

AFTER-SALES TESTER

For repair and maintenance of ECUs

Softing has released its TDX.workshop tool. It comes with the U100 CAN interface module by Kvaser.

Softing Automotive (Germany) has once more bundling its expertise with Kvaser (Sweden), a provider of CAN vehicle interfaces. Together, they offer a plug-and-play solution for diagnostic tasks in after-sales, which can withstand the tough environments in repair shops. The combination of intuitive diagnostic software and the vehicle interfaces supports error localization, repair and commissioning of individual devices as well as the entire vehicle systems. This includes electric vehicles and mobile working machinery. The individual after-sales tester are developed in cooperation with OEMs (original equipment manufacturers and suppliers). The U100 interface module is suitable for CAN and CAN-FD communication.

The repair shop tester offers a range of diagnostic functions for this purpose, such as:

- Creating vehicle reports
- Reading out and clearing the error memory
- Parameterizing, programming and exchanging ECUs -
Displaying measurement values
- Testing actuators
- Running test sequences
- Guided troubleshooting

Additional information, such as repair instructions, exploded drawings, videos and web content, support the user in maintenance and repair of the vehicle or the electronic control unit (ECU). The tester features galvanic isolation and a vibration, shock and drop-proof housing compliant with IP67.

Lars-Berno Fredriksson, President of Kvaser AB, said: "Softing and Kvaser have been working together for some time now. We are particularly well known for our high-performance CAN interfaces. Our new U100 series in particular has been developed for use in harsh environmental conditions. When integrated in the TDX tester, automotive and machine manufacturers now have an end-to-end solution for after-sales diagnostic tasks." Julian Mayer, Product Manager of the software solution Softing TDX, added: "With the TDX Toolbox, our customers simply create their software solutions for service themselves. The result is a highly individual, intuitive and high-performance diagnostic tester that is specifically tailored to the needs of the repair shop. Thanks to the robust housing, IP67 rating and reinforced galvanic isolation, the new U100 CAN interface perfectly complements our software for use in the repair shop and test area."

Since 30 years, Kvaser and Softing are CiA members. The Swedish company has regional branches in Mission Viejo in the United States and in Shanghai, China. Kvaser works with a global network of resellers and technical associates. Softing provides diagnostic and test solutions for the entire ECU life cycle of as well as entire vehicle systems. In its developments, the German company relies on standardization, which is why the firm is an active member of standardization committees in automotive electronics, such as ASAM, ISO, and SAE International. and ISO. The company has more than 90000 installations in the market of vehicle test and diagnostic systems.



The repair shop tool offers a range of diagnostic purposes (Source: Softing Automotive)

[hz](#)