



MAN | **Service**



MAN After Sales Portal

2. TGE Quick Guide for maximum speed adaption
according to legal requirements

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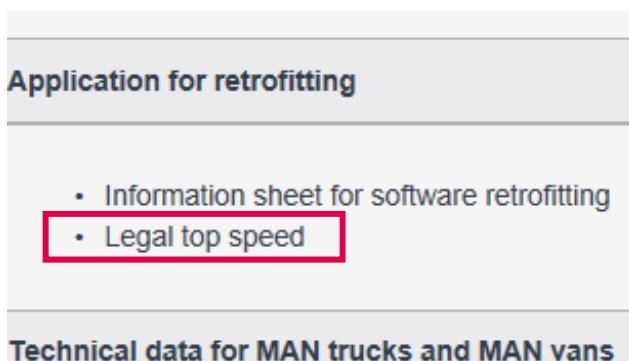
This quick guide is designed to assist you in maximum speed adaptations that subject to legal restrictions at your TGE. Please read and understand this Quick Guide once before starting the adaption process. The email address for maximum speed adaptations correspondence is retrofit4tge@man.eu. Please do not hesitate to contact us.

Pre-conditions

- 1) Start a MANTED application
- 2) You will be contacted by the retrofit team
- 3) You will receive a retrofit datafile
- 4) The Process is divided into two steps, that are explained on the following pages.
 - 1) In step 1 you change the PR code for speed (7H1, 7H3, ...) with the received datafile. The new PR code will be written into the central documentation system (CARPORT), that can be checked by erWIN. If the PR code was changed successfully, you can proceed with step 2.
 - 2) In step 2 the new PR code is written in the engine control unit. Therefore you need to make a screenshot, that has to be sent to us. After that, you get a PIN and HEX-code to finish the retrofit process.
- 5) As soon as you receive the datafile, you can start the adjustment, with following requirements:
 - Contact the retrofit team one day before retrofitting your vehicle
 - The vehicle is needed to stay at least 2 hours in the workshop
 - Speed adjustments can only take place from Monday till Thursday, from 9 o'clock to 14 o'clock (due to PIN and HEX-code calculation)
 - The ignition must not be turned off during the complete adjustment (ensure enough battery power or charging support!)
 - The latest ODIS version has to be installed
 - A working VCI with USB connection

2. Maximum speed adaption according to legal requirements

General procedure



Start the application process at the MANTED online applications. You will receive a datafile that is needed for your retrofitting process. Please be sure that you contact the retrofit team (retrofit4tge@man.eu), one day before you suppose to start retrofitting your vehicle, to ensure we can generate the PIN codes. Be sure that we will respond to your mail.

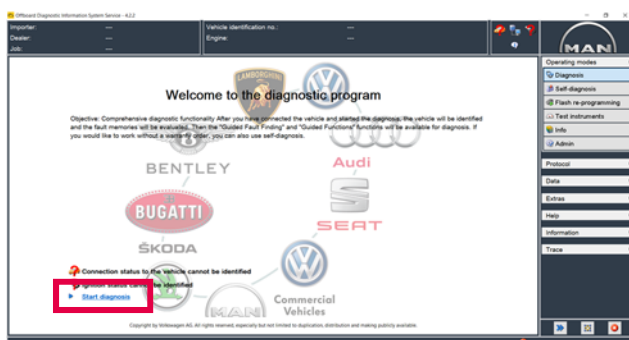


Unzip the datafile, received by the retrofit Team and place the folder 'NSC-Convert' on the desktop of your ODIS computer

Open the highest folder and rename the file 'Convert.poh' to 'Convert.bat'

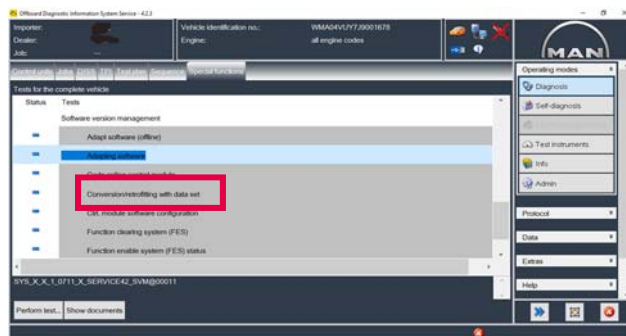
Start ODIS

Open 'Convert.bat' (Important: A DOS-window must pop-up shortly)

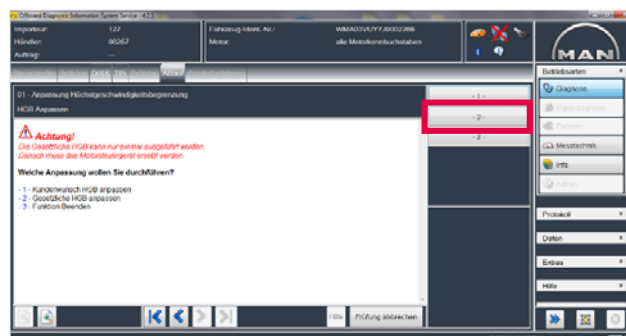


Switch to ODIS and after conducting the initial diagnostic with guided troubleshooting, switch over to the 'Special Functions' tab.

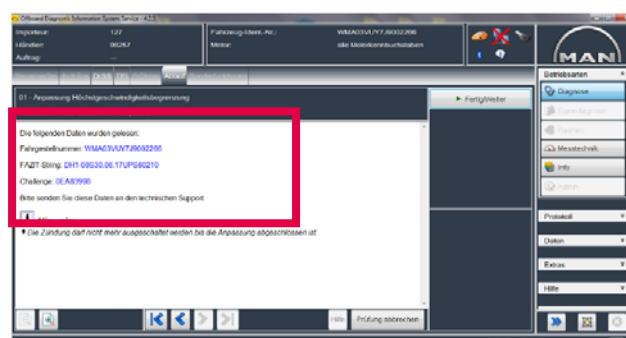
2. Maximum speed adaption according to legal requirements



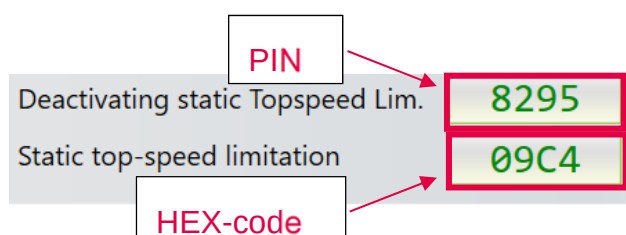
Under 'Software version management' select the test program 'Conversion/retrofitting with data set'. Press 'Perform test' and follow the guided function until the first sub-procedure is completed.



Switch to the tab 'Control units' and press the right mouse button above the engine control unit (diagnostic address 01). Choose 'guided functions' and then 'Speed adjustment'. Choose button 2, 'Legal speed adjustment'.

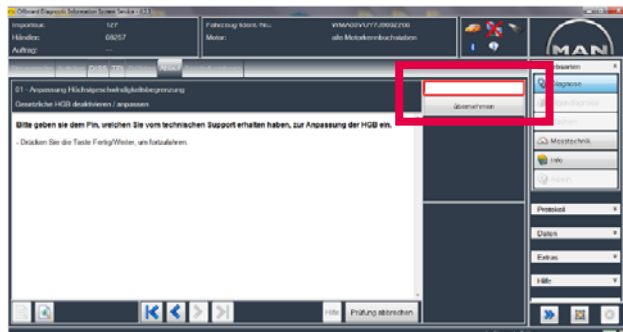


After starting the second sub-procedure, a screen with "VIN, FAZIT-String and Challenge" appears. Make a screenshot of this screen and send it to: retrofit4tge@man.eu



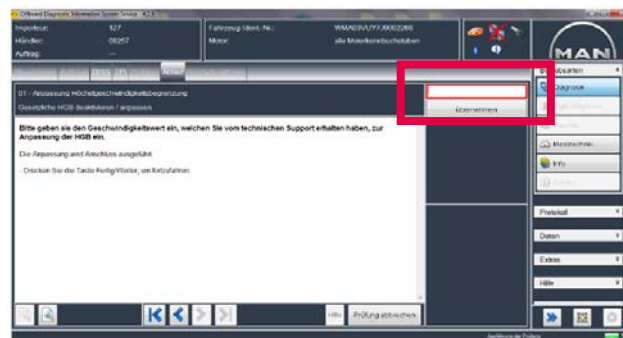
Important: Do not switch off the ignition of the vehicle until you have received the PIN and the adjusted speed

2. Maximum speed adaption according to legal requirements



in HEX-code (the transmission may take up to two hours)

Enter the PIN in the first slot



Enter the HEX-code in the second slot

Perform the guided function until the process is completed.

(Last updated: 11/2018) Text and illustrations non-binding.
MAN reserves the right to make changes in the course of technical progress.

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