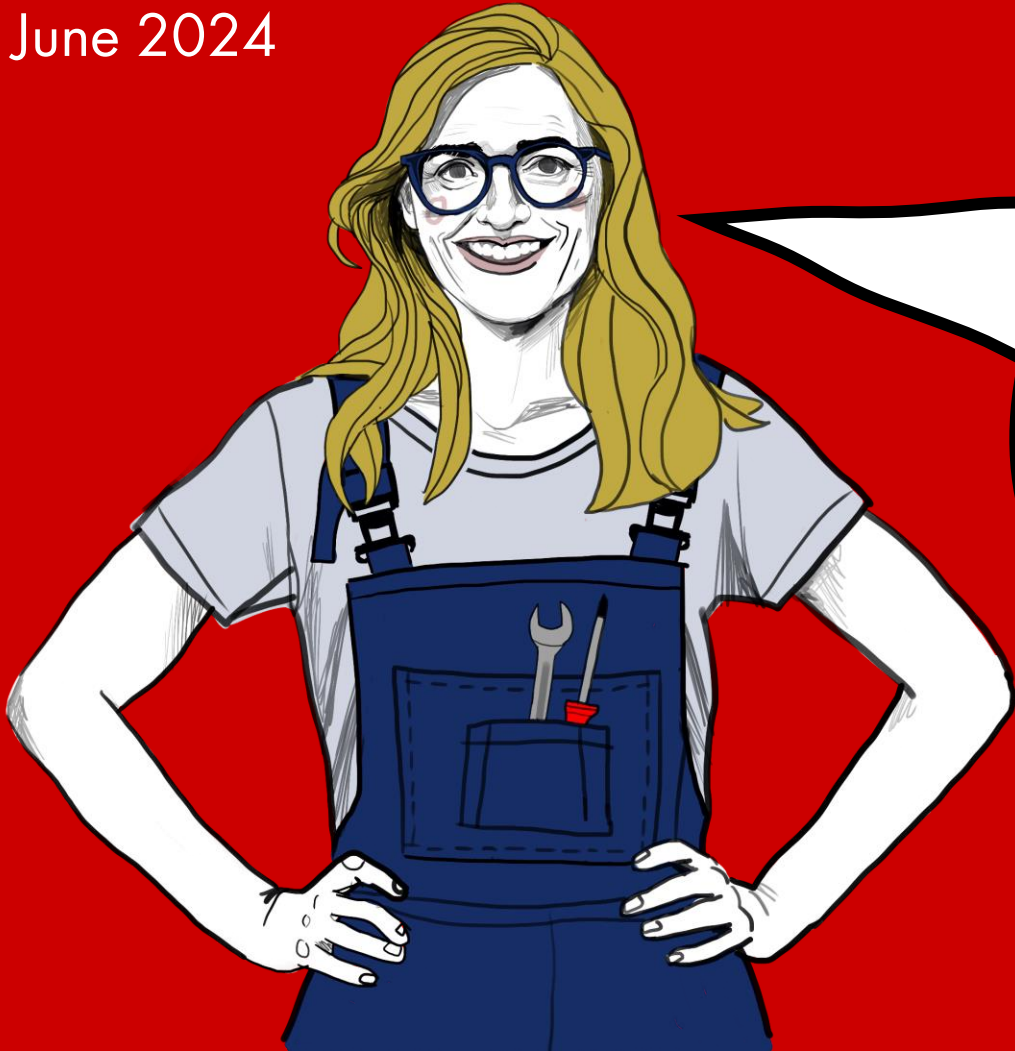


# POWER PERFORMANCE DIAGNOSTIC UPDATE

VERSION 5.40.00



June 2024



The update delivers **a lot of power for your daily workshop routine!**

- **Tripling** the number of **vehicle models** with **Power Scan**.
- **Improved software performance** and display options **with the new browser version**.
- **New EOBD design** and **new Support Button** ensure better visibility.
- The vehicle manufacturers **Polestar, Volvo, Renault & Dacia** and **IVECO** are now available in the **Security Gateway Portal**.

**#FAHRZEUG  
VERSTEHER**

# **IMPROVED SOFTWARE PERFORMANCE**



# IMPROVED SOFTWARE PERFORMANCE WITH THE NEW BROWSER VERSION

Browser-based technologies are used to display the internal data content. The display and behavior of technical data, diagnostic processes or web-based information depend on the performance of the browser version. This software version introduces a **new browser version** that **improves the software performance**.

**You can now look forward to the following improvements in your daily work:**

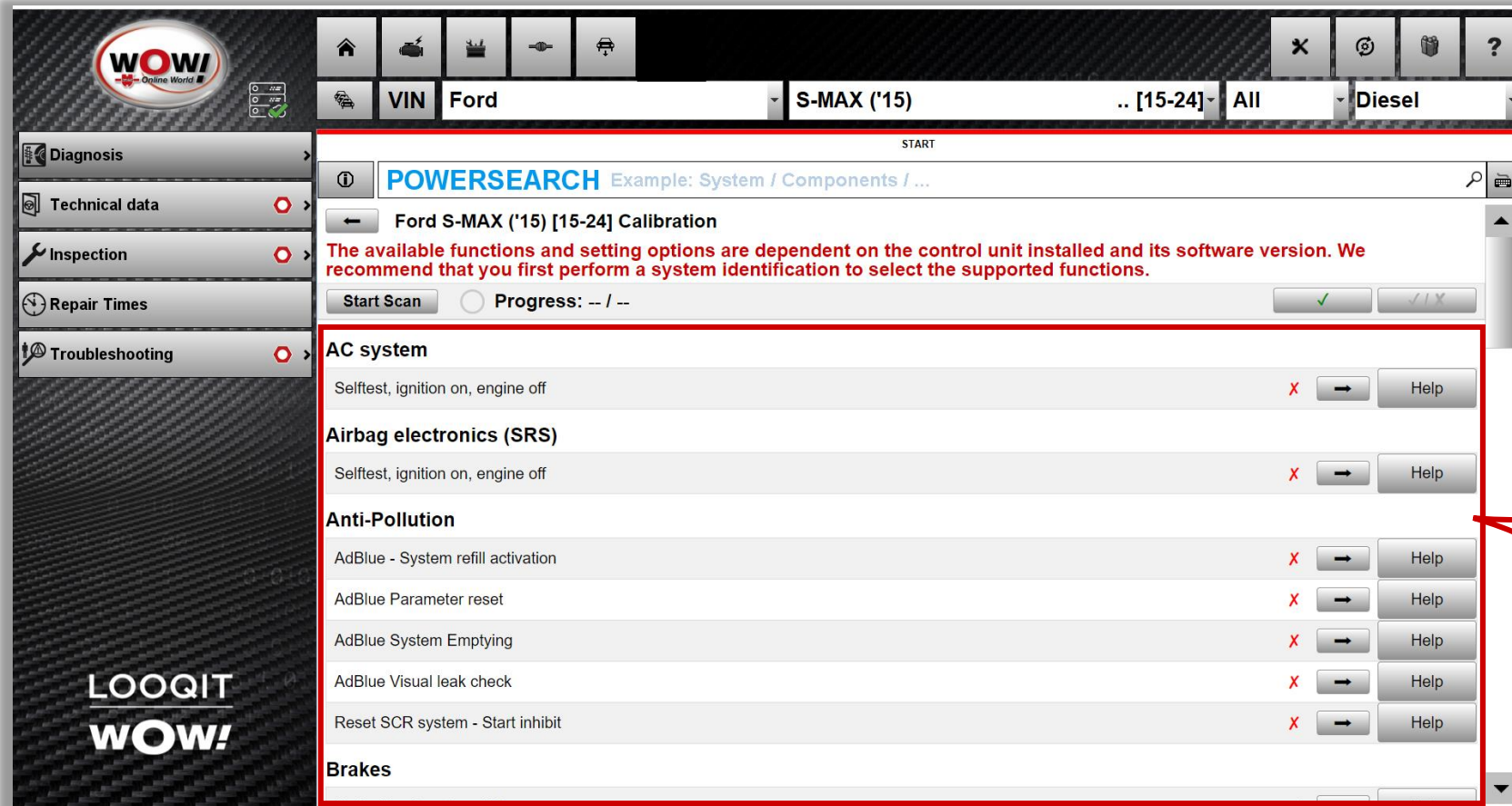
- **Cookies are no longer requested** again after saving.
- Page **loading times are shorter**.
- The **display options** are **significantly improved**.



## **WOW! TIP: ENLARGE THE FONT IN THE SOFTWARE FOR BETTER READABILITY**

If you adjust the **scaling of the screen resolution** in your display settings on the diagnostic PC, the **texts in the diagnostic software** will also be displayed larger.

# IMPROVED SOFTWARE PERFORMANCE WITH THE NEW BROWSER VERSION



**POWERSEARCH** Example: System / Components / ...

Ford S-MAX ('15) [15-24] Calibration

The available functions and setting options are dependent on the control unit installed and its software version. We recommend that you first perform a system identification to select the supported functions.

Start Scan Progress: -- / --

**AC system**

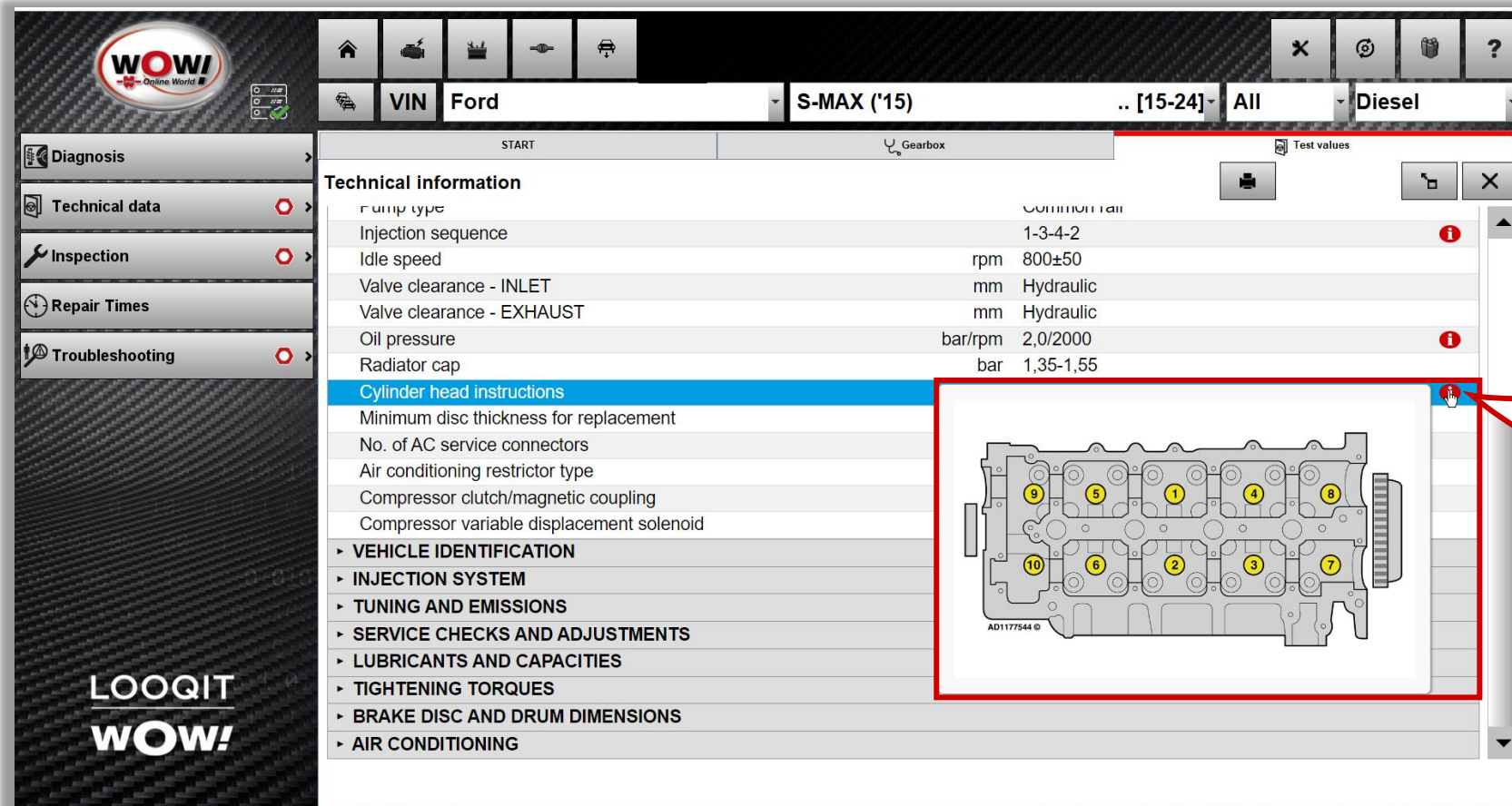
Selftest, ignition on, engine off	X	→	Help
<b>Airbag electronics (SRS)</b>			
Selftest, ignition on, engine off	X	→	Help
<b>Anti-Pollution</b>			
AdBlue - System refill activation	X	→	Help
AdBlue Parameter reset	X	→	Help
AdBlue System Emptying	X	→	Help
AdBlue Visual leak check	X	→	Help
Reset SCR system - Start inhibit	X	→	Help
<b>Brakes</b>			

**Clearer display of the individual functions** due to a **color differentiation** of the lines (grey/white).



# IMPROVED SOFTWARE PERFORMANCE

## WITH THE NEW BROWSER VERSION



The screenshot shows the WOW! software interface with the following details:

- Header:** VIN: Ford, S-MAX ('15), .. [15-24], All, Diesel
- Left Sidebar:** Diagnosis, Technical data, Inspection, Repair Times, Troubleshooting
- Technical information table:**

Parameter	Value	Unit	Notes
Pump type	Common rail		
Injection sequence	1-3-4-2		
Idle speed	800±50	rpm	
Valve clearance - INLET	Hydraulic	mm	
Valve clearance - EXHAUST	Hydraulic	mm	
Oil pressure	2,0/2000	bar/rpm	
Radiator cap	1,35-1,55	bar	
- Cylinder head instructions:**
  - Minimum disc thickness for replacement
  - No. of AC service connectors
  - Air conditioning restrictor type
  - Compressor clutch/magnetic coupling
  - Compressor variable displacement solenoid
- Vehicle Identification System (VIS) menu:**
  - VEHICLE IDENTIFICATION
  - INJECTION SYSTEM
  - TUNING AND EMISSIONS
  - SERVICE CHECKS AND ADJUSTMENTS
  - LUBRICANTS AND CAPACITIES
  - TIGHTENING TORQUES
  - BRAKE DISC AND DRUM DIMENSIONS
  - AIR CONDITIONING
- Diagram:** A technical drawing of a cylinder head with 10 numbered points (1-10) indicating specific areas of interest.

No clicking necessary:  
The **existing additional information** is displayed even faster. If the cursor is moved over the button (red "i") with the mouse, the information behind it is **displayed immediately**.

# **POWER SCAN WITH EVEN MORE POWER**



# POWER SCAN

## TRIPLING THE NUMBER OF VEHICLE MODELS

With **Power Scan**, you can **read** out all **control units at the touch of a button** in the shortest time possible. The functions also offer you various scan variants (e.g. service acceptance, inspection, complete check or function scan).

### Vehicle coverage with Power Scan

<b>Total number of vehicle models</b> in the diagnostic database	<b>1,572</b>
Number of vehicle brands with <b>Power Scan up to update 5.40.00</b>	<b>290</b>
Number of vehicle models with <b>Power Scan from update 5.40.00</b>	<b>908</b>

### Example Fiat 500X

Vehicle brands with Power Scan <b>up tp update 5.40.00</b>	year of construction <b>2015-2018</b>
Vehicle brands with Power Scan <b>from Update 5.40.00</b>	year of construction <b>2015-2023</b>

# POWER SCAN

## TRIPLING THE NUMBER OF VEHICLE MODELS

The **Power Scan** now also **covers DoIP vehicles** (Mercedes C206 C-Class) and significantly reduces your workload.



### Normalscan and Powerscan in comparison

#### Example Mercedes C206

Mercedes C206 **Normal Scan** 4 min. 45 sec.

Mercedes C206 **Power Scan** 2 min. 12 sec.



# NEW MANUFACTURERS IN THE SECURITY GATEWAY PORTAL



# SECURITY GATEWAY PORTAL

## NEW MANUFACTURERS

With this update, **five new manufacturers** will be available in the **Security Gateway Portal**.

### **VOLVO & POLESTAR**

- **Functions from vehicle model year 2021** onwards are protected via security access and will now be available on the Security Gateway Portal. Access to these vehicles in the SGP is included in an active diagnostic license

### **IVECO**

- **Additional fee-based license** enables access to restricted functions via the Security Gateway Portal.

### **RENAULT & DACIA**

- **Additional fee-based license** enables access to restricted functions via the Security Gateway Portal.
- Can only be used with the LOOQER diagnostic interface.

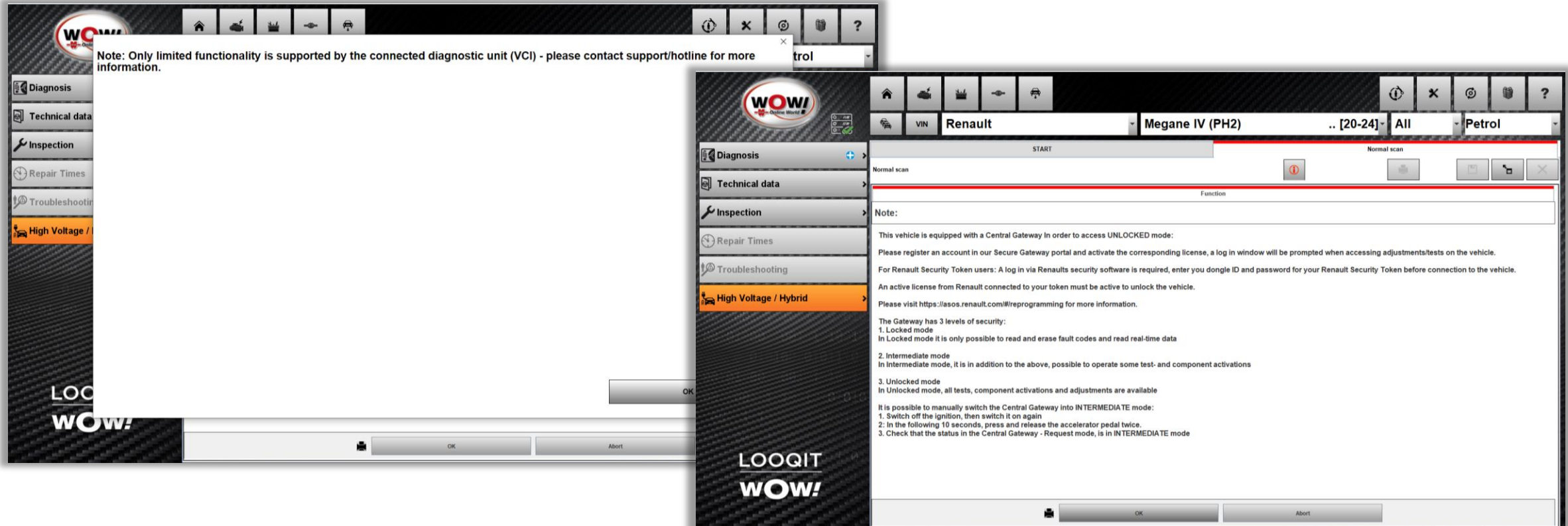


All information about the WOW! Security Gateway Portal is available at [www.wow-portal.com/securitygateway](http://www.wow-portal.com/securitygateway).

# SECURITY GATEWAY PORTAL

## NEW MANUFACTURERS– EXAMPLE RENAULT

**Example:** Note for **Security Gateway protected functions** in **Renault** vehicles.



The screenshot displays the WOW! diagnostic software interface. A pop-up window at the top left contains the following text:

Note: Only limited functionality is supported by the connected diagnostic unit (VCI) - please contact support/hotline for more information.

The main interface shows the 'Diagnosis' menu on the left. The 'High Voltage / Hybrid' option is selected. The central display area shows the 'Normal scan' results for a Renault Megane IV (PH2) with a Petrol engine. A 'Note' section provides information about the Security Gateway and its levels of security.

**Note:**

This vehicle is equipped with a Central Gateway In order to access UNLOCKED mode:  
Please register an account in our Secure Gateway portal and activate the corresponding license, a log in window will be prompted when accessing adjustments/tests on the vehicle.  
For Renault Security Token users: A log in via Renaults security software is required, enter you dongle ID and password for your Renault Security Token before connection to the vehicle.  
An active license from Renault connected to your token must be active to unlock the vehicle.  
Please visit <https://asos.renault.com/#reprogramming> for more information.

The Gateway has 3 levels of security:

1. Locked mode  
In Locked mode it is only possible to read and erase fault codes and read real-time data
2. Intermediate mode  
In Intermediate mode, it is in addition to the above, possible to operate some test- and component activations
3. Unlocked mode  
In Unlocked mode, all tests, component activations and adjustments are available

It is possible to manually switch the Central Gateway into INTERMEDIATE mode:

1. Switch off the ignition, then switch it on again
2. In the following 10 seconds, press and release the accelerator pedal twice.
3. Check that the status in the Central Gateway - Request mode, is in INTERMEDIATE mode

# SECURITY GATEWAY PORTAL

## ALL AVAILABLE VEHICLE BRANDS

All available Security Gateway vehicle brands are listed in the SGP (Security Gateway Portal) dashboard.  
**You must "activate" each brand that you want to use in the LOOQIT software.**

### VW AG

Audi

Cupra

Seat

Škoda

VW

### FCA

Alfa Romeo

Fiat

Jeep

Lancia

### NEW

Polestar

Volvo

Iveco\*

Renault\*

Dacia\*

### MERCEDES-BENZ

Mercedes

Smart



# SECURITY GATEWAY PORTAL

## ADVANTAGES AND BENEFITS FOR THE WORKSHOP

### Daily work

Many manufacturers  
under one roof



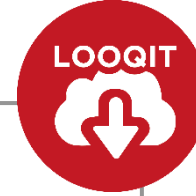
### Authentication

One time only and  
simple right from the  
start



### User interface

Very familiar and  
yet new



Instructions for  
registration and  
authentication:

TO THE MANUAL

YouTube Tutorial

ZUM VIDEO

All information

[www.wow-portal.com/securitygateway](http://www.wow-portal.com/securitygateway)



**Manufacturer-independent** and  
**cross-brand work** on  
vehicles that are secured  
with security gateway  
systems.

**One-time authentication** of only  
one authorized person  
and **easy addition of  
further users.**

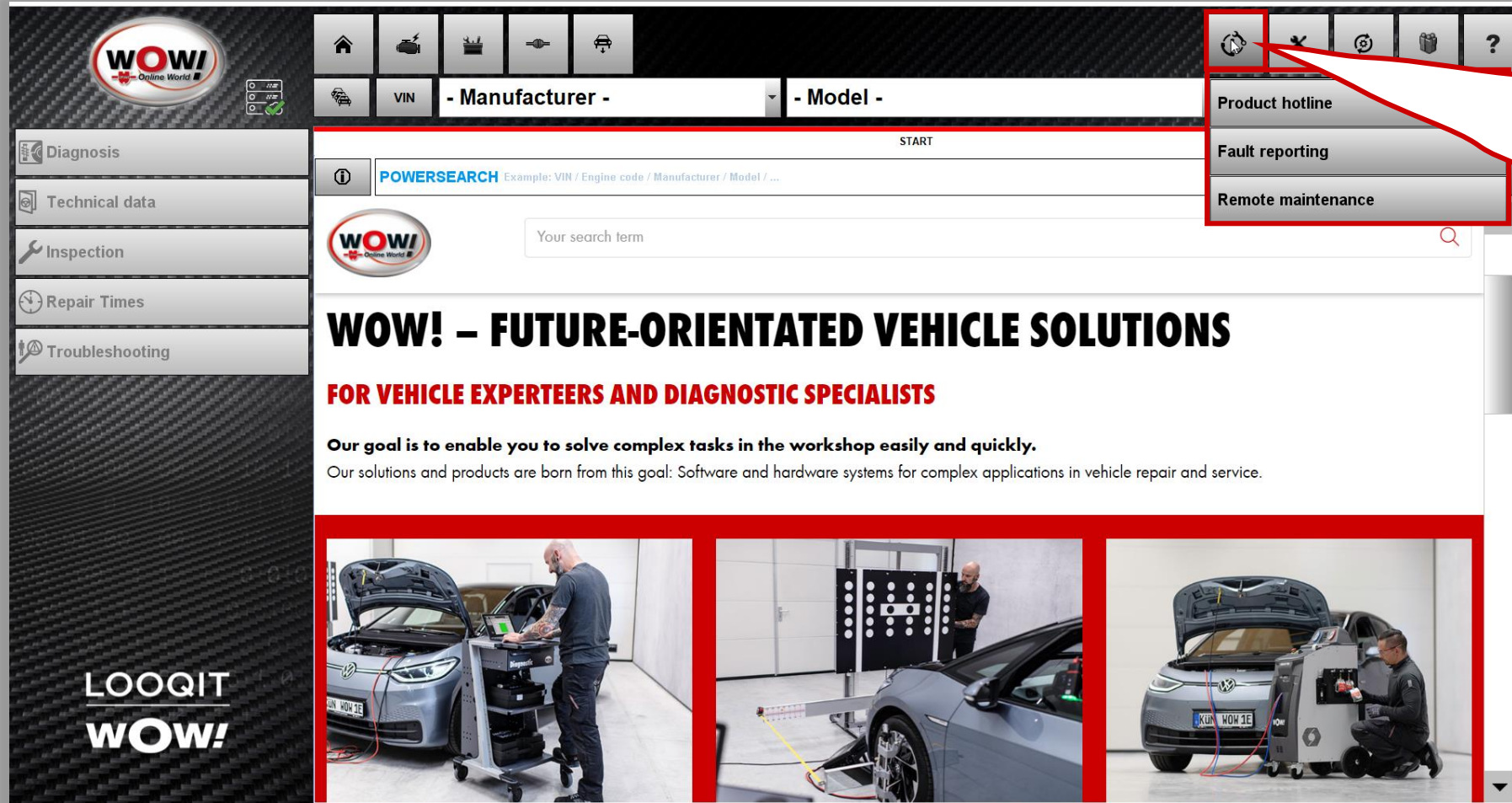
**Familiar and  
standardized user  
interface** with familiar  
terms within the LOOQIT  
software.

# **MORE ORGANISATION FOR MORE FUN AT WORK**



# MORE ORGANISATION FOR MORE FUN AT WORK

## SCHNELLER ZUM HILFEBEREICH GELANGEN



The screenshot shows the WOW! website interface. On the left is a navigation menu with links: Diagnosis, Technical data, Inspection, Repair Times, and Troubleshooting. The main header includes a WOW! logo, a home icon, and a search bar with fields for VIN, Manufacturer, and Model. A 'START' button is next to the search bar. Below the search bar is a 'POWERSEARCH' section with a search term input field. A callout box highlights a new support button in the top right corner, which provides an overview of all country-specific HELP topics. The callout lists three topics: Product hotline, Fault reporting, and Remote maintenance. Below the callout, the text 'WOW! – FUTURE-ORIENTATED VEHICLE SOLUTIONS' is displayed, followed by 'FOR VEHICLE EXPErTEERS AND DIAGNOSTIC SPECIALISTS'. A paragraph states: 'Our goal is to enable you to solve complex tasks in the workshop easily and quickly. Our solutions and products are born from this goal: Software and hardware systems for complex applications in vehicle repair and service.' At the bottom, there are three images showing a technician working on a car with a WOW! diagnostic tool.

**WOW! – FUTURE-ORIENTATED VEHICLE SOLUTIONS**

**FOR VEHICLE EXPErTEERS AND DIAGNOSTIC SPECIALISTS**

Our goal is to enable you to solve complex tasks in the workshop easily and quickly.  
Our solutions and products are born from this goal: Software and hardware systems for complex applications in vehicle repair and service.

LOOQIT  
**WOW!**

The **new support button** provides an **overview** of all **country-specific HELP topics**:

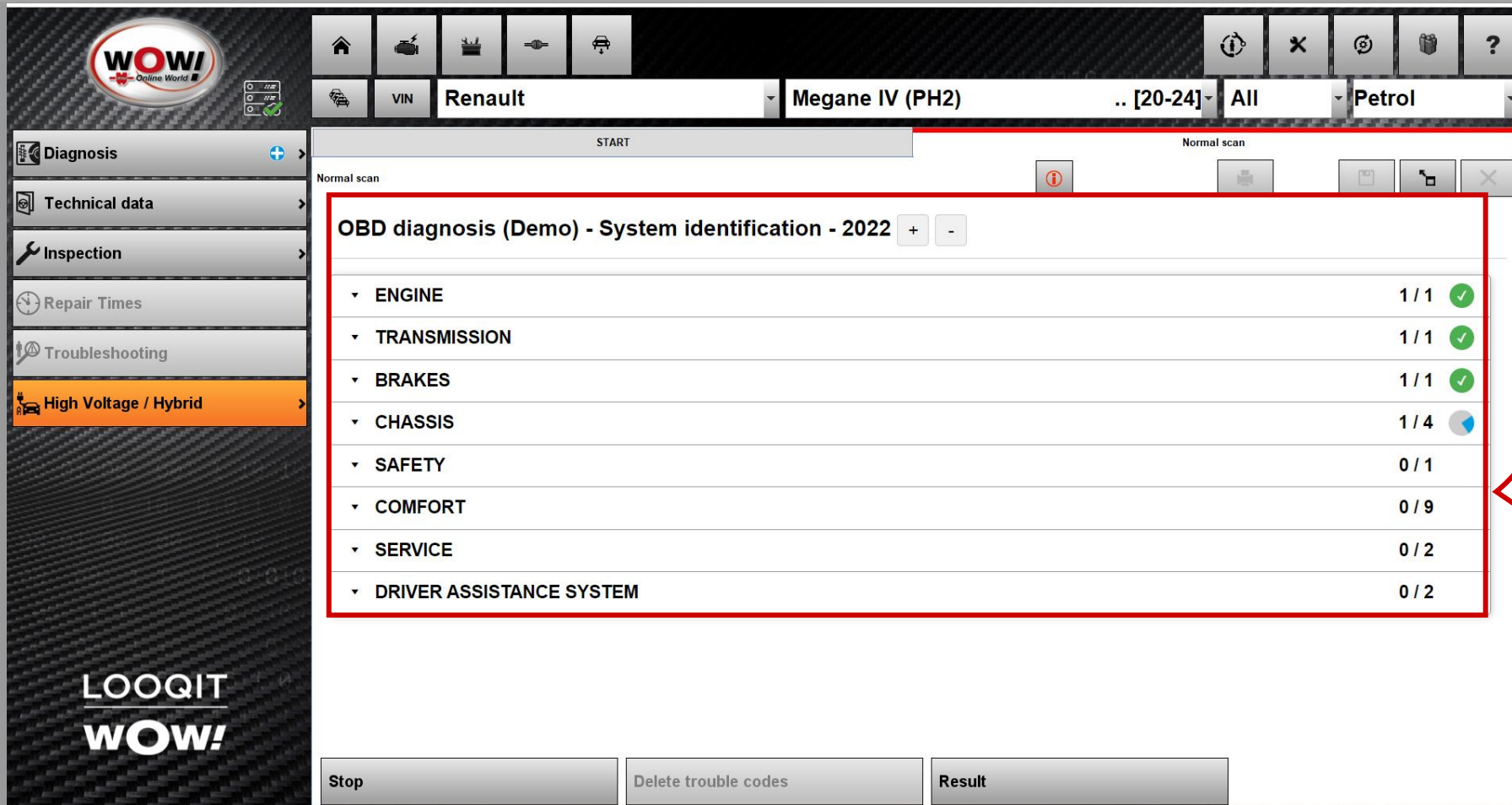
For example:

- **Product hotline**
- **Fault reporting**
- **Remote Maintenance**



# MORE ORGANISATION FOR MORE FUN AT WORK

## NORMALSCAN WITH NEW OUTFIT



WOW! Online World

VIN Renault Megane IV (PH2) .. [20-24] All Petrol

START Normal scan

OBID diagnosis (Demo) - System identification - 2022 + -

System	Tests	Status
ENGINE	1 / 1	Green
TRANSMISSION	1 / 1	Green
BRAKES	1 / 1	Green
CHASSIS	1 / 4	Blue
SAFETY	0 / 1	Red
COMFORT	0 / 9	Red
SERVICE	0 / 2	Red
DRIVER ASSISTANCE SYSTEM	0 / 2	Red

Stop Delete trouble codes Result

LOOQIT WOW!

The **normal scan** has a new structure and a **clearer interface**.

### What's new:

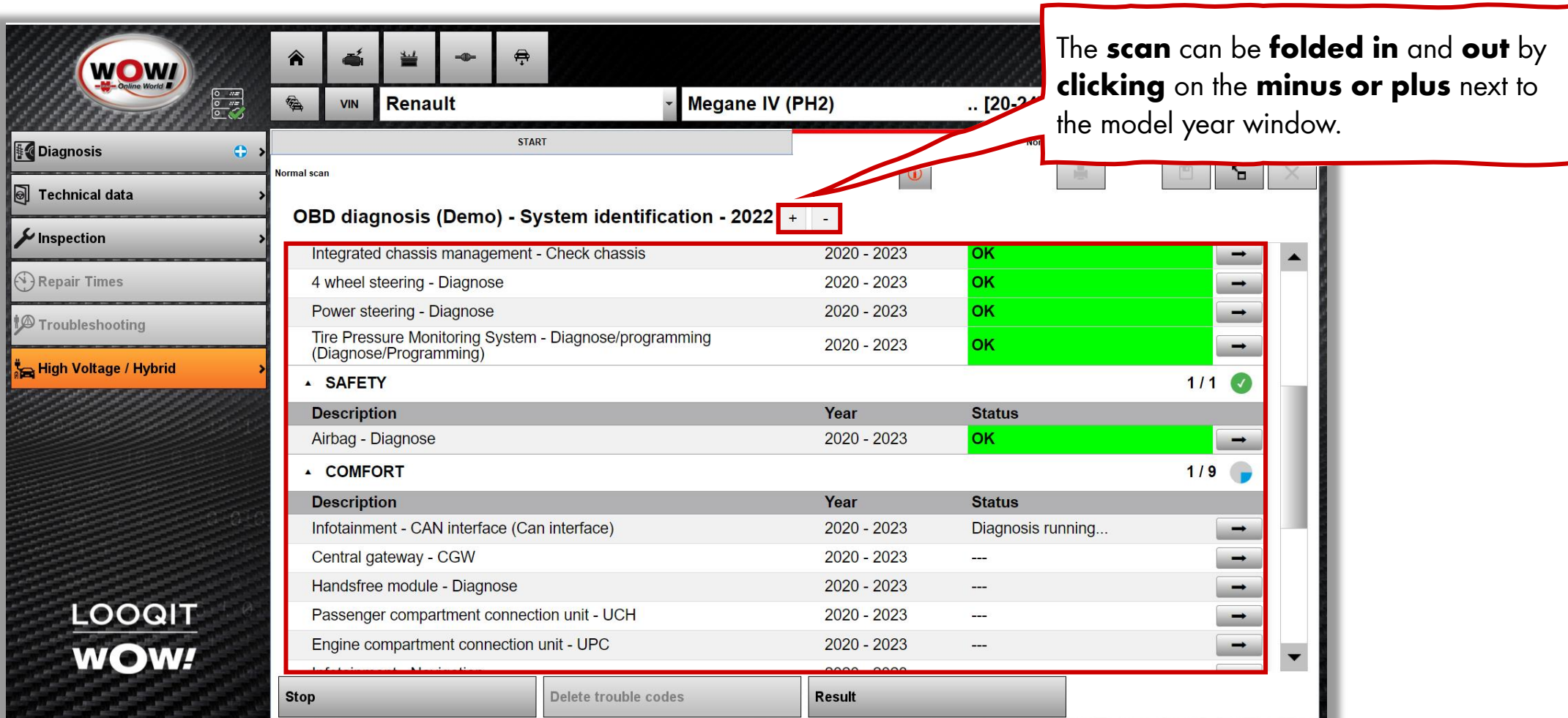
- The model year is selected in a drop-down selection window
- System status directly recognisable:  
No error (green),  
error exists (red)



# MORE ORGANISATION FOR MORE FUN AT WORK

## NORMALSCAN WITH NEW OUTFIT

The **scan** can be **folded in** and **out** by **clicking** on the **minus** or **plus** next to the model year window.



Normal scan

START

OBID diagnosis (Demo) - System identification - 2022 + -

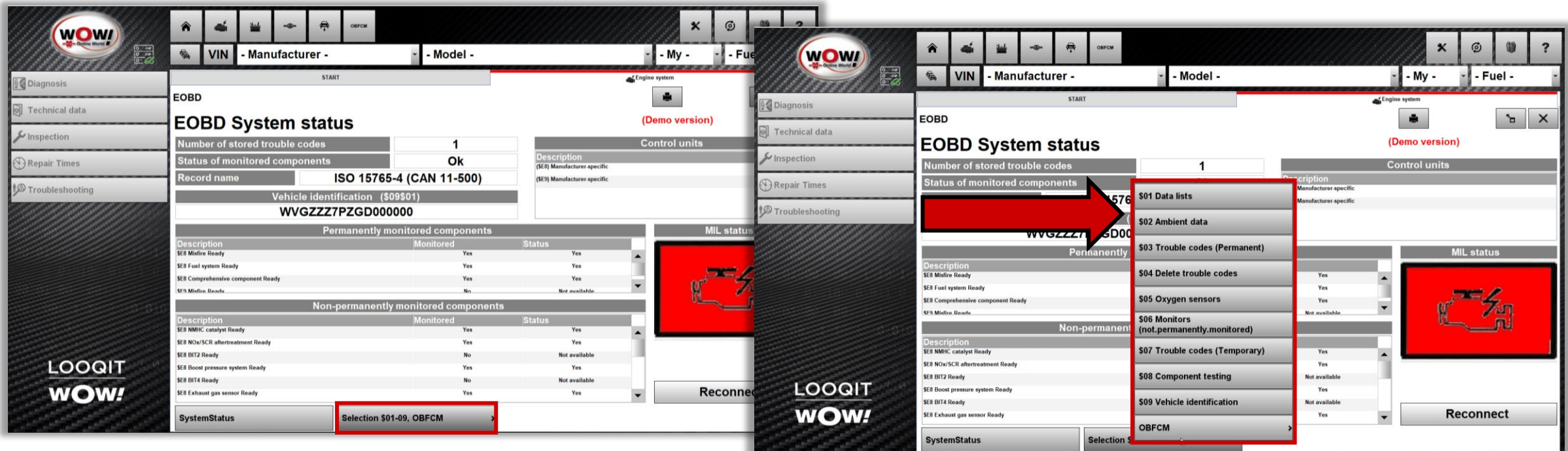
Description	Year	Status	
Integrated chassis management - Check chassis	2020 - 2023	OK	→
4 wheel steering - Diagnose	2020 - 2023	OK	→
Power steering - Diagnose	2020 - 2023	OK	→
Tire Pressure Monitoring System - Diagnose/programming (Diagnose/Programming)	2020 - 2023	OK	→
▲ SAFETY 1 / 1 ✓			
<b>Description</b>	<b>Year</b>	<b>Status</b>	
Airbag - Diagnose	2020 - 2023	OK	→
▲ COMFORT 1 / 9			
<b>Description</b>	<b>Year</b>	<b>Status</b>	
Infotainment - CAN interface (Can interface)	2020 - 2023	Diagnosis running...	→
Central gateway - CGW	2020 - 2023	---	→
Handsfree module - Diagnose	2020 - 2023	---	→
Passenger compartment connection unit - UCH	2020 - 2023	---	→
Engine compartment connection unit - UPC	2020 - 2023	---	→

Stop Delete trouble codes Result

# MORE ORGANISATION FOR MORE FUN AT WORK

## NEW EOBD DESIGN

The two displays "WOW!" and " Mode" have been combined into a new EOBD version. Now both the classic WOW! (status display) and the **individual modes are now visible and distinguishable according to EOBD guidelines.**



**EOBD System status** (Demo version)

Number of stored trouble codes: 1

Status of monitored components: Ok

Record name: ISO 15765-4 (CAN 11-500)

Vehicle identification (\$09\$01): WVGZZZ7PZGD000000

**Permanently monitored components**

Description	Monitored	Status
SE8 Mifire Ready	Yes	Yes
SE8 Fuel system Ready	Yes	Yes
SE8 Comprehensive component Ready	Yes	Yes
SE8 Mifire Ready	No	Not available

**Non-permanently monitored components**

Description	Monitored	Status
SE8 NMHC catalyst Ready	Yes	Yes
SE8 NOx/SCR aftertreatment Ready	Yes	Yes
SE8 BIT2 Ready	No	Not available
SE8 Boost pressure system Ready	Yes	Yes
SE8 BIT4 Ready	No	Not available
SE8 Exhaust gas sensor Ready	Yes	Yes

**Selection \$01-09, OBDTCM**

**Diagnostic Modes:**

- \$01 Data lists
- \$02 Ambient data
- \$03 Trouble codes (Permanent)
- \$04 Delete trouble codes
- \$05 Oxygen sensors
- \$06 Monitors (not permanently monitored)
- \$07 Trouble codes (Temporary)
- \$08 Component testing
- \$09 Vehicle identification
- OBDTCM

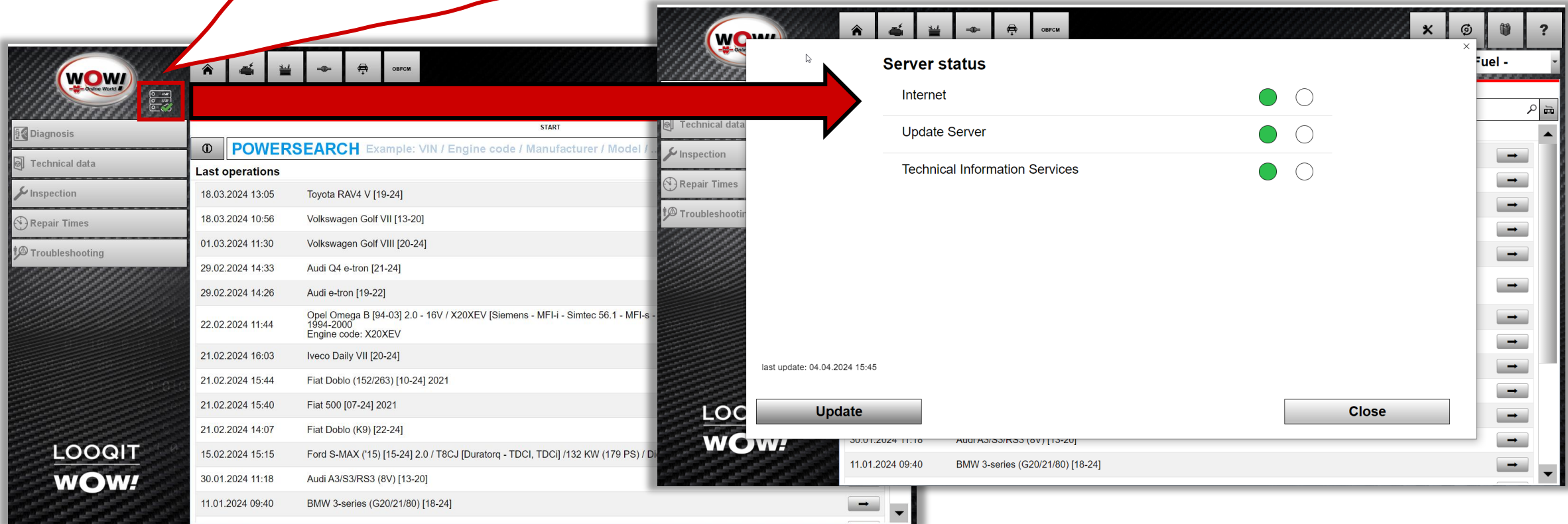
# DISPLAY OF THE CONNECTION STATUS





# DISPLAY OF THE CONNECTION STATUS

The connection monitor shows the current **connection status of the diagnostic PC**. With ever more **extensive online functions** such as security gateway, firmware download, online updates, power repair function or Top10 functions, it is **important to know the connection status and be able to react to it**.



The screenshot shows the WOW! diagnostic software interface. A red arrow points from the 'Connection Monitor' icon in the top-left toolbar to the 'Server status' window. The 'Server status' window displays the following information:

Service	Status
Internet	<span style="color: green;">●</span> <span style="color: gray;">○</span>
Update Server	<span style="color: green;">●</span> <span style="color: gray;">○</span>
Technical Information Services	<span style="color: green;">●</span> <span style="color: gray;">○</span>

Below the status indicators, the text 'last update: 04.04.2024 15:45' is displayed. At the bottom of the window are two buttons: 'Update' and 'Close'.

The background interface shows the 'POWERSEARCH' section with a list of 'Last operations' including vehicle models like Toyota RAV4 V, Volkswagen Golf VII, and Audi Q4 e-tron.



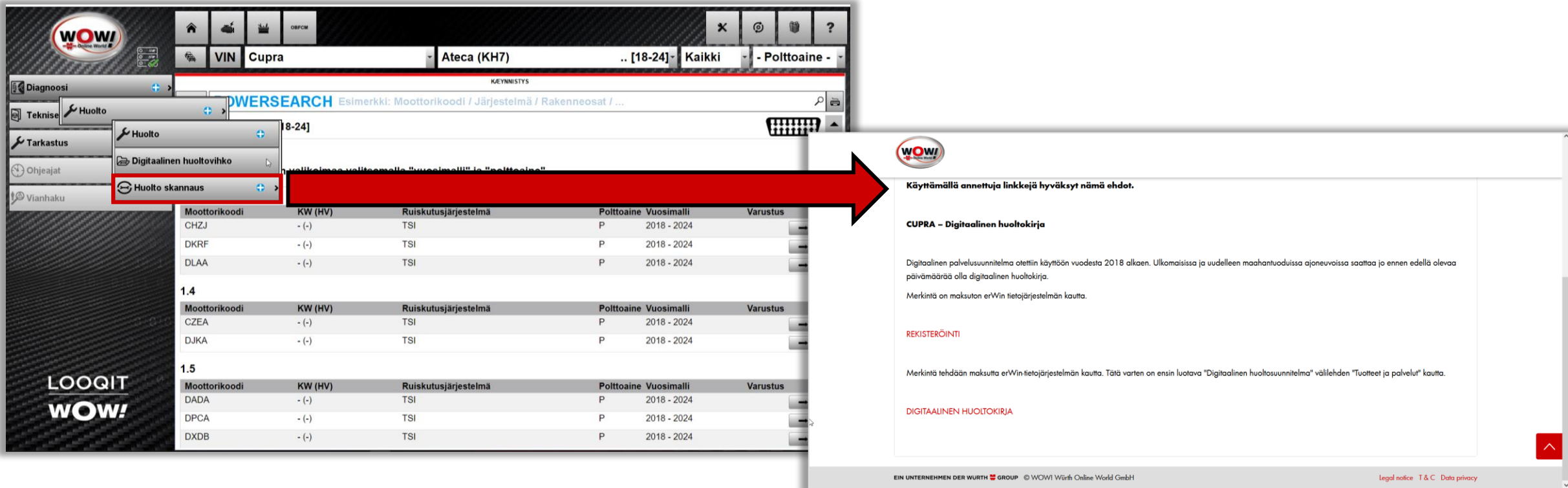
# **DIGITAL SERVICE BOOK FINLAND**



# DIGITAL SERVICE BOOK

## FINLAND

In the Finnish national version, the links to the manufacturers' Digital Service Book are displayed with this update.



The screenshot shows the WOW! software interface. The 'Huolto skannaus' menu item is highlighted with a red box. A red arrow points from this menu item to a pop-up window titled 'CUPRA - Digitaalinen huoltokirja'.

**Table 1: Moottorikoodi, KW (HV), Ruiskutusjärjestelmä, Polttoaine, Vuosimalli, Varustus**

Moottorikoodi	KW (HV)	Ruiskutusjärjestelmä	Polttoaine	Vuosimalli	Varustus
CHZJ	- (-)	TSI	P	2018 - 2024	
DKRF	- (-)	TSI	P	2018 - 2024	
DLAA	- (-)	TSI	P	2018 - 2024	

**1.4**

Moottorikoodi	KW (HV)	Ruiskutusjärjestelmä	Polttoaine	Vuosimalli	Varustus
CZEA	- (-)	TSI	P	2018 - 2024	
DJKA	- (-)	TSI	P	2018 - 2024	

**1.5**

Moottorikoodi	KW (HV)	Ruiskutusjärjestelmä	Polttoaine	Vuosimalli	Varustus
DADA	- (-)	TSI	P	2018 - 2024	
DPCA	- (-)	TSI	P	2018 - 2024	
DXDB	- (-)	TSI	P	2018 - 2024	

**Pop-up Window Content:**

Käyttämällä annettuja linkkejä hyväksyt nämä ehdot.

**CUPRA - Digitaalinen huoltokirja**

Digitaalinen palvelusuunnitelma otettiin käyttöön vuodesta 2018 alkaen. Ulkomaisissa ja uudelleen maahantuoduissa ajoneuvoissa saatava jo ennen edellä olevaa päivämäärää olla digitaalinen huoltokirja.

Merkintä on maksuton erWin tietojärjestelmän kautta.

**REKISTERÖINTI**

Merkintä tehdään maksutta erWin-tietojärjestelmän kautta. Tätä varten on ensin luotava "Digitaalinen huoltosuunnitelma" välilehden "Tuotteet ja palvelut" kautta.

**DIGITAALINEN HUOLTOKIRJA**

EIN UNTERNEHMEN DER WÜRTH GROUP © WOW! Würth Online World GmbH

Legal notice T & C Data privacy

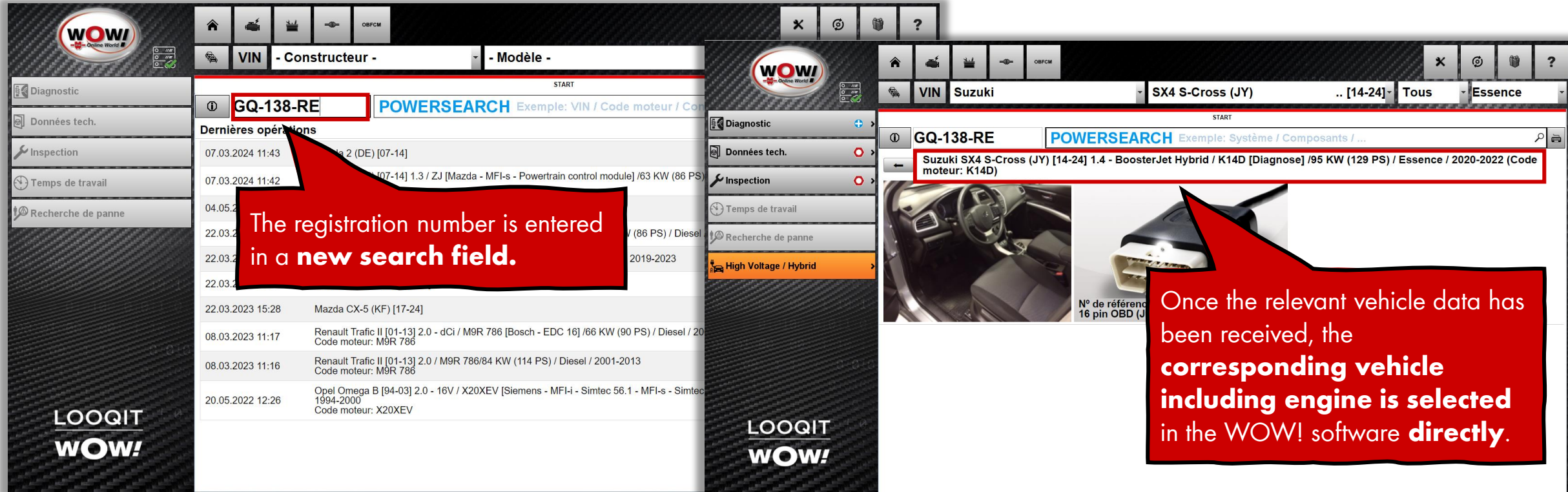
# **EASY VEHICLE IDENTIFICATION SEARCH IN FRANCE**





# EASY VEHICLE IDENTIFICATION WITH VRM SEARCH

In the French national version of the software, a **chargeable number plate search** is offered in this update. With an additional license, you can activate the **online Vehicle Registration Mark (VRM) search**.

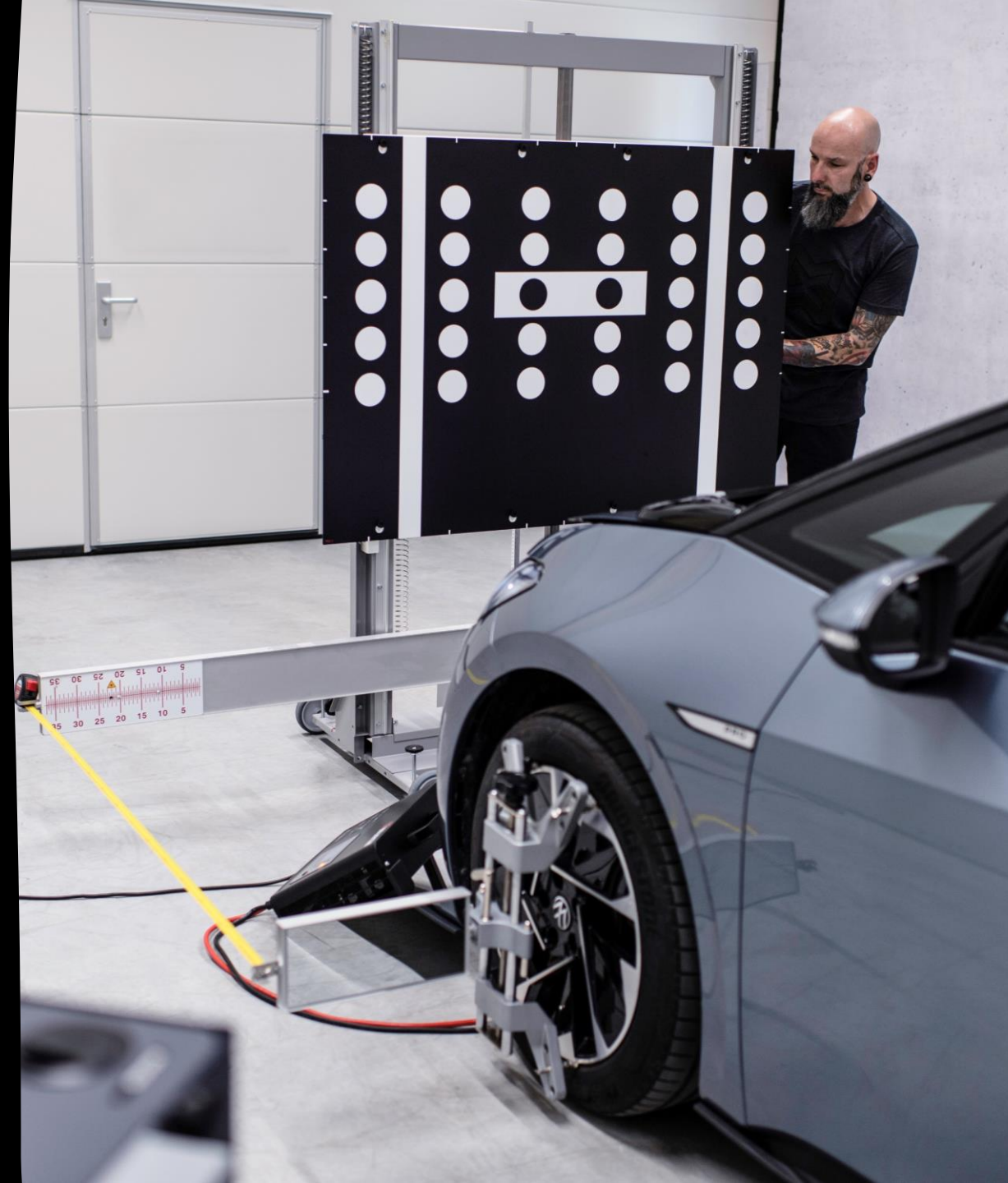


The registration number is entered in a new search field.

Once the relevant vehicle data has been received, the corresponding vehicle including engine is selected in the WOW! software directly.



# **NEW ADAS ACCESSOIRES FOR WOW! ACS CARS**



# NEW CALIBRATION MATS FOR VEHICLES FROM **VOLKSWAGEN GROUP AND MERCEDES-BENZ**

**Manufacturer-specific calibration mats for exact calibration of the rear view camera**

## **For the Volkswagen Gruppe**

WOW! calibration mats TRV-1 \*

Art. no. W074 203 000

### **Consisting of:**

- 1 calibration mat
- 2 end strips
- 1 storage bag
- 1 quick start guide



## **For Mercedes-Benz**

WOW! calibration mats TRV-2 \*

Art. no. W074 203 001

### **Consisting of:**

- 1 calibration mat
- 2 end strips
- 1 storage bag
- 1 quick start guide
- 1 sinkhole



**MAM IDs**

**DE** 565313674; **EN** 565312065; **NL** 565313561; **FR** 565313127; **IT** 565313338

\* Also required: a cross line laser and 2 measuring tapes.

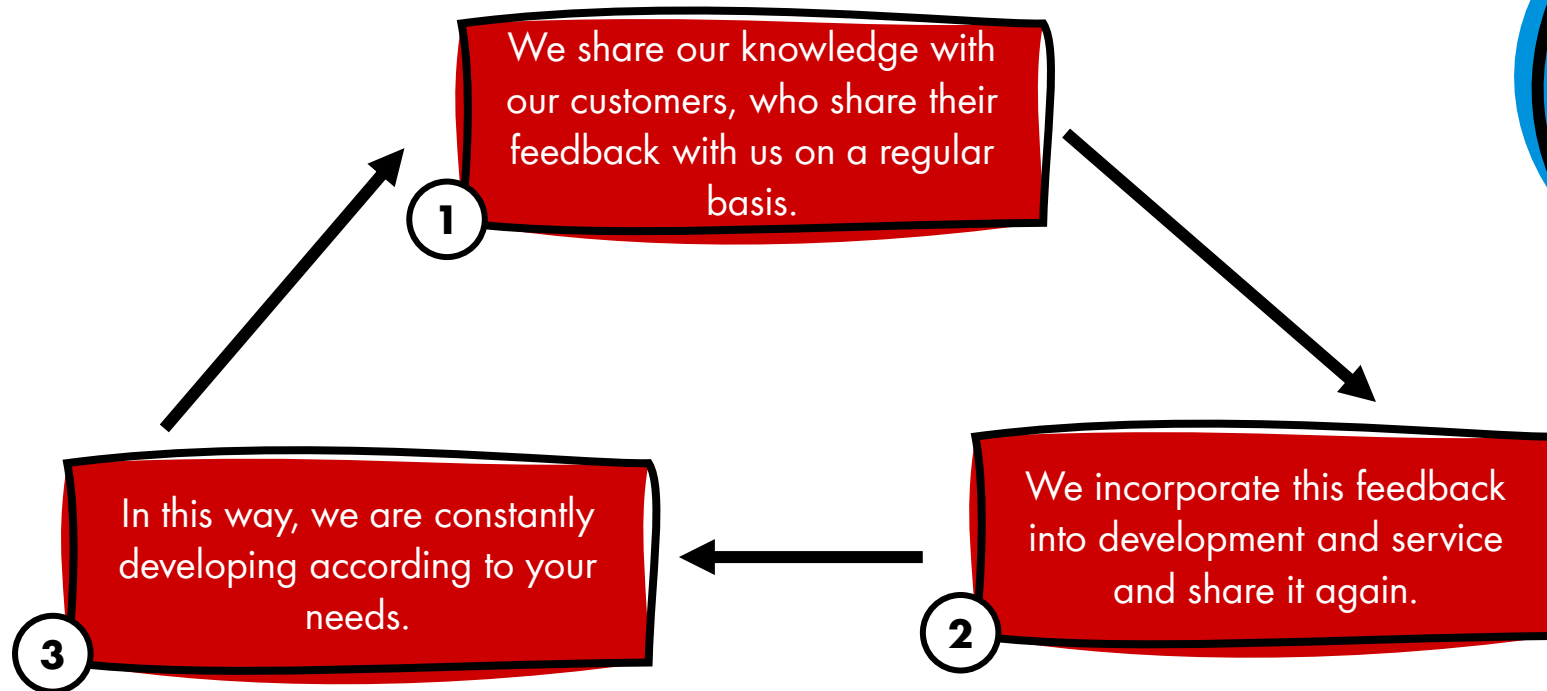
**PLEASE SHARE  
YOUR FEEDBACK  
ACCORDING TO  
THE WOW! HOW  
PRINCIPLE**



# WE INCORPORATE YOUR FEEDBACK INTO OUR DEVELOPMENT. ACCORDING TO THE WOW! HOW PRINCIPLE

We value **personal contact with you** and rely on both direct sales and direct interaction with people. This is the driving force behind our **WOW! HOW PRINCIPLE**.

This is how it works:







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@ wuerthonlineworld



**#VEHICLE  
EXPERTEERS**