

Cub Crafters, Inc. Considers Compliance Mandatory

EFFECTIVE DATE: This Service Bulletin is effective September 15, 2026.

SUBJECT: ROTAX FUSEBOX CONNECTOR SEAL INSPECTION AND REPLACEMENT

SERIAL NUMBERS AFFECTED: CC11-01001 thru CC11-01005.

COMPLIANCE TIME: Inspection by an A&P mechanic or Rotax trained technician must be performed within the next 50 hours or at the next conditional/annual inspection. Cub Crafters considers compliance with this service bulletin mandatory for LSA aircraft.

PURPOSE: CubCrafters has found that the rubber seals on the fusebox connectors have potentially been incorrectly installed or missing altogether. The purpose of this Service Bulletin is to ensure that the fusebox seals are inspected and correctly installed to enable a good connection between plug and socket.

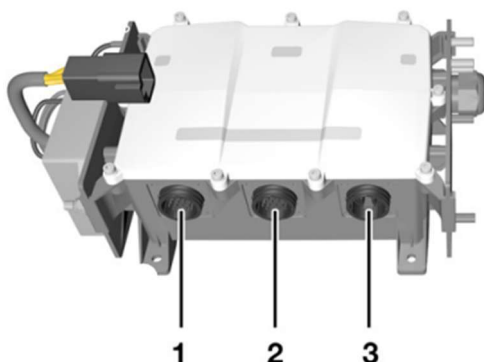
WARRANTY: Aircraft under warranty will receive up to 0.5 hours of labor for inspection and up to 1 hours of labor cost if adjustment work is performed at a Cub Crafters Authorized Service Center. Please contact Cub Crafters Customer Support for assistance.

PARTS LIST:

<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY</u>
SP56102-001	Fusebox Gasket Seal, Rotax	3

INSTRUCTIONS:

1. Read all instructions before beginning any work.
2. Remove the upper cowling per the AMM.
3. On the fusebox, located on the upper firewall, disconnect the X1 connector from its socket as shown in Fig. 1.



1. X1 Connector
2. X2 Connector
3. X3 Connector

Figure 1. Fusebox

Cub Crafters, Inc. Considers Compliance Mandatory

4. Inspect the male side connector for the misplaced or missing rubber seal. If misplaced, it will be located in the gap in the connector, indicated in Fig. 2.



Figure 2. Male side fusebox connector. (Rubber seal location highlighted in yellow for clarity)

5. Remove the misplaced rubber seals using a pick or another thin tool.
6. Install SP56102-001 INTO the X1 connector on the fusebox side as shown in Fig. 3. If it is difficult to get the seals in place, it is acceptable to put a small dab of DC4 or equivalent on the seal to help it stay up in the fusebox connector while plugging it into the box.

Cub Crafters, Inc. Considers Compliance Mandatory



Figure 3. Fusebox connector with seal. (Rubber seal location highlighted in yellow for clarity)

- 7.** Connect the X1 cable into the corresponding plug in the box, ensuring that the connector enters the plug straight, as it is possible to install it crooked. Screw the lock ring tight, and repeat several times to ensure the connector is fully secure
- 8.** Repeat steps 3-7 for the X2 and X3 connectors.
- 9.** Re-install the cowling per the AMM.
- 10.** Perform an operational check, including a ground run, to ensure that the work was performed correctly and all electrical components are operational.
- 11.** Make logbook entry stating that SB00041 Rev NC was complied with. There is no change to weight & balance.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify Cub Crafters, Inc. Contact the customer service department at:

Cub Crafters, Inc.
1918 S. 16th Avenue
Yakima, WA 98903.
1-509-248-9491 or 1-877-484-7865
support@cubcrafters.com



SERVICE BULLETIN

SB00041

Rev NC

Page 4 of 4

Cub Crafters, Inc. Considers Compliance Mandatory

Please include the aircraft registration number, serial number, current name, and address of the owner and/or operator.