

Successful Diesel Service

Automotive workshops intending to participate in the growing diesel service market need qualified support. The services of Bosch Diesel Centers enable both independent and authorized garages to offer their customers repair in line with the age of the vehicle.



The services of the Bosch Diesel Centers enable automotive workshops to offer their customers repairs at prices in line with the age of the vehicle.
Photos: Bosch

The demands made on independent workshops are growing from year to year. Automotive engineering is becoming more and more complex as a result of the increasing amount of electronics. This requires continuous further training, up-to-date service information and modern diagnostic systems. At the same time, the number of the customer contacts is decreasing as a result of extended service intervals. The customers themselves are also becoming more and more demanding and expect comprehensive, effective service at attractive prices. Automotive workshops therefore need expert support to be able to offer professional services in the future. This particularly applies to diesel service, a growing market, in which it pays automotive repair shops to gain a foothold.

Cooperation with specialists: Bosch Diesel Center

As the number of diesel vehicles grows, more and more older vehicles with high-pressure diesel injection systems are coming into the workshop for testing and repair work. The independent workshop can use diagnosis and test technology from Bosch to positively identify a possible fault in the system. Exchange parts from the Bosch exchange programme then often provide a repair at a comparatively reasonable price. Independent workshops can offer drivers of older diesel cars this repair alternative at a price in line with the age of the vehicle by calling on the services of a Bosch Diesel Center (BDC), which has the requisite special knowledge as well as special test bench technology and special tools at its disposal.

In many cases, it can be more cost-effective to have a defective high-pressure pump, a Common Rail injector or a pump injector unit repaired there. At present there are more than 700 Bosch Diesel Centers worldwide which can repair components of modern high-pressure diesel injection systems for passenger cars and commercial vehicles. In addition to the technical knowledge and the test equipment, the BDCs must comply with a whole series of requirements. For example, the repair of high-pressure diesel systems demands high precision and a high degree of cleanliness at the workplace. The BDCs therefore regularly demonstrate their ability to meet the strict standards through quality certification. As is already the case for conventional injection pumps, Bosch has also

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developed comprehensive repair concepts for high-pressure diesel injection components. In the meantime, these are available for all generally used high-pressure injection pumps from Bosch as well as for common-rail injectors for passenger cars and commercial vehicles. Concepts for the Bosch high-pressure pumps of pump injector units and unit pumps are also available. Bosch sees a future

volume market here, particularly for injector repairs at prices in line with the age of the vehicle, on account of the high distribution. The repair concepts are prepared in close collaboration with the Bosch development departments. The BDCs can therefore offer qualified and reliable repairs. The basis of their test equipment is the modularly structured diesel injection-pump test bench

EPS 815. Finally, special tools and the requisite spare parts are important components of the Bosch repair concept. The BDC diesel specialists are trained at the Bosch Training Center in Plochingen.



The Bosch Diesel Centers can therefore offer qualified and reliable repairs. The basis for this is the modularly structured diesel injection-pump test bench EPS 815.