

**cojali**

**NOx Sensor Test Bench**



**cojali**  
PARTS

**jaltest**  
BY COJALI



# Catalogue of the exhaust gas aftertreatment system

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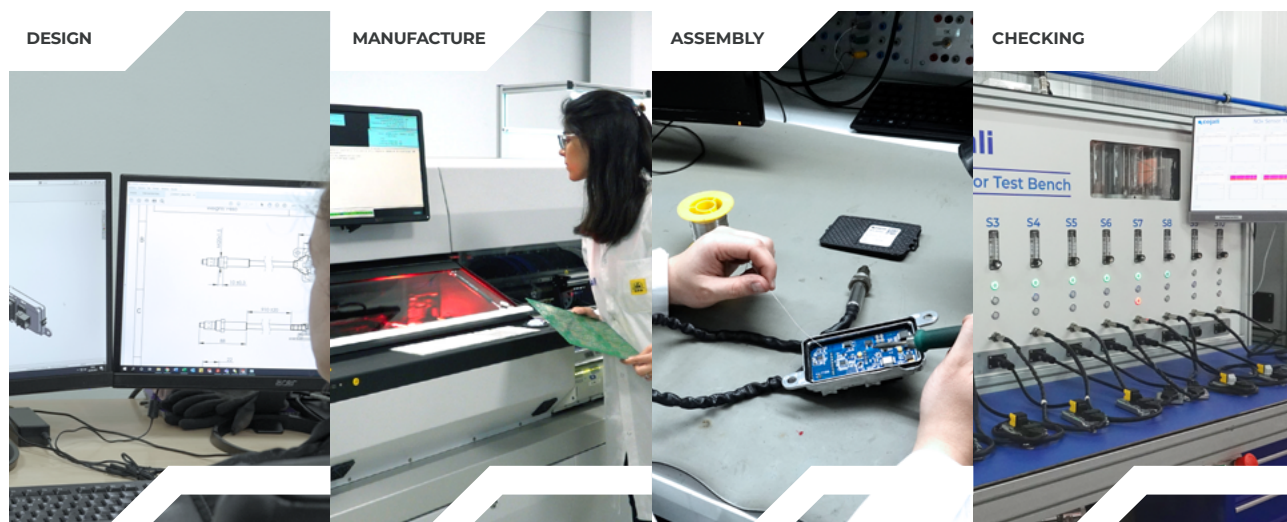


## INTRODUCCIÓN



**Heavy-duty transport**, mostly diesel, **has evolved** in recent years to adapt to a sector increasingly committed to **reducing emissions**. **Strict European environmental regulations** have prompted the introduction of **advanced anti-pollution systems** such as **particulate filters (DPF)** and **NOx reduction catalytic converters (SCR)**, which require an **AdBlue/DEF dosing system** to maximise efficiency in the reduction of polluting gases. The operation of these systems depends on **precise electronic control**, based on **NOx sensors, pressure sensors and temperature sensors**, managed by the vehicle's various **control units (ECUs)**. The use of **diagnostics tools** connected to these units allows any anomalies to be **quickly detected and repaired**, ensuring optimum performance. According to the International Council on Clean Transportation (ICCT), **heavy-duty vehicles are responsible for 76% of global emissions of NOx**, compounds formed by the reaction of nitrogen and oxygen during combustion at high temperatures. These gases affect **human health** and contribute to the formation of tropospheric ozone and photochemical smog, **which is why their control has become a regulatory priority**.

At **Cojali**, we manufacture **exhaust gas treatment systems** that meet the **highest quality standards**, taking care of every detail of the manufacturing process. **Each component is verified through functional and durability tests that ensure its performance and reliability** in the most demanding conditions.

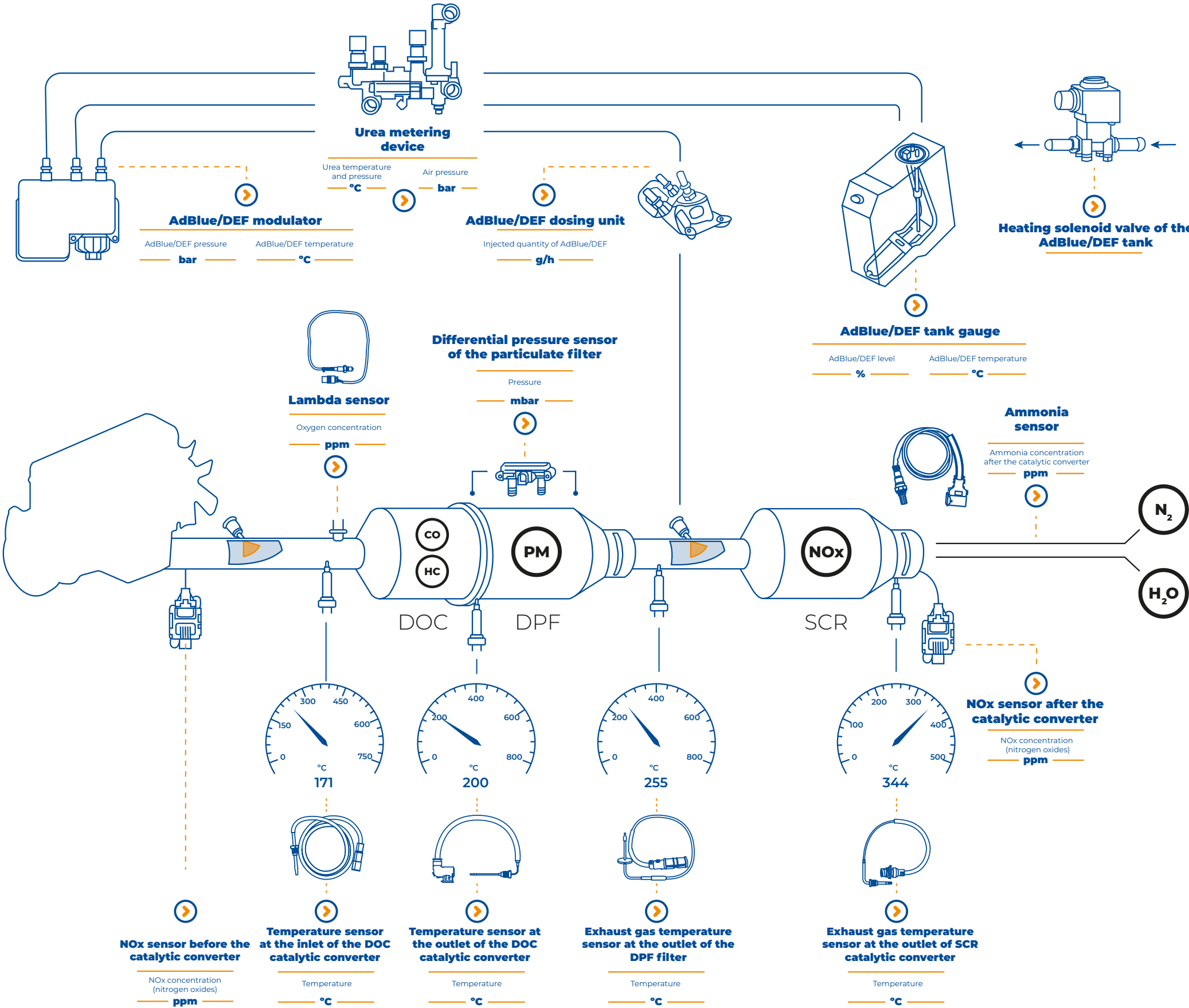


## COJALI PARTS

In Cojali Parts we offer a **wide range of components** in which **electronics plays a key role**.

These are in charge of functions as important as the **measurement of exhaust gases**, which is the reason why they have turned into **indispensable** elements to meet the current needs of the automotive sector.

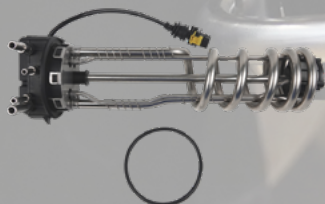
Access our products in each phase of the process by clicking on the image





# ADBLUE TANK GAUGE

Exhaust gas  
aftertreatment  
systems



ref. 20700003



ref. 2262875



ref. 2262880

See on the website





# SOLENOID VALVES

Exhaust gas  
aftertreatment  
systems



ref. 2880257



ref. 2880258



ref. 2880266

See on the website





# UREA SUPPLY MODULE

Exhaust gas  
aftertreatment  
systems



ref. 2265008



ref. 2265011



ref. 2265023

See on the website





# UREA DOSING MODULE

Exhaust gas  
aftertreatment  
systems



ref. 2265026



ref. 20700017



ref. 2842001

See on the website





# AMMONIA SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 2262129

See on the website





# ADBLUE/DEF PRESSURE SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 2260939

See on the website





# EXHAUST GAS PRESSURE SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 2260955



ref. 2260988



ref. 2260976

See on the website





# TEMPERATURE SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 2260942

See on the website





# EXHAUST GAS TEMPERATURE SENSOR

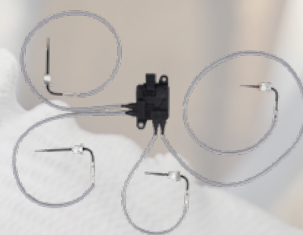
Exhaust gas  
aftertreatment  
systems



ref. 2260399



ref. 2260881



ref. 2262667

See on the website





# NOx SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 20800001



ref. 20800004



ref. 2269031

See on the website





# LAMBDA SENSOR

Exhaust gas  
aftertreatment  
systems



ref. 2260893

See on the website





# JALTEST TOOLS SPECIAL TOOL

jalt  
BYCO



See on the website





## ADBLUE/DEF MODULE CLEANING KIT

COJALI REF.: **50105190**  
OEM: **50105190**

website 



### It applies to:

- NoNOX system (MAN TGL, TGM, TGS, TGX and Euro 6 buses with AdBlue/DEF Emitec system).
- Emitec AdBlue/DEF system in vehicles with Cummins engine.
- Albonair AdBlue/DEF system (VOLVO, RENAULT UD Trucks and other Euro 6 vehicles).
- Bosch Denoxtronic 2.2 and Denoxtronic 6-HD AdBlue/DEF system (DAF, IVECO, MAN, other Euro 6 vehicles, agricultural equipment, OHW equipment, etc).
- Cummins Ecofit UL2 AdBlue/DEF system (DAF, MERCEDES-BENZ, SCANIA, other Euro 6 vehicles, agricultural equipment, OHW equipment, etc.).
- Bosch Denoxtronic 2.1 AdBlue/DEF system (IVECO, RENAULT, VOLVO, other Euro 4/5 vehicles, agricultural equipment, OHW equipment, etc.).







## TECHNICAL DOCUMENT EXHAUST GAS AFTERTREATMENT SYSTEMS

**jaltest**  
DIAGNOSTICS



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FOR YOUR  
QUESTIONS  
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PART 2**

**TECHNICAL  
DOCUMENT  
FEATURED**

- Aftertreatment failures:
  - Exhaust Gas Recirculation (EGR).
  - Diesel Oxidation Catalyst (DOC).
  - Diesel Particulate Filter (DPF).
  - Selective Catalytic Reduction systems (SCR).
- Stages of problems in the aftertreatment system.
- DPF regenerations: passive, active and forced.
- DPF reset.
- DPF Replacement.
- Maintenance of the aftertreatment system.
- Recurring problems in the aftertreatment system.
- Diagnostic tool and aftertreatment system.







INNOVATION & TECHNOLOGY

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