jaltest OHW

OFF-HIGHWAY VEHICLES

INNOVATIONS 26.3

SOFTWARE

SIGNIFICANT IMPROVEMENT IN THE DOWNLOAD AND INSTALLATION OF THE PROGRAM

In this version, the software has migrated to a **64-bit architecture**, a technological development that improves resource management capabilities and provides a more robust foundation for the product's future development.

This work has been accompanied by a significant **optimization** of the software package, **reducing the download package size by around 75%** and the hard-disk space occupied by the program installation by 70%. As a result, the distribution, update and installation processes are considerably faster, **with reductions of up to 75% in download times, 60% in update times and 50% in initial installation times.**

As well as reducing resource consumption and storage, this development improves the application's performance and stability on computers running other processes simultaneously and overcomes the limitations inherent in 32-bit architecture.

AI TECH SUPPORT

New smart assistant integrated into Jaltest Diagnostics

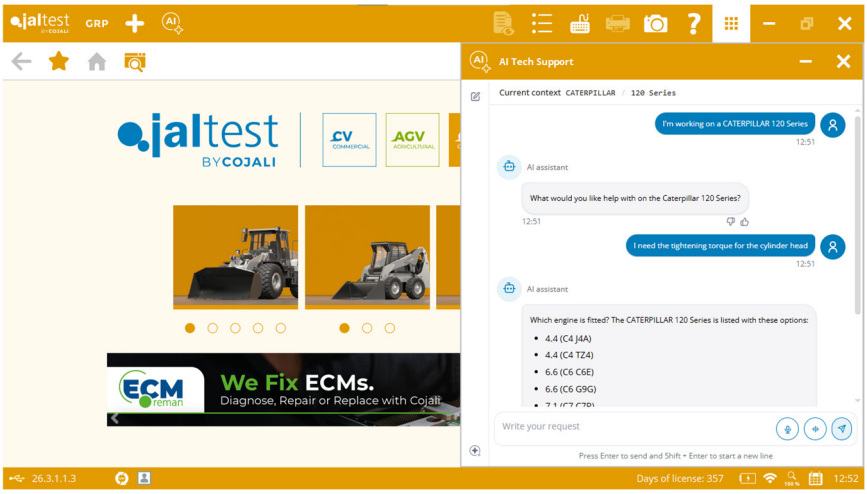
Version **26.3** includes **AI Tech Support**, an artificial intelligence-based assistant that combines the technical knowledge, documentation and expertise of the Advanced Technical Support (ATS) team with information from **thousands of technical support cases**.

Integrated directly into Jaltest Diagnostics, it enables us to:

- **Identify failures and interpret diagnostic results.**
- **Check repair procedures** quickly and easily.
- **Interact using natural language**, including via voice commands.
- **Receive answers and recommendations tailored** to the specific vehicle or machinery and the work being carried out.

A new tool that continues to evolve thanks to input from our advanced technical support specialists, designed to streamline service work and improve repair shop efficiency.

This module is available **as a promotional offer until 31/12/2026** or **until 200 credits have been used**, whichever comes first. After that, you will need to subscribe to the **"AI Tech Support"** module.



Take into account that this document is only a summary of the most relevant information of this new version. For more information, please visit the coverage on the Jaltest web site.

MAKES AND MODELS

OHW - HEAVY EQUIPMENT

This version includes the **PFANZELT MASCHINENBAU** make.

The number of models in **CASE CE**, **HYNDAI CE**, **HITACHI**, **SANY** and **SDLG** makes has increased.

OHW - COMPACT EQUIPMENT

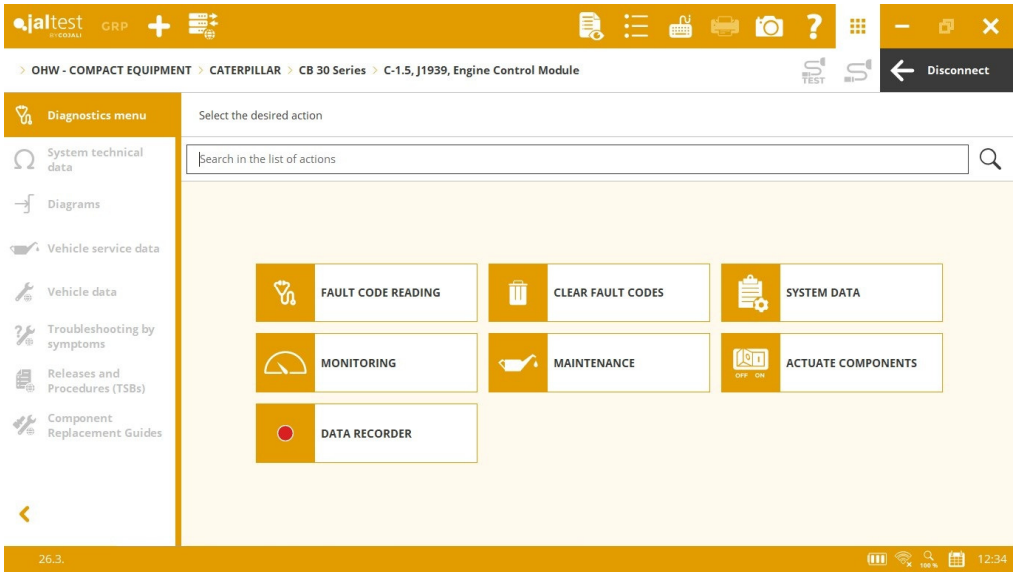
The number of models in **CASE CE**, **CATERPILLAR**, **VENIERI**, **HYUNDAI CE** and **JCB** makes has increased.

STATIONARY ENGINE

The number of models in **DOOSAN**, **HATZ** and **DEUTZ** makes has been expanded.

DIAGNOSTICS AND SYSTEMS

It is important to note the development of the **CATERPILLAR C-1.5, J1939** engine control system. This system is available for STATIONARY ENGINE and OHW COMPACT EQUIPMENT.

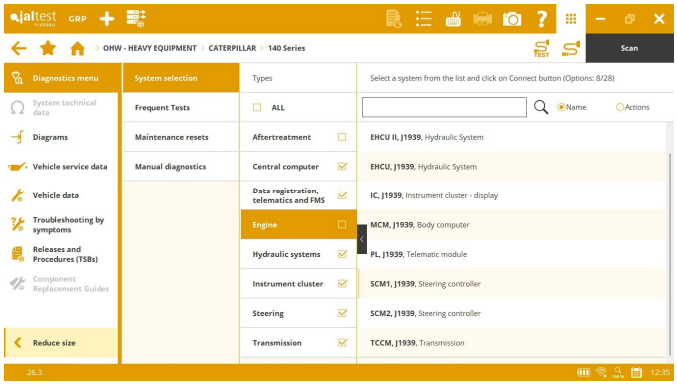


OHW - HEAVY EQUIPMENT

CATERPILLAR

⊕ **TCCM**, **EHCU**, **EHCU II**, **SCM1**, **SCM2** and **MCM** *(SAE J1939)* systems for **100 / 20 / 10 Series (Stage V)** models.

New advanced calibration actions available for the **MCM** *(SAE J1939)* central computer in **953**, **963** and **973 Series** models.



HYUNDAI CE

⊕ **MCM (A Series)** *(RS232)* central computer for crawl excavators.

Extended make coverage with four new models of crawl excavators.

JCB

⊕ **CAB** *(SAE J1939)* instrument cluster with basic diagnostic functions for crawl excavators.

⊕ **MCU** *(SAE J1939)* central computer with basic diagnostic functions for crawl excavators.

⊕ **HCU** *(SAE J1939)* hydraulic system with basic diagnostic functions for crawl excavators.

⊕ **ARM** *(SAE J1939)* instrument cluster with basic diagnostic functions for crawl excavators.

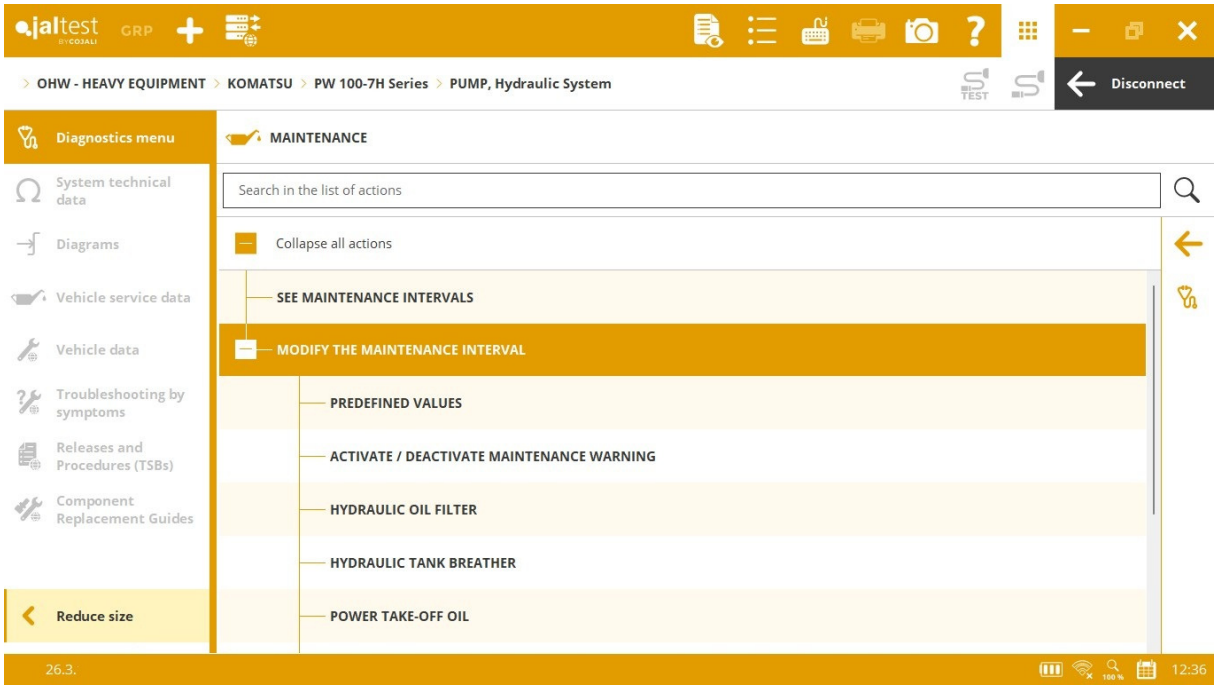
New model-specific wiring diagram configurations available for wheel excavators and crawl excavators.

JOHN DEERE CE

New technical data available for the **John Deere CE (Level 25)** engine.

KOMATSU

New advanced settings and maintenance actions available for the **ENG** engine control system, the **PUMP** hydraulic system and the **MON** *(SAE J1939, monitor A)* instrument cluster.



SANY

New checks and particulate filter regeneration available for the **WEICHAI WISE 10A** engine control system.

OHW - COMPACT EQUIPMENT

AUSA

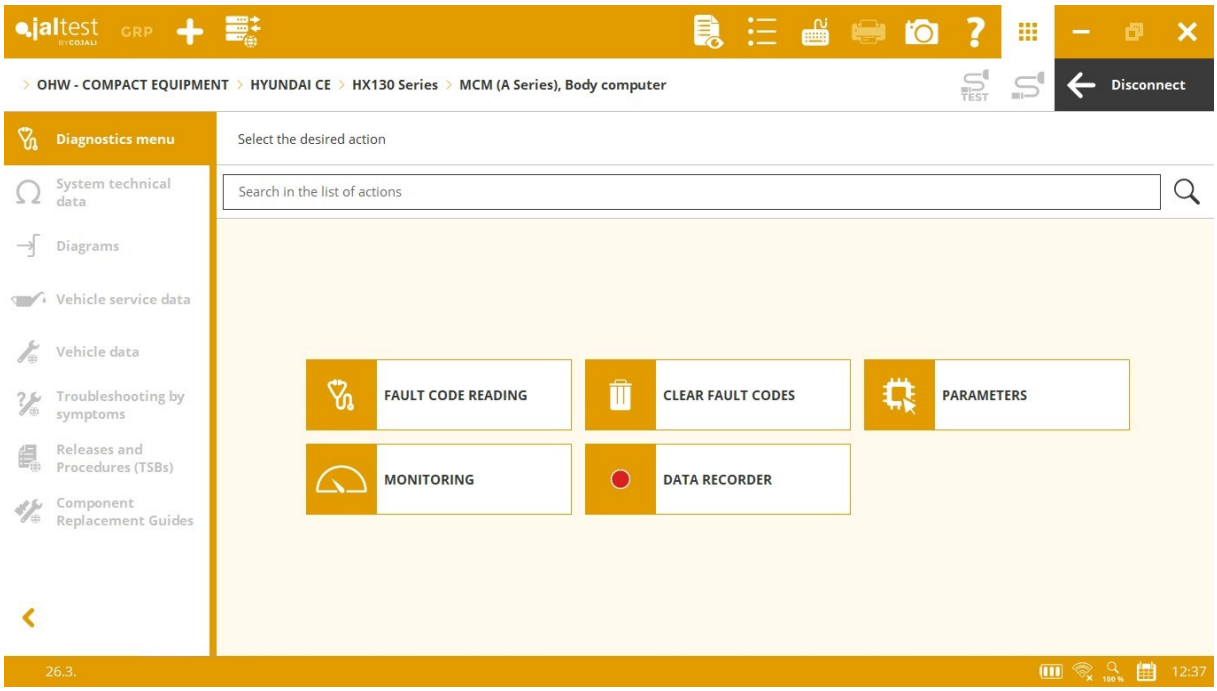
New troubleshooting guides available for fault codes of the **DEUTZ EMR4 - EDC 17 CV52** system.

CATERPILLAR

⊕ **PL** (*SAE J1939*) data record and telematic system available for all models.
New technical data available for **C-2.2**, **C-4.4**, **C-6.6** and **C-7.1** engines.

HYUNDAI CE

⊕ **MCM (A Series)** (*on RS232*) central computer for crawl excavators.



JCB

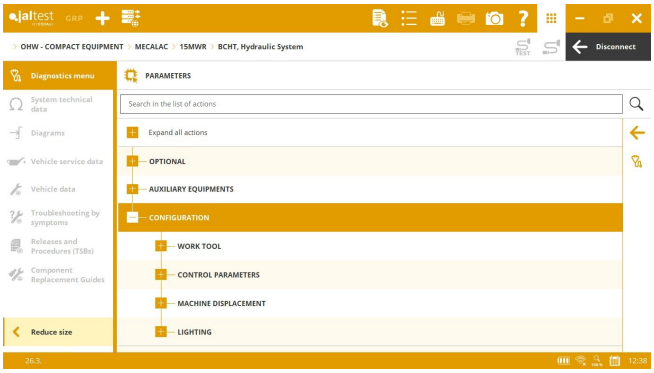
New advanced actions including the maintenance reset available for the **DECU** (*SAE J1939*) engine control system in **3CX** backhoe loaders.

New variants of the **MECU** *(SAE J1939)* central computer available for **3DX** backhoe loaders.

New model-specific wiring diagram configurations available for backhoe loaders and compact wheel excavators.

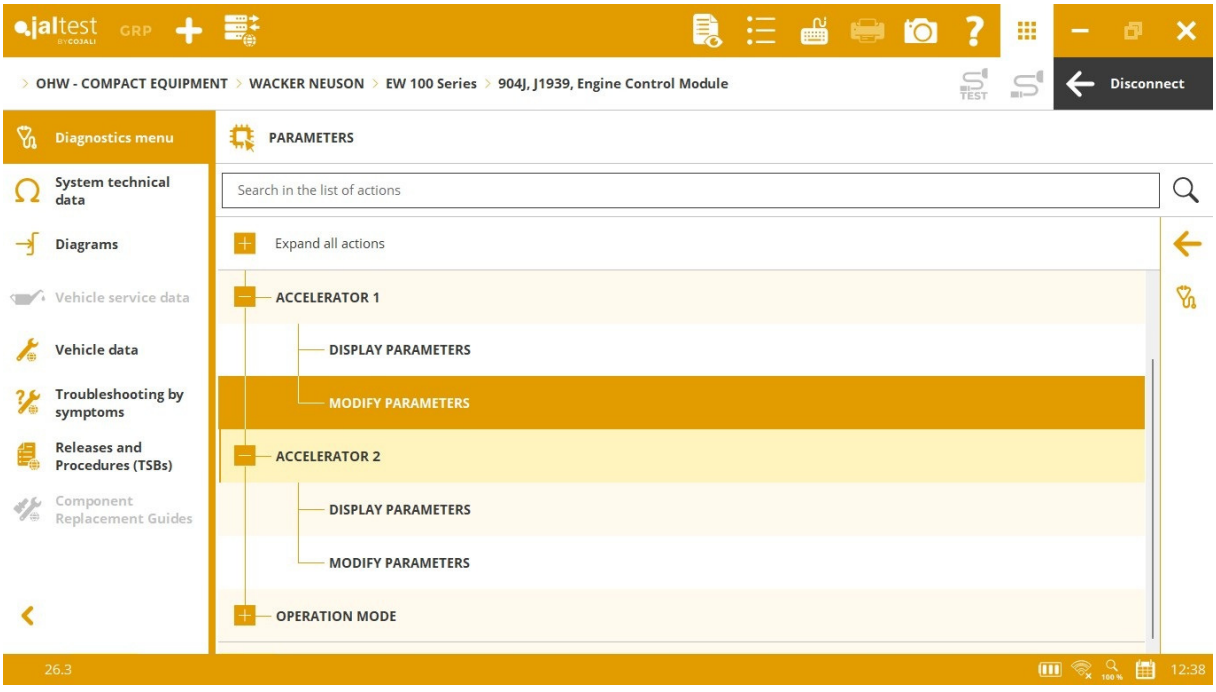
MECALAC

New advanced actions available for the **BCHT** (*SAE J1939*) hydraulic system in wheel excavators to check settings parameters.



WACKER NEUSON

New advanced actions available for the **PERKINS 904J** *(SAE J1939)* engine control system to set the accelerator and operating modes.



STATIONARY ENGINE

CATERPILLAR

New advanced actions available for the **SCR / DEF** *(SAE J1939)* aftertreatment system to check the system operation.

New advanced actions available for the **C-2.2** *(SAE J1939)* engine control system to check the system operation.

Technical data in **C-4.4**, **C-6.6** and **C-7.1** engines.

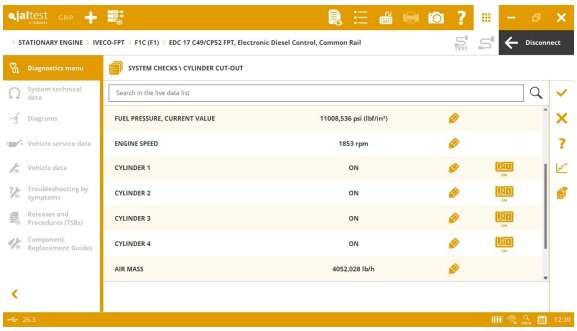
DEUTZ

New advanced actions available for the **DEUTZ** **EMR3 - EDC 16 UC40 (SAE J1939)** engine control system to reset the start counters and the EEPROM memory, enabling the clearing of fault codes related to the ECU's memory. This new feature is also included in **AMMANN**, **SANDVIK**, and **SCHAEFFER**, amongst other makes.

In general, new troubleshooting guides available for fault codes of the **EMR4 - EDC 17 CV52** system.

IVECO FPT

New advanced actions including the selective cylinder cut-out, available for the **EDC 17 C49 / CP52** *(CAN)* engine control system to check the system.

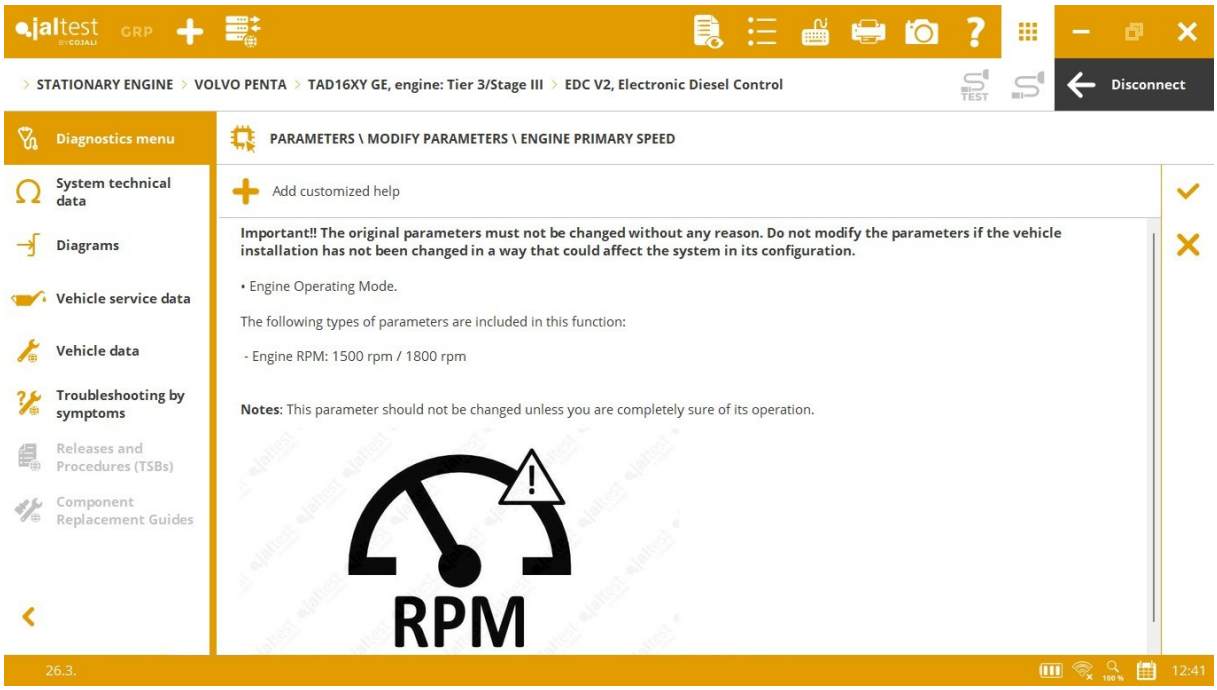


PERKINS

- **1206J** (on SAE J1939) engine control system.

VOLVO PENTA

New parameter modification of the engine speed available for the **EDC V2** *(on SAE J1708)* engine control system.



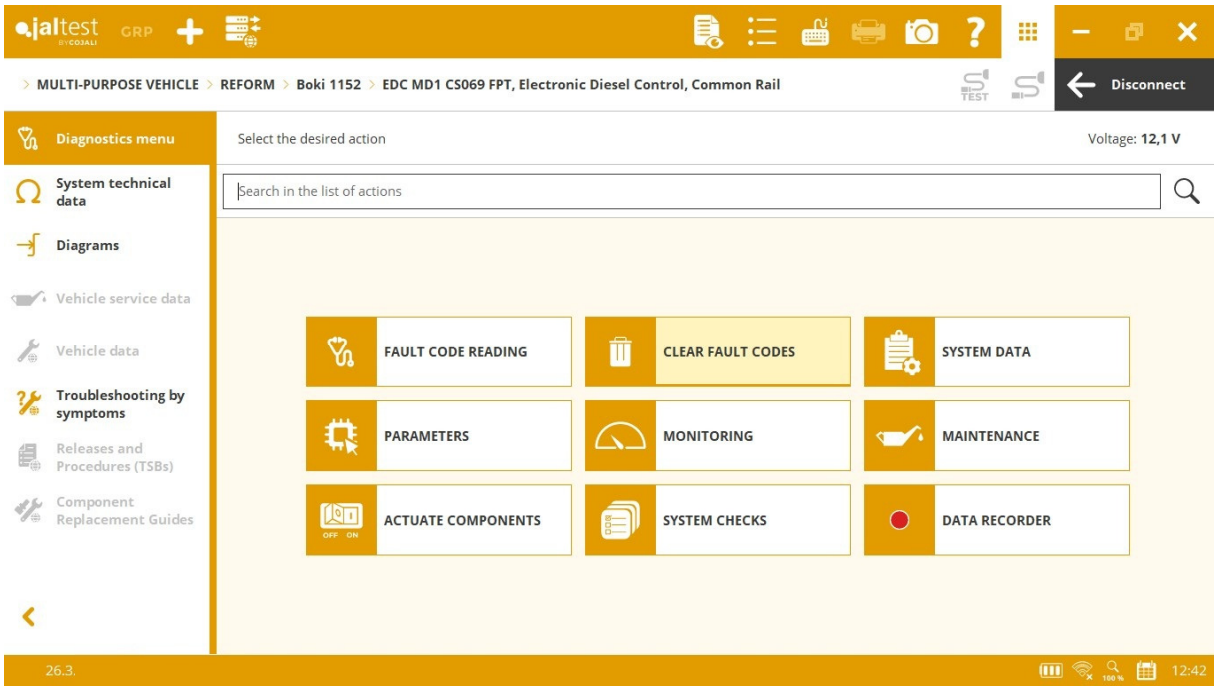
MULTI-PURPOSE VEHICLE

LINDNER

New advanced actions available for the **PERKINS 904J** *(SAE J1939)* engine control system to set the accelerator and operating modes.

REFORM

New advanced actions designed for **F1C** engines available for the **FPT EDC MD1 CS069** engine control system.



SCHMIDT

New advanced actions available for the **DEUTZ EMR5 - EDC MD1 CC878** *(on SAE J1939)* engine control system in services of memory 2, where all fault codes generated by the engine during operation are recorded.