

10/2024

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Trailer EBS-E Version 7.00 Diagnostic Software Available To Download



Trailer EBS-E Version 7.00 Diagnostic Software Available To Download. ZWM – 010 10/2024

Trailer EBS-E, Version 7.00 diagnostic software is now available to download from the My Diagnostics section of the WABCO Customer Centre (WCC) website.

It is important to keep all of your WABCO System Diagnostics up to date to ensure that you can communicate with all new / up-to-date products / systems that are available.

The web address for WABCO Customer Centre is as follows: https://www.wabco-customercentre.com/catalog/en_AU

If you have lost or forgotten your username and password, please contact ZF Services Australia on 02 9679 5555.

To access the download section, ensure you are logged into your account. From the My Dashboard page, click on "Download Software". Alternatively, if you are on the WCC homepage click on "Customer Centre" in the top left corner, or "My Orders" above the search bar. Select "Diagnostics" or "My Diagnostics".



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Click on "Download Diagnostic Software". If you don't see any software on your account, contact ZF Services Australia on 02 9679 5555. Select TEBS-E in the Software drop-down menu and set your language to English, then click "Show".

You will then see the latest version of Trailer EBS-E Diagnostic Software appear, in this case, version 7.00. It will also have product number 246 301 588 0 against it.

Note: TEBS-E v7.00 is a two-part download. You will need to download and install the base software first (item line #2 with German flag), then download and install the English language pack (item line #1 with US/UK flag).

Click on the save icor	🛛 🔜 next to the part	number of TEBS-E to	start the download.
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My Diagnostics						
Software Search	WABCO Diagnostic Software Subscription – Download software					
Activate Software	On this site you can download diagnostic software. With the search form you are able to narrow down the list					
Allocate Your Pin	To download multiple programs at once please click here.					
Download Diagnostic software	Software: TEBS-E V					
Special Content Download	Language: English V					
	hide old versions:					
Have the New 7F [pro]Diagnostics Solution?	show					
	You can find detailed instructions here.					
Subscription Management >	show 10 ✔ items per page OK					
	# Software Version Language Product number					
	1. TEBS-E Language Pack 7.00 🕕 🖓 🛒					
	2. TEBS-E Base software 7.00 🕕 🗹 🚰 246 301 588 0 🚏 😡					
	found: 2 software program(s)					
	 Part of the full package (246 301 900 0) Part of the trailer package (246 301 901 0) Part of the bus package (246 301 902 0) Part of the truck package (246 301 904 0) Part of the light truck package (246 301 804 0) Part of the diagnostic package (246 301 805 0) Part of the diagnostic package "india only" (246 301 807 0) Part of DIAG SW pack (USA only) (246 301 806 0) Part of DIAG SW pack (South America only) (246 301 827 0) 					

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What's New?

6-Digit PINs

Your current 4-digit PIN and PIN2 codes will no longer work with v7.00 diagnostic software. If you hold a current PIN or PIN2 for TEBS-E, you will have already received an updated 6-digit PIN code that works with the new software, this new code will be alpha-numeric. Example of PINs below (not real PINs):

Please check the PIN version of your software to determine which PIN you need to use. V7.00 diagnostic software will only accept PIN version 300.

A TEBS-E Diagnostic Software (en) V7.00 246 301 588 0 LIC 6 PIN: 300								
Diagnosis Start-up Messages	Control Measure	d values – Syste	m Tools	ODR	Options			
		~ D	R					
ECU DATA TEBS-E								
Device number:					1			

PIN Information

		÷		
Software Name	User ID	PIN Version	PIN	PIN 2
TEBS-E	123456	300	-	8f1he3
Previous PIN Versions		200	-	FJEO
Previous PIN Versions		100	-	PEKT

If you have not received your new 6-digit PIN yet, or you have lost your PIN, please contact ZF Services Australia on 02 9679 5555.

Elimination of Trailer Remote Control (TRC)

TEBS-E v7.00 will no longer support the trailer remote control. This is due to the implementation of the new Software Update Management System (SUMS), in conjunction with UN ECE R156.

The TRC will still work with TEBS-E ECUs from v2.00 up to v6.5.

Note: You must have ELEX for the TRC to work.



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Elimination of External ECAS

With TEBS-E v4.00 up to TEBS-E v6.50, the external ECAS is only supported by the TEBS-E Multi-Voltage modulator. From TEBS-E v7.00 functionality of external ECAS is removed from Multi-Voltage modulator variant as well

If a repair is required, a Reman modulator should be used.

Software Update Management Systems (SUMS)

Please note, the below applies to European vehicles and is for your information to understand the changes that are implemented.

Starting from July 7th, 2024, the following must be considered:

1. Application for New Type Approvals: To obtain new type approvals, Original Equipment Manufacturers (OEM) must hold a valid UNECE R156 certification.

2. Vehicle Registrations: When registering new vehicles by means of an existing type approval, the following options apply:

- An OEM certification in accordance with UNECE R156
- A statement from the OEM confirming that no type approval-relevant software updates will occur after vehicle registration.

It's important to note that while technical measures for blocking software updates after vehicle registration are mandatory for UNECE R156 certification, they are considered desirable when combined with the OEM's statement. This has been confirmed by several type approval authorities. Therefore, an immediate transition to UNECE R156-compliant devices is not strictly required.

At ZF CVS, we are committed to delivering products that meet the technical requirements of UNECE R156. As part of this commitment, we are launching the new Trailer Electronic Braking System (TEBS) generation TEBS E7 and the corresponding Diagnostic Software V7.00 in mid-July 2024. These updates include enhanced parameter settings and data storage to ensure compliance with UNECE R156.

Key Feature: The SUMS Mode - the pivotal feature for UNECE R156 compliance is the "SUMS Mode" integrated into the new Trailer EBS generation (TEBS-E7) and Diagnostic Software (V7.00). When the "SUMS Mode" is enabled, type approval-relevant parameters become locked to prevent changes. Any adjustments to these parameters can only occur within the ZF SUMS SaaS framework, currently under development and planned for release in Q4 2024.



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Software Update Management Systems (SUMS)

Recommendation: Deactivate the "SUMS Mode" - while not required from a regulatory standpoint, we recommend deactivating the "SUMS Mode" unless necessary. If the mode is accidentally activated and parameter changes are needed, please reach out to ZF for assistance.

Looking ahead to July 2026 - keep in mind that the next critical phase of UNECE R156 will take effect in July 2026. At that time, OE certification according to UNECE R156 will be mandatory for both new type approvals and vehicle registrations. We encourage you to complete your certification process promptly.

If you have any questions or queries regarding the above, please contact ZF Services Australia on 02 9679 5555.