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Plochingen  
28. March 2008

# ESI[tronic] Info 2008/2

Recipients All internal employees working on the topic ESI[tronic]



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You find the complete vehicle list in ESI[tronic] in the menu bar “?”, "vehicle list“, “SIS-trouble shooting instruction” or alternatively “KTS 505-670”. All car makes are listed there. You will find the systems which are integrated into ESI[tronic] with this update under the category “New”.

## 1. New content of ESI[tronic] version 2008/2

### 1.1 New SIS instructions with version 2008/2

The ESI[tronic] version 2008/2 includes new SIS for 868 vehicles.

**Passenger cars:** Acura (54), BMW (72), Citroen (18), Fiat (26), Mercedes-Benz (47), Nissan (53), Peugeot (66), Renault (192), Saab (17), Toyota (15), VW (156).

The key aspects are: Gear control, Airbag, ABS/ESP, Service Interval Reset, Heater / Air conditioner and Gear control.

### 1.2 SIS highlights with DVD 2008/2

Passenger cars	Model series	System name
BMW	5 [E60/61]	Engine management EDC 16
Ford	Focus II, Focus C-Max [04]	Engine management EDC 16
Mercedes	E320 CDI	Engine management EDC 16
	Current GL-, M- and R-Class	Body service - Manual reset
Nissan	Quaskai	Body service - Manual reset
Peugeot	307	ESP 8.0
Saab	900	Body service - Manual reset
Suzuki	Ignis	Heater / Air conditioner
Toyota	Aytago	Engine management Motronic ME 7.3H4 (OBD) and TCCS V2
VW	Passat [3C]	Heater / Air conditioner

**NEW**





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**1.3 New ECU diagnosis software with version 2008/2**

The update includes new diagnosis software for **2612 vehicles**. Furthermore the diagnosis software is revised and available for **1966 vehicles**.

**Passenger cars:** BMW (240), Chrysler (62), Citroen (52), Ford (273), Mercedes-Benz (84), Mitsubishi (56), Opel (244), Renault (94), Toyota (292), Vauxhall (115), VW (789).



**1.4 SD highlights with DVD 2008/2**

Passenger cars	Model series	System name
BMW	1 [E87], 3 [E90,91,92,93]	Info Display
	3 [E36]	Airbag
	3 [E46], 5 [E39], 7 [E38], X5 [E53], Z4	Gear control
	Z4, X3	Instrumentation
Ford	Escape, Mustang V, Taurus	Central electronics system
	Explorer, Fairlane	ABS
	Fairmont, Falcon, FPV	ESP
	Focus II, Focus C-Max [04]	Lighting control
	Fairlane, Fairmont, Falcon	Gear control
Opel	Astra [G], Corsa [C], Meriva, Omega [B], Signum, Vectra [C]	Lighting control
	Corsa [D]	High-Speed-CAN
	Corsa [D], Meriva	Common Rail EDC, DCE1C
Toyota	Corolla [E12], Crown [S15,17], Mark II, Camry, Highlander	Gear control





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## 1.5 Growth of infotype C constructions with version 2008/2

In relation to version 2008/1 the ESI[tronic] 2008/2 growth of new infotype C constructions within the single languages is as follows:



Language	Number of instructions
Bulgarian	132
Chinese	132
Danish	135
German	132
English	132
Finnish	132
French	132
Greek	133
Italian	132
Japanese	132
Korean	134
Croatian	132
Dutch	134
Polish	132
Portuguese	134
Romanian	132
Russian	132
Swedish	133
Spanish	132
Czech	132
Turkish	153
Hungarian	132

All available instructions of each language in version 2008/1 exist as well with version 2008/2.



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## 1.6 Special article number information for version 2008/2

The ESI[tronic] version 2008/2 will be offered on **two different DVD's**:

- ✓ **Update DVD U (SNR 1 987 729 601) and**
- ✓ **Update DVD TD (SNR 1 987 729 602).**

Additionally to the part numbers of the virtual media products specified above the Update DVD U has the **article number 1 987 P10 074 999** and Update DVD TD the **article number 1 987 P10 078 999**.

**The DVD U contains the infotypes A, B, C, D, E, F, K, M, P, S, W.**

Customers, who have subscribed the infotype **TD** will receive additionally **DVD TD** for installation. **Please assure that the user always installs Update DVD U first with the setup before installing Update DVD TD.**

**The CompacSoft[plus]-customers get with ESI[tronic] version 2008/2 the release number 1 687 P10 043 999 and the software package CompacSoft Motortest with the release number 1 687 P10 047 999.** The software package **Compacsoft „Emission inspection- vehicle target data”** has the **release number 1 687 P10 039 999**.

The new **MSI** is ready with the **release number 1 987 P10 087 999**.





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## 2. Current topics and new features with version 2008/2

**NEW**

### 2.1 ESI[tronic] C: Vehicle diagnosis with table view

System (repair view)	Search result
<input type="radio"/> Petrol (OBD)	Engine control
<input checked="" type="checkbox"/> Engine control	Mono-Motronic 3
<input checked="" type="checkbox"/> ABS	ABS
<input checked="" type="checkbox"/> Instrumentation	ABS 5.0 3
<input checked="" type="checkbox"/> Gear control	Instrumentation
<input checked="" type="checkbox"/> Airbag	Combined instr. 1.0 1
<input checked="" type="checkbox"/> HVAC	Gear control
<input checked="" type="checkbox"/> Immobilizer	GS 2x 3
<input checked="" type="checkbox"/> Lighting control	Airbag
<input checked="" type="checkbox"/> Central mod., comfort	Airbag VW 1
<input checked="" type="checkbox"/> Central locking sys.	HVAC
<input checked="" type="checkbox"/> Interior monitoring	Systems found
<input checked="" type="checkbox"/> CAN bus	
<input checked="" type="checkbox"/> Parking aid	
<input checked="" type="checkbox"/> Drv. seat electronics	
! Presetting: K=7 L=15 CAN-Hi=6 CAN-Lo=14	

The ESI[tronic ] is extended by a new feature. Starting with version 2008/2 the search results of the ECU diagnosis are **tabulated**.

System (service view)	Search result
<input type="radio"/> Petrol (OBD)	Inspection / oil change
<input checked="" type="checkbox"/> Inspection / oil change	Combined instr. 1.0 1
<input type="checkbox"/> Battery / alternators	Non-search system
<input type="checkbox"/> Lighting	Interval reset 3.0
<input type="checkbox"/> Air conditioner service	Interval reset 3.0.1
<input type="checkbox"/> Brake / safety	Battery / alternators
<input type="checkbox"/> Tires	Battery management 3.1 1
<input type="checkbox"/> Shock absorber	Brake / safety
<input type="checkbox"/> Running gear analysis	ABS 5.0 3
<input type="checkbox"/> Accessories	Non-search system
	Elect. parking brake 3.0
	El. parking brake 3.1
Please select system.	

ABS	
ABS 5.0	3
<b>System</b>	<b>Number of errors</b>

Systems and stored errors are indicated very **clearly** and **compactly** by the new visualization possibility. This feature opens the door to reach the necessary informations in an easy and faster way.



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## 2.2 New possibilities by CAN diagnosis for workshops

The control units in a vehicle communicate via the CAN bus. Furthermore they exchange data and steer the sensor technology and actuating elements.

The new **high-speed CAN 1.0 diagnosis software** for Opel/Vauxhall saves time and offers an extra potential for the future. This feature will enable workshop specialists to make use of the open CAN bus architecture.

The advantages which result are:

- The **error memories** of all control units linked to the **high-speed CAN** can be easily and quickly read out. **An overall impression** of the vehicle condition can be gained because of this function.
- **All error memories can be simultaneously erased.** The probability of a **renewed error entry** caused by defective control units linked to the bus will be reduced.
- **Basic functions** like "**Identification**" and "**Read/erase error memory**" are available as soon as a new model series is launched. It will be possible to **rectify errors** in vehicle systems even if **no system-specific diagnosis software** is available on the KTS at that point.
- The **Identification test step** provides the service specialist with specific information on the individual systems such as engine code or control unit number, which may be required for **subsequent vehicle repair work**.

Error display with [ >> ]

No. of errors	system group
1	Engine control
1	Gear control
1	Lighting control
1	ABS
1	Steering
1	Running gear analysis
1	Central electronics 1
1	Conveniences



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The diagnosis software will be available in the DVD distribution 2008/2 for the **Opel/Vauxhall** and **Corsa [D]** model series. The intention is to extend successively the scope to include all Opel/Vauxhall model series with CAN diagnosis interface. At a further development stage in the future, various actual values will be read out directly from the CAN data bus and displayed in the **high-speed CAN 1.0 Software**.

With the ESI[tronic]-News 2008/3 all customers will receive this detailed information.

### 3. Information about the current dispatch

**The dispatch start for the version 2008/2 is the end of April.**

Enclosed to the DVDs you will find the **ESI[tronic] News 2008/2** with the following topics:

- **KTS 200 Startcenter:**  
ESI[tronic] News always at your hand
- **New and up-to-date – ESI[tronic] C:**  
ECU diagnosis and troubleshooting instructions  
Tabular display of search result: clearly arranged and compact
- **Application of the ECU diagnosis:**  
Rear wiper deactivation  
Injector Adaptation for foreign Ford systems

The dates for the handing over to carriers for all countries are published in the ESI[tronic] forum in the intranet shortly after the dispatch.




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#### 4. Preview ESI[tronic]- Info 2008/3: Planned software projects

**Preview**

Passenegr cars	Model series	System name
BMW	X3 [E83]	Heater / Air conditioner 1.3
	1, 3 [E90]	Instrumentation 3.0
	5 [E60]	Instrumentation 3.1
	Z4	Heater / Air conditioner 1.4
Citroen	C5, C8	Gear control 4HP20
Ford	Mondeo IV (2007->)	Navigation system LS 1.0
	Mondeo IV (2007->)	Navigation system HS 1.0
	Mondeo IV, S-Max	Motronic ME 9.0F EUCD
Landrover	Discovery	Airbag 'TRW SPS
	Range Rover	
Mercedes	CLS-Class	SBC (Sensotronic Brake Control) 3
	E-Class [W211]	
Opel	Corsa-B	Electromechanical power steering 3.3
	Astra-H	CR/EDC Multi 6JO
	Corsa-D	
	Meriva	
Peugeot	407	Electromechanical hydraulic power steering 1.0
	406	Gear control 4HP20
	607	
Renault	Clio III	SIM 32 CAN
	Modus	
	Espace IV	ESP MK 60.1
	Clio III	Sagem S3000
	Laguna II	
	Megane/Scenic II	
Modus		
Suzuki	SX4	ESP 8.0
Toyota	Corolla	CR/EDC 3.0
	Avensis	
	RAV4	
Volvo	C30	Additiv system 1.0
	S40	
	V50	
VW	Passat [3C]	Tyre control system 3.0

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