

Trailer EBS E enters the next round

From January 2012 WABCO continues its Trailer EBS E success story with version **TEBS E2.5**. The new version provides new innovative solutions for your trailer.

The new modulator is identical to previous versions in terms of installation and function. The following innovations are implemented in addition:



New functions - TEBS E2.5	
Function	Benefit
Trailer Safety Brake	Automatically brakes the truck-trailer combination during loading or unloading to prevent movement. Examples: dumper with raised dumping body, tanker with open fuel door.
GIO operating hours meter	A meter that records the times at which GIO functions (such as a live bottom discharger) or GIO components (such as a lifting axle valve) are operated. A service signal can be configured for a specific vehicle to indicate to the freight forwarder that maintenance work needs to be carried out.
Update TailGUARD	Two new configuration options optimise the reverse monitoring system and provide a high degree of flexibility for assembly. Initial start-up of the system has also been simplified.
ECAS 2-point control update	ECAS 1-point valves with integrated throttle can be used for 2-point control of drawbar vehicles.
Trailer Remote Control update	Trailer Remote Control can be used to operate additional functions from the driver's cabin.
4S/3M multivoltage	A 12 V EBS-relay valve with the number 480 207 202 0 is now available for multivoltage operation and enables 4S/3M operation.
Road Train diagnostics	Access to several TEBS E using just one diagnostic connection. This permits faster testing of the road trains and/or faster EOL processing.
OptiLoad Update	An additional characteristic curve for lifting axle control further improves control of the OptiLoad function.
eTASC	This new combination of TASC and ECAS solenoid valve combines the simple operation of a rotary slide valve with the sophisticated air suspension control function through TEBS E.

Installation in older vehicles

WABCO will switch production of all modulators within the next few weeks to the new version. This means that the new version will also be available to the aftermarket. Replacement is simple since the modulators are fully downward compatible. The workshop requires the current version of the Diagnostic Software however. Here you can find out more [on this subject](#).

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Defining features of the new modulators

During the transitional period the modulator and new packaging will be marked with a green dot. By construction week 01/2012 at the latest, all devices will correspond to the new version. The modulator's serial number is another indication. This [document](#) lists the TEBS E variants with their respective version.

The Diagnostic Software can also be used to identify the version via the ECU data. The diagnostic identifier of the new version includes a reference to E2.5.



Requirements for other system components

The software for the electronic extension module, Trailer Remote Control and SmartBoard must be up to date in order to use the new functions. When replacing the modulator in older vehicles, the components only need to be adapted if the new functions are to be used.

The table below shows the defining features of currently produced models

Product	Product number	Diagnostic identifier	Production date
Electronic expansion module (ELEX)	446 122 070 0	EX010210	> 47/2011
Trailer Remote Control	446 122 080 0	ED010204	> 43/2011
SmartBoard	446 192 11x 0	SB010506	> 47/2011

More information

We will inform you about the innovative eTASC separately.

To experience our new functions for real, please come along to one of our Experience Days. Simply register for one of the dates offered or contact us to make an individual appointment at <http://www.wabco-auto.com/experienceday2011>

Please also visit our Intelligent Trailer web page: <http://www.wabco-auto.com/intelligenttrailer> and order our newsletter: ["Keep me up to date!" - Registration](#)

