

DAIMLER TRUCK

New Parametrization Workflow via EPT Quick Guide



DAIMLER
TRUCK
Financial Services

New parametrization workflow

Starting Parametrization via DTD

New parametrization workflow

The screenshot shows the Daimler Truck Diagnosis software interface. The top bar displays the vehicle model "Actros (963) 963.404", the battery voltage "12.0V", and the ignition status "Ignition ON". The main window is titled "Diagnosis" and contains a search bar. The search results list various vehicle components, with "EIS - Electronic ignition lock (A156)" highlighted by a blue selection bar. The left sidebar features icons for Home, Diagnosis, and Configuration. At the bottom, there are buttons for "Start quick test", "Clear fault memory", "Open TIPS results", "Implement test prerequisites", "Tests", and "Continue".

Component	Description
DCMD	Door module "Driver" (A16)
DCMP	Door module "Front passenger" (A17)
EAPU	Electronic Air-Processing Unit (A18)
EBS	Electronic brake system (A10b)
EIS	Electronic ignition lock (A156) (Selected)
FNPD	Finger navigation pad (A19a)
HUS	Head unit screen (A154)
HVAC	Heating, ventilation and air conditioning (A12b)
IC	Instrument cluster (IC) control unit (A151)
ICS	Instrument cluster screen (A153)
PPC	Predictive Powertrain Control (A56)
ITH	Auxiliary heating (A13)
MCM	Engine management (A4)
MDD	Driver display MirrorCam (A159)
MDP	Front passenger display MirrorCam (A160)
MPC	Multifunction camera (MPC) (A84)
MS	Maintenance system (A2 a3)
PD	Preventive maintenance (A2 a4)
RDF	Front radar sensor (A15)

Link to EPT: <https://ept.vus.tbinter.net/dashboard/user-view>

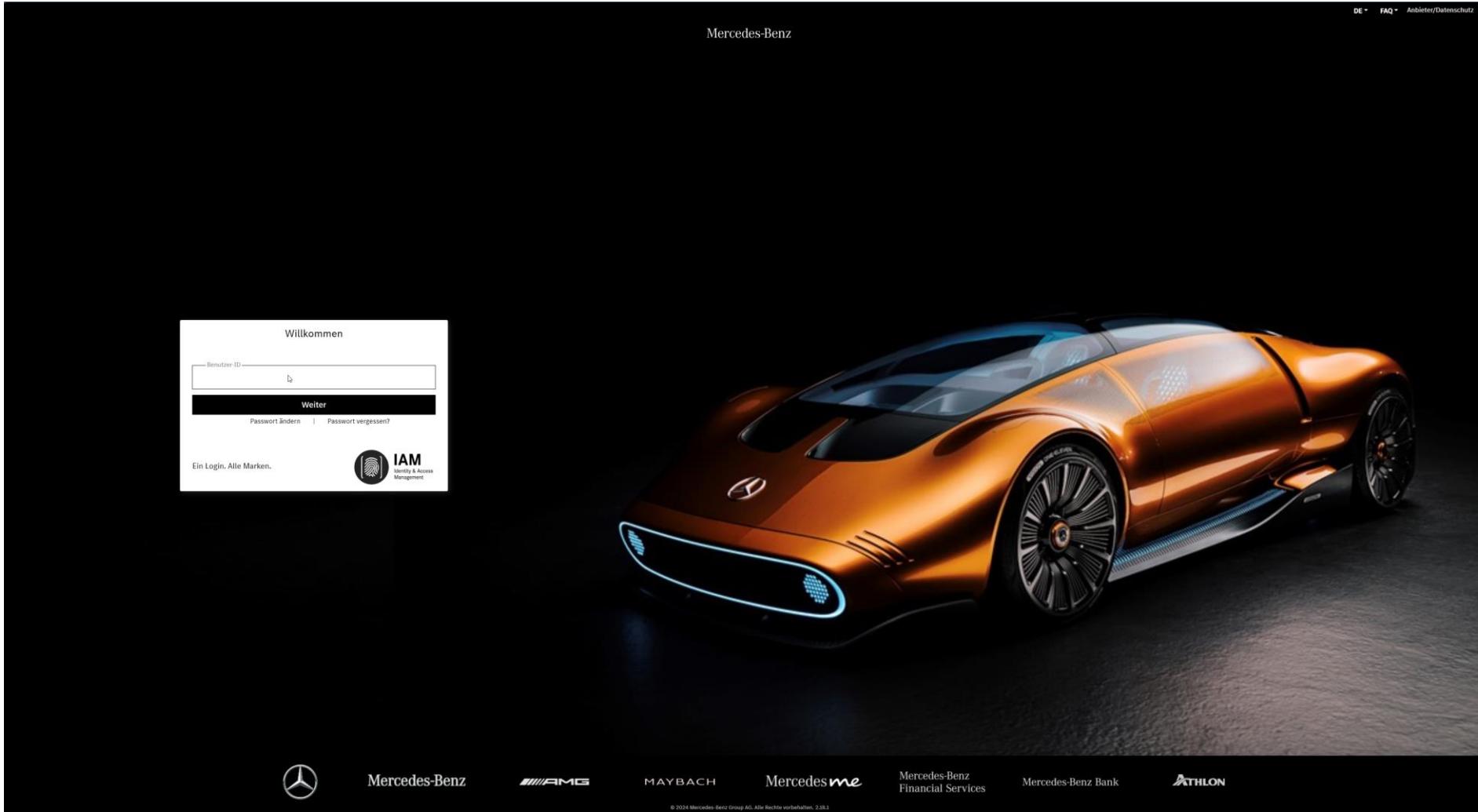
New parameterization workflow

The screenshot shows the Daimler Truck EPT software interface. The top bar displays the vehicle information "Actros (963) 963.404", the environment "E: All T: All", and the truck model "DAIMLER TRUCK". The navigation bar includes links for Diagnosis, EIS - Electronic ignition lock (A156), and various tabs like Version, Error codes / Events, Actual values, Adaptations, Control unit log, and Expert functions. The main left sidebar under "Selection" lists Teach-in processes, Parameterization (which is selected and highlighted in blue), and Initial startup. The right panel is titled "EPT: Parameterization" and "Daimler Truck EPT". It contains a section titled "Notes" with the following bullet points:

- The parameters are adjusted via the automatically opened web browser.
- The change to this process allows legal requirements to be fulfilled more easily.
- The changed parameters are provided after a check in XENTRY.

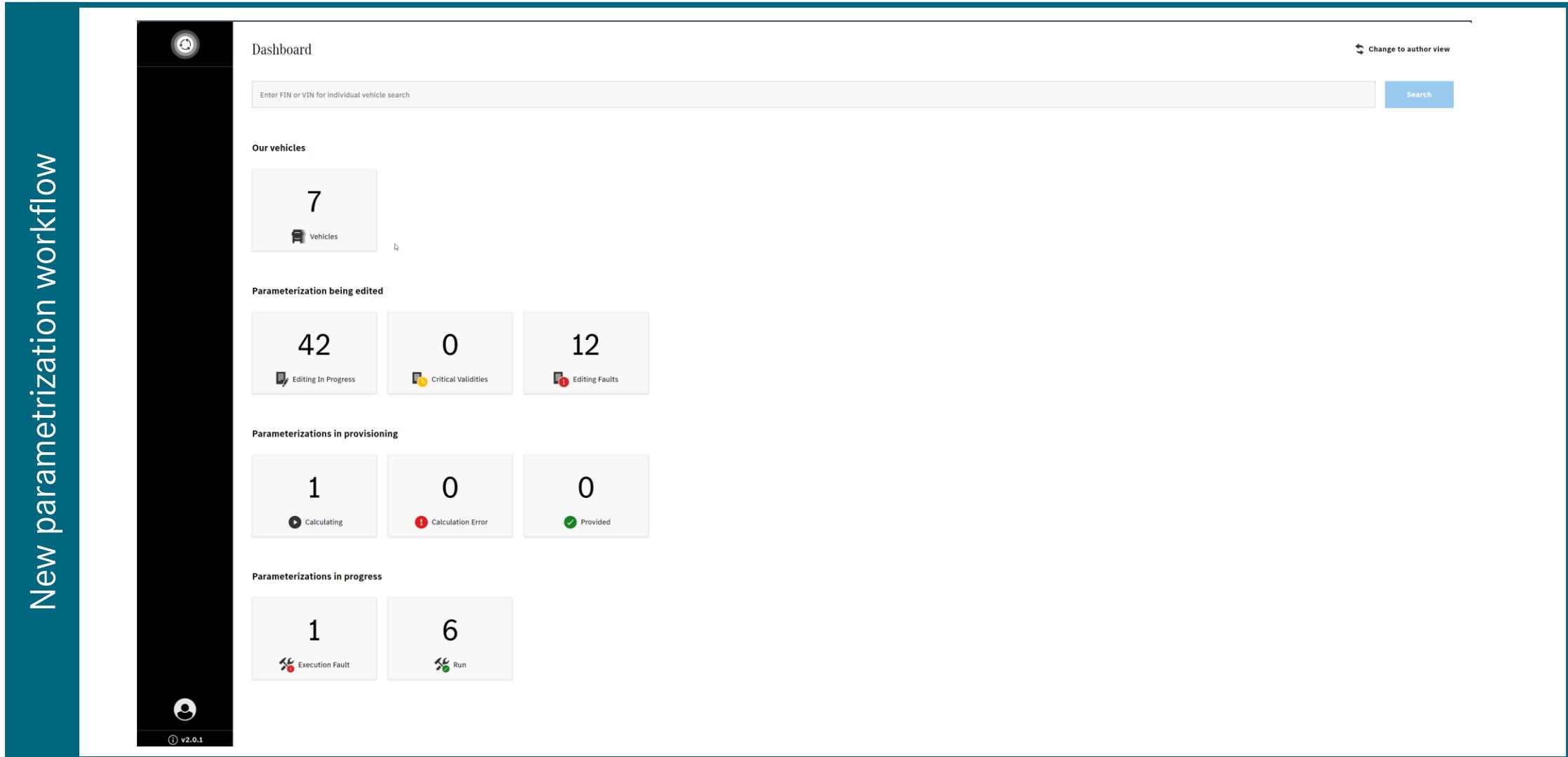
Two factor authentication with USER-ID

New parametrization workflow



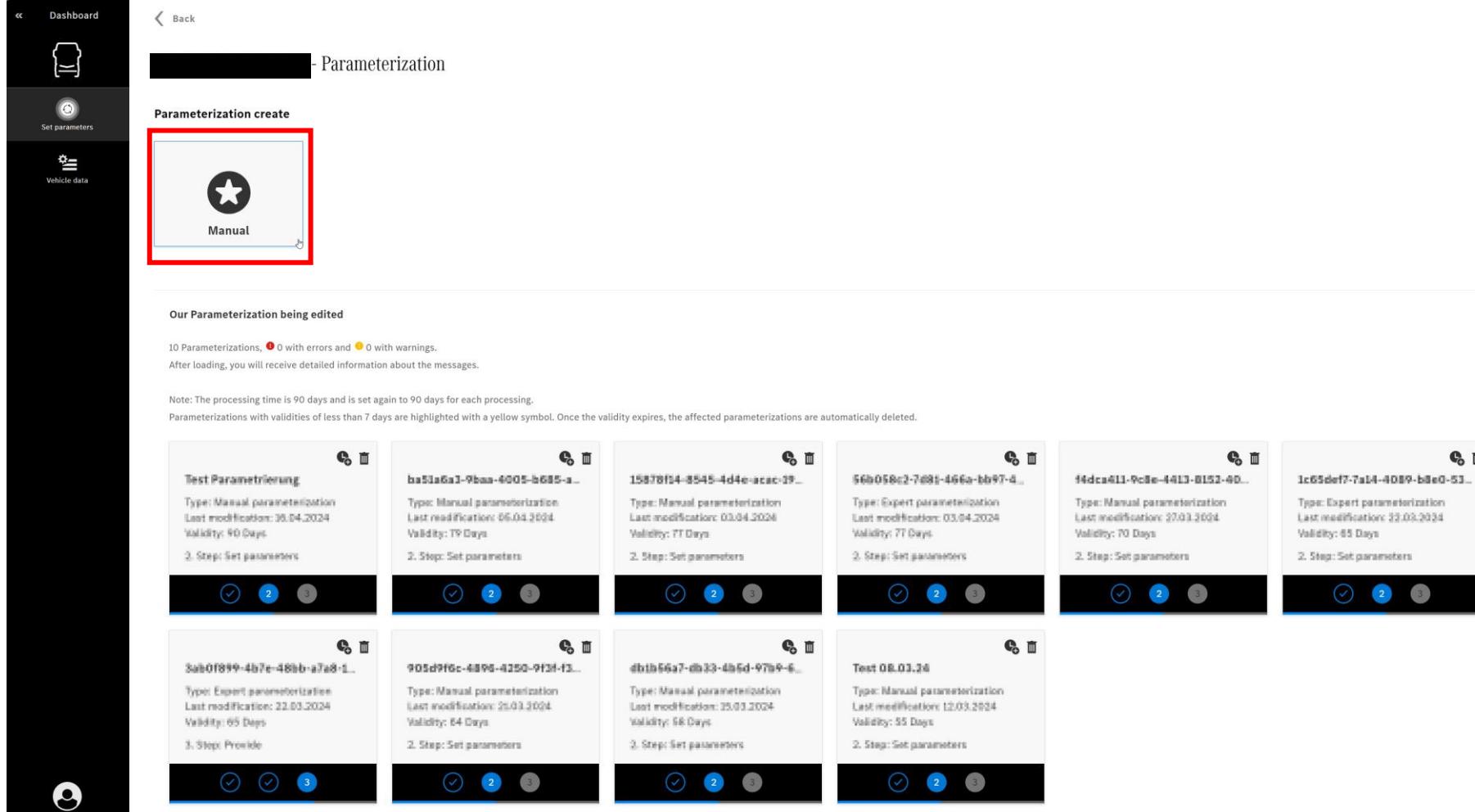
EPT Dashboard

New parametrization workflow



Create new manual parametrization

New parametrization workflow



The screenshot shows the 'Parameterization create' screen. At the top left is a sidebar with icons for Dashboard, Set parameters, and Vehicle data. The main area has a title 'Parameterization create' and a sub-section 'Our Parameterization being edited'. A red box highlights the 'Manual' button, which has a star icon. Below this, there's a note about errors and warnings, and a note about processing times. The main content area displays a grid of parameterizations. Each card shows a preview icon, ID, type, last modification date, validity, and step status. Most cards have a yellow warning symbol. One card at the bottom is labeled 'Test 08.03.24'.

ID	Type	Last modification	Validity	Status
Test Parametrizing	Manual parametrization	08.03.2024	90 Days	Step 2: Set parameters
ba51a6a3-9baa-4005-b685-a...	Manual parametrization	08.04.2024	78 Days	Step 2: Set parameters
15878f14-8545-4d4e-acac-39...	Manual parametrization	03.04.2024	77 Days	Step 2: Set parameters
56b058c3-7e91-466a-bb97-4...	Expert parametrization	03.04.2024	71 Days	Step 2: Set parameters
44dca413-9c8e-4413-0152-40...	Manual parametrization	27.03.2024	70 Days	Step 2: Set parameters
1c65def7-7a14-4089-b8e0-53...	Expert parametrization	27.03.2024	65 Days	Step 2: Set parameters
8ab0f899-4b7e-48bb-a7a8-1...	Expert parametrization	22.03.2024	65 Days	Step 3: Provide
905d9f6c-4896-4250-9f31-f3...	Manual parametrization	25.03.2024	64 Days	Step 2: Set parameters
dbfb66a7-d833-4b5d-97b4-6...	Manual parametrization	25.03.2024	63 Days	Step 2: Set parameters
Test 08.03.24	Manual parametrization	12.03.2024	55 Days	Step 2: Set parameters

Insert basic information for new manual parametrization identification

New parametrization workflow

The screenshot shows a software interface for managing parametrizations. On the left, a sidebar lists 'Dashboard', 'Set parameters' (selected), and 'Vehicle data'. The main area displays a 'Test parametrization' entry with the following details:

- Type:** Manual parametrization
- Name:** Assign Test parametrization
- Note:** Test notes
- Affected control units:** Keine

At the bottom right of the main area is a blue 'Set parameters' button.

Choose desired ECU

New parametrization workflow

The screenshot shows a user interface for selecting an ECU. On the left is a dark sidebar with icons for Dashboard, Set parameters, and Vehicle data. The main area has tabs for Test parametrization, Properties (which is selected), Set parameters, and Provide. A search bar at the top allows entering an identifier or part of it to narrow down the search radius, with a 'Filter' button. Below the search bar is a grid of 24 ECUs arranged in four rows of six. The ECUs are: ACM301T v2.0, APS301T v1.0, ASAM01T v3.0, CDS02T v1.0; CGW04T v1.0, COM02T v1.0, CPC501T v1.0, CTP01T v1.0; DCMD01T v1.0, DCMP01T v1.0, EAPU03T v1.0, EBS01T v1.0; EIS02T v5.0 (highlighted with a dark background), FNPAD01T v1.0, HVAC01T v1.0, ICC501T v2.2; IPPC01T v1.0, MCM21T v2.0, MDD01T v1.0, MDPO1T v1.0; MPC02T v1.0, MS01T v1.0, PDO2T v1.0, RDF02T v1.0; RET01T v1.0, SRRR01T v1.0, TCM01T v1.0, TCO02T v1.0; TPM02T v1.0, VRDU02T v1.0, XMCO1T v1.0. At the bottom right, a message says 'You have selected EIS02T' and a blue 'Apply selection' button.

Properties

Set parameters

Provide

Enter Identifier or parts of it to narrow down the search radius

Filter

ACM301T v2.0	APS301T v1.0	ASAM01T v3.0	CDS02T v1.0
CGW04T v1.0	COM02T v1.0	CPC501T v1.0	CTP01T v1.0
DCMD01T v1.0	DCMP01T v1.0	EAPU03T v1.0	EBS01T v1.0
EIS02T v5.0	FNPAD01T v1.0	HVAC01T v1.0	ICC501T v2.2
IPPC01T v1.0	MCM21T v2.0	MDD01T v1.0	MDPO1T v1.0
MPC02T v1.0	MS01T v1.0	PDO2T v1.0	RDF02T v1.0
RET01T v1.0	SRRR01T v1.0	TCM01T v1.0	TCO02T v1.0
TPM02T v1.0	VRDU02T v1.0	XMC01T v1.0	

You have selected EIS02T

Apply selection

Choose Coding Tool Group as required

New parametrization workflow

The screenshot shows a software interface for 'Test parametrization' on a 'EIS02T' control unit. The main area is titled 'Properties' and displays a list of coding tools. A search bar at the top allows filtering by name. A checkbox labeled 'Mark all' is checked, and a dropdown menu is open, showing the option 'Functions of control unit "Adaptations"'. The sidebar on the left includes links for 'Dashboard', 'Set parameters', and 'Vehicle data'. The bottom right corner indicates 'You have selected 1 Coding tools' and has a blue button labeled 'Apply selection'.

EIS02T (Variant App_0106)

Please select the desired Coding tools from the 'EIS02T' control unit. Every selected Coding tool is automatically added to the table on the left. You can change this selection at any time.

Enter Name or parts of it to narrow down the search radius

Filter

Mark all

Functions of control unit "Adaptations"

You have selected 1 Coding tools

Apply selection

v2.0.1

Change parameters as required

New parametrization workflow

The screenshot shows the 'Set parameters' tab selected in the top navigation bar. The main area displays a table of parameters for the 'Functions of control unit "Adaptations"'. Two parameters are listed:

ID	Parameter	Target value
0362.00	Engine start enable TrailerRemoteStart	Target value enter NOT ACTIVE
0385.00	Shutoff of terminal 15 Abschaltzeit_IgnOn	Target value enter Shutoff after a period of 2 h

At the bottom right of the interface, a message states: 'You have changed 2 Parameter. Correct the existing faults (0.)'.

Summary of defined parameter changes

⚠ Provisioning only possible when DTD short test for this vehicle was once executed in same workshop

New parametrization workflow

The screenshot shows the 'Set parameters' tab selected in the top navigation bar. The main content area displays a table of parameters for the EIS02T control unit. The table has columns for ID, Parameter, Output value, and Target value.

ID	Parameter	Output value	Target value
EIS02T (Variante App_0106)			
0362.00	Engine start enable TrailerRemoteStart	NOT ACTIVE	
0385.00	Shutoff of terminal 15 Abschaltzeit_IgnOn		Shutoff after a period of 2 h

Functions of control unit "Adaptations"

0362.00 Engine start enable
TrailerRemoteStart

0385.00 Shutoff of terminal 15
Abschaltzeit_IgnOn

Export Edit parameter Provide

Confirm providing of parametrization

New parametrization workflow

The screenshot shows a user interface for managing vehicle parameters. On the left, there's a sidebar with icons for Dashboard, Test parametrization (selected), Properties, Set parameters, and Vehicle data. The main area shows a 'Parameter list (2)' for the control unit 'EIS02T (Variante App_0106)'. It lists two parameters: 'Engine start enable' (ID 0362.00) and 'Shutdown of terminal 15' (ID 0385.00). The 'Provide' button is highlighted in blue. A confirmation dialog box titled 'Parameterization Provide' asks 'Are you sure that you want to continue with the Provide of the Parameterization?' with 'Cancel' and 'Provide' buttons.

ID	Parameter	Output value	Target value
0362.00	Engine start enable TrailerRemoteStart	NOT ACTIVE	
0385.00	Shutdown of terminal 15 Abbrechzeit_IgnOn	Shutdown after a period of 2 h	

Automatic background check of provided parametrization

New parametrization workflow

The screenshot shows the 'Properties' tab of the parametrization interface. The 'Set parameters' tab is also visible. The 'Provide' tab is currently active. The 'Parameter list (2)' section contains the following data:

ID	Parameter	Output value	Target value
EIS02T (Variante App_0106)	Functions of control unit "Adaptations"	Implementing Provisioning...	
0362.00	Engine start enable TrailerRemoteStart	NOT ACTIVE	
0385.00	Shutdown of terminal 15 Abschaltzeit_IgnOn	Shutdown after a period of 2 h	

Confirmation of successful check and provisioning

New parametrization workflow

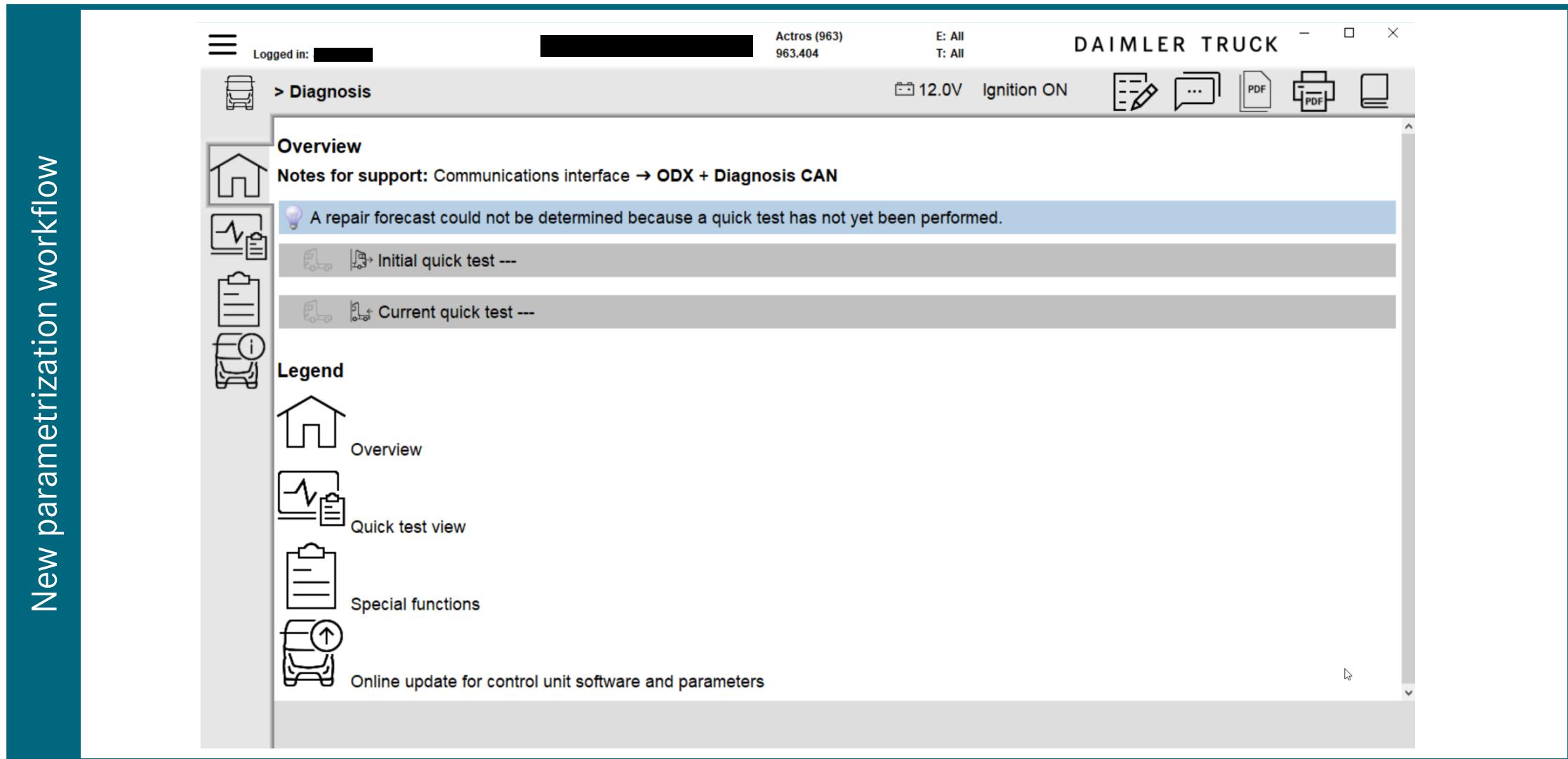
The screenshot shows a software interface for managing vehicle parameterizations. At the top, there are three tabs: 'Properties' (selected), 'Set parameters', and 'Provide'. On the left, a sidebar includes links for 'Dashboard', 'Test parametrization' (which is currently selected), 'Set parameters', and 'Vehicle data'. The main content area displays the following information:

- Information:** A message states: "This parametrization was handed over to provisioning on 16.04.2024."
- Type:** Manual parameterization
- Note:** Test notes
- Parameter list (2):** A warning message: "If you want to make changes, you must first delete the provisioning. Editing is then possible again, but changed parameters must be provided again."
- EIS02T (Variante App_0106):** A table showing two parameters:

ID	Parameter	Output value	Target value
0362.00	Engine start enable TrailerRemoteStart	NOT ACTIVE	
0385.00	Shutoff of terminal 15 Abschaltzeit_IgnOn	Shutoff after a period of 2 h	
- Footer:** Version v2.0.1, 'Export' button, and 'Delete provisioning' button.

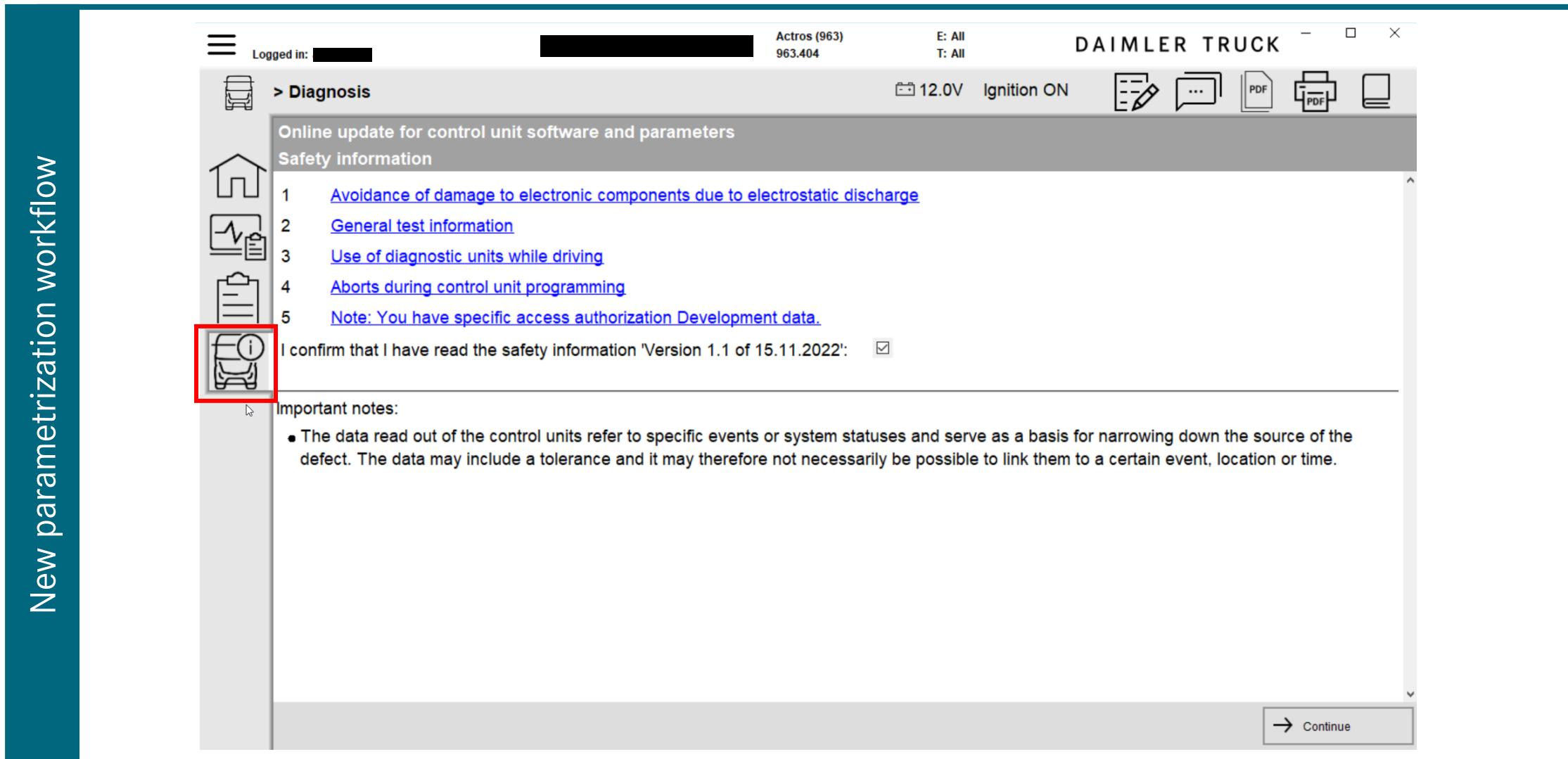
Connect DTD to vehicle

New parametrization workflow

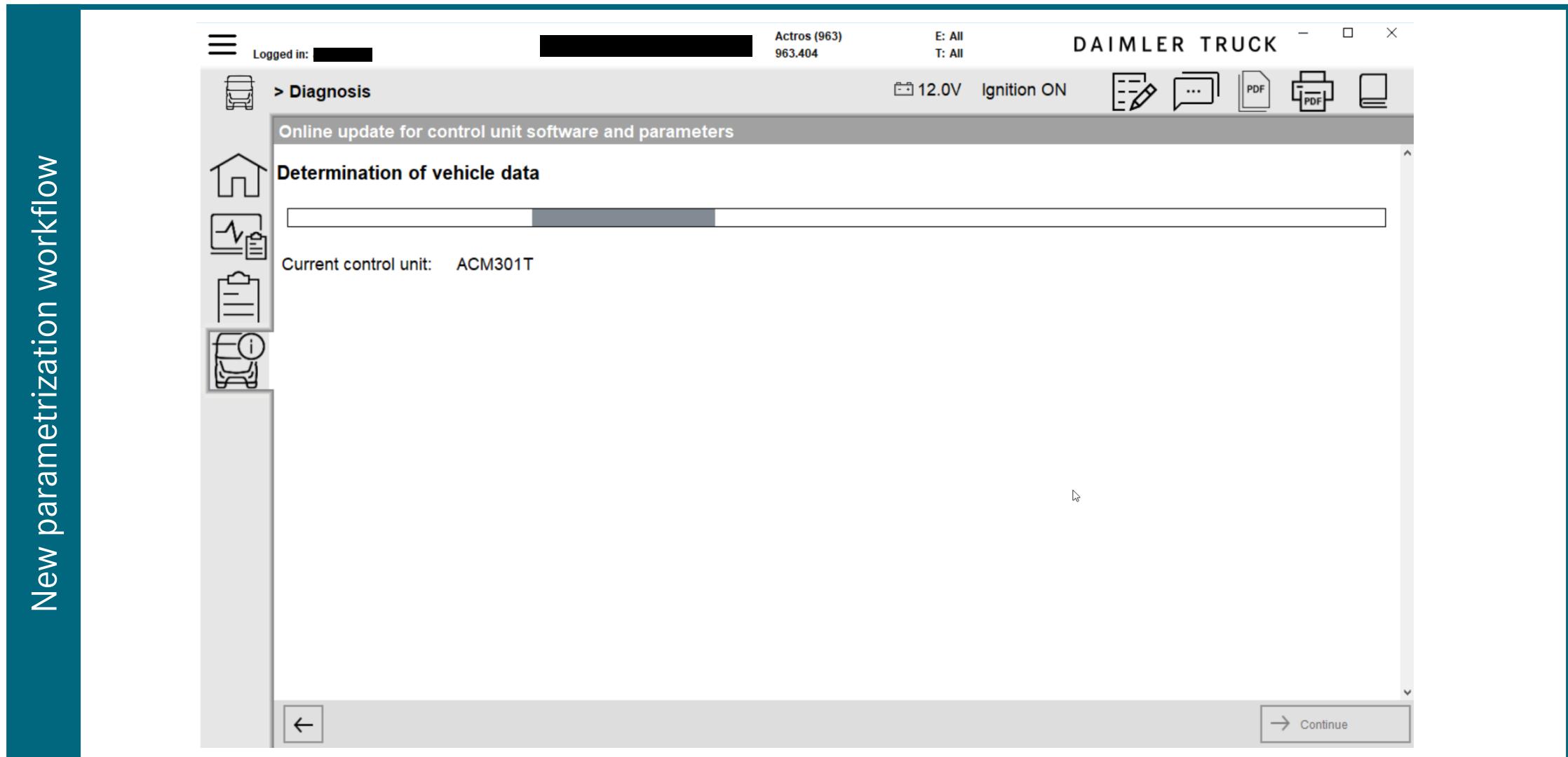


Select Online Update button

New parametrization workflow



Download of parametrizations to be executed



Display of open parametrization updates for vehicle

New parametrization workflow

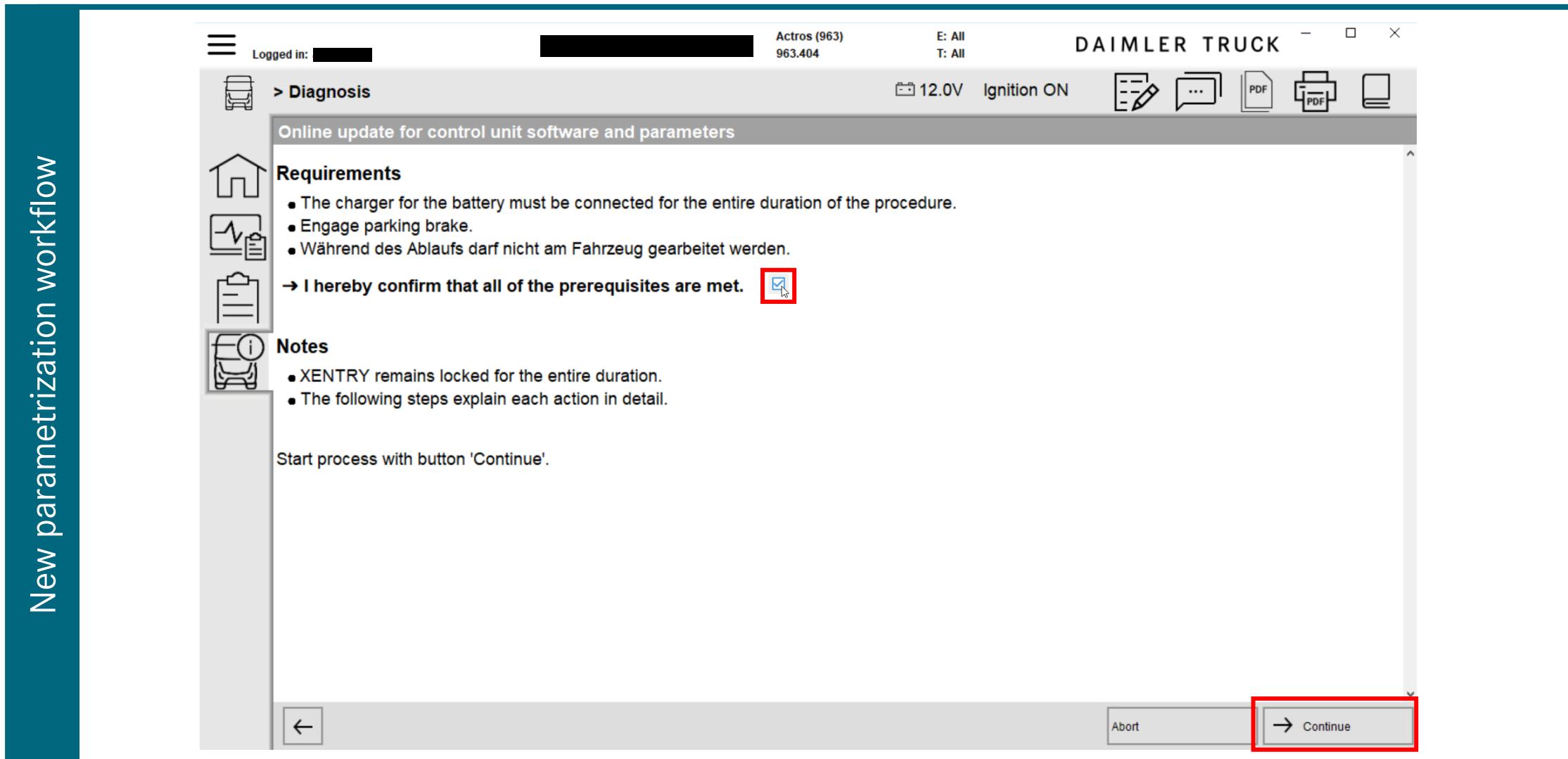
The screenshot shows the Daimler Truck software interface for vehicle diagnosis. The top bar displays the vehicle model as Actros (963) 963.404, the battery voltage as 12.0V, and the ignition status as ON. The main window title is "Online update for control unit software and parameters". A message states: "There are updates or measures to be performed for this vehicle." A bullet point indicates that the "Continue" button is used to download data and prepare it for installation in the vehicle. A table lists the required measures:

Required measure	Model	Duration	Action
Test am Fahrzeug DeviceNumber=test. ECUIdSystem=Customer request	Parameterization	1min	Parameterization of component 'EIS02T'
Test parametrization	Parameterization	1min	Parameterization of component 'EIS02T'

The last row, "Test parametrization", is highlighted with a red border. At the bottom of the screen, there are navigation buttons: a left arrow, a right arrow labeled "Continue", and a back arrow.

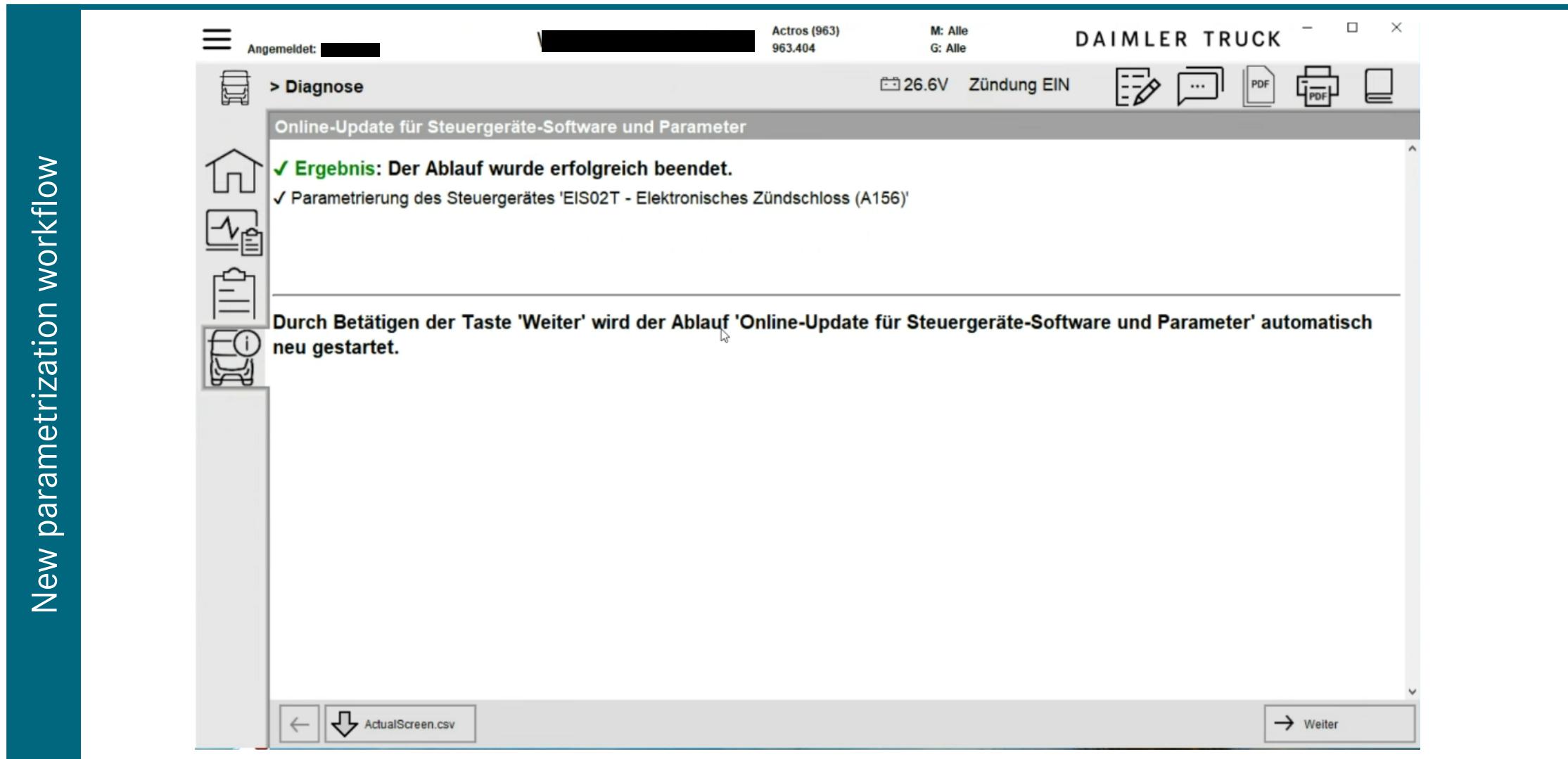
Confirm requirements and execute update of parametrization

New parametrization workflow



Update execution message

New parametrization workflow



ABH parametrization workflow

-> temporary update path until September '24 for ASAM & XMC

Choose Special Entry DT via Special procedure for ABH Parametrization

Special procedure for ABH parametrization

The screenshot shows the Daimler Truck software interface. At the top, there is a navigation bar with icons for a bus, 'Brand', and 'Product group'. Below this, the brand name 'Mercedes-Benz' is displayed. A horizontal menu bar contains tabs: VIN, Truck, Unimogs, Bus, Special procedure, Special functions, and Industrial major assemblies. The 'Special procedure' tab is currently selected and highlighted with a red box. Below the menu, there are several icons representing different services: Minibus Door ISAF, cTP Diagnosis, TCM UHN, Atego Powertrain, Flash ICC5, and Special Entry DT. The 'Special Entry DT' icon, which features a blue circular arrow inside a white square, is also highlighted with a red box. At the bottom of the screen, a message states: 'If the model series you are looking for is not listed here, switch directly to your replacement parts ordering system or the Workshop Information System. Other model series can then be selected there.' There are also navigation buttons for back, forward, and diagnosis.

Select option for body manufacturer

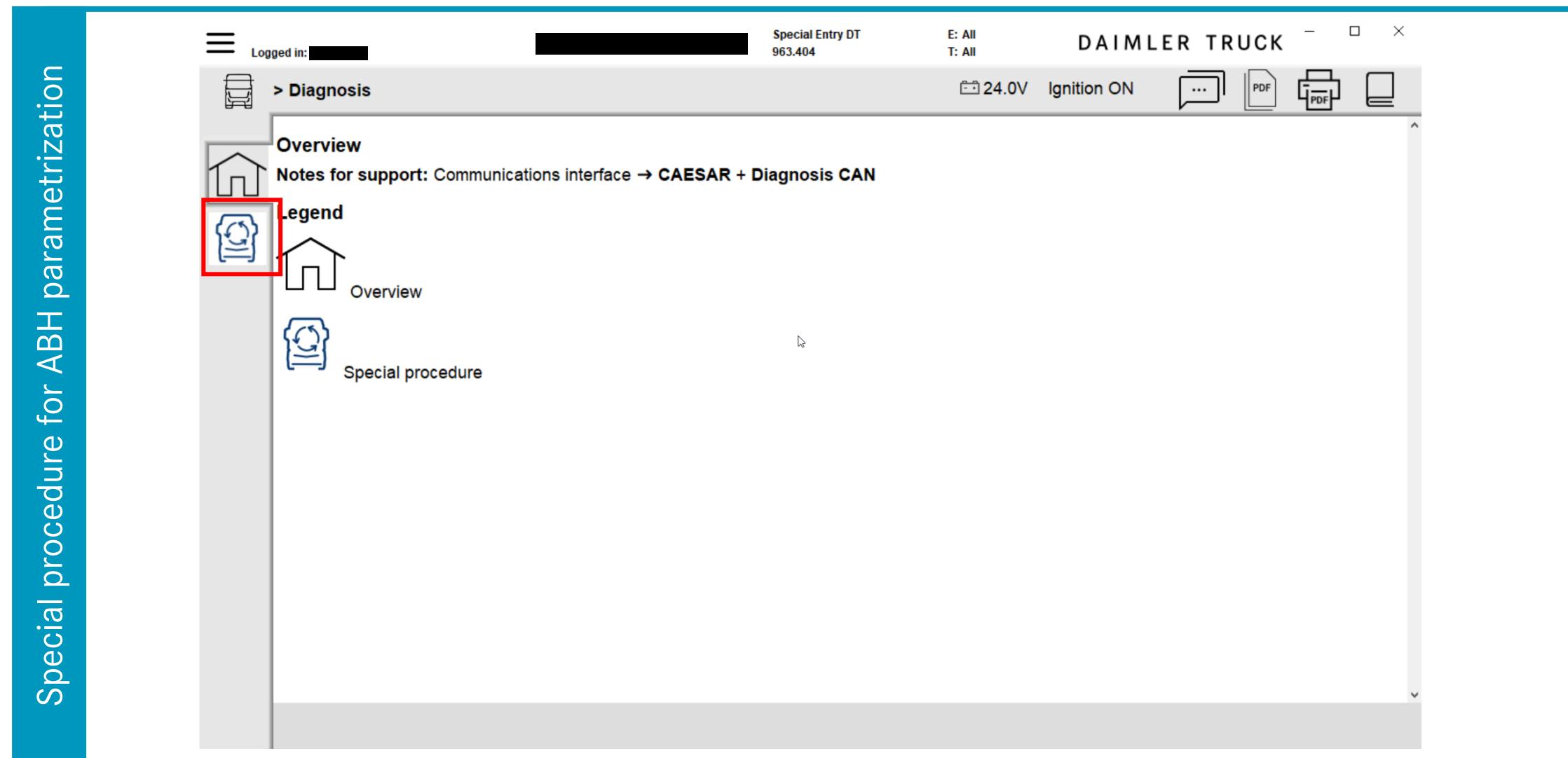
Special procedure for ABH parametrization

The screenshot shows a software window titled "DAIMLER TRUCK". The top bar includes "Logged in: [REDACTED]", "Special Entry DT All", "E: All T: All", and various icons for file operations like Ignition, PDF, and Print. On the left, there's a sidebar with a truck icon. The main content area is titled "Special procedure" and lists five options:

- Parameter for body manufacturer
- Battery management system
- Battery management system (BEVLH)
- CPC - Drive control (A3c) (BEVLH)
- No selection made

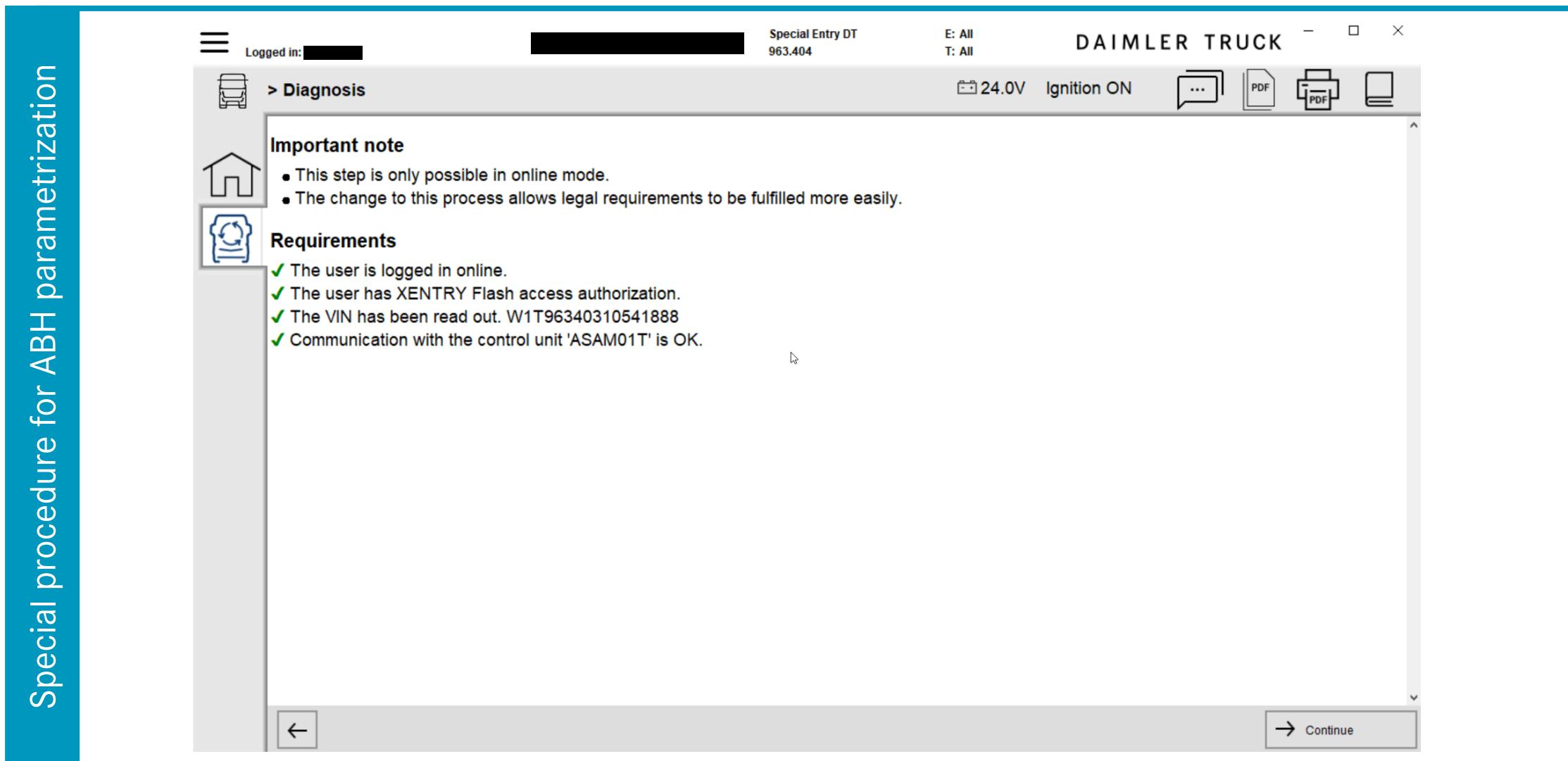
A "Continue" button is visible at the bottom right.

Select Special procedure button



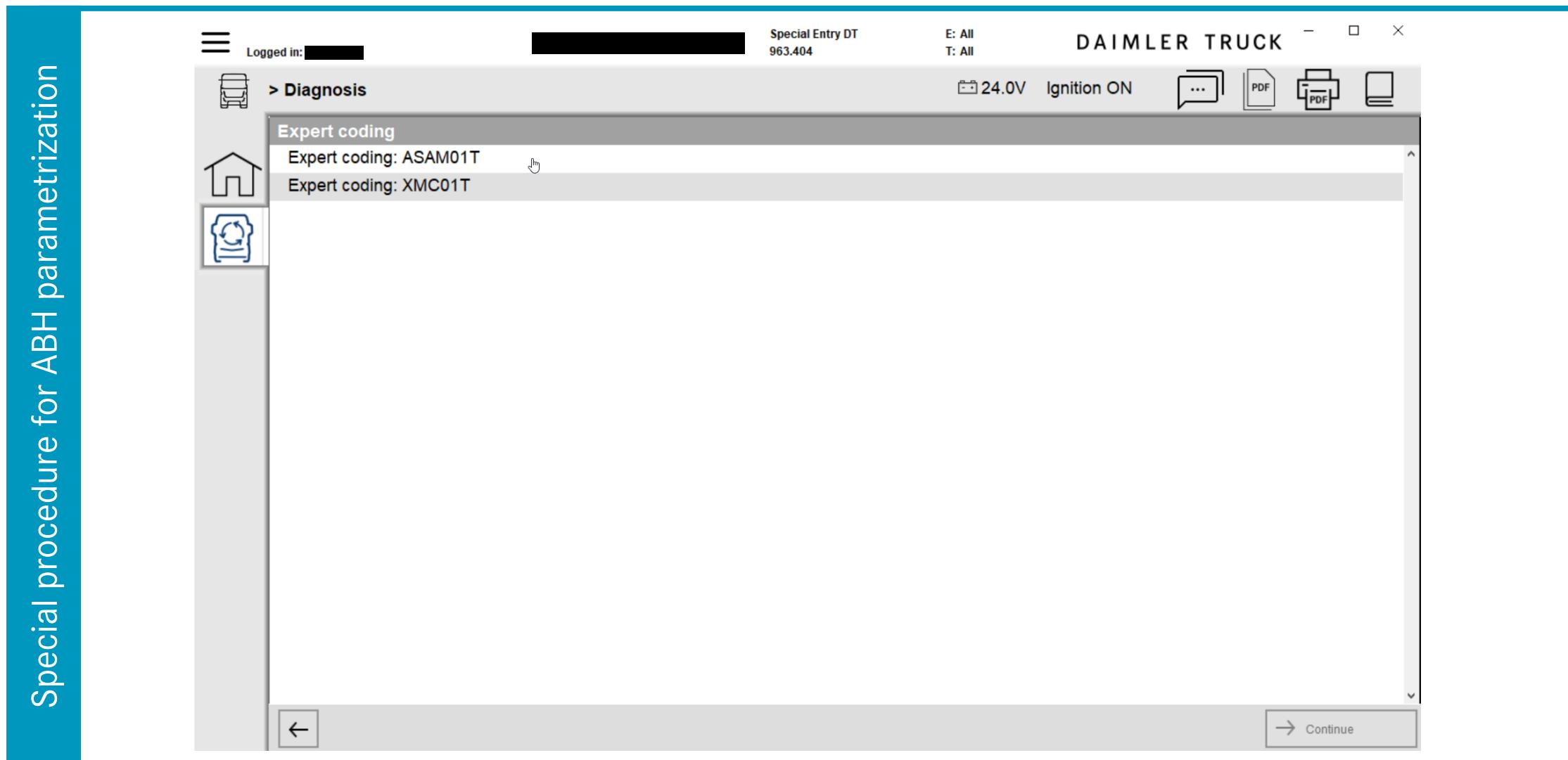
Confirm requirements

Special procedure for ABH parametrization



Select required ECU

Special procedure for ABH parametrization



Confirm prerequisites

The screenshot shows a software window titled "DAIMLER TRUCK" with a toolbar at the top. The main area displays a message about "Expert coding: ASAM01T". A red "Caution!" icon is followed by a list of guidelines for expert coding. Below it, a red "Warning" icon is followed by a list of precautions. At the bottom right is a "Continue" button.

Logged in: [REDACTED] Special Entry DT
963.404 E: All
T: All DAIMLER TRUCK

> Diagnosis 24.0V Ignition ON

... PDF PDF

Expert coding: ASAM01T

✖Caution!

- The CAN signals are valid in all codings of control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit)'.
- A change of the CAN signals affects all equations in which this CAN signal is used.
- Before coding pins, the pin assignment must be checked with a visual check on control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit)'.
- Training on the control unit 'A7 (Advanced signal acquisition and actuation module (ASAM) control unit) / A22 (SAM with additional functions (XMC))' is required for expert coding.
- The guidelines for body manufacturers must be complied with.
- A detailed function description can be found in WIS.
- [WIS function description](#)

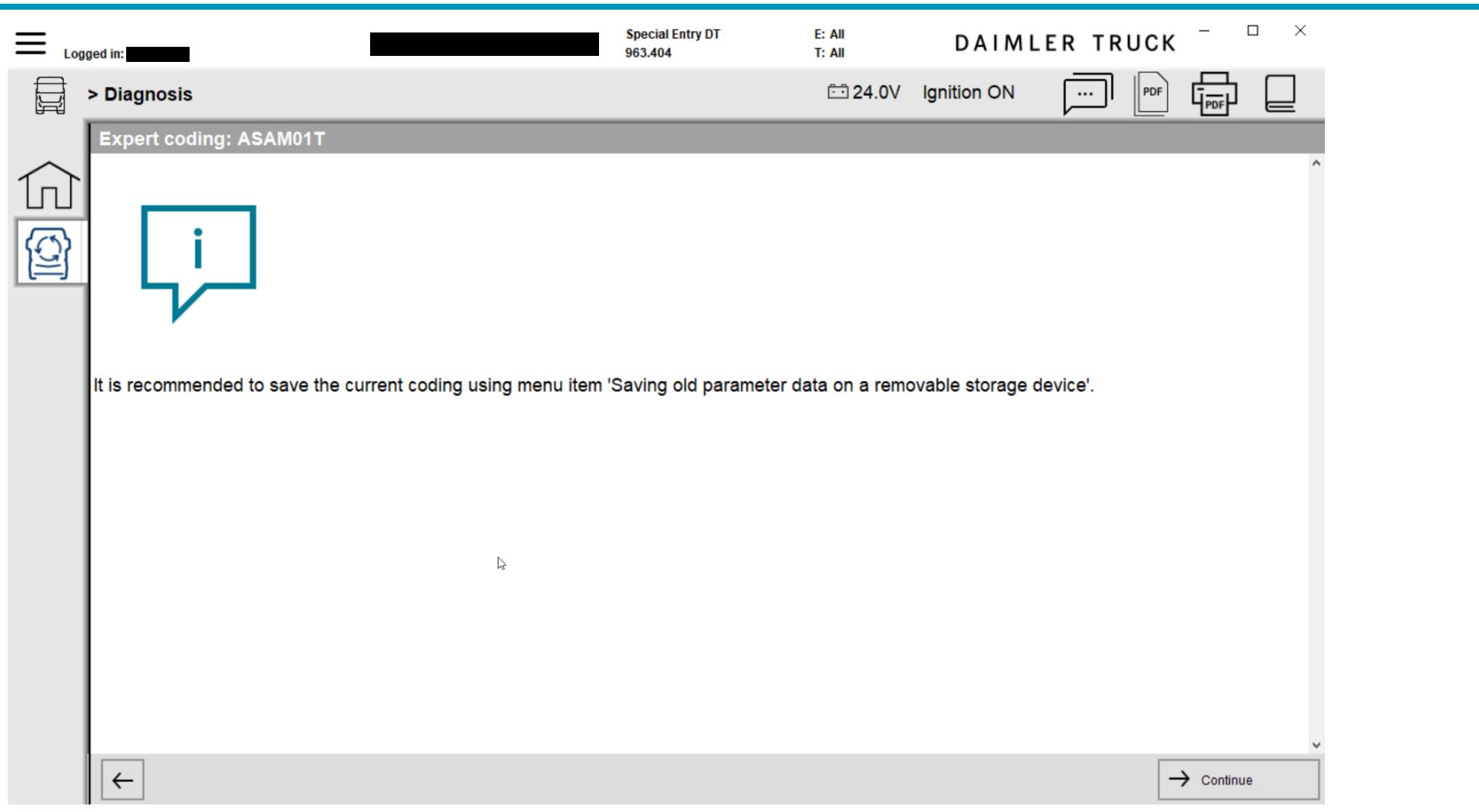
⚠Warning

- When carrying out expert coding, bear in mind that there may be an existing ex-factory parameterization.
- If an existing parameterization is changed, functional restrictions can occur.

← → Continue

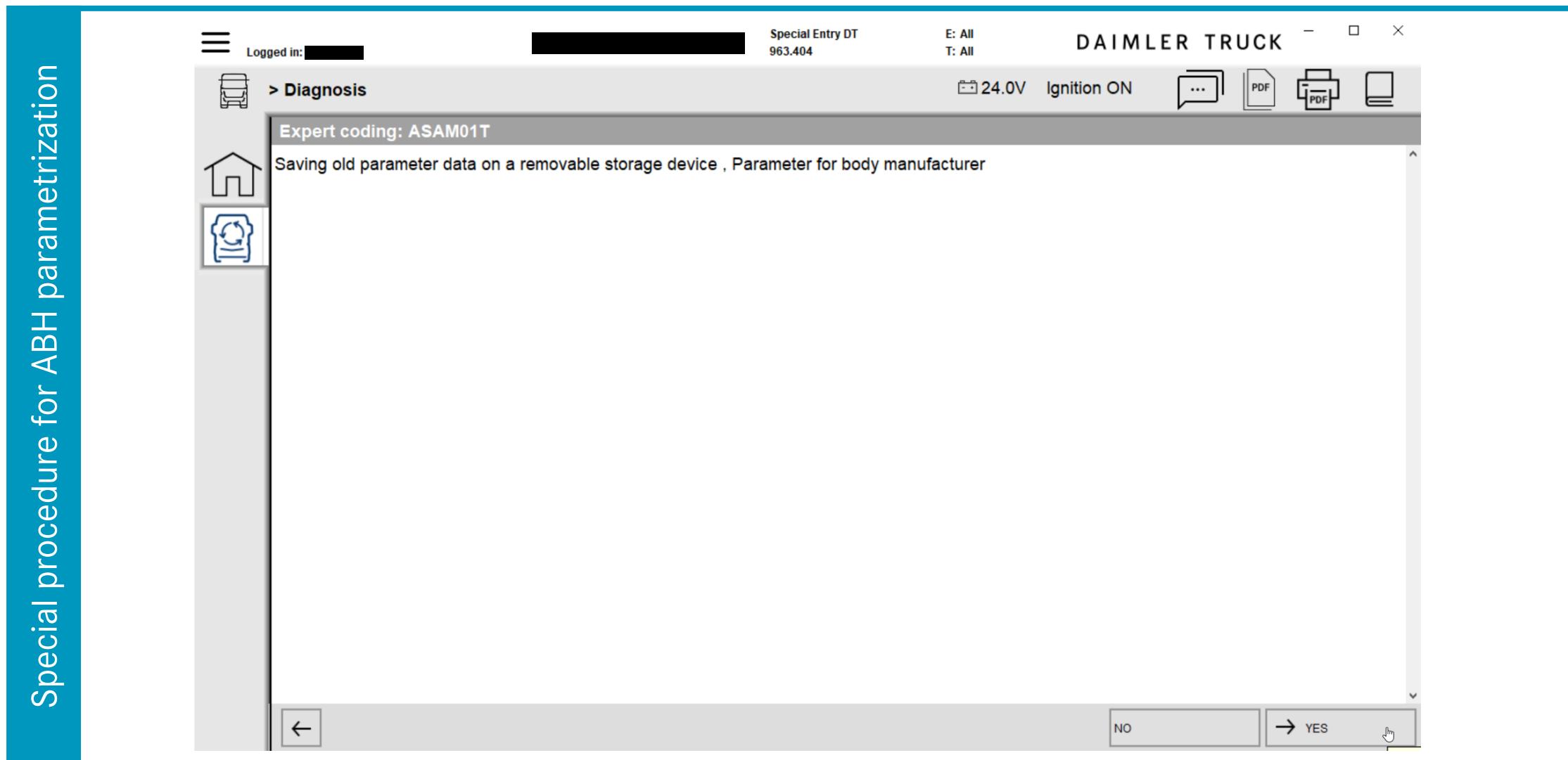
Storage advice for old parameter settings

Special procedure for ABH parametrization



Saving old parameter settings as backup

Special procedure for ABH parametrization



Choose required parameters

Special procedure for ABH parametrization

The screenshot shows a software interface for Daimler Truck parameter selection. The top bar includes 'Logged in: [REDACTED]', 'Special Entry DT 963.404', 'E: All T: All', and the 'DAIMLER TRUCK' logo. The main area has a sidebar with icons for Home, Diagnosis, and Help. The 'Diagnosis' section is selected. A tree view on the left lists categories like 'WIS function description', '01 Equations for body manufacturers', etc. The '01 Equations for body manufacturers' category is expanded, showing sub-options such as 'Power take-off 1', 'Power take-off 2', 'Power take-off 3', etc. A specific item, '090 Manual throttle actuator : WIS function description', is highlighted with a blue selection bar. At the bottom right is a 'Continue' button.

Special Entry DT
963.404

E: All
T: All

DAIMLER TRUCK

Logged in: [REDACTED]

> Diagnosis

Expert coding: ASAM01T

Expert coding

- WIS function description
- 01 Equations for body manufacturers**
- 02 Indicator lamps for body manufacturers
- 03 Switches for body manufacturers
- + 500.00 CAN signals (Vehicle CAN bus)
- + 500.11 - 500.30 Logic blocks (L01 - L20)
- + 500.90 - 500.91 Switch outputs
- + 500.92 Function parameters
- Transfer of parameter data , Parameter for body manufacturer
- Reading of parameters
- Development data

01 Equations for body manufacturers

- 01 Equations for body manufacturers
- + 010 Power take-off 1
- + 020 Power take-off 2
- + 030 Power take-off 3
- + 040 Live power take-offs
- + 050 ADR enable and disabling of accelerator pedal
- + 060 Pulse and ramp mode
- + 070 Fixed speeds and rpm limitation
- + 080 Adjustment of engine speed
- + 090 Manual throttle actuator

090 Manual throttle actuator : WIS function description

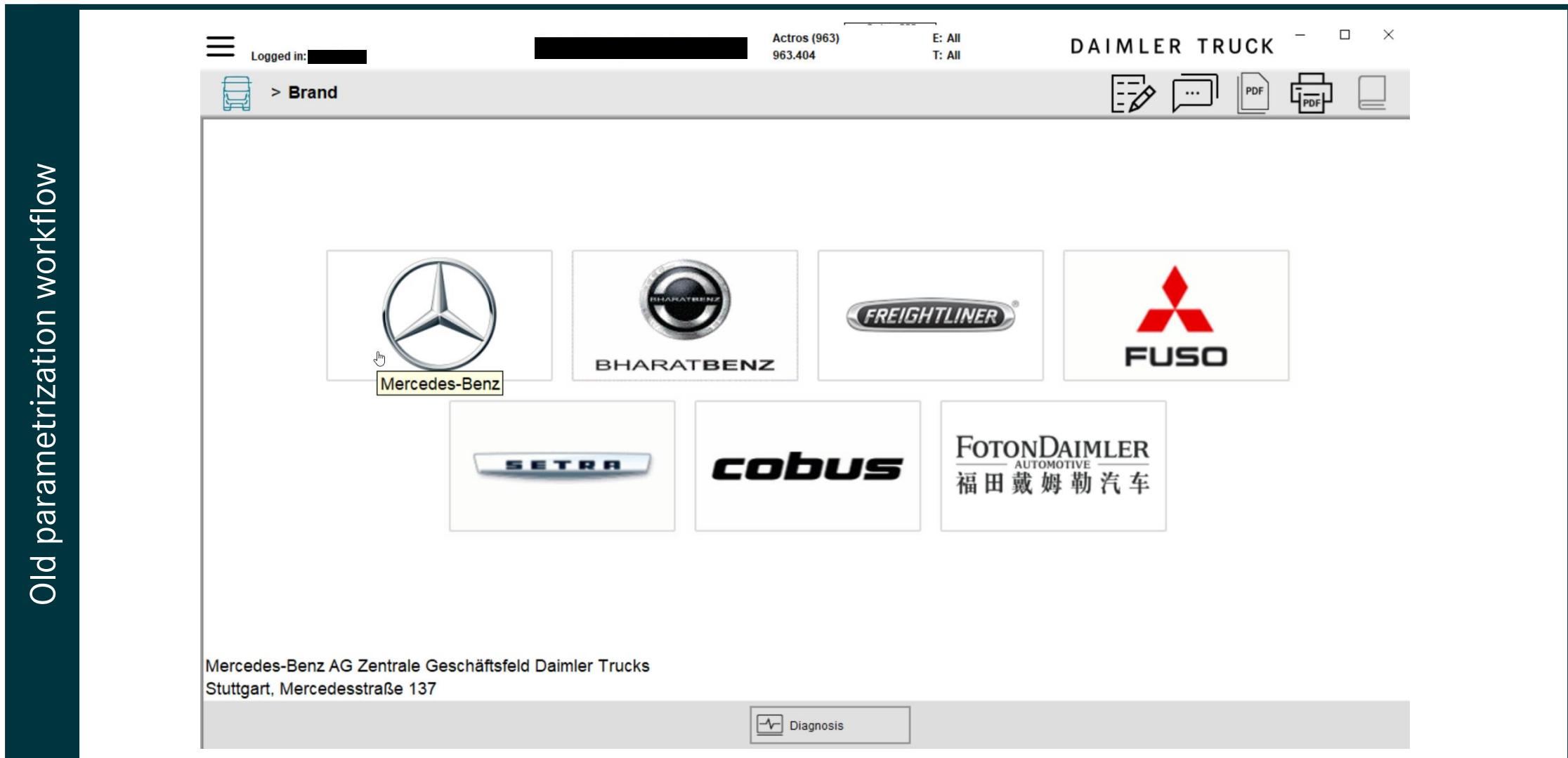
- 090 Manual throttle actuator All parameters
- + 100 Engine start
- + 110 Engine stop
- + 130 Shutting off the operating unit
- + 160 Speed limit
- + 200 Actuation of warning buzzer
- + 210 Power take-off ENGAGED
- + 236 - Output signal (PPM)

→ Continue

Old parametrization workflow

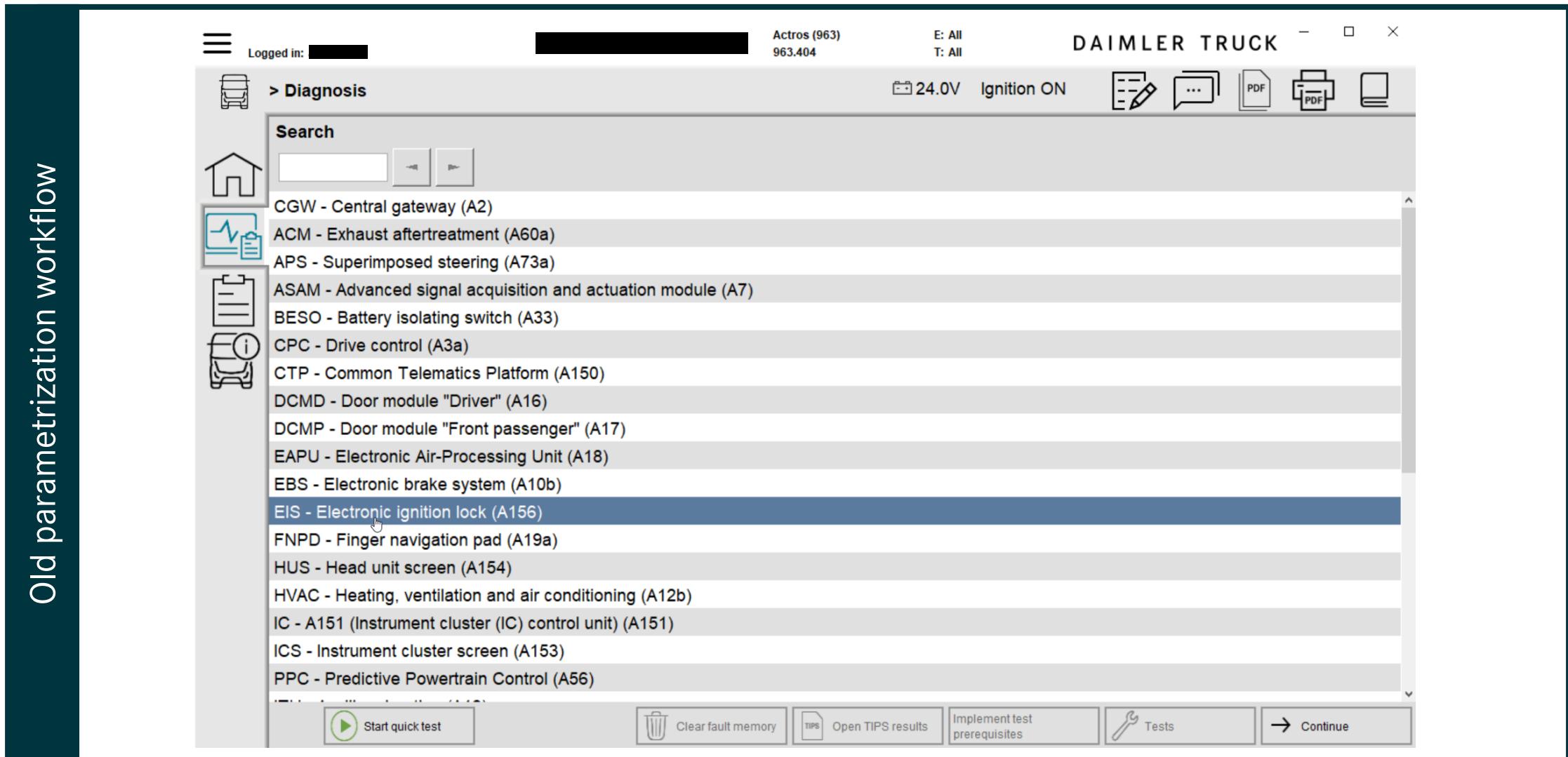
Connect DTD to vehicle

Old parametrization workflow



Select ECU

Old parametrization workflow



Select Coding Tool Group

Old parametrization workflow

The screenshot shows the Daimler Truck software interface. The top bar displays the vehicle model as Actros (963) 963.404, the diagnosis mode as 24.0V Ignition ON, and various tool icons. The main window title is 'Diagnosis > EIS - Electronic ignition lock (A156)'. On the left, a sidebar menu lists 'Teach-in processes', 'Parameterization' (which is selected and expanded), 'Antennen', and 'Initial startup'. The central panel displays a table titled 'Functions of control unit 'A156 (Electronic ignition lock (EIS) control unit)''. The table has columns for 'No.', 'Name', and 'Value'. Two rows are visible: '0362.0 Engine start enable / Body manufacturer CAN bus' with a value of 'NOT ACTIVE', and '0385.0 Shutoff of terminal 15' with a value of '0.0min'. An 'Apply changes' button is located at the bottom right of the table area. At the very bottom right of the entire interface is a 'Continue' button.

No.	Name	Value
0362.0	Engine start enable / Body manufacturer CAN bus	NOT ACTIVE
0385.0	Shutoff of terminal 15	0.0min

Change required parameters

Old parametrization workflow

The screenshot shows the Daimler Truck Diagnosis software interface. The top bar displays the vehicle model as Actros (963) 963.404, the power source as 24.0V Ignition ON, and the selection as E: All T: All. The main window title is "Diagnosis > EIS - Electronic ignition lock (A156)". On the left, there is a vertical toolbar with icons for Home, Diagnosis, Error codes / Events, Actual values, Adaptations, Control unit log, and Expert functions. The "Adaptations" tab is currently selected. The main content area is divided into two sections: "Selection" and "Functions of control unit 'A156 (Electronic ignition lock (EIS) control unit)'". The "Selection" section contains a tree view with nodes like "Teach-in processes", "Parameterization" (which is expanded to show "Functions of control unit 'A156 (Electronic ignition lock (EIS) control unit)'", "Antennen", and "Initial startup"), and "Expert functions". The "Functions of control unit" section lists parameters with their values. One parameter, "Shutoff of terminal 15", is selected and has a dropdown menu showing options: "No shutoff", "Shutoff after a period of 14h", "Shutoff after a period of 30min", "No shutoff", "Shutoff after a period of 2h", "Shutoff after a period of 5h", and "Shutoff after a period of 1h". A button labeled "Apply changes" is located at the bottom right of this section. Below the "Functions" section, there is an "Information" block with text about the shutoff of terminal 15 and its requirements. At the bottom right of the main content area, there is a button labeled "→ Continue".

Apply changes

Old parametrization workflow

The screenshot shows the Daimler Truck parametrization software interface. The top bar displays the vehicle model as 'Actros (963) 963.404', the environment as 'E: All T: All', and the power source as '24.0V Ignition ON'. The main window title is 'Diagnosis > EIS - Electronic ignition lock (A156)'. On the left, there is a vertical toolbar with icons for Home, Diagnosis, Error codes / Events, Actual values, Adaptations, Control unit log, and Expert functions. The 'Adaptations' tab is currently selected. The main content area is divided into two sections: 'Selection' on the left and 'Functions of control unit 'A156 (Electronic ignition lock (EIS) control unit)' on the right. The 'Selection' section shows a tree view with nodes like 'Teach-in processes', 'Parameterization' (which is expanded to show 'Functions of control unit 'A156 (Electronic ignition lock (EIS) control unit')', 'Antennen', and 'Initial startup'). The right section lists two functions: '0362.0 Engine start enable / Body manufacturer CAN bus' with value 'NOT ACTIVE' and '0385.0 Shutoff of terminal 15' with value 'Shutoff after a period of 2h'. At the bottom right of the main content area is a button labeled 'Apply changes' with a mouse cursor hovering over it. Below the main content area, there is an 'Information' section containing text about 'Engine start enable' and a requirement for 'CAN signal of component 'A22 (SAM with additional functions (XMC))''. At the very bottom right is a button labeled '→ Continue'.

Confirm changes

