Jaltest
Software
Hardware
Services
Telematics
Cojali

JALTEST.
INDUSTRY-LEADING
DIAGNOSTICS &
TECHNICAL SOLUTIONS
Jaltest is a Mutibrand and Multisystems diagnostics tool developed to perform the most advanced vehicle diagnostics and maintenance tasks in an easy and intuitive way. Jaltest is not limited to reading fault codes on vehicle systems, it also features bi-directional controls and guided troubleshooting. Jaltest after-sales support is focused to deliver professional services to the workshop through:

1. Technical Assistance.
2. Training & e-Learning.
MULTIBRAND AND MULTISYSTEM COVERAGE

Jaltest is the market leading multibrand diagnosis tool for commercial vehicles. It also offers diagnostics capabilities beyond on-road vehicles, allowing technicians to connect to trailer, light-medium commercial vehicle, construction, mining and earth-moving equipment, among others.

JALTEST. DELIVERING TRUE DIAGNOSTICS SOLUTIONS ACROSS MULTIPLE INDUSTRY SEGMENTS

MORE THAN DIAGNOSTICS

With Jaltest, technicians will have access to a wide range of functionalities which will guide them through the vehicle repair process:

2. i-PARTS ASSIST. Cross-referencing platform. Installation guides.
3. ETM (Electronic Test Module). Direct diagnosis on EBS modules.
4. Diagnostics Menu.
5. System Technical Data.
6. Wiring diagrams, and fuses and relay boxes.
9. Troubleshooting Guides by symptoms.
12. Troubleshooting Guides by Fault Codes.

These are some of the features that make Jaltest the Industry’s Leading Diagnostics tool.
GUIDED DIAGNOSTICS

Jaltest provides the necessary information to repair vehicle breakdowns in an easy and effective way:

1. Component technical data.
2. Wiring, system and fuse diagrams.
3. Vehicle service data for vehicle inspections.
4. Vehicle technical data.
5. Troubleshooting by symptoms of the most common failures on the vehicles.
6. Releases and procedures with manufacturer information.
7. Repair times.

JALTEST PROVIDES A GREAT AMOUNT OF ADDITIONAL HELP FOR TECHNICIANS
JALTEST INFO

Detailed technical information including images, pictograms, graphics, diagrams and pictures for every vehicle to be diagnosed. This information will help to identify the error code, the part, the location, etc. In this complete module we can find:

1. Diagnostics (troubleshooting by error code).
2. System Technical Data.
3. Diagrams.
5. Vehicle Service Data.
6. Troubleshooting by symptoms (diagnostics).
7. Releases and Procedures (TSBs).
8. Repair Times.

BEST-IN-CLASS REPAIR GUIDES, ONE CLICK AWAY

JALTEST INFO IS THE BENCHMARK TECHNICAL INFORMATION IN THE MARKET
JALTEST GRP

GRP is an optimized workshop management solution. Share customer information, vehicle data and diagnostic reports, work order management, labor times and access to Jaltest telematics solutions.

JALTEST DELIVERS RESULTS, AS SOON AS THE VEHICLE ENTERS THE WORKSHOP

**GRP BASIC**

- Client list.
- Reports (diagnosis, maintenance & ETM).

**GRP SYNCHRO**

- GRP Synchro.
- Workshop Management Module.
- Reception Module.
- My Tasks Module.
- Jaltest Telematics Module.
- Data synchronisation between PCs (same interface).
- Information Back-up.
- Human Resources.

**GRP ENTERPRISE**

- GRP Synchro.
- Workshop Management Module.
- Reception Module.
- My Tasks Module.
- Jaltest Telematics Module.
- Data synchronisation between PCs (same company).
- Work order reports.
- User accounts control (unlimited).

**GRP NETWORK**

- Access to diagnosis and maintenance reports between multiple workshops inside a network.

**GRP MODULES DESCRIPTION:**

**CLIENT LIST:** management of customers for a workshop or a network of workshops.

**REPORTS:** management and consultation of all reports generated by Jaltest: diagnosis, maintenance, work order, workshop time or ETM module.

**WORKSHOP MANAGEMENT:**
- Work orders.
- Task.
- Workshop time reports.

**MY TASK:** each user can manage the assigned tasks easily by this menu.

**RECEPTION:**
- Reception forms.
- Work orders management.

**HUMAN RESOURCES:** intended for the management of the workshop’s staff.

**JALTEST TELEMATICS:** link between the fleet, workshop and truck driver. It allows the user to receive notifications and alarms sent by the fleet manager.
JALTEST ETM

ETM (Electronic Test Module) is an additional module to Jaltest Software that is used to isolate and verify electronic modules and sensors installed in commercial vehicles.

1. EBS modulators.
2. Trailer control module.
3. ABS/EBS inductive wheel speed sensors.
4. Brake pad wearing sensors.

JALTEST TOOLS

New Jaltest Tools product range, designed to provide the workshop with professional and reliable equipment, in accordance with the current technology present in commercial vehicles.

Product classification:
1. ADAS Calibration Equipment.
2. Electronic Simulation Benches.
3. Special Repair Tools.
4. Electronic Equipment.

I-PARTS ASSIST

I-PARTS Assist, Cojali’s latest Parts Support Program aimed towards the workshop. Through a series of guides and video tutorials, the workshop is capable of easily carrying out the installation of components that may require reprogramming or the use of diagnostics tools.

PASS-THRU

The protocol functionality “Pass-Thru” (SAE J2534) allows the user to use the Jaltest Link communication interface with the manufacturer software in order to perform functions like updating of units, calibrations, etc.
OUTSTANDING FEATURES

1. INTERACTIVE WIRING DIAGRAMS.
While navigating over the wiring diagrams, the components are outlined and the technical information including relevant documents, technical data, comments and location, can be directly accessed.

2. SYSTEM OPERATING DIAGRAM.
Understanding how systems work can be a complex task. Jaltest provides the pneumatic, electrical and fuel schematics with their corresponding technical values, images, locations and much more to speed up the technician’s work.

3. SYSTEM DISPLAY.
Real-time live data display on vehicle schematics. It enables a fast assessment of the functioning of the system.

4. VIRTUAL INSTRUMENTS / GRAPHS.
Visual aid for the technician to check values and understand the actual status of any system available in the vehicle.

5. SYSTEM SCAN.
This function allows the user to auto-detect the available systems in the selected model. During the Auto-detection, error reading of every available system takes place including their identification data. Later, every error found can be cleaned.

6. FLEET CUSTOMISATION.
This function will allow customizing your fleet. Create new brands specific to your market by selecting the systems included in the vehicle. Add connectors, location, images and comments.

7. DIAGNOSIS BY NUMBER PLATE.
Once the customers and vehicles portfolio has been created, the access by number plate is fast and easy.

8. SHORTCUT TO SPECIAL FUNCTIONS.
Optimize repair times at the shop with direct access to relevant repair processes.

9. TECHNICAL DATA AND PROCEDURES.
The experience of Cojali’s Technical Assistance team has allowed the classification of the most relevant technical data of the vehicle.

10. REPAIR TIMES.
In order to help improving the workshop time management and productivity, a time estimation function has been created.
JALTEST EXPERT MODE

Jaltest EXPERT MODE offers advanced diagnostic possibilities for the workshop. With EXPERT MODE, the technician is able to carry out actions that require modifying parameters on different ECUs:

1. Calibrations of sensors (injectors, VGT, accelerator, etc.).
2. Setting of the system operation parameters (coding of injectors, etc.).
3. Configuration of the vehicle maintenance services.
4. Verification of systems functionalities.
5. Replacement of electronic control units.
6. DPF regeneration.
7. More...

NEW VEHICLES ARE MANUFACTURED ALL OVER THE WORLD EACH DAY: TRUCKS, BUSES, TRAILERS, AGRICULTURAL VEHICLES, ETC., WHICH INCORPORATE NEW ELECTRONIC MANAGEMENT SYSTEMS AND THE LATEST TECHNOLOGICAL DEVELOPMENTS.

CONSTANT INNOVATION

New vehicles are manufactured all over the world each day: trucks, buses, trailers, agricultural vehicles, etc., which incorporate new electronic management systems and the latest technological developments.

THREE ANNUAL SOFTWARE UPDATES
COMMERCIAL VEHICLES

Diagnostics equipment aimed for workshops where repair and/or maintenance services are performed in several types of commercial vehicles, such as: Trucks, Buses, Trailers, LCVs, Pick-Ups.

This wide coverage, as well as the additional diagnosis modules (Jaltest INFO, GRP, ETM, i-PARTS ASSIST, Troubleshooting) and the possibility of configuring additional brands by the workshop, makes the Jaltest Commercial Kit the Industry-Leading diagnostic solution.

JALTEST KITS ARE CLASSIFIED BY SECTOR AND COVERAGE

This wide coverage makes this kit the most powerful diagnosis unit on the market.

2. All commercial vehicles standards and protocols are supported including RP1210 and Pass-Thru.
3. Intuitive and quick software interface.
4. Automatic detection of systems and error codes.
5. Troubleshooting by symptoms and errors help.
6. Integrated technical information, wiring diagrams, technical documents...
7. Programmed updates and latest developments implementations.
8. Call-center for technical and product support.
10. ETM - Electronic Test Module.
11. i-PARTS ASSIST. Cross-referencing platform, installation guides.
14. Repair times.
JALTEST AGV

Jaltest is placed as a benchmark in this market by launching an application with great advantages and possibilities for an effective diagnosis on agricultural vehicles. Following the functions from the other Jaltest modules, Jaltest completes this version with a great coverage for brands, systems and technical information, as well as with a wide range of cables for direct connection.

JALTEST OHW

This Jaltest kit has been developed to perform diagnosis in special and construction vehicles such as cranes, excavators, dumpers, stationary engines or street sweepers and road maintenance equipment. The wide coverage, the technical information and the repair guides make Jaltest OHW the reference tool in the sector.
Diagnostic and maintenance tasks in jet skis, outboard and inboard engines. Same as with the rest of the available diagnosis kits, Jaltest Marine gathers all the experience of the Jaltest Development and Technical Assistance departments available for marine businesses, shipyards, nautical workshops and specialists in the repair and maintenance of vessels.

Jaltest RP1210 is the newest standalone addition to our Jaltest Diagnostics product lineup, further expanding the possibilities of our Diagnostics offer. The RP1210 Standard functionality allows the user to utilize the Jaltest Link VCI (Vehicle Communication Interface) with different manufacturers’ software, without the need to utilize the OE hardware, making this new product the most complete entry-level commercial vehicle diagnostic solution in the market.

This new tool has been developed with a specific coverage of industrial vehicle brands from East Asia. It is ready to meet the needs of all workshops and fleets from this area, as well as from other markets where these brands are sold.
JALTEST MODULAR KITS

JALTEST TRUCK.
This module includes every function available in Jaltest and it is developed only for trucks. It is the perfect tool for those workshops and fleets that only perform repair or maintenance work on tractor heads or rigid trucks. The wide range of brands for any market makes it the benchmark tool in the sector.

JALTEST TRUCK SELECT.
Now Jaltest offers the possibility to access a custom-made software experience, choosing only the vehicle brands better adapted to your business. This version will ensure every diagnostic task for the brands selected by the customer.

JALTEST TRAILER.
Jaltest diagnosis software is the most advanced solution for the repair and maintenance of trailers and semitrailers. Jaltest offers the best coverage, functions and technical information in the market for this kind of vehicles.

JALTEST BUS.
Jaltest diagnosis software ensures the connection with this kind of vehicles in an easy and precise way. Thanks to the different Jaltest modules, as well as to the possibility of diagnosing by number plate or chassis number, Jaltest is considered the best multibrand diagnostic device for the bus industry.

JALTEST LCV.
This software has the ability to perform the necessary diagnosis functions on any type of brand from European, American and Asian markets.

CUSTOMIZE YOUR MODULAR KIT.
Modular kits can be combined depending on the needs of your business. Enabling to have a customized diagnosis tool, combining any of the aforementioned kits.
EQUIPMENT

All Jaltest products have been designed to meet the demands and needs of the workshop mechanics and the most demanding road assistance needs. They are designed and built to face any extreme work or weather conditions.

JALTEST RUGGED PC.

Our newest model of ruggedized laptop. Designed for vehicle mechanics and workshops specialized in internal repairs and maintenance, the new Jaltest Rugged PC with Windows 10 Pro is one of the most compact and lightest semi-rugged laptops available today. With an exclusive design that improves resistance, a MIL-STD-810G category certification and a liquid resistant keyboard/touchpad, the Jaltest Rugged PC is your #1 Jaltest Diagnostics computer choice.

CHOOSE THE DIAGNOSTIC EQUIPMENT OFFERING THE MOST EFFECTIVE SOLUTION

JALTEST HARDWARE SOLUTIONS.

Jaltest offers a wide coverage of solutions for commercial vehicles, agricultural equipment, off highway equipment, and marine vessels. Additional diagnosis modules (Jaltest INFO, GRP, ETM, i-PARTS ASSIST, Troubleshooting…) and sets of cables are also available for workshops where repair and/or maintenance services are performed.

JALTEST ACCESSORIES.

Additional equipment offered to the workshop in order to perform their daily tasks in an easier and more comfortable way.
Services

THE CHANCE TO TURN YOUR WORKSHOP INTO A TECHNOLOGICAL CENTRE IS IN YOUR HANDS.

TRAINING

To perform diagnosis, repair or maintenance tasks, we do not only require mechanical knowledge. Today, new vehicles with new electronic systems demand a continuous training turning our skills into a great working tool, in order to deal with any kind of vehicle as new as it may be.

COURSES

For this reason, Cojali has created an exhaustive training plan, comprising both theory and practice. This training plan is multilanguage and it may be taught in Cojali’s training classrooms or in any other locations. Moreover, it has been designed with an e-learning format to follow the course on-line from any place.

TECHNICAL ASSISTANCE

This kind of support is essential to solve certain vehicle breakdowns. Technological developments require the technician to update their knowledge regularly. Cojali offers a specialized support based on the experience of our top mechanics and the development of technical information for commercial vehicles. Jaltest customers worldwide continue to trust on our specialized technical assistance service; this service includes the possibility of remote assistance connections to solve our customers’ doubts, immediately.

CUSTOMER SERVICE

A human team will be at your service to offer all the information about Jaltest you may need.

1. Updates innovations.
2. Update release calendar information.
3. Device licenses management.
4. New products, hardware and software.
5. Special offers and promotions.
6. Invoices and purchase orders.
7. Shipping management.

COURSES

DIAGNOSIS ELECTRICS PNEUMATICS ENGINE MANAGEMENT TRAILER SYSTEM SPECIFIC BRANDS JALTEST SPECIALIST COMFORT SYSTEMS AGRICULTURAL VEHICLES LIGHT COMMERCIAL VEHICLE DIY GEARBOX
Jaltest Telematics defines a new concept in the market that improves any current solution by adding technical information obtained directly from the vehicles. Jaltest Telematics is aimed towards the optimization of fleet efficiency, by reducing the number of breakdowns, measuring the main indicators to support the decision-making process, and providing the necessary information to the users in each role.

1. Cloud Diagnostics.
2. Real time fleet health-check.
4. ROI optimization.
5. Proactive Workshop.

**TELEMATICS, CLOUD DIAGNOSIS AND FLEET MANAGEMENT, A SOLUTION FOR EVERYTHING**

**LOCATION:**
- Current Position.
- History.
- Nearest Vehicle.
- My sites.

**ALARMS:**
- Location.
- Distance travelled.
- Time intervals.
- Overspeedings.
- Maintenance.
- Diagnosis.
- Pending tachograph / driver card downloads.

**MESSAGES:**

**REMOTE DIAGNOSIS:**
- Present Errors.
- Reading of out of range indicators.
- Real-time notifications (SMS and e-mails).
- Next maintenances.
- Fleet health-check.

**SENSORING:**
- Doors opening and closing.
- Temperature.
- Humidity.
- Pressure.
- Customized solutions depending on the type of business.

**REPORTS:**
- Times, Speeds, RPM.
- Trip charts.
- Trip diagrams.
- Consumption.
- Brake actuations.
- Driver’s Ranking.
- Parameter reading and trailer data.
- Inertia usage.
- Inputs or sensors installed.
- Use of cruise control.

**TACHOGRAPH:**
- Remote tachograph download.
- Remote download of driver cards, driving times and rest times.

**WORKSHOP NOTIFICATIONS:**
- Repairs management.
- Maintenance management.
- Possibility of remote diagnostics.
- Possibility to have a workshop network.

**ORDERS:**
- Asset tracking.
- Real-time tracking.
- Chat with the driver.
- History of changes.

**MAINTENANCE:**
- Management of maintenance tasks.
- Maintenance Log.
- Maintenance management through workshop notifications.

**FUEL:**
- Fueling recording for drivers and information about actual fuel costs.
Cojali is not only a manufacturer for the independent after-market, but also an OE-level solution provider. Thanks to a vast experience in the manufacturing of high-quality products, industry-leading and independent multibrand diagnostics and new technologies for fleet management, Cojali is a sure bet to provide solutions for leading vehicle and system manufacturers.

Cojali OEM Solutions

Cojali is not only a manufacturer for the independent after-market, but also an OE-level solution provider. Thanks to a vast experience in the manufacturing of high-quality products, industry-leading and independent multibrand diagnostics and new technologies for fleet management, Cojali is a sure bet to provide solutions for leading vehicle and system manufacturers.