

ADVANCED EQUIPMENT



- CV
- AGV
- OHW
- marine
- ISOBUS CONTROL
- TOOLS

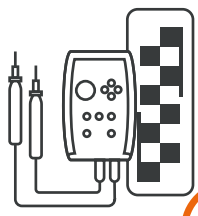




jaltest TOOLS



JALTEST
TOOLS



EQUIPMENT



BENEFITS FOR
WORKSHOP

cojali



COJALI

JALTEST TOOLS. TOOLS AND SOLUTIONS FOR A COMPLETE AND
PROFESSIONAL SERVICE





JALTEST TOOLS

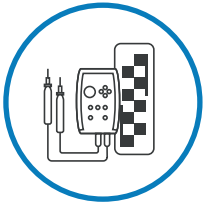
Jaltest Tools product range is designed to supply the workshop with high-quality professional equipment, consistent with the current technology of commercial vehicles.

Together with Jaltest, the leading multi-brand diagnostics tool, it provides new business opportunities and an easy and guaranteed service for the final customer.

This combination will facilitate the most advanced tasks of diagnostics and maintenance of vehicles in a simple and intuitive way, not only at software level, but also at manual level and regarding verification tasks.

1. ADAS CALIBRATION AND TESTING EQUIPMENT
2. ELECTRICAL AND AUXILIARY EQUIPMENT
3. SPECIAL TOOL
4. PRECISION AND AUXILIARY TOOL

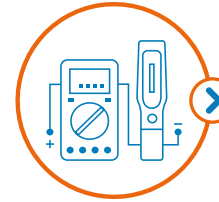




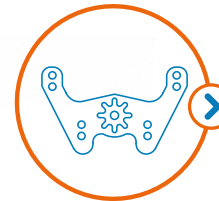
EQUIPMENT



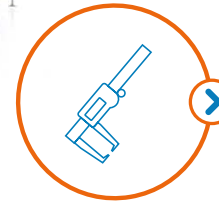
ADAS CALIBRATION
AND TESTING
EQUIPMENT



ELECTRICAL
AND AUXILIARY
EQUIPMENT



SPECIAL TOOL



PRECISION AND
AUXILIARY TOOL





ADAS CALIBRATION AND TESTING EQUIPMENT



JALTEST
ADAS



ESB

ECU Simulation
Bench

ETM

Electronic Test
Module

SST

Speed Sensor
Tester

PTE

Portable Trailer
e-Supply

WST

Wear Sensor
Tester






JALTEST ADAS

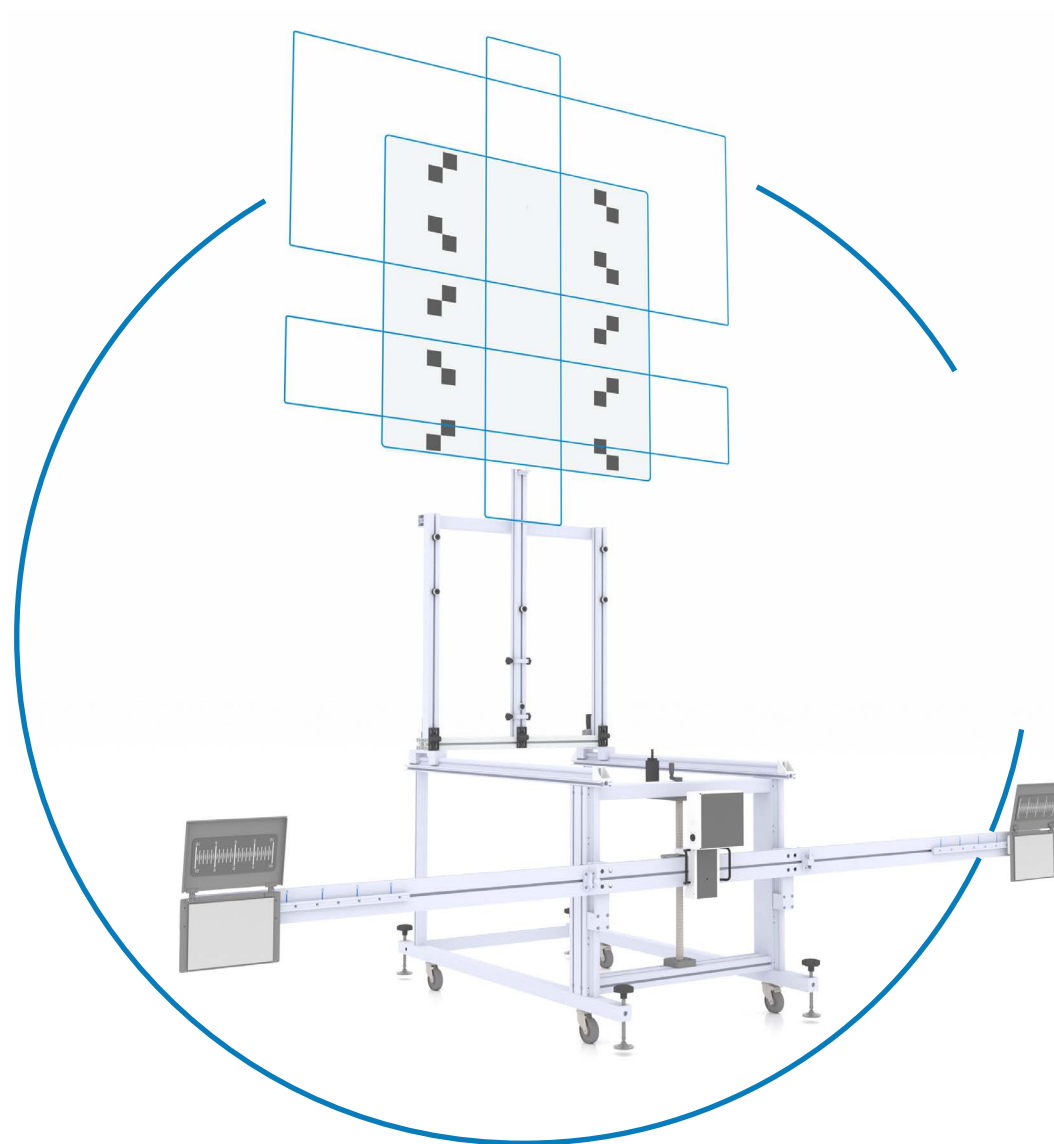
The ADAS safety systems are advanced systems for driver support and they are increasingly present in new vehicles. Their functions include the management of the adaptive cruise control, emergency braking or lane departure detection.

Often, these systems must be reset after accidents; windscreen renewal, control unit replacement, vehicle chassis adjustment, inappropriate behaviour, etc.

In order to meet the challenges that this entails, Jaltest Tools range launches on the market, in a pioneer manner, the equipment and accessories necessary for the correct ADAS calibration systems presents in commercial vehicles, always accompanied by detailed information for its installation and operation.

For its proper operation, it will only be necessary to follow the assembly instructions of the following elements: 

THE PIONEER ADAS CALIBRATION TOOL FOR COMMERCIAL VEHICLES



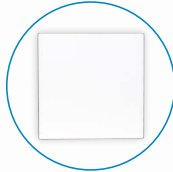


JALTEST ADAS

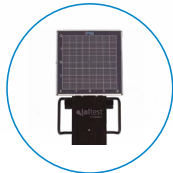
Laser wheel alignment tools



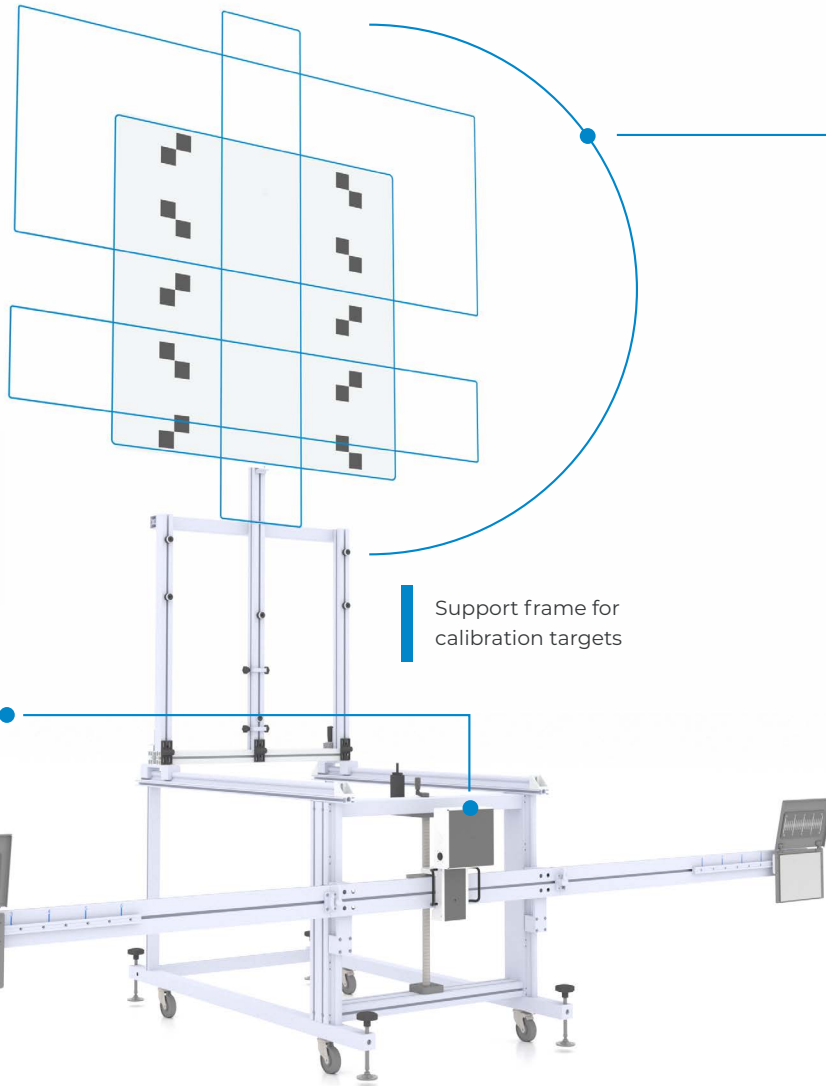
ADAS calibration target for radar Volvo/Renault Euro 6, UD Trucks



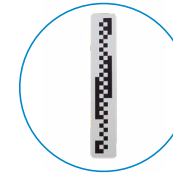
Radar calibration kit for truck and bus



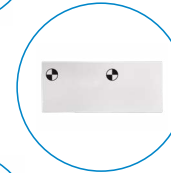
Mirrorcam Mercedes-Benz calibration template



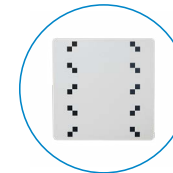
Support frame for calibration targets



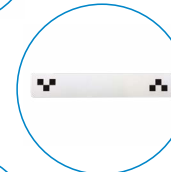
Knorr-Bremse, Scania Euro 6, Man, Ford, Fiat Ducato, Iveco Daily ADAS calibration target



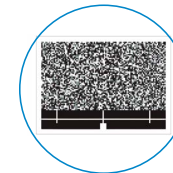
Nissan ADAS calibration target



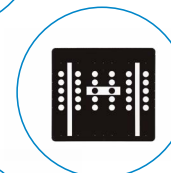
Volvo/Renault Euro 6 UD Trucks ADAS calibration target



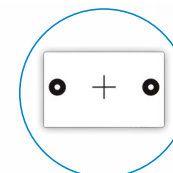
Isuzu Euro 6 ADAS calibration target



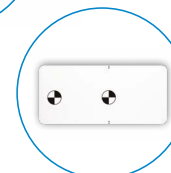
Isuzu Euro 6 ADAS calibration target (Type 2)



VW Crafter/Man TGE ADAS calibration target



Mercedes-Benz Sprinter Euro 6 ADAS calibration target



Renault Master Euro 6 ADAS calibration target





ESB SIMULATION BENCHES

With Jaltest ESB (ECU Simulation Bench), it is possible to verify the correct operation of electronic control units of commercial vehicles, simulate all input signals and read the output signals, and perform diagnostics of the ECU simultaneously. Also, it has specific documentation to repair different faults in electronic control units and troubleshooting guides to verify the correct operation of the ECU.

Jaltest ESB simulation equipment will enable diagnostics, repair and test of electronic control units for commercial vehicles by:

1. Simulation of ECUs input signals.
2. Reading of output signals.
3. Access to repair documentation.
4. Access to check guidelines.



PROFESSIONAL, INDEPENDENT, EFFECTIVE AND SELF-REPAIR

1. TECHNICAL DOCUMENTATION
2. KNOW-HOW OF COJALI
3. MULTI-BRAND AND MULTI-SYSTEM DIAGNOSTICS
4. INTEGRATION IN A SINGLE TOOL
5. JALTEST QUALITY





JALTEST ETM

Jaltest ETM (Electronic Test Module) is an additional module to Jaltest software used to isolate and verify electronic modules and different sensors installed in commercial vehicles, in order to:

- Avoid wrong diagnostics and the replacement of components due to problems with the wiring or the control unit itself.
- Perform accurate and advanced diagnostics of the complete integrity of the EBS modulators.
- Perform an End-of-Line (EOL) test to ensure the correct operation of the components.
- Provide coverage for the most important suppliers of EBS modulators; Knorr-Bremse and Wabco, as well as for their different generations.

Types of modules and sensors subject of verification:

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





JALTEST SST

Jaltest SST (Speed Sensor Tester) is a device designed to check the state of both passive and active speed sensors. In addition, it includes an option to simulate signals of these types of sensors in order to verify the behaviour of the control unit.

In case of failure or malfunction, with Jaltest SST it is possible to quickly detect whether the damaged component is the speed sensor or, otherwise, it is the control unit which is not processing the signal correctly, and to know whether it is a power supply, short circuit or open circuit problem. In this way, it is possible to avoid other types of more complex and difficult tests.





JALTEST PTE

Jaltest PTE (Portable Trailer e-Supply) is a mobile device designed to check the power supply and the signals that are transferred between the tractor head and the towed vehicle, such as lighting, signalling signals and CAN communication.

It has two operating modes, depending on whether check is required in the tractor head or in the towed vehicle. In addition, Jaltest PTE can be used as external power supply in the towed vehicle, therefore it is possible to diagnose the systems with electronic control through the Jaltest diagnostics tool without tractor head.

Through LED lighting, Jaltest PTE shows the status of each one of the electric signals of the ISO 7638 and ISO 12098 connectors, providing a quick and safe check.

It is a product designed to provide a quality service, reducing significantly the time spent on checks and failure detection.





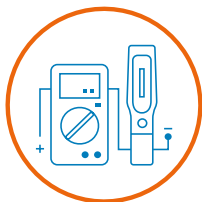
JALTEST WST

Jaltest WST is a portable device of small dimensions made for checking the correct operation of brake pad wear sensors as well as their state.

It has a selector that enables the user to choose the type of sensor to be checked and, through a display incorporated to the device, see the voltage value (V) in an easy way.

It enables reducing considerably the time invested in checks thanks to the cable kit that provides an optimal connection.





ELECTRICAL AND AUXILIARY EQUIPMENT

BATTERY ACCESSORIES

Several products and accessories for the maintenance of vehicles batteries, such as battery chargers or jump starters.



CABLES AND ADAPTERS

Variety of products compatible with the different types of conventional testing equipment in order to carry out tests and measurements in the electrical installations of vehicles.



WORK LAMP

Several types of work lamps with LED light, with different lightning levels, magnetic, rechargeable and with adjustable head angle. Designed to withstand impacts, dust and small water drops.



MEASURING AND TESTING

Several products for accurate measuring of different physical and electrical magnitudes present in vehicle systems and components: multimeters, temperature measuring devices, distance measuring device, refractometer, tachometer, etc..



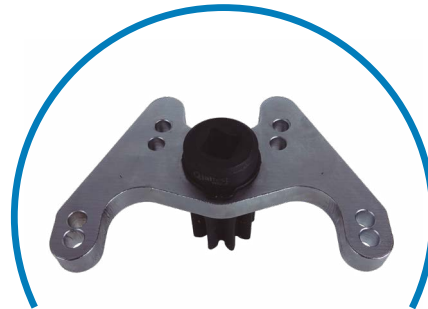


SPECIAL TOOLS



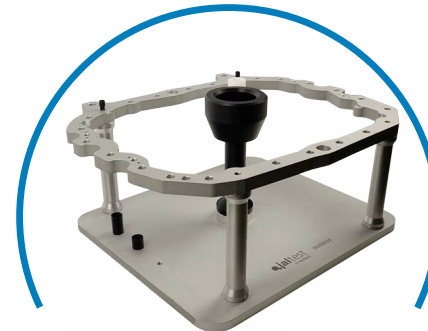
TOOLS FOR ANTI-POLLUTION

Specific tool necessary for the correct performance of maintenance and cleaning tasks among others, on the group of components of vehicle anti-pollution systems.



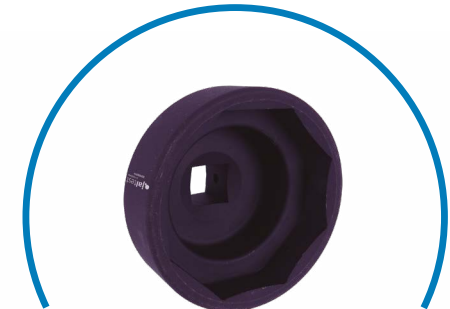
ENGINE TOOLS

Specific tool necessary for the correct development of tasks in the engine block and other related peripheral components. They are engine rotation tools, tools for positioning, kit for replacing injectors sleeves, keys for oil filters, etc.



GEARBOX TOOLS

Specific tool necessary for certain tasks of maintenance and repair of the gearbox and its components. For example, assembly and disassembly kit, clutch wear check tools, seal replacement tools, etc.



TOOLS FOR AXLES AND DIFFERENTIAL BRIDGE

Specific tool necessary for operations on different types of axles and differentials both of truck and trailer, such as axle bushing nut wrenches, tools for the installation of seals, tools for bearing installation and tools for ABS cogwheel installation.





PRECISION AND AUXILIARY TOOL

Jaltest Tools provides the workshop with auxiliary and precise tools necessary for common maintenance, repair and check operations in vehicles in an agile and professional way.



TORQUE WRENCHES



BEARING PULLERS



WRENCHES



MEASURING AND TESTING



FILTERS



ENGINE



TORQUE MULTIPLIER



IMPACT SOCKETS





BENEFITS FOR WORKSHOP

✓ QUALITY ASSURANCE

All the tools of Jaltest Tools have been developed by the specialised engineering team of Cojali, adapting to the specific needs of more than 25,000 of its customers. In addition, they have been deeply tested to ensure their optimal performance.

✓ COMPATIBILITY WITH JALTEST DEVICES

Jaltest Tools ensures the comfort of having the same and compatible devices from the same supplier, facilitating repair, recalibration and maintenance processes regardless of the model and brand of the vehicle.

✓ MODERNISATION AND PROFESSIONALISM

Cojali is aware of the constant evolution of the sector and the added value entailed by the most advanced techniques for the workshop. These techniques enable addressing new incidents present in the vehicle, whose electronic systems are increasingly advanced.

✓ SAVINGS IN REPAIR TIMES

Having precise and easy-to-use tools guarantees quick action and cost-saving in labour, allowing the workshop to deal with a higher number of vehicles more efficiently and in the shortest possible time.

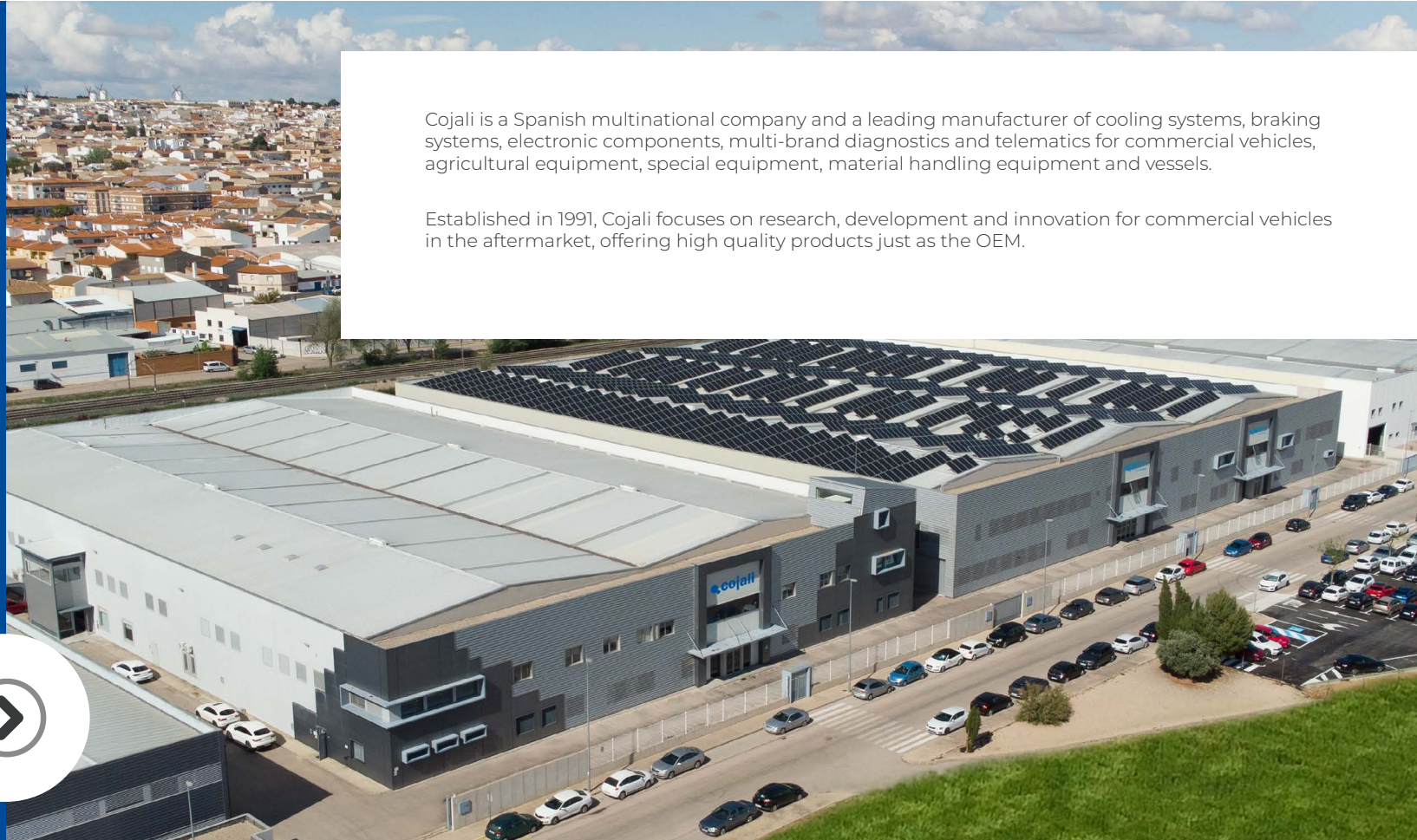


« **cojali**

700
WORKERS

+115
COUNTRIES

COJALI.
INTERNATIONAL
PRESENCE



Cojali is a Spanish multinational company and a leading manufacturer of cooling systems, braking systems, electronic components, multi-brand diagnostics and telematics for commercial vehicles, agricultural equipment, special equipment, material handling equipment and vessels.

Established in 1991, Cojali focuses on research, development and innovation for commercial vehicles in the aftermarket, offering high quality products just as the OEM.

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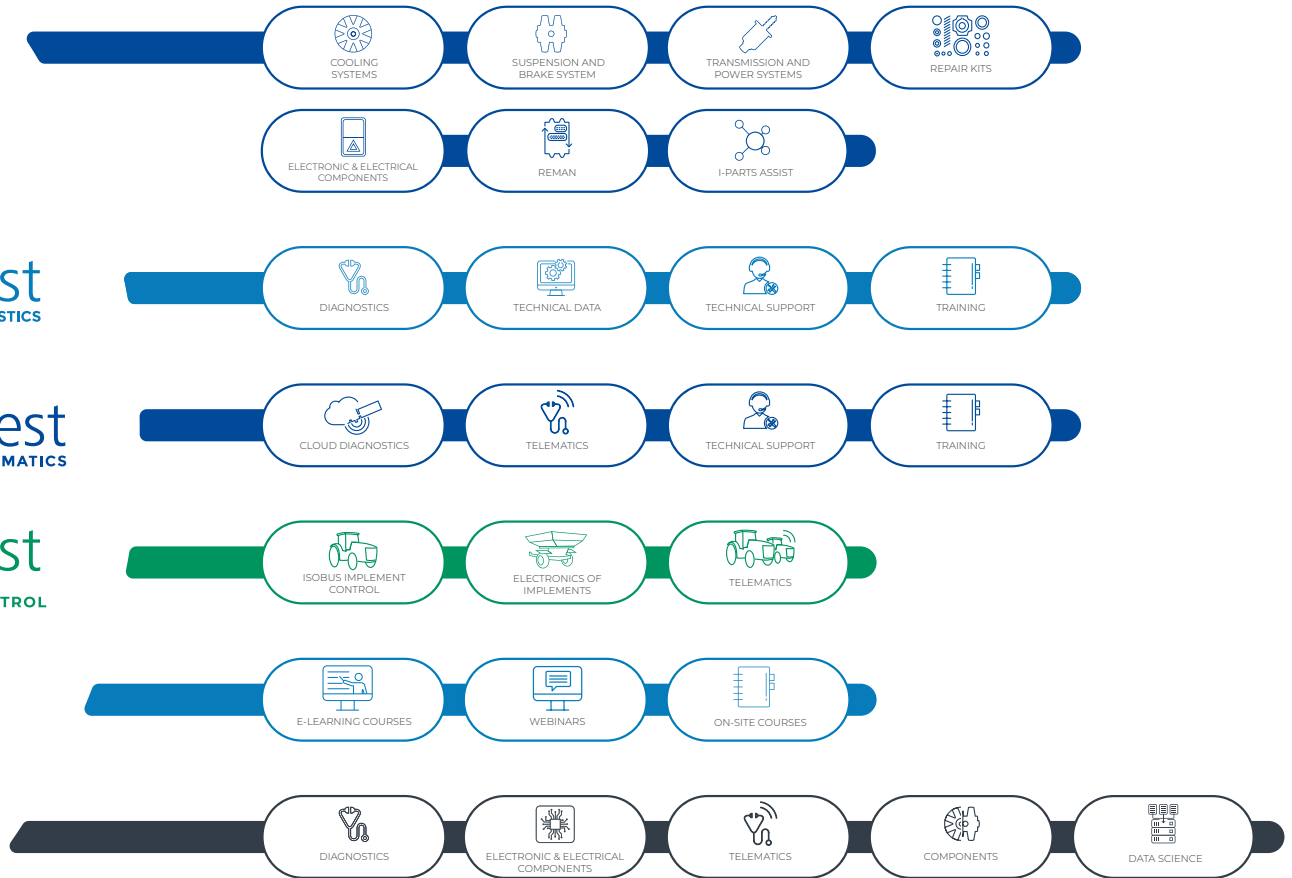
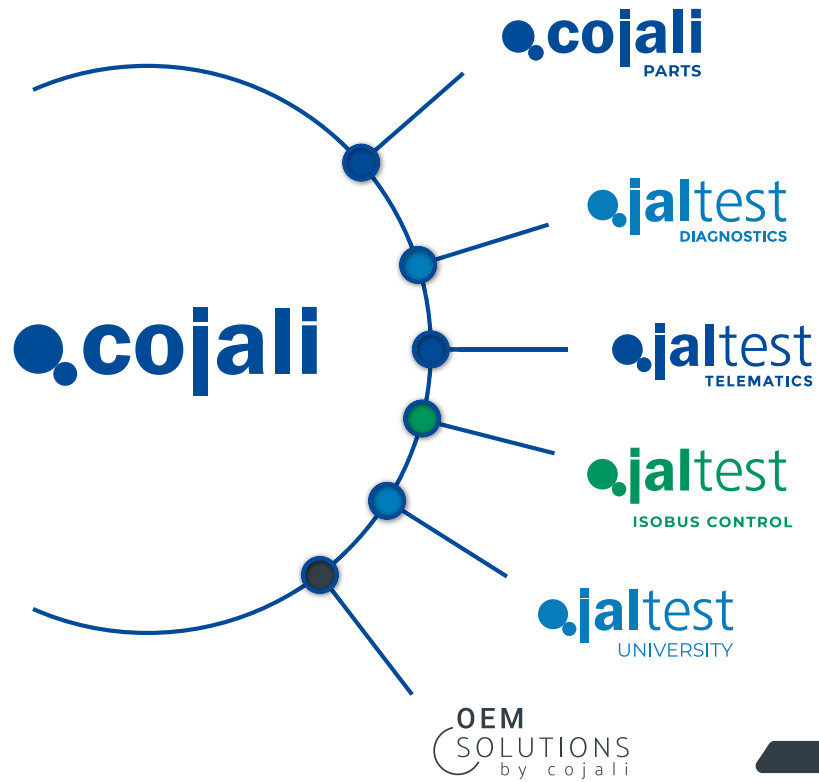
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