

Diagnostic Access Authorization for Future Vehicle Generations

- **Two-stage solution for authorized diagnostic access from Hella Gutmann**
- **SGW adapter for FCA vehicles as from January 2020**
- **Cross-brand cyber security management integrated in mega macs as from the end of 2020**

Ihringen, 19 December 2019. The new technology which is designed to make hacker attacks on vehicle data and vehicle electronics more difficult has a significant downside for the independent repair market: Manufacturers are increasingly restricting diagnostic access via the OBD interface. After Fiat Chrysler Automobiles (FCA) who already protect the vehicle data of their current models against unauthorized access via security gateway (SGW), Volkswagen and Mercedes-Benz are now introducing the first models with a partial access lock on the vehicle data bus. To perform functions such as diagnosis, actuator tests and basic settings on these vehicles, independent workshops need a digital key which can only be obtained by online-authorization from the manufacturer.

For unlocking the security gateways in FCA vehicles, Hella Gutmann will introduce the SGW adapter in January 2020. It can be used with all diagnostic tools – even with devices which are not web-enabled. It is simply plugged in between the OBD interface and the mega macs and connected to a web-enabled laptop via USB cable. After successful registration on the FCA portal and receipt of a digital key, the security gateway is unlocked. The vehicle diagnosis with the mega macs can now be carried out as usual.

In the second stage, Hella Gutmann will integrate a comprehensive cyber security management in the mega macs software in order to render the procedure for independent workshops as time-saving as possible. This OE-compliant embedding enables dialing in on manufacturer portals as well as access authorization directly from the mega macs. The integrated cyber security management will be activated via software update toward the end of 2020.

Note:

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Hella Gutmann Solutions GmbH, Ihringen: The company has about 500 employees, is headquartered in Ihringen/Breisach, Germany, and belongs to the Hella Gutmann Group, which is a corporation of HELLA GmbH & Co. KGaA. The product portfolio focuses on professional equipment for auto repair shops, car dealerships, and vehicle testing organizations. Core products are data, software, devices and tools for diagnosis, exhaust emission tests, headlight adjustment, system checks as well as the corresponding measuring technology. About 45,000 automotive companies in 24 countries work with the tools and professional knowledge of Hella Gutmann Solutions on a daily basis. They benefit from the high German quality standards and customer-oriented services such as the Technical Help Line, technical training, technical data and sales & marketing support.

Get more information from:

Hella Gutmann Solutions GmbH

Uschi Winkler
Press spokesperson
Am Krebsbach 2
D-79241 Ihringen
Tel.: +49 (0)8033 3023 290
Mobile: +49 (0)171 837 9251
Uschi.Winkler@hella-gutmann.com
www.hella-gutmann.com

HELLA GmbH & Co. KGaA

Dr. Markus Richter
Company spokesperson
Rixbecker Straße 75
D-59552 Lippstadt
Tel.: +49 (0)2941 38-7545
Fax: +49 (0)2941 38-477545
Markus.Richter@hella.com
www.hella.com