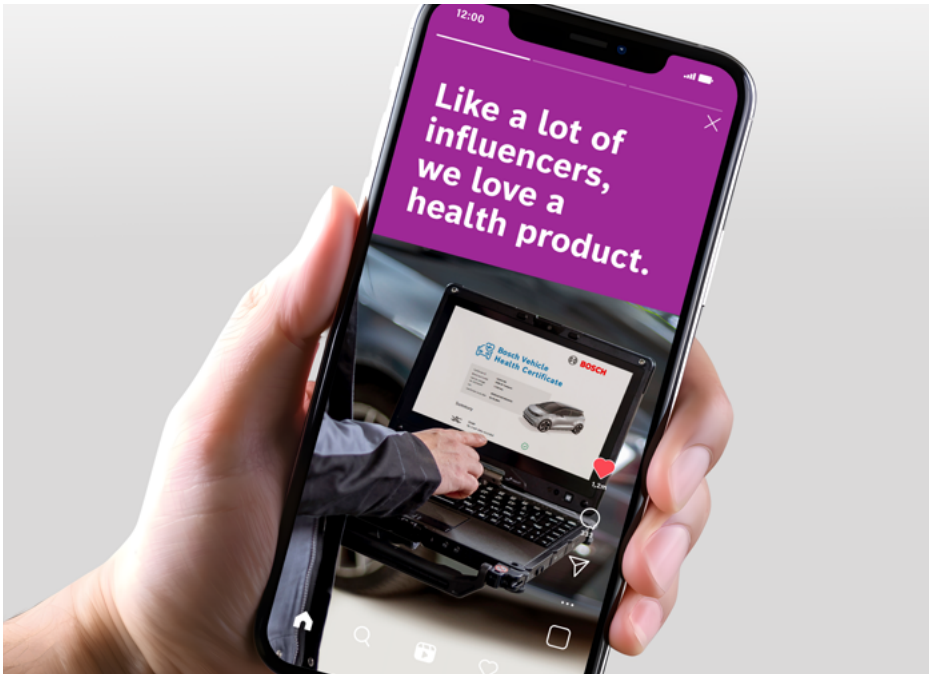
Automotive Insiders:
Certified reliable: introducing the Bosch Vehicle Health certificate



In a world of 'influencers' – people who use social media to appear as if they're knowledgeable on a certain subject – Bosch are the real deal. We're genuine automotive influencers because our in-depth automotive knowledge has been built over 100 years, our innovations have changed the automotive landscape, and our products and services are trusted by millions of customers around the world today.

In our new Automotive Insider series, we find out more about Bosch's best-known services, by talking to the people behind them. From the ADAS software system to ESI[tronic], our experts lift the bonnet to share how these services work – their history, how they've developed over the years, and how they're equipping vehicle mechanics and owners to face the future with confidence.

Today we're talking to Damian Schmitt and Laura Kuerzel – the experts behind the Bosch Vehicle Health Certificate.

How does the Bosch Vehicle Health certificate help vehicle owners?

The Bosch Vehicle Health Certificate (BVHC) was developed to bring greater transparency to the used car market. While many used car buyers are looking for assurance about the condition of vehicle they want to buy, sellers want to make sure the value of the vehicle they are selling is correctly reflected in the price.

The BVHC is designed to help these parties by providing a software-based manufacturer-independent Bosch certification of the vehicle's health status by reading out the stored data. Not only does it help both sides make an informed decision, it also enables workshops to address evolving market demands, acting as an addition to their traditional workshop offerings and unlocking new revenue opportunities.

As the testing procedure is straightforward and uses established diagnostic tools, this service can be integrated into a workshop's existing workflows, for example their inspection process.

The BVHC has been released for a dedicated group of customers. First feedback is positive, and many potential customers are very keen on the concept of combining relevant car information in one certificate.

> "Most influencers love a health product. With our Vehicle Health certificate, we're no different."

How is the Bosch Vehicle Health Certificate generated?

The whole process is simple and straightforward:

Step 1. Connect KTS to the vehicle, identify vehicle in ESI, check pre-requisites and then start the process.

Step 2. Stored data is extracted from the vehicle control units, such as:

The current capacity of high voltage batteries of electric vehicles

Potential mileage tampering

Stored crash data

Stored error codes

Latest service intervals

Step 3. The data is processed with software support and compiled into a user-friendly, printable certificate.

So the Bosch Vehicle Health Certificate has all the information you need in one place?

Yes, the BVHC uses and combines stored vehicle data and provides manufacturer-independent Bosch certificate, which sets it apart from what's currently on the market.

The BVHC covers multiple solutions – reading data from the vehicle's ECUs instead of relying on pure physical checks or external databases (such as insurance databases). It is based on vehicle data and does not only provide information about one component, for example the battery. Instead, it combines crash, mileage, service, battery and error code information in one Bosch certificate.

How does the Bosch Vehicle Health Certificate work with ESI[tronic]?

While the BVHC is designed to integrate with a workshop's existing software, it comes into its own when it is used alongside Bosch's trusted aftermarket technology – ESI[tronic] and the KTS 560 or 590.
This technology enables technicians to access the vehicle data and conduct the necessary interpretations for the certificate quickly, simply and seamlessly.

By connecting the KTS to the diagnostic module via the OBD interface, you can ensure all the necessary prerequisites for certificate creation are checked.

The new service was launched in February 2025, can you tell us how it will adapt in the future?

The service will be made available to all ESI users in dedicated EU countries in mid 2025. We are also planning to roll the service out to new countries, including the USA.

As the automotive industry changes, so does the automotive aftermarket sector. As vehicles become increasingly software defined, workshops are facing a new set of complexities and challenges in the vehicles they are dealing with.

Our aim is to support workshops exactly with challenges like these, and as the automotive landscape continues to evolve, the BVHC do so too. This will ensure their business meets these challenges with ease, so they can thrive in the changing environment.

Benefits for workshops:

- This easy to use system helps workshops evolve with the demands of a changing automotive market
- The process can be integrated easily into a workshop's workflow
- The system is designed to work seamlessly with ESI[tronic] and the KTS
- The end result is a user-friendly pdf comprising all the important data for the customer
- The Bosch certificate is an addition to traditional workshop offerings, addressing evolving market demands and unlocking new revenue opportunities

Benefits for consumers:

- It makes the vehicle's condition and key statistics transparent for both buyer and seller
- It highlights key areas of note, for example Battery state of health and error codes
- With clear information, both parties can be more confident of a successful car deal

Invented for life

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Service Spotlight:

The Battery State of Health (SoH)

"This is a new service within the mobility aftermarket service portfolio from Bosch. As a part of the Bosch Vehicle Health Certificate, this service reads out and provides the SoH of the vehicle's high voltage battery. Understanding the condition of the HV-battery is critical when it comes to determining the residual value of a used electric vehicle, since it majorly impact the battery's range. As a service, it supports groups such as mobility service providers, fleet operators, inspection companies, workshops, remarketing companies, car dealerships and even car associations."

Damian Schmitt, EU product lead for services at Bosch.

About our experts:

Damian Schmitt

Damian Schmitt has been EU product lead for services with Bosch for a year, with 5 years' experience in software beforehand.

Laura Kuerzel

Laura Kuerzel is a product manager for the Bosch Vehicle Health Certificate, and has been with Bosch for 3 years.

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For more information on Bosch's future-facing automotive solutions, please visit us at:
boschaftermarket.com
For detailed information of the Vehicle Health Certificate, please visit us at:
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