

solo AIRCRAFT ENGINES GMBH Industriestrasse 9 D-71069 Sindelfingen	Service Bulletin E.237 – 7 Electric Propulsion system 8000 Series	Seite 1 von 3
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TCDS EASA E.237

Engine type: Solo 8000 / 400

Subject: IMD replacement

Applicability: All gliders fitted with the SOLO Electric propulsion system 8000 / 400 series.

Reason: A new model of the Isolation Measuring Device is introduced with System SOLO 8000 / 401, which replaces the old one version in case of damage or a necessary repair.

Both versions can be used together with the system SOLO 8000 / 400, the usage of the old version with SOLO 8000 / 401 is not possible.



Figure 1: old version



Figure 2: new version

Compliance: Service Bulletin must be complied with in case of any damage or necessary repair to the IMD.

Instructions: Verify that the software version is equal or higher than:

- 8000 / 400 : DCU SW ver 1.01

Action1: The following instructions must be followed, if the firmware of the DCU is Version 1.0 or less:

1. Request the Flash Tool from SOLO Aircraft Engines GmbH
2. Request the Firmware from SOLO Aircraft Engines GmbH
3. Request the Firmware Update Documentation
4. Perform the Firmware Update iaw. the above received documentation

Datum / Date: 28.09.2025	Issue: 0	Responsible Person M. Maul
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Action 2: The following instructions should be followed to change the IMD:

1. Request a new IMD from SOLO
2. Perform installation by replacing the current crimp contacts with new crimp contacts supplied by SOLO
3. Contact your aircraft dealer for spare parts for fixation of the device inside the airframe.

Material: IMD
Crimps for IMD

Notes: For Action 1 the work must be conducted and released by an appropriately approved organization or personnel by Solo

For Action 2 the work must be conducted and released by an appropriately approved organization or personnel.

Attention!

This system contains EMI-sensitive components and high-voltage power lines up to 400 V DC. Accidental contact with these lines can result in serious injury or damage.

Before performing any work, ensure that appropriate safety precautions are in place to protect personnel and equipment from exposure to high voltage and electromagnetic interference.

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Declaration of Alteration

Hinweis bitte senden Sie den unteren Abschnitt an Solo Aircraft Engines GmbH zurück, sofern die TM erstmal oder zum wiederholten Male durchgeführt wird.
 Note please submit the record below to Solo Aircraft Engines GmbH if the SB is being carried out for the first time or for the repeated time.

----- SNIP -----

I hereby declare that the aircraft owned by

Name: _____

Address: _____

City / Town: _____

Country: _____

Aircraft SN: _____

AC Callsign: _____

has been altered in accordance with this instruction on

Date : _____

DCU update performed ☐

IMD replaced ☐

Name of Certifying Staff/Owner : _____

Signature: _____

License No: _____

Send this record to:

Solo Aircraft Engines GmbH
 Industriestrasse 9
 D-71069 Sindelfingen (Germany)
 E-Mail: aircraft@solo-germany.com

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