



BOSCH

Invented for life

Everything for diesel service

Diagnosis tools on vehicle

Repair tools on vehicle

Test equipment for components

Repair tools for components



Everything for diesel service



Diesel service from Bosch: precise and fast
From uncomplicated troubleshooting and the appropriate equipment to the repair of diesel vehicles, systems and components in line with current market values, Bosch provides you with everything from a single source

Diagnosis tools on vehicle	4 – 5
Repair tools on vehicle	6 – 7
Test equipment for components	8 – 9
DCI 700 CR injector test bench	10 – 13
EPS 708 CR test bench	14 – 17
EPS 625 conventional pump test bench	18 – 21
EPS 815* universal test bench	22 – 25
EPS 205 CR injector & nozzle holder tester	26
EPS 118 CR injector tester	27
Accessories EPS 205 and EPS 118	28 – 29
EPS 100 nozzle holder tester	30 – 31
Repair tools for components	32 – 33

For today and tomorrow

Expert know-how and comprehensive experience in diesel technology and workshop service equipment
Since the production of the first diesel truck in 1924 and the first diesel car in 1936, Bosch has been the world's leading supplier of diesel technology. Close cooperation with engine designers and continuous innovations in development and production have resulted in modern high-pressure systems in recent years. In parallel, innovative test equipment, including the corresponding ESI[tronic] software, was developed with the expertise from original equipment manufacturers. They make it possible to diagnose the diesel systems on the vehicle and subsequently replace defective components in a targeted manner. Bosch is thus paving the way for all garages to master modern diesel systems and realize new sales potential.

Efficient and flexible component testing and repair

The various Bosch retrofit kits ensure flexible component testing and repair according to manufacturer specifications. This ensures that:

- ▶ The legal emission regulations are complied with
- ▶ Accurate and reproducible measured values are determined
- ▶ A warranty assessment according to the manufacturer's specifications is possible



Diesel service from A–Z



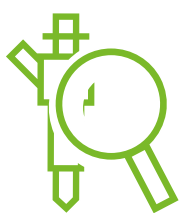
Diagnosis tools on vehicle

Perfect all-round equipment: Bosch always has the optimal selection of tools for simple and fast diagnostics of diesel vehicle components.



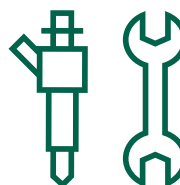
Repair tools on vehicle

next to competent service, Bosch provides you with high-quality tools for more efficient component repair



Test equipment for components

Intuitive, precise and efficient: With Bosch as your partner, you always have access to the latest and easy-to-learn test technology for the professional inspection of dismantled diesel components.



Repair tools for components

next to competent service, Bosch provides you with high-quality tools for more efficient component repair

The Configurator:
Diesel component testing
and repair




<https://bit.ly/2ueGwxt>





Configure your test bench according to
your requirements and experience
more about our wide range of services

Diagnosis tools on vehicle



Perfect all-round equipment: Bosch always has the optimal selection of tools for simple and fast diagnostics of diesel vehicle components.

	Designation	Description	Order number
	Diesel Set 1	For testing the low-pressure circuits on different diesel injection systems on all passenger cars and commercial vehicles.	0 986 613 100
	Pressure gauge	Special gel-damped pressure gauge for measuring supply pump pressure during operation on vehicle, recommended for UI systems	1 687 231 906
	Diesel Set 2	Used for venting CR systems with gear wheel feed pump or solenoid valve controlled distributor pump (VP44)	0 986 610 234
	Diesel Set 3 and Diesel Set 3.1 extension kit	Upgrading existing Diesel Set 3 and Diesel Set 3.1 (from FD 109) for checking the RDS function (operation range) during engine running.	0 986 613 925
	Upgrade kit from Diesel Set 3 to Diesel Set 3.1	Upgrading existing Diesel Set 3 for testing CP4.1 and CP4.2 Common Rail high-pressure pumps.	0 986 614 310
	Quantity measuring device (Backflow meter)	Upgrading existing Diesel Set 3 for testing CP4.1 and CP4.2 Common Rail high-pressure pumps.	0 986 612 950
	Sealing parts set	Closure part-set: For return lines pipes made of hard plastic to close these pipes (1 set = 6 pcs) for back flow measuring device 0 986 612 950	0 986 612 900
	Adapter, Bosch injectors CRI2-18, -20, angled type	Hydraulic backflow connector to Bosch Injectors CRI2-18, -20 (1 set = 6 x adapter & 6 x closure caps)	0 986 613 696
	Adapter, Delphi injectors	Hydraulic backflow connector to Delphi injectors for testing the backflow quantity with 0 986 612 950. (1 set = 6 pcs)	0 986 613 902
	Adapter, Siemens injectors	Hydraulic backflow connector on Siemens/ VDO/Continental injectors for testing the backflow quantity with 0 986 612 950 (1 set = 6 pcs)	0 986 613 906
	Adapter, Bosch piezo-injectors	Hydraulic backflow connector with pressure holding valve on Bosch Piezo injector (CRI3-x) for testing the backflow quantity with 0 986 612 950. (1 set = 6 pcs)	0 986 613 922
	Adapter, Denso injectors	Hydraulic backflow connector to Denso injectors for testing the backflow quantity with 0 986 612 950. (1 set = 6 pcs)	0 986 613 923
	Adapter, Bosch injectors CRI2-18, -20, straight type	Hydraulic backflow connector to Bosch Injectors CRI2-18, -20 for testing the backflow quantity with 0 986 612 950 (1 set = 6 x adapter & 6 x closure caps)	0 986 613 926
	Adapter, Delphi injectors 45°	Connecting adapter for Delphi injector to the back flow measuring device (single connecting adapter line: 1 x adapter & 1 x closure cap) If you need 4, then order 4 numbers	0 986 610 976
	Adapter, Delphi injectors 90°	Connecting adapter for Delphi injector to the back flow measuring device (single connecting adapter line: 1 x adapter & 1 x closure cap) If you need 4, then order 4 numbers	0 986 610 979

	Designation	Description	Order number
	Adapter, VDO injectors	Hydraulic back flow connector to VDO injectors.(hole type backflow connector) for testing the back flow quantity with 0 986 612 950 (single: 1 x adapter & 1 x closure cap)	0 986 610 908
	System test adapter (breakout box, 88 pins)	System test adapter is used to check signals between ECUs of engine management and cable harness (max. 88 pins) on the engine/ vehicle.	0 986 610 201
	System test adapter (breakout box, 176 pins)	System test adapter is used to check signals between ECUs of engine management (max. 176 pins) and cable harness on the engine/vehicle.	0 986 610 250
	Test device	Checking of triggering signals for solenoid valve injectors (passenger cars only), dummy load used instead of an working injector.	0 986 612 745
	Test device	Checking of triggering signals for solenoid valve injectors (passenger cars/commercial vehicles), dummy load used instead of an working injector.	0 986 612 793
	Test device	Checking triggering signals for Piezo valve injectors (passenger cars only), dummy load used instead of a working injector.	0 986 610 099
	Test cable	Test cable with voltage stabilizer chip for testing the HFM5 (hot film air mass meter) in both the installed and removed condition.	0 986 610 129
	Adapter lead	Adapter lead for electrical checking of HFM 6 (hot film air mass meter, 4-pole) on vehicle.	0 986 610 067
	Adapter lead	Adapter lead for electrical checking of HFM 6 (hot film air mass meter, 4-pin) on vehicle.	0 986 610 195
	Adapter lead	Adapter lead for electrical checking of HFM 6 (hot film air mass meter, 5-pin) on vehicle.	0 986 610 196
	Adapter lead	Adapter lead for electrical checking of HFM 6 (hot film air mass meter, 5-pin) on vehicle.	0 986 610 441
	Adapter lead	Adapter lead for electrical checking of HFM 6 (hot film air mass meter, 5-pin) on vehicle.	0 986 610 651
	Adapter lead	Adapter lead for electrical test of HFM 7 (hot film air mass meter, 4-pin) on vehicle. Used for: BMW Group, PSA Group	1 684 463 835
	Adapter lead	Adapter lead for electrical test of HFM 7 (hot film air mass meter, 8-pin) on vehicle. Used for: GM Group	1 684 463 836
	Test adapter	Test adapter for VP29, -30 and VR44 distributor injection pumps with PSG5 pump control unit to check all signals (voltage supply, CAN L and CAN H and engine camshaft signal) from EDC Control unit to PSG.	0 986 612 447
	Setting device (KDEP 1880)	Measuring device, length 48 mm with an M10x1 internal thread for mounting the injection pump at the engine. To measure the prestroke or K1 measuring point of distributor pump (VE.F, VE.E).	0 986 612 480
	Denoxtronic 1	Diagnostic tools for test of DNOX 1.1 supply module and dosing module on vehicle.	0 986 610 800
	Denoxtronic 2	The Denoxtronic Set 2 is designed for work on the exhaust-gas treatment system DNOX2. It is used to evaluate the hydraulic system leaks as well as to test the metering and supply volumes in the Denoxtronic diagnostics.	0 986 610 450
	Dosing module	For testing DNOX 2.2	0 986 610 522
	Denoxtronic PC/LD	The Denoxtronic Set PC/LD is designed for work on the exhaust-gas treatment system DNOX3.1 on passenger cars (PC) and light duty commercial vehicles (LD). It is used to evaluate the hydraulic system leaks as well as to test the metering and supply volumes in the Denoxtronic diagnostics.	0 986 610 500

Repair tools on vehicle



Next to competent service, Bosch provides you with high-quality tools for more efficient component repair.

Designation	Description	Order number
Sealing pin set dia. 7.2 mm	Sealing pin diameter 7,2 mm for sealing injector seat when cleaning (6x pin and 1x rod)	0 986 612 917
Sealing pin set dia. 9.2 mm	Sealing pin diameter 9.2 mm for sealing injector seat when cleaning (6x pin and 1x rod)	0 986 612 909
Suction device	Suction device for cleaning surfaces that are difficult to access, especially for removing dirt, chips and liquid.	0 986 613 111
Cleaning set	Cleaning kit to clean the area of nozzle support surface on Common Rail injectors (CRI/ CRIN), unit injectors (UI) and nozzle holder assemblies. In addition, this nozzle holes must be closed during cleaning with the sealing pin sets (0 986 612 909 or 0 986 612 917).	0 986 612 729
Diesel Set 2	Ventilation unit for fuel systems with radial-piston distributor pumps and Common Rail pumps with geared supply pumps	0 986 610 234
Puller	Pull extractor to remove Common Rail injectors with:#0 986 612 885, or #0 986 612 782, or #0 986 612 728, or#0 986 612 872	0 986 612 727
Turning device	For CRI with side high-pressure connection: The injector is twisted slightly and can be loosened more easily.	0 986 611 481
Extractor	For Iveco Tector and MAN D2876, D2066, D0836 with Common Rail injection system.	0 986 612 604
Extractor	Common Rail injector extractor, irrespective of type, in combination with:#0 986 611 499 or #0 986 612 727.	0 986 612 782
Extractor claw	Universal extractor claw for dismounting Common Rail injectors in Mercedes- Benz and PSA passenger cars in combination with: #0 986 611 499 or #0 986 612 727	0 986 612 872
Adapter	Adapter for removing Bosch CR Piezo injectors and unit pumps from the engine in combination with:#0 986 611 499 or #0 986 612 727.	0 986 612 885
Puller	Pull extractor to remove Common Rail injectors with:#0 986 612 885, or #0 986 612 782, or #0 986 612 728, or#0 986 612 872	0 986 611 499
Extractor	Removal tool for removing the Common Rail injectors from Iveco Turbo Daily.	0 986 612 374
Support wench	Locating wench for drive gear to Common Rail high-pressure pump CP2	0 986 612 857
Puller	Extractor for drive end shield cover for Common Rail high-oressure pump CP2	0 986 612 859
Extractor	Extractor to pull out unit injectors (UI-P1) on VW 1.9l UIS diesel engines.	0 986 612 750

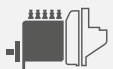
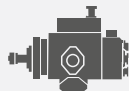







Designation	Description	Order number
O-Ring mounting sleeve set	Easy assembly of pressure control valve O-ring without damaging the filter element	0 986 612 787
O-Ring mounting sleeve set	For mounting the O-rings on Common Rail injectors (CRIN) for MAN, Ford Otosan	0 986 612 930
O-Ring mounting sleeve set	Ring spanner for s Assembly sleeves for installing the O-ring in unit injectors (cars) of the 1. generation lacking the fuel injection leads.	0 986 613 824
O-Ring mounting sleeve set	Mounting sleeve for upper O-ring for unit pump 0 414 750 xxx and 0 414 799 xxx	0 986 612 359
O-Ring mounting sleeve set	Mounting sleeve for lower O-ring for unit pump 0 414 750 xxx and 0 414 799 xxx	0 986 612 362
O-Ring mounting sleeve set	Mounting sleeve for O-ring on unit pump#0 414 755 ...	0 986 612 364
O-Ring mounting sleeve set	Mounting sleeve set for mounting O-rings on unit injectors on VW diesel engines (Cars)	0 986 611 490
O-Ring mounting sleeve set	Mandrel for fitting the O-rings at return of Common Rail injectors (piezo) without damage.	0 986 614 030
Measuring device	FB measuring device VP44; Measuring device, Measuring range 30 mm, Pitch 1/100 mm, Thread for inserts: M3	1 687 233 012
Measuring device	Measuring device for start of injection on VP44 (BMW and MAN) Not included in #0 986 614 130, but included in VPM 844 1 687 001 844, VPM 844 1 687 002 844	1 688 130 237
Measuring device	Measuring device (DPH11, VP29/-30), Also included in scope of delivery of VPM 844 1 687 001 844, VPM 844 1 687 002 844	1 688 130 239
Setting device (KDEP 1880)	Measuring device, length 48 mm with an M10x1 internal thread for mounting the injection pump at the engine. To measure the prestroke or K1 measuring point of distributor pump (VE.F, VE.E).	0 986 612 480
Locating pin	Locking / setting pin) for start of delivery blocking on the drive flange of in-line fuel injection pumps, PE(S)...P..., PE(S)...H... EDC and mechanical governor for Scania as from 01.95	0 986 612 697
Bosch Workbench	Workbench designed especially for maintenance/repair of diesel products	0 986 613 300

Test Equipment for components



Intuitive, precise and efficient: With Bosch as your partner, you always have access to the latest and easy-to-learn test technology for the professional inspection of dismantled diesel components.



		DCI 700 Injector test bench	EPS 708 CR test bench	EPS 625 conventional pump test bench
Inline pump		—	—	●
Conventtional distributor pump		—	—	●
Distributor pump VP 29/30/44		—	—	—
Common rail pump		—	●	—
Common rail injector		●	●	—
Pump line injection nozzle (PLD) / Unit Pump (UP)		—	—	—
Pump injection nozzle unit (PDE) / Unit Injector (UI)		—	—	—
Nozzle holder (conventional and UP)		—	—	—
Nozzle holder with adapter (UI)		—	—	—



EPS 205 CR injector & nozzle holder tester	EPS 118 CR injector tester	EPS 100 nozzle holder tester	EPS 815 universal test bench
—	—	—	●
—	—	—	●
—	—	—	●
—	—	—	●
●	●	—	●
—	—	—	●
—	—	—	●
●	—	●	—
●	—	●	—

CR injector test bench: DCI 700



NEW!



DCI 700	400 V, 50 / 60 Hz	0 683 725 001
DCI 700	200 V, 50 / 60 Hz	0 683 725 002

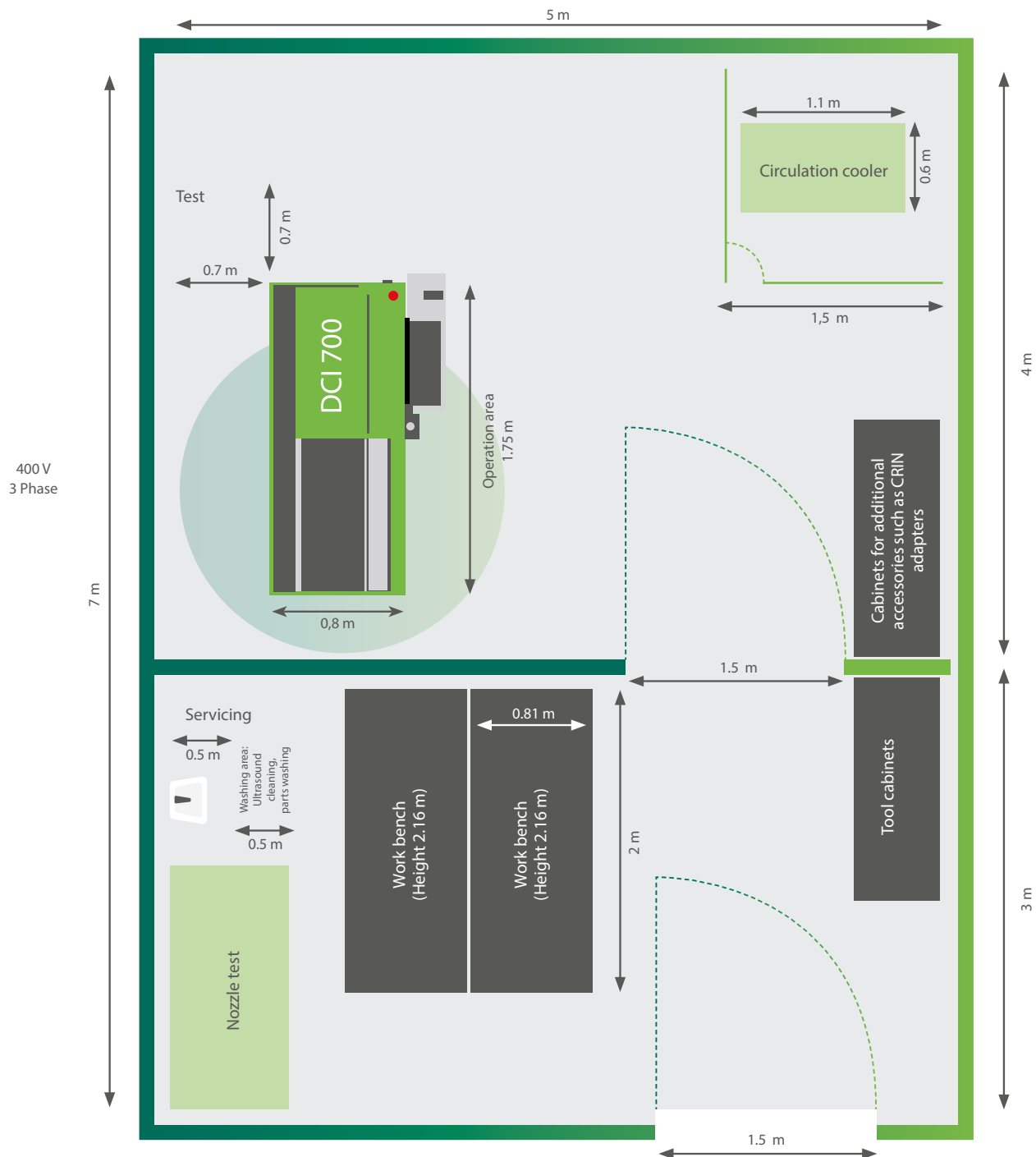
Precision and speed that inspires

The latest exhaust emission standards and future directives increase the significance of testing common rail injectors in modern diesel engines. Therefore, the more precise the measurement is, the more accurately the injector can be adapted to perform at its maximum efficiency. Our solution: the new DCI 700 diesel test bench from Bosch effectively secures a competitive advantage for your workshop today and for years to come. With its new high-speed precise measurement system, the DCI 700 has reduced setup and test times as well as user-friendly operation.

Features

- ▶ Savings in time and higher throughput as four standard injectors are clamped and unclamped in a mere five minutes, with an average test duration of only 15 minutes
- ▶ Fit for the future with the possibility to test diesel injectors for passenger cars and commercial vehicles – from Bosch and other manufacturers
- ▶ Capable of testing new VCC and NCC technologies to the manufacturers' specifications
- ▶ Higher quality, reliability and transparency thanks to fast and precise testing, including IMA/NIMA coding
- ▶ Maximum effectiveness through ergonomic processes and intuitive operating concept
- ▶ Software updates and test plans available for easy and convenient downloading
- ▶ Low maintenance costs as vulnerable high-pressure hoses are no longer required

Space and work area requirements: DCI 700



The ideal work bench for diesel service (0 986 613 300)

The workplace for servicing diesel pumps and components must meet the highest requirements with regard to cleanliness, clarity and functionality, as even the smallest dirt particles can lead to malfunctions in the diesel systems.

The area should be equipped as follows:

- ▶ Floor of sealed concrete with damping at the test bench bases
- ▶ Sufficient ventilation through an exhaust air system for carrying away vapors
- ▶ Noise insulation is recommended
- ▶ A water connection with supply and drain line or circulation cooler

Accessories: DCI 700

NEW!



CRI Bosch
for testing Bosch CR injectors
📦 in scope of delivery

CRIN Bosch
for testing Bosch CR commercial vehicle injectors
📦 1 687 010 607

CRIN Bosch 4.2x
for testing Bosch CR 4.2x commercial vehicle injectors
📦 1 687 010 608
coming soon

CRI Bosch 3rd party
for testing CR injectors of other manufacturers
📦 1 687 010 609
coming soon



Basic test bench DCI 700



CR test bench: EPS 708



EPS 708	400 V; $\pm 10\%$; 50/60 Hz with cooling system	0 683 708 020
EPS 708	200/220/230/240 V; $\pm 10\%$; 50/60 Hz with cooling system	0 683 708 021
EPS 708	400 V; $\pm 10\%$; 50/60 Hz without cooling system	0 683 708 001
EPS 708	200/220/230/240 V; $\pm 10\%$; 50/60 Hz without cooling system	0 683 708 002

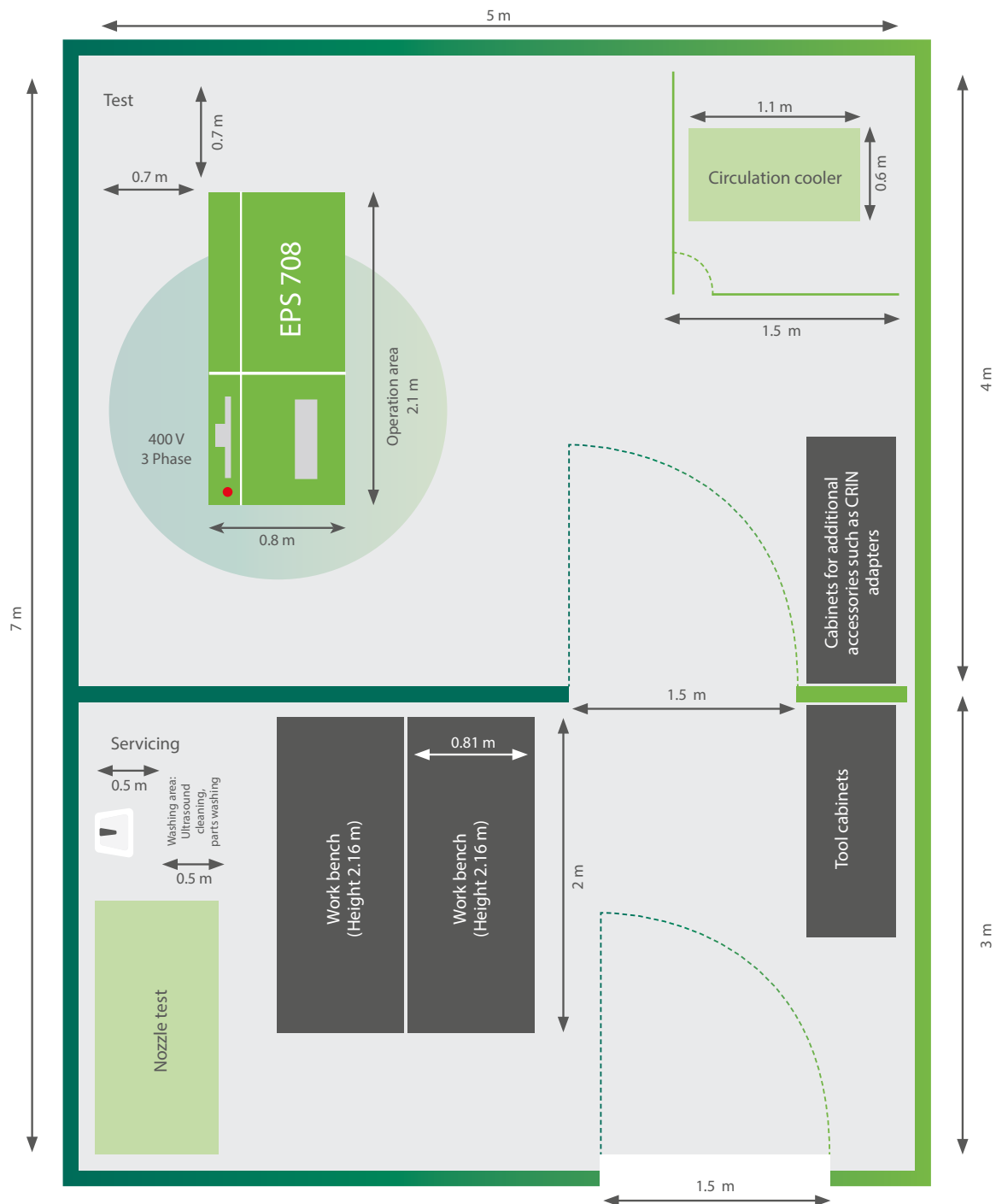
Forward-looking and efficient

The injection pressures on which modern Common Rail diesel engines run have risen constantly over the last few years. 2,000 bar is already normal nowadays – with a rising tendency. The diesel test bench EPS 708 from Bosch specially for Common Rail injection pumps and injectors therefore enables testing with up to 2,200 bar.

Features

- ▶ Electronic quantity measurement for cost-effective testing of Common Rail components
- ▶ Electronic supply pressure control for pump and lube oil supply
- ▶ Simple pump assembly without clutch cover
- ▶ Integrated cooling system reduces water consumption in the workshop (water-cooling available as an option)
- ▶ Electronic monitoring and display of service intervals (e.g. test oil change)
- ▶ Self-diagnosis system indicates necessary filter change

Space and work area requirements: EPS 708



The ideal work bench for diesel service (0 986 613 300)

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The area should be equipped as follows:

- ▶ Floor of sealed concrete with damping at the test bench bases
- ▶ Sufficient ventilation through an exhaust air system for carrying away vapors
- ▶ Noise insulation is recommended
- ▶ A water connection with supply and drain line or circulation cooler

Accessories: EPS 708



CP1 / CP3 kit, for testing
CP1/CP3 pumps
📄 1 687 010 346



CP4 kit, for testing
CP4 pumps
📄 1 687 010 390



CB18 kit, for testing
CB18 pumps
📄 1 687 010 402



CP kit¹, for testing CR
pumps and injectors of
other manufacturers
📄 1 687 010 183




VDO kit⁴, for testing CR
pumps (Continental)
📄 1 687 010 193




Basic test bench EPS 708






CRIN kit, for testing commercial vehicle injectors of 1st and 2nd generation with CRI 846H
 1 687 001 925




CRI 3rd party kit³, for testing Delphi and Denso CR injectors
 1 687 010 186




CRI Piezo kit², for testing CR Piezo injectors (Bosch/Denso/Siemens/Continental)
 1 687 010 333



CRI basic kit, CRI 846H for CR injectors
 1 687 002 846

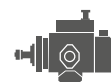
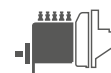


CRI/CRIN 848H for CR injectors
 1 687 002 848



*1 CP of Delphi/Denso/Siemens/Continental
 *2 CRI Piezo of Bosch/Denso/Siemens/Continental
 *3 CRI of Delphi/Denso
 *4 Workshops with Continental service contract

Conventional pump test bench: EPS 625



EPS 625 HMI-Version

EPS 625	415 V	📄 F 002 DG0 921
EPS 625	220 V	📄 F 002 DG0 922

EPS 625 PC-Version

EPS 625	415 V	📄 F 002 DG0 923
EPS 625	220 V	📄 F 002 DG0 924

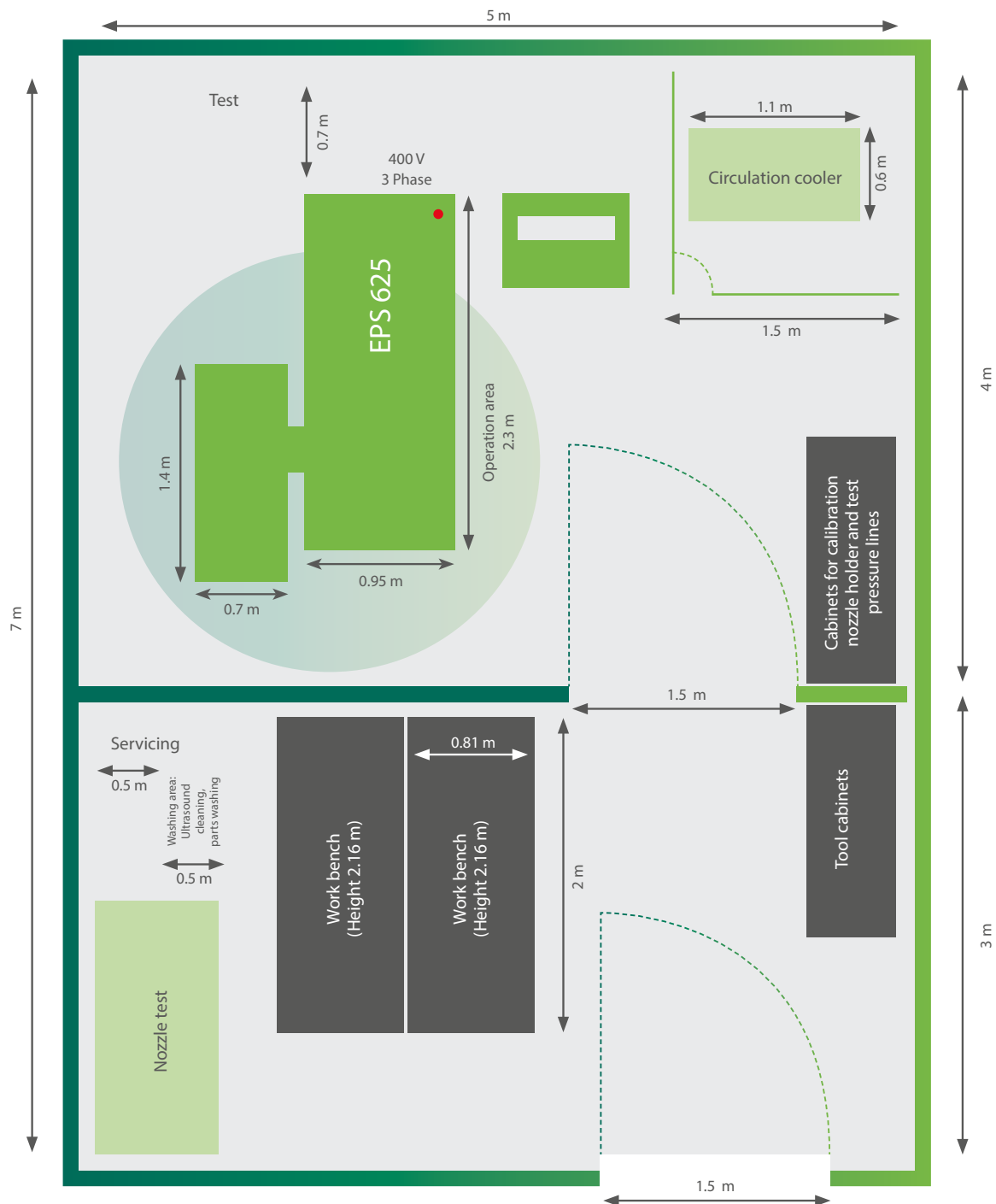
Your ticket to diesel testing technology

By using the EPS 625 universal component test bench, powerful conventional inline and distribution injection pumps, both from Bosch as well as other manufacturers, can be tested. As a result, the specifications from the engine and vehicle manufacturers can be maintained. Thanks to its robust and easy-to-use technology, the EPS 625 is a cost effective and long-lasting investment for the workshop.

Features

- ▶ Maintenance-free drive element with high efficiency
- ▶ Long service life for the high pressure lines, since the measuring unit can be adjusted in three dimensions
- ▶ Excellent smooth running characteristics and rotational speed stability ensure high repeatability
- ▶ High flywheel mass
- ▶ Rotational speed control with an extremely short governing time
- ▶ Integrated load pressure control unit
- ▶ Automatic test oil heating controlled via the supply or return
- ▶ Easy operation via a high definition 5.7 inch LCD display for showing the setpoint / actual values of the drive rpm, the set and actual stroke values, the test oil tank temperature, and the supply and return temperatures

Space and work area requirements: EPS 625



The ideal work bench for diesel service (0 986 613 300)

The workplace for servicing diesel pumps and components must meet the highest requirements with regard to cleanliness, clarity and functionality, as even the smallest dirt particles can lead to malfunctions in the diesel systems.

The area should be equipped as follows:

- ▶ Floor of sealed concrete with damping at the test bench bases
- ▶ Sufficient ventilation through an exhaust air system for carrying away vapors
- ▶ Noise insulation is recommended
- ▶ A water connection with supply and drain line or circulation cooler

Accessories: EPS 625



A pump set, for
testing and adjusting
Bosch A pumps
1 687 005 019



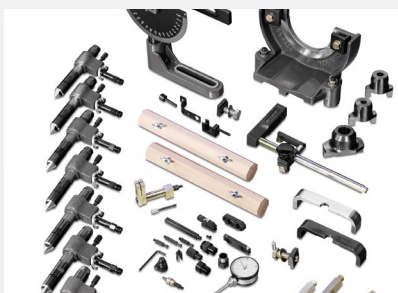
M-MW pump set, for
testing and adjusting
Bosch M-MW pumps
1 687 005 020



P pump set, for
testing and adjusting
Bosch P pumps
1 687 005 021



H-/R pump set, for
testing and adjusting EDC
Bosch inline pumps
1 687 005 023



Basic set, for H-/R-/A-/M-MW-/
P-/VE pumps
1 687 005 018

Basic test bench EPS 625



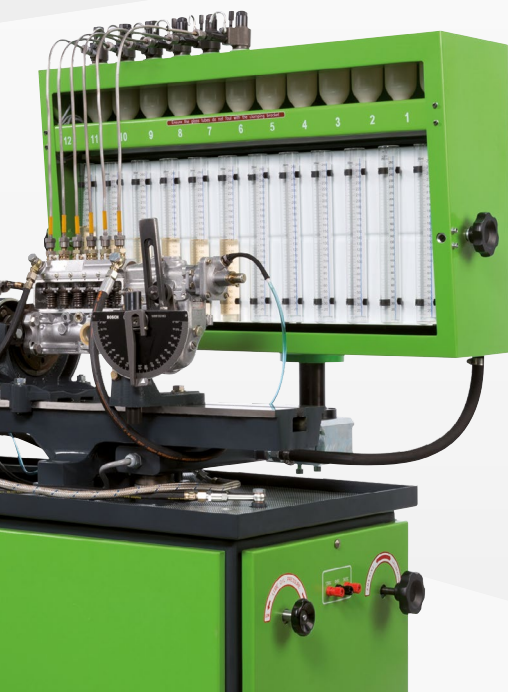


VE pump set,
for testing and adjusting
Bosch VE pumps
📄 1 687 005 022

DEVICES NO
LONGER
AVAILABLE
ACCESSORIES ARE
CONTINUED



For controlling and testing EDC
distributor pumps VE.E (VP26,
VP36, VP37) these two devices
are required



universal test bench: EPS 815



Universal component test bench

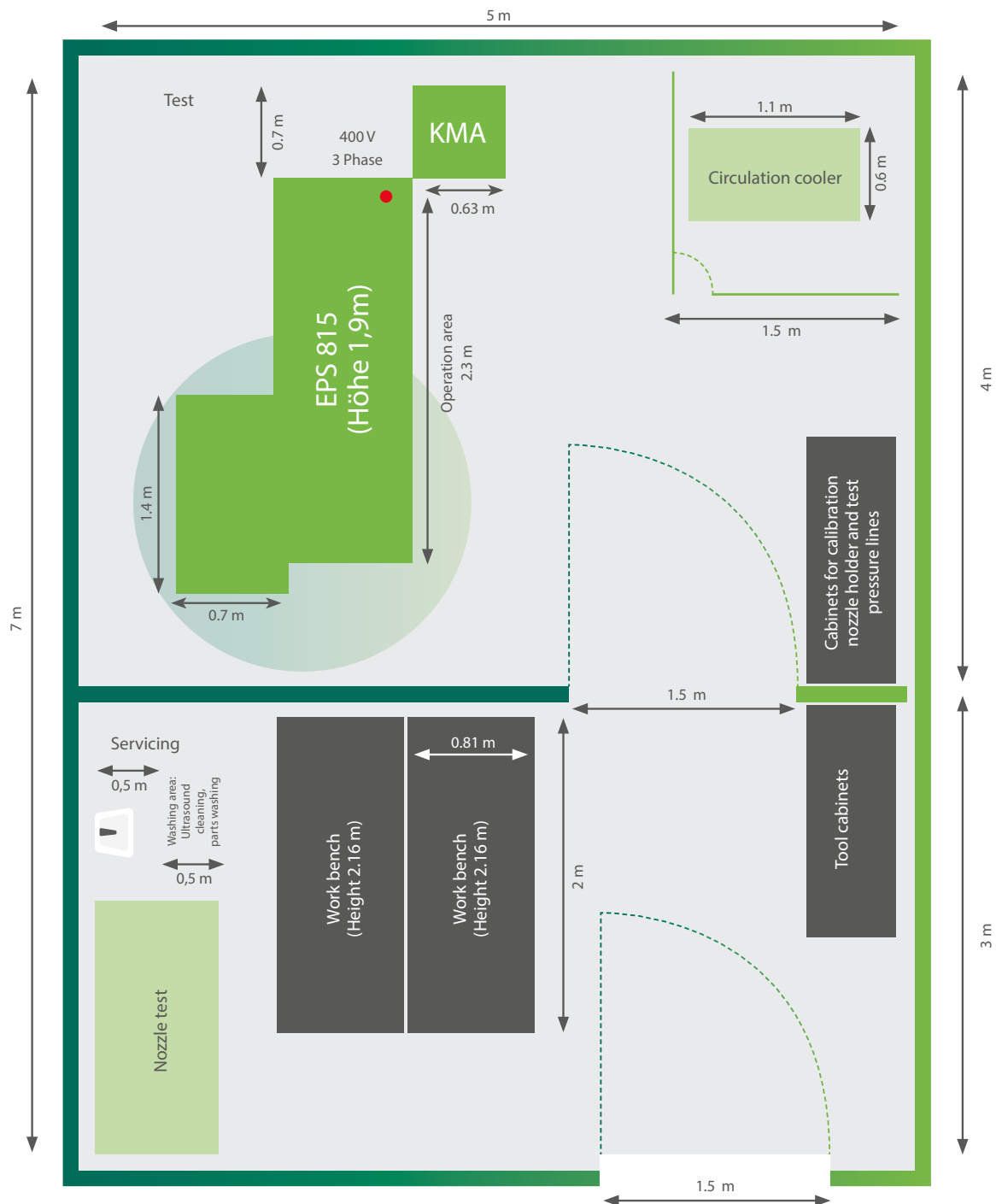
Comprehensively equipped today and tomorrow for testing diesel components with EPS 815

Features

- ▶ ISO compliant when specified
- ▶ Efficient components of the latest generation both from Bosch and from other manufacturers can be tested
- ▶ Expansion possible with different retrofit kits and special accessories sets continuous development of optional accessory kits for new products
- ▶ Three-dimensional adjustment of the measuring unit reduces testline reforming (rebending) which lowers maintenance costs and set up time
- ▶ A maintenance-free high efficiency drive element
- ▶ A counterbalanced measuring unit makes height adjustments easier and less time-consuming
- ▶ Fully automatic test sequence ¹ in conjunction with KMA 802 / 822

¹ Applies to Bosch VP and CR components.

Space and work area requirements: EPS 815



The ideal work bench for diesel service (0 986 613 300)

The workplace for servicing diesel pumps and components must meet the highest requirements with regard to cleanliness, clarity and functionality, as even the smallest dirt particles can lead to malfunctions in the diesel systems.

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- ▶ Floor of sealed concrete with damping at the test bench bases
- ▶ Sufficient ventilation through an exhaust air system for carrying away vapors
- ▶ Noise insulation is recommended
- ▶ A water connection with supply and drain line or circulation cooler

Accessories: EPS 815



CP1 / CP1H kit, for
testing CRH pumps of
1st generation
1 687 010 341



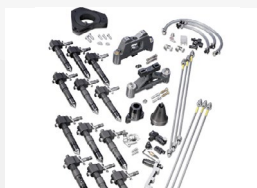
CP2 / CPN2 kit, for
testing commercial
vehicle CR pumps
1 687 010 342



CP3 kit, for testing
CP3 pumps
1 687 010 182



A pump set, for
testing and adjusting
Bosch A pumps
1 687 005 019



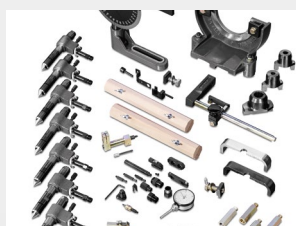
M-MW pump set, for
testing and adjusting
Bosch M-MW pumps
1 687 005 020



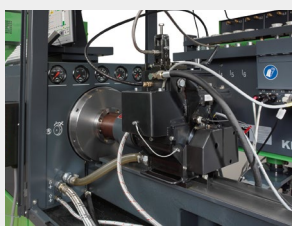
P pump set, for
testing and adjusting
Bosch P pumps
1 687 005 021



H-/R pump set, for
testing and adjusting EDC
Bosch inline pumps
1 687 005 023



Basic set
for H-/R-/A-/M-MW-/
P-/VE pumps
1 687 005 018



CAM 847, UI / UP all-in
package, for testing Bosch
UI and UP systems
1 687 001 847



Common Rail System Basic set,
CRS 845H for CR
components (CP / CRI)
1 687 002 845

Basic test bench EPS 815
(in conjunction with KMA 802)





CP4 kit, for testing
CP4 pumps

1 687 010 490



CB18 kit, for testing
CB18 pumps

1 687 010 402



CB28-Satz for testing
CB28-Pumpen

1 687 010 496



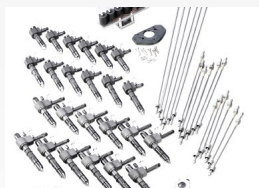
CP kit¹, for testing
CR pumps of other
manufacturers

1 687 010 183



VDO kit⁴, for testing
CR pumps (Continental)

1 687 010 193



VE pump set,
for testing and adjusting
Bosch VE pumps

1 687 005 022



CRIN kit, for testing
commercial vehicle injectors
of 1st and 2nd generation

1 687 001 925



CRI 3rd party kit³, for
testing Delphi and Denso
CR injectors

1 687 010 186



CRI Piezo kit², for testing
CR Piezo injectors (Bosch/
Denso/Siemens/Continental)

1 687 010 333



CRI 846 H, CRI1 &
Basic set for CR injectors

1 687 002 846



CRI/CRIN 848 H, CRI/CRIN
& Basic set for CR injectors

1 687 002 848

TEST BENCH
EPS 815 NO
LONGER AVAILABLE
ACCESSORIES ARE
CONTINUED

*1 CP of Delphi/Denso/Siemens/Continental

*2 CRI Piezo of Bosch/Denso/Siemens/Continental

*3 CRI of Delphi/Denso

*4 Workshops with Continental service contract

CR injector & nozzle holder tester: EPS 205



EPS 205 200 V 0 683 803 206
EPS 205 400 V 0 683 803 205

Fast, precise, automatic
Common-rail injectors and nozzle holder combinations can
be tested safely and easily with the EPS 205.

Features

- ▶ 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
- ▶ Intuitive user interface with touch-screen operation
- ▶ Simple shutdown of the return flow counter pressure
- ▶ Space-saving compact form
- ▶ Windows XP embedded operating system
- ▶ Interface for printer, monitor, CD/DVD drive, keyboard, mouse, network connection

^{*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.

CR injector tester: EPS 118



EPS 118 ☎ 0 683 803 119

EPS 118 ☎ 0 683 803 118

The unique check and change tester

In the field of diesel injection equipment, common rail systems are steadily gaining in popularity. The new EPS 118 now allows smaller workshops to test all injector models efficiently and with ease.

Features

- ▶ Precise and fully automatic injector testing
- ▶ Simple and fast set-up
- ▶ Intuitive operator interface (touchscreen)
- ▶ Supports a wide range of injectors from many manufacturers
- ▶ Report printout
- ▶ Database with test values
- ▶ Additional injector-specific information
- ▶ Display of spray pattern at all pressures
- ▶ Clear presentation of test results for workshop and customer
- ▶ Space-saving bench top unit (60 x 60 cm)
- ▶ Several types of result presentation

Accessories:

EPS 205 & EPS 118

EPS 205		
Designation	Description	Order number
Adapter A1i	CRIN Bosch for Cummins, VW, Ford, DCEC, Dongfeng, Kamaz	1 685 720 297
Adapter A2i	CRIN Bosch for Valtra Tractors, SISU Motors	1 685 720 314
Adapter A3i	CRIN Bosch for Iveco, MAN, New Holland, Cummins, Dodge, CDC, Dongfeng, KamAZ, KaVZ, VW, Ford	1 685 720 296
Adapter A4i	CRIN Bosch for Renault, Dongfeng, MAZ, LiaZ, MZKT, Tonar, Ural, YamZ	1 685 720 316
Adapter A5i	CRIN Bosch for MAN, Liebherr	1 685 720 300
Adapter A6i	CRIN Bosch for MAN	1 685 720 318
Adapter A7i	CRIN Bosch for Ford, Otosan, Türkiye	1 685 720 320
Adapter A8i	CRIN Bosch for Renault, Fent, Deutz, FAW, Volvo, Weichai, Yuchai, Foton	1 685 720 332
Adapter A9i	CRIN Bosch for Deutz, MAZ, YamZ	1 685 720 324
Adapter A10i	CRIN Bosch for FAW	1 685 720 326
Adapter A11i	CRIN Bosch for DCD, Dongfeng	1 685 720 328
Adapter A12i	CRIN Bosch for MAZ, YamZ, Ashok Leyland	1 685 720 330
Adapter A14i	CRIN Bosch for MAN, International Harvester, Shanqi, Foton, CNHTC, Weichai, Liebherr, MTU	1 685 720 334
Adapter A15i	CRIN Bosch for Shanqi, Foton, CNHTC, Weichai	1 685 720 336
Adapter A16i	CRIN Bosch for DHIM, Yuchai, Doosan	1 685 720 338
Adapter A1e	CRIN Bosch for Deutz	1 685 720 340
Adapter A2e	CRIN Bosch for Cummins	1 685 720 342
Adapter A3e	CRIN Bosch for Iveco, New Holland	1 685 720 344
Adapter A4e	CRIN Bosch for Mitsubishi Fuso	1 685 720 346
Adapter A6e	CRIN Bosch for Cummins (Adapter A6e)	1 685 720 358
Adapter A7e	CRIN Bosch for Iveco, CASE, New Holland	1 685 720 360
Adapter A8e	CRIN Bosch for MTU	1 685 720 362
Adapter A10e	CRIN Bosch for Yuchai	1 685 720 366
3rd party CR injectors		Order number
Passenger car CRI solenoid valve Denso and Delphi		1 687 010 399
Passenger car CRI Piezo Denso and Siemens		1 687 010 400
CRI 3rd party injectors update Kit for EPS 205		1 687 205 016
Unit injector nozzle from Bosch		Order number
UI nozzle for Audi, Seat, Scoda and VW		1 687 001 857
UI nozzle for Nissan		1 681 335 111
UI nozzle for DDC and Iveco with UI-N3 PDE (pump-nozzle unit)		1 687 010 338
UI nozzle for Scania, Volvo and Iveco with UI-N1 PDE (pump-nozzle unit)		1 687 010 147

Nozzle holder combination from Bosch	Order number
Passenger car DHK for Opel with 20 DTH motors	1 683 391 194
Commercial vehicle DHK for Mercedes-Benz Actros / Atego / Axor	1 683 391 193
Commercial vehicle DHK with connection thread M16x1,5	1 680 362 047
Commercial vehicle DHK with connection thread M18x1,5	1 680 362 000
Commercial vehicle DHK with connection thread M22x1,5	1 680 362 001
Commercial vehicle DHK with connection thread M24x1,5	1 680 362 044
Commercial vehicle DHK with connection thread M26x1,5	1 680 362 002
Commercial vehicle DHK with connection thread M27x1,5	1 680 362 045

EPS 118		
Designation	Description	Order number
Adapter A5sg with high-pressure screw-in socket	commercial vehicle CRIN Bosch for Liebherr and MAN with D28 motors	1 681 335 122
Adapter A6sg with high-pressure screw-in socket	commercial vehicle CRIN Bosch for MAN with D08 motors	1 681 335 123
Adapter A14sg with high-pressure screw-in socket	commercial vehicle CRIN Bosch for Liebherr, MTU, International Harvester and MAN with D20 motors	1 681 335 124
Hydraulic hose (only 1 unit)	basic kit for hydraulic hoses can be used with different adapters	1 683 386 166
Adapter A1i	CRIN Bosch for Cummins, VW, Ford, DCEC, Dongfeng, Kamaz	1 685 720 297
Adapter A2i	CRIN Bosch for Valtra Tractors, SISU Motors	1 685 720 314
Adapter A3i	CRIN Bosch for Iveco, MAN, New Holland, Cummins, Dodge, CDC, Dongfeng, KamAZ, KaVZ, VW, Ford	1 685 720 296
Adapter A4i	CRIN Bosch for Renault, Dongfeng, MAZ, LiaZ, MZKT, Tonar, Ural, YamZ	1 685 720 316
Adapter A7i	CRIN Bosch for Ford, Otosan, Türkiye	1 685 720 320
Adapter A8i	CRIN Bosch for Renault, Fent, Deutz, FAW, Volvo, Weichai, Yuchai, Foton	1 685 720 332
Adapter A9i	CRIN Bosch for Deutz, MAZ, YamZ	1 685 720 324
Adapter A10i	CRIN Bosch for FAW	1 685 720 326
Adapter A11i	CRIN Bosch for DCD, Dongfeng	1 685 720 328
Adapter A12i	CRIN Bosch for MAZ, YamZ, Ashok Leyland	1 685 720 330
Adapter A15i	CRIN Bosch for Shanqi, Foton, CNHTC, Weichai	1 685 720 336
Adapter A16i	CRIN Bosch for DHIM, Yuchai, Doosan	1 685 720 338
Adapter A1e	CRIN Bosch for Deutz	1 685 720 340
Adapter A2e	CRIN Bosch for Cummins	1 685 720 342
Adapter A3e	CRIN Bosch for Iveco, New Holland	1 685 720 344
Adapter A4e	CRIN Bosch for Mitsubishi Fuso	1 685 720 346
Adapter A6e	CRIN Bosch for Cummins (Adapter A6e)	1 685 720 358
Adapter A7e	CRIN Bosch for Iveco, CASE, New Holland	1 685 720 360
Adapter A8e	CRIN Bosch for MTU	1 685 720 362
Adapter A10e	CRIN Bosch for Yuchai	1 685 720 366

Nozzle holder tester: EPS 100



EPS 100 0 684 200 704

For efficient and flexible work
Facilitates reading the opening pressure of injection nozzles

Features

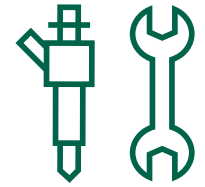
- ▶ Testing and adjustment of injection-nozzle opening pressure
- ▶ Assessment of the injection spray with regard to shape and atomization (injection-spray pattern)
- ▶ Checking for leaks in injection nozzles, and checking the chatter properties on two-spring nozzle holders, stepped nozzle holders, and UI / UP applications
- ▶ Reduced total error (+ / - 2.4 bar) through high read-off (1 bar) and pressure gauge accuracy
- ▶ Idling vibrations of the engine can be avoided by extremely accurate analysis of the smallest possible leaks
- ▶ Direct extraction of the oil mist when testing injection nozzles

Accessories:

EPS 100

EPS 100	
for testing the extraction device	Order number
Extraction device EPS 738	0 684 200 702
Nozzle holder combination from Bosch	Order number
Passenger car DHK for Opel with 20 DTH motors	1 683 391 194
Commercial vehicle DHK for Mercedes-Benz Actros / Atego / Axor	1 683 391 193
Commercial vehicle DHK with connection thread M16x1,5	1 680 362 047
Commercial vehicle DHK with connection thread M18x1,5	1 680 362 000
Commercial vehicle DHK with connection thread M22x1,5	1 680 362 001
Commercial vehicle DHK with connection thread M24x1,5	1 680 362 044
Commercial vehicle DHK with connection thread M26x1,5	1 680 362 002
Commercial vehicle DHK with connection thread M27x1,5	1 680 362 045
Unit injector nozzle from Bosch	Order number
UI nozzle for Audi, Seat, Scoda and VW	1 687 001 857
UI nozzle for Nissan	1 681 335 111
UI nozzle for DDC and Iveco with UI-N3 PDE (pump-nozzle unit)	1 687 010 338
UI nozzle for Scania, Volvo and Iveco with UI-N1 PDE (pump-nozzle unit)	1 687 010 147

Repair tools for components:



Next to competent service, Bosch provides you with high-quality tools for more efficient component repair



A pumps
repair tool set (I)
0 986 614 150



A pumps
repair tool set (II)
0 986 614 160



M pumps
repair tool set (I)
0 986 614 170



M pumps
repair tool set (II)
0 986 614 180



P pumps
repair tool set (I)
0 986 614 240



P pumps
repair tool set (II)
0 986 614 250



P pumps
repair tool set (III)
0 986 614 260



P pumps
repair tool set (IV)
0 986 614 270



H-/R-/P-/M pumps Tool
set for testing and adjusting RE
interlockings (I)
0 986 614 400



H-/R-/P-/M pumps
tool set for testing and adjusting
RE interlockings (II)
0 986 614 415



VE pumps
repair tool set (I)
0 986 614 220



VE pumps
repair tool set (II)
0 986 614 230



VP 29/30/44
repair tool set of solenoid valve
controlled VP
0 986 614 040



controller tool board
repair tool set of the subassemblies
centrifugal governor
0 986 614 190



CRI/CRIN from Bosch
Stage 1 – mounting device
0 986 610 130



CRI/CRIN from Bosch
level 2 – CRI/CRIN Set
1 case
0 986 613 600



CRI from Bosch
starter package CRI level 3
0 986 610 700



CRIN from Bosch
starter package CRI level 3
(case variant)
0 986 610 703



CRIN from Bosch from
Japan and USA production
level 3
0 986 610 845



CP1/CP1H
repair tool set for CR high-
pressure pumps
0 986 614 340



CP3 (CP3 flange)
repair tool set for CR high-
pressure pumps
0 986 610 360



CP3 (CP3 housing)
repair tool set for CR high-
pressure pumps
0 986 610 370



CP4
repair tool set (I)
0 986 610 740



CP4
repair tool set (II)
0 986 610 740



CB18
basic repair kit for CB18
0 986 614 081



CB28 basic tools basic repair
set for CB28
0 9986 614 082



CB28 additional tools if no basic
set CB18 is available
0 986 614 083

Designation	Order number
Mounting key for camshaft	0 986 612 071
Retaining device for drive flange	0 986 612 694
Fixing pin for drive flange	0 986 612 697
Trestle	0 986 611 248
Clamp holder for flange mounting	0 986 611 358
Mounting device for roller plunger	0 986 611 993
Mounting device for nozzle and clamping nut exchange UI and basic mounting device for CRI / CRIN (accessory set 0 986 613 500 required)	0 986 613 400
Accessory kit for basic mounting device for CRI / CRIN required	0 986 613 500
Retrofit kit CRIN level 3	0 986 610 705
Retrofit kit CRIN level 3	0 986 610 715
Upgrade kit CRI level 3	0 986 610 750
Upgrade kit CRI level 3	0 986 610 760
Retrofit kit CRIN level 3	0 986 610 725
Retrofit kit CRIN level 3	0 986 610 735
Plunger holder for roller plunger	0 986 611 298
Force measuring device for shaft seals, bushings,...	0 986 612 878
Force transducer for compressive forces	0 986 612 997
Denoxtronic 1.1	0 986 610 551
Special accessories (Scania) adapter module	0 986 610 173
Test adapters	0 986 610 174
Extension kit from Denoxtronic 1.1 to Denoxtronic 2.1	0 986 610 581
Denoxtronic 2.1	0 986 610 571
Accessories testing device	0 986 613 880
Denoxtronic 3	0 986 610 680
Snap-Ring Tool	0 986 610 600
PEEK Ring Extractor	0 986 613 461
PEEK Ring Inserting Tool (8.1 mm)	0 986 613 463
PEEK Ring Inserting Tool (7.52 mm)	0 986 613 464

Driven by efficiency

Bosch technologies are used worldwide in almost all vehicles. People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated the last 125 years of pioneering spirit and expertise in research and manufacturing to achieving this.

We continue to work on our unique combination of solutions for spare parts, diagnostic devices, workshop equipment and services:

- ▶ Solutions for efficient vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ The world's most comprehensive range of new and replacement parts
- ▶ Large network of wholesale customers, for quick and reliable parts supply
- ▶ Competent hotline support
- ▶ Comprehensive educational and training offers
- ▶ Targeted sales and marketing support

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bosch-automotive-aftermarket.com

What drives you
drives us

Robert Bosch GmbH
Automotive Aftermarket
Business Unit Automotive Service Solutions

73201 Plochingen
Germany
bosch-werkstattwelt.de



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