

Function

The **Trailer Information Module (TIM G2)** is a trailer mounted display for direct reading of diagnostic and trailer related information. It enables access to information available within the ECUs of the TEBS G2 brake module and other Knorr-Bremse systems, such as SmarTire, without using PC diagnostics.

The TIM G2 provides a graphical display with back light and the same menu structure as the previous TIM. The operation is simple by means of three buttons (see picture). In addition to diagnostic and checking functions, TIM G2 offers access to a wide range of information and the following key features:

- Real Time Clock
- User interface can be customised (initial menu)
- Activation of input functions (e.g. Traction Help, lowering of lift axles, iLvl, etc.)
- Optional Trailer Data Recorder (TDR)
- Internal battery allows access to fault and service information when trailer is unpowered (K009166)
- Up to 7 languages available from the menu



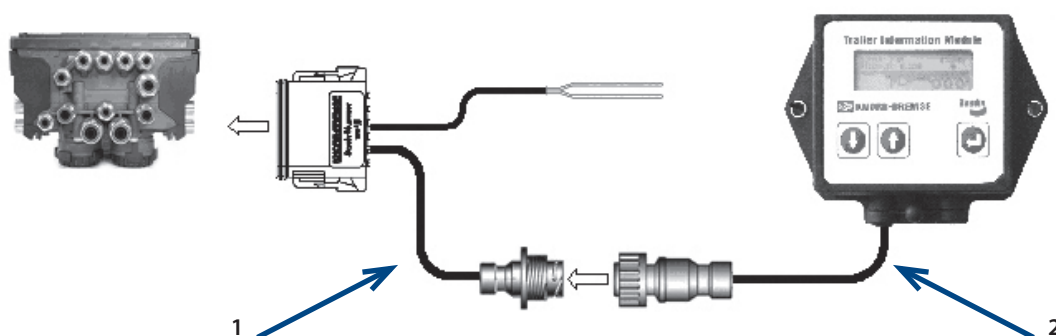
Technical Features

Operating temperature range: -20 °C to +70 °C
 Weight: 0.4 kg approx.
 Voltage range: 9 to 32 V DC

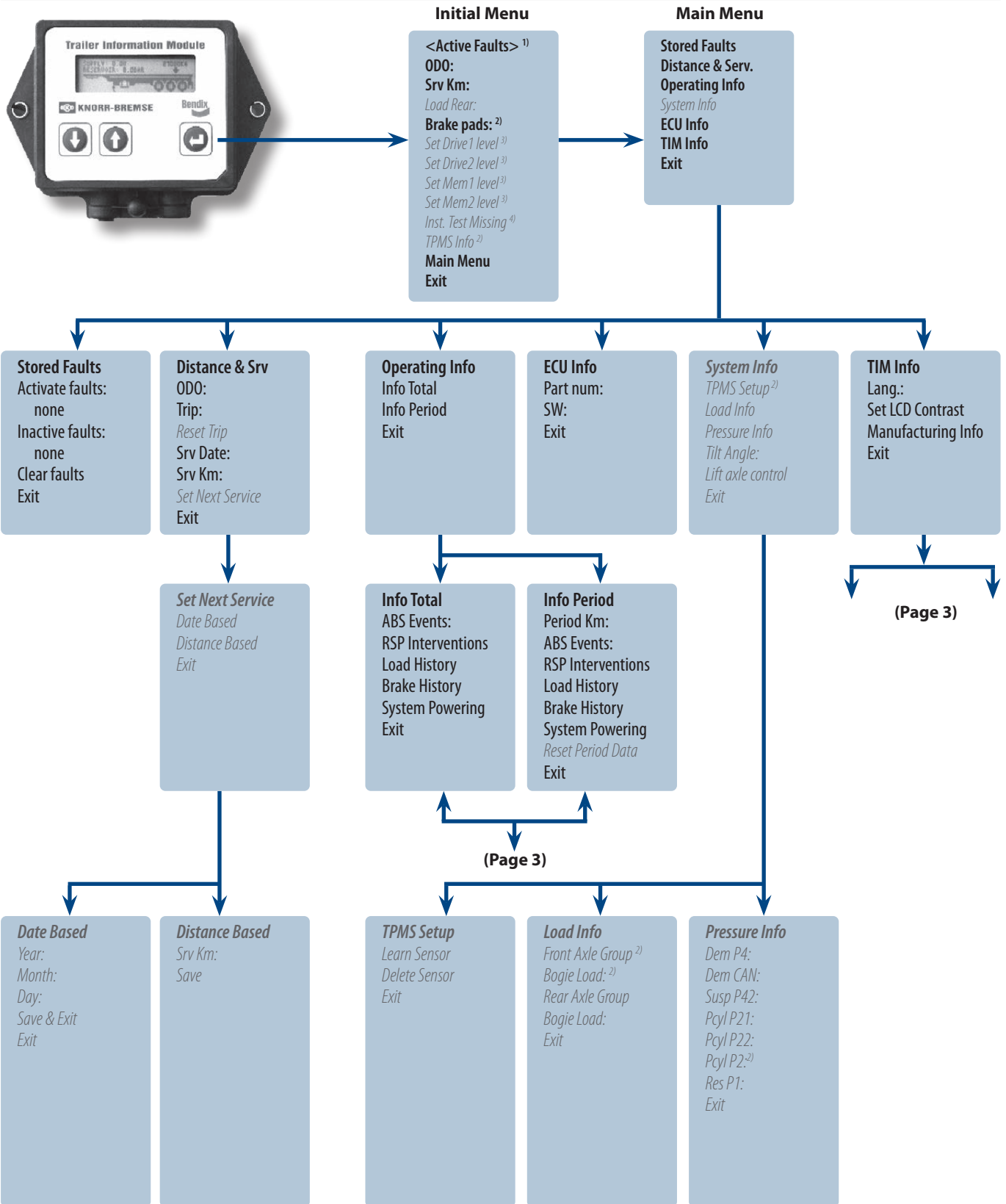
Options

Pos	Name	Part No.	Type No.	Remarks
1	Connection cable	-	-	For information on suitable cables see PD-272-025, Document No. Y142784
2	TIM G2	K009166 ¹⁾	EZ1035	Cable length = 1m, with internal battery
		K070605 ¹⁾		Cable length = 1m, without internal battery - for ADR applications

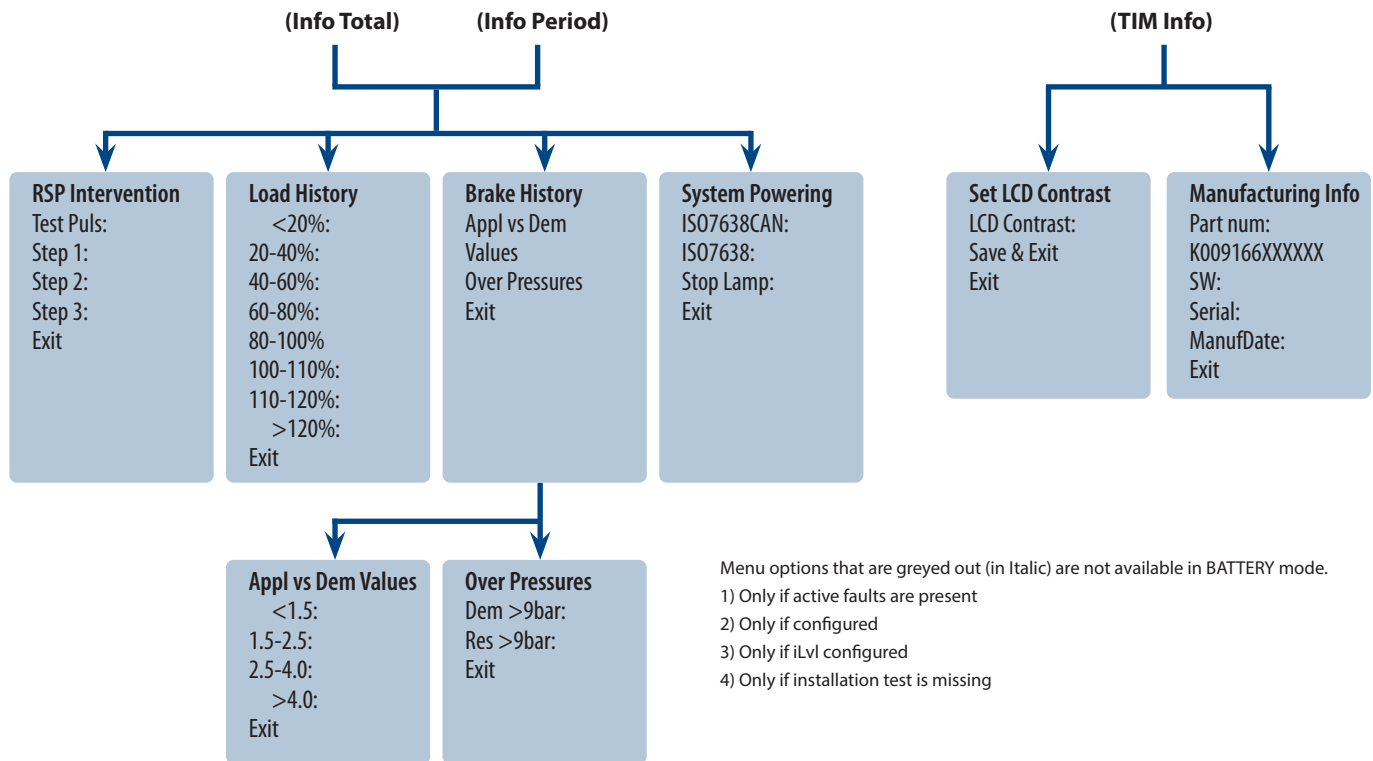
1) The part number of the module will carry two suffixes, firstly "V##" which represents the software revision of the product, e.g. V01, V02 etc., and secondly "N##" which defines the packaging requirements of different market sectors, e.g. N00, N50. Example: K070605V00N00 - is supplied with software to revision 00 and is supplied without packaging.



Menu Structure



Trailer Information Module (TIM G2)



Operating Instructions

Operation of the TIM G2 menu is possible by means of three buttons (Fig. 1). Using the "scroll up" / "scroll down" buttons, the cursor can be moved up or down respectively in the menu; the "ENTER" button is used to select the required option.

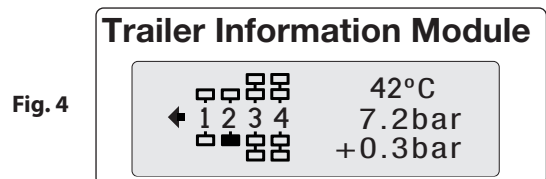
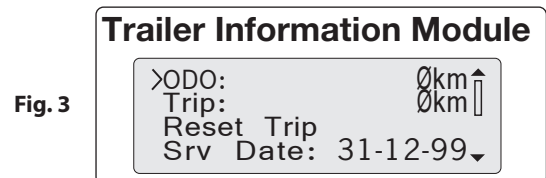
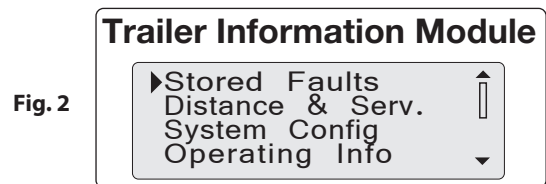
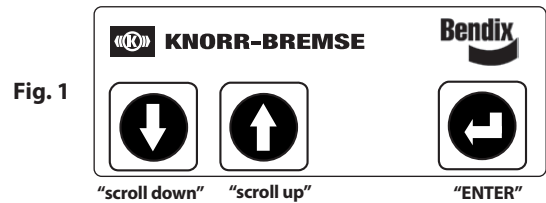
The "Exit" option at the bottom of every menu allows the user to return to the previous menu.

The graphical display of the TIM G2 is limited to four lines, therefore a scroll bar is displayed on the right hand side to indicate the position of the cursor within the current menu listing.

If the option where the cursor is located has a sub-menu the cursor is a solid triangle (Fig.2), if the option is a parameter the cursor is an open triangle (Fig.3).

Whenever the TIM G2 is reading data from the brake module a symbol is displayed for all the parameters showing that the updating process is still in progress.

The TIM G2 can be used as a trailer monitoring system for tyre pressure and temperature (Fig. 4) (See PD-551-000, Document No. Y095833).



Software update

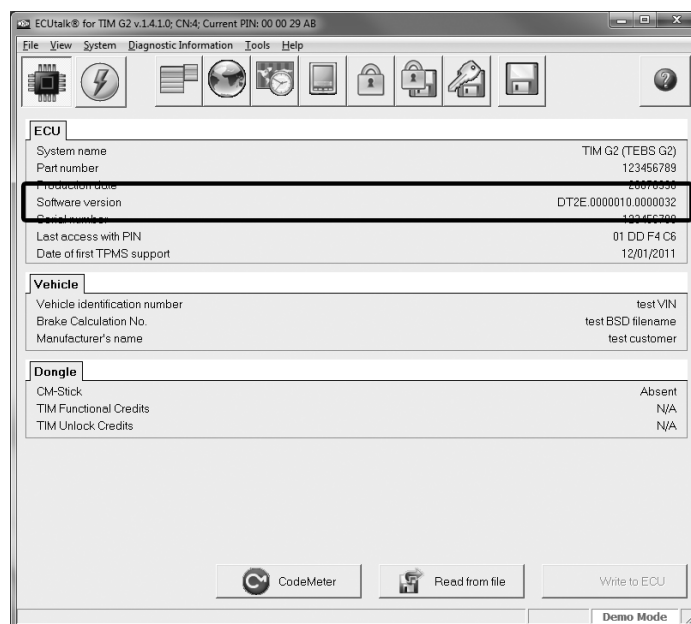
The revision level of the software in the TIM G2 can be found in the menu structure under:

TIM Info ➡ Manufacturing Info ➡ SW:

The software revision listed will be displayed as:

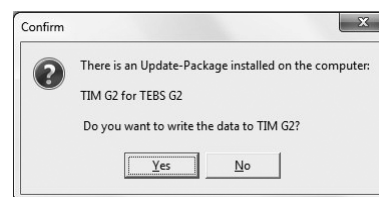
0000010.0000032 (Example: this is software revision 10.32)

When a computer with the program 'ECUtalk® for TIM G2' running is connected to a TEBS system with a TIM G2 the software version of the TIM G2 will be displayed on the opening screen:



If the revision of the software stored on the computer is later than that stored in the TIM G2, when the TEBS system is first connected a window will appear informing the user of this and asking if an update is wanted.

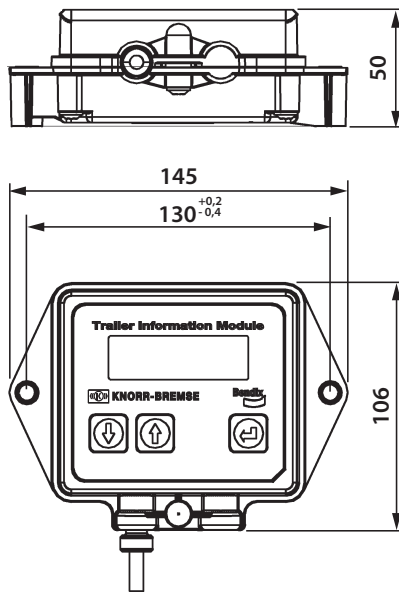
To update the software, simply click on "Yes".



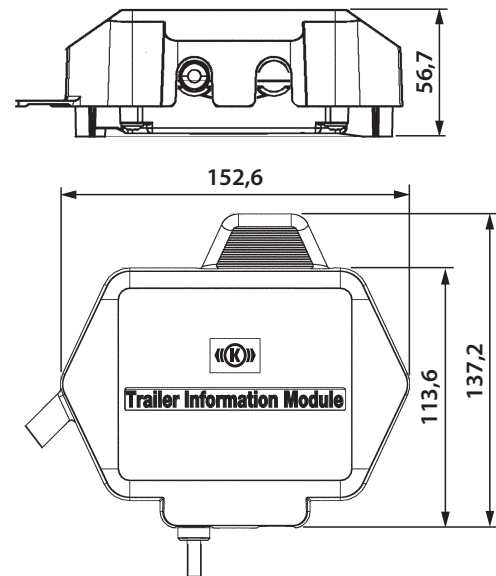
If "Yes" is selected, the update will be carried out automatically.

Dimensions

Without cover



Including cover



Note:

For advanced configuration of the TIM G2, Knorr-Bremse software "ECUtalk® for TIM G2" is available. For more information see the User Manual No. Y051983 available at truckservices.knorr-bremse.com.

Revision Details

Rev. 004	January 2019	New Layout
Rev. 005	October 2022	New Layout. Handheld tool info removed



Knorr-Bremse Systems for Commercial Vehicles
Moosacher Strasse 80 | 80809 Munich | Germany
Tel: +49 89 3547-0
Fax: +49 89 3547-2767
truckservices.knorr-bremse.com

Note

All information is subject to change. A printed version of this document may therefore not correspond to the latest revision. To obtain the latest version, please visit our website truckservices.knorr-bremse.com or contact a Knorr-Bremse representative in your area.

If service work is carried out on a vehicle based on information provided herein, it is the responsibility of the workshop to ensure the vehicle is fully tested and in full functional order before the vehicle is returned into service. Knorr-Bremse accepts no liability for problems caused as a result of appropriate tests not being carried out.

Copyright © Knorr-Bremse AG

All rights reserved, including industrial property rights applications. Knorr-Bremse AG retains any power of disposal, such as for copying and transferring.

Disclaimer

The information contained herein is intended for the exclusive use of trained persons within the commercial vehicle industry, and must not be passed on to any third party. All recommendations regarding products and their servicing or usage are with reference to Knorr-Bremse products and should not be considered applicable to products from other manufacturers. This information does not purport to be all-inclusive and no responsibility is assumed as a result of its use. We cannot accept any liability nor offer any guarantee regarding data accuracy, completeness or timeliness. The information does not represent any guarantee or ensured characteristics of the Products or Systems described. No liability can be accepted based on the information, its use, recommendations or advice provided. In no event may we be held liable for any damage or loss except in the case of wilful intent or gross negligence on our part, or if any mandatory legal provisions apply. This disclaimer is an English translation of a German text, which should be referred to for all legal purposes. Any legal disputes arising from the use of this information shall be subject to German law.