



VEHICLE DIAGNOSIS & TECHNICAL DATA UPDATE 5.34.00

2022-03-29

[Technical data update](#)

[Diagnosis update](#)

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



TECHNICAL DATA UPDATE






TECHNICAL DATA UPDATE

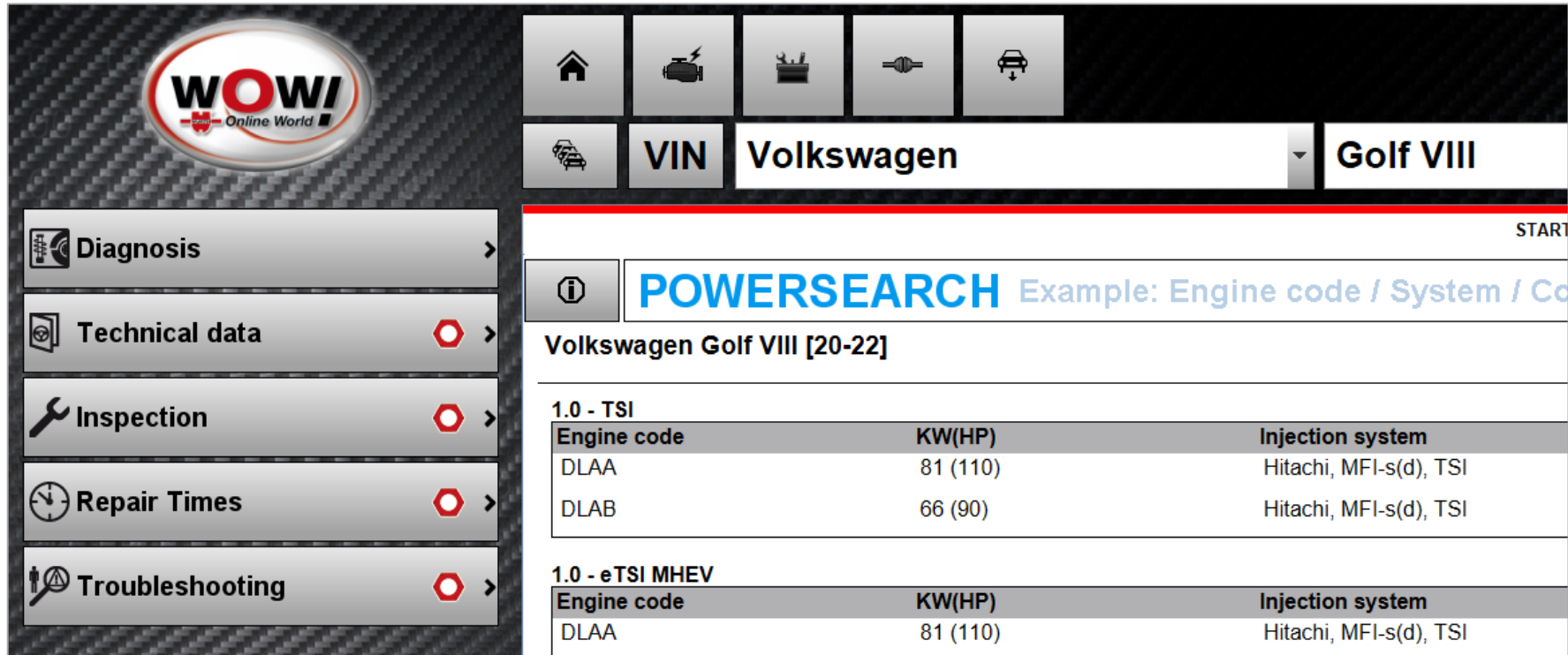
WOW! LOOQIT 5.34.00

- The update contains data for **65 vehicle manufacturers**
- **845 vehicle** and **model variants** are provided with **new features** and **improvements**
- There are a total of **61,525 adapted** and **new documents**
 - 21,608 changed or adapted
 - 39,917 new
- **29 document types** are included in the update, e.g. component location, connector location, manuals, service guide

TECHNICAL DATA UPDATE

WOW! LOOQIT 5.34.00

 All new content is available in the WOW! LOOQIT software by the **"technical data symbol"**



The screenshot shows the software interface with a sidebar on the left containing navigation options: Diagnosis, Technical data (highlighted with a red circle), Inspection, Repair Times, and Troubleshooting. The main area displays the 'POWERSEARCH' function for a Volkswagen Golf VIII [20-22].

Navigation icons at the top include Home, Battery, Engine, Transmission, and Car. The VIN field is set to 'Volkswagen' and the model to 'Golf VIII'. A 'START' button is visible in the top right of the main area.

The search results are organized into two sections:

- 1.0 - TSI**

Engine code	KW(HP)	Injection system
DLAA	81 (110)	Hitachi, MFI-s(d), TSI
DLAB	66 (90)	Hitachi, MFI-s(d), TSI
- 1.0 - eTSI MHEV**

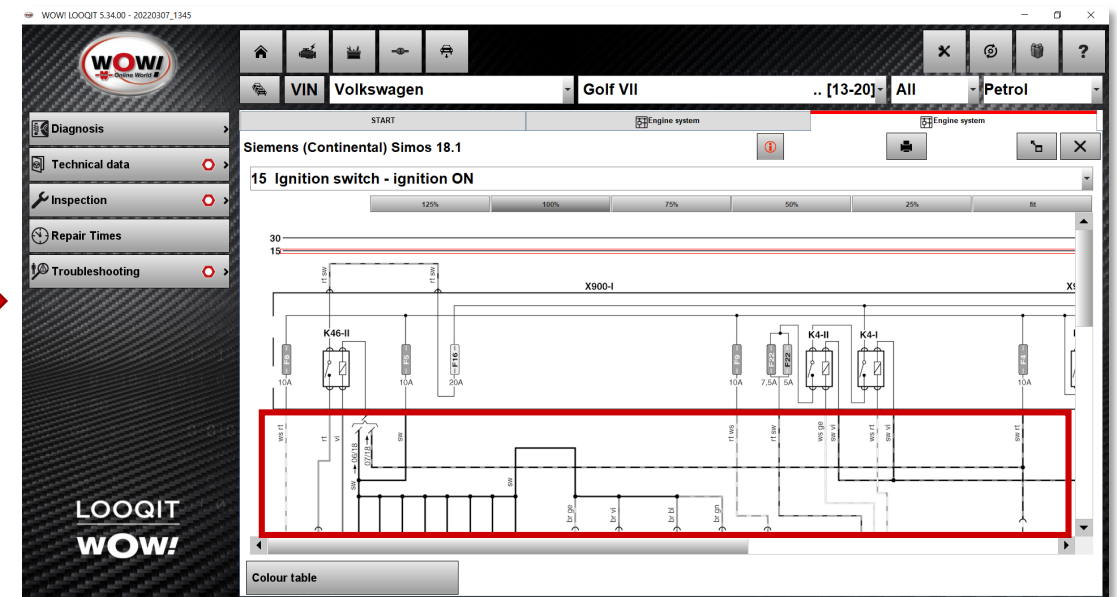
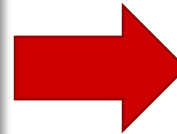
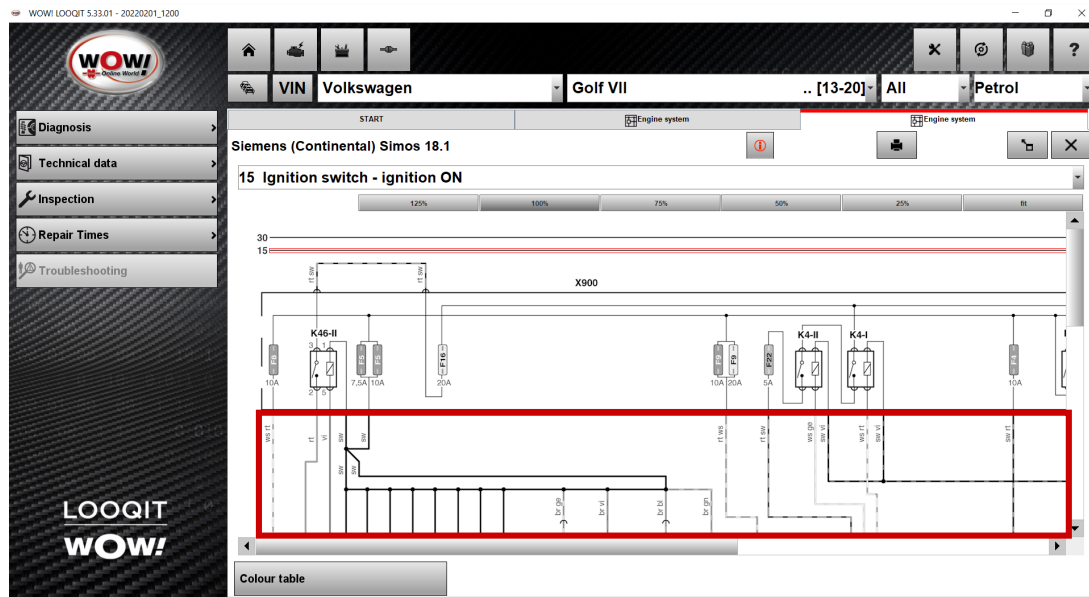
Engine code	KW(HP)	Injection system
DLAA	81 (110)	Hitachi, MFI-s(d), TSI

TECHNICAL DATA UPDATE

WOW! LOOQIT 5.34.00

Example of "modified and adapted" information

VW Golf VII, DHGA engine, wiring diagram (old / new)

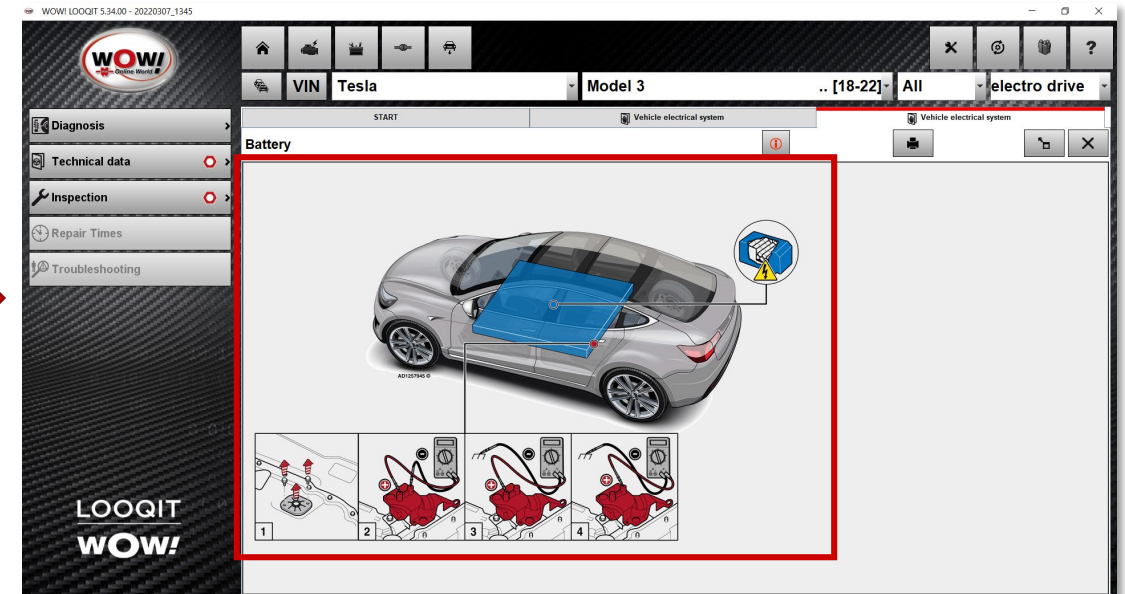
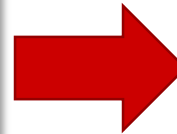
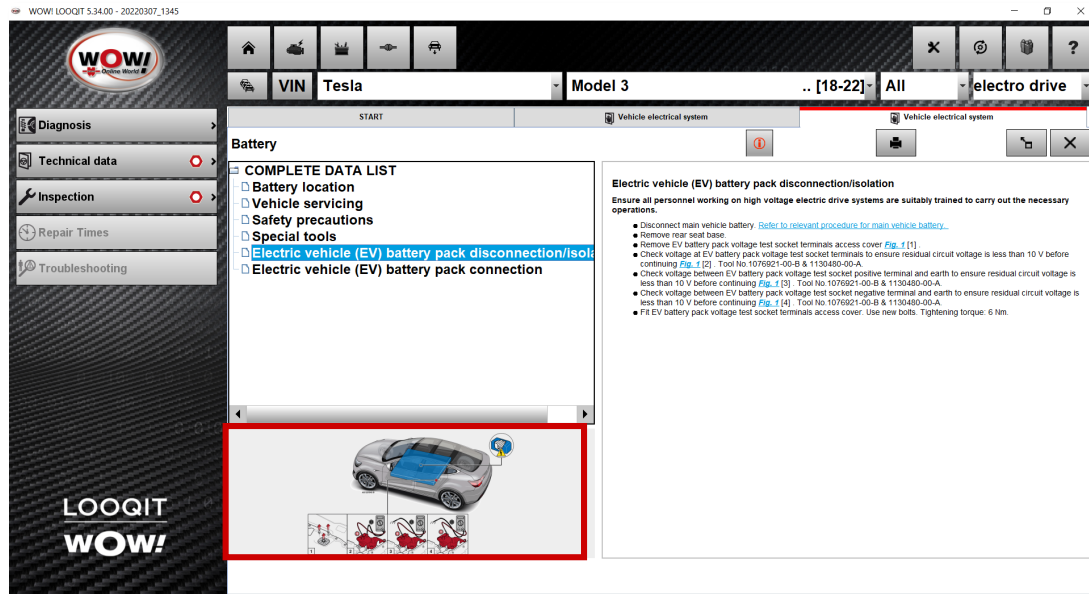


TECHNICAL DATA UPDATE

WOW! LOOQIT 5.34.00

Example for „NEW“ information

Tesla Model 3, Traction battery disconnection / insulation



DIAGNOSIS UPDATE



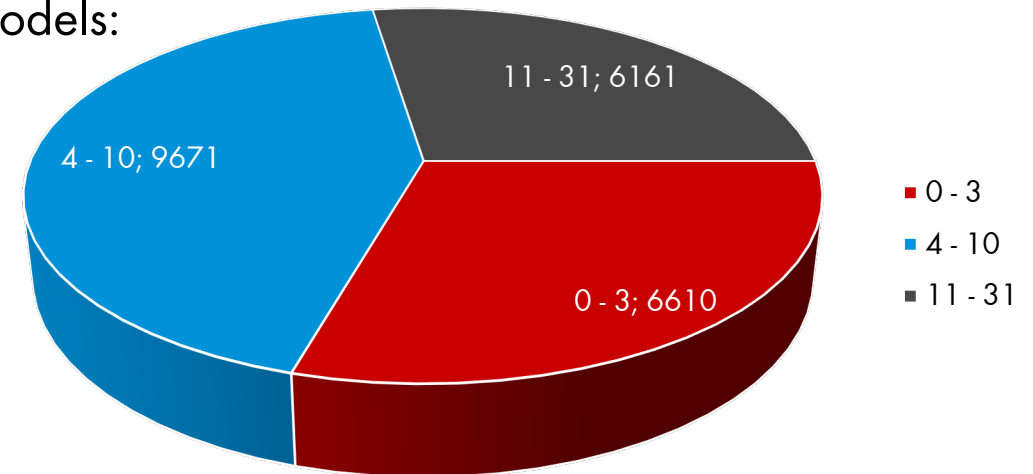
DIAGNOSIS UPDATE

WOW! LOOQIT 5.34.00

- **70 manufacturers** with 1,472 different models. Extended to the motorization, this means:
 - 8,171 petrol variants
 - 5,682 diesel variants
 - 191 electric models
- We provide new diagnostic data across 31 model years. As with every update, the focus of development is on new and "middle-aged" models:

Age	Functions	%
0 - 3	6,610	29.45%
4 - 10	9,671	43.09%
11 - 31	6,161	27.45%

Vehicle age / Update share



DIAGNOSIS UPDATE

WOW! LOOQIT 5.34.00

The systems with the greatest growth are again:

Electric vehicles with 9.9%



ADAS calibration with 4.5%



DIAGNOSIS UPDATE

WOW! LOOQIT 5.34.00

Overview new models

Audi

- Audi e-tron GT (2021-)
- Audi Q4 e-tron (2021-)

BMW

- BMW iX3 [G08] (2021-)

Citroen

- Citroen C4 (2020-)

Fiat

- Fiat 500E (2020-)

Ford

- Ford Mustang Mach-E (2021-)

Honda

- Honda Jazz (2020-)

Mercedes

- Mercedes C-Class [W206] (2021-)
- Mercedes SL [R232] (2022-)

Skoda

- Skoda Enyaq (2021-)

Suzuki

- Suzuki Baleno (2015-2020)

DIAGNOSIS UPDATE

WOW! LOOQIT 5.34.00

OBFCM – On Board Fuel Consumption Monitoring

EU Regulation 2017/11511

- Car manufacturers must ensure that passenger cars are equipped with a fuel/electricity consumption monitoring device. The "on-board fuel/electricity consumption monitoring device"
- OBFCM is defined as a design element (software and/or hardware).
 - It provides standardised and unrestricted access to the vehicle identification number (VIN) (static value)
 - Data from practical driving operation over the entire life of the vehicle (dynamic)

Obligation to fit an in-vehicle monitoring device for fuel/electricity consumption

- from 1 January 2021 for all newly registered vehicles in category M1
- since 1 January 2022 for all newly registered vehicles of category N1

Currently, the requirements only apply to vehicles with internal combustion engines and plug-in hybrid vehicles that run on diesel, biodiesel, petrol or ethanol.

DIAGNOSIS UPDATE

OBFCM – WITH WOW! LOOQIT 5.34.00 AVAILABLE

WOW! LOOQIT 5.34.00

Diagnose Web Daten Technische Daten Inspektion Arbeitswerte

VIN - Hersteller - - Modell - - Bj - - Kraftstoff -

START Motorsystem 11.52 V

EOBD Systemstatus \$01

Anzahl der gespeicherten Fehlercodes: 0
 Status der überwachten Komponenten: nOk
 Protokollname: ISO 15765-4 (CAN 29-500)
 Fahrzeugidentifikation (\$09\$01): 3C4NJDCH2LT178012

Ständig überwachte Komponenten		
Beschreibung	überwacht	Status
\$10 Fehlzündungen bereit	Ja	Ja
\$10 Kraftstoff-System bereit	Ja	Ja

Nicht ständig überwachte Komponenten		
Beschreibung	überwacht	Status
\$10 Katalysator bereit	Ja	Nein
\$10 Vorerwärmter Katalysator bereit	Nein	Nicht verfügbar
\$10 EVAP bereit	Nein	Nicht verfügbar
\$10 Sekundärluftsystem bereit	Nein	Nicht verfügbar

Steuergeräte

Beschreibung

- (\$10) Motorsteuerung
- (\$18) Antriebssteuerung

MIL-Status

Umgebungsdaten
 Sauerstoffsensoren
 Monitore
 Fahrzeugdaten
OBFCM

Systemstatus Fehlerspeicher > Datenlisten > Funktion >

LOOQIT WOW!



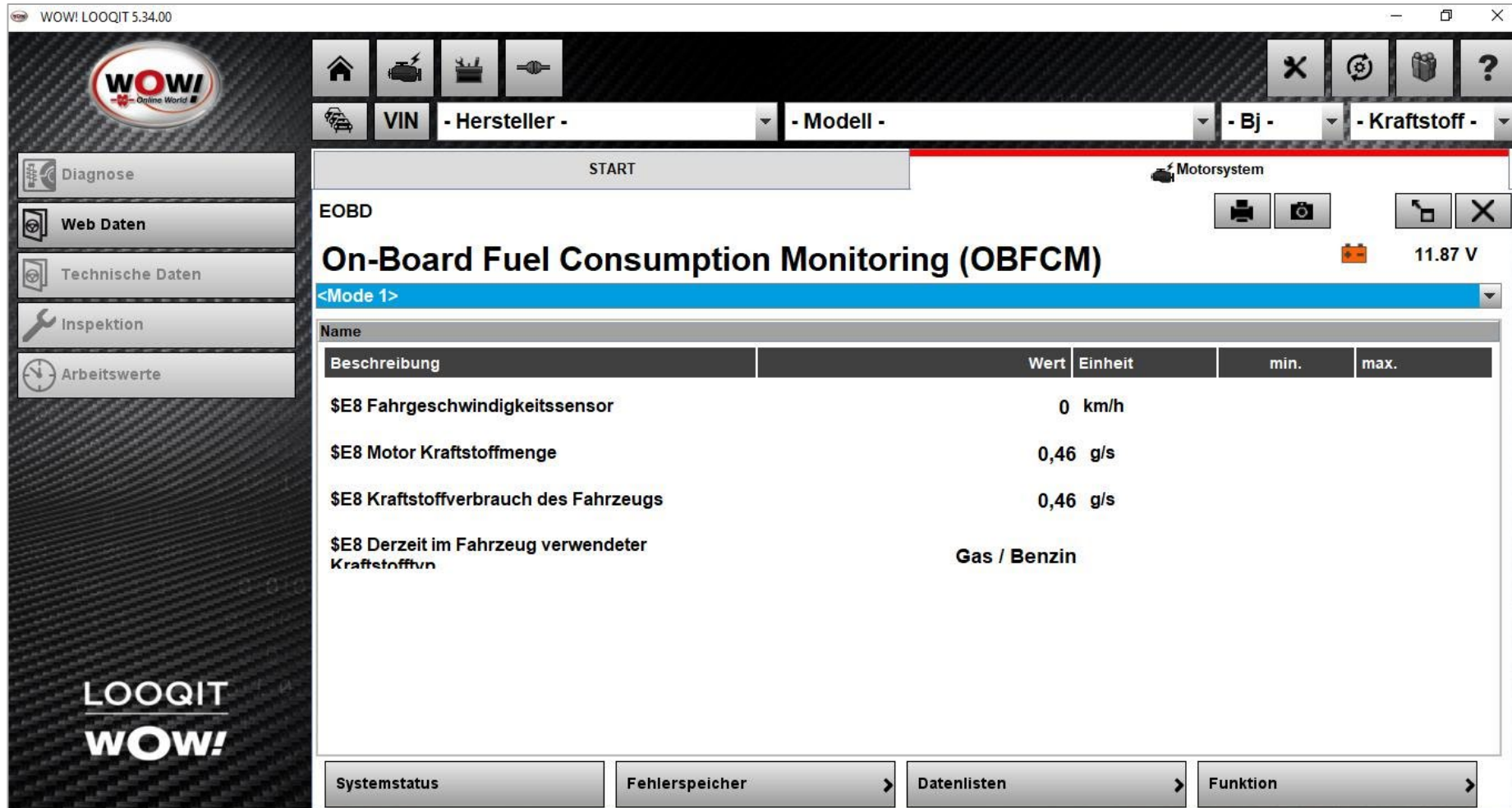
DIAGNOSIS UPDATE

OBFCM – WITH WOW! LOOQIT 5.34.00 AVAILABLE

The screenshot displays the diagnostic software interface for WOW! LOOQIT 5.34.00. The main window is titled "WOW! LOOQIT 5.34.00". The interface features a sidebar on the left with navigation options: Diagnose, Web Daten, Technische Daten, Inspektion, and Arbeitswerte. The top navigation bar includes icons for home, car, printer, and connection, along with a search icon. Below this are dropdown menus for VIN, Hersteller, Modell, Bj, and Kraftstoff. The main content area shows the "On-Board Fuel Consumption Monitoring (OBFCM)" screen. The screen title is "On-Board Fuel Consumption Monitoring (OBFCM)" with a battery icon and "11.52 V" displayed. Below the title is a dropdown menu with the text "--- bitte wählen ---" and a list of modes: "<Mode 1>" and "<Mode 9>". The bottom of the screen has a navigation bar with buttons for Systemstatus, Fehlerspeicher, Datenlisten, and Funktion.

DIAGNOSIS UPDATE

OBFCM – WITH WOW! LOOQIT 5.34.00 AVAILABLE



WOW! LOOQIT 5.34.00

Diagnose

Web Daten

Technische Daten

Inspektion

Arbeitswerte

LOOQIT
WOW!

START

Motorsystem

11.87 V

On-Board Fuel Consumption Monitoring (OBFCM)

<Mode 1>

Name	Beschreibung	Wert	Einheit	min.	max.
\$E8	Fahrgeschwindigkeitssensor	0	km/h		
\$E8	Motor Kraftstoffmenge	0,46	g/s		
\$E8	Kraftstoffverbrauch des Fahrzeugs	0,46	g/s		
\$E8	Derzeit im Fahrzeug verwendeter Kraftstofftyp		Gas / Benzin		

Systemstatus Fehlerspeicher > Datenlisten > Funktion >



DIAGNOSIS UPDATE

OBFCM – WITH WOW! LOOQIT 5.34.00 AVAILABLE

The screenshot shows the WOW! LOOQIT 5.34.00 software interface. The main window displays the 'On-Board Fuel Consumption Monitoring (OBFCM)' screen. The interface includes a top navigation bar with icons for home, engine, transmission, and steering. Below this is a search bar with fields for VIN, Hersteller, Modell, Bj, and Kraftstoff. The main content area shows the 'START' button, 'Motorsystem' icon, and a battery voltage reading of 11.87 V. A table displays the following data:

Name	Steuergerät	Beschreibung	Wert	Einheit
	\$E8	Vehicle Identification Number	WF0PXXGCHPLB21527	

The bottom of the interface features a navigation bar with buttons for Systemstatus, Fehlerspeicher, Datenlisten, and Funktion.

SECURITY GATEWAY PORTAL



SECURITY GATEWAY PORTAL (SGP)

WOW! LOOQIT 5.34.00

VW AG Security Gateway with 5.34.00 available

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-

Seat

- Skoda Octavia IV 20-
- Skoda Enyaq 21-

Skoda

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

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 5.34.00

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

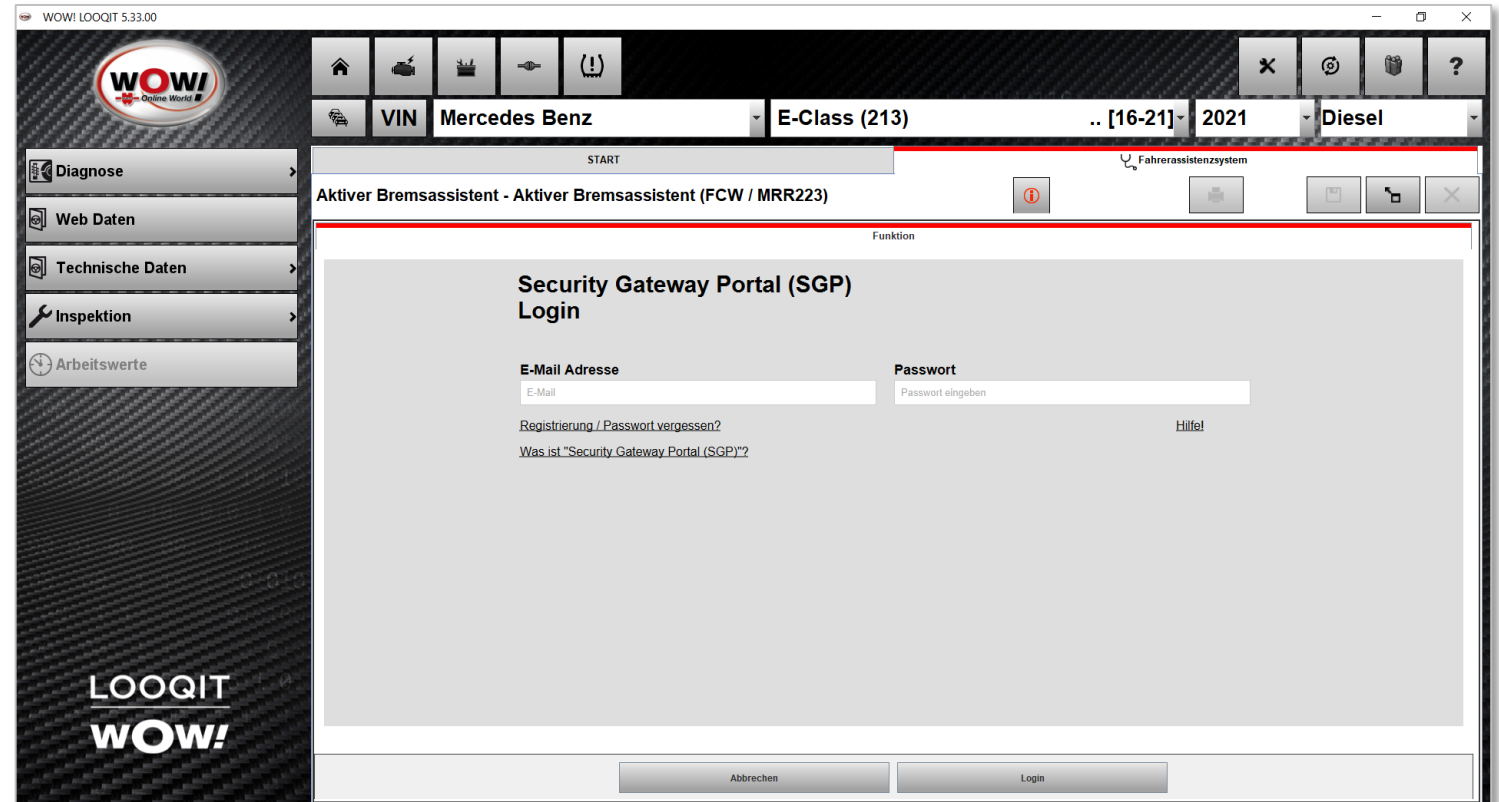
SGP – FUNKTIONALITÄT

WOW! LOOQIT 5.34.00

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:

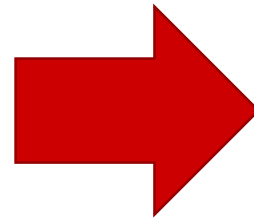
www.wow-portal.com/securitygateway_en

SPG – IMPORTANCE FOR THE WORKSHOP

WOW! LOOQIT 5.34.00

(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!

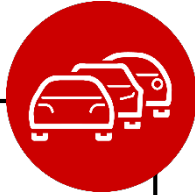


WOW! is the competent partner who helps to stop the chaos before it starts! The solution is called **WOW! Security Gateway Portal (SGP).**

- 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 5.34.00



Everyday work

Many manufacturers under one roof

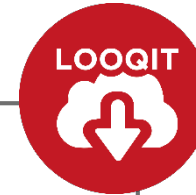
For manufacturer-independent and multi-brand working on vehicles secured with security gateway systems.



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



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