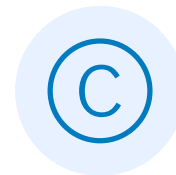# ESI[tronic] Evolution

News 2024 | 2

- **ESI[tronic] Evolution:**
  - Original Documents: Expansion of vehicle brands
  - New features: Improved efficiency and extension of the ESI Ticket function
- **ESI[tronic] Evolution for Truck and OHW:**
  - New package available: Material Handling – OHW 3
- **KTS Truck – New generation**
- **End of Support announcement for KTS 530 / KTS 540 / KTS 570**
- **SDA 2021 until today**
- **ESI[tronic] Truck News**

ESI[tronic] Evolution
Original Documents:
Expansion of vehicle brands

We are excited to announce that the Original Documents function within ESI[tronic] Evolution is continuously being developed to provide you with the best possible experience. With the recent installation of the 2024/2 update, we are pleased to inform you that users now have extensive access to original data of the Fiat brand.

This expansion of the Original Documents within ESI[tronic] Evolution brings about a significant improvement in the professional and efficient execution of maintenance and repair work in your workshop. You now have access to the most reliable and up-to-date information on necessary work, right at your fingertips.

To access the new brand, simply click on the Original Documents tile on the start screen and select the brand Fiat, along with the desired model, within the vehicle identification in Original Documents. This process is quick and easy, ensuring that you can find the information you need without any hassle. The best part is that this valuable information is included directly in your SIS license and can be used without any restrictions. However, please note that brand-specific country restrictions may apply to the Original Documents feature.

We understand the importance of having access to accurate and comprehensive information when it comes to maintenance and repair work. That is why we are committed to continuously developing and expanding the Original Documents function within ESI[tronic] Evolution.

ESI[tronic] Evolution
## New features: Improved efficiency and extension of the ESI Ticket function

As many of you are already aware, the software allows users to log in with their personal SingleKey-ID account, granting access to a range of useful functions. These include the ability to view favourites, accept and process work orders directly within ESI[tronic] using "Bosch Connected Repair Cloud," and utilize the "Secure Diagnostic Access function" (SDA) for vehicle unlocking.

With the latest 2024/2 update, ESI[tronic] Evolution now offers enhanced support for multiple accounts within a workshop setting. This means that when users need to log in or switch users, the software will conveniently display the five most recently used accounts for easy selection. By simply clicking on the desired name, users can enter their password and save valuable time. This improvement is designed to make daily workshop activities more efficient and productive.

In addition to this exciting development, we have another noteworthy announcement. The ESI ticket function now includes the integration of Original Documents. By selecting the new "Original Documents" checkbox within the info type selection in the ESI Ticket menu, users can now provide specific remarks, comments, or requests related to this new feature directly to Bosch.

ESI[tronic] Evolution
New features: Improved efficiency and extension of the ESI Ticket function
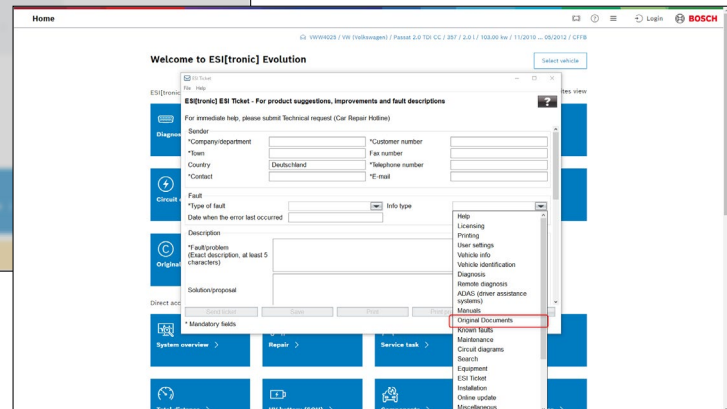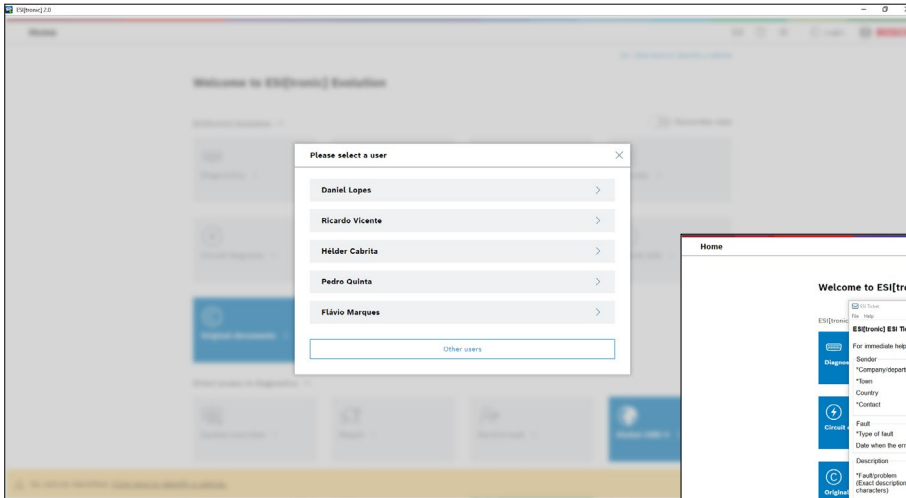
ESI[tronic] Evolution for Truck and OHW
New package available

With this update the new OHW 3 software package for IAM workshops and customers is launched. This latest addition to the ESI[tronic] lineup is specifically designed for the diagnosis, maintenance, and repair of forklifts, lift platforms, and telehandlers.

The OHW 3 package offers comprehensive information and tools for working on hydraulic systems, ensuring that technicians have the necessary resources to efficiently address any hydraulic-related issues. Additionally, it provides detailed installation and removal instructions for components, further simplifying the repair process.

This new license package for material handling complements the existing ESI[tronic] packages available for commercial vehicles (Truck), agricultural vehicles (OHW 1), and construction vehicles and engines (OHW 2). IAM workshops and customers now have the flexibility to choose the specific packages that meet their needs, whether it's individual licenses or a combination of multiple packages.

ESI[tronic] Evolution for Truck and OHW
New package available

With the OHW 3 software package, Bosch continues to demonstrate its commitment to providing comprehensive and specialized diagnostic solutions for various industries. The ESI[tronic] lineup ensures that workshops and customers have access to the latest tools and information required for efficient and accurate maintenance and repair work.
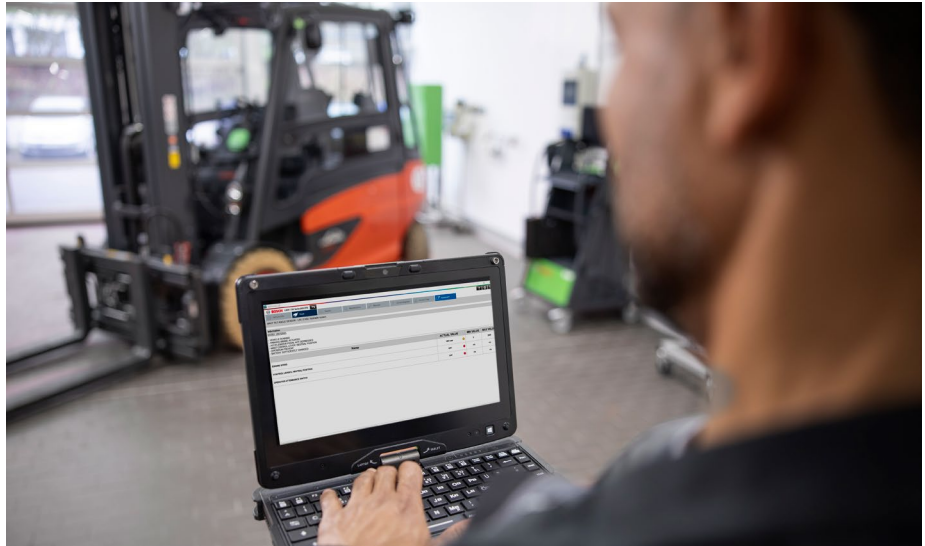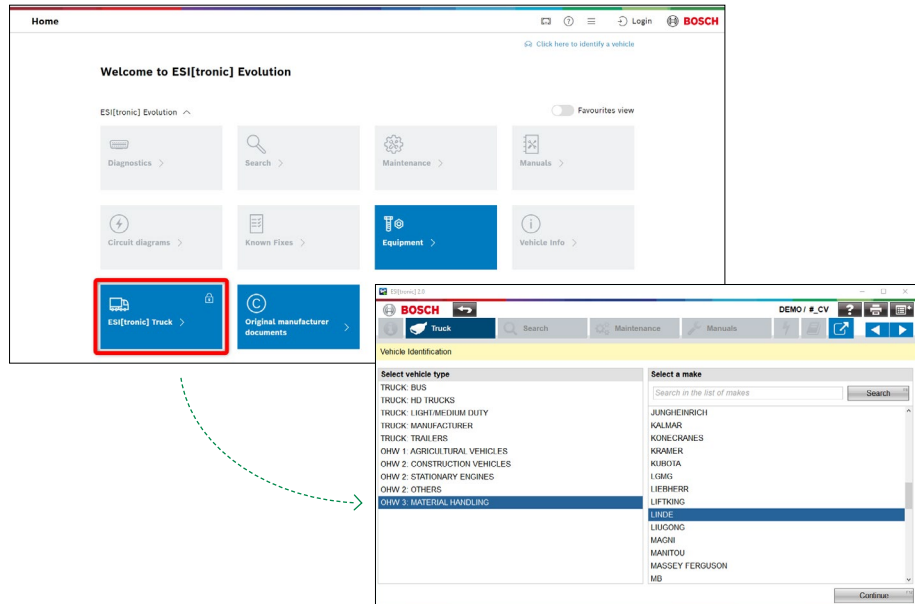
ESI[tronic] Evolution for Truck and OHW
New package available

Scope of diagnostic capabilities:

- 83 makes
- 2,150 models
- 6,460 electronic control systems
- 8,322 diagnostics capabilities
- 1,438 wiring diagrams
- 233,484 fault codes

ESI[tronic] Evolution for Truck and OHW
New vehicle-specific adapters
for material handling (OHW 3)

Manufacturer	Part number	Application	Description
ZF	1 684 465 919	OHW 3	Ergopower 6-Pin
Doosan	1 684 465 920	OHW 3	4-Pin
Jungheinrich	1 684 465 921	OHW 3	D-Sub 9-Pin
Linde	1 684 465 922	OHW 3	Rectangular 4-Pin
Still	1 684 465 923	OHW 3	Round CAN 4-Pin
Hyster & Yale	1 684 465 924	OHW 3	Triangular CAN
Genie	1 684 465 925	OHW 3	Round CAN

ESI[tronic] Evolution for Truck and OHW
New vehicle-specific adapters for material handling (OHW 3)

Manufacturer	Part number	Application	Description
Haulotte	1 684 465 926	OHW 3	Rectangular 6-Pin
Toyota	1 684 465 927	OHW 3	Round 4-Pin
Mitsubishi & Caterpillar	1 684 465 929	OHW 3	Rectangular RS232
Merlo service key	1 684 465 931	OHW 3	for additional diagnostic features
Power supply cable	1 684 465 932	OHW 3	USB type A to jack plug

KTS Truck – New generation
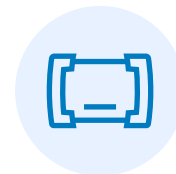
In April 2024 Bosch has launched the new KTS Truck VCI. The new KTS Truck is designed specifically for Truck/OHW vehicles, offering a range of exciting features and improvements.

One of the key highlights of the new KTS Truck is the PassThru functionality. This allows workshops to connect to the vehicle's electronic control units and perform advanced diagnostics, programming, and coding functions. With high coverage on Truck/OHW vehicles, the KTS Truck ensures that technicians have the necessary tools to efficiently diagnose and repair a wide range of commercial and off-highway vehicles.

The new KTS Truck also boasts a robust design with a protective side cover, providing better protection against rain and dust. This ensures that the device remains durable and reliable even in challenging workshop environments.

Furthermore, the KTS Truck offers enhanced performance through modern electronic architecture. This means faster communication and improved efficiency when diagnosing and troubleshooting vehicle issues. The device is future-proof thanks to its compatibility with new protocols, ensuring that workshops can stay up-to-date with the latest advancements in vehicle technology.

KTS Truck – New generation
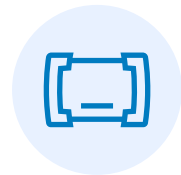
Bosch continues to innovate and provide new diagnostic solutions for IAM workshops and customers. The launch of the KTS Truck demonstrates the commitment to delivering high-quality tools that meet the specific needs of the Truck/OHW industry.

End of Support announcement for KTS 530 / KTS 540 / KTS 570

Dear readers,

this is to inform you about an important information regarding the support for certain diagnostic tools.

Starting with the release of ESI[tronic] Evolution 2025/1, we have to inform you that the diagnostic testers KTS 530, KTS 540, and KTS 570 will no longer be supported by ESI[tronic] Evolution after more than 17 years.

For those who wish to continue using these testers we recommend to stay on an older ESI[tronic] Evolution version. Therefore refrain from installing any updates. While this may not be the most ideal solution in terms of accessing the latest features and improvements, it allows you to continue using your current testers without any major disruptions.

However, we would like to take this opportunity to recommend that our customers consider upgrading to the latest models, KTS 560 or KTS 590. These models offer enhanced features, improved performance, and compatibility with the latest ESI[tronic] Evolution software. By upgrading, you can ensure that you continue to receive the best service and support from Bosch.

SDA 2021 until today

Secure Diagnostic Access (SDA) has been providing independent workshops with a free integrated solution since 2021. As the central and standardized protocol for access-protected diagnostic data, SDA allows workshops to access secure vehicle data from participating manufacturers through Bosch's ESI[tronic] Evolution diagnostic software.

Currently, SDA includes more than 20 vehicle brands, and this number continues to grow.

This is because certain diagnostic work, such as calibrating driver assistance systems or resetting the service notification, is only possible on many vehicles with manufacturer-specific access authorization. This can create technical and administrative challenges for workshops, as different manufacturers might have their own security solutions with varying access requirements and payment concepts.

However, SDA eliminates these issues by providing uncomplicated access through the use of a personal SingleKey ID. Workshop employees can register for this ID free of charge, and it can also be used for various other Bosch applications in both personal and professional settings. To utilize SDA, a valid ECU diagnostic license (SD), a KTS 560, 590, or 350 and an internet connection are required.

Bosch is actively engaged in discussions with other vehicle manufacturers to expand the scope of SDA further. As a result, additional brands will join SDA in 2024, strengthening the competitiveness of independent workshops even more. For detailed information and helpful tips on SDA, workshops can refer to the Help Center "ESI[tronic] Evolution".

08.2021

Volkswagen
Audi
Seat
Cupra
Skoda

2FA

02.2022

Fiat
Abarth
Alfa Romeo
Jeep
Chrysler
Dodge/RAM
Lancia

06.2022

Mercedes-Benz

ID.

09.2022

Ford

Porsche

12.2022

Renault
Dacia

05.2023

Hyundai
Kia

08.2023

Volvo

10.2023

Nissan

Subaru

11.2023

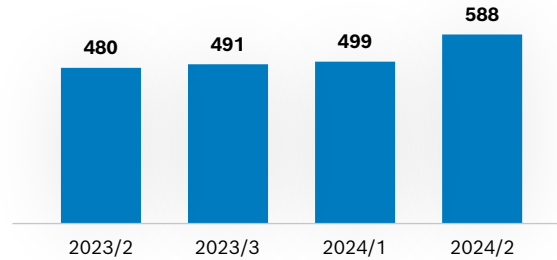Polestar

BOSCH

ESI[tronic] Truck News

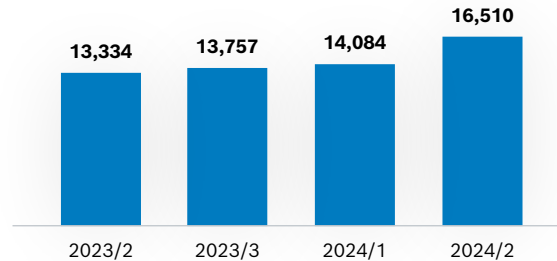**For our customers – we offer with the ESI[tronic] Update 2024/2**

- 89 New makes
- 2,426 New models
- 8,973 New electronic control systems
- 2,549 New diagnostics capabilities
- 298 New wiring diagrams
- 54,159 New fault codes

More information about
ESI[tronic] Truck can be found at:
boschaftermarket.com

Makes total

2023/2	2023/3	2024/1	2024/2
480	491	499	588

Models total

2023/2	2023/3	2024/1	2024/2
13,334	13,757	14,084	16,510

ESI[tronic] Truck News

General improvements:
- Improvements of user interface for **vehicle configurator**
- Shortcut in "Select System" for calling to **System Display**

Truck Package:
- **DAF** XF E6: ECAS-5 suspension control system, activation of the front axle suspension
- **MAN** Technical data in TG3 Series models with new vehicle data for 15,2 540/640 and 6,9 250 configurations
- **Mitsubishi Fuso** New EEC2 engine control system in the Canter Euro 6-E model

Agricultural Vehicles Package (OHW 1):
- **Fendt** MAN EDC 17 CV42 engine control system, reset of the pressure relief valve for 900 and 1000 Vario Series
- **Deutz-Fahr** EMR5 - EDC MD1 engine control system, activations and checks of the AdBlue/DEF system for 6-9 Series
- **John Deere** SB4, SB5 and SB6 hydraulic systems for the 6R Series model

ESI[tronic] Truck News

Construction Vehicles and Engines Package (OHW 2):
- **Case CE:** FPT EDC MD1 CS069 (on SAE J1939) engine control system, AdBlue/DEF metering valve check, injector coding, maintenance services in the exhaust gas aftertreatment system and component replacement operations
- **Liebherr** ECU2-HD (on UDS) engine control system, activations, system checks and the special function of fault code clearance of the aftertreatment system

Trailer:
- **HALDEX:** Haldex EB+ 4.0 EBS brake control system
- **WABCO:** EBS E brake control system, operation data related to the fault code history and the event recorder