

Sialtest OHW

INNOVATIONS 24.2













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.

BRANDS AND MODELS

OHW - HEAVY EQUIPMENT

This version includes the **PONSSE** brand, manufacturer of forestry machines.

LIEBHERR

New models, including 6 models of **R Series** crawl excavators.

OHW - COMPACT EQUIPMENT

Increased number of models in DOOSAN, MECALAC and WACKER NEUSON brands.

MECALAC

15 new models and 4 new families, such as MRAIL Series crawl excavators.

STATIONARY FNGINE

Increased number of models in the **KHOLER** brand, these are gasoline engines with Delphi injection control system.

MULTI-PURPOSE VEHICLE

This version includes the **GLOBAL ENVIRONMENTAL PRODUCTS** brand and new models in the **RAVO** brand.

DIAGNOSTICS AND SYSTEMS

This version has a larger number of **wiring diagram configurations** among the most relevant engine control systems following any selection path in the different brands. This coverage is available thanks to a functionality which grants access to the generic diagram of the engine part without considering specific equipment components.





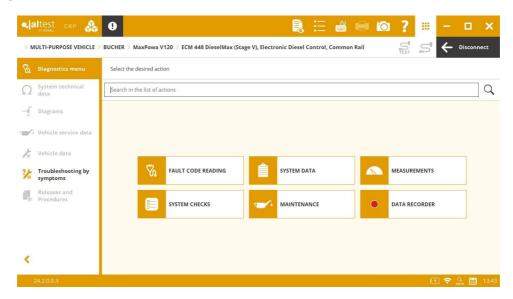








It is important to note the development of new advanced actions such as the exhaust gas aftertreatment system checks in the **DieselMax 448** engine control system in **JCB STAGE V** engines. This system is available for STATIONARY ENGINE and other brands such as **BUCHER**.



OHW - HEAVY EQUIPMENT

AMMANN

EMR5 EDC MD1 (on SAE J1939) engine control system, new checks.

CASE CE

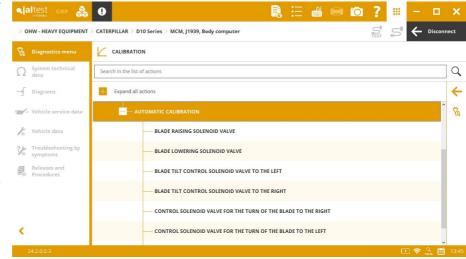
Troubleshooting guides by symptom in the **4HK1, 4JJ1** (on SAE J1939) engine control system.

CATERPILLAR

C-27 / C-32 (on SAE J1939) engine control system, injector parameters.

C-18 (on SAE J1939) engine control system, injector parameters and check of errors in CAN communication lines.

MCM (on SAE J1939) central computer for **D Series**, new calibrations.















HYDREMA

1104D (on SAE J1939) engine control system, accelerator parameters.

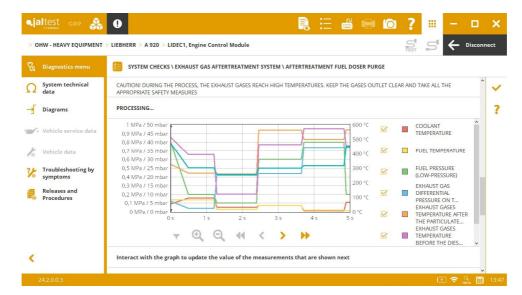
HITACHI

New wiring diagram configurations in 4HK1 / 4JJ1 (on J1939) systems for ZX100W-7 Series, ZX200-7 Series, ZX100-6 Series and ZX100-5 Series.

Fault code troubleshooting guides in the 6HKI engine control system.

LIEBHERR

LIDEC1 (on RS232) engine control system, new checks and maintenance services.















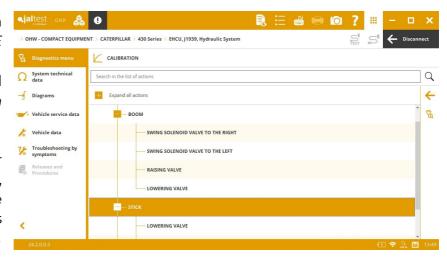
OHW - COMPACT EQUIPMENT

Advanced actions have been developed in the actuations, checks and service menus for the **ECU3** (on UDS) engine control system of **LIEBHERR**.

CATERPILLAR

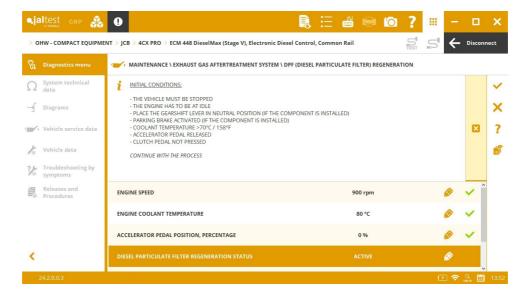
- ⊕ **EHCU** hydraulic system for **400 Series** (on SAE J1939).
- **SCM** steering control system for **400 Series** (on SAE J939).

MCM central computer for **D Series** (on SAE J1939), calibrations of the implement control valves and automatic calibrations.



JCB

⊕ DIESELMAX 448 (on J1939) engine control system for Stage V engines.



KOMATSU

New wiring diagram configurations in the **PUM** (on SAE J1939) hydraulic system in **PC 80-100 Series**.













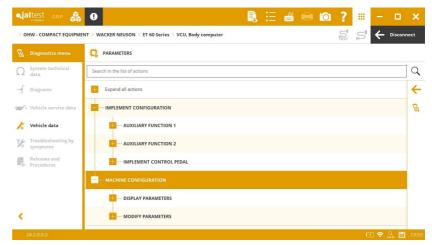
LIEBHERR

ECU3 (on UDS) engine control system, new advanced actions in actuations and checks; reset of the long-lasting fault code memory.

WACKER NEUSON

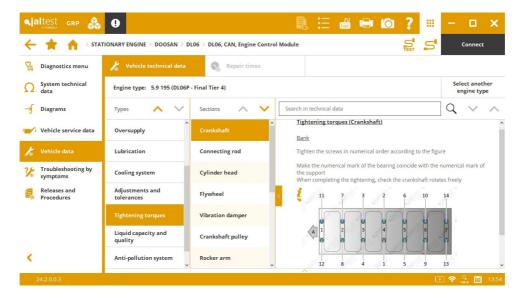
(on SAE J1939) instrument cluster for compact wheel loaders.

VCU (on SAE J1939) central computer for compact excavators, implement and machine configurations.



STATIONARY ENGINE

Overall, technical data included in new **DOOSAN** engine types.



CATERPILLAR

C-27 and C-32 (on SAE J1939) engine control system, injector parameters.
C-18 (on SAE J1939) engine control system, injector parameters and check of errors in CAN communication lines.

New fault code troubleshooting guides for C-2.8 and C-3.6 engine control systems.













DEUTZ

EMR5 EDC MD1 (on SAE J1939) engine control system, checks of the air filter restriction switch and the engine protection.

EMR4 EDC17 CV52 (on SAE J1939) engine control system, EGR system test and EGR valve reset.



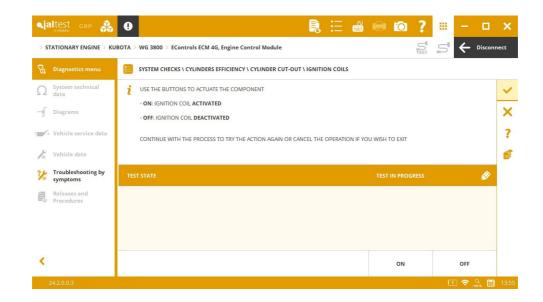
Jaltest Central Services: Clearance of permanent fault codes.

ISUZU

New fault code troubleshooting guides for 4HKI, 4JJI and 6HKI engine control systems.

KUBOTA

ECONTROLS ECM 4G (on SAE J1939) engine control system, actuations, checks and maintenance services.



PERKINS

1204F / 1206F (on SAE J1939) engine control system, check of errors in CAN communication lines.

904J (on SAE J1939) engine control system, maintenance for the AdBlue/DEF module cleaning.













MULTI-PURPOSE VEHICLE

Extended diagnostics coverage for engine control systems. It is important to note new functionalities in **DEUTZ STAGE V** engines in the **HANSA** brand.

