



ESI[tronic] 2.0 Online

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- Porsche maintenance information
Now in ESI[tronic] 2.0 Online!

Secure Diagnostic Access (SDA): continuous expansion of access to protected vehicle data



Secure Diagnostic Access (SDA), as a key solution integrated into ESI[tronic] 2.0 Online, allows for comprehensive access to the protected vehicle data of participating vehicle manufacturers.

Since its introduction, many manufacturers have been integrated into SDA. This makes it possible again for workshops to perform comprehensive diagnostic work on affected vehicles, facilitating their diagnosis.

These vehicle manufacturers are already included:

- Mercedes Benz
- VW
- Audi
- Seat, Cupra
- Skoda
- Fiat
- Alfa Romeo
- Lancia
- Abarth
- Chrysler
- Jeep
- Dodge, RAM

Protected vehicle data of Renault and Dacia vehicles is currently accessible on the vehicle manufacturer's portal through ESI[tronic] 2.0 Online. Integration into SDA is planned for the near future, which means that it won't be necessary to go through the manufacturer portal.

Bosch is in close contact with other vehicle manufacturers and working on integrating them into SDA as well. They will follow soon.

Teaser for hybrids and electric vehicles: instructions for de-energizing high-voltage systems



Due to the multitude of drive concepts currently in use, hybrids and fully electric vehicles pose quite a challenge for workshops.

If a mechanic is not appropriately instructed, they aren't permitted to perform even minor work on vehicles with high-voltage units. More involved work such as troubleshooting and repairs even requires additional professional training in working with high-voltage vehicles.

To ensure safe handling, many activities require the high-voltage system to be de-energized. In these cases, the high-voltage battery will be disconnected from the vehicle and residual voltage in the high-voltage system dissipated to make subsequent repair work safe.

Basic steps of high-voltage de-energization:

1. Perform de-energization
2. Secure vehicle against re-energization
3. Provide evidence and documentation of de-energization

In many cases, de-energization procedures and points of measurement are not standardized across manufacturers and different models. Proper instructions provide safety and support.



However, manufacturers may sometimes modify the high-voltage de-energization procedure. This may involve changes to specified waiting periods, adjustments of the target value or the predefined point of measurement or other amendments that are relevant to safety.

For this reason, Bosch is focusing on descriptions of high-voltage de-energization procedures and is in the process of finalizing its concept for including detailed instructions in the manuals (SIS) on how to proceed for workshop employees going forward. Within the year, customers with a subscription to the “Manuals (SIS)” info type will receive the first instructions for high-voltage de-energization, enabling them to deal with the everyday challenges created by the rising number of hybrid and electric vehicles coming into the workshop.

Porsche maintenance information Now in ESI[tronic] 2.0 Online!



We're constantly monitoring our users' needs and design content to be as helpful as possible for their everyday work at the workshop.

Due to increasing demand, Porsche was introduced to ESI[tronic] 2.0 early in the year as a new make and is now seeing ongoing expansions.

Starting now, our users will have additional comprehensive maintenance information on the Porsche make at their disposal, which will be accessible through the "Maintenance (M)" module, as usual.

No update installation is required. Due to the online functionality, you already have full access to the information.

The information includes:

- Maintenance plans
- Maintenance intervals
- Technical information such as torques and filling quantities
- Tire pressures
- Values for wheel alignment
- And more

This content is available for all major Porsche models such as:

- Panamera [971]
- Cayman [981C]
- Cayenne [92A]
- Boxster [981]
- Macan [95B]
- Taycan [Y1A]
- 911 [991]
- And more

Figures, specs, facts

How much information does ESI[tronic] 2.0 Online offer?



ESI[tronic] 2.0 Online supports independent workshops in their everyday challenges during troubleshooting, repair and maintenance work. But how much helpful information does ESI[tronic] 2.0 Online actually contain?

Customers with a license for the **experience-based repair (EBR)** feature have access to more than **1.5 million real use cases and vehicle combinations** and therefore to quick and uncomplicated solutions for known faults workshops are dealing with every day.

If a customer has also subscribed to the **manuals (SIS)** and **circuit diagrams (P)** features, **more than 3 million combinations of electrical-connection diagrams** are available to support precise troubleshooting efforts.

Regular maintenance work makes up a major part of everyday activities. In these cases, the **maintenance (M)** feature of ESI[tronic] 2.0 Online with maintenance information for **more than 5 million use cases and vehicle combinations** provides support.



All this comprehensive repair and maintenance information, compiled by a team of experienced Bosch authors, means ESI[tronic] 2.0 Online is of great help in everyday situations in the workshop.

The consistent structure and association with a selected vehicle enable the user to retrieve whatever information they need easily and quickly. By providing free-text search functionality, the search feature offers another way to find the desired information quickly and effortlessly.



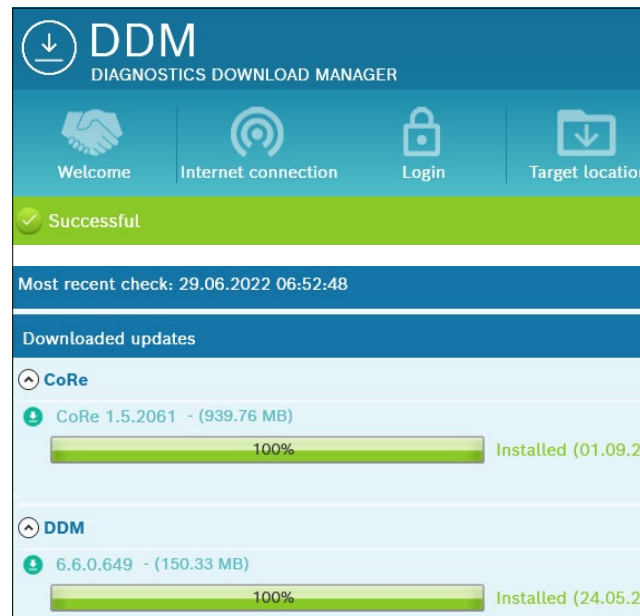
The feedback function at the end of each set of repair instructions enables the user to review the experience-based repair through likes and comments. An especially helpful feature is how the cases with the most likes are listed first by ESI[tronic]. This way, the cases users found most helpful or occurred most often stand out.

Bosch Connected Repair (CoRe, for short) What is Bosch Connected Repair?



As the new ESI[tronic] packages were introduced, most of them were also assigned a Bosch Connected Repair license (CoRe, for short).

This is why CoRe is displayed in the Bosch Download Manager (DDM) and can be downloaded and installed. This means that CoRe can be used free of charge on all connected devices at a workshop.



The screenshot shows the Bosch Download Manager (DDM) interface. At the top, there is a navigation bar with icons for Welcome, Internet connection, Login, and Target location. Below this, a green bar indicates a successful operation. The main content area shows the most recent check on 29.06.2022 at 06:52:48. Under the 'Downloaded updates' section, two updates are listed: CoRe 1.5.2061 (939.76 MB) and DDM 6.6.0.649 (150.33 MB). Both updates are shown as 100% installed.

Update Name	Version	Size	Status	Installation Date
CoRe	1.5.2061	939.76 MB	100% Installed	01.09.2022
DDM	6.6.0.649	150.33 MB	100% Installed	24.05.2022



Bosch Connected Repair (CoRe) is an overarching application (Bosch software) with its own customer and vehicle database, including data back-up functionality.

This means that CoRe collects your workshop's customer and vehicle information and has the ability to consolidate various test devices in a single database.

How does this benefit you?

If a vehicle returns to the workshop, it can be **identified more quickly**, for example by entering the license number or segments of the VIN.

If you add new Bosch or Robinair test devices at a later date, they will have immediate access to the **collected information**.

CoRe records a continuous **vehicle history**, making earlier workshop visits and associated protocols easy to retrieve.

CoRe will also perform **automatic back-ups** of your workshop data.



The following routines are preconfigured by CoRe for ESI[tronic] users, making them available right from installation:

- Control unit diagnosis for vehicle read-outs
- Vehicle diagnosis for vehicle troubleshooting
- Maintenance plan for performing maintenance according to the manufacturer's specifications

Additional tasks or test devices with CoRe functionality can be added at any time.

In this ESI News, we will explain CoRe's basic functionality:

CoRe makes it possible to exchange customer and vehicle information as well as protocols across the workshop. Test devices such as KTS using ESI[tronic] are connected through your network router. The first test device to be equipped will contain the database (CoRe server). This means that you can use the CoRe database even with a single device. If more devices are added, they can be connected through an existing workshop network using WiFi or LAN. Also, CoRe can be connected to numerous commercial workshop programs (dealer management software, DMS).

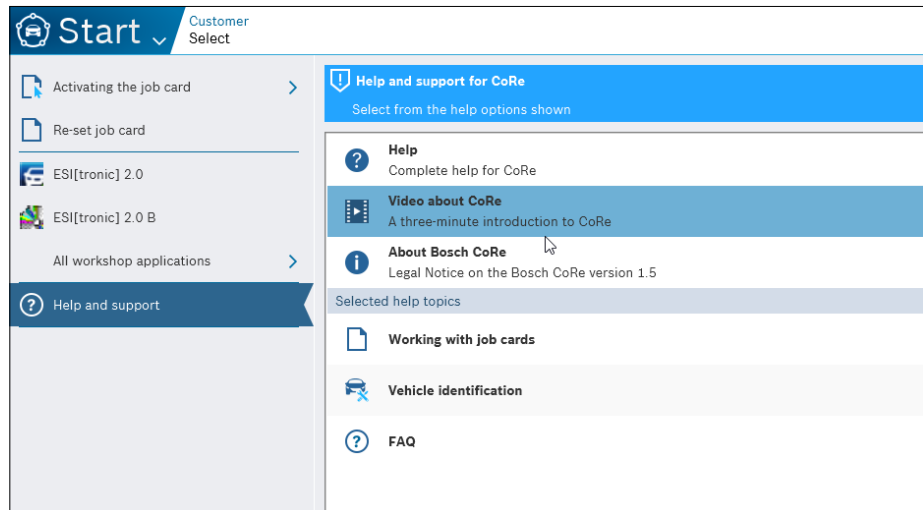
While you routinely read faults, perform diagnostics and service work, the new CoRe application will store all those activities and the associated information in a local database only accessible to you.



After installation:

The CoRe installation assistant will guide you through the entire installation process. After installing CoRe on your test devices, you can immediately start working with them by, for example, selecting a customer, vehicle and tasks and then processing all the tasks guided by an automatically generated job sheet.

After clicking “Start,” you can watch a video with an introduction to CoRe.



Start Customer Select

- Activating the job card
- Re-set job card
- ESI[tronic] 2.0
- ESI[tronic] 2.0 B
- All workshop applications
- Help and support**

Help and support for CoRe
Select from the help options shown

- Help**
Complete help for CoRe
- Video about CoRe**
A three-minute introduction to CoRe
- About Bosch CoRe**
Legal Notice on the Bosch CoRe version 1.5

Selected help topics

- Working with job cards
- Vehicle identification
- FAQ

ESI[tronic] 2.0 Online: support for Windows 7 and 8.0 ending



From January 2023, Windows 7 and 8.0 will no longer be supported by ESI[tronic] 2.0 Online. After that date, no new updates can be installed.

Please upgrade your existing Windows 7 computer or replace it by a new Windows 10 computer. Get in touch with your ESI[tronic] 2.0 Online salesperson to source this new hardware.

Operating system	Windows 10 (64 Bit)
CPU (processor)	Celeron 1.6 GHz (Dual Core) or better
RAM	8 GB DDR4 or better
Free disk space (SSD or HDD)	100 GB
Screen resolution	1366 x 768 pixels or better
USB ports	2x USB 2.0 or 2x USB 3.0
Network	LAN: 10/100/1000 Mbit/s, WLAN: 802.11a/c
Internet	VDSL 50 Mbit/s or better