

20
YEARS

KNOW. SHARE. SOLVE.

WOW! NEWS



VEHICLE DIAGNOSTICS
UPDATE 5.32.00





KNOW. SHARE. SOLVE.

WOW! NEWS

- **DATABASE COVERAGE**
- **NEW AND REVISED MODELS**
- **VEHICLE INFORMATION**
- **BACKGROUND UPDATE**

Vehicle models and data are the oil in the engine of our WOW!
diagnostic system.

The WOW! 5.32.00 software version supports
69 manufacturers with 1.428 models.





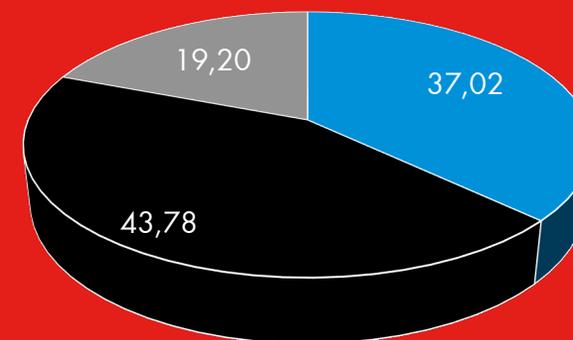
DATABASE COVERAGE

Facts, figures, numbers

- **64,066 new and renewed diagnostic functions**
- **Updated diagnostic data for 31 manufacturers with 390 different models**
- **Scope of complete diagnostic database**
 - 69 manufacturers
 - 1.428 different models
- **Coverage of new diagnosis depending on the model age (1997-2021):**

▪ Up to 3 years	=	37,02%
▪ 4 to 10 years	=	43,78%
▪ 11 to 25 years	=	19,20%

Coverage model age in %



■ 0-3 ■ 4-10 ■ 11-25



DATABASE COVERAGE

Facts, figures, numbers

- **E-mobility is the system with the highest increase (6,67%)**
- **ADAS follows with the second highest rate of increase (3,28%) in diagnosis coverage**

Overview new vehicles:

Audi A3 [20-]

BMW 4-series
[G22/G82]

Ford C-Max
[07-10]

Ford C-Max
[11-14]

Ford F-150

Ford Kuga [20-]

Ford Puma [20-]

Ford Transit
[19-]

Mercedes-AMG ONE
[C298]

Mercedes
S-Class [V223]

Nissan NV250
[19-]

Opel Corsa F

Toyota Proace
[17-]

Opel Vauxhall
Corsa F



NEW AND REVISED MODELS

Some highlights from WOW! product specialist Stefan Spitschka

Audi, Seat, Skoda, Volkswagen

- Audi A3 (2020-)
✓ Full coverage of all systems*
- Seat Leon IV (2020-)
✓ Full coverage all systems*
- Skoda Octavia IV (2020-)
✓ Full coverage all systems*
- VW Golf VIII (2020-)
✓ Full coverage all systems*

* Note:
Some systems are excluded due to security gateway

BMW

- 48V Mild hybrid system for:
 - 3-series [G20,G21]
 - 5-series [G30/31/38]
 - 6-series GT [G32]
 - 7-series [G11/12]
 - X3 [G01], X4 [G02]
 - X5 [G05], X6 [G06]
 - X7 [G07]
- New model:
 - 4-series [G22]
- Year model update 2021:
 - 1-series [F40]
 - 2-series [F22/23/45/46/87]
 - 3-series [G20,G21]
 - 5-series [G30/31/38/F90]
 - 6-series GT [G32]
 - 7-series [G11/12]
 - 8-series [G14/15]
 - Z4 [G29]
 - X1 [F48], X2 [F39]
 - X3 [G01], X4 [G02]
 - X5 [G05], X6 [G06]
 - X7 [G07]

FAL

- ADAS Cruise control system for FIAT Tipo
- Service Light Reset for 500X, 500L, Giulia

Ford

- Ford Kuga (2020-)
✓ Service functions, camera calibration, several systems with full functionality/basic functionality
- Ford Puma (2020-)
✓ Service functions, camera calibration, several systems with full functionality/basic functionality
- Ford S-MAX ('15)
✓ MPV BCCC TDCI 2.0 DOHC 16V (RTD, Self test, DTC)
- Ford Transit (2019-)
✓ Service functions, several systems with basic functionality

Landrover

- Discovery 11-17
✓ Service function for parking brake
- Evoque 12-18/Discovery Sport 14-17/Range Rover Sport 14-16
✓ New improved SLR
- Evoque 2015-2018
✓ Battery replacement function



NEW AND REVISED MODELS

Some highlights from WOW! product specialist Stefan Spitschka

Kia

- e-Niro (2019-)
✓ Blind spot detection system with full functionality
- Optima (2016-)
✓ Full functionality for several systems, service functions included
- Sportage (2018-)
✓ Full functionality for several systems, service functions included

Mercedes

- ADAS system updates for several models (E-Class 213, S-Class 223, V-Class, Vito, X-Class)
- Air suspension system updates for several models
- All-wheel drive system updates for several models
- E-Class 213 (2021-) (Facelift)
✓ update with several systems
- New models: S-Class (223), AMG ONE (298) several systems in diagnosis available
- Parking assist systems for Vito/Viano [W639] and Sprinter [906]
- X-Class 470 FCAM470 - Lane Camera, Calibration of Lane Camera
- Sprinter 907/910 Diesel engine "CDID3S2_NFZ" (OM651), fully developed

Mini

- Added engine 9HZ for Coupe/One, Clubman 06-15
- Year model update MY 2021 Coupe/One, Clubman, Convertible, Countryman

Mitsubishi

- Space Star - ADAS Front Camera
- Service Light Reset for Space star, Outlander, ASX
- Year model update on several models

Nissan

- New model NV250 2019-
- Vehicle identification via VIN for ADAS functionality on Qashqai



NEW AND REVISED MODELS

Some highlights from WOW! product specialist Stefan Spitschka

Opel

- New model Corsa F 2020-

PSA (Peugeot/Citroen)

- Citroen Nemo automatic gearbox
- Peugeot 208 (2020-)
 - ✓ various systems updated with more functionality
- Peugeot 508/Partner
 - ✓ Replacement of the power accumulator
- Peugeot Bipper automatic gearbox

Renault / Dacia

- ADAS Front camera for Captur II, Clio V and New Zoe (needs Security Gateway Access)
- Duster new instrument with Service Light Reset functions, New engines for Capture II and Clio V

Toyota

- Proace year model 2017- ADAS Lane assyst with dynamic calibration
- Toyota transmission coverage extended



WOW! 5.32.00 – NEW FUNCTIONS

Vehicle information

The screenshot shows the WOW! 5.32.00 software interface. The top navigation bar includes 'Diagnosis', 'Technic', 'Inspection', and 'Repair Times'. The 'Vehicle information' menu is highlighted, showing options for 'Vehicle information' and 'Plug position'. The main area displays a table of vehicle specifications for a Mercedes-Benz C-Class (205).

Engine code	KW(HP)	Injection system	Fuel	Model year	Equipment
1.5 - C 200					
264.915	135 (184)	MED41	P	2019 - 2021	→
1.5 - C 200 4MATIC					
264.915	135 (184)	MED41	P	2019 - 2021	→
1.6					
654.916	- (-)	MRD1		2019 - 2021	→
1.6 - C 160					
274.910	95 (129)		P	2019 - 2021	→
1.6 - C 180					
274.910	115 (156)		P	2019 - 2021	→
1.6 - C 180 d					
654.916	90 (122)	MRD1	D	2019 - 2021	→
1.6 - C 200 d					
654.916	118 (160)	MRD1	D	2019 - 2021	→

WOW! VEHICLE INFORMATION:

- It is very important to know something about the vehicle in front of you
- Questions can be e.g.:
 - Is the mileage in the dashboard correct?
 - Are the controllers of the same age?



WOW! 5.32.00 – NEW FUNCTIONS

Vehicle information

The screenshot displays the WOW! software interface. The top navigation bar includes 'Diagnosis', 'Technic', 'Inspection', and 'Repair Times'. The 'Vehicle information' menu is highlighted, showing options for 'Vehicle information' and 'Plug position'. A table of vehicle specifications is visible, with columns for Engine code, KW(HP), Injection system, Fuel, Model year, and Equipment.

Engine code	KW(HP)	Injection system	Fuel	Model year	Equipment
1.5 - C 200					
264.915	135 (184)	MED41	P	2019 - 2021	→
1.5 - C 200 4MATIC					
264.915	135 (184)	MED41	P	2019 - 2021	→
1.6					
654.916	- (-)	MRD1		2019 - 2021	→
1.6 - C 160					
274.910	95 (129)		P	2019 - 2021	→
1.6 - C 180					
274.910	115 (156)		P	2019 - 2021	→
1.6 - C 180 d					
654.916	90 (122)	MRD1	D	2019 - 2021	→
1.6 - C 200 d					
654.916	118 (160)	MRD1	D	2019 - 2021	→

WOW! VEHICLE INFORMATION:

- With version 5.32.00 we introduce the function „**Vehicle information**“.



WOW! 5.32.00 – NEW FUNCTIONS

Vehicle information

Vehicle Information

Data lists	Current
Engine	
Engine VIN-number	WDD2052011F927340
Engine Software version, Year	17
Engine Software version, Week	36
Instrument	
Instrument Distance indicator	51375
Instrument VIN-number	Not supported
Instrument Software version, Year	18
Instrument Software version, Week	46
Immobiliser	
Immobiliser VIN-number	WDD2052011F927340
Immobiliser Software version, Year	18
Immobiliser Software version, Week	27
OK	

WOW! VEHICLE INFORMATION:

- With the new function you get more in-depth information about the vehicle
- All information can be printed quickly and easily

For 20 years WOW! supports customers with diagnosis software. Right from the start, the name WOW! Würth Online World stands for the fact that we are ONLINE. With this update, the software again does even more justice to the online in WOW!.

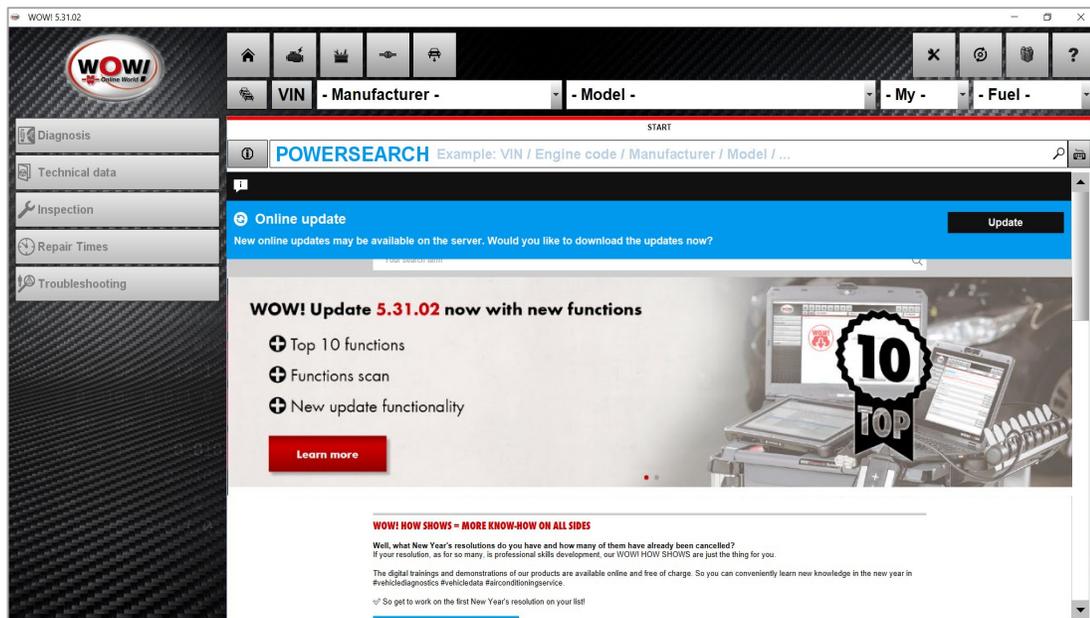
ONLINE UPDATE





WOW! 5.32.00 – NEW FUNCTIONS

Online update



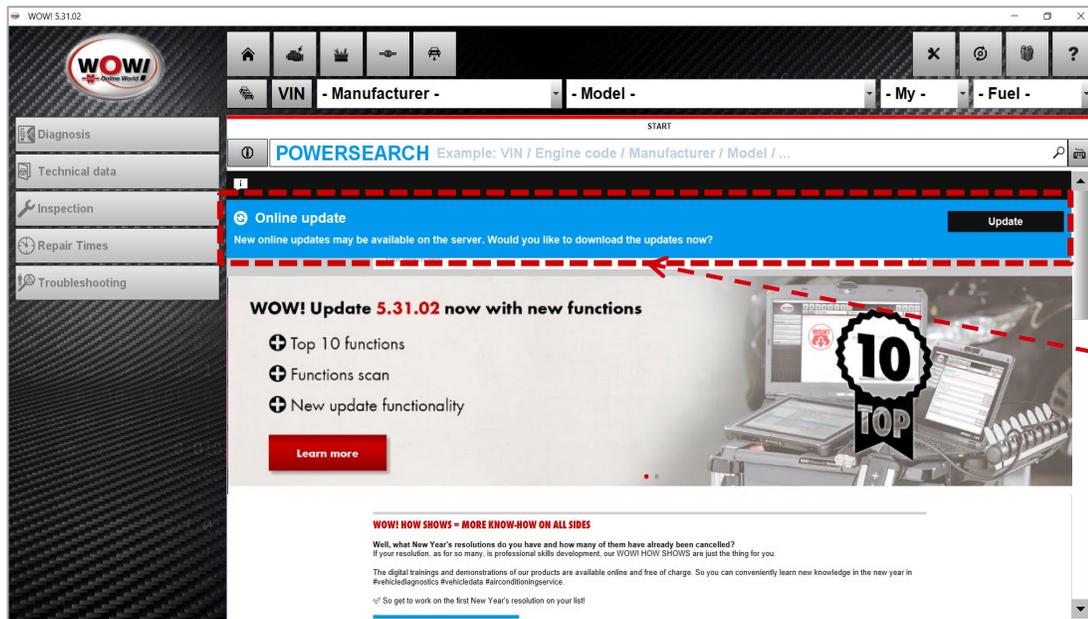
ONLINE UPDATES ARE AVAILABLE FOR:

- Software and feature updates
- Diagnosis updates
- Technical data updates
- License renewing
- Information exchange



WOW! 5.32.00 – NEW FUNCTIONS

Online update



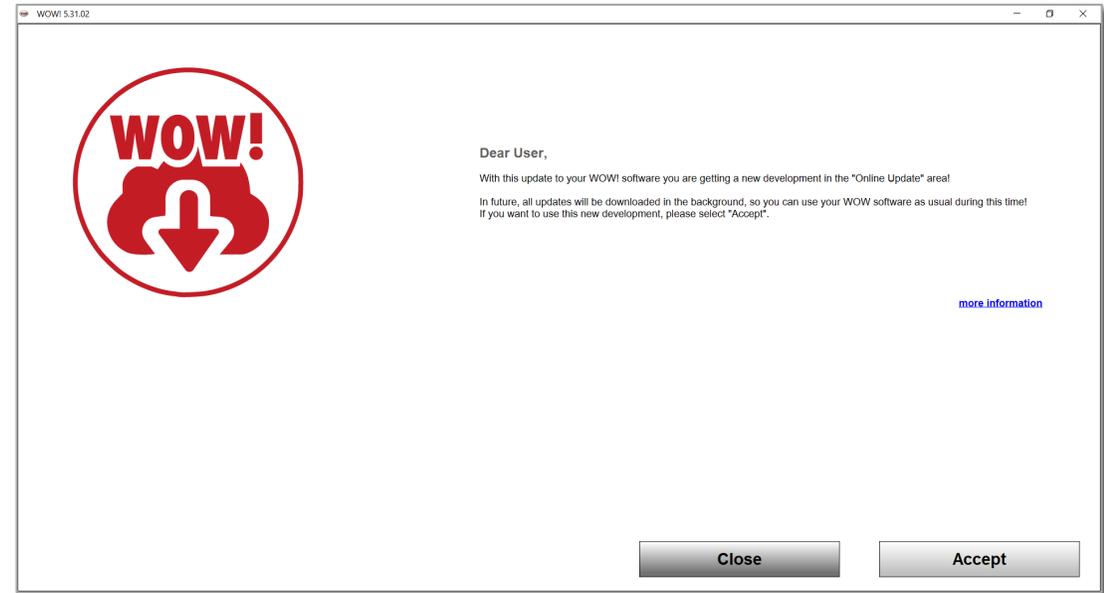
MANUAL UPDATES:

- The blue notification is something that has been known for years. It means "Update available".
- The update must be started manually in the WOW! software.



WOW! 5.32.00 – NEW FUNCTIONS

Online update



WOW! BACKGROUND UPDATE:

With version 5.31.02 we introduce the "Background Update".

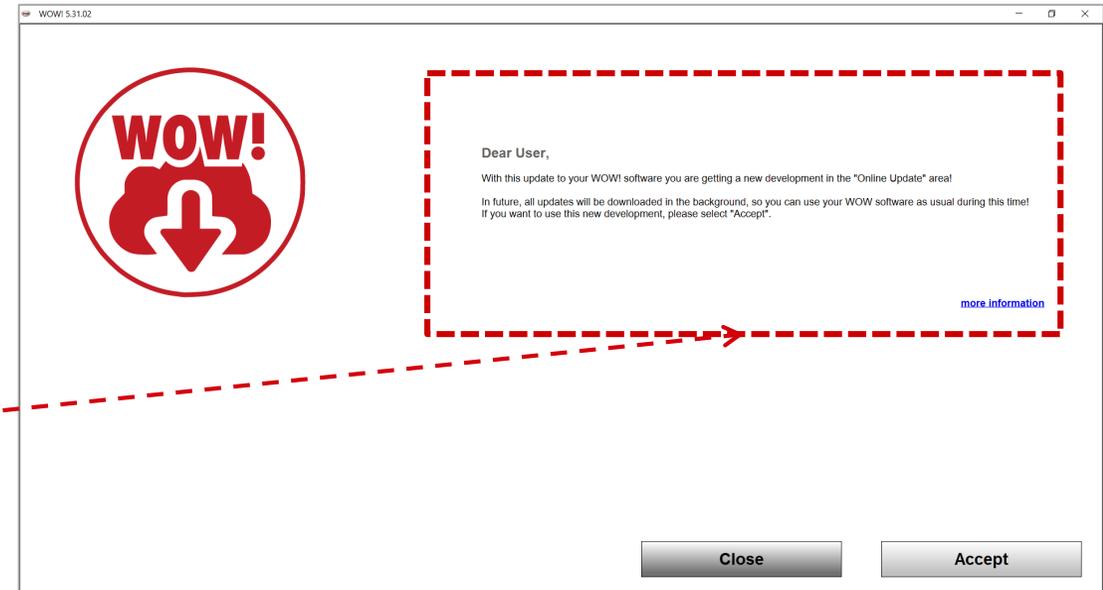


WOW! 5.32.00 – NEW FUNCTIONS

Online update

WOW! BACKGROUND UPDATE:

When updating and restarting the software, various information will be displayed.





WOW! 5.32.00 – NEW FUNCTIONS

Online update

WOW! BACKGROUND UPDATE:

When updating and restarting the software, various information will be displayed.





WOW! 5.32.00 – NEW FUNCTIONS

Online update

WOW! BACKGROUND UPDATE:

When updating and restarting the software, various information will be displayed.

Dear User,

With this update to your WOW! software you are getting a new development in the "Online Update" area!

In future, all updates will be downloaded in the background, so you can use your WOW software as usual during this time! If you want to use this new development, please select "Accept".

If this setting is applied, in future all updates will be downloaded in the background during software use. This avoids any interference with use of the software. The user can exit the software at any time, the "background update" process is intelligently controlled. Only after the update has been fully received can the installation begin. The software will give you appropriate recommendations.

The online update can also be started manually via [Online update].

The settings can be changed at any time via [Settings/General/Online update].
For further questions and technical information contact the hotline 0208 319 6962.

Your WoW! Team

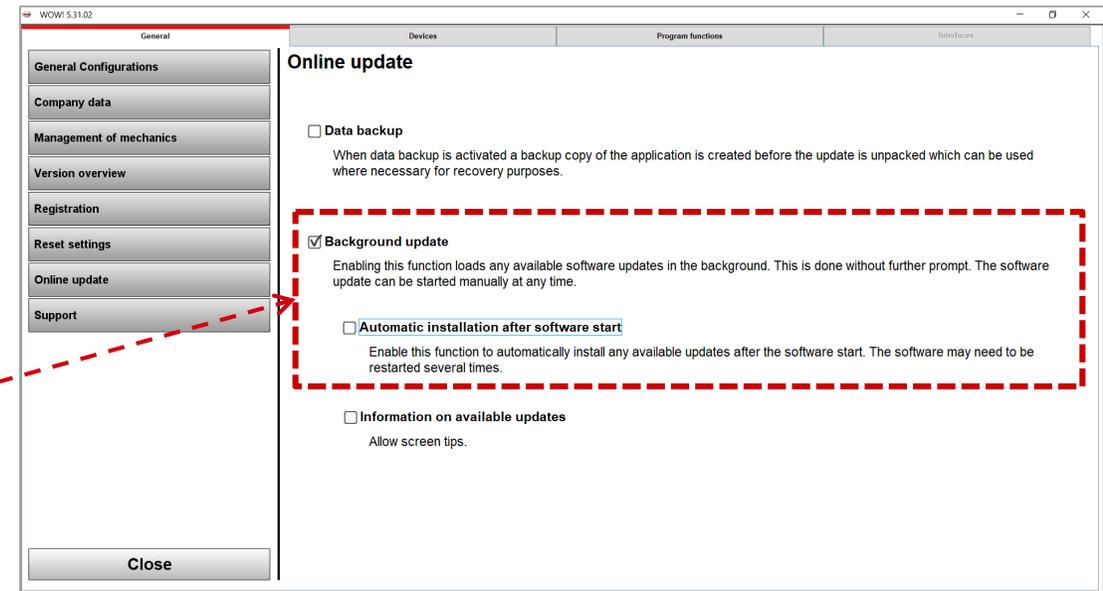


WOW! 5.32.00 – NEW FUNCTIONS

Online update

WOW! BACKGROUND UPDATE:

Online update settings.





WOW! 5.32.00 – NEW FUNCTIONS

Online update

WOW! BACKGROUND UPDATE:

New visualization for the background update within the WOW! software. The respective update status is visualized and animated by different colours.



NEW ICON

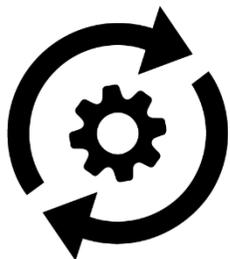




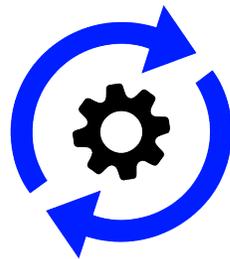
WOW! 5.32.00 – NEW FUNCTIONS

Online update

NEW ICON – Description



Standard view –
software is up-to-date.



Background update has
started automatically and
is running.



Update is downloaded
and ready to install.

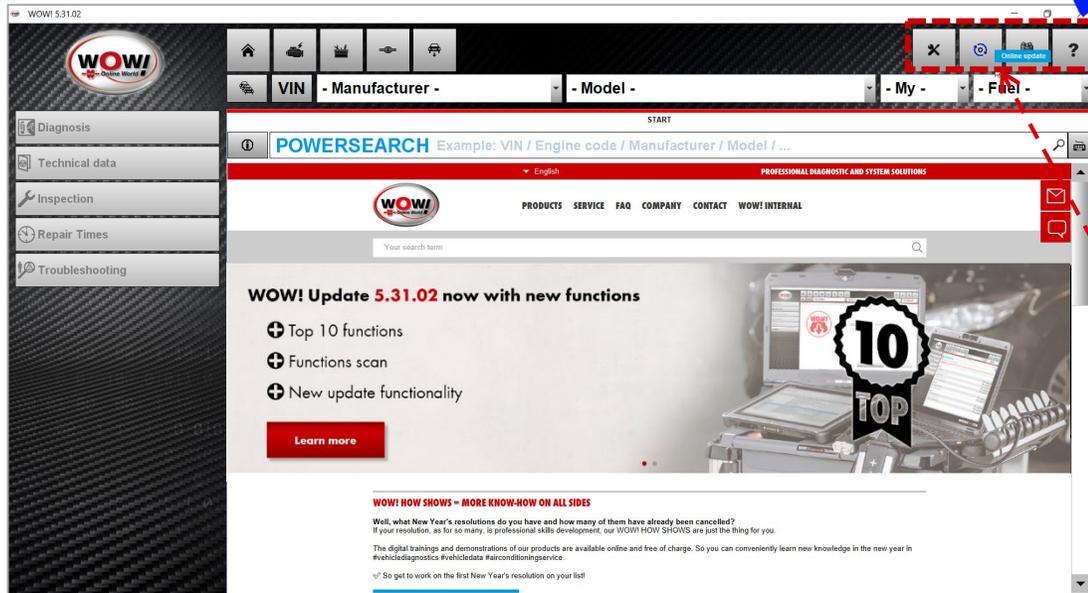


An error has occurred!
The update can be
restarted manually or will
be executed again when
the program is started.



WOW! 5.32.00 – NEW FUNCTIONS

Online update



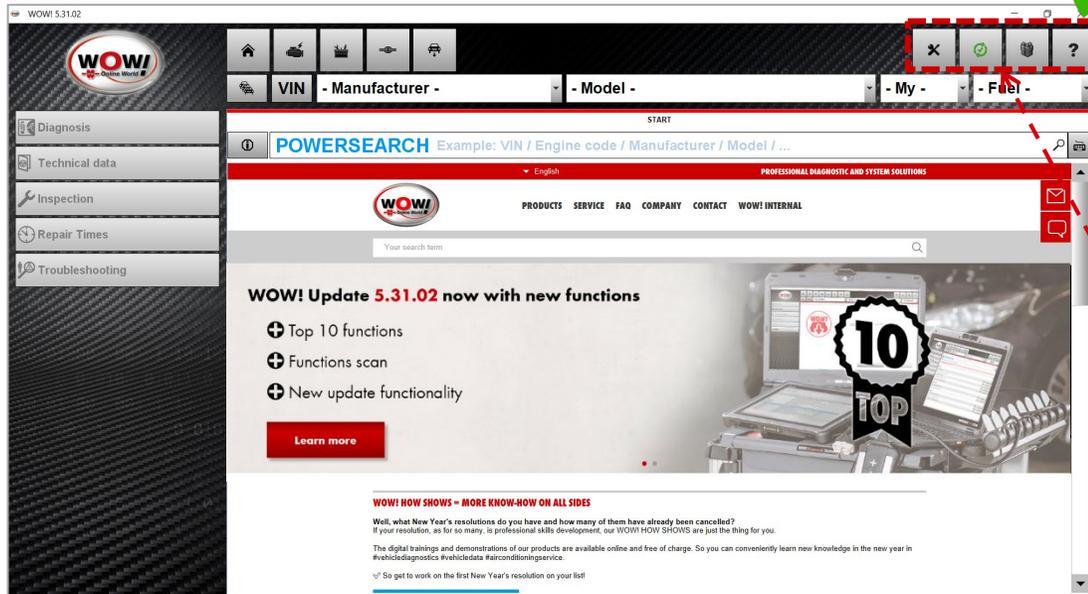
ONLINE UPDATE VISUALIZATION:

Background update has started automatically and is running.



WOW! 5.32.00 – NEW FUNCTIONS

Online update



ONLINE UPDATE VISUALIZATION:

Update is downloaded and ready to install.



WOW! 5.32.00 – NEW FUNCTIONS

Online update



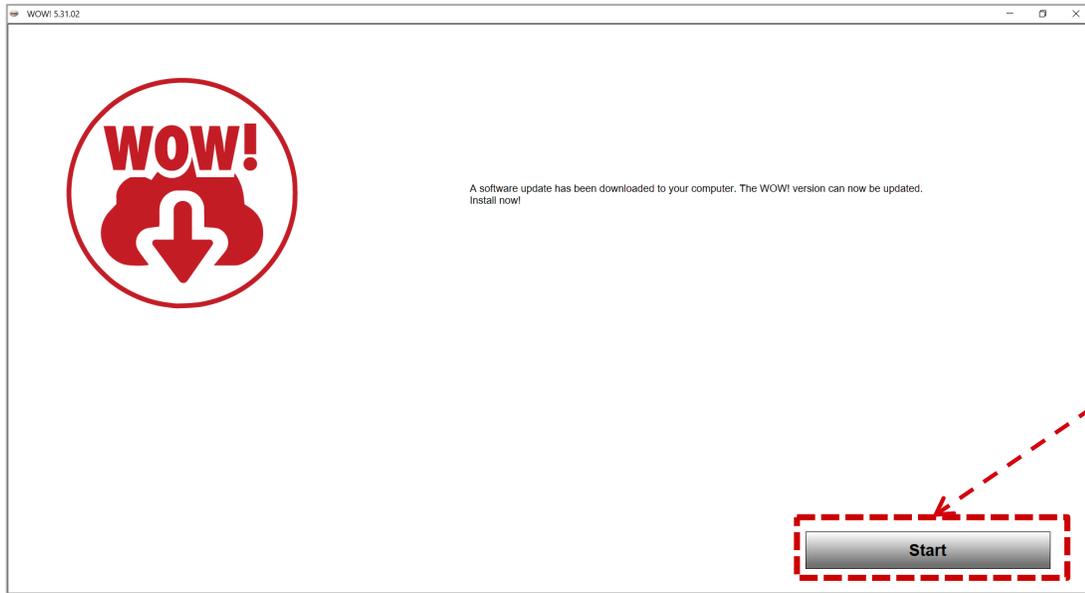
ONLINE UPDATE:

- After the update, there is a period of time until the installation has to be done.
- The WOW! diagnostic program allows 5 postponements (Later) until the update is automatically installed.



WOW! 5.32.00 – NEW FUNCTIONS

Online update



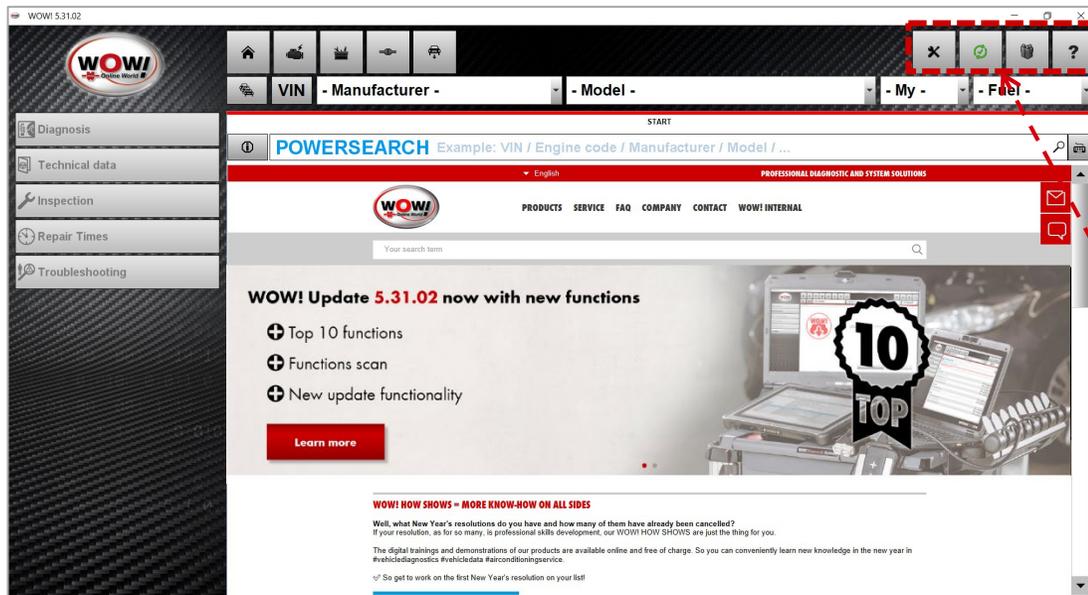
ONLINE UPDATE:

The update can be started manually via program start (settings).



WOW! 5.32.00 – NEW FUNCTIONS

Online update



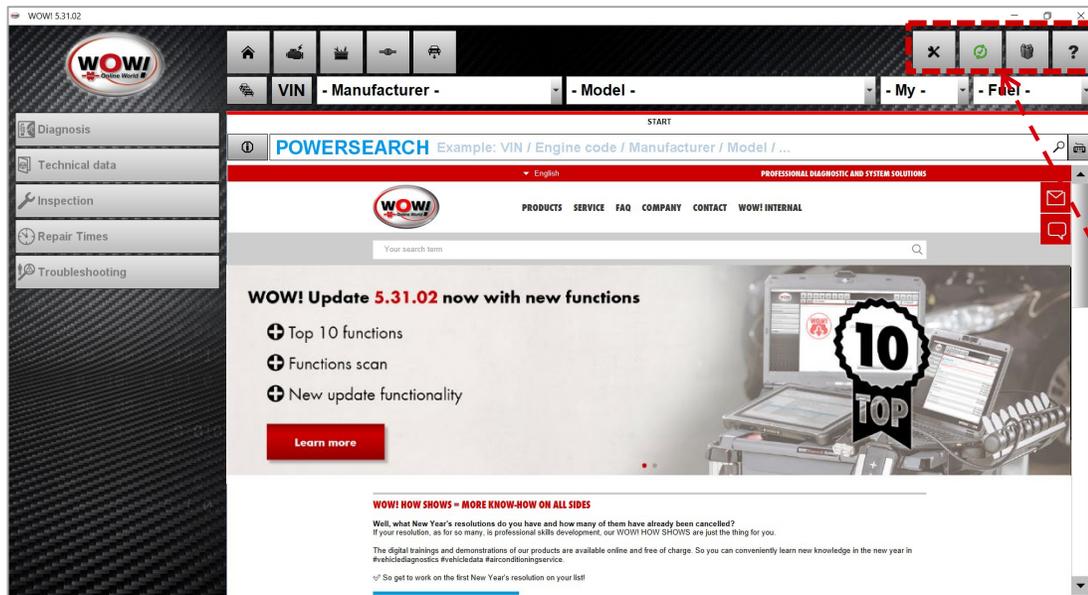
WOW! BACKGROUND UPDATE BENEFITS:

1. The update starts automatically in the background
2. The customers can work as usual
3. The background update doesn't effect the work with the WOW! software



WOW! 5.32.00 – NEW FUNCTIONS

Online update



WOW! BACKGROUND UPDATE BENEFITS:

4. The background update can be interrupted (closing the software)
5. The background update starts at the same position and finalizes the update
6. The button shows the current condition



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