
MANDATORY SERVICE BULLETIN NO. MSB 62-038 REV. 0

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes Affected

Type: DA 62

S/N: 62.C001 through 62.C032, 62.C034, and 62.C035

I.3 Date of Effectivity

30 September 2021

I.4 Time of Compliance

At next scheduled maintenance, not later than 12 months from the date of effectivity.

I.5 Subject

Inspection of the fuel filter installation.

I.6 Reason

It has come to Diamond's attention that some DA 62 aircraft may be missing sealing rings in the fuel filter assemblies (located in each nacelle) between the fuel filter body and the fuel filter drain adapter. If left uncorrected, there is potential for fuel to seep out of the fuel filter.

I.7 Concurrent Documents

None.

I.8 Approval

The technical content of this document is approved as part of the type design.

I.9 Accomplishment/Instructions

Comply with WI-MSB 62-038, 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-MSB 62-038, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approximately 30 minutes will be required to accomplish this service bulletin.

II.4 Credit

30 minutes labour and replacement parts.

This estimate is for direct labour performed by a technician, and it does not include setup, planning, familiarization, cure time, part fabrication, or tool acquisition.

II.5 Reference Documents

DA 62 Series Airplane Maintenance Manual, Doc. No. 7.02.25, 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 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 logbook.
4. In case of doubt, contact Diamond Aircraft Industries Inc.



**EXECUTION REPORT TO
SERVICE BULLETIN
MSB 62-038 REV. 0**

AIRPLANE INFORMATION

Airplane Serial Number _____

Airplane Registration _____

Airplane Operator _____

Hours of Operation of Airplane _____

No. of Landings _____

Hours of Operation of Engine _____

Typical Operation of Airplane _____
(private, club, training, other)

Were the sealing rings missing? _____
(yes or no)

Date, Name, Signature

Please e-mail the completed form to Techpubs@diamondaircraft.com.

WORK INSTRUCTION WI-MSB 62-038 REV. 0

I GENERAL INFORMATION

I.1 Subject

Inspection of the fuel filter installation.

I.2 Reference Documents

DA 62 Series Airplane Maintenance Manual, Doc. No. 7.02.25, latest effective issue.

I.3 Remarks

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, in particular which is not especially described in this work instruction, must be done in accordance with the referenced maintenance manual.
3. In case of doubt, contact Diamond Aircraft Industries Inc.

II DRAWINGS, SPECIAL TOOLS & MATERIALS

II.1 Drawings

None.

II.2 Special Tools

None.

II.3 Material

Item	Quantity	Part Number	Description
1	2	DIN 7603 - A 8 x 11.5 Al	Flat sealing ring
2	2	MS20995C-32	Lockwire
3	2	398-212	Heat shrink tube

III INSTRUCTIONS

1. Ensure both engines are secured.
2. Set both fuel selectors to the OFF position.
3. Remove the fuel filter cap. Refer to AMM Section 52-40.
4. Cut the upper lockwire. Refer to Figure 1.

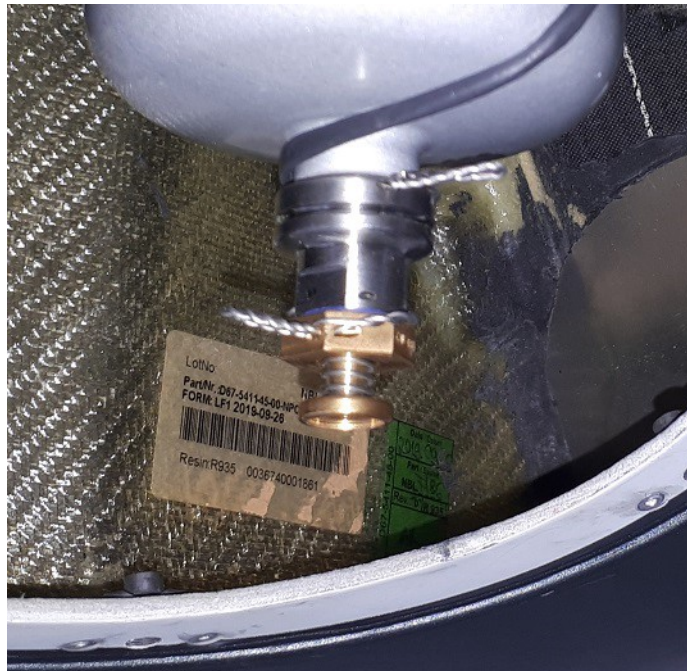


Figure 1. Fuel filter installation showing drain valve and drain adapter.

CAUTION: FUEL WILL DRAIN OUT OF THE FUEL FILTER WHEN THE DRAIN ADAPTER AND VALVE ARE REMOVED.

5. Remove the fuel filter drain adapter and drain valve assembly from the fuel filter body.
6. Check for the presence of a sealing ring (P/N DIN 7603 - A 8 x 11.5 Al).
7. If the sealing ring is missing, install a sealing ring (item 1).
8. If a sealing ring is present, discard the sealing ring. Install a new sealing ring (item 1).
9. Reinstall the drain adapter and drain valve assembly to the fuel filter body. Torque 3-5 Nm.
10. Install a new lockwire (item 2) wrapped in heat shrink (item 3).
11. Repeat steps 3 through 10 for the opposite engine.
12. Clean the working area, and check for foreign objects.

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13. Do an engine run-up.
14. Check for leaks.
15. Check all altered, replaced, repaired parts for proper function.
16. Reinstall the fuel filter cap LH and the fuel filter cap RH.
17. Make all necessary entries in the logbooks.
18. Submit the execution report to Techpubs@diamondaircraft.com.

To obtain satisfactory results, procedures specified in this service bulletin must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft cannot be responsible for the quality of work performed in accomplishing the requirements of this service bulletin. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service bulletin if it is not incorporated.

If you no longer own the aircraft to which this service bulletin applies, please forward it to the current owner, and send the name of the current owner to Diamond Aircraft at the address below.

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