

## NEW TRAILER EBS VERSION E5.5

From November 2018, WABCO will continue the success story of Trailer EBS E with version TEBS E5.5. The new version provides functional updates.

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

### Overview

- New functions – TEBS E5.5
- New pole wheel installation guideline
- Diagnostic Software
- Marking and identification of the modulator
- Combination with Electronic Extension Module and SmartBoard
- Compatibility with older vehicles



TEBS E5.5 modulator with PEM (Pneumatic Extension Module)

## NEW FUNCTIONS – TEBS E5.5

Function	Benefit
<b>Increase limits for pole wheel teeth</b>	Allow TEBS E to work with vehicles with bigger wheels, e.g. Agriculture vehicles
<b>Externally controlled lifting axle status for ODR data</b>	New parameter that allows TEBS E to detect the status of lifting axles not controlled by TEBS E and display a correct total axle load in the system
<b>ECAS: Return to last saved level</b>	Improved control algorithm of "ECAS:Return to last saved level" function
<b>OptiLink™</b>	New parameter to allow the user to change the WiFi strength A default WiFi password is set by the Diagnostic Software
<b>Special functions for special vehicles</b>	New parameter for special vehicles for more comfortable braking performances under certain conditions

For detailed information of the functions please find the latest [TEBS E System Description](#).

## NEW POLE WHEEL INSTALLATION GUIDELINE

For sheet metal pole wheels, WABCO requires an air gap of 0.5 mm between sensor and pole wheel in order to avoid disruptions to the wheel speed signal due to brake vibrations.

## DIAGNOSTIC SOFTWARE

To set parameters for TEBS E5.5, you need the TEBS E Diagnostic Software version 5.5 (or later).

The new software is available for download in [MyWABCO](https://www.am.wabco-auto.com/mywabco) (https://www.am.wabco-auto.com/mywabco) from CW45/2018 (v. 5.50). The [Diagnostic Software Newsletter](#) informs you about the new software in other languages.

The basic Diagnostic Software for TEBS E V5.50 is in German. Please install the basic software and then the language package. The software is automatically switched to the last installed language.

A new PIN and training are not required. Old ECU files can be used in the TEBS E5.5 diagnostic software.

## MARKING AND IDENTIFICATION

### Identification

A green adhesive mark will be attached to the carton box for a temporary period (3 weeks) for easy identification of the TEBS E5.5. The TEBS version will also be shown on the name plate of the modulator ECU.

### Production date

Start of production of TEBS E5.5 is the middle of CW 48/2018. All modulators from CW 49/2018 onwards are guaranteed to be version E5.5.

### Diagnosis

The diagnostic identifier in the ECU data contains the value E5.5.

The TEBS version will also be shown on the name plate of the modulator ECU.

### ODR Tracker

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



## COMBINATION WITH ELECTRONIC EXTENSION MODULE AND SMARTBOARD

Devices manufactured after June 2017 are compatible. The table below shows the detailed compatibility information.

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 11. 0	79000201	SB010702	37/2015

## COMPATIBILITY WITH OLDER VEHICLES

Trailer EBS E5.5 is downward compatible to TEBS E4 and can replace the E4 versions of the modulator. For further compatibility information regarding older versions, 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 Diagnostic Software (V5.50 or later) is required for initial start-up.

More information on [Intelligent Trailer web page](http://www.wabco-auto.com/intelligenttrailer) (www.wabco-auto.com/intelligenttrailer).