

OPTIONAL SERVICE BULLETIN

OSB 40NG-022

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 40 NG

Serial numbers: 40.N001 through 40.N151

Airplanes converted to DA 40 NG via OSB D4-080

I.3 Date of effectivity

21-Jul-2014

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Installation of an engine oil quick drain-valve.

ATA-Code: 79-00

I.6 Reason

To simplify oil changes DAI has introduced an engine oil quick drain valve. This Service Bulletin describes the retrofit installation of the drain valve.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisories No. MÄM 40-647/b and MÄM 40-747, which have 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

Make sure AMM-TR-MÄM-40-647 has been incorporated into the AMM.

Drain the engine oil i.a.w. the Engine Maintenance Manual.

Install oil quick drain valve with plug i.a.w. AMM Section 79-00.

Make all necessary entries in the airplane logs.

I.10 Mass (Weight) and CG

The change in mass and CG is negligible.

II PLANNING INFORMATION**II.1 Material and Availability**

D44-9071-06-01	Quick Drain Valve	1 Pc.
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D44-9071-06-02	Plug	1 Pc.
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Material is available from Diamond Aircraft Industries.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 1 hour.

II.4 Credit

None.

II.5 Reference Documents

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

E4 Engine Maintenance Manual Doc. No. E4.08.04, 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-022

AIRPLANE INFORMATION

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