

MORE BENEFITS WITH WABCO TRAILER EBS VERSION E5.3

From October 2017, WABCO will continue the success story of Trailer EBS E with version TEBS E5.3. The new version provides functional updates.

All part numbers will stay the same. The new modulator is identical to the current versions in terms of installation and braking function.

Overview

- New functions – TEBS E5.3
- Diagnostic Software
- Marking and identification of the modulator
- Combination with Electronic Extension Module and SmartBoard
- Compatibility with older vehicles



TEBS E5.3 modulator with PEM (Pneumatic Extension Module)

NEW FUNCTIONS – TEBS E5.3

Function	Benefit
SafeStart with parameterizable speed threshold	Provides flexibility for customers that have different requirements on trigger speed for braking or regions that have different legal requirement, e.g. for Turkey
SafeStart with Standard	Allows Trailers with TEBS E Standard to use SafeStart function with service brake.
OptiLink™	Modulator from production will directly support OptiLink. It saves the effort to flash the modulator in the production line.
OptiLink compatibility with FCF	It is possible to parameterize an FCF with OptiLink only. FCF functions can now be realized even when no SmartBoard is mounted.
Agricultural Patch	New parameter for “Standstill function” is introduced to have more comfortable brake performance at very low speed.
Agricultural Patch	New parameter for “Quick response of brake without CAN” is introduced to have better comfortness on agricultural vehicles.

For detailed information of the functions please find the [TEBS E System Description](#), which will be published in the near future.

DIAGNOSTIC SOFTWARE

To set parameters for TEBS E5.3, you will need the TEBS E Diagnostic Software version 5.3 (or higher). German and English are available from the installation package. Further languages will follow.

The new software is available for download in [MyWABCO](https://www.am.wabco-auto.com/mywabco) (https://www.am.wabco-auto.com/mywabco) up from CW31/2017 (v. 5.30). You will be informed about the new software in other languages by using the [Diagnostic Software Newsletter](#).

A new PIN and training is not needed. Old ECU files can be used in TEBS E5.3 directly.

MARKING AND IDENTIFICATION

Identification

A green adhesive mark will be attached to the packaging for a temporary period for easy identification of the TEBS E5.3. The version of the TEBS will also be shown on the name plate of the modulator.



Production date

Start of production of TEBS E5.3 is middle of CW42/2017. All modulators from CW43/2017 onwards are guaranteed to be version E5.3



Diagnosis

The diagnostic identifier in the ECU data contains the value E5.3.

ODR Tracker

The current version of ODR Tracker (V4.41) is needed.

COMBINATION WITH ELECTRONIC EXTENSION MODULE AND SMARTBOARD

Devices with production after June 2017 are fully compatible with the new functions of version TEBS E5.3.

The below table shows the detailed information when some component in the system is not updated to the latest version.

Product	Product number	Diagnostic identifier	Software version	Production date
Electronic Extension Module TailGUARD ECU	446 122 070 0 446 122 071 0	7C000400	EX010409	20/2017
SmartBoard	446 192 11x 0	79000201	SB010702	37/2015

COMPATIBILITY WITH OLDER VEHICLES

Trailer EBS E5.3 is downwards compatible to TEBS E4 and can replace E4 versions of the modulator. For further compatibility information regarding older version, please refer to the [TEBS E System Description](#).

Components such as Trailer Remote Control, Electronic Extension Module or the SmartBoard do not need to be replaced, provided the functional range of the system is not changed.

The current Diagnostic Software (v 5.30 or later) is needed for initial start-up.

More information on [Intelligent Trailer web page](#) (www.wabco-auto.com/intelligenttrailer). Stay up to date, subscribe to our newsletter [registration](#).