

Press release



Bosch launches the new generation KTS for an even easier repair

- Parallel channel communication allows for faster diagnosis, reprogramming and communication
- Supports PassThru for at least 14 OEMs
- First independent aftermarket products with DoIP
- ESI[tronic] 2.0 provides a range of technical information to aid diagnosis

Customer retention and efficiency are key in today's garages and reducing work times and ensuring that the job is done right first time are paramount. Vehicles now require a diagnostic tool for around 90% of garage visits, even for simple service functions. Consumer demand for features such as parking cameras and keyless entry, tighter emissions regulations and the push towards fully autonomous driving means that some vehicles now have more than 50 different ECUs.

Aftermarket technology needs to be able to keep up with the technology developed by Original Equipment Manufacturers (OEMs). The new generation of KTS diagnostic tools from Bosch, the KTS 560 and KTS 590, now include technology which is currently only available on OEM diagnostic tools.

One of the new features of the KTS 560 and KTS 590, not previously available on the older generation of KTS, is parallel channel communication. This allows communication to more than one CAN system simultaneously therefore making diagnosis faster. Because of the increased speeds involved, OEMs are increasingly using parallel channels to carry out programming and diagnosis and OEM diagnostic tools have already been launched with this capability.

Using parallel channel communication allows the new generation of KTS to work like the OEM solution to perform PassThru. With the KTS560 and 590, a garage no longer needs to purchase several OEM PassThru hardware solutions to cover the range of cars that they are likely to work on. The KTS 560/590 has been proven to be able to support PassThru on at least 14 OEMs with testing on other OEM vehicles still ongoing. The user can connect the KTS 560 or KTS 590 to the car, enter the OEM portal with a laptop, access the updates required and send the updates from the portal to the car through the KTS.

The KTS 560/590 are the first independent aftermarket products with Diagnostics over Internet Protocol (DoIP) capabilities, working up to 200 times faster than high

speed CAN. This reduces upload times considerably therefore improving workshop efficiency. DoIP is being used by OEMs, using specific pins in the OBD socket to establish the connection. The KTS automatically identifies and links to the correct pins for DoIP.

As well as the key benefits of parallel channel communication, the wider PassThru capabilities and DoIP, there are also additional improvements with the new generation KTS. These include faster oscilloscope sampling rates (KTS 590 only), increased multimeter bandwidth and improved resistance to dust and water.

The perfect partner to the KTS is ESI[tronic] 2.0. ESI[tronic] 2.0 can perform all traditional scan tool functions but also offers more complex features such as wiring diagrams, component locations and test plans, technical service bulletins and service data. Current subscribers to ESI[tronic] 2.0 will not have to purchase a second licence if they upgrade their hardware to a new generation KTS 560 or KTS 590. New subscribers have a range of diagnostic packages to choose from according to their individual requirements.

Purchasing a new generation KTS now will improve productivity and will decrease the likelihood of having to turn business away because the correct tools are not available.

ENDS

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In the UK, Bosch has been present since 1898, when Robert Bosch opened the company's first office outside Germany. Every one of the Bosch Group's business sectors has a presence in the UK: Automotive Technology, Industrial Technology, Consumer Goods, and Energy and Building Technology. Bosch operates in the UK as Robert Bosch Limited and employs around 5,300 associates across 41 sites. In 2014, Bosch generated revenues in the UK of 3.7 billion euros.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 375,000 associates worldwide (as of December 31, 2015). The company generated sales of 70.6 billion euros in 2015. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing and sales network covers some 150 countries. The basis for the company's future growth is its innovative strength. Bosch employs 55,800 associates in research and development at 118 locations across the globe. The Bosch Group's strategic objective is to deliver innovations for a connected

life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is Invented for life._

The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as Workshop for Precision Mechanics and Electrical Engineering._The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant up-front investments in the safeguarding of its future. Ninety-two percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust. The remaining shares are held by the Bosch family and by Robert Bosch GmbH. Additional information is available online at www.bosch.co.uk, [@BoschUK](https://www.facebook.com/BoschUK), www.facebook.com/BoschUK