



VEHICLE DIAGNOSIS UPDATE 5.35.00

2022-08-30

[Diagnosis update](#)

[Software update news](#)

[Security Gateway Portal \(SGP\)](#)



DIAGNOSIS UPDATE





DIAGNOSIS UPDATE

WOW! LOOQIT 5.35.00

- The diagnostic database of the WOW! LOOQIT 5.35.00 now supports **1,491 vehicle models** from **70 manufacturers**.
- Thereby **2,586 petrol** and **1,671 diesel engines** form the basis for several thousand different vehicle configurations.
- A total of **9,704 new functions** are delivered that can be performed in the systems (see table on the right).

System	Number of functions
Engine	4071
Brake	1015
Instrument	540
Climate system	557
Gearbox	970
Immobilizer	80
Restraint & SRS	69
Multifunction / Comfort systems	1344
Service Reset	123
Hybrid / High voltage systems	466
TPMS	138
ADAS	331

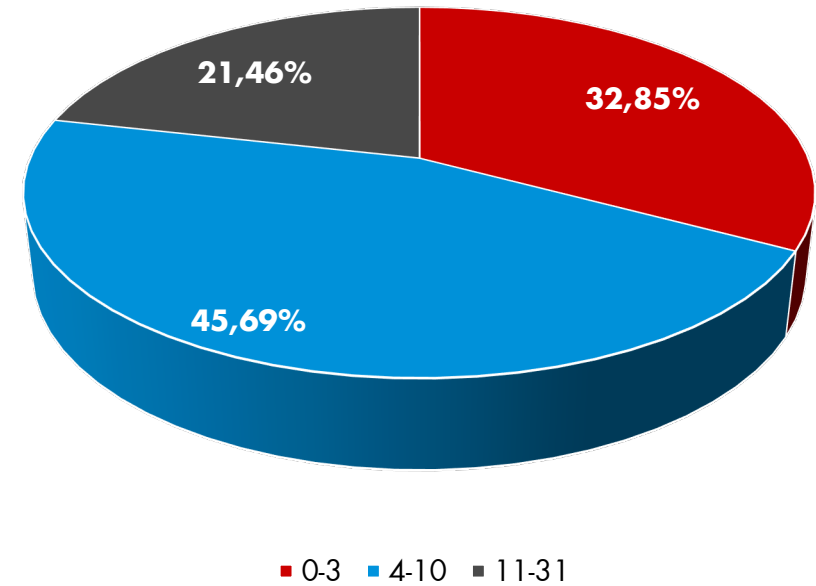
DIAGNOSIS UPDATE

WOW! LOOQIT 5.35.00

As with every update, the focus of development is on new and "middle-aged" models:

Age	Update share
0 - 3	32.85 %
4 - 10	45.69 %
11 - 31	21.46 %

Age / Update share



DIAGNOSIS UPDATE

WOW! LOOQIT 5.35.00

The sales figures of hybrid and high-voltage vehicles are also reflected in our development efforts. The systems with the greatest growth are again:

Electric vehicles with 11.23%



ADAS calibration with 5.89%



DIAGNOSIS UPDATE

WOW! LOOQIT 5.35.00

Overview new models and enhanced models

BMW

- BMW i4 [G26]
- BMW iX [I20]

Cupra

- Cupra Born

Ford

- Ford Explorer [13-]
- Ford Explorer [20-]

Honda

- Honda E [20-]

Hyundai

- Hyundai Accent [11-17]
- Hyundai Santa Fe [19-]

Lexus

- Lexus GS-series [15-20]

Mazda

- Mazda 2 [22-] [XP210]
- Mazda MX-30 [20-] [DR]

MG

- MG ZS [2001-2004]
- MG ZS [2020-]

Nissan

- Nissan Qashqai J12 [21-]

Renault

- Renault Arkana [New]

Toyota

- Toyota Auris [13-18]
- Toyota Land Cruiser J200 [07-21]

VW

- Volkswagen Caddy IV [16-20]
- Volkswagen Caddy V [21-]
- Volkswagen T7 Multivan [22-]

DIAGNOSIS EXAMPLES

WOW! LOOQIT 5.35.00

BMW

- New model iX, only a few minor systems missing
- New model i4, only a few minor systems missing

Citroen

- Support for new C4 electric added
- C5 Aircross HV-systems added
- Gearbox variants updated on several models

FAL

- Year model update and new systems added for Stelvio, Giulia, Abarth, 500, 500X, 500E, Tipo, Doblo

Ford

- Explorer – Basic protocol added for several systems
- Transit 19 – Algorithm for diesel engine functionality (regeneration, injector coding)
- Engines with full functionality for several models
- Camera calibration function updated for several models

Honda

- New model Honda E added

Jaguar/Land Rover

- New functions for SLR and Security Access on the majority of the models supported

Jeep

- New systems for Compass 2021
- New diesel engines for Compass and Renegade
- Radar calibration for Compass 2021

DIAGNOSIS EXAMPLES

WOW! LOOQIT 5.35.00

KIA/Hyundai

- Santa Fe 19 - Updated with several systems with dtc, live parameters
- Ceed 19 - Updated with several systems with dtc, live parameters
- I30 - Updated with several systems with full functionality
- Niro/Ioniq - Clutch fluid function during service
- Several models /engines added with full functionality

Mazda

- New electric Mazda MX-30 added
- New Mazda 2 hybrid added with full functionality

MG

- New Modell ZS added (EV)

Mercedes Benz

- Stereo camera calibration on several models
- Camera calibration on several models
- Citan 420 - SGW solution
- Several engines with functionality
- DTC update for several systems (450 dtc:s)
- Battery management systems - eSprinter, eVito with battery check test function

DIAGNOSIS EXAMPLES

WOW! LOOQIT 5.35.00

Nissan

- New model Qashqai J12

Opel

- Vivaro PH3 Steering angle calibration added
- Astra and Insignia new system variants for Brake system and Front camera added

Peugeot

- Gearbox variants updated on several models

VAG

- New model VW T7 Transporter/Multivan - Full coverage with full functionality
- New model Cupra Born - Full coverage with full functionality
- New model VW Caddy V - Full coverage with full functionality
- Audi Q4 e-tron - Full coverage with full functionality
- Service reset function for ID3, ID4, Enyaq, Q4
- Brake Bleed/Brake test function for MQB platform
- Audi Q7 Air suspension system with full functionality

Renault

- New Renault Arkana added
- Renault Capture II Hybrid systems added
- New engines for Capture II and Scenic IV

Toyota

- Battery test function updated
- Support for E Proace added

SOFTWARE UPDATE NEWS



SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.35.00

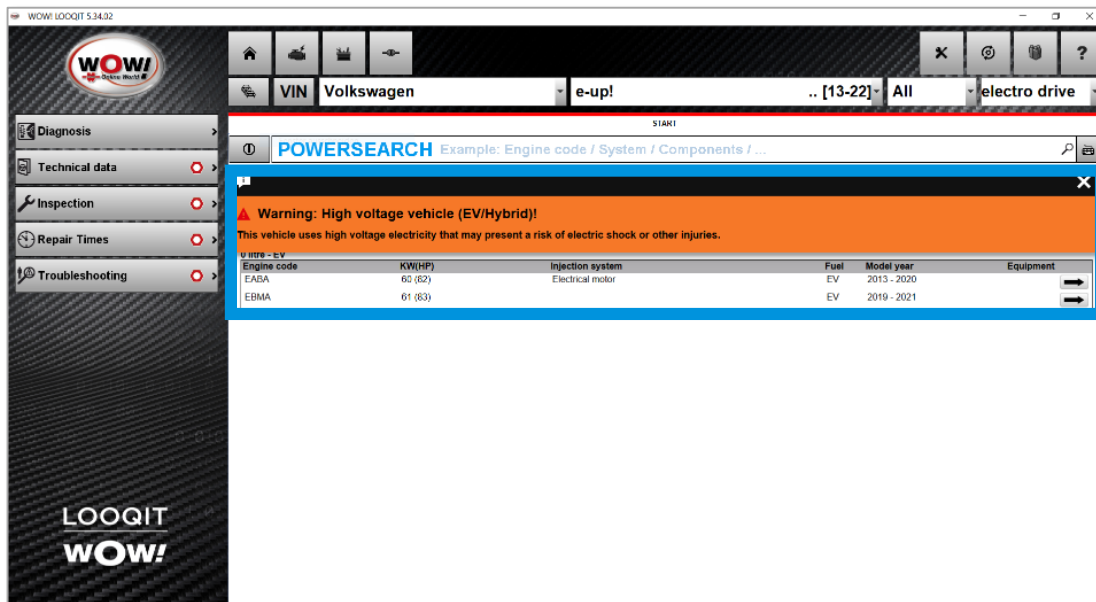
Until now, the software showed a reference to high-voltage or hybrid systems in the vehicle selection.

This reference is replaced by a completely new function from version 5.35.00.

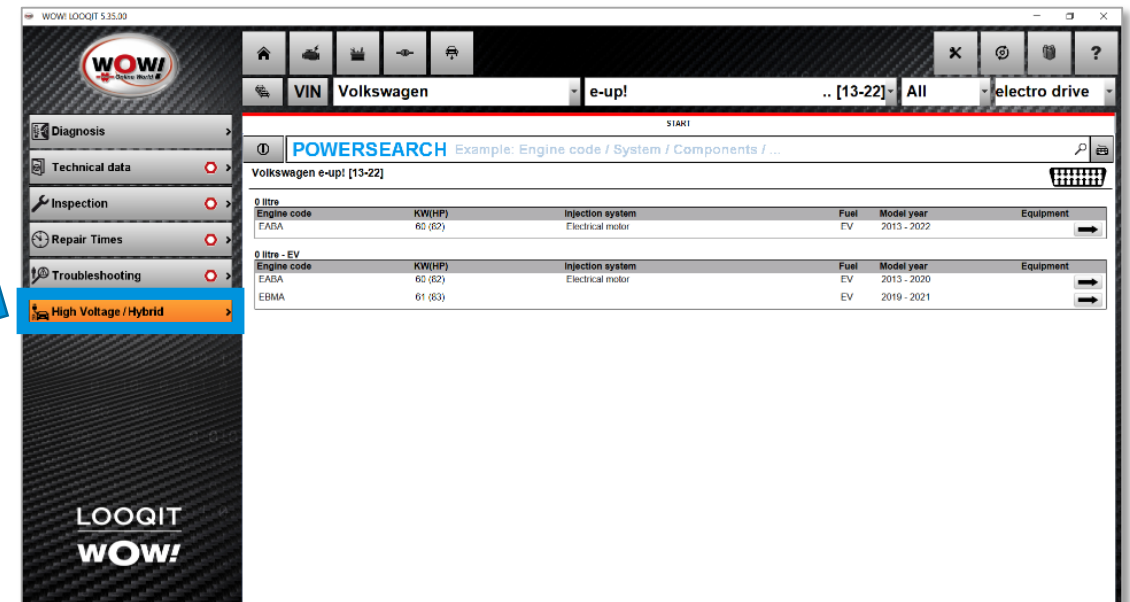
A new button **"High Voltage / Hybrid"** combines several functions. First and foremost, it uses the orange colour to indicate:

This vehicle may contain high-voltage systems!

Display until version 5.34.02



New function from version 5.35.00



SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.35.00

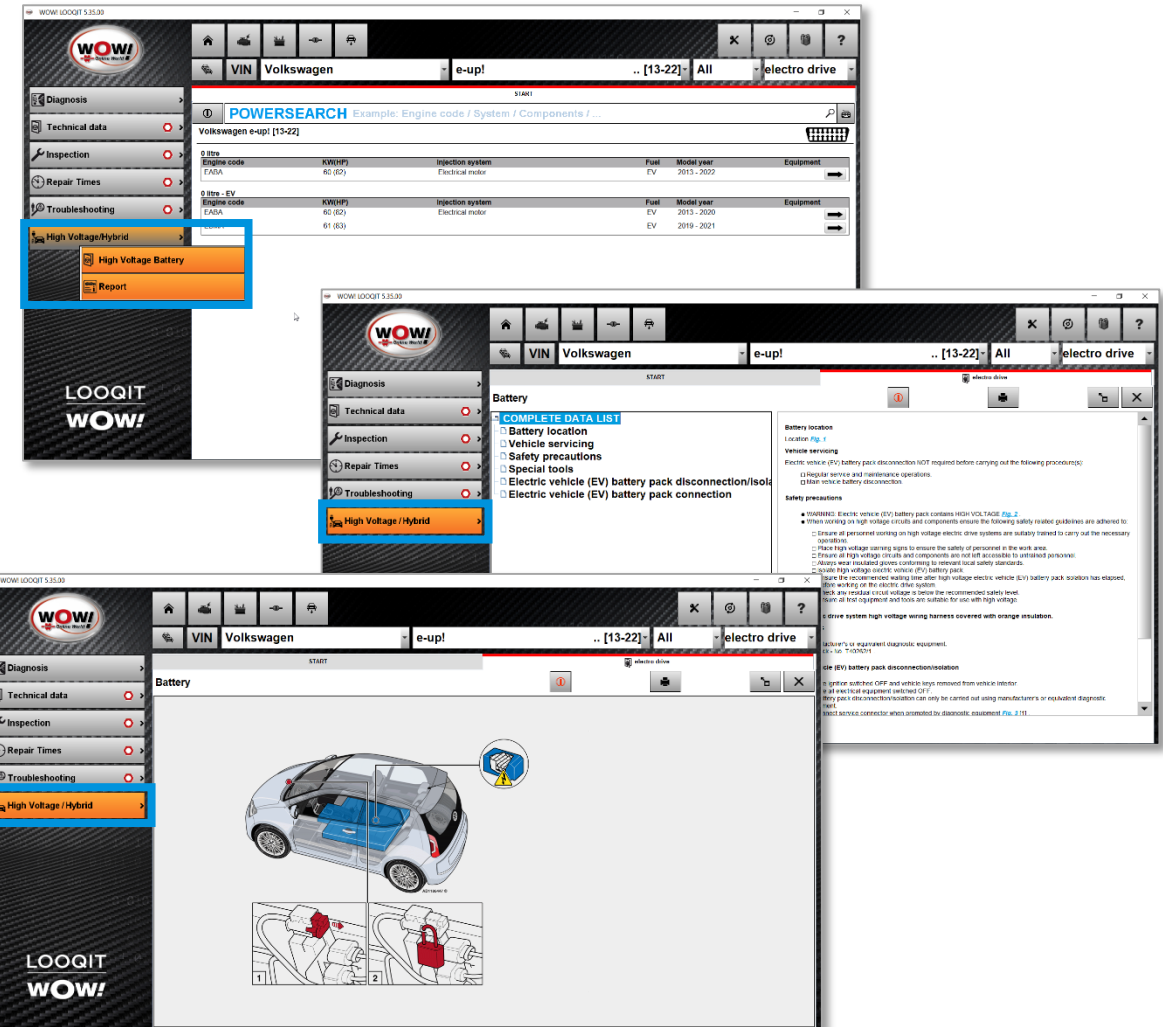
With the introduction of this button, we currently present two functions.

FUNCTION 1:

NOTES CONCERNING THE HIGH-VOLTAGE BATTERY

- Where is it installed?
- What safety instructions do I have to follow?
- Do I need special equipment or tools?
- How can I disconnect the battery from the vehicle to ensure safe working?

This information is available in the system (licence WTI350 / LOOQIT DATA required) and is displayed directly by this button.

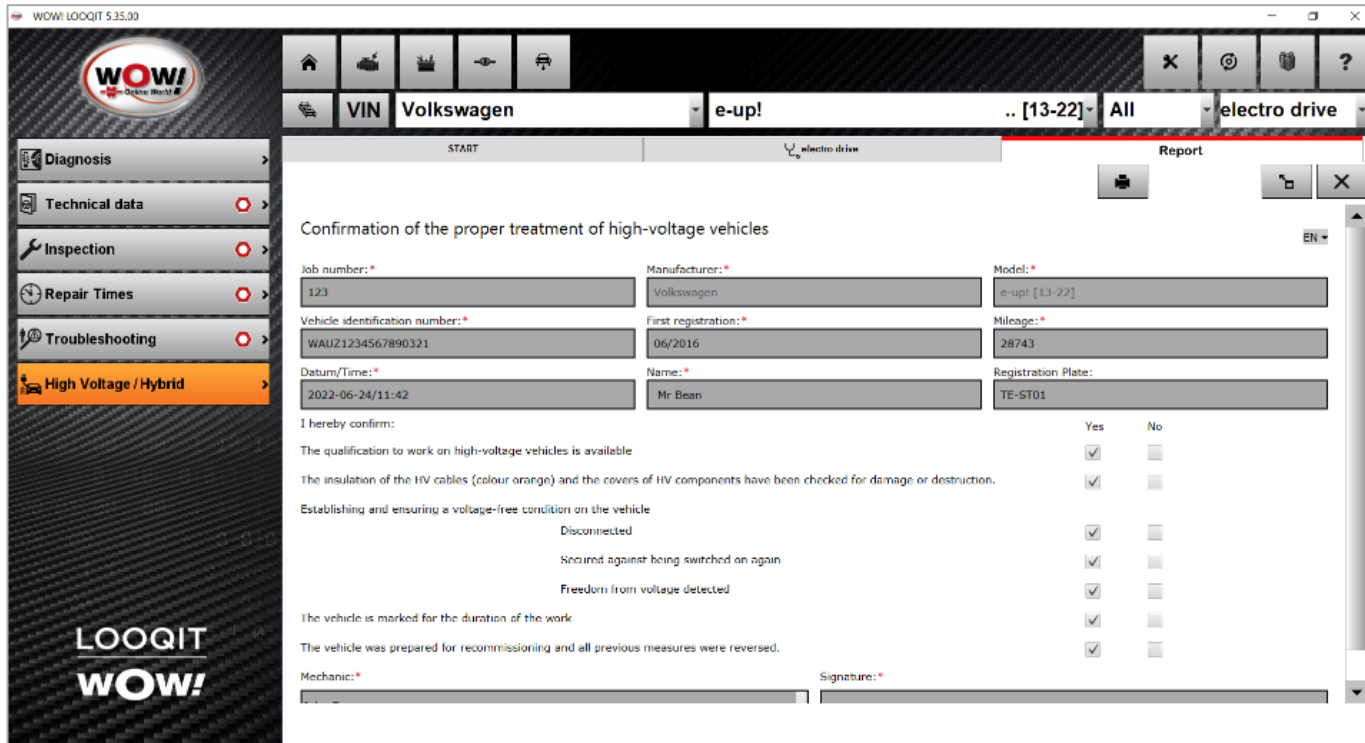


SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.35.00

FUNCTION 2:

CONFIRMATION OF THE PROPER TREATMENT OF HIGH-VOLTAGE VEHICLES



The screenshot displays the 'Confirmation of the proper treatment of high-voltage vehicles' form within the WOW! LOOQIT 5.35.00 software. The interface includes a navigation menu on the left with options like Diagnosis, Technical data, Inspection, Repair Times, Troubleshooting, and High Voltage / Hybrid. The main area contains a form with the following fields and data:

Field	Value
Job number	123
Manufacturer	Volkswagen
Model	e-up! [13-22]
Vehicle identification number	WAUZ1234567890321
First registration	06/2016
Mileage	28743
Date/Time	2022-06-24/11:42
Name	Mr Bean
Registration Plate	TE-ST01

The form also includes a confirmation section with the following items and checkboxes:

Statement	Yes	No
I hereby confirm:		
The qualification to work on high-voltage vehicles is available	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The insulation of the HV cables (colour orange) and the covers of HV components have been checked for damage or destruction.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Establishing and ensuring a voltage-free condition on the vehicle		
Disconnected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secured against being switched on again	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Freedom from voltage detected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The vehicle is marked for the duration of the work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The vehicle was prepared for recommissioning and all previous measures were reversed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

At the bottom, there are fields for 'Mechanic:' and 'Signature:'.

After the vehicle has been prepared for the follow-up work in the workshop in accordance with the applicable regulations, a form can be filled out and printed using an **online checklist**, which gives everyone **information about the condition of the vehicle**.

If a diagnostic system scan has already been carried out, data such as chassis number and mileage are transferred to the form.

All fields are fillable, date and time are taken from the system.

SOFTWARE UPDATE NEWS

WOW! LOOQIT 5.35.00

FUNCTION 2:

CONFIRMATION OF THE PROPER TREATMENT OF HIGH-VOLTAGE VEHICLES

Print out the form, staple it to the workshop order or clip it under the windscreen wiper of the vehicle to be worked on. **Everyone will be informed about the status of the high-voltage work.**

This new button can do even more, the upcoming WOW! LOOQIT versions will have more functions ready.

Confirmation of the proper treatment of high-voltage vehicles

Inh number: 123	Manufacturer: Volkswagen	Model: e-up! [13-22]
Vehicle identification number: WAUZ1234567890321	First registration: 06/2016	Mileage: 28743
Datum/Time: 2022-06-24/11:42	Name: Mr Bean	Registration Plate: TE-ST01

I hereby confirm:

	Yes	No
The qualification to work on high-voltage vehicles is available	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The insulation of the HV cables (colour orange) and the covers of HV components have been checked for damage or destruction.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Establishing and ensuring a voltage-free condition on the vehicle		
Disconnected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Freedom from voltage detected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The vehicle is marked for the duration of the work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The vehicle was prepared for recommissioning and all previous measures were reversed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Mechanic: John Doe

Signature:

SECURITY GATEWAY PORTAL



SECURITY GATEWAY PORTAL (SGP)

WOW! LOOQIT 5.35.00

VW AG Security Gateway has been available since update 5.34.00 in March 2022.

VW AG uses the term "SFD" (Protection Vehicle Diagnostics – Schutz Fahrzeug Diagnose) for protected access to various functions within the vehicles

Vehicles currently affected

Audi

- Audi A3 20-
- Audi Q4 e-tron 21-

Cupra

- Cupra Leon IV 20-
- Cupra Formentor 21-
- Cupra Born 22-

Seat

- Seat Leon IV 20-

Skoda

- Skoda Octavia IV 20-
- Skoda Enyaq 21-

VW

- VW ID.3 20-
- VW ID.4 21-
- VW Golf VIII 20-
- VW Caddy V 21-
- VW Transporter T7 22-
- VW Multivan T7 22-



SGP – AVAILABLE BRANDS

WOW! LOOQIT 5.35.00

All available security gateway vehicle brands are listed in the **SGP (Security Gateway Portal)** Dashboard.

You have to “Enable” each brand as you like to use within the LOOQIT software.

NEW: VW AG

Audi

Seat

Skoda

VW

FCA

Alfa Romeo

Fiat

Jeep

Lancia

MERCEDES

Mercedes

Smart

More information:

www.wow-portal.com/securitygateway_en

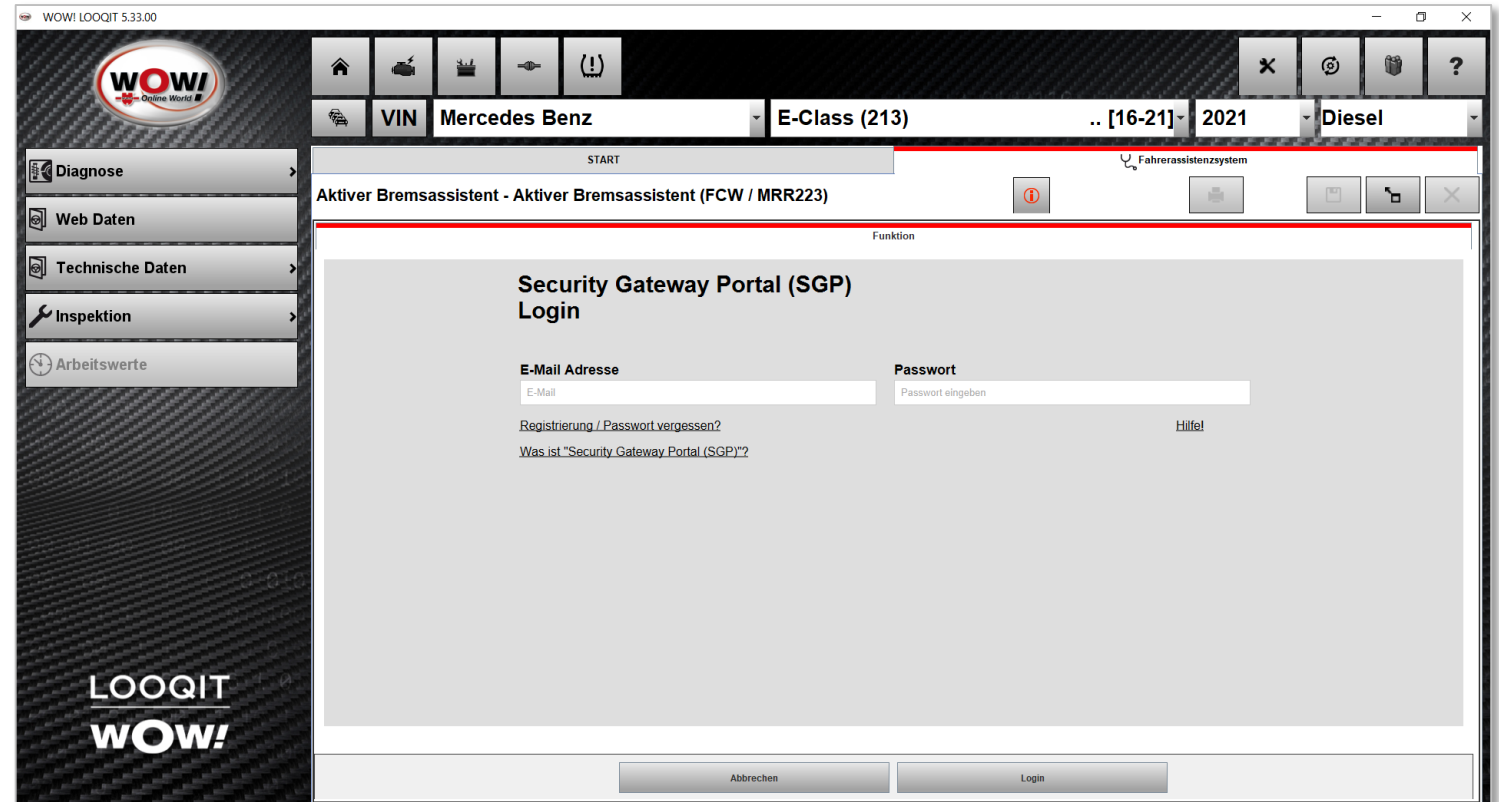
SGP – FUNCTIONALITY

WOW! LOOQIT 5.35.00

During diagnosis with a security gateway protected vehicle a connection screen appears, where you can log in with your specified SGP user name (email address) and password.



Detailed instructions can be found in the [SGP user guide](#) on the website.



More information:

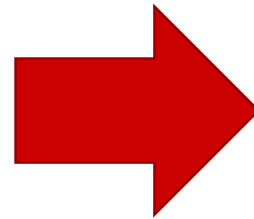
www.wow-portal.com/securitygateway_en

SGP – IMPORTANCE FOR THE WORKSHOP

WOW! LOOQIT 5.35.00

(Multi-brand) workshops need a competent partner who can provide easy access to security gateway protected vehicles.

- More and more manufacturers are using security gateway systems in their vehicles
- Each manufacturer has its own access requirements.
- Each user must register and log on to different systems.
- Access to SGW-protected systems from the manufacturers is partly only possible via approved, certified diagnostic software such as WOW!



WOW! is the competent partner who helps to stop the chaos before it starts! The solution is called **WOW! Security Gateway Portal (SGP).**

- All available manufacturers are grouped together on the Security Gateway Portal.
- WOW! takes over the access negotiations with the manufacturers.
- WOW! customer only has to log on to the SGP (Security Gateway Portal) to be able to process all available manufacturers.
- One-time authentication on the portal for all manufacturers.

SGP – BENEFITS FOR THE WORKSHOP

WOW! LOOQIT 5.35.00



Everyday work

Many manufacturers under one roof

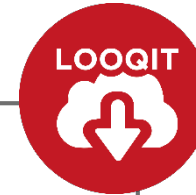
For manufacturer-independent and multi-brand working on vehicles secured with security gateway systems.



Authentication

Simple and unique from the start

One-time authentication of only one responsible person as well as easy addition of further users.



User interface

Familiar but still new

Familiar and consistent user interface with well-known terms in the LOOQIT software.



All-inclusive

Added value at no extra cost

No additional costs when using a valid diagnostic license.

More information:

www.wow-portal.com/securitygateway_en



WOW! WÜRTH ONLINE WORLD GMBH

WOW! Würth Online World GmbH

Schliffenstrasse 22
74653 Künzelsau - Gaisbach
Germany

Phone +49 7940 98188-0
Fax +49 7940 98188-1099
info@wow-portal.com
www.wow-portal.com



[Website](#)

www.wow-portal.com



[YouTube](#)

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