.DS099

Airplanes with OSB D4-061 using WI-OSB D4-061 up to Rev. 5

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

20-Feb-2013

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

At owners discretion.

#### **I.5 Subject**

Replacement of Manifold Pressure Line Fitting.

ATA-Code: 77-00

#### **I.6 Reason**

An new fitting for the manifold pressure line has been approved, that increases the durability of the manifold pressure line.

#### **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 40-612, 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**

1. Assemble the Manifold Pressure Fittings D4D-7156-11-00 and Fittings P-EVW 3/8 J/C ALU.
2. Remove Cowlings i.a.w. AMM Section 71-10.
3. Replace Manifold Pressure Fittings D4D-7616-10-00 with the assembled new fitting.
4. Inspect map lines for damage and wear.
5. Connect Manifold Pressure Lines.



6. Test all systems in working area for function.
7. Clean working areas, check for foreign objects.
8. Install Cowlings i.a.w. AMM Section 71-10.
9. Make all necessary entries in the airplane logs.

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

No change.

## **II PLANNING INFORMATION**

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

Quantity	Part Number	Description
2	D4D-7156-11-00	Manifold Pressure Fitting
2	P-EVW 3/8 J/C ALU	Fitting
2	05392812003100	Hose clamp

Material is available from Diamond Aircraft Industries.

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

None.

**II.3 Labour Effort**

Approx. 1 hours.

**II.4 Credit**

None.

**II.5 Reference Documents**

DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, 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, particular those that are 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.



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## EXECUTION REPORT TO SERVICE BULLETIN RSB 40-090

### 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, Sign

Please fax the completed form to Fax No. +43-2622-26700-1369 or e-mail to  
airworthiness@diamond-air.at