

NEW!

EPS 205



Testing diesel components -
fast and precisely: EPS 205



BOSCH

Invented for life

Fast and effective working – **EPS 205**

NEW! The compact tester for conventional and common-rail components EPS 205.



The most important new product features are:

- ▶ Piezo test (CRI) – Bosch, Denso, Siemens
- ▶ Single clamping and injection chamber for all components
- ▶ Easy handling during injector clamping operation, e.g. due to large protective hood
- ▶ CRIN clamping operation using the existing CRI/CRIN 848H adapter
- ▶ Measuring injectors > 1800 bar (with reduced test step)
- ▶ Accurate measuring technology

In addition to the test value CD "Test Data" supplied, test values for diesel components of Delphi, Denso and Siemens for EPS 815, EPS 708 and EPS 205 are available from data provider Refdat and can be downloaded from www.refdat.net from the workshop. Note: The data provider is responsible for the accuracy of external data. Robert Bosch GmbH does not assume any liability for the test sequence and data.

Testing diesel components safely and easily

- ▶ Piezo CRI (from Bosch and third-party manufacturer)
- ▶ Solenoid valve CRI (Bosch and other third-party manufacturers) and solenoid valve CRIN (Bosch)
- ▶ DHK and UI nozzles (warranty assessment possible)
- ▶ Step holder

More power in a compact format: EPS 205

Efficient common-rail injector test

Flow-based injector test using a piezo CRI test as example:

- ▶ Leak test
- ▶ Injector start behavior (without return flow counter-pressure)
- ▶ ISA tuning
- ▶ Full-load quantity (VL)
- ▶ Pilot injection quantity (VE)
- ▶ Idle quantity (LL)
- ▶ Emission quantity (EM)
- ▶ Actuator resistance

Conventional nozzle test (DHK and UI nozzle)

- ▶ Combination leak test (inner leak test)
- ▶ Seat leak test
- ▶ Electric buzz test
- ▶ Measurement of nozzle opening pressure

Testing of diesel components – **automatically, safely and economically**

EPS 205 – the benefits at a glance:

Environmental and user-friendliness:

Minimal oil mist in the workshop through integrated suction device

Efficient working:

- ▶ Very high economic feasibility through automatic testing, simple menu with graphical and numerical display of measurement results
- ▶ Integrated database for storage of test values and customer data
- ▶ Test values "on board" (CD Test Data) on delivery of the device¹, selection via part numbers
- ▶ Integrated flushing program for clean diesel components in DHK and UI testing

- ▶ Realistic operating state from pressure generation up to 1800 bar via the integrated common-rail high-pressure pump

Efficient operation:

- ▶ Intuitive user interface with touch-screen operation
- ▶ Simple shutdown of the return flow counter-pressure

Functional design:

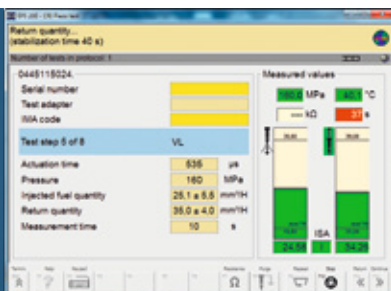
- ▶ Space-saving compact form
- ▶ Windows XP embedded operating system
- ▶ Interface for printer, monitor, CD/DVD drive, keyboard, mouse, network connection

EPS 205 – versions	P/N	Testable components
EPS 205 (200 V)	0 683 803 206	<ul style="list-style-type: none"> ▶ CRI Piezo Bosch ▶ CRI solenoid valve Bosch ▶ CRIN Bosch ▶ UI nozzle ▶ DHK
EPS 205 (400 V)	0 683 803 205	<ul style="list-style-type: none"> ▶ CRI Piezo Bosch ▶ CRI solenoid valve Bosch ▶ CRIN Bosch ▶ UI nozzle ▶ DHK
EPS 205 – retrofit kits	P/N	Testable components
CRI solenoid valve third-party manufacturer	1 687 010 399	Delphi, Denso
CRI piezo third-party manufacturer	1 687 010 400	Siemens, Denso

¹ test values for CRI/CRIN and opening pressures of the UIs and DHKS (possibly at 1st and 2nd nozzle opening pressure) are included in the database. Updates are made via CD Test-Data subscription.

General note:

The device is not approved for repair or warranty assessment of common-rail injectors.



Intuitive user interface with touch-screen operation



Bosch: Your partner for the future of the workshop

For more than 125 years, innovations from Bosch have been keeping vehicles in motion, providing safer and ever more convenient mobility and transportation.

Bosch Automotive Aftermarket offers workshops and trade a worldwide unique combination of:

- ▶ Efficient diagnostics
- ▶ innovative workshop equipment
- ▶ Fast, reliable delivery service
- ▶ the world's largest selection of spare parts - for new and factory-exchange parts
- ▶ Workshop concepts for every need
- ▶ Comprehensive training offer
- ▶ Targeted sales and marketing support
- ▶ Competent hotline
- ▶ Workshop portal available 24/7
- ▶ Inexpensive leasing offers for workshop equipment and software
- ▶ and many other services for your success

Making all of this match requires not only the parts, but also schedule, organization and outcome to be a perfect fit.

Workshop tip:

With the expertise only the OEM can provide, Bosch offers all diesel specialists a holistic range of workshop testing equipment, software, training and know-how. For a safe diesel business today and in the future.

Robert Bosch GmbH

Automotive Aftermarket
Business Unit Automotive Service Solutions

73201 Plochingen
Germany

www.bosch-diagnostics.com



Subject to technical and software changes.

AA-AS/MKC 04.2014

Fuel pumps and tools in premium quality by Bosch

Cutting-edge technology and high reliability: From original equipment to motor sports to the aftermarket parts. Quality made by Bosch.



BOSCH

Invented for life