
OPTIONAL SERVICE BULLETIN NO. DAC1-74-04 REV. 0

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes Affected

Type: DA 20-C1

S/N: All

I.3 Date of Effectivity

01 September 2022

I.4 Time of Compliance

At owner's discretion.

I.5 Subject

Installation of the Yuasa NP1.2-12 starter vibrator battery and battery tray.

I.6 Reason

Diamond Aircraft has approved the installation of the Yuasa NP1.2-12 starter vibrator battery. This service bulletin describes replacing the older Panasonic battery installation with the newer Yuasa installation.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information and instructions contained in this document are approved as part of MOD0344, which has been approved as part of the type design.

I.9 Accomplishment/Instructions

1. Remove the starter vibrator battery. Refer to AMM Section 80-00-00.
2. Drill out the rivets securing the battery bracket to the firewall.
3. Remove the battery bracket assembly from the aircraft.
4. Position the new battery bracket and battery clamp onto the firewall.
5. Install the new battery bracket using rivets.

Diamond Aircraft Industries
OPTIONAL SERVICE BULLETIN
Model DA 20-C1



6. Install the battery pad.
7. Install the new battery. Refer to AMM Section 80-00-00.
8. Clean working areas, and check for foreign objects.
9. Check all altered, replaced, and repaired parts for proper function.
10. Test all systems in working areas for proper function.
11. Make all necessary entries in the logbooks.
12. Submit the execution report to Techpubs@diamondaircraft.com.

I.10 Mass (Weight) and CG

The change in mass and C.G. is negligible.

I.11 Electrical Load Data

No change.

II PLANNING INFORMATION

II.1 Material and Availability

Item	Quantity	Part Number	Description
1	1	NP1.2-12	Battery
2	1	22-7432-00-01_01	Battery bracket
3	1	22-7432-00-03	Battery pad
4	1	22-7432-10-00	Battery clamp
5	4	SSD42SSBS	Rivet

II.2 Special Tools

None.

II.3 Labour Effort

Approximately 1 hour will be required to accomplish this service bulletin.

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.4 Credit

None.

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OPTIONAL SERVICE BULLETIN
Model DA 20-C1



II.5 Reference Documents

DA 20-C1 Aircraft Maintenance Manual Doc. No. DA201-C1, 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.

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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EXECUTION REPORT TO SERVICE BULLETIN DAC1-74-04 REV. 0

AIRPLANE DATA

Airplane serial number _____
Airplane registration _____
Airplane operator _____
Hours of operation of airplane (TSN) _____
Typical operation of airplane private, club, training, other: _____

MAINTENANCE DATA

Date of maintenance _____
Maintenance carried out by _____
During scheduled inspection? Yes ☐ No ☐

Name Signature Date

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