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SB TMG 125-1018 P1, Rev. 1

## SERVICE BULLETIN

### PRIORITY 1 - SAFETY

**Service Bulletin No. / Date:** SB TMG 125-1018 P1, Revision 1 / February 05, 2015

**Subject:** Start Monitoring Loom and Mapping

**Type affected:** TAE 125-02-99 and TAE 125-02-114

**Models affected:** All engines with Dual Mass Flywheel (DMF)

**Classification:** Category P1 – SAFETY

**Time of Compliance:** Measures have to be accomplished within the next 100 flight hours or with the next inspection, whichever occurs first.

**Reason:** Cases of a broken gearbox drive shaft were reported to Technify Motors GmbH. Investigations showed a possible overload of the gearbox drive shaft during starting of the engine or during restarting of the engine in-flight.

**Correction:**

- Installation of a start phase monitoring system in accordance with IM-02-02, Chapter 13.08.16, Issue 4, Revision 1 or later approved revisions.
- Installation of the latest Firmware / Software Mapping in accordance with TM TAE 000-0007 Revision 28 or later approved revisions.

- ◆ **Note:** Please observe applicable published aircraft service bulletins for further instructions:
- SB TMG 601-1007 P1, revision 3 or later approved revisions (for Cessna 172)
  - SB TMG 651-1004 P1, revision 2 or later approved revisions (for Piper PA28)
  - SB TMG 691-1002 P1, revision 2 or later approved revisions (for DA40 D with TAE 125-02-114 engine)
  - MSB D4-097/2 or later approved revisions (for DAI DA40 D)
  - MSB 42-109/1 or later approved revisions (for DAI DA42)
  - SB 141201, revision 1 or later approved revisions (for DR400)

Checked B. Metzdorf, CVE	Approved D. Hartung, Office of Airworthiness
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**Replaces Service Bulletin No. / Date:**  
SB TMG 125-1018 P1, Initial Issue / December 02, 2014

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- **CAUTION:** Compliance with the Service Bulletins listed above is necessary! Compliance with previous revisions does not constitute compliance with this SB.
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**Remarks:**

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**Approval:**

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