

**Dealer**

Scotthall Hampshire

Chesnut Avenue Eastleigh

No. 005334

Order number: .....

Key number: .....

Contact for  
Queries: .....

10370

RZ

**DIS:**

Basic system CD52.0 V52.01.01

DIS Programme V 57.0 (03/02)

uk

0 United Kingdom

**Vehicle:**

Type: 5 Series\_E60/E61 535d\_M57/TUTOP\_LIM EUR\_RHD 2005\_09

VIN (chassis no.):

Total distance travelled: 123648\_km

Identification: Automatic

Start Diagnosis 18.11.2009, 15:18

**Quick test:**

No.	Result	System	Inspection code	Variant
1.	!	CAS Car Access System		cas
2.	X	DDE Diesel Electronics		d60m57d0
3.	!	EGS transmission management		gs19b
		Part number, programmed control module 7560696		
		Program version 047G150P461Z		
4.	!	EKPS Fuel-pump control		ekpm60_2
5.	!	DSC Dynamic Stability Control PLUS		dxs8_p
6.	X	ACSM Crash Safety Module		acsm60
7.	!	CCC-BO User interface		ccc_60
8.	!	CCC-GW Gateway		ccc60
9.	X	CDC CD Changer		cdc_e65
10.	X	CID Central Information Display		cid_90
11.	!	CON Controller		zbeh60
12.	!	DWA anti-theft alarm system		dwa_e65
13.	X	IHKA Integrated automatic heating/air conditioning		ihka60
14.	!	KBM Body basic module		kbm_60
15.	!	KGM Body Gateway Module		kgm_60
16.	X	INSTR Instrument cluster		komb60
17.	X	LM2 Light module 2		lm_60
18.	!	PDC Park Distance Control		pdc_65_2
19.	!	RLS Rain/Light Sensor		rls_e65
20.	X	SZL Steering column switch centre 2		szl_60
21.	!	SZM Switching centre, centre console		szm_60
22.	!	SINE Siren and tilt sensor		sine_65
23.	X	MOST system analysis		most_60
24.	X	CAN system analysis		can_60_2
25.	!	Saloon/sedan		
26.	!	Right-hand drive		
27.	!	Automatic gearbox		gs19b
28.	!	Diesel		
29.	!	M57/TUTOP engine		
30.	!	IHKA High		
31.	!	Exhaust emission regulations EU4		
32.	!	Electric steering column lock		

**Test schedule Start of diagnosis**

## DIS test schedule

DDE - 4222 DDE: Glow plug, cylinder 2, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
DDE - 4242 DDE: Glow plug, cylinder 4, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
DDE - 4262 DDE: Glow plug, cylinder 6, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
DDE - 4232 DDE: Glow plug, cylinder 3, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
- Heating control B1362\_D5BSDGSG  
LM - 931C LM: Tail light (E65), clearance light (E60 Halogen), inside right, faulty - Open circuit - Fault currently not present  
LM - 931B LM: Tail light (E65), clearance light (E60 Halogen), inside left, faulty - Open circuit - Fault currently not present  
LM - 930D LM: Clearance light, right (E60, E65), outer (E60 Halogen), faulty - Open circuit - Fault currently not present  
LM - 930C LM: Clearance light, left (E60, E65), outer (E60 Halogen), faulty - Open circuit - Fault currently not present  
- Side lights B6300\_60012  
DDE - 43F2 DDE: Electric auxiliary heater, activation - Open circuit - Fault currently present - Fault does not cause the warning lamp to light up  
DDE - 43F1 DDE: Electric auxiliary heater, activation - Short circuit to ground - Fault currently not present - Fault does not cause the warning lamp to light up  
- Electric auxiliary heater B1362\_D5HWT  
ACSM/MRS - 93A9 ACSM/MRS: Belt tensioner, driver - - - - Fault currently present  
ACSM/MRS - 93F8 ACSM/MRS: Anchor-fitting tensioner, driver - - - - Fault currently present  
- Firing circuits B6577\_ACSM1  
CID - A46A CID: Cutout due to overtemperature (no fault) - - - - Fault currently not present  
- CID Central Information Display supply B6582\_60100  
DDE - 3EED DDE: Power management, closed-circuit current violation - Closed-circuit current fault - Fault currently not present - Fault does not cause the warning lamp to light up  
- Energy diagnosis B6131\_60112\_2  
ACSM/MRS - 93BA ACSM/MRS: Seatbelt-catch contact, driver - - - - Fault currently not present  
- Belt-buckle contact B6577\_ACSM3  
INSTRUMENT - 9319 KOMBI: Tank sensor 1 - Signal or value above threshold - Fault currently not present  
INSTRUMENT - 931A KOMBI: Tank sensor 2 - Signal or value above threshold - Fault currently not present  
- Fuel gauge B6211\_50005  
MOST - FFF3 MOSTSYS: MOST system analysis: 1 fault found  
- MOST system analysis B6500\_61154  
LM - 930B LM: Dipped beam, right, faulty - Open circuit - Fault currently not present  
LM - 930A LM: Dipped beam, left, faulty - Open circuit - Fault currently not present  
- Low-beam headlights B6300\_60103  
IHKA - E706 IHKA: Heater - A/C systems, LIN bus fault - only the blower control responds to the LIN bus - Fault currently present  
- LIN bus B6450\_50002  
LM - 9322 LM: Reversing light, right, faulty - Open circuit - Fault currently not present  
- Reversing lights B6300\_60034  
CAN - FFFF CANSYS: Communication fault  
- System analysis B6131\_60117  
Seat - No communication possible  
- Seat module, passenger, supply B5210\_60020  
SZL - 951D SZL: Direction indicator/high-beam switch - Signal implausible - Fault currently not present  
- Turn-signal/headlight-dipping switch B6300\_FAFES  
CDC - 9D2B CDC: Changer mechanism, magazine ejection - - - - Fault currently not present  
- CD changer B6512\_CDCMAG  
IHKA - 9C67 IHKA: Heat exchanger for heating system, sensor, left - Signal or value above threshold - Fault currently present  
- Heat exchanger for heating system, sensor, left B6450\_50027  
IHKA - 9C60 IHKA: Heat exchanger for heating system, sensor, right - Signal or value above threshold - Fault currently present  
- Heat exchanger for heating system, sensor, right B6450\_50028  
IHKA - 9C5C IHKA: Evaporator temperature sensor - Signal or value above threshold - Fault currently present  
- Evaporator temperature sensor B6450\_50032  
INSTRUMENT - A559 KOMBI: Instrument cluster: Power supply switched off - - - - Fault currently not present  
- Instrument cluster: Power supply switched off B6211\_KL30GF  
Seat - No communication possible  
- Seat module, driver, supply B5210\_60000  
Own test schedule  
- CBS correction, vehicle data SCBS\_6004

**Current test schedule**

## DIS test schedule

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DDE - 4242 DDE: Glow plug, cylinder 4, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
DDE - 4262 DDE: Glow plug, cylinder 6, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
DDE - 4232 DDE: Glow plug, cylinder 3, activation - Open circuit - Fault currently not present - Fault does not cause the warning lamp to light up  
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DDE - 43F1 DDE: Electric auxiliary heater, activation - Short circuit to ground - Fault currently not present - Fault does not cause the warning lamp to light up  
- Electric auxiliary heater B1362\_D5HWT  
ACSM/MRS - 93A9 ACSM/MRS: Belt tensioner, driver - - - - Fault currently present  
ACSM/MRS - 93F8 ACSM/MRS: Anchor-fitting tensioner, driver - - - - Fault currently present  
- Firing circuits B6577\_ACSM1  
CID - A46A CID: Cutout due to overtemperature (no fault) - - - - Fault currently not present  
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IHKA - 9C67 IHKA: Heat exchanger for heating system, sensor, left - Signal or value above threshold - Fault currently present  
- Heat exchanger for heating system, sensor, left B6450\_50027  
IHKA - 9C60 IHKA: Heat exchanger for heating system, sensor, right - Signal or value above threshold - Fault currently present  
- Heat exchanger for heating system, sensor, right B6450\_50028  
IHKA - 9C5C IHKA: Evaporator temperature sensor - Signal or value above threshold - Fault currently present  
- Evaporator temperature sensor B6450\_50032  
INSTRUMENT - A559 KOMBI: Instrument cluster: Power supply switched off - - - - Fault currently not present  
- Instrument cluster: Power supply switched off B6211\_KL30GF  
Seat - No communication possible  
- Seat module, driver, supply B5210\_60000

## Own test schedule

OK CBS correction, vehicle data SCBS\_6004  
OK Software status B6100\_ISTUFE

**Test 1: SCBS\_6004**

Test step / action	Output	Result
Test step FILIO_config		
Test step Start		
Test step SG_groups		
Control module functions	D_EXX: INITIALISIERUNG& VARIANTE	E60
Control module functions	D_MOTOR: IDENT& VARIANTE	D60M57D0
Control module functions	D_DSC: IDENT& VARIANTE	DXC8_P
Control module functions	D_KLIMA: IDENT& VARIANTE	IHKA60
Control module functions	D_KOMBI: IDENT& VARIANTE	KOMB60
Control module functions	D_CAS: IDENT& VARIANTE	CAS
Control module functions	D_MOTOR2: IDENT& VARIANTE	
Control module functions	D_CCC: IDENT& VARIANTE	CCCA60
Control module functions	CCCA60: LESEN_TELEFONNUMMERN& JOB_STATUS	OKAY
Control module functions	D60M57D0: CBS_INFO& CBS_VERSION_TEXT	CBS 4
Control module functions	DXC8_P: CBS_INFO& CBS_VERSION_TEXT	CBS 1-3
Control module functions	IHKA60: CBS_INFO& CBS_VERSION_TEXT	CBS 1-3
Control module functions	KOMB60: CBS_INFO& CBS_VERSION_TEXT	CBS 1-3
Control module functions	D_TEL: IDENT& VARIANTE	
Control module functions	CCCA60: LESEN_TELEFONNUMMERN& JOB_STATUS	OKAY
Control module functions	KOMB60: STATUS_BOS_CODIERUNG&20 STAT_BOS_CODIERUNG	1
Test step Tester time		
Control module functions	KOMB60: STATUS_BETRIEBSDATEN_HEADER& STAT_AKTUELLES_DATUM_WERT	3610
Question	Settings on DIS tester:  Date: 18.11.2009  Time: 15:38:48  Are current date and time correct?	Yes
Test step Date		
Control module functions	KOMB60: UHRZEIT_DATUM_STELLEN& JOB_STATUS	OKAY
Test step CBS_selection		
Control module functions	KOMB60: STATUS_BETRIEBSDATEN_HEADER& STAT_MODE_WERT	2
Control module functions	D60M57D0: CBS_DATEN_LESEN& ID_FN_CBS_MESS_WERT	1
Control module functions	IHKA60: CBS_DATEN_LESEN& ID_FN_BOS_MESS_WERT	4
Question	Selection scope of CBS correction [1] - Engine oil - Diesel particle filter - Front brake - Rear brake - -- [2] - Brake fluid - Microfilter - Vehicle - Exhaust emission	

	- Vehicle check	
	[3]	
	- Phone numbers - Date of first registration	
	- Annual kilometre reading	
	[4]	
	- End	1
Test step CBS_1_values		
Control module functions	DXC8_P: CBS_DATEN_LESEN& AVAI_BOS_WERT	97
Control module functions	DXC8_P: CBS_EEPROM_LESEN& STAT_PARAMETER_KORR_FAKTOR_VA	0.03
Control module functions	KOMB60: CBS_DATEN_LESEN& AVAI_BOS_WERT	73
Control module functions	D60M57D0: CBS_DATEN_LESEN& AVAI_CBS_WERT	83
Test step CBS_1		
Question	Scope of CBS correction, selection 1	
	CBS value / availability / service counter / forecast	
	[1] Engine oil (83) [%] / (4) / (30000) [km]	
	[2] Diesel particle filter (40) [%] / (1) / (200000) [km]	
	[3] Front brakes (97) [%] / (2) / (1333333) [km]	
	[4] Rear brakes (69) [%] / (2) / (7656) [km]	
	[5] -- (0) [%] / (0) / (-) [days]	
	[6] Back to selection CBS items	6
Test step CBS_selection		
Control module functions	KOMB60: STATUS_BETRIEBSDATEN_HEADER& STAT_MODE_WERT	2
Control module functions	D60M57D0: CBS_DATEN_LESEN& ID_FN_CBS_MESS_WERT	1
Control module functions	IHKA60: CBS_DATEN_LESEN& ID_FN_BOS_MESS_WERT	4
Question	Selection scope of CBS correction	
	[1]	
	- Engine oil - Diesel particle filter	
	- Front brake - Rear brake	
	- - -	
	[2]	
	- Brake fluid - Microfilter	
	- Vehicle - Exhaust emission	
	- Vehicle check	
	[3]	
	- Phone numbers - Date of first registration	
	- Annual kilometre reading	
	[4]	
	- End	2
Test step CBS_2_values		
Control module functions	IHKA60: CBS_DATEN_LESEN& AVAI_BOS_WERT	0
Control module functions	KOMB60: CBS_DATEN_LESEN& AVAI_BOS_WERT	73
Test step CBS_2		
Question	Scope of CBS correction, selection 2	
	CBS value / availability / service counter / forecast	
	[1] Brake fluid (83) [%] / (3) / (0) [months]	
	[2] Microfilter (0) [%] / (2) / (0) [months]	
	[3] Vehicle inspection: (7) / (2010) / (24) [months]	
	[4] Exhaust emission inspection: deactivated [months]	
	[5] Vehicle check (92) [%] / (3) / (0) [months]	
	[6] Back to selection CBS items	6
Test step CBS_selection		
Control module functions	KOMB60: STATUS_BETRIEBSDATEN_HEADER& STAT_MODE_WERT	2
Control module functions	D60M57D0: CBS_DATEN_LESEN& ID_FN_CBS_MESS_WERT	1

Control module functions	IHKA60: CBS_DATEN_LESEN& ID_FN_BOS_MESS_WERT	4
Question	Selection scope of CBS correction [1] - Engine oil - Diesel particle filter - Front brake - Rear brake - - - [2] - Brake fluid - Microfilter - Vehicle - Exhaust emission - Vehicle check [3] - Phone numbers - Date of first registration - Annual kilometre reading [4] - End	4
Test step End		
<b>Test 2: B6100_ISTUFE</b>		
Test step / action	Output	Result
Test step Display, I-stage Control module functions	d_exx: I_STUFE_LESEN& I_STUFE_HO	0

**Comment**

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