

Dear readers,

First of all we wish you a happy and above all healthy New Year 2021.

Every update of Bosch ESI[tronic] 2.0 Online is designed to simplify your daily workshop routine and increase your efficiency. With the update to version 2021 ESI[tronic] 2.0 Online we deliver as usual practical features and real innovations in the workshop segment.

With ESI[tronic] 2.0 Online, it is now possible to combine ECU diagnosis and process description for driver assistance systems. The new test step includes a new display and thus enables a clear test of all-wheel drive systems. In the area of the KTS 250 diagnostic tester, update 1.7 provides helpful functions such as automatic readout of mileage.

Greetings from

Your Bosch Automotive Aftermarket Team

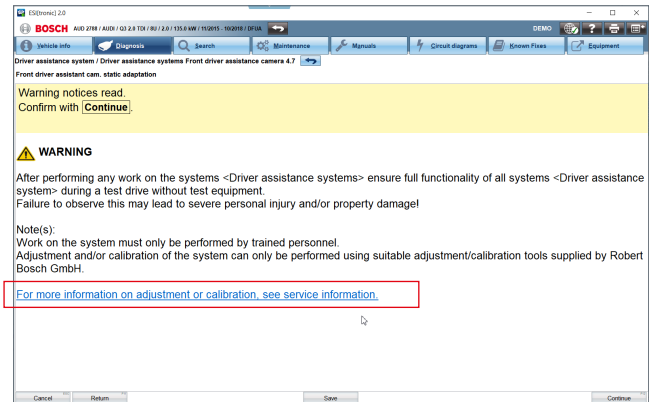




Driver assistance systems – Linking control unit diagnosis and process description

Many current vehicles are increasingly equipped with driver assistance systems (e.g. for lane change warning, traffic sign recognition, blind spot monitoring) and intelligent lighting systems (e.g. LED, Matrix Beam, Bi-Xenon). After adjustment or repair work on the chassis or replacement of the windscreen or a headlamp, these systems have to be calibrated or adjusted.

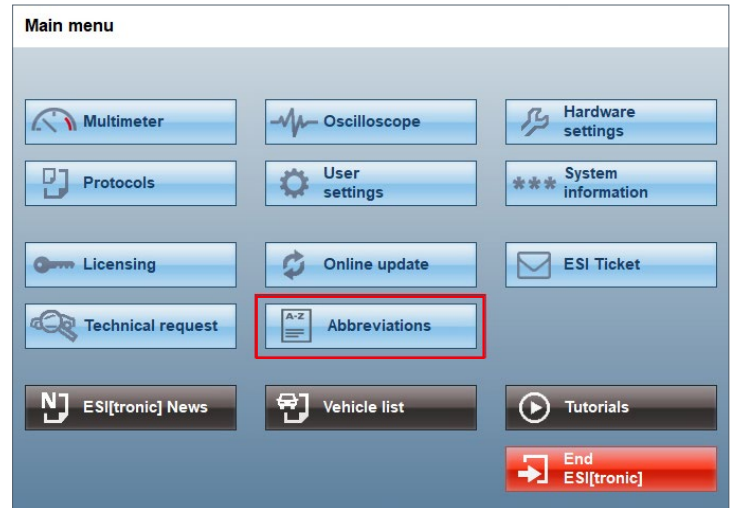
With this update you can for example switch directly from the calibration sequence of the ECU diagnosis to the required procedure descriptions and setting data of the calibration device from the manuals (info type ESI[tronic] SIS). A link at the beginning of the calibration process provides you with quick and easy access to all required information, for example for calibrating the front camera.





List of abbreviations in the main menu

With this update you can easily and directly access the list of abbreviations via the main menu. It contains all abbreviations used in ESI[tronic] 2.0 Online, including vehicle manufacturer- specific abbreviations. Regardless which part of ESI[tronic] 2.0 Online you are using the list of abbreviations can be accessed quickly at any time.





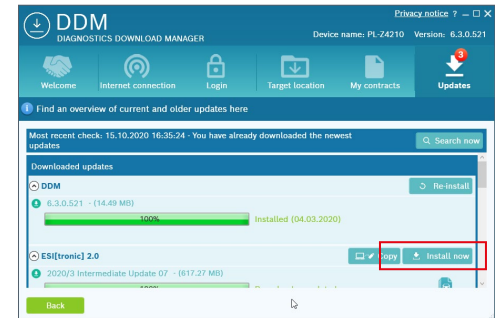
All updates via download – Goodbye DVD

With the ESI[tronic] 2.0 Online Version 2021 | 1, DVD customers will receive a DVD for the last time to install updates. All further updates are available as download via the DDM (Diagnostics Download Manager).

DDM regularly checks if new updates are available. If so, the DDM downloads the updates automatically in the background and informs you immediately when they are ready for installation. You decide if you want to install the update immediately or at a later time. During the download, you can use ESI[tronic] 2.0 Online as usual.

Use ESI[tronic] 2.0 Online updates and take advantage of its many benefits:

- ▶ All ESI[tronic] 2.0 Online info types are always up-to-date
- ▶ Automatic background download
- ▶ Time-saving thanks to quick and easy installation



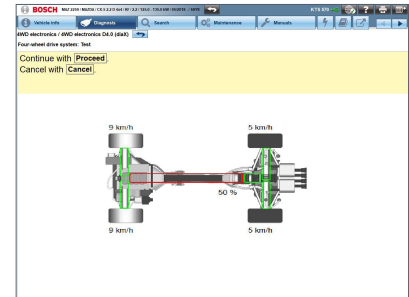
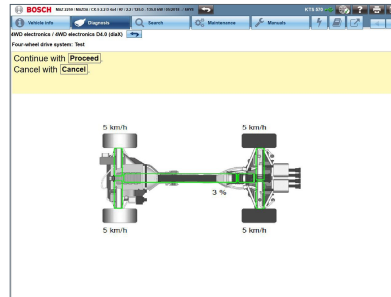
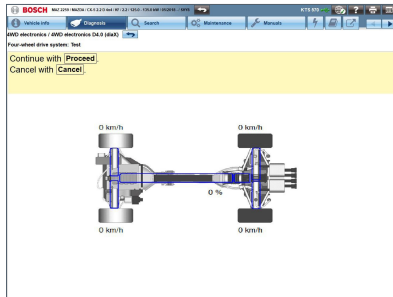


New view and test step to test 4-wheel systems

With this update, ESI[tronic] 2.0 Online contains a new and innovative test step to check the 4-wheel system within one view.

In the new view, the relative movement of the axle shaft and the in- and outlet of the haldex coupling as well as the triggering of the magnet coupling is shown in dynamic color.

Rotating components are shown in green, idle components are shown in blue. In case of a difference of the wheel speeds on one axle, the faster rotating axle is shown in red. In case of a difference at the haldex coupling, the faster rotating side is also colored in red.



Example pictures from the Mazda 4-wheel electronic D4.0



Coverage for brand new vehicles

The initiative to provide system coverage for brand new vehicles continues.

The following vehicle model has been developed for you, just a few weeks after market launch and is available in ESI[tronic] 2.0 Online from now on:

- ▶ **Mercedes Benz E-Klasse FL (RB-Key: MB110702)**
market launch: September 2020
- ▶ **Opel Insignia FL (RB-Key: OPE112024 and OPE112028)**
market launch : October 2020
- ▶ **Opel Insignia Sports Tourer (RB-Key: OPE112025 and OPE112029)**
market launch : October 2020
- ▶ **Toyota Yaris (RB-Key: TOY111423)**
market launch : September 2020
- ▶ **Volkswagen Tiguan FL and Tiguan Allspace FL
(RB-Key: VWV112150, 112122, 112154, 112155, 112156, 112157, 112158)**
market launch : October 2020

The focus here is particularly on the systems and functions for the most important service and repair tasks for a new vehicle. The corresponding vehicle coverage can be obtained from the usual main and intermediate updates.



KTS 250: New functions with update 1.7

- ▶ Automatic reading of mileage
- ▶ Coding of trailer coupling for VW and Skoda
- ▶ Diagnostic Trouble Code Search



Automatic reading of mileage

The newly developed function of the KTS 250 allows you to read out all mileage data from the various control units of a vehicle. With just one click, you can quickly and efficiently obtain an overview of all the mileage stored in the vehicle.

This overview thus provides you with important information when assessing whether the vehicle's mileage has been changed. The new function of the KTS 250 is suitable for a wide range of applications, e.g. for insurance companies, experts and appraisers when assessing damage or preparing a valuation report, for leasing companies when returning a vehicle or for car dealers and workshops when trading in used cars.

| Odometer values | | |
|----------------------|-------|----|
| ▼▼▼ Last distance | 13400 | km |
| Penultimate distance | 14300 | km |

| PARKING ASSISTANT 4.1 | | |
|-----------------------|-------|----|
| Odometer setting | 15925 | km |

| DRIV.SIDE SEAT MEMORY 4.0 | | |
|---------------------------|-------|----|
| Odometer setting | 15925 | km |



Coding of trailer coupling for VW and Skoda

KTS 250 now makes it possible to code retrofitted trailer couplings for VW and Skoda in addition to brands such as Fiat, Nissan and Peugeot. This applies initially to selected volume vehicles. The function can be performed directly with the KTS 250 without having to use the associated OE portal. Via the "Service Tasks" tile on the home screen, the function can be called up and the desired coding process can be started.

To make the work of KTS 250 users even easier, the software displays warning messages if the vehicle manufacturer states that coding is not required. This applies to Honda brand vehicles, for example, and will be extended in the future. This saves the user time and unnecessary guesswork.

This distinguishes the Bosch solution in particular in comparison to the competition:

- ▶ Highly automated coding process: Only a few manual steps are required for coding with the Bosch solution.
- ▶ The Bosch solution automatically recognizes which control units are installed in the vehicles. No manual input by the mechanic is required. This significantly reduces the probability of errors.
- ▶ Coding the trailer coupling with the Bosch solution involves only one test step.
- ▶ Any error memory entries that occur during this step are automatically deleted with the Bosch solution.



Diagnostic Trouble Code Search in the World Wide Web

Thanks to the new "DTC Search" function of the KTS 250, users can now easily access further information on individual fault memory entries via an online search with the 1.7 update. Clicking the magnifying glass in the error memory overview immediately opens the browser with the corresponding search input. KTS 250 users will benefit from the new function, especially by quick access to further information about errors. The resulting time savings make everyday workshop life easier. Update 1.8 extends this function even further. You can then select in a selection window which search engine you would like to work with, e.g. Google, Bing, DuckDuckGo or even directly in Wikipedia.

The screenshot displays the diagnostic tool interface for a Volkswagen Passat 2.0 TDI CC 4Motion 357 2009 ... 2010. The interface shows the 'Error memory' section with a 'Number of errors' indicator showing 3 errors. The list of errors is as follows:

| Error Code | Description |
|------------|---|
| 0207 | Intake manifold pressure sensor Maximum exceeded |
| 02BB | Lambda sensor 1 (downstream of CAT) No signal |
| 0230 | Exhaust-gas re-circulation Maximum exceeded |

The interface also includes a search bar, a 'Collapse all' button, a 'SAVE' button, and a 'Delete fault memory' button. The error codes 0207, 02BB, and 0230 are highlighted with a red box.