



SERVICE BULLETIN

PRIORITY 1 - SAFETY

Service Bulletin No. / Date: SB TMG 601-1013 P1, Initial Issue / March 13, 2019

Subject: Starter Circuit Breaker (10 Amps.).

Type affected: Cessna C172-S with TAE 125-02-114.

Models affected: Following aircraft serial numbers:

172S11704 ; 172S11732 ; 172S11733 ; 172S11734 ; 172S11735 ;
172S12003 ; 172S12015 ; 172S12028 ; 172S12049 ; 172S12053 ;
172S12054 ; 172S12057 ; 172S12058 ; 172S12064 ; 172S12078 ;
172S12082 ; 172S12084 ; 172S12085 ; 172S12119 ; 172S12125 ;
172S12132 ; 172S12138 ; 172S12142 ; 172S12150 ; 172S12159 ;
172S12166 ; 172S12182 ; 172S12187 ; 172S12190 ; 172S12192 ;
172S12212 ; 172S12216 ; 172S12244


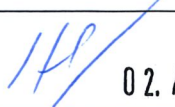
Classification: Category P1 – SAFETY

Time of Compliance: Within the next 50 flight hours or with the next maintenance inspection, whichever occurs first.

Reason: Verification of correct installation.

Technify Motors GmbH noticed that in some cases the 10 Amps STARTER Circuit Breaker is not installed as required per Installation Manual IM-20-02S R/S G1000. Instead, a 5 Amps Circuit Breaker is installed or reused. The 5 Amps CB is not sufficient to protect the circuit during engine start, especially during cold engine start.

During normal procedures (starting on ground) a disengaging of the CB is not critical. However, during emergency procedures like restart in flight a disengaged CB can cause to a higher workload for the pilot. Thus, the installed CB has to be verified and replaced if necessary

<p>Checked</p> <p>B. Metzdorf, CVE</p> 	<p>Approved</p> <p>M. Heinrich, Office of Airworthiness</p> 
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02. APR. 2019



Correction:

1. Verification:

- Verify if a 10 Amps STARTER Circuit Breaker is installed. Refer to figures below for the position of the CB.
- If a 10 Amps CB is installed the aircraft has been correct retrofitted.
- If a 5 Amps CB (or other) is installed the aircraft has **not** been correct retrofitted. The installed CB must be replaced. Refer to step 3.



*Position of the STARTER CB
(depending on installed CB-Panel)*



2. Modification:

Parts:

Item	Part Number	Description 1	Description 2	Qty.
1	NE-0000-00428 01	Circuit Breaker	10A	1

- ◆ **Note:** Please contact the technical support of Technify Motors GmbH for providing the required 10 Amps CB.
- Disconnect all batteries
- Remove the installed STARTER CB in accordance with the original Aircraft Maintenance Manual.
- Install NE-0000-00428 01 in reversed order.
- Check the correct function of the CB (engaged / disengaged) via continuity tester.
- Reconnect all batteries.
- Start the engine according to POH.



**Technify
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SB TMG 601-1013 P1

Remarks: In case of uncertainties during the verification or installation please contact the technical support of Technify Motors GmbH.

support@continentaldiesel.com

Approval: The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010.

Appendix: ---