

New Diagnosis TEBS 5.11 Required as of December 2004!

From the middle of December 2004, trailer EBS modulators with a new software build will be exclusively manufactured (variants 480 102 101 0, 480 102 014 0 and 480 102 015 0). As essential innovation, the new RSS system for drawbar trailers will be integrated.

At the same time the diagnosis identification will be changed so that the trailer EBS diagnosis software 4.00 will no longer function on these modules.

You will need the current diagnosis software version 5.11 in order to diagnose and operate modulators of this new version

Here a summary of major changes:

A. Diagnosis through ISO 7638 (CAN)

Starting from this diagnosis version, you may carry out diagnosis via CAN. For this purpose, interconnect an ISO 7638 disconnecting adapter between flexible spiral cable of the towing vehicle and the ISO 7638 socket.

1. Possibility:

For this purpose, connect ISO 7638 disconnecting adapter **446 300 360 0** as well as CAN converter **446 300 470 0** to the ISO socket 7638. You may continue using the old diagnosis interface.

2. Possibility:

Employment of ISO 7638 disconnecting adapter **446 300 360 0** as well as new diagnosis interface with USB interface and 24 V CAN **446 301 022 0** as well as new CAN diagnosis cable **446 300 361 0**.

First of all, the CAN diagnosis offers advantages at the moment when the vehicle manufacturer starts operation. The diagnosis socket, however, should be continued being fitted in any case.

B. Commissioning

Commissioning was revised and time for passage reduced. There are new points for commissioning that may be tested selectively. The result is recorded on the EOL log.

- Test of stop light supply
- Test of lifting axle function (for all variants except 480 102 015 0)

C. RSS for Drawbar Trailer

RSS may be enabled for drawbar trailers as from diagnosis identification 0B010303 (from 01/2005). This requires an additional pressure sensor on axle e,f and the sensor has to be connected to I/O 1. Parameter setting is carried out automatically when selecting "RSS for drawbar trailer". If no additional axle load sensor is fitted then this is indicated as fault.

D. Operating Data Memory ODR

You may read out content of the operating data memory under this menu option (Operating Data Recorder), display it and store it for sending it to the Internet page TrailerServiceOnline.de. The ODR can be cleared and you may assign a password.

E. Commissioning After Field Parameter Setting

Until now, you had to perform new commissioning (e.g. synchronizing a tractor-trailer combination) following any change of parameters since otherwise the warning lamp would continue to signal "ON". This has been changed as follows:

- System parameter modifications (1st page), e.g. converting vehicle from 2S/2M to 4S/2M) => EOL bit is set, warning lamp is "ON" and new commissioning is required
- Modification of remaining parameters (page 2, 3 and 4) => no new commissioning required. There will be only the message that commissioning ought to be performed but the warning lamp will stay "OFF".

F. EBS System Label

System labels for 5-axle vehicles can also be printed.