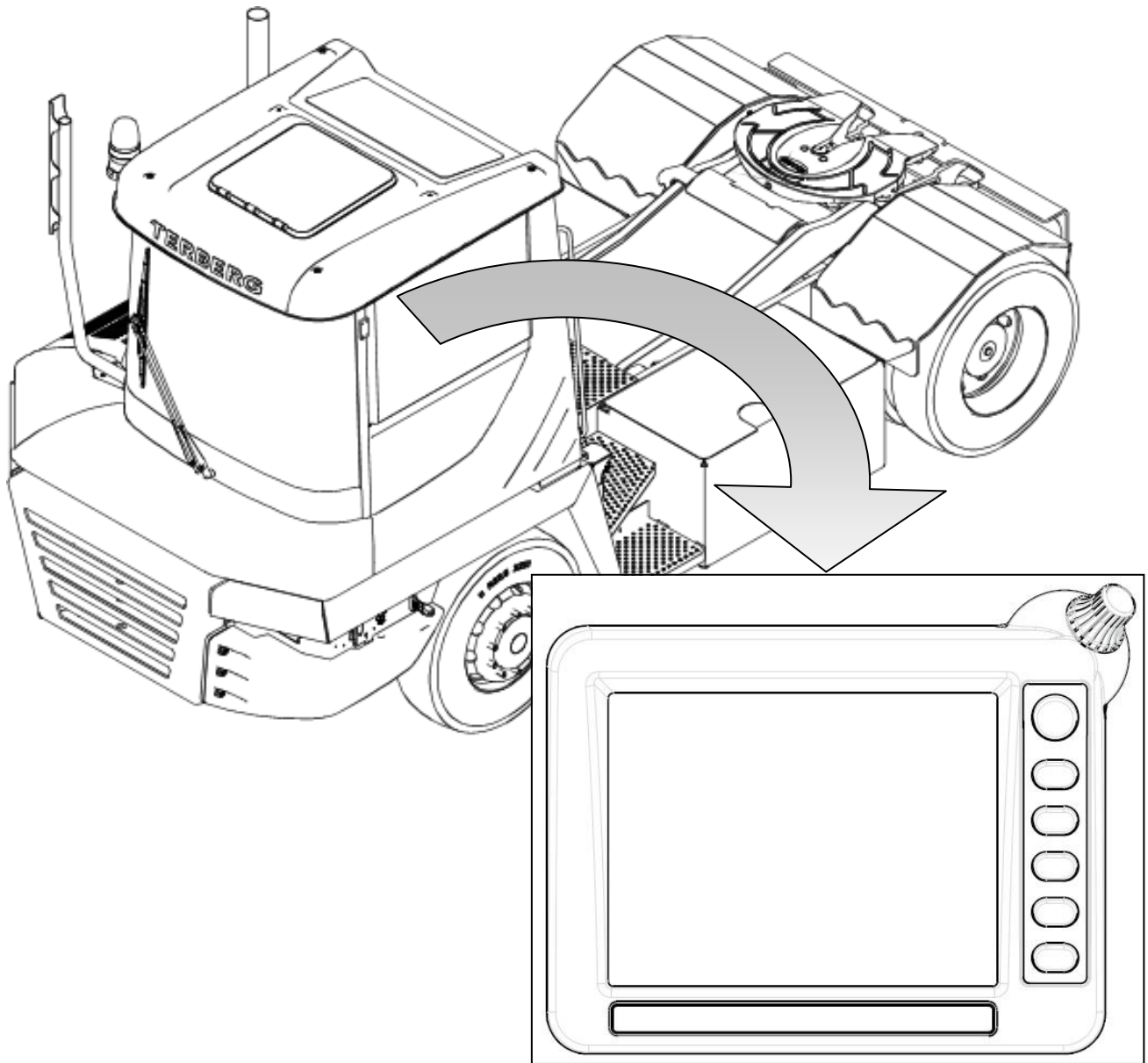




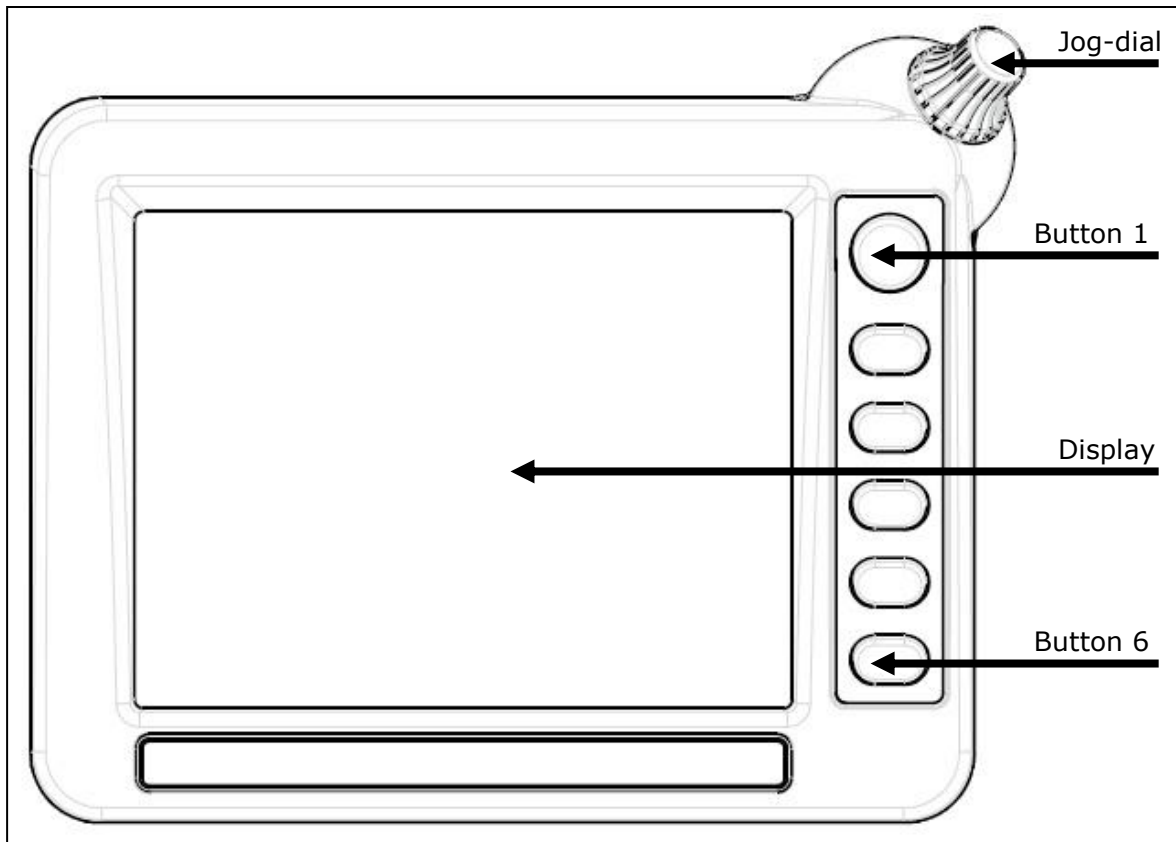
Driver Information Module User Manual - Service Applicable for SW V5.01

DOCUMENT > TD1474-06E
EDITION > 06-2011

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2 Getting Started

The display is located in the middle of the swivel seat console, right above the steering wheel. The display is used to monitor the vehicle, to perform diagnostics and to control some vehicle functions.



A jog-dial and 6 buttons can be found to the right of the display.. In this manual these will be called the jog dial and buttons 1 to 6. Use them to control the display. A small column on the right of the display is reserved for indicating the button functions. These indications can be textual or graphical.

2.1 Illumination

The display is provided with backlight which is always on.

The buttons are provided with backlight which will light up after activation of the vehicle lighting.

2.2 Switch on/off

The display is connected to the vehicle's power supply and therefore does not have to be switched on or off manually. Turn the ignition key to position 1 to activate the display.

2.3 Menu structure

Navigating through the display pages can be done by the menu.

Press button 1 – MENU to open the display menu. A list with the following options will be displayed:

-  Instrument Panel
-  Numerical Values 1
-  Numerical Values 2
-  Display Settings
-  > Terberg Service Tools

Use the jog dial to move the cursor (coloured bar) to one of the listed pages, for example 'Instrument Panel', and press button 1 – OK to select the page.

A second menu is available by selecting Terberg Service Tools in the display menu. A list with the following options will be displayed:

-  < Menu
-  AEB Start
-  Stall Test
-  Terberg Diagnostics
-  Manual Gear Selection
-  Output Activation CC
-  Output Activation DRC
-  Test Instrument Panel

Use the jog dial to move the cursor (coloured bar) to one of the listed pages, for example 'Test Instrument Panel', and press button 1 – OK to select the page.

m WARNING

Only use the display menu when the vehicle is stopped and the park brake has been applied.

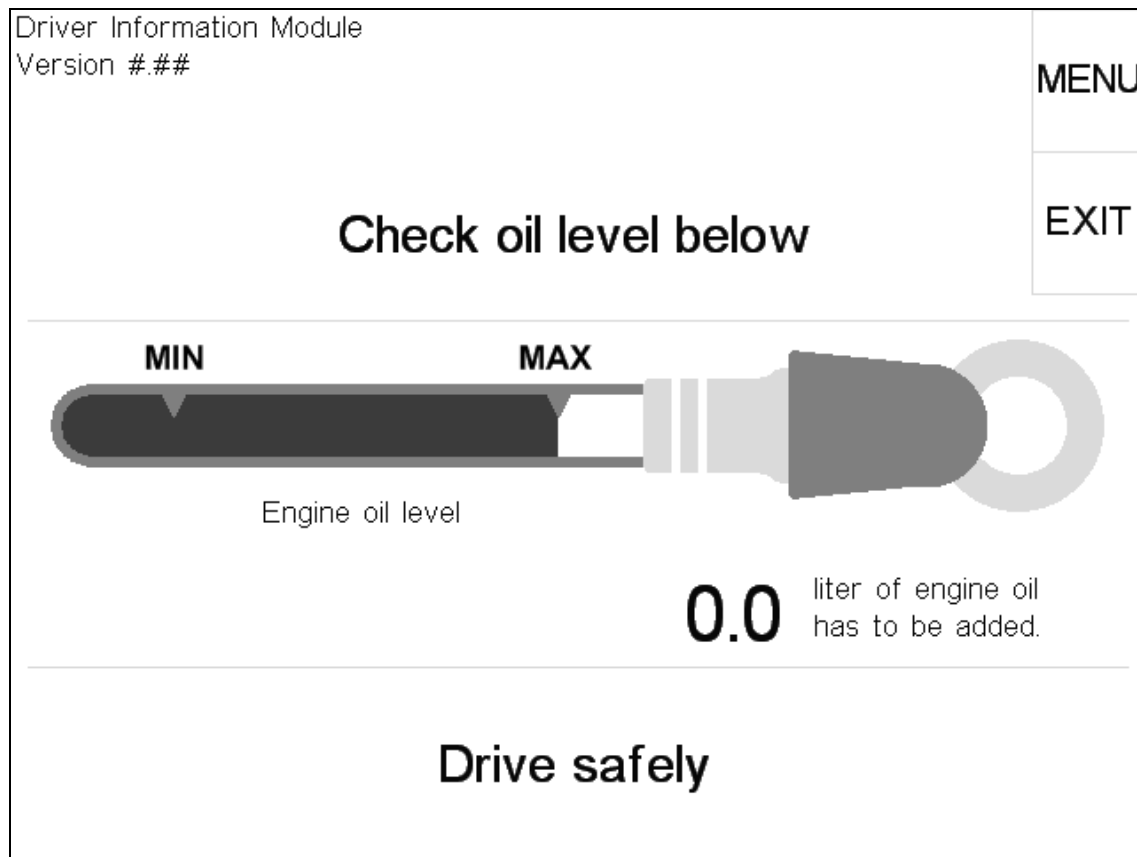
2.4 Exit to Instrument Panel

An 'Exit' button is shown under the 'Menu' button on most pages. Press button 2 – Exit to leave such a page and jump directly to the Instrument Panel.

3 Page: Start-up page

After moving the ignition key to the first position or any wake-up signal, the following start-up page will appear for a few seconds.

This page can also be requested: press button 1 - MENU => select Terberg Service Tools => select Check Engine Oil Level.



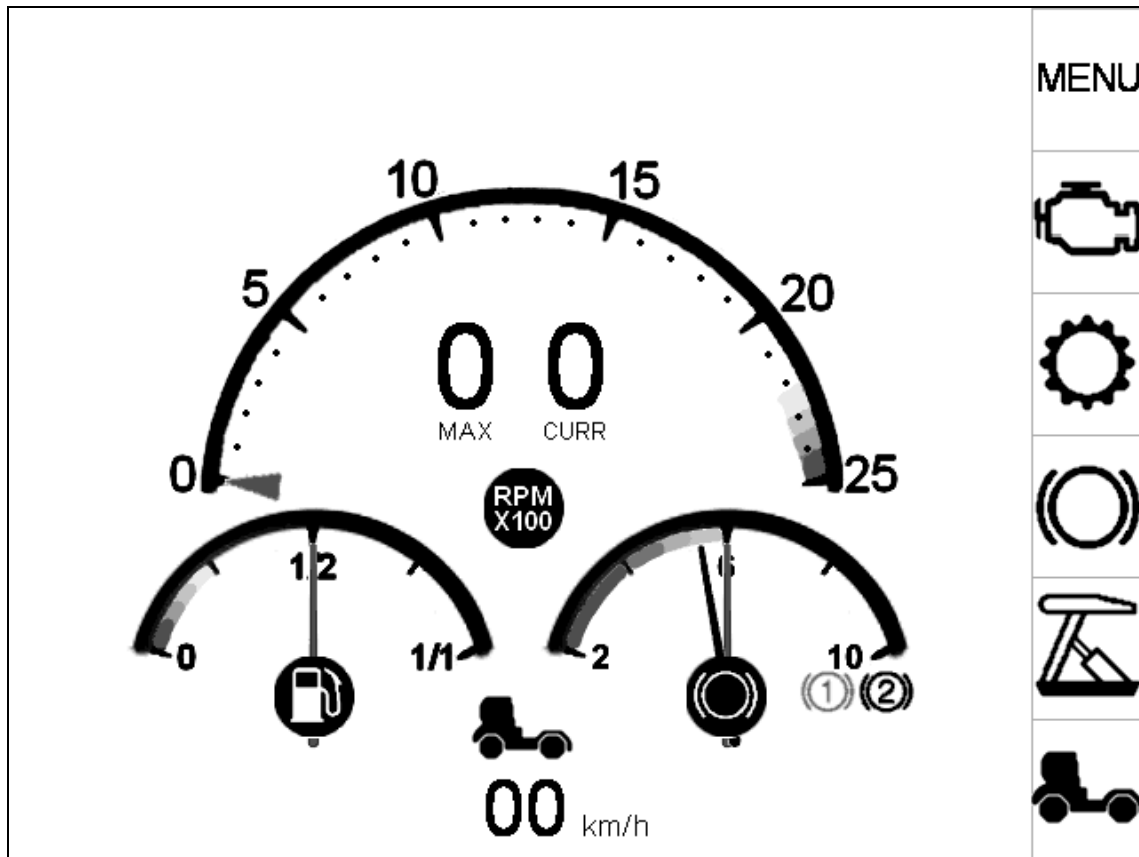
On this page the engine oil level is shown in a representation of the dipstick to enable the driver to check the oil level at every time the machine is started. The numerical value to the right of the gauge indicates the amount of engine oil that has to be topped up.

The following warnings may appear:

liter of engine oil must be added before driving!	The engine oil level is at or below MIN. Top up the engine oil level with the indicated amount of engine oil.
Engine oil level is too high. Drain until oil level is below MAX.	The engine oil level is at or above MAX. Drain engine oil to get the level below MAX.

4 Page: Instrument Panel

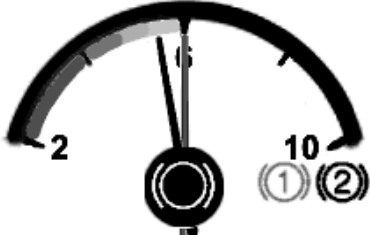
After the start-up the first page, the Instrument Panel page, appears on the DIM. This page also can be requested: press button 1 – MENU => select Instrument Panel.



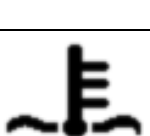
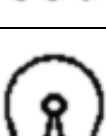
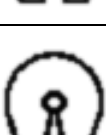
4.1 Information on Instrument Panel

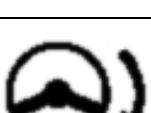
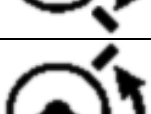
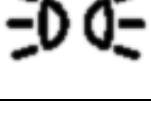
Current vehicle information is shown on the instrument panel by means of via gauges, telltales and analogue values.

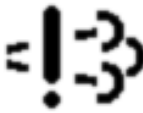
	The large gauge in the middle of the instrument panel is the tachometer. The numbers on the outside of the gauge have to be multiplied by 100 to get the actual engine speed. (OPTIONAL) If a RPM governor is active, a red mark will show the current governed RPM on the gauge's edge
	The small gauge on the left is the fuel gauge, which indicates the fuel level.
	(OPTIONAL) If the vehicle is equipped with a urea tank, the fuel level gauge will also monitor the level in the urea tank. Fuel level is indicated by a white needle. Urea level is indicated by a blue needle.

	The small gauge on the right shows the actual air pressure in brake circuits 1 and 2. Each of the brake circuits has his own needle. Brake circuit 1 is indicated by a white needle. Brake circuit 2 is indicated by a blue needle.
	Two analogue digits in the middle of the tachometer indicate the status of the transmission. The left digit indicates the maximum gear available at the time.
	The right digit indicates the actual gear.
 Select Neutral	The gear lever has to be in Neutral to start the vehicle. This symbol appears if the gear lever is not in Neutral and the engine is not running.
 Apply Service- or Park Brake	The parking- or the service brake must be applied for starting the engine to be possible. Apply one of the two brakes if this symbol appears.
	The vehicle direction indicator is located between the small gauges. The arrows indicate the direction of the current gear: forward or rearward.
	The lockup indicator appears above the transmission status digits when the lockup is engaged.
	(ZF-Transmission) This indicator appears when the KD button on the gear lever is pressed. Please refer to Transmission Manual for details.
Wrong parameterset loaded Reduced vehicle functionality	A parameter set that does not belong to this tractor has been loaded, which means that vehicle functionality is severely reduced. Only driving is possible.
Vehicle in standby mode Restart with ignition key	(OPTIONAL) The tractor can shut down all electrical consumers, including the engine, after a preset time. To start the tractor again the ignition key has to be turned off and on again.
COMMUNICATION ERROR Information on display invalid	An error concerning the communication to the display has been detected. Report to maintenance department or have the vehicle repaired as soon as possible because wrong information, or none at all, is being sent to the display.

These are the telltales that can light up on the display. Some of them are related to optional functions and will only be displayed if these functions are installed on the vehicle.

Telltale	Colour	Description
	Red	Driver's seat belt not fastened
	Green	Driver's seat belt fastened
	Red	Transmission oil temperature high
	Red	Engine oil pressure low
	Red	Engine coolant temperature high
	Green	5 th wheel locked correctly
	Red	5 th wheel locking fault
STOP	Red	Stop engine
	Yellow	Front axle load too low (SGS)
	Red	Front axle load sensor failure (SGS)
	Red	Hazard lights

	Red	Parking Brake applied
	Red	Door open
	Red	Driver not seated
	Yellow	Steering angle left limited
	Yellow	Steering angle right limited
	Red	Steering angle sensor failure
	Yellow	Air suspension pressure rear axle released
	Green	Park lights or dipped beam
	Blue	Main beam
	Yellow	Trailer coupled
	Yellow	Interaxle diff. lock Flashing=request Continuously=engaged

	Yellow	Rear diff. lock Flashing=request Continuously=eng aged
	Yellow	Air filter obstructed
	Yellow	Fault in exhaust system
	Yellow	Water in fuel filter
	Yellow	Exhaust particle filter obstructed
	Yellow	Engine fault (code) active
	Yellow	Engine coolant level low
	Yellow	Engine oil level low or Engine oil level high
	Red	Transmission oil pressure low
	Red	Transmission fault (code) active
	Yellow	5 th wheel at maximum height limitation
	Yellow	5 th wheel at minimum height limitation

	Red	5 th wheel above maximum height limitation
Telltale	Colour	Description
	Red	5 th wheel below minimum height limitation
	Yellow	Swivel seat error
	Red	Continuously=Alter nator not running Flashing=Battery Save Active
	Yellow	Brake pad wear
	Yellow	Fuel level low
	Red	Urea level low
	Red	Air pressure circuit 1 low
	Red	Air pressure circuit 2 low
	Red	Engine rpm too high
	Green	Direction indicator left
	Green	Direction indicator right
	Green	Logic active steering

	Yellow	Logic steering deactivated
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Telltale	Colour	Description
	Red	An input error is detected in the CentralController. Check error memory
	Red	A system error is detected in the CentralController. Check error memory
	Red	An output error is detected in the CentralController. Check error memory

Telltale	Colour	Description
	Yellow	Engine torque limited because of AdBlue system failure. Check engine error memory
	Yellow	Engine torque limitation is temporarily overridden. Check engine error memory
	Yellow	PTO governor (engine RPM governor) is active. Engine does not respond to acc. pedal

4.2 Additional information

Use buttons 2 to 6 to request additional information on the instrument panel. A pressed button's indicator will light up to indicate which information is being shown. Analogue values are shown at the bottom of the display and function specific telltales may light up when a warning/indication is being sent. To make sure no function specific telltale is missed, the indicator of a button will flash when a function specific telltale is active.



Press button 2 to request Engine information:

	0.0		00		000
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1. Engine oil pressure in bar
2. Vehicle speed in km/h
3. Engine coolant temperature in °C



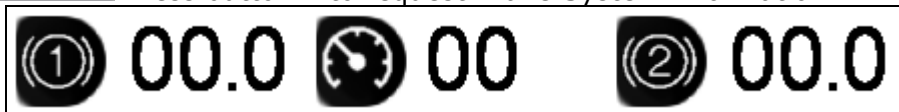
Press button 3 to request Transmission information:

	000		00		000
---	-----	---	----	---	-----

1. Transmission oil pressure in bar
2. Vehicle speed in km/h
3. Transmission oil temperature in °C



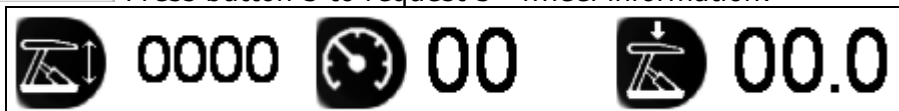
Press button 4 to request Brake System information:



1. Brake circuit 1 pressure in bar
2. Vehicle speed in km/h
3. Brake circuit 2 pressure in bar



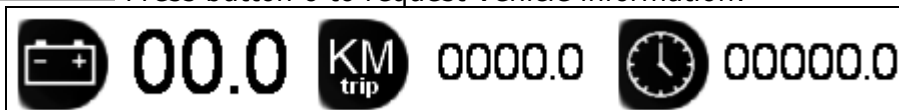
Press button 5 to request 5th wheel information:



1. 5th wheel height in mm (OPTIONAL)
2. Vehicle speed in km/h
3. 5th wheel load in tonnes (OPTIONAL)



Press button 6 to request Vehicle information:



1. Battery voltage level in volts
2. Trip mileage in km
3. Engine running hours in hours

5 Page: Numerical Values 1

Press button 1 – MENU => select Numerical Values 1.

Vehicle speed [mph]  00	Engine revolutions [1/min]  RPM 0000	08:35:26 27.02.2010	MENU
Fuel rate [litres/hour]  00.0	Engine coolant temp. [°C]  000	Current gear 6	EXIT
Fuel level [%]  000	Engine oil temp. [°C]  000		
Battery level [volt]  00.0	Engine oil press. [bar]  0.0		
Front axle load [tonne]  00.0	Engine oil level [%]  000	5th wheel height [mm]  0000	
Air press. circ. 1 [bar]  00.0	Trans. oil press. [bar]  000	5th wheel load [tonne]  00.0	
Air press. circ. 2 [bar]  00.0	Trans. oil temp. C.O. [°C]  000	5th wheel hydr. pr. [bar]  000	

The Numerical Values 1 page displays available data in numerical values as a result of which different signals can be monitored at the same time. NV1 displays the more dynamic values. The more static values will be shown on the Numerical Values 2 page.

Since all the information on the different signals and measurements is shown on the display already, only a list will be mentioned here.

- Vehicle speed
- Fuel rate
- Fuel level
- Battery level
- Front axle load (OPTIONAL)
- Air pressure circuit 1
- Air pressure circuit 2
- Engine revolutions
- Engine coolant temperature
- Engine oil temperature
- Engine oil pressure
- Engine oil level
- Transmission oil pressure (OPTIONAL)
- Transmission oil temperature at converter out
- Current gear
- 5th wheel height (OPTIONAL)
- 5th wheel load (OPTIONAL)
- 5th wheel hydraulic pressure (OPTIONAL)

6 Page: Numerical Values 2

Press button 1 – MENU => select Numerical Values 2.

Trip mileage [miles]  0000.0 Mileage [miles]  000000.0 Engine running [hours]  00000.0 Engine idle time [hours]  00000.0 Total fuel used [litres]  00000000		08:36:28 27.02.2010 Vehicle-ID Order number: 000000 CC Serialnr.: 000000 0000 CC Software nr.: 00.00	MENU EXIT
			Reset

The Numerical Values 2 page displays the more static values from the driveline and the vehicle.

Since all the information about the various signals and measurements is shown on the display already, only a list will be given here.

- Trip mileage
- Mileage
- Engine running hours
- Engine idle time
- Total fuel used

A vehicle identification tag is displayed in addition to this information, containing:

- Order number
- CentralController serial number
- Software version number of the CentralController

Press button 6 – Reset to reset the Trip mileage to '0'.

7 Page: Display Settings

Press button 1 – Menu => select Display Settings.

Settings		OK
Language:	English	Cancel
Clock:	15:49	
Date:	27.02.2011	
Brightness Display:		
Brightness Key:		
		Back

Turn the jog-dial to move the selector through the display settings. Press OK to select one of the settings and the selector will move to the right to indicate which setting has been chosen. Turn the jog-dial to change the setting and press button 1 – OK to confirm. Press button 2 – Cancel to return the selector without saving the new setting. Press button 6 – Back to leave the Display Settings page and return to the last page.

The available settings are:

- Language English / German / <not available>
- Clock 00:00 – 23:59
- Date 01.01.2000 – 31.12.2300
- Brightness Display
- Brightness Key

8 Page: Stall Test

Press button 1 – MENU => select Terberg Service Tools => select Stall Test.

Stall Test - Conditions		6 CURR	MENU
☒ Parking brake engaged ☒ Service brake engaged ☒ Shift lever in forward OR reverse			EXIT
Stall test - Actual Values			
Engine revolutions [1/min]	Reference RPM ± 50 [1/min]		
RPM 0000	STALL RPM 0000		
Engine coolant temp. [°C]	Trans. oil temp. at conv. out [°C]		
000	000		
Air press. circ. 1 [bar]	Trans. oil temp. at sump [°C]		
00.0	000		
Air press. circ. 2 [bar]			
00.0			
Set gear to max		MAX	

The Stall Test page provides the possibility to force the transmission into its maximum gear, which is necessary to perform the so called 'stall test'. This function also can be used to raise the transmission oil temperature.

The conditions that need to be fulfilled before performing the stall test:

1. Park brake has to be engaged
2. Service brake has to be engaged
3. Shift lever has to be in Forward or Reverse

When these conditions are fulfilled, press button 6 – MAX to set the maximum gear.

Press button 5 – Reset to return the transmission to its starting gear.

m WARNING

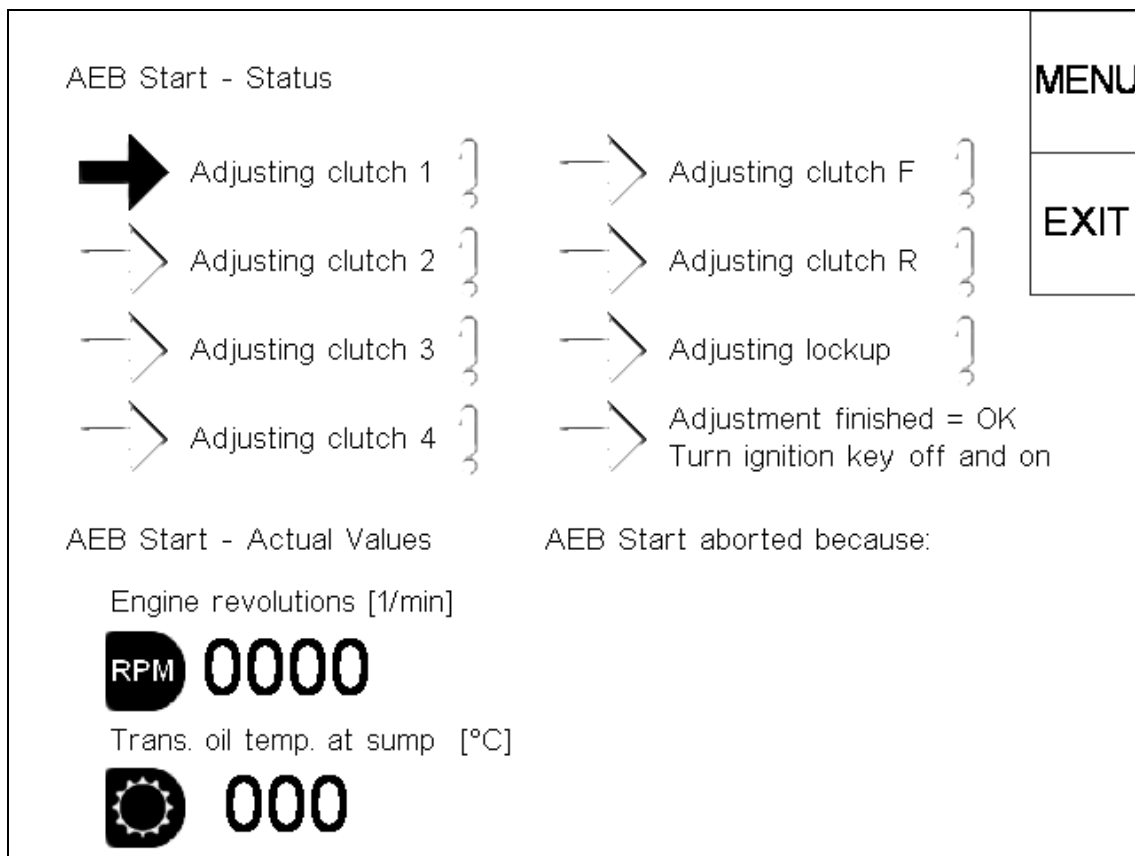
When performing the Stall Test no other personnel, except for the operator, is allowed to be on or near the vehicle.

Only use the Stall Test when the service brake is fully depressed.

9 Page: AEB Start

Press button 1 - MENU => select Terberg Service Tools => select AEB Start.

AEB Start - Conditions		MENU
■ Hazard/Parking lights switched off ■ Parking brake engaged ■ Shift lever in neutral ■ 70 < Transmission oil temperature at sump < 90 °C		EXIT
AEB Start - Actual Values		
Engine revolutions [1/min]		
	0000	
Trans. oil temp. at sump [°C]		
	000	
Perform AEB Start 		AEB



The AEB Start page provides the possibility to perform the AEB Start without any additional tools or equipment. The AEB Start is an automatic calibration routine which adjusts the different internal couplings inside the transmission.

The AEB Start consists of two pages. The first, AEB Start – Conditions, is used to monitor the conditions that need to be fulfilled before performing the AEB Start:

1. Park brake has to be engaged
2. Shift lever has to be in Neutral
3. The transmission oil temperature at sump has to be between 70 and 90 degrees Celsius
4. The engine speed has to be between 700 and 1100 rpm

When all conditions are fulfilled and showing a green dot, press button 6 – AEB to perform the AEB Start.

As described above the transmission oil temperature has to be above 70 degrees Celsius. To raise the transmission oil temperature the Stall Test page can be used.

The next page, AEB Start – Status, will appear, showing the actual state of the AEB Start. A green arrow will indicate which adjustment is being made. If a problem occurs, it will be described at the right bottom of this page. If the AEB start is aborted a red exclamation mark is shown on the right of a status to indicate when the AEB start was aborted.

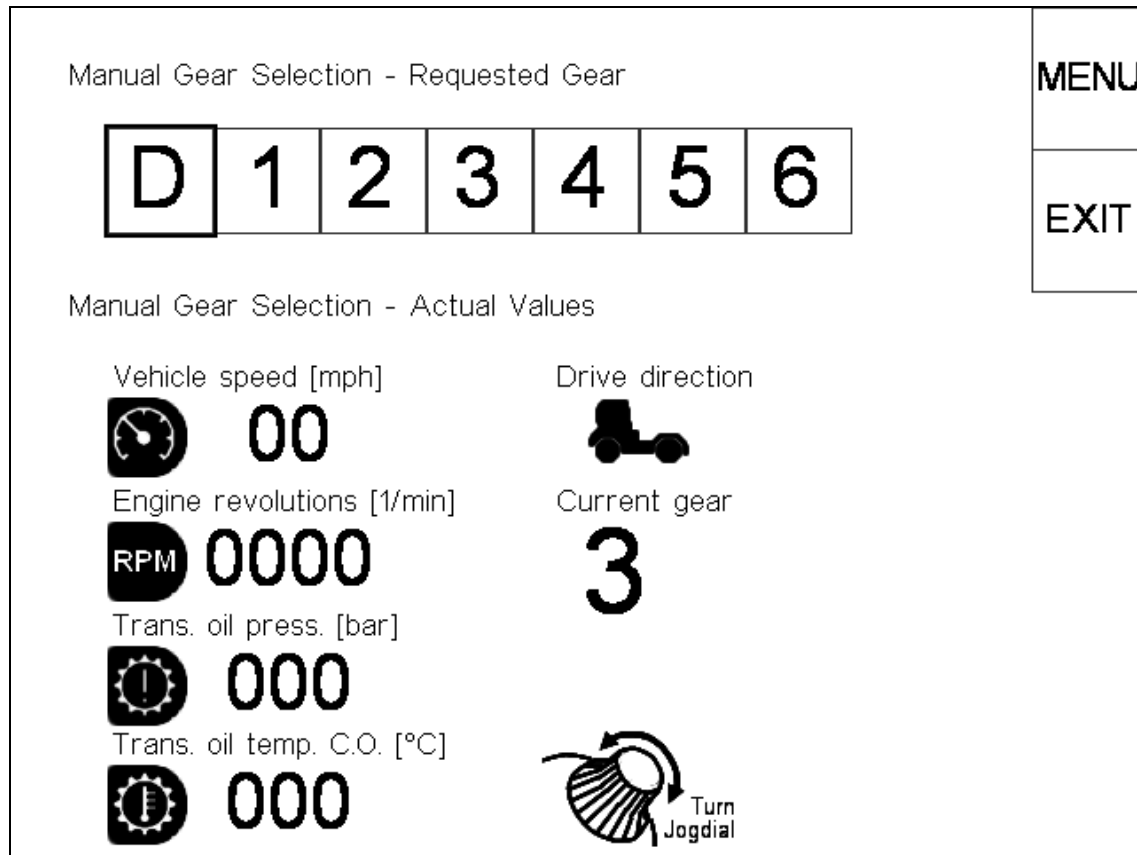
When the green arrow is pointing at 'Adjustment finished' the AEB start has successfully been completed. To resume driving the vehicle the ignition key has to be switched off and on again.

m WARNING

If the AEB Start is aborted before the 'Adjustment finished' indicator lights up, no information is stored in the transmission ECU.

10 Page: Manual Gear Selection

Press button 1 - MENU => select Terberg Service Tools => select Manual Gear Selection.



This page provides the possibility to control the transmission manually. To do so: turn the jogdial to select the required gear. The green border around the indicator 'D' (drive) will move over the numbers in the display. The direction of the transmission (forward, neutral or rearward) is taken from the shift lever. Move the shift lever into the desired direction and the requested gear will be engaged.

The requested gear can be changed while driving by turning the jogdial. If the operator selects 'D', the transmission will go back to it's normal automatic program.

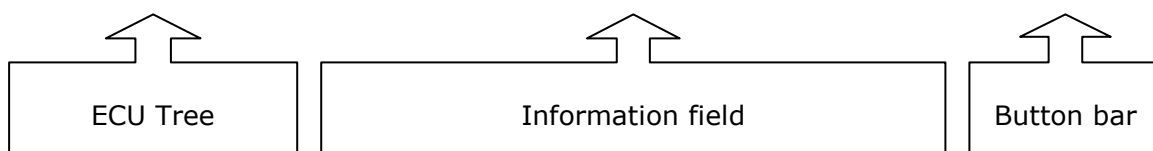
m WARNING

Manual Gear Selection is meant for service purposes only. Do not use this function in regular use of the vehicle.

11 Page: Terberg Diagnostics

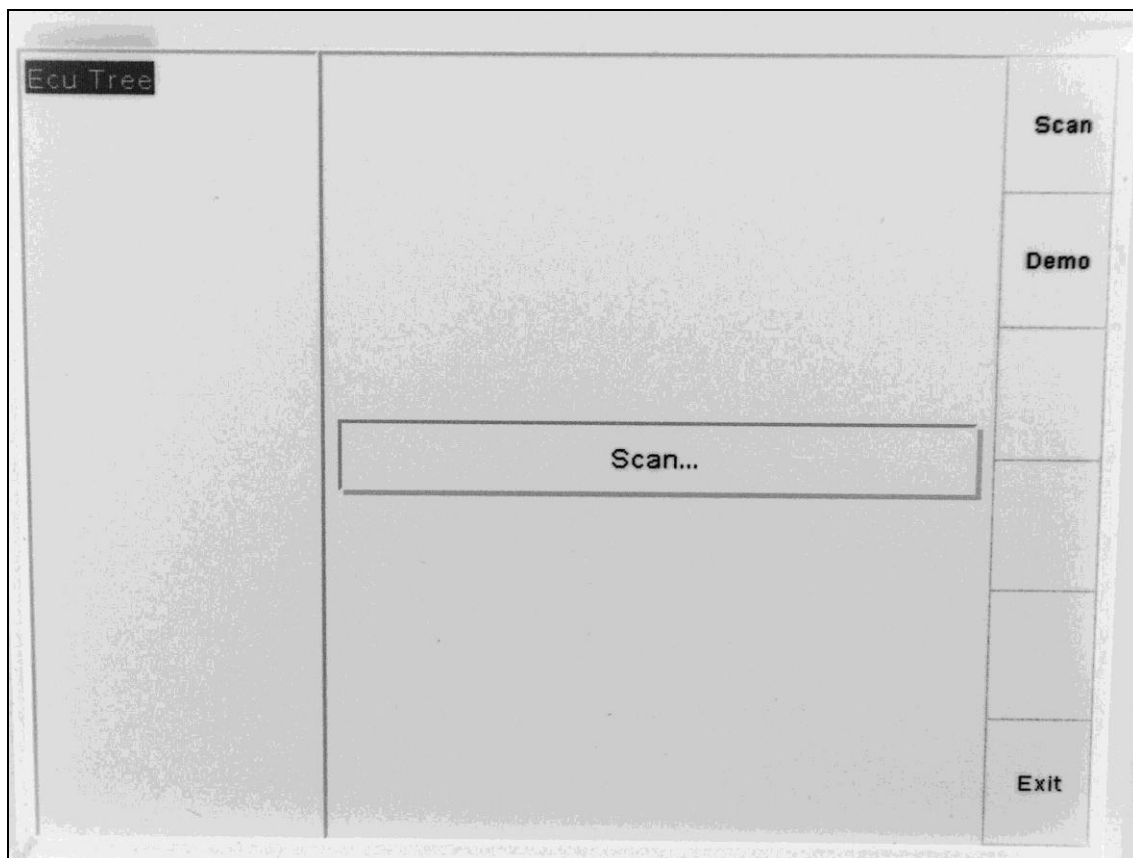
Press button 1 – MENU => select Terberg Service Tools => select Terberg Diagnostics.

The Terberg Diagnostics page can be used to monitor the actual state of the vehicle and to read fault codes. With a sufficient access level it is also possible to calibrate sensors and change parameters.



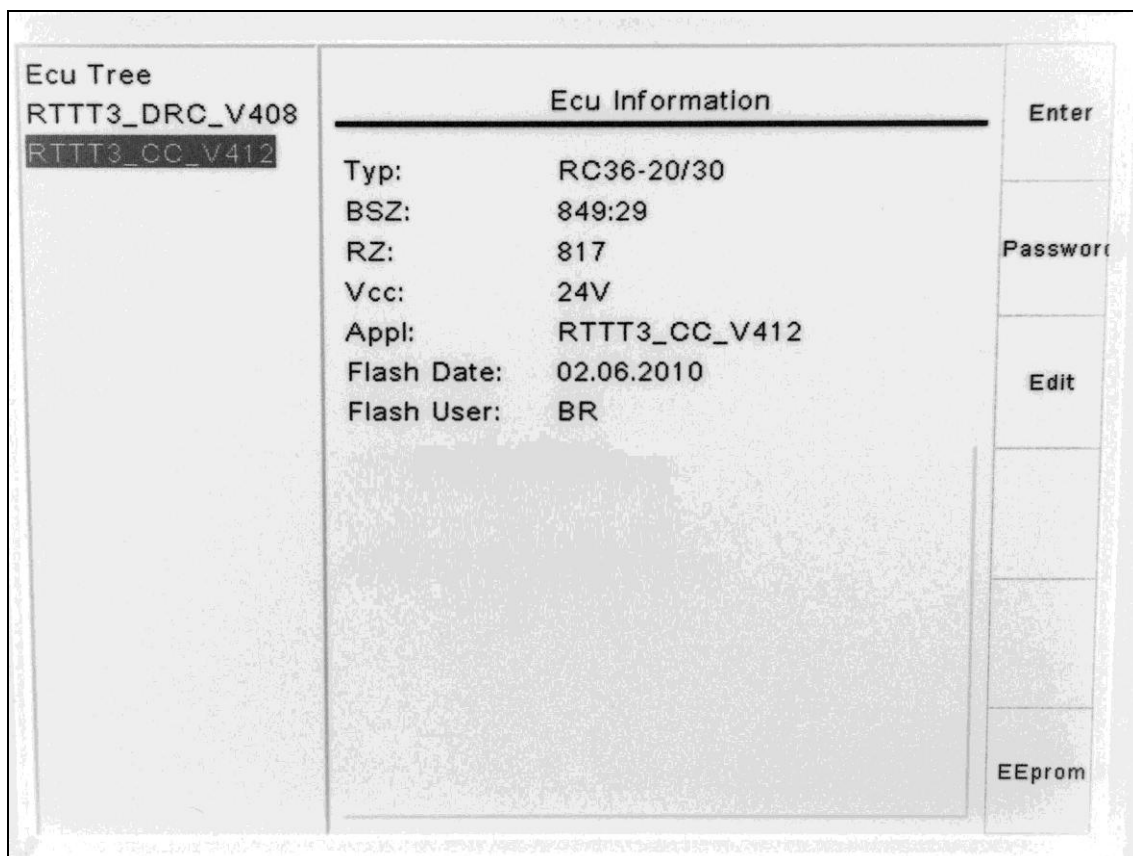
On the left of each subpage the ECU Tree is shown. This Tree can be used to navigate through different subpages and to switch between different ECU's. In the middle a empty field is shown in which information will be shown after selecting a row in the ECU tree. On the right a bar is shown which explains the function of the buttons.

Press button 1 – Scan to scan for the vehicle ECU's.

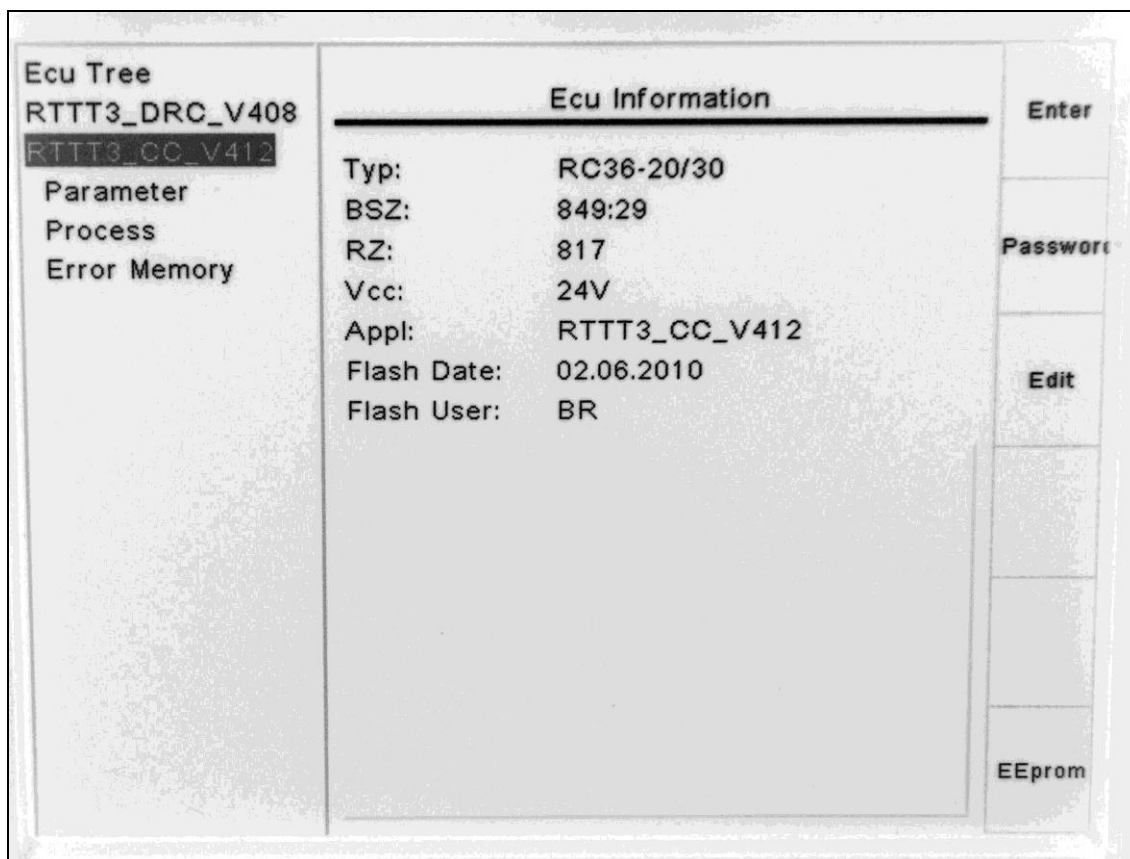


Use the jog-dial to move the 'cursor' (coloured bar) to one of the listed ECU's, and press button 1 – Enter to select the ECU.

The information of the ECU will be shown in the middle:



Press button 1 – Enter again to fold out the ECU in the ECU Tree:



Three options are available; Parameter, Process Data and Error Memory. These three will be explained in the next chapters.

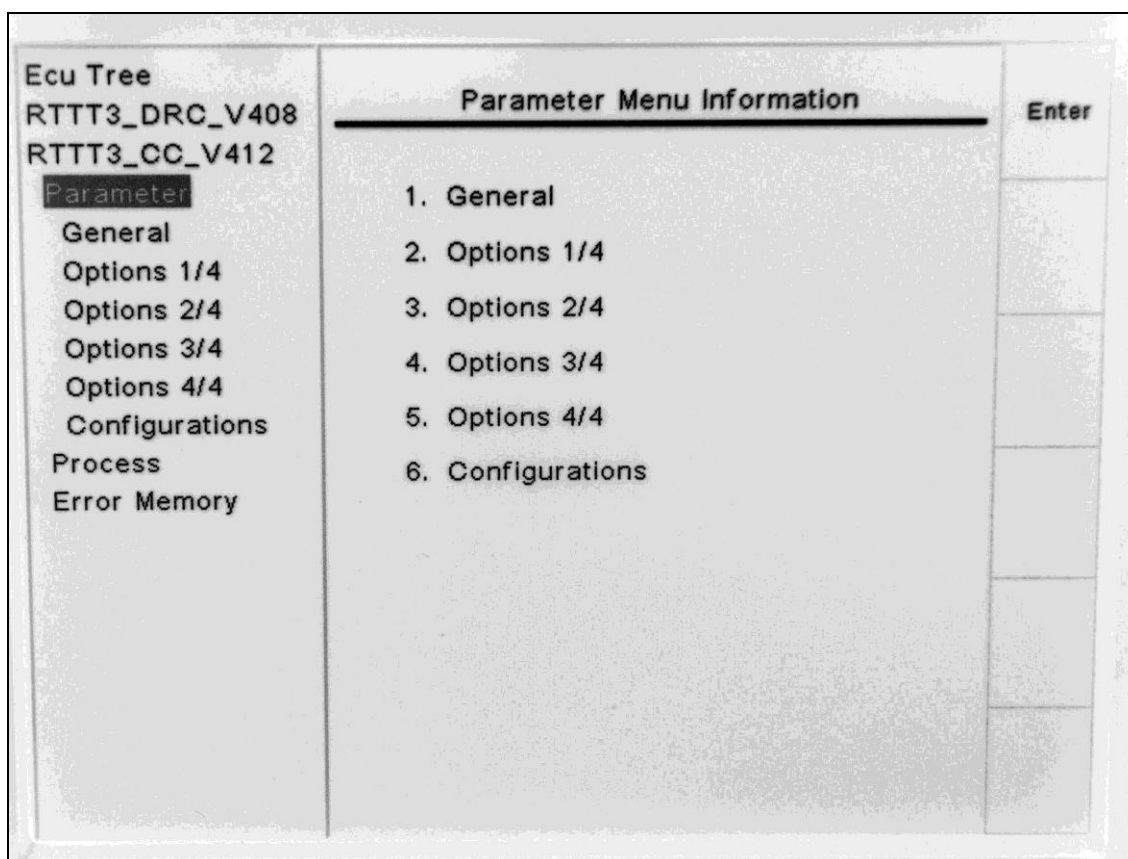
11.1 Parameter

Via Parameter settings functionality, limitations and calibrations can be altered.

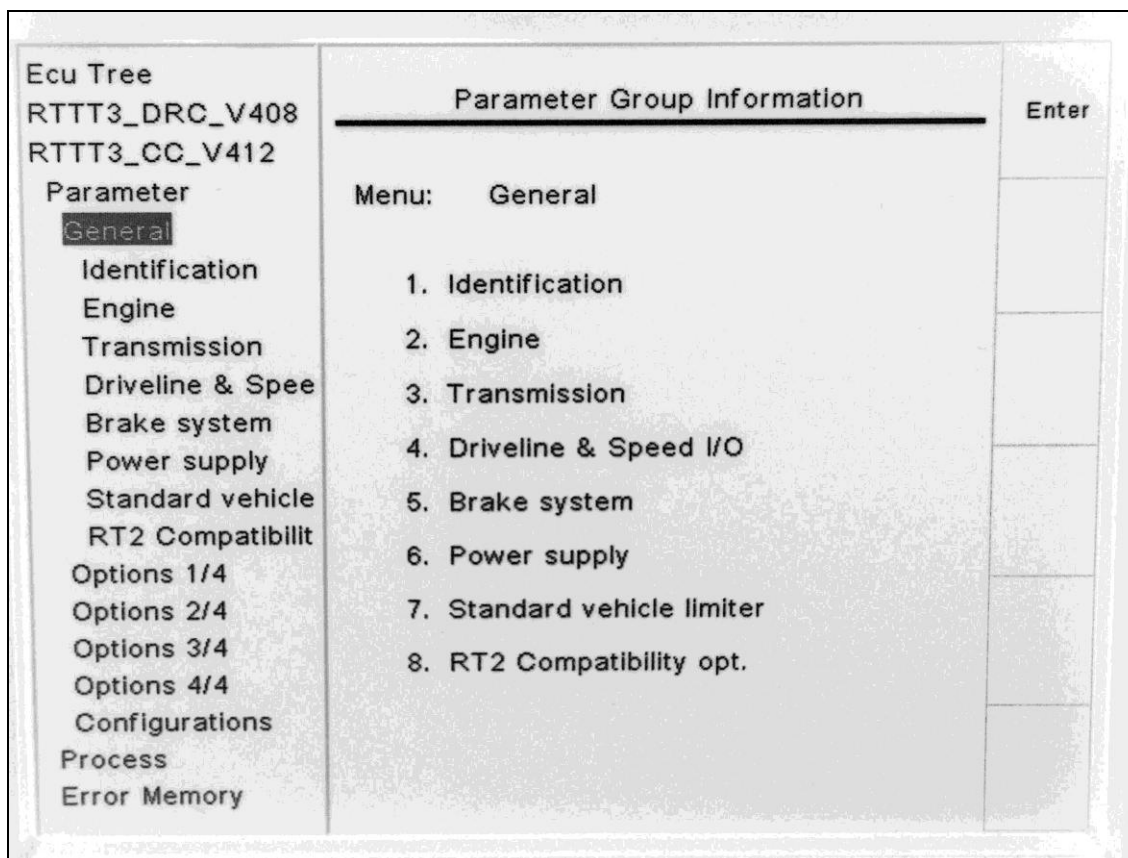
m WARNING

Adjusting parameters is to be done by trained personnel only. Altering parameters could change the vehicle response/behaviour. Take great care when doing so and always perform a test-drive with the new parameter setting.

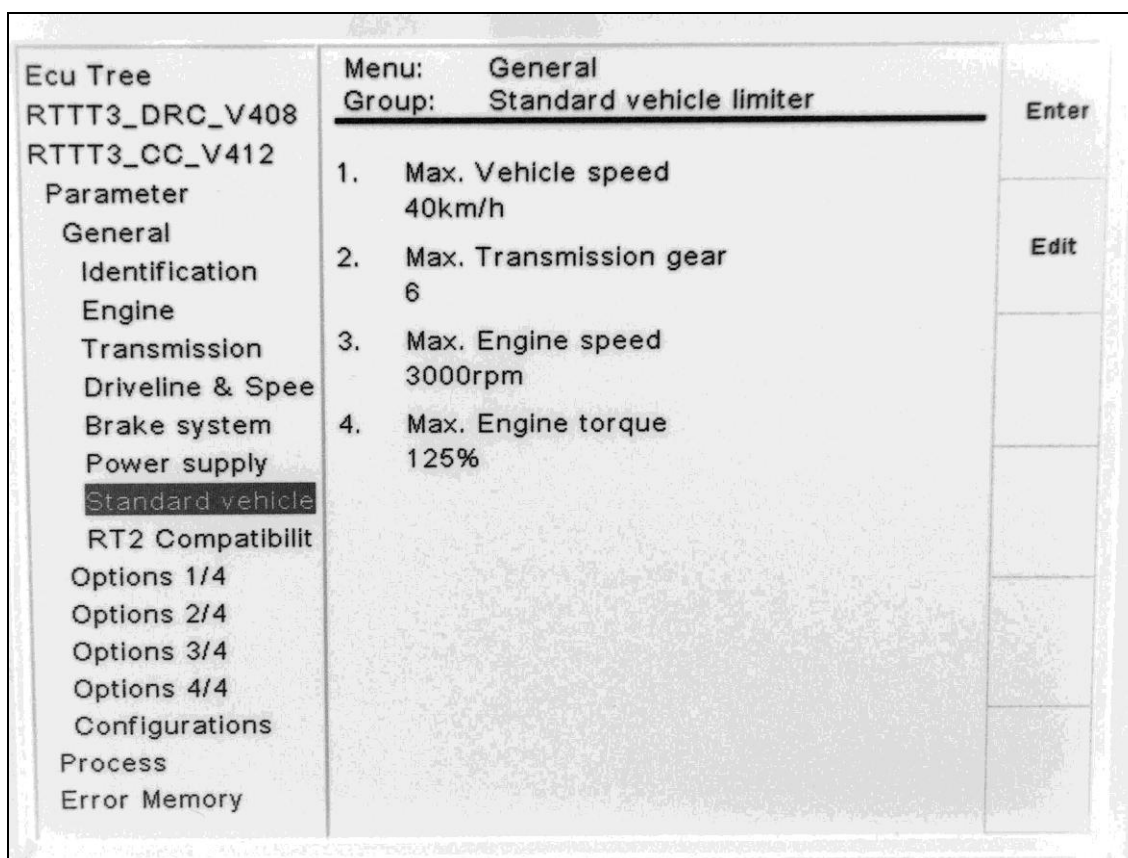
To request the parameter settings, fold out the ECU Tree of the ECU you wish to alter, use the jog-dial to scroll to 'Parameter' and press button 1 – Enter two times. The parameter groups will fold out and the following subpage will appear:



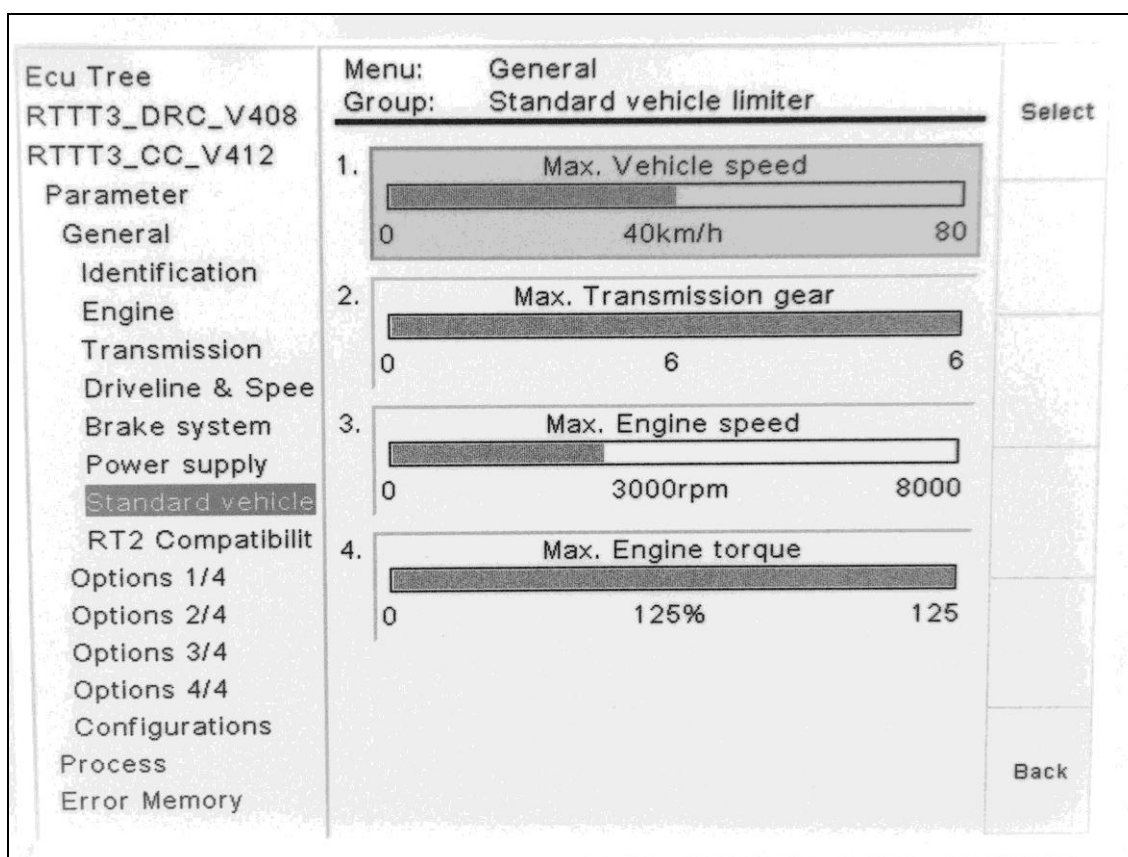
Again, scroll to the parameter group you wish to alter and press button 1 – Enter two times. The parameter subgroups will fold out and the following subpage will appear:



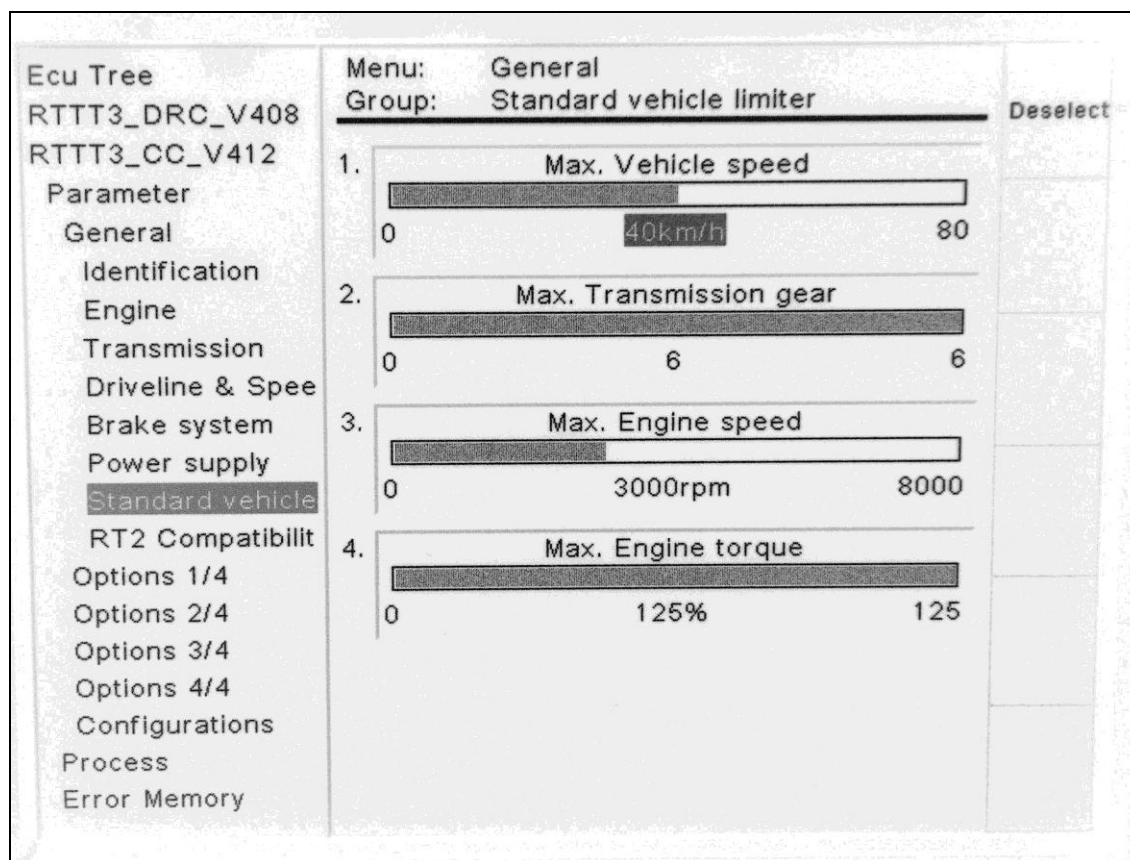
Scroll to the parameter subgroup you wish to alter and press button 1 – Enter once. The parameters in this subgroup will become visible in the middle of the subpage:



Press button 2 – Edit to move the cursor to the middle of the screen.

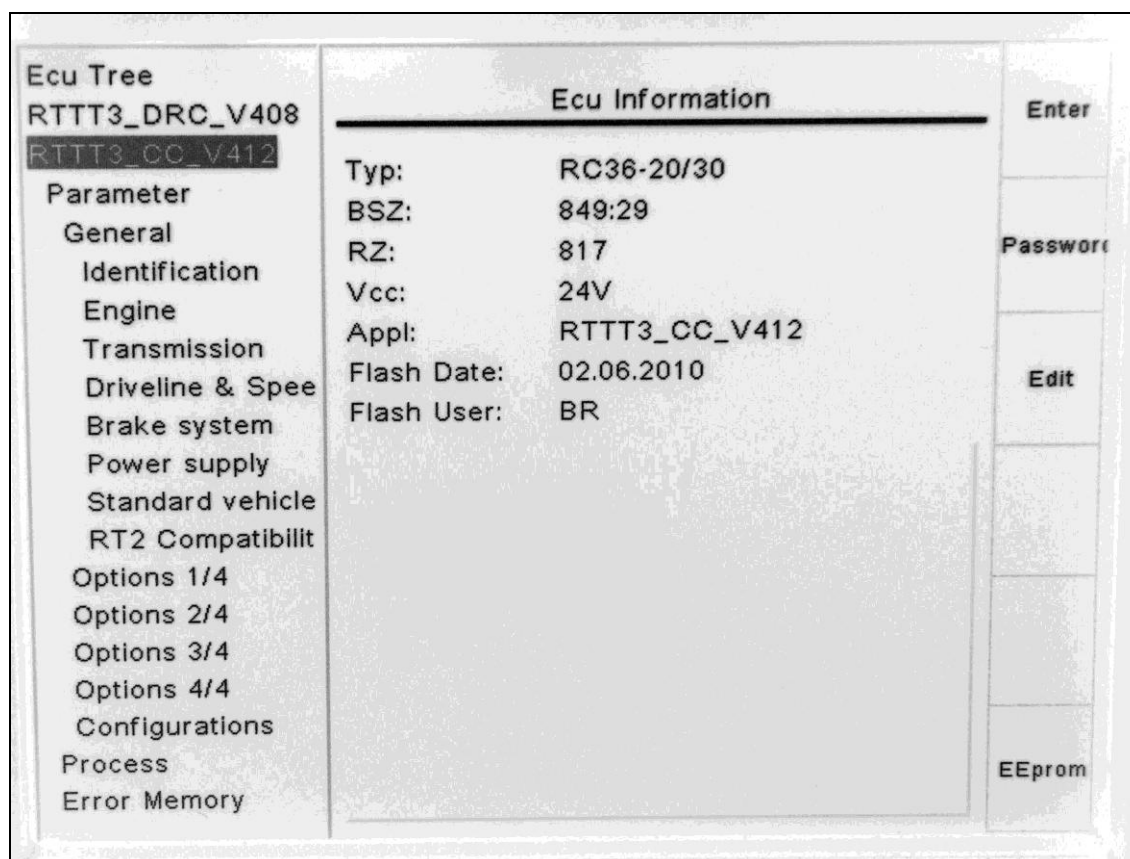


Move the cursor with the jog-dial to the parameter you wish to alter and press button 1 – Select.



By moving the jog-dial, the parameter can be altered. Leave this option by pressing button 1 – Deselect after you're done. Press button 6 – Back to move the cursor back to the ECU Tree.

The current parameter value will be stored as long as the ignition key is in position 1. After the ignition key has been turned to 0 the settings will be lost. To store the parameters permanently, the parameters have to be saved. To do so, move the cursor to the ECU, and select it by pressing button 1 – Enter.



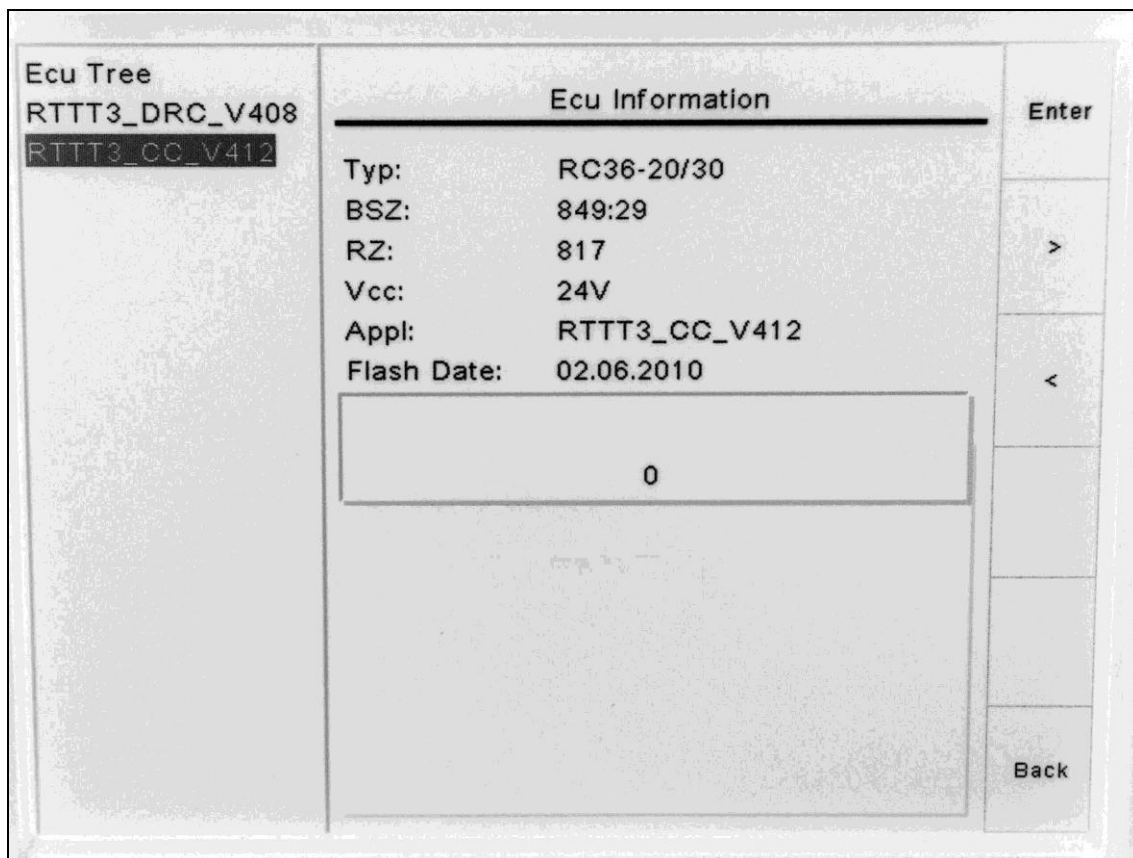
Press button 6 – EEPROM to store the current parameter settings permanently to the ECU.

11.1.1 Parameter Password

Some parameters are only available after entering a password. To enter this password, select one of the controllers and press button 2 – Password.

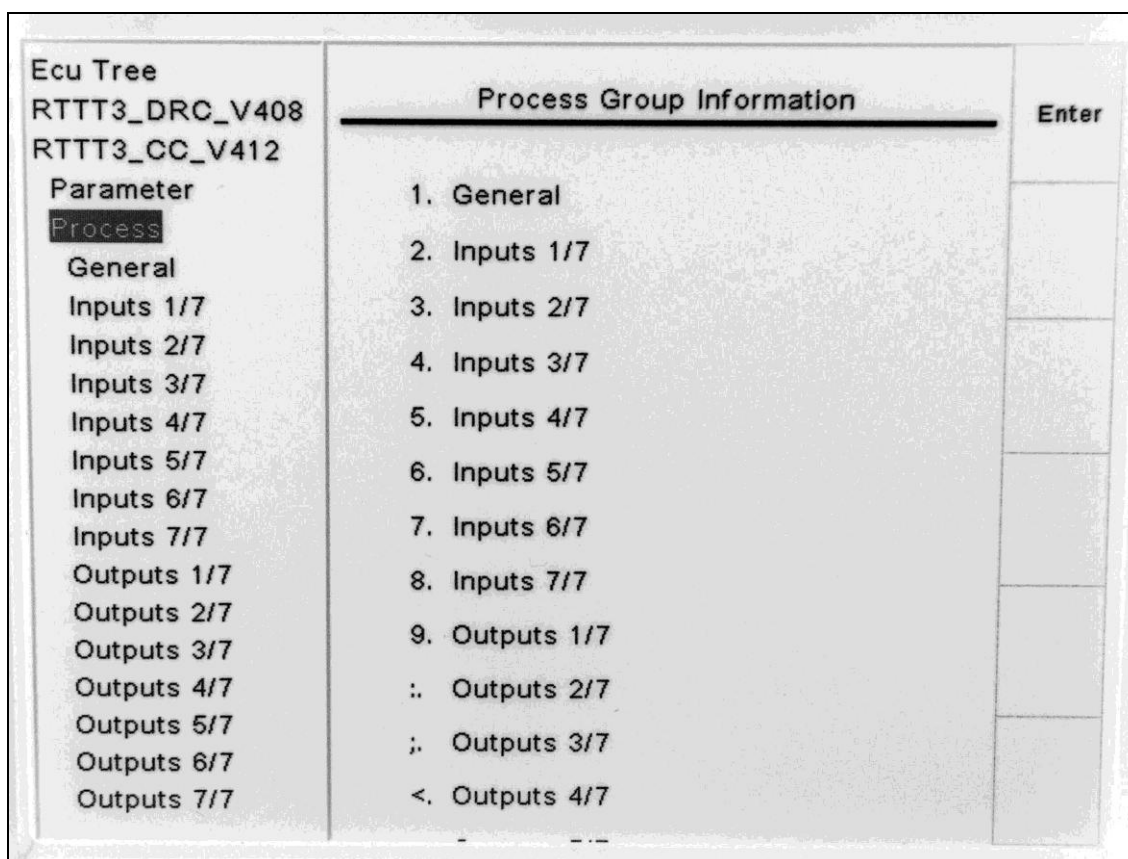
A popup will appear in the middle of the screen. To insert a password, change the current number by turning the jog-dial and select the different positions with button 2 - > and button 3 - <. Press button 1 – Enter to confirm the set password. The popup screen will disappear. Now you can proceed to the parameters in which, after entering a valid password correctly, more parameters will be available to alter.

Please note: if you have to enter e.g. 1234, press enter after setting the '4'. Do not press button 2 - > first. This will set the password to 12340, which is not correct.

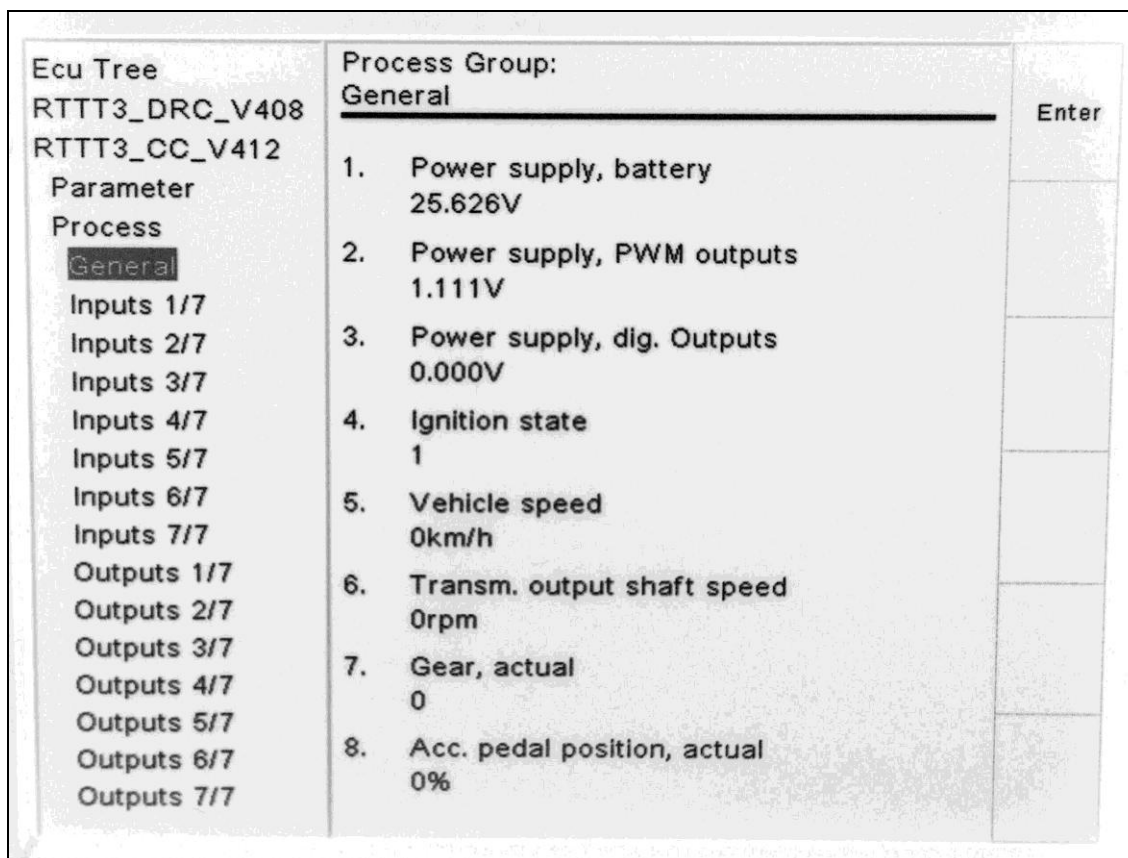


11.2 Process Data

Via Process Data functionality, the actual vehicle state can be monitored. In- and outputs are displayed and also some numerical values. To request the process data, fold out the ECU Tree of the ECU you wish to monitor, use the jog-dial to scroll to 'Process' and press button 1 – Enter two times. The parameter groups will fold out and the following subpage will appear:



Scroll to the Process Data group you wish to monitor and press button 1 – Enter once. The Process Data in this group will become visible in the middle of the subpage:



11.3 Error Memory

Via the Error Memory, actual and saved error codes can be requested and deleted. To request the error memory, fold out the ECU Tree of the ECU you wish to check, use the jog-dial to scroll to 'Error Memory' and press button 1 – Enter once. The following subpage will appear:

Ecu Tree		Active Errors:				
RTTT3_DRC_V408						
RTTT3_CC_V412						
Parameter						
Process						
Error Memory						
1.	0x80C9	2	254	850:12		
50-202: Park brake 1						
2.	0x860D	2	254	850:12		Delete A
10-1549: Shift lever dir.						
3.	0x860E	2	254	850:12		
10-1550: Shift lever gear						
4.	0x83FE	9	254	850:12		Delete S
40-1022: CAN 1 BUS-OFF						
5.	0x8409	9	254	850:12		
40-1033: CAN 3 BUS-OFF						
6.	0x83F8	9	254	850:12		
40-1016: CAN3 receive						
7.	0x85E5	5	254	850:12		
40-1509: Fuel level sensor						
Saved Errors:						
1.	0x80C9	2	2	848:48		Back
50-202: Park brake 1						

Press button 2 – Active E to delete the actual errors.

Press button 3 – Stored E to delete the saved errors.

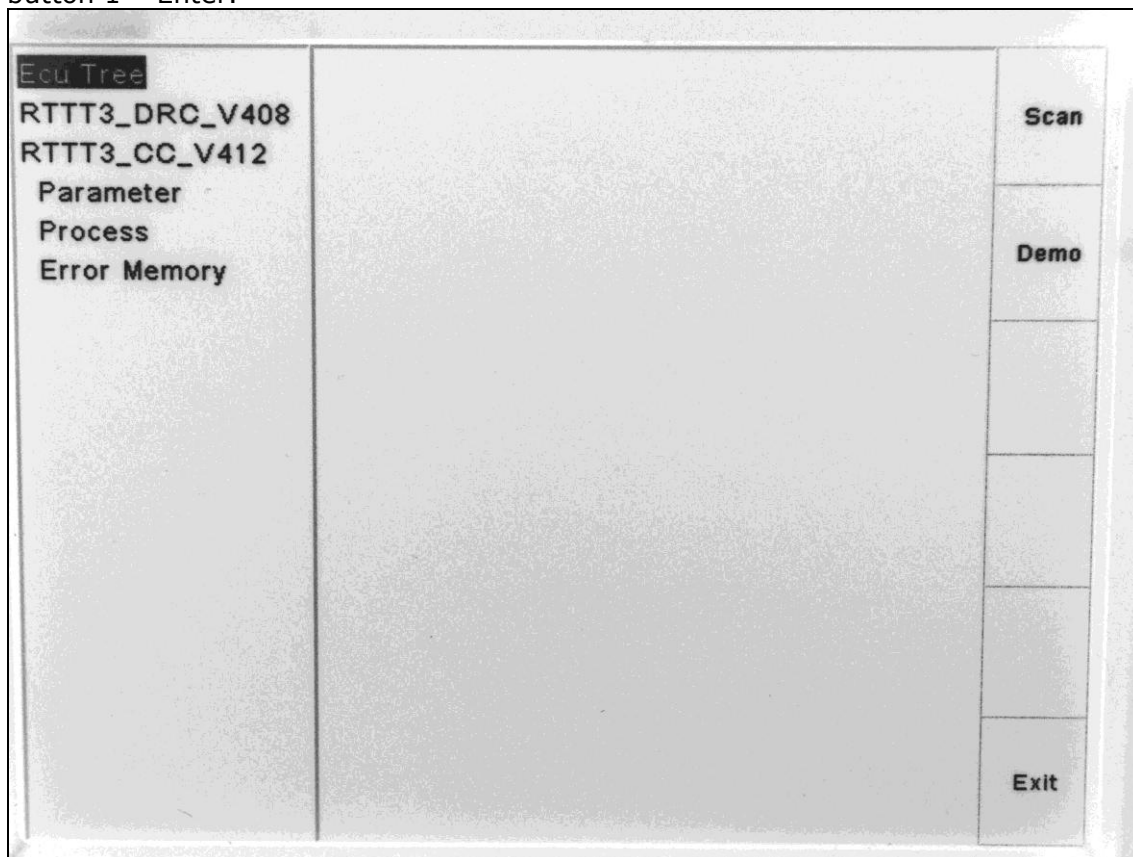
Press button 6 – Back to move the cursor back to the ECU Tree.

Use the jog-dial to move the list of error codes if the list is longer then one subpage.

To update the error code list, press button 6 – Back and select 'Error Memory again'.

11.4 Exit Diagnostics

To exit the Diagnostics page, move the cursor to the top of the ECU Tree and press button 1 – Enter.



Now press button 6 – Exit, to leave the Diagnostics page.

12 Page: Output Activation CC

This page provides the possibility to enable a specific output of the controller to be activated, overruling any condition in the software.

m WARNING

As software conditions are overruled, use this page with extreme caution.

Before activating an output, consider what is going to happen to anticipate on the result of activating the output.

Output activation is meant for short activation of the outputs. Activate the output only as long as absolutely necessary.

Press button 1 – MENU => select Terberg Service Tools => select Output Activation CC.

1SP: transm. neutral	1Logical steering REV		MENU
1Park brake solenoid 2	1Logical steering FWD		
1Hazard switch lamp	1Air release sol.	1Logical lighting relay	EXIT
1SP: 5th wheel height	1Rear axle diff. lock sol.	1Trailer dir. ind. right	
1SP: 5th wheel locked	1Inter axle diff. lock sol.	1Trailer dir. ind. left	
1SP: park brake active	1Park brake solenoid 1	1Direction ind. right	
1SP: seat unlocked	1Seat unlocking sol.	1Direction ind. left	
1SP: seat reversed	15th wheel unlocking sol.	1Brake lights	
1SP: seat forward	1Windscr. washer motor	1Trailer light right 2	
1SP: min. veh. speed	1Wiper rear relay	1Trailer light right 1	
1Extra hydraulics 2 sol.	1Wiper front speed2 rel.	1Trailer light left 2	
1Extra hydraulics 1 sol.	1Wiper front speed1 rel.	1Trailer light left 1	
15th wheel lowering sol.	1Vehicle horn relay	1D+ engine running	
15th wheel lifting sol.	1Rotating beacon	1Engine start relay	
1Freeflow/Prop. low sol.	1Reversing light	115+ Engine controller	
1Seat turning sol.	1Working light(s)	115+ Relay	
1Steer block right sol.	1Fog light		
1Steer block left sol.	1Reversing buzzer		

By turning the jogdial, a coloured bar will scroll over the different controller outputs. Select the output you wish to activate. Press button 6 – Activate to activate the selected output. By turning the jogdial again, or leaving the page, the output will be deactivated.

13 Page: Output Activation DRC

This page provides the possibility to enable a specific output of the controller to be activated, overruling any condition in the software.

m WARNING

As software conditions are overruled, use this page with extreme caution.

Before activating an output, consider what is going to happen to anticipate on the result of activating the output.

Output activation is meant for short activation of the outputs. Activate the output only as long as absolutely necessary.

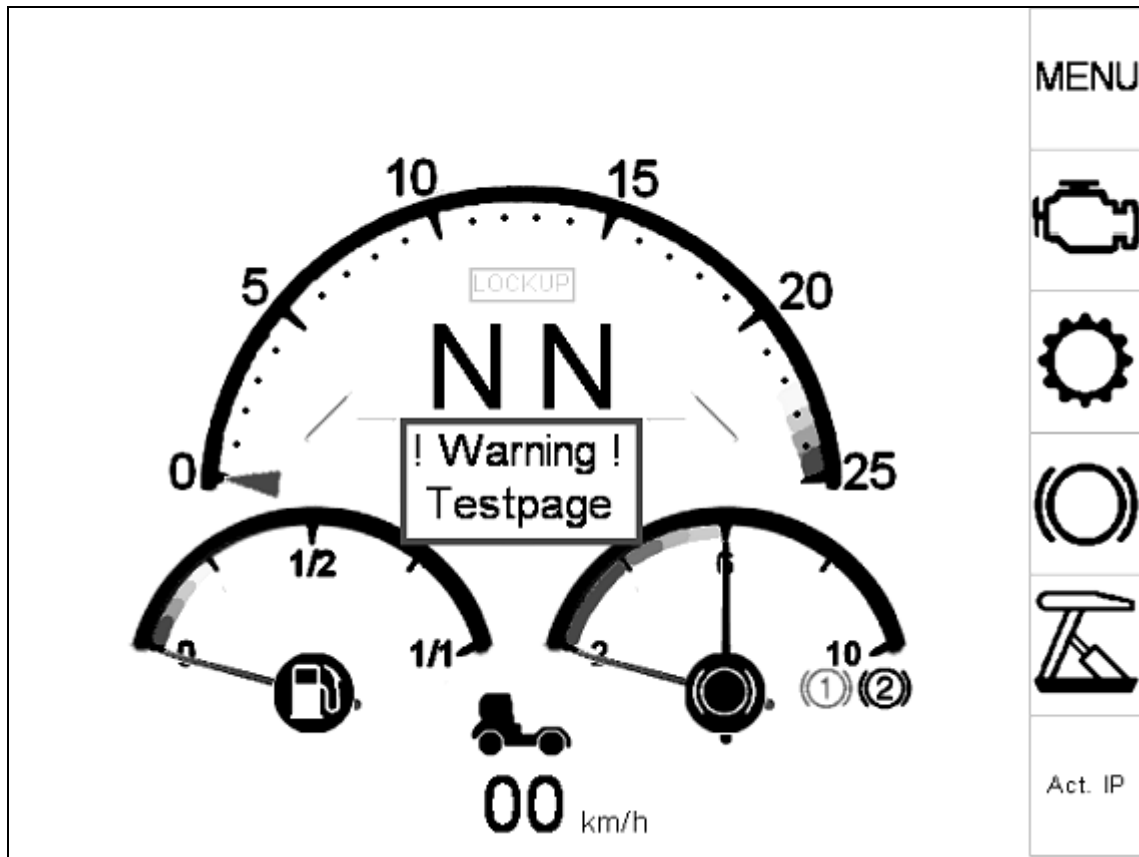
Press button 1 – MENU => select Terberg Service Tools => select Output Activation DRC.

1Cabin buzzer	MENU
1Full beam right	
1Full beam left	EXIT
1Dipped beam right	
1Dipped beam left	Activ.
1Park/Rear lights right	
1Park/Rear lights left	
1Seat heating output	
	

By turning the jogdial, a coloured bar will scroll over the different controller outputs. Select the output you wish to activate. Press button 6 – Activate to activate the selected output. By turning the jogdial again, or leaving the page, the output will be deactivated.

14 Page: Test Instrument Panel

Press button 1 - MENU => select Terberg Service Tools => select Test Instrument Panel.



This page is a copy of the Instrument Panel and can be used to perform a lamp test.

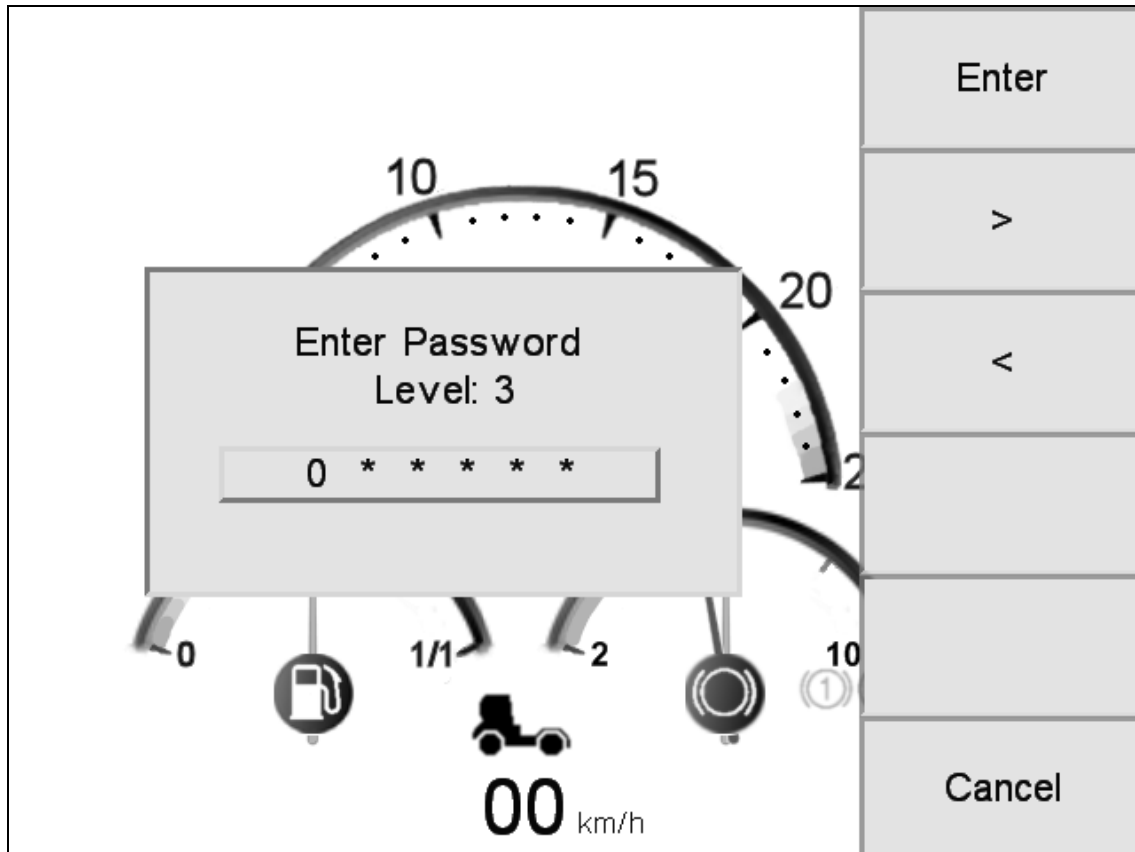
Press button 6 - Act. IP (which stands for Activate Instrument Panel) to activate almost all of the telltales and indicator lights.

15 Password protected pages

m WARNING

Some pages do require a password to gain access. Please note that these pages always require specific knowledge and/or training. Make sure to read this entire manual before entering a password protected page.

The following screen will appear after selecting a password protected page in the menu:



To insert a password, change the current number by turning the jog dial and select the different positions with button 2 - > and button 3 - <. Press button 1 - Enter to confirm the set password and enter the secure page.

m WARNING

By using the passwords below you confirm that you have read this entire manual and that you will take great caution while using the password protected pages!

Password Level 3: 3405
Password Level 4: 459211

Press button 6 - Cancel to leave the password screen.