
MANDATORY SERVICE BULLETIN NO. MSB 62-035

I TECHNICAL DETAILS

I.1 Category

Mandatory.

I.2 Airplanes Affected

Type: DA 62

S/N: 62.C020, 62.C021, and 62.C022

I.3 Date of Effectivity

27 Jul 2020

I.4 Time of Compliance

At next maintenance action.

I.5 Subject

Installation of bonding cables.

I.6 Reason

It has come to Diamond's attention that some DA 62 aircraft may be missing bonding cables in their engine nacelles. This service bulletin describes the installation of the missing bonding cables.

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 62-035, 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 62-035, latest effective issue.

II.2 Special Tools

None.

II.3 Labour Effort

Approximately 2 hours will be required to accomplish this service bulletin.

II.4 Credit

2 hours labour.

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 62-035**

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)

Date, Name, Signature

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

WORK INSTRUCTION WI-MSB 62-035

I GENERAL INFORMATION

I.1 Subject

Installation of bonding cables in the engine nacelles.

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	M22759-16-10-9	Cable
2	2	35108-0	Ring terminal (suppressor plate side)
3	2	165028	Ring terminal (relay panel side)
4	As required	-	Nycote 7-11 blue

III INSTRUCTIONS

III.1 Preparation

1. Pull the starter circuit breaker.
2. Prepare the bonding cables:
 - A. Cut item 1 to 900 mm.
 - B. Crimp item 2 onto one end of item 1.
 - C. Crimp item 3 onto the other end of item 1.
 - D. Repeat for the other bonding cable.
3. Open the access panels as shown in Figure 1.



Figure 1. Access panels to remove.

4. Install the end of the bonding cable with item 2 to the location shown in Figure 2, i.e. the smaller ring terminal attaches to the suppressor plate. Use Nycote 7-11 blue.
5. Route the bonding cable through the grommet shown in Figure 2.
6. Install the other end of the bonding cable to the location shown in Figure 3. Use Nycote 7-11 blue.
7. If there is excess length in the bonding cable, tie it into a bundle.
8. Install the access panels.

9. Repeat steps 1 through 8 for the opposite nacelle.
10. Reset the starter circuit breaker.
11. Clean the working areas, and check for foreign objects.
12. Check all altered, replaced, repaired parts for proper function.
13. Make all necessary entries in the logbooks.
14. Submit the execution report to Techpubs@diamondaircraft.com.

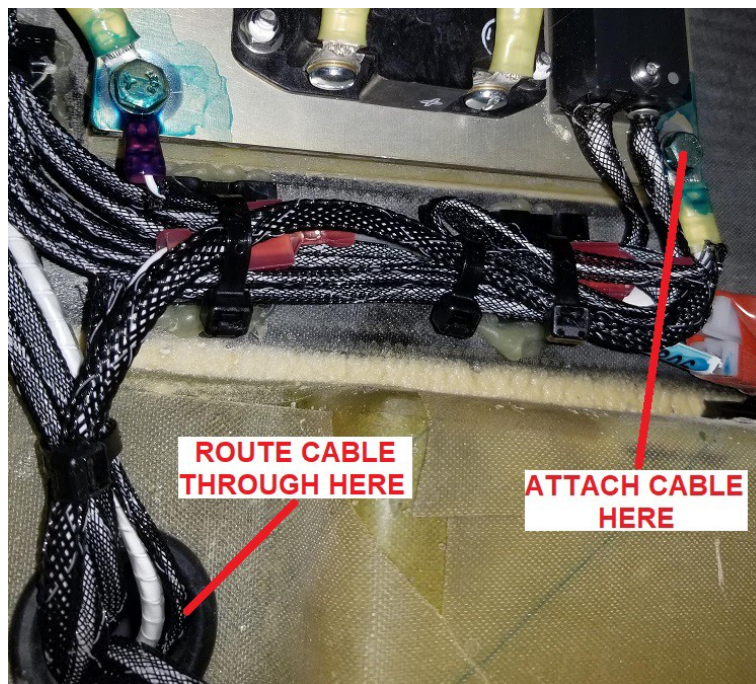


Figure 2. Suppressor plate seen looking forward into the nacelle through the aft access panel.

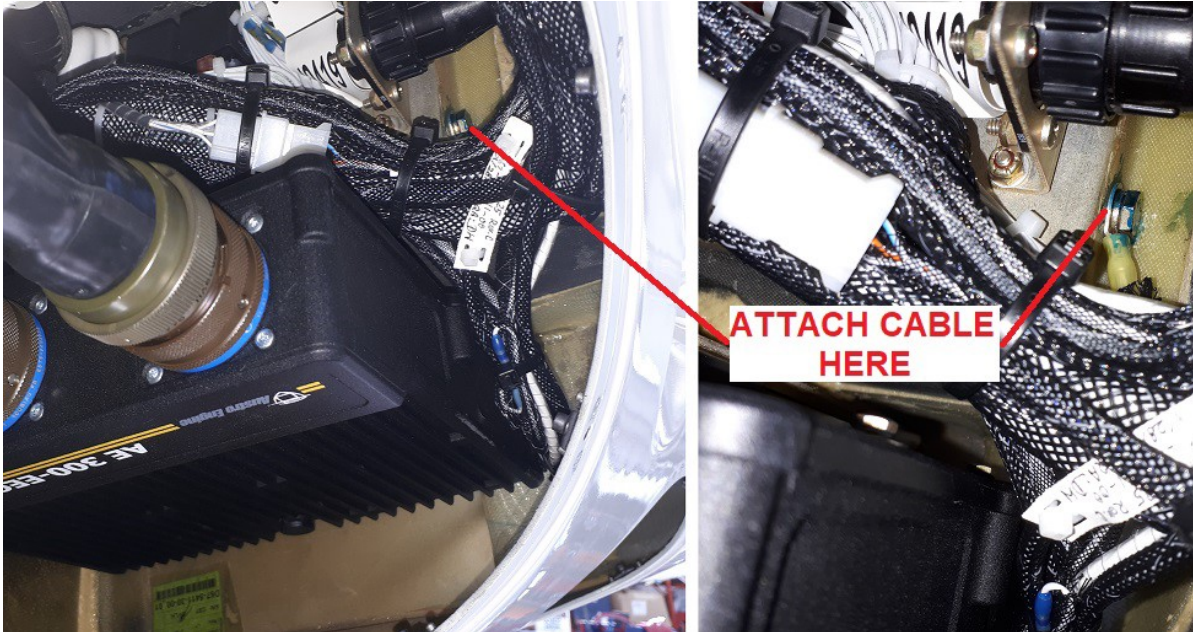


Figure 3. Left: relay panel seen looking aft into the nacelle through the forward access panel. Right: zoomed view.

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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