

Fit for the Future.
Fit for Diesel Success.
Good. Better. Bosch.



Automotive



BOSCH

New diesel systems – new business



Diesel boom with Bosch

The worldwide production of diesel cars has risen by 7 percent per annum since 1998. Bosch has supplied a total of more than 16 million high-pressure fuel injection systems and thereby played a prominent part in shaping this diesel boom.

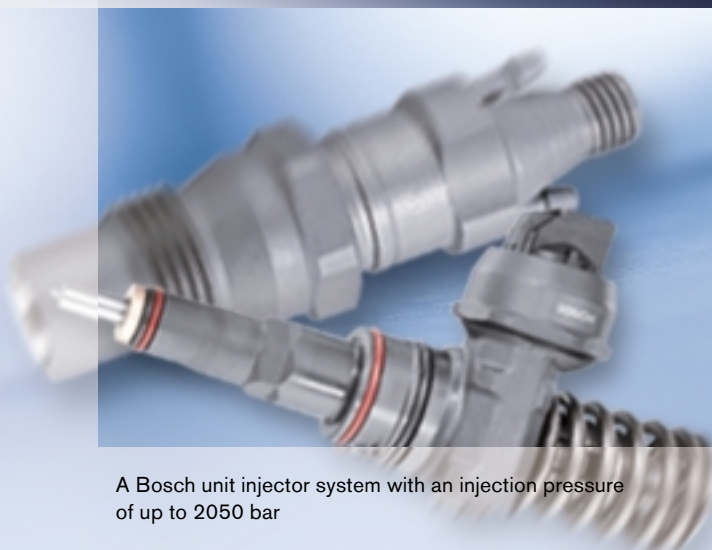
Go into a higher gear with diesel service

Diesel vehicles with innovative injection systems are the big sellers on the automobile market. More and more car buyers are excited by their dynamic vehicle handling. The strong increase in demand – particularly in Asia – also means an increase in the diesel business for the workshop. Anyone wishing to seize these sales opportunities has to start preparing for them now. Bosch offers comprehensive, workshop-oriented support for the diagnosis and exchange of modern diesel systems.



High performance, low consumption and emissions –
with modern injection pumps from Bosch

New diesel dynamics – a new market



A Bosch unit injector system with an injection pressure of up to 2050 bar



„Bosch high precision technology is the key to powerful diesel systems“

Diesel and Bosch

Ever since there have been diesel vehicles on the road, Bosch has been a leading provider of diesel technology. In permanent and close cooperation

with leading engine designers and automobile manufacturers, Bosch time and again develops decisive innovations which create the driving force for the future of the diesel engine.

Diesel – adjusted for optimum function



VP44 radial piston distributor injection pump - a high-pressure fuel injection system for automobiles and light commercial vehicles

New diesel systems

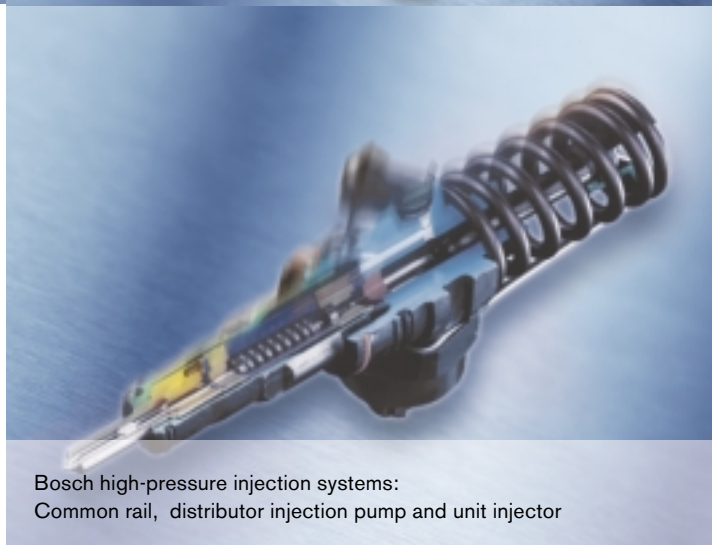
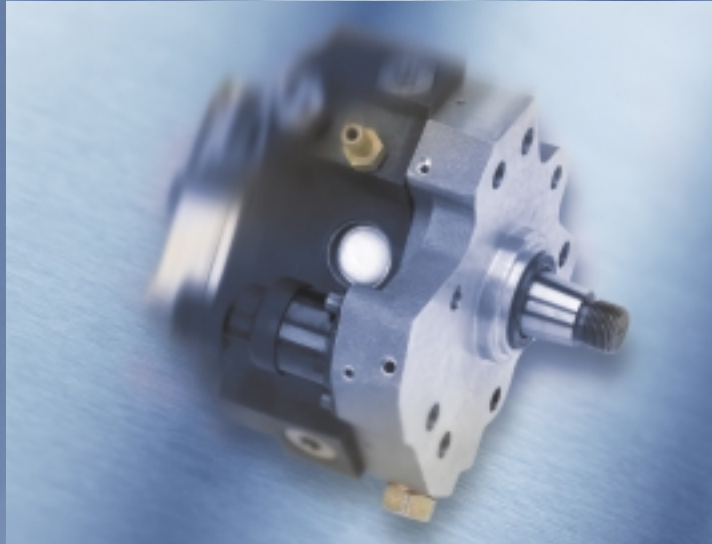
The diesel revolution is the result of systematic evolution. The development of high-performance modern high-pressure systems by Bosch was crucial in this respect. The start of series production of the first TDI engine with an electronically controlled axial piston distributor-type injection pump in 1989 was followed by the VP44 and common rail high-pressure innovations in 1996/97. A trend which will also emerge in Asia.

Dynamic, clean, economical

More driving fun with fewer emissions and lower consumption. Diesel engines today are extremely powerful and very lively, but they are economical and efficient, now as before. An advantage for the environment – diesel engines have become increasingly cleaner in the last ten years.



„With qualified diagnostic and repair work workshops can benefit from the diesel boom“



The technology of success

No matter whether it concerns the distributor-type injection pump, the unit injector or common rail, the modern fuel injection systems from Bosch have re-defined diesel technology. The second generation of the common rail system and the pump injector technology from Bosch have set new standards for the efficiency and performance of diesel engines: injection pressures up to 2050 bar, shorter intervals between the pilot injection, main injection and secondary injection and a more precise fuel injection timing are made possible by electronic control. This increases the engine performance and reduces consumption and emissions at the same time.

Bosch high-pressure injection systems:
Common rail, distributor injection pump and unit injector

Diesel repair made easy



Bosch gives you a command of sophisticated technologies

When a customer tells you, „My diesel doesn't start very well“, the causes of the defect have to be found quickly and reliably. Diagnosis directly on the vehicle is the key to modern systems and their repair. Bosch offers everything you need for this – inspection systems, know-how and spare parts – from one source of supply.

Bosch test engineering

- KTS 520 and 550 test modules for connection to the PC
- The complete KTS 650 diagnostic tester
- FSA 560 engine tester
- Exhaust emission analyzers from the BEA and ESA series

[ESI]tronic testing software

The complete software package for the workshop: control unit diagnosis, troubleshooting instructions, circuit diagrams and automotive equipment.

The unbeatable doubles team:

Test engineering and software from Bosch

We help your workshop to shorten repair times, work more effectively and increase the satisfaction of your customers.

Bosch offers you:

- Diagnostics
- Troubleshooting instructions
- Spare parts and spare parts kit
- Repair instructions and calculations

With our diesel service module, you obtain the complete expertise of Bosch – ready to use!

Component – today and

The EPS 815 injection
Bosch provides a un
specifications.



EPS 815 test stand

This system is an int
bench simulates all
steps are clearly disp



Test and repair hi

Workshops are also
Bosch injection pun
pumps and the VP4
tested and set using

Diesel repair – factors making for success

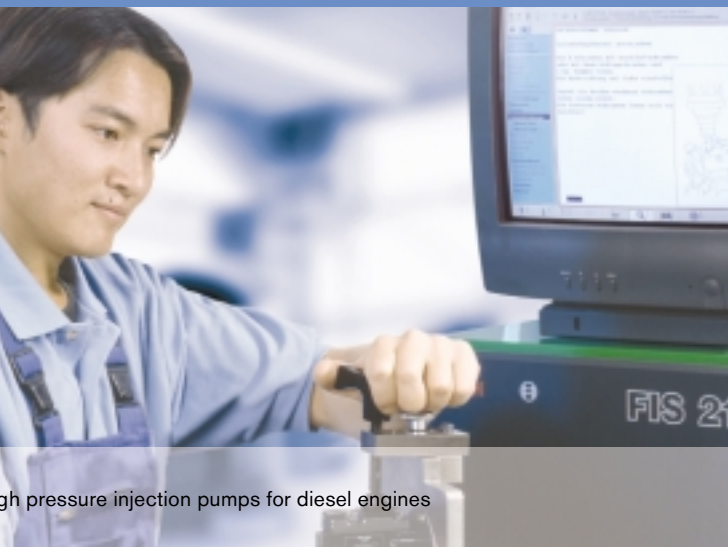
Test bench testing secures diesel business in the future

on pump test bench with KMA measurement technology from
universal solution for the repair of diesel components to Bosch



ed by Bosch

International standard for the testing of diesel systems. The test
the requisite service conditions of the vehicle. All the sequence
laid on the monitor.



gh pressure injection pumps for diesel engines

optimally prepared for the testing business of the future with
mp test engineering. Your new CP1, CP2, CP3 common rail
4 / 29 / 30 distributor-type fuel injection pumps can also be
the test kits.



Technical training

- for all diesel injection systems from the in-line pump to the common rail system
- for electronic diesel control systems (EDC)
- for diagnosis and troubleshooting on the vehicle

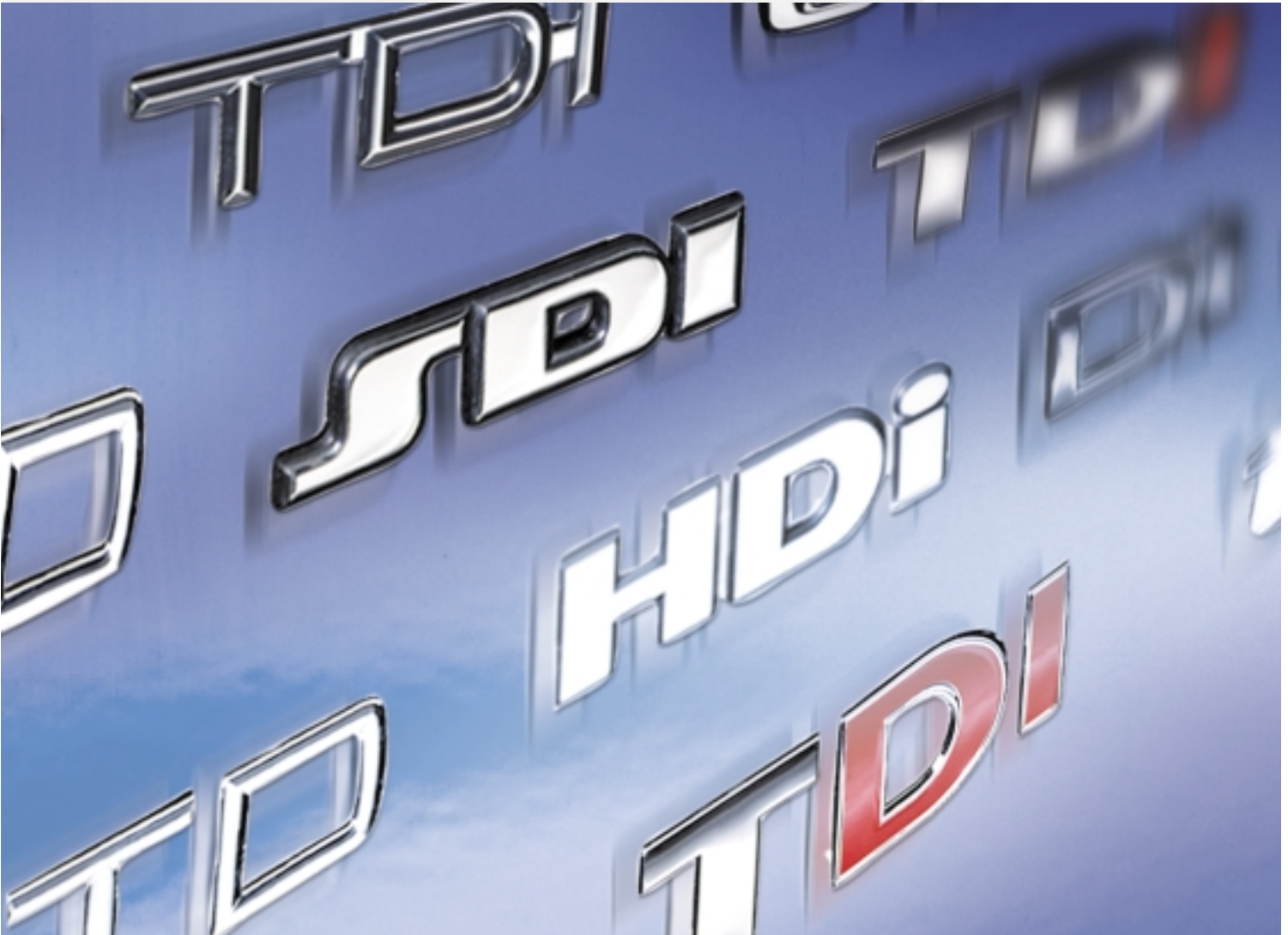
Success can be trained

Modern diesel repair requires professionally qualified staff who are familiar with state-of-the-art technology. The training programme from Bosch passes on practical knowledge for all diesel systems and components.

Technical hotline and knowledge database

You will obtain prompt help over the telephone and online for difficult problems covering all makes.

Diesel systems from Bosch – Success with a system.



The advantages at a glance

- New diesel technology provides the workshop with new business opportunities
- Test engineering, know-how and spare parts from Bosch – everything from one source of supply for expert diesel service
- Comprehensive support of the workshop for reliable diagnosis and efficient diesel repair

- Modern high-pressure injection technology – all systems and components in Bosch original quality

By the way:

We also offer a complete concept for diesel service – everything from one source of supply.

Contact us today!