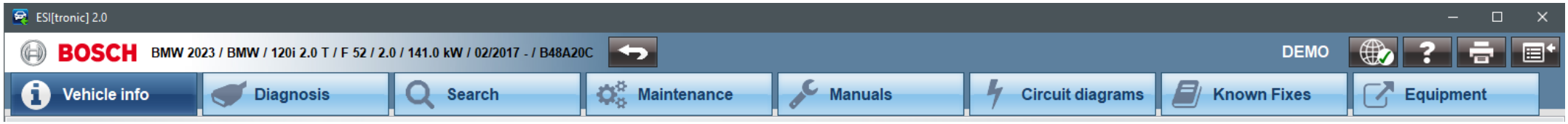
ESI[tronic] overview

Information packages



Vehicle info

ESI A

General vehicle information: covers the structure of the car, what systems that are equiped on the car, coverage of SD and SIS as well as information about where the diagnostic connector is located in offline mode.

Search

ESI Search

Search engine that searches through several ESI info types, vehicle systems, components and error codes. This functionality is available only in online mode.

Manuals

ESI SIS

Technical manuals: Information and troubleshooting instructions of the SIS / CAS, both vehicle-specific and general information as well as technical service bulletins from the manufacturer.

Known Fixes

ESI TSB/EBR

Technical service bulletins: Contains a description of known faults on the individual car, sorted by system (ABS, airbag, engine control, etc.) and by symptom. Each fault is described with cause, as well as what actions are recommended for a repair.

Diagnosis

ESI SD

Starts the vehicle diagnosis: Identification, error memory, erase error memory, actual values, function tests, adjustments/ settings, special functions, location of diagnostic connector in online mode.

Maintenance

ESI M

Maintenance and service informations: Service Schedules, service illustrations, manual service reset, reset service light, technical data, replacing the timing belt and programming of keys.

Circuit diagrams

ESI P

Vehicle specific wiring diagrams - auxiliary systems: for systems such as air conditioning, burglar alarm, central locking, seat heating, lighting and lamps, sunroof, powered windows, radio, manual service reset etc. For systems that are not contained in the SIS.

Equipment

ESI A, D, E, F, B, S, K1-3, W

Switches from ESI 2.0 to ESItronic] classic with spare parts lists from Bosch and ZF etc.

ESI[tronic] Online video's

Scan QR codes to view on Youtube

How to switch to online mode

Navigation structure, filter and search

How to use the search

Which information is available

How to use the context menu

ESI Demo vehicles

Several infotypes have been unlocked specifically for these seven vehicles. Enter online mode to try extended features

- Opel Insignia: OPE1127
- Opel Insignia: OPE1135
- BMW 325i: BMW954
- Nissan Qashqai: NIS2185
- Fiat 500: FIA2191
- VW Passat: VWW4025
- Renault Laguna: REN3506

VCI check - before you buy

Is the tester prepared for the technological advances ahead?

		KTS 560	KTS 590	KTS 350	KTS 250
CAN FD	• CAN FD (Flexible Datarate) is 10 times faster than the classic CAN system and is used for high speed data exchange in the car • The latest generation of Bosch KTS supports CAN FD as well as the conventional vehicle diagnostic interfaces.	✓	✓	✓	✓
Passthru	• Enabled via both SAE J2534-1 & J2534-2 standards • Passthru via OEM portals enables OEM functions such as electronic service book, component programming, trailer hitch, ADAS calibration, new ECU programming.	✓	✓	✓ *1	
Security Gateways	• EU regulation 858/2018 requres from OEMs to secure the diagnostic access, starting in September 2020. • With valid subscription / authorization ESI[tronic] unlocks the vehicle for full diagnostic possebilities.	✓	✓	✓	✓ *2
DoIP	• Diagnostic over IP, enables Ethernet data transfer of up to 200 times faster than previous technologies. • Some functions like initialization or calibration may only be possible through Ethernet interface.	✓	✓	✓	✓
Integrated Measuring Technology	• Conduct quick and efficient, repair and maintenance using Bosch vehicle system analysis technology. • KTS 560 has a 1-channel multimeter built in. KTS 590 has a 2-channel multimeter and Oscilloscope built in.	✓	✓		
VM software compatibility	• Compatible with vehicle manufacturer diagnose software. • No need to buy diagnostic hardware from multiple vehicle manufacturers.	✓ *3	✓ *3		

1. Limited Passthru capabilities due to OE hardware and software requirements.
2. KTS 250 is currently only supporting Mercedes Seed & key. The FCA backend software does currently only support windows operating systems.
3. It is not all vehicle manufacturers that offer full diagnose as a Passthru solution. The access may be limited and functionality reduced.