



# jaltest **cv** COMMERCIAL VEHICLES

## INNOVATIONS 26.1

# SOFTWARE INNOVATIONS

## GRP WEB, the new DMS platform for managing your workshop

### Your workshop management, now 100% online

The GRP application evolves from your desktop to a **more powerful, accessible and flexible web portal**.

- Access from anywhere, without installations.
- All GRP functionalities and new enhancements in a single environment.
- Guided configuration with intelligent assistant.
- Customisation and configuration according to your needs.
- Agile management of users, company data and work orders.

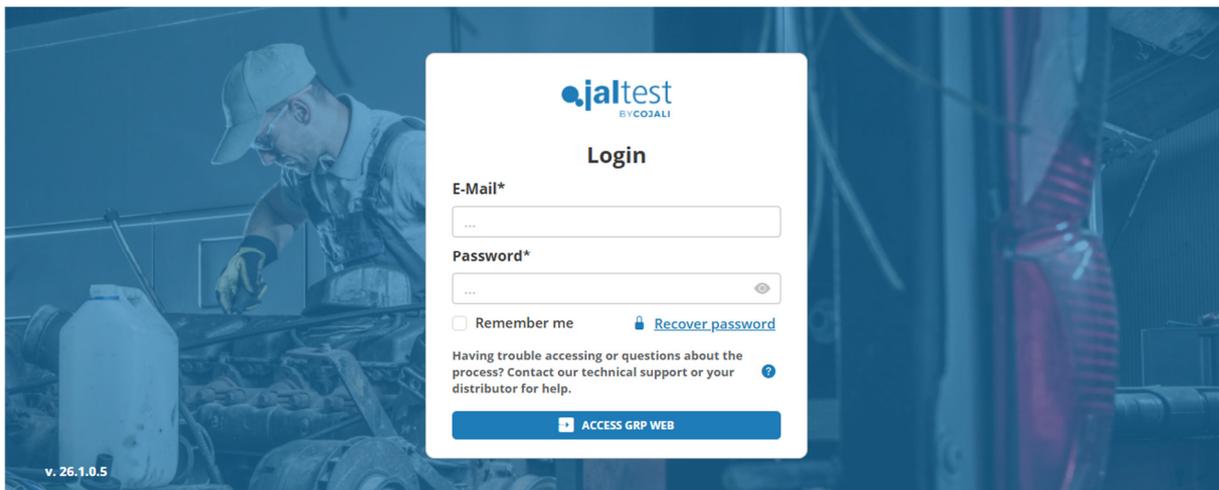
More freedom. More control. More productivity.

These credentials will be used in the future to **facilitate the identification of users** in the workshop under the **new cybersecurity regulations** implemented by manufacturers in the new generations of commercial vehicles.

Discover the new **Jaltest GRP Web** experience. Click on the link to access:

<https://grp.jaltest.com/en/login>

Access from the Jaltest Diagnostics software is also available through the button located in the same place as in previous versions.



## OTHER SOFTWARE INNOVATIONS

- New improvements in unattended upgrades supporting new possible scenarios; language package installations, support for intermediate upgrades and data backup import.
- Adaptation of Jaltest Link V9 device drivers to new vehicle and communication architectures.
- Service improvements and support to Jaltest Central Services.

Take into account that this document is only a summary of the most relevant information of this new version. For further information, please visit Jaltest Report or Jaltest website coverage.

## BRANDS AND MODELS

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Some of the models added in this version are listed below.

### TRUCK

#### BYD

T9R

#### DAF

**LATAM** market models such as, for example:

XF105 (P7/E5) Latin America

CF GR (P7/E5) Latin America

XF MX-13 (P8/E6) Latin America

CF PX-7 (P8/E6) Latin America

#### HINO

SM / 200 Series [2022 - ...]

RANGER/500 Series (2DG/2KG/2PG) [2017 - ...], engine: A09C

#### ISUZU

F Series/FORWARD, engine: DB6A

F Series/FORWARD (2KG/2PG/2RG) [2023 - ...], engine: 4HK1

N Series/ELF (2TG) [2023 - ...], 4JZ1 engine

## IVECO

S-Way [2024 - ...]

T-Way [2024 - ...]

X-Way NP (Natural Power) [2024 - ...]

Eurocargo Euro 6-E [2024 - ...]

## MERCEDES-BENZ

⊕ Actros 5 (963/964) [2024 - ...]

## SCANIA

⊕ New P Series SUPER/P Series SUPER Euro 6 [2024 - ...]

⊕ New G Series/G Series Euro 6 [2024 - ...]

⊕ New R Series SUPER/R Series SUPER Euro 6 [2024 - ...]

⊕ S Series/S Series Euro 6 [2024 - ...]

## UD TRUCKS

Kuzer, engine: GH4E

# BUS

## HYUNDAI/KIA

UNIVERSE, engine: D6C

## MAN

32C / 33C / 34C Lion's 4 City LE (12m - 13m - 14m) [2024 - ...]

R07 [2024 - ...]

R10 Lion's Coach (13 m) [2024 - ...]

R61 C (UEL Intercity 13m) [2024 - ...]

RC2 (LE 19.xxx) [2024 - ...]

RR2 (CO 19.xxx) [2024 - ...]

RR4 (CO 26.xxx) [2024 - ...]

RR8 (IC 19.xxx) [2024 - ...]

# LIGHT COMMERCIAL VEHICLE

## CITROËN

Berlingo 2.0 HDi (M59) [2002 - 2008], engine: RHY

Nemo 1.4 HDi (A9) [2008 - 2015], engine: 8HS

## FORD

Transit Connect/Courier 2.0 [2024 - ...], engine: DTRF/DXRD/DXRA

## ISUZU

D-Max 1.9 Diesel V-Cross [2024 - ...], engine: RZ4E-TC BS-VI Stage II

## MERCEDES-BENZ

Citan 1.5 CDI [2021 - ...], engine OM 608

Citan 1.3 TCE [2021 - ...], engine: M 200

eCitan [2021 - ...], engine: 780.690

## MITSUBISHI FUSO

Canter FE Series [2021 - ...], engine: 4P10 Euro 6E

## PEUGEOT

Partner 2.0 HDi (M5) [2002 - 2006], engine: RHY

Bipper 1.4 HDi (A9) [2008 - 2018], engine: 8HS

## VOLKSWAGEN

Amarok 3.0 TDI [2022 - ...], engine: DXWB

Amarok 2.0 TDI [2022 - ...], engine: DXKA/DXKB/DXKD

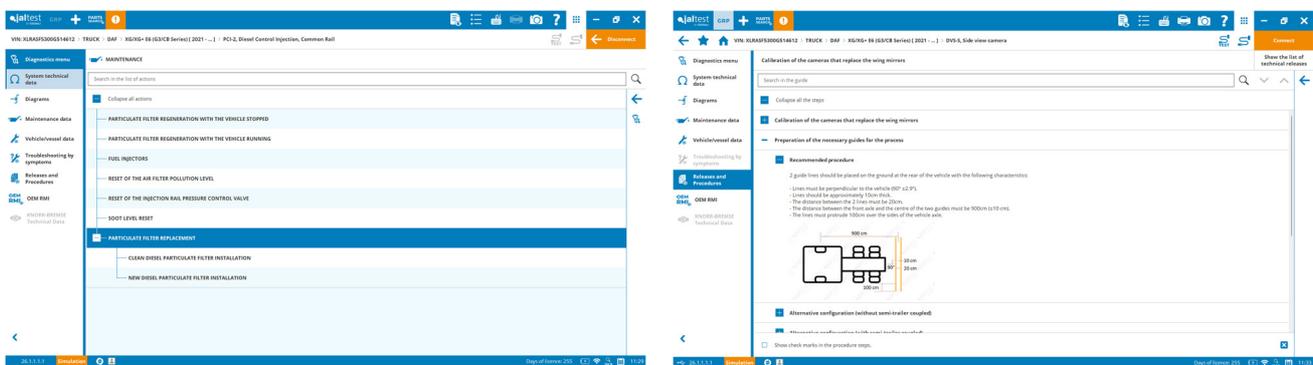
# DIAGNOSTICS AND SYSTEMS

## TRUCK AND BUS

### DAF

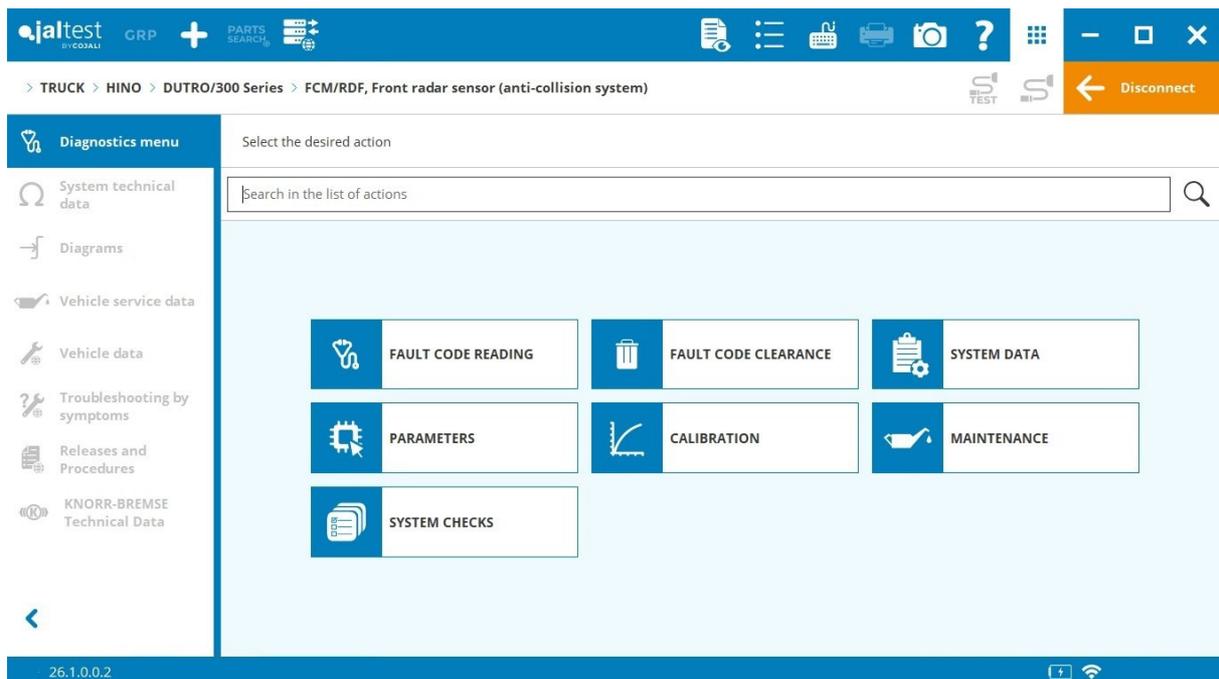
**PCI-2** engine control system, diesel particulate filter replacement.

**DVS-S** side view cameras, calibration procedure.



### HINO

**FCM/RDF** front radar sensor, parameter configuration and camera calibration in **DUTRO 300/RANGER 500/PROFIA 700** models.



Systems in **DUTRO 300/RANGER 500/PROFIA 700** models, and **BUS**:

- ⊕ **RDF** front radar sensor.
- ⊕ **ESSF** collision avoidance system.
- ⊕ **SCU** steering control system.
- ⊕ **Inverter** electric inverter control system.
- ⊕ **SKIM** immobiliser control system.
- ⊕ **EHPS** electro-hydraulic steering control system.
- ⊕ **TCCM** transfer case control system.

Among other safety systems, suspension, central computers and driver assistance systems.

Systems in the **SM / 200 Series** model:

- ⊕ **RDF** front radar sensor.
- ⊕ **ESSF** collision avoidance system.
- ⊕ **FCM** driver assistance camera.
- ⊕ **A/C** climate control system.
- ⊕ **EDC 5.0** engine control system.
- ⊕ **LDWS** lane departure warning assistant.
- ⊕ **ABS** anti-lock braking system.
- ⊕ **AHB** lighting control system.
- ⊕ **PCS** collision avoidance system.

## HYUNDAI/KIA

- ⊕ **EDC D6CG** engine control system for **UNIVERSE** bus and **XCIENT** truck models.

The screenshot shows the jaltest diagnostic software interface. The top navigation bar includes the jaltest logo, user information (GRP), and various tool icons. The breadcrumb trail reads: > BUS > HYUNDAI > UNIVERSE, engine: D6CG > EDC D6CG, Electronic Diesel Control. A 'Disconnect' button is visible in the top right. On the left, a 'Diagnostics menu' sidebar lists options: System technical data, Diagrams, Vehicle service data, Vehicle data, Troubleshooting by symptoms, and Releases and Procedures. The main area is titled 'Select the desired action' and contains a search bar. Below the search bar is a grid of diagnostic actions: FAULT CODE READING, FAULT CODE CLEARANCE, SYSTEM DATA, OPERATION DATA, MEASUREMENTS, CALIBRATION, MAINTENANCE, ACTUATE COMPONENTS, and SYSTEM CHECKS. A 'DATA RECORDER' button is located at the bottom left of the main area. The version number '26.1.0.0.2' is displayed in the bottom left corner.

## ISUZU

Development of new systems for the Japanese market.

**ABS/ESC** anti-lock hydraulic braking system, new references and variant control for **N Series/ELF [2024-...]** truck models, **engine: 4JZ1/RZ4E**.

**Mimamori** electronic module, fault code clearance.

⊕ **4JZ1/RZ4E** engine control system and **EDU** injection control system in **N Series/ELF [2024-...]** models, **engine: RZ4E-E6D, 4JZ1-E6N**.

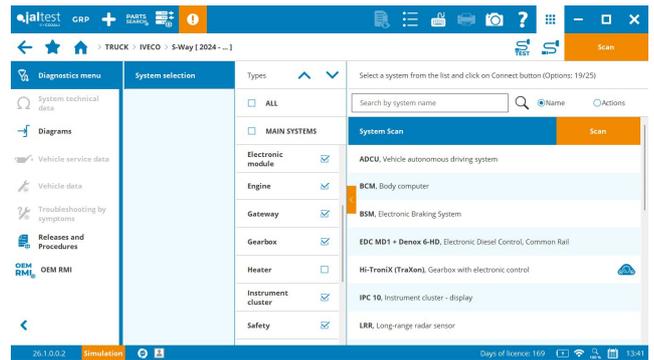
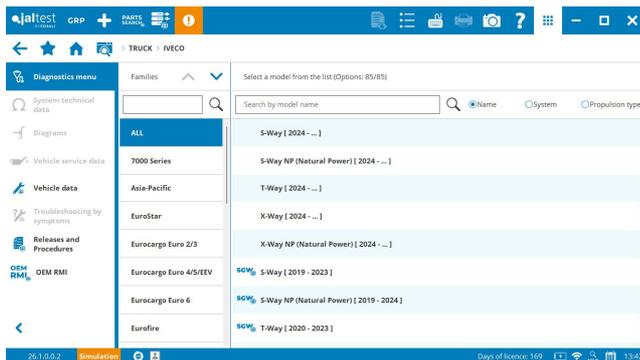
Systems in the new **F Series/FORWARD** model, **engine: DB6A**:

- ⊕ **DB6A** engine control system.
- ⊕ **ASM** suspension management system.

## IVECO

Systems in 2024 models:

- ⊕ **EDC MD1** engine control system.
- ⊕ **VCM4** vehicle central computer.
- ⊕ **IPC10** instrument cluster.
- ⊕ **sBSP BSM** Wabco brakes.
- ⊕ **ADCU, LRR, SRR2, SRR4, SRR5** safety systems and radars.
- ⊕ **MCSL, MCSR, MCDS** cameras and screens for rear-view mirror replacement.
- ⊕ **TPMS** tyre pressure monitoring system.



## MAN

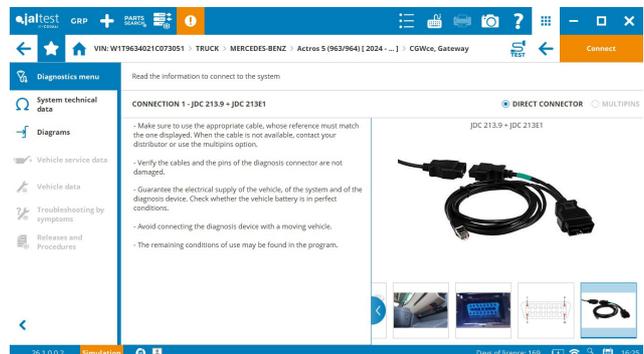
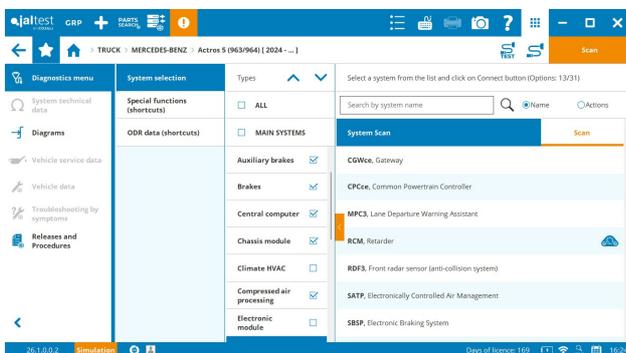
Special **Hydrodrive** traction system in **TG3** models, including measurements and component activation.

## MERCEDES-BENZ

System developments in the new DoIP protocol in **2024 Actros and Arocs** models:

- ⊕ **CPCce** vehicle central computer.
- ⊕ **CGWce** Gateway central computer.
- ⊕ **SBSP** electronic brake system.
- ⊕ **SATP** compressed air generation system.
- ⊕ **MPC3, RDF3, VRDU3** safety systems.

**Important:** The new **JDC 213E1** cable is required to connect to these systems. Please, contact your distributor for purchase.



Systems for bus:

- ⊕ **EAM3** Multiplex3.
- ⊕ **EAM4** Multiplex4.

## MITSUBISHI FUSO

**EDC 4M50** engine control system, new measurements and component activation in **Canter** truck and **Rosa** bus models.

**EDC 6M60 and 6M70** engine control system, component activation in **Fighter and Heavy** truck models.

**CPC3** powertrain controller, parameters in **Shogun/Super Great** truck and **Aero Star** and **Aero Ace/Queen** bus models.

New systems related to **Shogun/Super Great** models, **engine: 6R30** and **Canter, engine: 4P10**.

System selection

Types

Select a system from the list and click on Connect button (Options: 16/16)

Search by system name

Antipollution

Auxiliary brakes

Central computer

Chassis module

Data registration, telematics and ...

Electronic module

Engine

ACM 3, Exhaust gas treatment system

APS3, Electro-hydraulic steering system

ASAM, Engine Management Module

CLCS, Level regulation

CPC 5, Common Powertrain Controller

DAGW, Lane Departure Warning Assistant

ICUC, Instrument cluster

MCM, Electronic Diesel Control, Common Rail

## RENAULT

In vehicles with V4 technology:

**TECU** transmission, parameter configuration of the starting gear selection.

**EMS** engine control system, maintenance service for AdBlue/DEF crystallisation clearance present in the SCR catalytic converter.

MAINTENANCE \ ADBLUE/DEF CRYSTALLISATION

+ Add customised help

**IMPORTANT**  
Valid for vehicles with D11K6, D13K7, D13K8 engine

This action allows to remove the AdBlue/DEF crystals from the SCR catalytic converter. To do so, the temperature at the SCR catalytic converter will be increased until the sublimation of AdBlue/DEF.

**Attention!**  
Take into account that the temperature of the exhaust gases raises until the process finishes; therefore, take all the necessary precautions in order to avoid any damage. For instance, keep any flammable source away from the exhaust gases, avoid performing the actuation in a closed or poorly ventilated space...

**Important note**  
If the action takes more than 90 minutes to complete, it is recommended to repeat the process.

The action is completed with optimal results if the process lasts 90 minutes or less.

In vehicles with V3 technology:

⊕ **VECU5 Service** maintenance system which includes the resets of the engine oil change and the gearbox oil change.

## SCANIA

**DIS3** distance sensor, calibration in **New P, G, R and S Series SUPER, New R Series and S Series** models of 16 litres.

Main systems for **[2024 - ...]** truck models:

- ⊕ **EMS10** engine control system.
- ⊕ **AMS2** emission treatment system.
- ⊕ **TMS3** transmission.
- ⊕ **APS** compressed air production management.
- ⊕ **COO11** coordinator.
- ⊕ **FLC3** driver assistance camera.
- ⊕ **BMS EBS** brake management system.
- ⊕ **SMS-ELC4** suspension management system.

**Important:** The new **JDC 213E1** cable is required to connect to these systems. Please, contact your distributor for purchase.



## VOLKSWAGEN

In **Volkswagen Euro 6** models, wiring diagrams for the **EDC ASM2020** engine control system and the **BSG** central computer.

## VOLVO

In vehicles with **V4 technology**:

⊕ **BLECU** lighting system for truck.

Systems for electric truck models:

- ⊕ **AVAS** sound generator for electric vehicles.
- ⊕ **EVAC** compressed air production management.

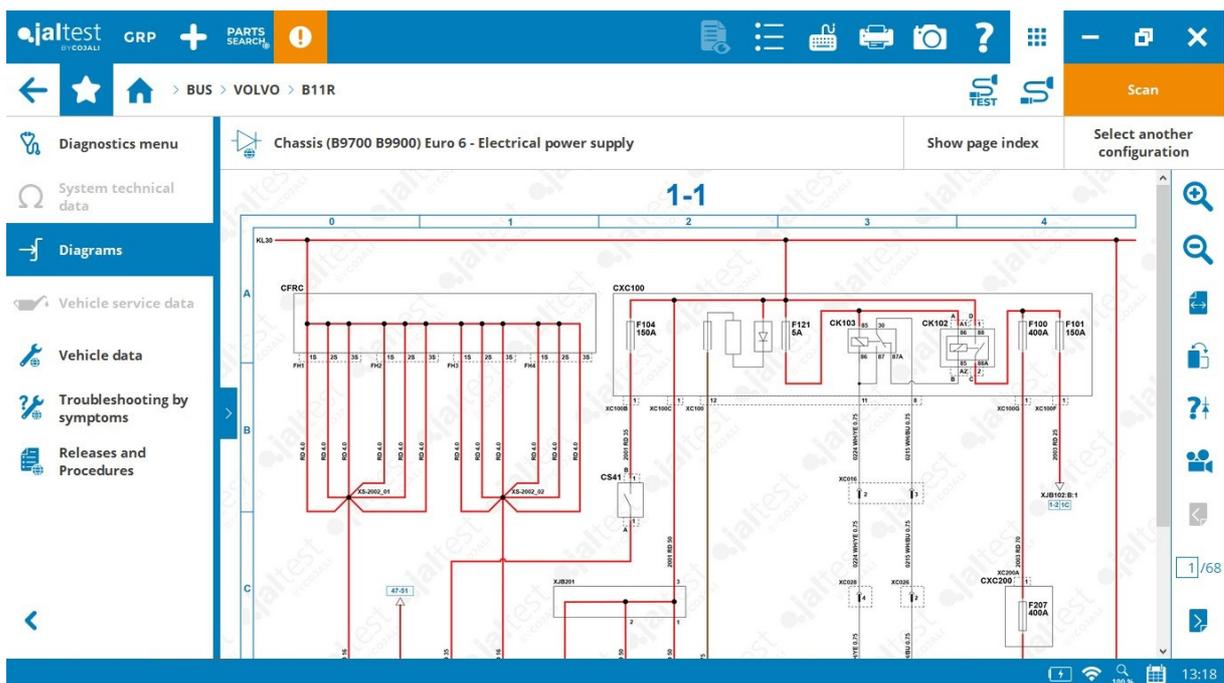
In vehicles with **V3 technology**:

Systems for bus:

- ⊕ **IC GFX** graphic processor.
- ⊕ **REM** entertainment system control module.
- ⊕ **BIO** electronic module.
- ⊕ **BIM** bodywork module.

Wiring diagrams by model for **B11R** bus.

Information available with the subscription of the new technical data module 'Jaltest INFO Plus'.

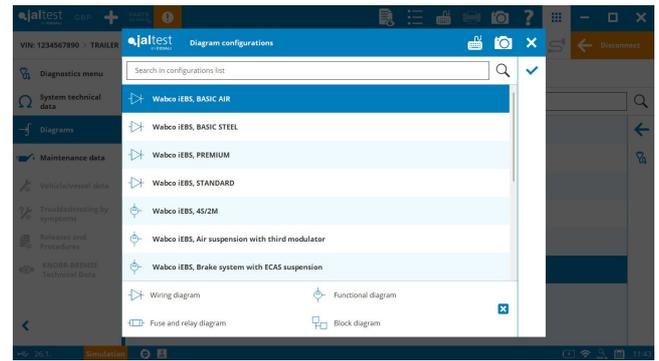
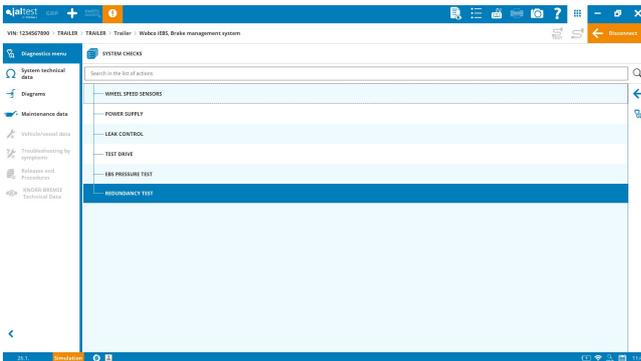


## TRAILER

### WABCO

Development of the new E7 variant in the **EBS E** brake control system.

**IEBS** brake control system, actuations and system checks. Component technical information and operating and wiring diagrams are included.

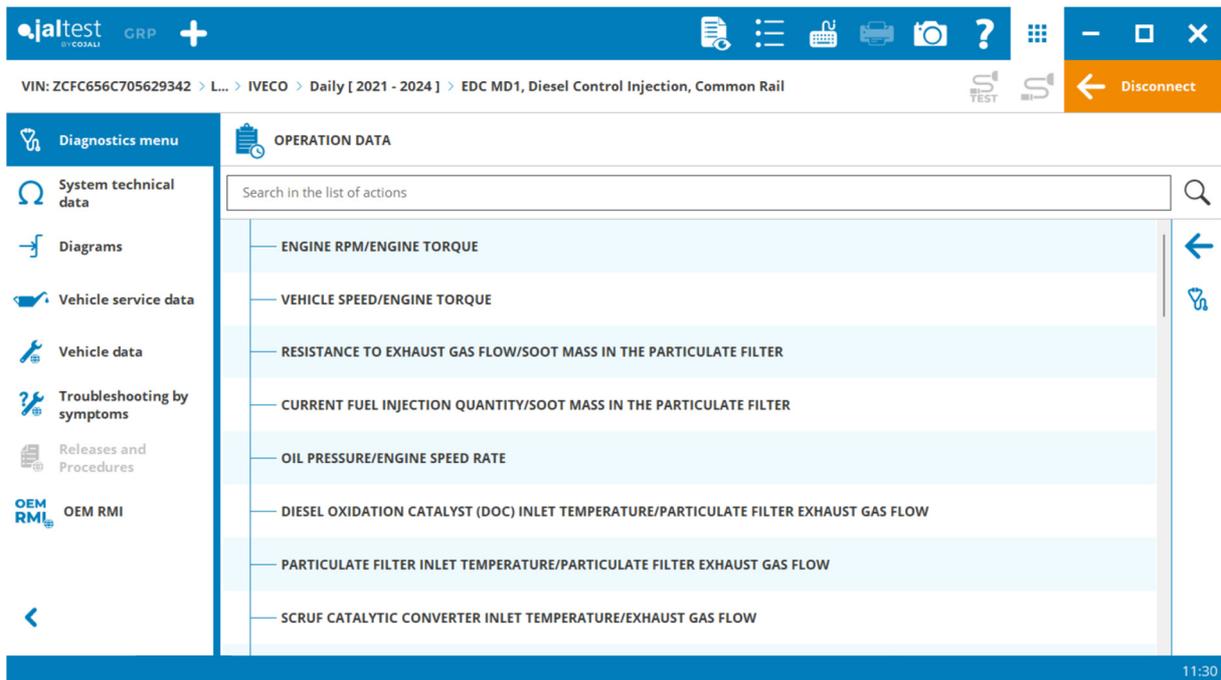


# LIGHT COMMERCIAL VEHICLE

## IVECO

New systems in the **Daily MY2024** model.

**EDC MD1** engine control system, operation data.



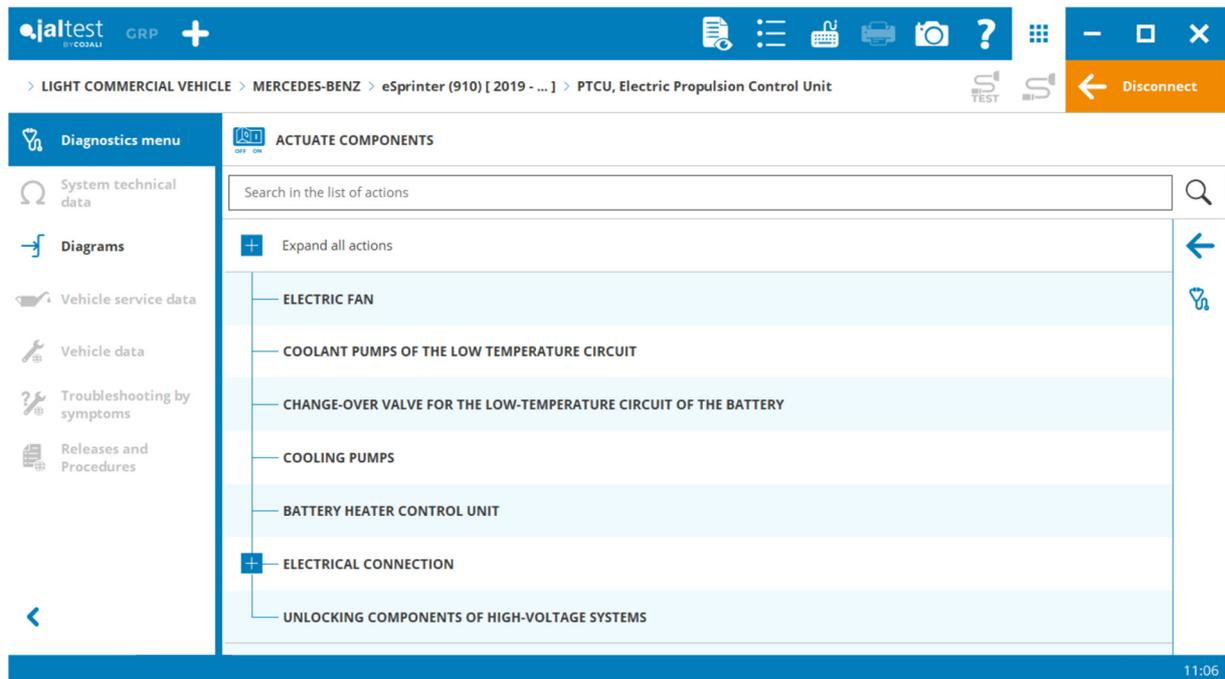
Wiring diagrams by model for **Daily MY2012 (Diesel & CNG)**.

Information available with the subscription of the new technical data module 'Jaltest INFO Plus!'.

## MERCEDES-BENZ

New functionalities and systems in the **e-Sprinter 910, e-Vito** electric models:

- ⊕ **OBC** system.
- ⊕ **DC/DC Converter** system.
- ⊕ **AVAS** system.
- ⊕ **PTCU** system.



**DCT 7G** automatic transmission related to new **Citan Serie W420** models.

## STELLANTIS

**DCM 6.2 + SCR** engine control system, additive system checks (cerium).

New systems for small and medium-sized models (**Berlingo, Partner, Proace City, Doblò, Combo E, Jumpy, Expert, Vivaro C, Scudo**).

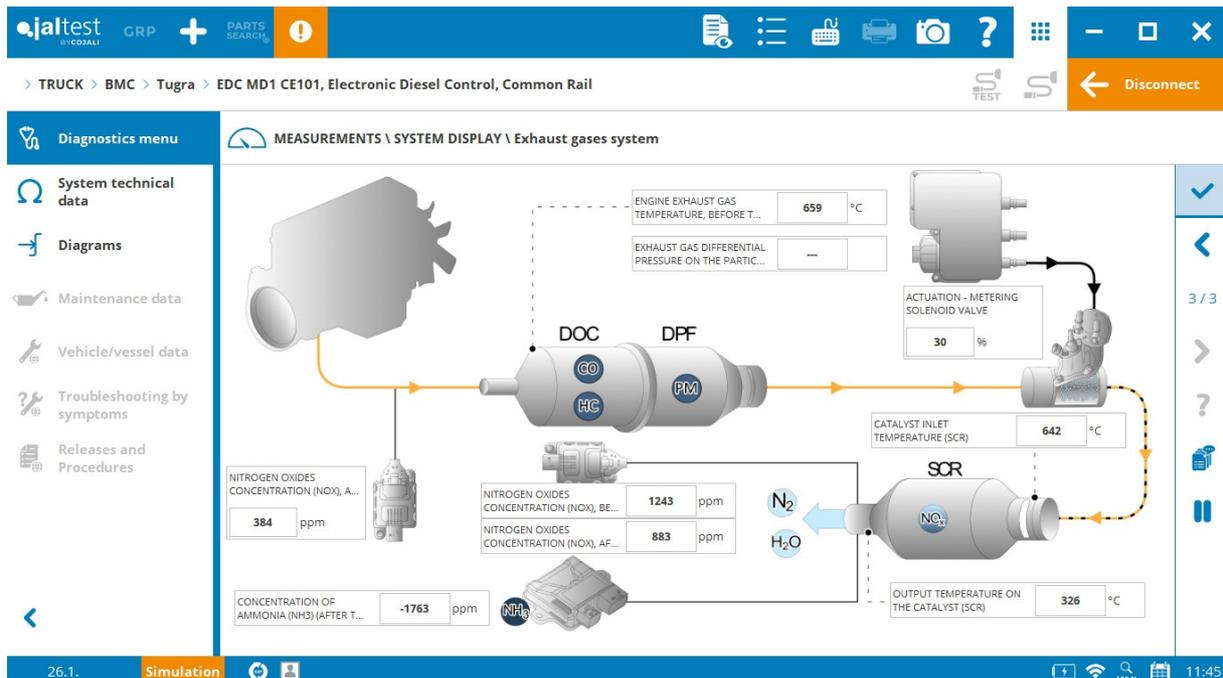
## VOLKSWAGEN

New hybrid/electric vehicle management systems for the **Multivan T7 1.4 e-Hybrid (STM/STN) [2022 - ...]** model, **engine: DGEA**.

# MANUFACTURER

## IVECO FPT

System Display of fuel system, AdBlue/DEF module and **EDC MD1 CE101** engine exhaust gas system.



## WEICHAI

In vehicles with **Euro 4/5 technology**:

⊕ **WISE 12A** engine control system installed in trucks and buses of different Chinese brands such as CNHTC-SINOTRUK, KING LONG, XCMG, SHACMAN, TRI-RING, among others. The system includes reading and fault code clearance, measurements, activations and other checks.

