INNOVATIONS 22.1

CV
COMMERCIAL
VEHICLE

AGV
AGRICULTURAL
EQUIPMENT
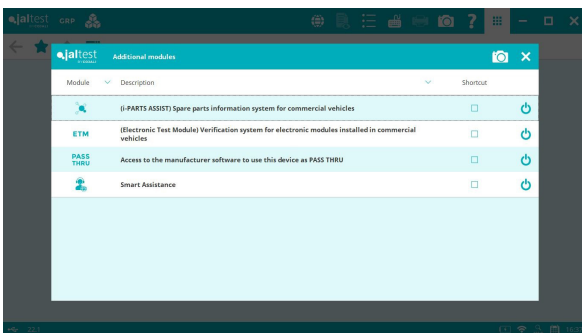
OHW
OFF-HIGHWAY
EQUIPMENT

MHE
MATERIAL
HANDLING

marine
VESSELS

SOFTWARE INNOVATIONS

The new software version Jaltest 22.1 once again offers more improvements and innovations that consolidate this tool as a benchmark in multi-brand diagnostics for commercial and agricultural vehicles, OHW (Off-Highway) and MHE (Material Handling Equipment) applications, and vessels.
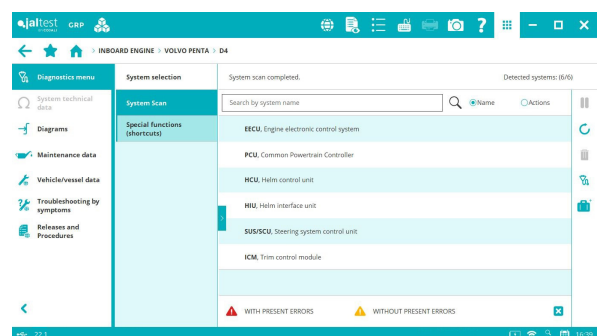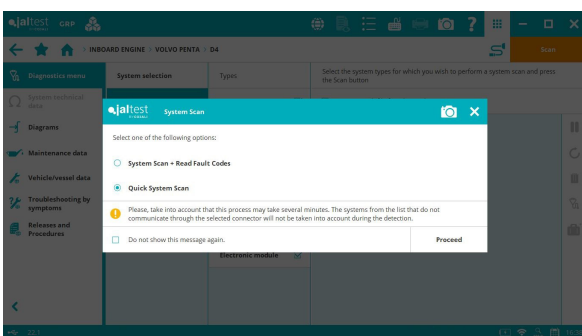

This version, the **additional modules** of Jaltest, except GRP, have been grouped in the upper navigation bar. However, it is possible to personalise it and create shortcuts.

Also, the software usage times and the registration process have been improved, the number of systems with variant control through web service has increased, etc.
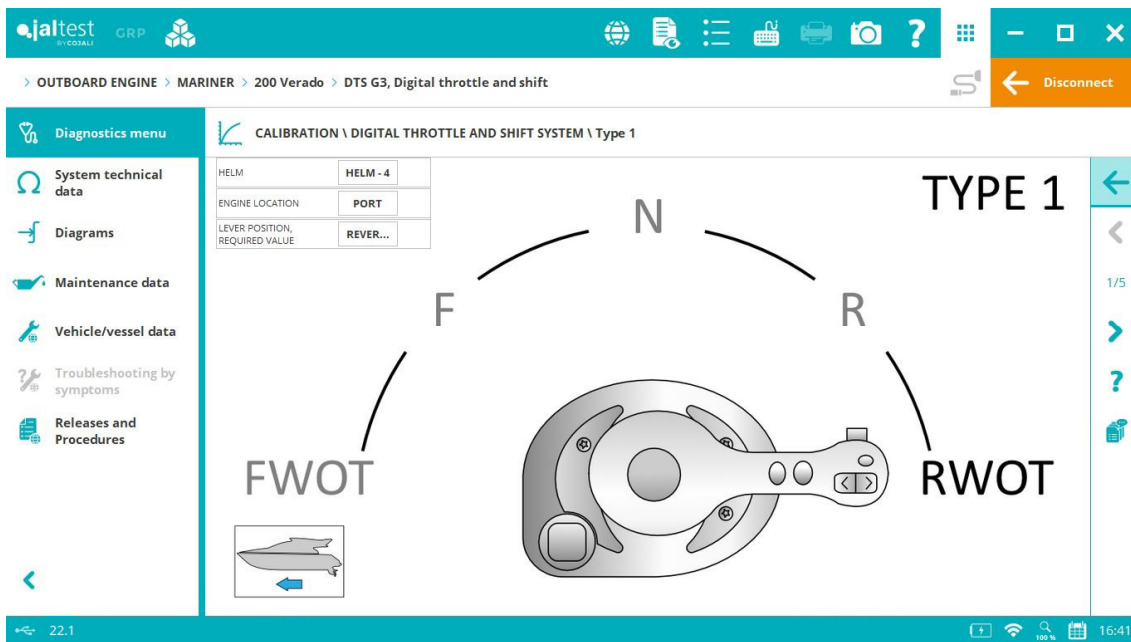
Quick system scan

Possibility of performing a quick system scan and knowing which systems are installed in the vessel. In some models, special scan systems that allow the result achievement in just a few seconds are used.
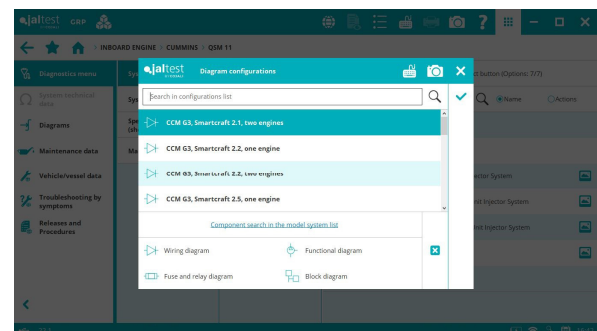

Dynamic display of System Display

GIF format in System Display that allows the variation of an image depending on the measurement value.

Display of all system diagrams of the model

With this version, the user can access all system diagrams of the model together with fuse and relay boxes, etc. by simply selecting the model.
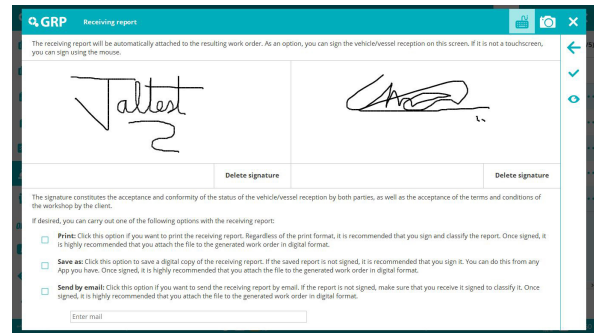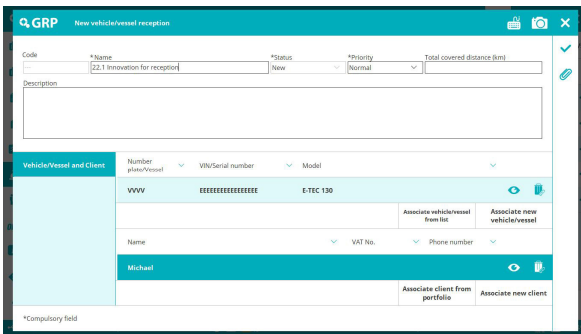

Other functionalities

- Maintenance and notification processing when installing and running the software in Windows 7.
- Classification of Jaltest videos by licence applications.
- Improvement when adding comments in diagrams by model and in fuse and relay boxes.
- Standardisation process developed of the display order regarding the types and intervals of maintenance services.
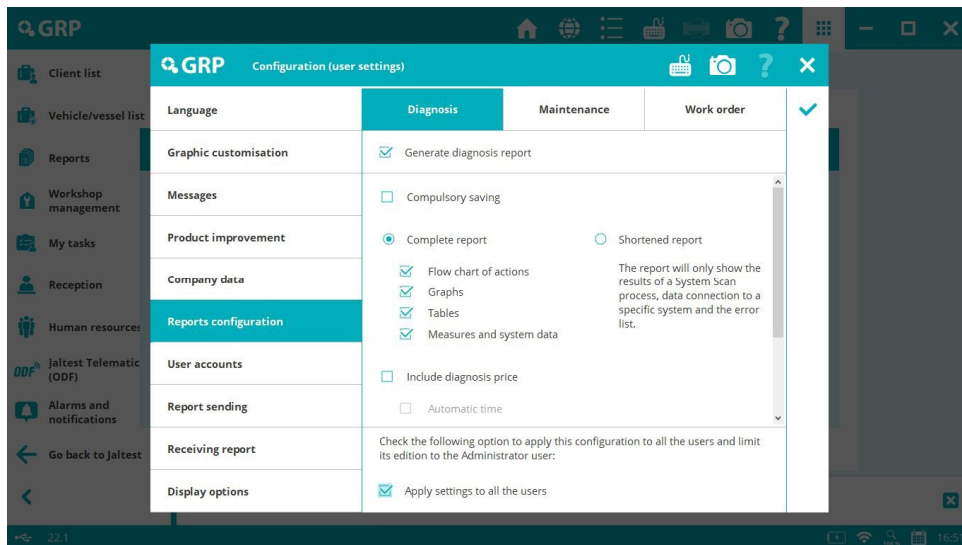- Automatic display of system mileage and service hours in reports.

GRP

Generation and signature of reception reports in GRP

At the vessel reception, a reception report is generated and it is automatically associated as document with the work order created. Furthermore, different methods for the signature of receptions have been added.

Report configuration

New options to compulsory save the report and possibility of locking the configuration by the Administrator.

Other functionalities

- Improvements in the data synchronisation.
- Possibility of assigning a diagnostics report of a model to a vessel despite not matching. In this case, the client is informed, who now is able to associate reports even after selecting a wrong model or accessing through STATIONARY ENGINE.
- Access to the application through a GRP user. It is only necessary to fill in the data once and these will be filled in automatically in Jaltest Feedback.
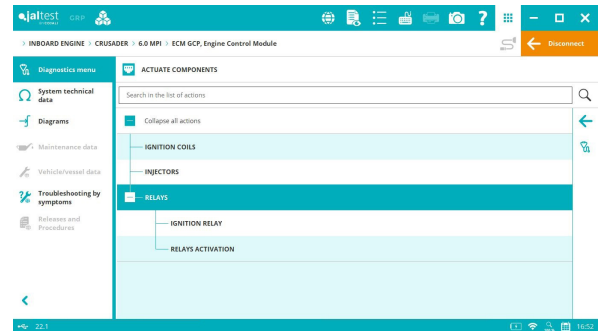- Modification of the GRP closure, new button "Go back to Jaltest".

DIAGNOSTICS AND SYSTEMS

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.
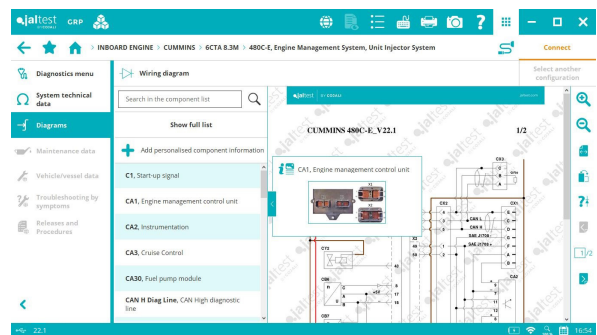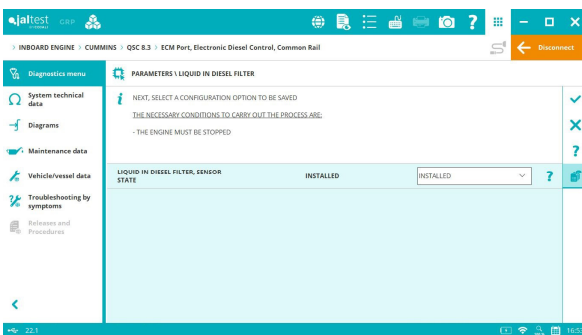
INBOARD

CRUSADER

ECM GCP engine control system, operation data and activations of injectors, coils, starter relay and main relay.
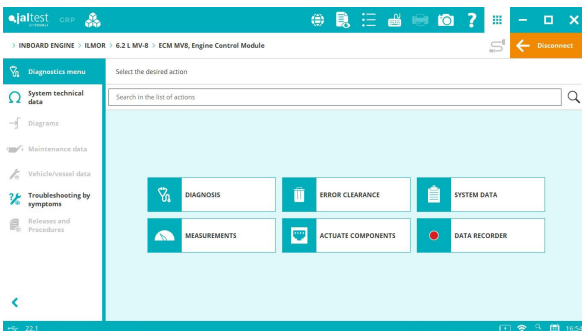

CUMMINS

⊕ **480C-E** engine control system, which includes wiring diagram as well.

QSC8.3 ECM Port and **ECM Starboard** engine control system, water sensor parameter setting in the fuel filter.
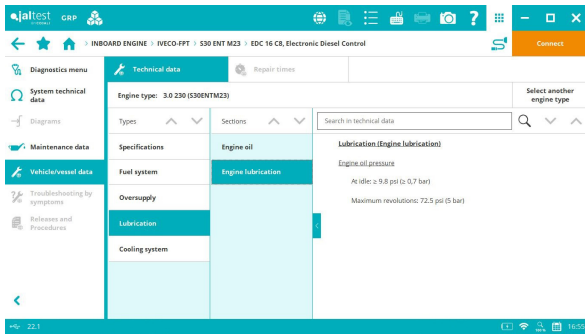

ILMOR

ECM MV8 engine control system, operation data and activations of injectors, coils, starter relay and main relay.
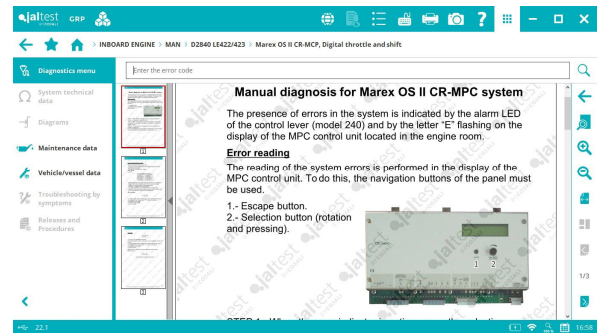
IVECO-FPT

⊕ **EDC 16 C8** engine control system in **S30 ENT M23** model.

In addition, new technical data and maintenance data of the vessel available.

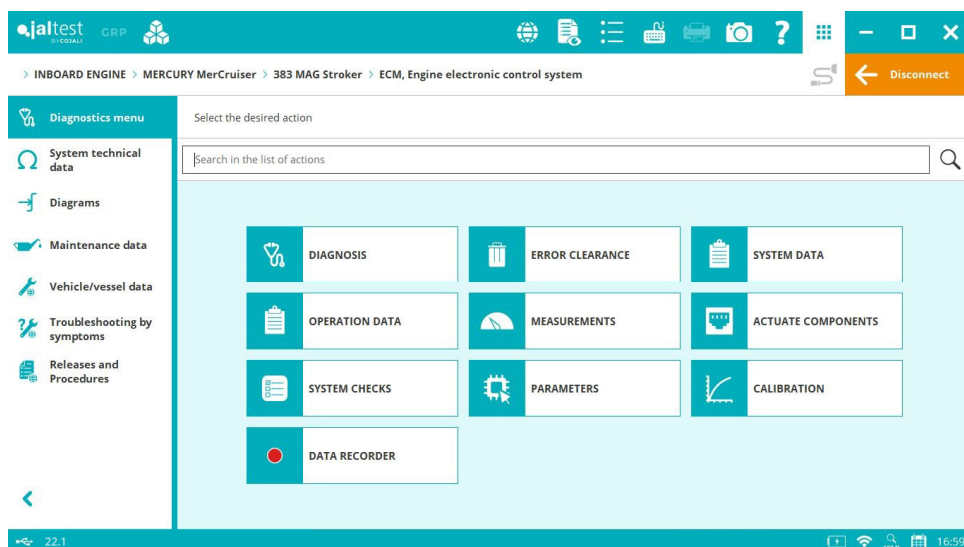## MAN

⊕ **Marex OS II CR-MCP** lever control system. It applies to all Common-Rail engines of the brand.
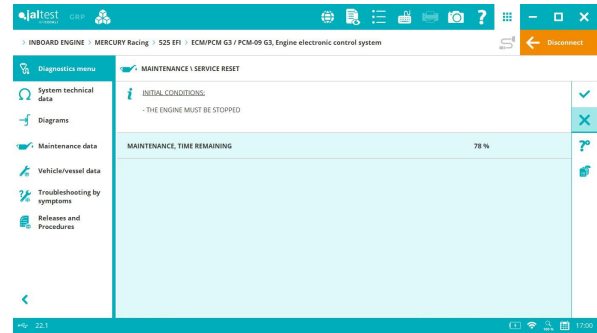

MERCURY MERCRUISER

New **383 MAG Stroker** 6.3 L engine model. It includes all the diagnostics functionalities of **ECM 555** system, as well as technical information.
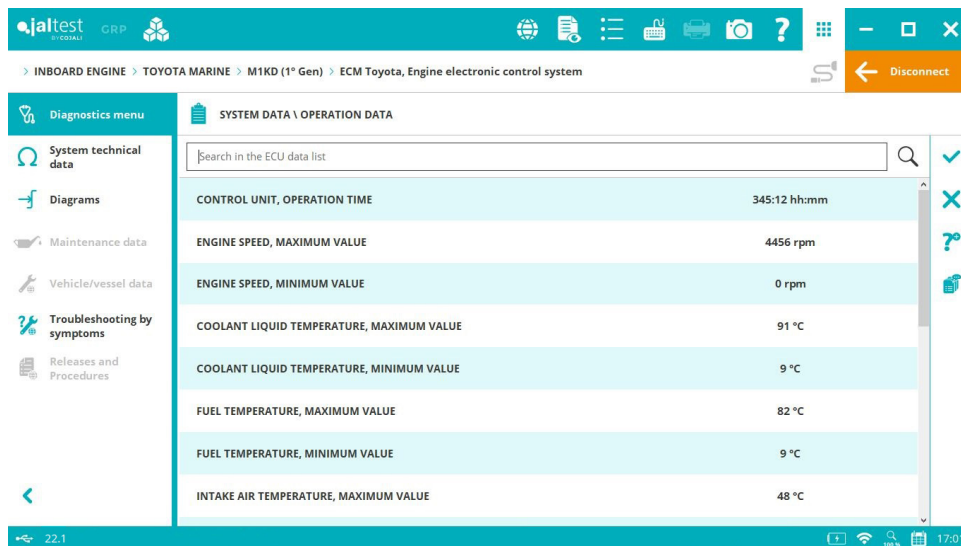
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MERCURY RACING

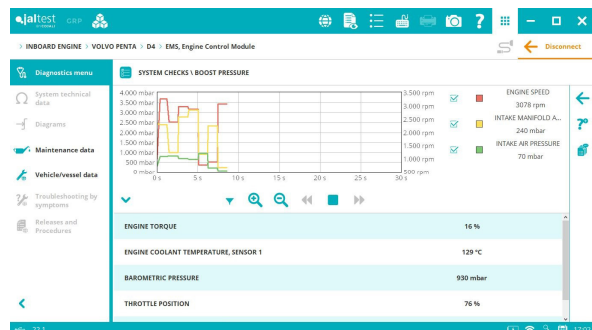⊕ **PCM G3** engine control system in **525 EFI** model.

TOYOTA MARINE

⊕ New brand in INBOARD ENGINE this version, including **ECM Toyota** system developed with these functionalities: reading and clearance of errors, system data, operation data, measurements and parameters. In addition, new wiring diagram and troubleshooting guides by symptoms available.
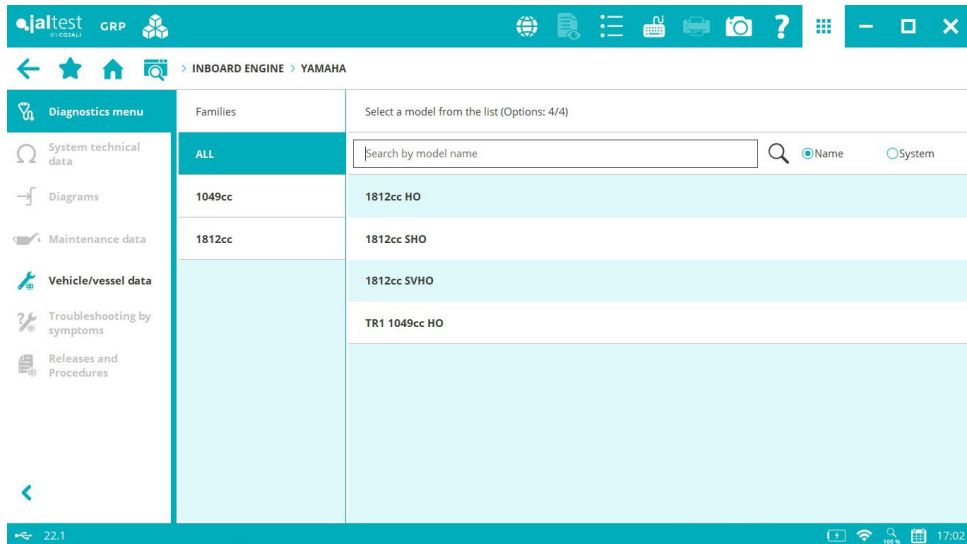

VOLVO PENTA

⊕ **JDC 544A** diagnostics cable.
⊕ **EMS** engine control system in **D4, D6, D13, D6 IPS, D8 IPS** and **D13 IPS** models.

SMART troubleshooting guides for errors of the **EECU** engine control system in **D3, D4** and **D6** models.
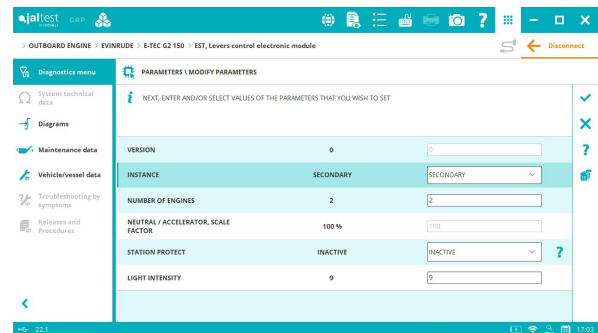
YAMAHA

⊕ New brand in INBOARD ENGINE this version, including **ECM EFI** available in **1812cc HO, 1812cc SHO, 1812 SVHO** and **TR1 1049cc HO** models. In addition, new vessel and maintenance data available, as well as SMART troubleshooting guides by symptoms.

OUTBOARD

EVINRUDE
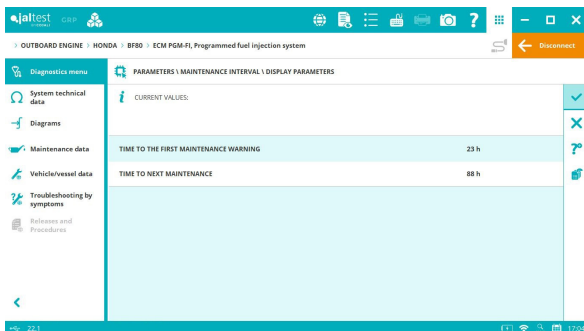
EST lever control system in models of the **E-TEC G2** and **E-TEC G2 HO** families, parameter modification.

HONDA

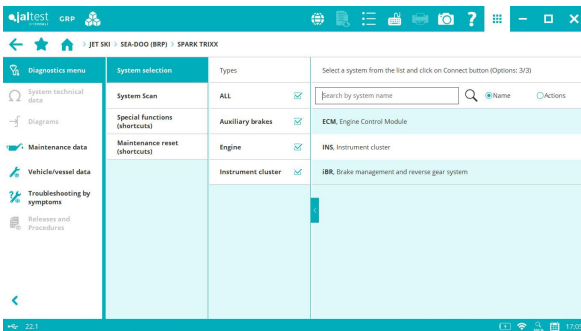New software references of the **ECM PGM-FI** engine control system.

The parameter reading of models compatible with this function has been added.

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New software references of the **PCM-112** engine control system in **450R Verado V8** model.
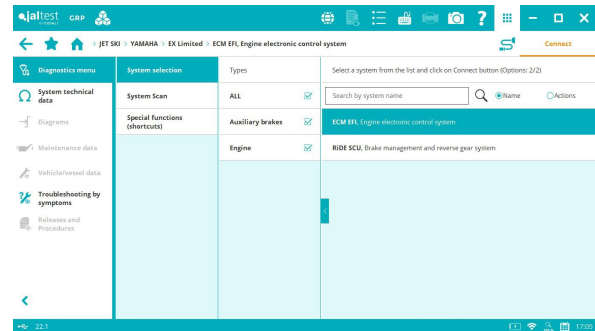
JET SKIS

SEA-DOO (BRP)

New **GTX PRO** and **Spark Trixx** models, both with **ECM**, **INS** and **iBR** systems. In addition, new vessel and maintenance data available, as well as SMART troubleshooting guides by symptoms.

YAMAHA

New **EX**, **EX Sport**, **EX Deluxe**, **EXR** and **EX Limited** models. All of them have **ECM EFI** and **RiDE** systems, as well as troubleshooting guides by symptoms.

STATIONARY ENGINE

CATERPILLAR

Models with **C-9.3** (SAE J1939) engines, operation test of the fuel system and the Exhaust Gas Recirculation system.

C-3.6 (SAE J1939) engine control system, activations, checks of the fuel Pressure Relief Valve and the intake and exhaust valves among others, injector coding and maintenance reset.

CUMMINS

CM2450 engine control system, injector calibration and installation and calibration procedure of the Variable Geometry Turbine. In addition, new troubleshooting guides and component replacement guides available.

CM2350 engine control systems, parameter setting of engine protection, PTO control and many more.

Component replacement guides in engines with **B6.7N, L9N** and **ISX12N CM 2380** control systems.

HATZ

⊕ **EDC 17 CV54** engine control system.

PERKINS

⊕ Engine control system of **403J** and **404J Stage V** engines.

New advanced functions available in the SAE J1939 control system of the **904J** engine which includes new wiring diagrams.

VOLVO PENTA

EMS V3 engine control system, activation and calibration of the Exhaust Gas Recirculation valve.

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