



## **ESI[tronic] 2.0 Online**

News 2021 | 3

- Secure Diagnostic Access (SDA)
- Integration of repair and maintenance data from manufacturer sources
- Automatic updates without installation



## Secure Diagnostic Access (SDA)

Standardised Bosch solution to access protected vehicle diagnostic data

To protect the vehicle electronics of new vehicle models, many manufacturers already rely on individual solutions with different access requirements and concepts. Especially for independent multi-brand workshops, this disorganised situation poses a major technical and administrative challenge. With the new ESI[tronic] 2.0 Online function "**Secure Diagnostic Access**" – **SDA for short** – Bosch ESI[tronic] 2.0 Online will offer users a central, integrated and standardised solution that enables easy access to protected vehicle data from participating manufacturers in the future.

Using SDA, the workshop employee no longer has to navigate the various manufacturer portals, register, log in and, in some cases, keep track of different payment options. SDA combines the individual solutions of the vehicle manufacturers and is part of the control unit diagnosis of diagnostic software ESI[tronic] 2.0 Online.





**Restricted access  
to diagnostic features**  
requires multiple registration  
and payment options



**Secure Diagnostic Access (SDA)**  
part of ESI[tronic] 2.0 Online



**Unrestricted access and  
trouble-free diagnosis**  
for various vehicle  
manufacturers and models

---

**This means for ESI[tronic] users:**

---



**Simple Solution**



**Cost Benefit**

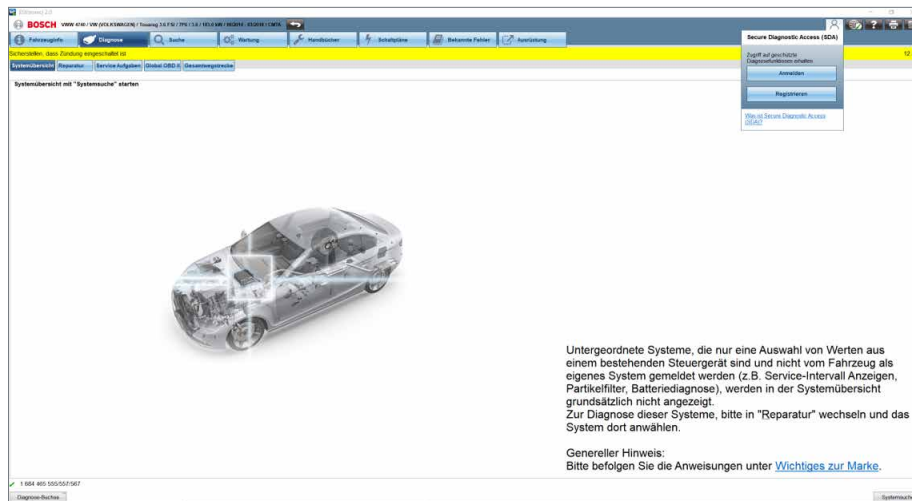


**Time Saving**



**Future Proof**

This convenient access to protected vehicle data of participating vehicle manufacturers is possible with the so-called **Bosch ID**, which consists of a user name and password. The workshop employee receives this ID after completing a one-time registration process. The employee is guided through the registration process, which is clearly displayed in ESI[tronic] 2.0 Online. This function will become available with **update 2021/3**.



Systemübersicht mit "Systemeuche" starten

Untergeordnete Systeme, die nur eine Auswahl von Werten aus einem bestehenden Steuergerät sind und nicht vom Fahrzeug als eigenes System gemeldet werden (z.B. Service-Intervall Anzeigen, Partikelfilter, Batteriediagnose), werden in der Systemübersicht grundsätzlich nicht angezeigt.  
Zur Diagnose dieser Systeme, bitte in "Reparatur" wechseln und das System dort anwählen.

Genereller Hinweis:  
Bitte folgen Sie die Anweisungen unter [Wichtiges zur Marke](#).

1 866 465 555/551-567  
Diagnose-Druck

ESI[tronic] 2.0 Online: Registering and Bosch ID login for SDA

With the update 2021/3.01 and following updates, the user can finally carry out extensive diagnostics on access-protected **VW, Audi, Seat and Skoda** vehicles. With more vehicle manufacturers gradually protecting their vehicles from unauthorised access, SDA coverage is continuously being expanded. To this end, Bosch is in close contact with the various vehicle manufacturers to include further manufacturer solutions in SDA in a timely manner.

The workshop employee can use their personal Bosch ID not only to access protected diagnostic content within ESI[tronic] 2.0 Online, but also for a variety of other Bosch applications – both professional and private – such as e-bike or smart home applications. Another advantage of the Bosch ID: From November 2021, it can also be used to book technical training courses at the Bosch Service Training Centres. As part of the one-time registration process, online user identification may be required in addition to creating the Bosch ID. For this purpose, as with the opening of an online bank account, an online identification is carried out by an external service provider using the employee's identity document.

With SDA, the workshop does not have to worry about billing and charges. SDA offers something of a flat rate. The costs for using the protected diagnostic data are already included in the licence fee for control unit diagnosis (SD).

Without access to protected diagnostic functions, the workshop can often only perform passive diagnostics on a customer vehicle, for example reading out fault codes. Active diagnostic work, such as calibrating driver assistance systems, is then no longer possible. Even the service reset may no longer be possible. With central access to access-protected diagnostic content from various manufacturers via SDA, the workshop ensures its competitiveness, as it can continue to carry out extensive diagnostic work on a wide range of vehicles in a time-saving and efficient manner.

In addition to a valid licence for control unit diagnosis (SD), the prerequisite for using SDA is a stable internet connection and the use of a diagnostic tester of the current KTS generation from Bosch, such as the KTS 560, KTS 590, KTS 350 or KTS 250.

### **The advantages of Secure Diagnostic Access (SDA) from Bosch at a glance**

- Quick and easy access to protected vehicle diagnostic data via Secure Diagnostic Access
- Secure Diagnostic Access combines the various individual solutions of the participating vehicle manufacturers
- Securing the competitiveness of multi-brand workshops through cost-savings and time efficiency thanks to new function

## Integration of repair and maintenance data from manufacturer sources



Automotive workshops are increasingly confronted with more complex maintenance and repair processes, such as repairing electrical systems, calibrating driver assistance systems and even replacing individual components.

In order to improve the repair and maintenance information provided in ESI[tronic] 2.0 Online, the concept of data creation was revised in accordance with the current EU regulation. Bosch has been offering its users original manufacturer information since the online update in May of this year, for example component location information, installation and removal instructions as well as 3D illustrations and pictures of components and allocations to individual vehicle types. In the future, electrical circuit diagrams will also be integrated on a manufacturer basis.

Currently, the information from manufacturer sources includes brands such as Mercedes-Benz, BMW, Fiat and Ford. The content and brands will be expanded gradually over the course of the year.

Bosch is thus combining the familiar level of detail of the diagnostic software with repair and maintenance information from manufacturer sources. Country restrictions may apply. Further repair and maintenance information continues to be developed by Bosch and is available without any restrictions.





# Automatic updates without installation



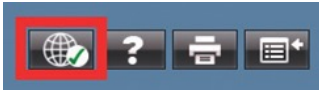
From 2022, it will be even easier and less complicated for you to update your diagnostic device with ESI[tronic] 2.0 Online.

In order to save download time and hard disk space, the download of ESI[tronic] 2.0 Online will only contain the control unit diagnosis (SD) in the future. All other information such as manuals (SIS), maintenance (M), wiring diagrams (P), known faults (EBR), equipment (A), diesel and electrical spare parts (D, E), component repair instructions (K) and work values (B) will be available via the online mode and will no longer need to be downloaded and installed. All you need is an internet connection to automatically access the latest information.

At present, this content is downloaded in its entirety and installed locally so that it can be used in offline mode. This function will no longer be available in 2022.

The online mode can already be used by all ESI[tronic] 2.0 customers since 2018.

**Activate the online mode now with just one click!**



### **All advantages of ESI[tronic] 2.0 Online at a glance:**

- Time saving thanks to simple and quick installation
- Little storage space required thanks to small download size
- Minimal loading times even at low data rates: ESI[tronic] 2.0 Online uses intelligent caching and optimised, high-performance data servers to load documents in just a few seconds
- Automatic monthly updates for a large part of the information without the need for installation
- Direct access to all documents thanks to the new search function via free text, fault codes and components
- The control unit diagnosis (SD) is always installed locally and can also be used without an internet connection

## Range of (brand) new vehicles covered



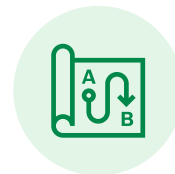
The initiative to expand the range of (brand) new vehicles covered by the system continues.

The following vehicle models were created for you before or just a few weeks after their market launch and are now available in ESI[tronic]:

- **Hyundai Kona (OS\_HEV)**  
(RB key: HYU0103321, HYU0103322, HYU0103415),  
market launch: April 2021
- **Toyota Yaris Cross**  
(RB key: TOY114501 / TOY114504 / TOY114507 / TOY114509),  
market launch: September 2021

The focus is particularly on the systems and functions for the most important service and repair tasks for a new vehicle.

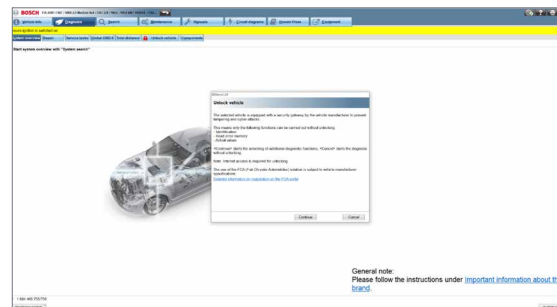
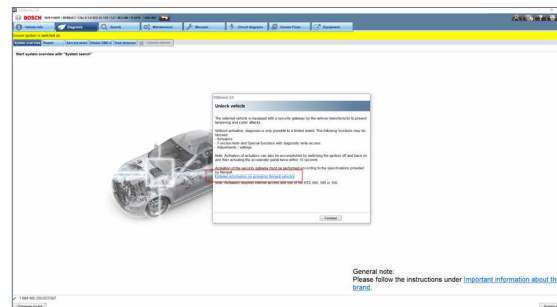
The corresponding vehicles will be made available to you via the usual main and interim updates.



# Step-by-step instructions on how to use the individual solutions for secure vehicle diagnostics of FCA and Renault/Dacia

To protect the vehicle electronics of new vehicle models against unauthorised access, Fiat Chrysler as well as Renault and Dacia have already introduced so-called individual solutions. These are supported by ESI[tronic] 2.0 Online and can thus be used by ESI[tronic] users to carry out comprehensive diagnostics on vehicles with correspondingly protected vehicle electronics.

To further support and facilitate diagnostics, ESI[tronic] users will now find step-by-step instructions in a corresponding notification window when they encounter a protected FCA and Renault/Dacia vehicle, which will navigate them through the registration process on the vehicle manufacturer portal or the activation process. The instructions can also be found under Main menu > User settings > Manufacturer logins.



# Comprehensive diagnostic coverage for Mercedes-Benz electric and hybrid vehicles



With the update 2021/3, ESI[tronic] 2.0 Online users receive the corresponding diagnostic coverage for all high-voltage systems that Mercedes-Benz has been producing in series to date.

This applies to the EQC, eSprinter and eVito models, for example.

Furthermore, Bosch not only provides diagnostic coverage for the relevant high-voltage systems, but also offers comprehensive diagnostic coverage for all other diagnostic-capable systems in these vehicle models.

ESI[tronic] 2.0 Online users only require a valid control unit licence (SD) for this. ESI[tronic] 2.0 Online users obtain the update as usual via the Diagnostic Download Manager (DDM).

