

RECOMMENDED SERVICE BULLETIN

RSB 40NG-051

I TECHNICAL DETAILS

I.1 Category

Recommended.

I.2 Airplanes affected

Type: DA 40 NG

Serial numbers: 40.N001 through 40.N301

DA 40 D Airplanes converted to DA 40 NG via OSB D4-080

I.3 Date of effectivity

24-Oct-2016

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Installation of a chafe protector on the turbocharger intake hose.

ATA-Code: 71-60

I.6 Reason

To protect the turbocharger intake hose against chafing a chafe protector can be installed on the hose. This Service Bulletin describes the installation of the chafe protector on the turbocharger intake hose for 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 40-807, 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

Remove the cowling i.a.w. AMM Section 71-10.

Remove the turbocharger intake hose from the alternate air valve and the turbocharger inlet.

- Open the worm-drive-clamps.
- Pull the hose off.

Inspect the turbocharger intake hose for damage.

Slide the Intake Hose Chafe Protector D44-7166-00-70 centered on the turbocharger intake hose.

Install the turbocharger intake hose onto the alternate air valve and the turbocharger inlet.

- Connect the hose.
- Tighten the worm-drive-clamps.



Clean working areas, check for foreign objects.

Install the cowling i.a.w. AMM Section 71-10.

Check all altered, replaced, repaired parts for proper function.

Test all systems in working area for function.

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

Quantity	Part Number	Description
1	D44-7166-00-70	Intake Hose Chafe Protector

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 0.5 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, 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 RSB 40NG-051

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