


VIN	4JGBF2FEXBA749094	Model series/model designation	164.825
Order number		License plate	

Filter status: All control units

CGW - Central gateway				- ✓ -
MB number	HW version	SW version	Diagnosis version	Pin
1645403662	10.2006	48.2005	6/3	101
FW number		FW number (data)	FW number (boot SW)	
1644480427 1644420527		1644471024		

EZS - Electronic ignition switch				- f -
MB number	HW version	SW version	Diagnosis version	Pin
1649051600	09.14.01	09.14.02	000002	101
FW number		FW number (data)	FW number (boot SW)	
Code	Text			Status
900116	Undervoltage supply			STORED
900516	Terminal 30 NOT PRESENT			STORED

CDI 6BIN5EU6 - Common Rail Diesel Injection				- f -
MB number	HW version	SW version	Diagnosis version	Pin
6429010400	08.48.00	10.37.00	020622	101
FW number		FW number (data)	FW number (boot SW)	
6429024800 6429035502 6429026800				
Code	Text			Status
156000	The negative control deviation of exhaust gas recirculation control is too high.			STORED
108800	The signal from component B6/1 (Camshaft Hall sensor) is faulty.			STORED
10E300	The number of combustion misfires at cylinder 4 is too high. 			STORED

10E500	The number of combustion misfires at cylinder 5 is too high.		STORED
10E700	The number of combustion misfires at cylinder 6 is too high.		STORED
10E800	The number of combustion misfires is too high at several cylinders.		STORED
155500	Control module has an internal error.		STORED

SCR - Selective Catalytic Reduction				- ✓ -
MB number 1644460054	HW version 07.10.00	SW version 07.37.00	Diagnosis version 00171B	Pin 101
FW number 0004482254 6429020301 6429036401		FW number (data)	FW number (boot SW)	

ETC - Electronic transmission control				- ✓ -
MB number 0034460310	HW version 47.2006	SW version 47.2010	Diagnosis version 4/2	Pin 101
Serial number 2202700060	FW number 0009029704	FW number (data)	FW number (boot SW)	

VG - Transfer case				- ! -
MB number	HW version	SW version	Diagnosis version	Pin 101

HAQ - Interwheel differential lock at rear axle				- ! -
MB number	HW version	SW version	Diagnosis version	Pin 101

ISM - Intelligent servo module				- ✓ -
MB number 0054461810	HW version 10.26.00	SW version 08.24.00	Diagnosis version 000017	Pin 101
FW number 0124484610 0114489810		FW number (data)	FW number (boot SW)	

IRS-HRA - Outer right rear intelligent radar sensor system				- ✓ -
MB number 0065428118	HW version	SW version 10.14.00	Diagnosis version 000001	Pin 101
FW number 0009024604		FW number (data)	FW number (boot SW)	

IRS-HLA - Outer left rear intelligent radar sensor system				- ✓ -
MB number 0065428118	HW version	SW version 10.14.00	Diagnosis version 000001	Pin 101
FW number 0009024604		FW number (data)	FW number (boot SW)	

AIRmatic				- ✓ -
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MB number 2515454132	HW version 12.2008	SW version 38.2008	Diagnosis version 4/4	Pin 101
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ESP - Electronic stability program - f - **i**

MB number 1645458232	HW version 07.05	SW version 08.40	Diagnosis version 3/3	Pin 101
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FW number 2519020000	FW number (data)	FW number (boot SW)
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Code	Text	Status
5136	This fault can be ignored and erased.	STORED

Event	Text	Status
5539	One or more signals sent from control unit N51 (AIRmatic with ADS control module) via the CAN bus is implausible.	Event STORED
6001	The supply voltage of the control unit is too low (undervoltage).	Event STORED

TPC - Tire pressure monitor - ✓ -

MB number 0035403545	HW version 07.44.03	SW version 08.39.00	Diagnosis version 000000	Pin 101
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FW number 0004420637	FW number (data)	FW number (boot SW)
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AB - Airbag **i**

MB number 1648205785	HW version 07.06	SW version 07.29	Diagnosis version 0/14	Pin 101
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FW number	FW number (data) 1644472142	FW number (boot SW)
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Event	Text	Status
9006	Undervoltage at terminal 30	Event STORED
9007	Undervoltage at terminal 15R	Event STORED

WSS - Weight sensing system **i**

MB number 2119010300	HW version 08.38	SW version 09.23	Diagnosis version 2/2	Pin 101
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Event	Text	Status
C001	Undervoltage	Event STORED


SAM-F - Signal acquisition and actuation module front - f - **i**

MB number 1645456716	HW version 09.09	SW version 10.07	Diagnosis version 0/11	Pin 101
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FW number 1649025300	FW number (data)	FW number (boot SW)
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Code	Text	Status
9006	Component E1e2 (Left low beam) is faulty or the lead has open circuit.	STORED
9008	Component E2e2 (Right low beam) is faulty or the lead has open circuit.	STORED

900F	The component or the signal line to the component E1e6 (Left side marker lamp) has Open circuit or Short circuit to ground.	STORED
9010	The component or the signal line to the component E2e6 (Right side marker lamp) has Open circuit or Short circuit to ground.	STORED
9011	The component or the signal line to the component E1e5 (Left turn signal lamp) has Open circuit or Short circuit to ground.	STORED
9012	The component or the signal line to the component E2e5 (Right turn signal lamp) has Open circuit or Short circuit to ground.	STORED
9030	The component or the signal line to the component F58kF (Fanfare horn relay) has Short circuit to ground.	STORED
9064	S21/4 (Right rear power window switch) : The switch is sticking.	STORED
Event		
Text		Status
9043	Circuit 30 (1) has an undervoltage of < 7 V.	Event STORED
9045	Circuit 30 (2) has an undervoltage of < 7 V.	Event STORED

REAR SAM - Rear signal acquisition and actuation module				- f - 
MB number	HW version	SW version	Diagnosis version	Pin
1645457516	09.34	10.14	0/11	101
FW number		FW number (data)	FW number (boot SW)	
1649025700				
Code	Text	Status		
914F	Component F4kR (Circuit 15R relay) is defective or missing, or the feed line has Short circuit to ground or open circuit.	STORED		
916A	Trailer reversing lamp faulty (Short circuit to ground)	STORED		
913E	Component E4e3 (Right backup lamp) or line to component has short circuit to ground.	STORED		
917A	Trailer stop lamp faulty (Short circuit to ground)	STORED		
9176	Left trailer turn signal lamp faulty (Short circuit to ground)	STORED		
9172	Right trailer turn signal lamp faulty (Short circuit to ground)	STORED		
9106	Component E4e4 (Right stop lamp) or line to component has short circuit to ground.	STORED		
9102	Component E3e4 (Left stop lamp) or line to component has short circuit to ground.	STORED		
913F	Component E4e3 (Right backup lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
912B	Component E3e3 (Left backup lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
9137	Component E4e8 (Right taillamp, side-marker lamp, parking lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
9127	Component E3e8 (Left taillamp, side-marker lamp, parking lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
9107	Component E4e4 (Right stop lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
9103	Component E3e4 (Left stop lamp) or the line to the component has a short circuit to positive or open circuit.	STORED		
9095	The output of component F4kR (Circuit 15R relay) has Short circuit to positive.	STORED		
90DE	Obstruction sensor of right rear vent window has Short circuit to ground.	STORED		

923A	M21/8 (Left vent window motor) : Short circuit to ground or open circuit	STORED
Event		
Text		
Status		
C361	Event : Local undervoltage at circuit 30 (voltage < 9.5 V)	Event STORED

OCP - Overhead control panel				
MB number	HW version	SW version	Diagnosis version	Pin
1648703326	06.48	08.15	0/8	101
FW number		FW number (data)	FW number (boot SW)	
1644420423				
Event				
Text				
Status				
9005	Control unit N70 (Overhead control panel control unit) was disconnected from tml. 30.			Event STORED
9010	The voltage was less than 9,0 V during 5 s.			Event STORED

UCP - Upper control panel				
MB number	HW version	SW version	Diagnosis version	Pin
1648709210	05.48	05.20	0/7	101
Event				
Text				
Status				
9036	Undervoltage detection . Undervoltage is not detected until after 5 s and a voltage of < 9.5 V.			Event STORED

RevETR-LF - Left front reversible emergency tensioning retractor				
MB number	HW version	SW version	Diagnosis version	Pin
1649012800	09.52.00	10.40.00	000204	101
FW number		FW number (data)	FW number (boot SW)	
1649025400				
Event				
Text				
Status				
B210C16	The power supply is outside the valid range. The limit value for electrical voltage has not been attained.			Event STORED
U045231	Implausible data were received from the supplemental restraint system (SRS). The signal is not present.			Event STORED

RevETR-RF - Right front reversible emergency tensioning retractor				
MB number	HW version	SW version	Diagnosis version	Pin
1649012900	09.52.00	10.40.00	000204	101
FW number		FW number (data)	FW number (boot SW)	
1649025400				
Event				
Text				
Status				
B210C16	The power supply is outside the valid range. The limit value for electrical voltage has not been attained.			Event STORED
U045231	Implausible data were received from the supplemental restraint system (SRS). The signal is not present.			Event STORED

IC - Instrument cluster				
MB number	HW version	SW version	Diagnosis version	Pin
1645403348	09.14	09.03	13/11	101

FW number 2519020900	FW number (data)	FW number (boot SW)
Event	Text	Status
9128	The supply voltage of the control unit is too low (undervoltage).	Event STORED
913D	Control module EIS electronic ignition switch has detected undervoltage.	Event STORED

ASSYST Active Service System				- ✓ -
MB number 1645403662	HW version 10.2006	SW version 48.2005	Diagnosis version 6/5	Pin 101
FW number 1644480324	FW number (data) 1644471024		FW number (boot SW)	

ASSYST PLUS - PLUS Active Service System				- ✓ -
MB number 1645403662	HW version 10.2006	SW version 48.2005	Diagnosis version 6/2	Pin 101
FW number 1644480124	FW number (data) 1644471024		FW number (boot SW)	

SCM [MRM] - Steering column module				- ✓ -
MB number 1645458716	HW version 08.42	SW version 08.27	Diagnosis version 0/4	Pin 101

PTS - Parktronic system				- ✓ -
MB number 1649005000	HW version 07.05	SW version 08.41	Diagnosis version 4/16	Pin 101

COMAND or AUDIO				i
MB number 1649012600	HW version 09.34	SW version 09.29	Diagnosis version 33/19	Pin 101
Serial number AL9841B0586898	FW number 0019025300 0019025900 0019025100 0019025700	FW number (data)	FW number (boot SW)	
Event	Text	Status		
A10D	The power supply is too low.	Event STORED		

UCI - Media Interface				i
MB number 2049015902	HW version 10.20	SW version 08.47	Diagnosis version 1/0	Pin 101
Serial number HB9082B2530986	FW number 2049020900	FW number (data)	FW number (boot SW) 2049021000	
Event	Text	Status		
1614	An internal control unit reset was performed.	Event STORED		

SDAR - Satellite radio	i
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MB number 1718700989	HW version 08.32	SW version 08.49	Diagnosis version 3/1	Pin 101
Serial number DL000011510107	FW number 1714420660	FW number (data)	FW number (boot SW)	
Event		Text	Status	
D010		The supply voltage of the control unit is too low (undervoltage).	Event STORED	

DTA - TELE AID				- f -
MB number 2044460159	HW version 10.17	SW version 07.28	Diagnosis version 3/73	Pin 101
Serial number PF12206988	FW number 2044420259	FW number (data) 2044423660 2044423560	FW number (boot SW)	
Code		Text	Status	
D691		Large deviation determined between wheel speed signal and speed computed based on GPS signal. Wheel speed =0 : GPS=20 km/h	STORED	

TELE AID - Telematic service Emergency call				- ✓ -
MB number 2034470059	HW version 10.17	SW version 07.28	Diagnosis version 2/64	Pin 101

TELE AID - Telematic services MB Info , Roadside assistance (USA, Canada), Tele diagnosis (ECE)				- ✓ -
MB number 2034470259	HW version 10.17	SW version 07.28	Diagnosis version 2/64	Pin 101

TELE AID - Telematic service Stolen vehicle tracking				- ✓ -
MB number 2034470159	HW version 10.17	SW version 07.28	Diagnosis version 2/64	Pin 101

TELE AID - Telematic services Remote door unlocking , Remote door locking				- ✓ -
MB number 2214470059	HW version 10.17	SW version 07.28	Diagnosis version 2/65	Pin 101

DCM-FL - Door control module front left				- f -
MB number 1648701526	HW version 09.16	SW version 09.09	Diagnosis version 1/6	Pin 101
Code		Text	Status	
9012		Switch "S15/3 (Open and close switch for rear-end door, driver)' remains in the switched state (contacts stick).	STORED	
901F		Component M21/1e2 (Left Blind Spot Assist readiness and warning indicator) has Open circuit.	STORED	

DCM-FR - Door control module front right				- f -
MB number 1648701626	HW version 09.16	SW version 09.09	Diagnosis version 1/6	Pin 101
Code		Text	Status	

901F	Component M21/2e2 (Right Blind Spot Assist readiness and warning indicator) has Open circuit.	STORED
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REDC - Rear-end door closing control module				- f - i
MB number	HW version	SW version	Diagnosis version	Pin
1648209526	07.42.00	08.09.01	000033	101
FW number		FW number (data)	FW number (boot SW)	
1644420219				
Code	Text			Status
98A511	Button 'S62/26 (RWTS button)' sticks. There is a short circuit to ground.			STORED
98A52A	Button 'S62/26 (RWTS button)' sticks. There is no signal change.			STORED
Event	Text			Status
A10D1C	The power supply is too low. The voltage value is outside the permissible range.			Event STORED

ESA driver - Electric seat adjustment driver (with memory)				i
MB number	HW version	SW version	Diagnosis version	Pin
2118704785	08.16	08.21	0/6	101
FW number		FW number (data)	FW number (boot SW)	
2118704785				
Event	Text			Status
9854	Fault in CAN communication with control unit ICM.			Event STORED

ESA passenger - Electric seat adjustment passenger				i
MB number	HW version	SW version	Diagnosis version	Pin
2118704885	08.16	08.21	0/6	101
Event	Text			Status
9854	Fault in CAN communication with control unit ICM.			Event STORED

ERA - Electric fold-down backrest system (3rd seat row)				- f -
MB number	HW version	SW version	Diagnosis version	Pin
1648703726	04.34	08.24	0/3	101
Code	Text			Status
9161	Switch S158/1 (Front switch for left folding backrest) has Short circuit to ground.			STORED
9162	Switch S158/2 (Rear switch for left folding backrest) does not open.			STORED
9163	Switch S158/2 (Rear switch for left folding backrest) has Short circuit to ground.			STORED
9165	Switch S158/3 (Front switch for right folding backrest) has Short circuit to ground.			STORED
9167	Switch S158/4 (Rear switch for right folding backrest) has Short circuit to ground.			STORED

AAC - Automatic air conditioning				- f - i
MB number	HW version	SW version	Diagnosis version	Pin
2518206589	07.14	09.37	0/39	101

FW number	FW number (data)	FW number (boot SW)
2519021300		
Code	Text	Status
9202	B14 (Ambient temperature display temperature sensor) : Open circuit	STORED
9401	M2/6 (Left blending air flap actuator) : LIN bus communication error	STORED
9402	M2/7 (Right blending air flap actuator) : LIN bus communication error	STORED
9403	M2/12 (Rear shutoff flap positioning motor) : LIN bus communication error	STORED
9406	M2/15 (Left and right footwell flaps actuator) : LIN bus communication error	STORED
9501	M2/5 (Fresh and recirculated air flaps actuator) : LIN bus communication error	STORED
9602	LIN bus error: Ground potential outside valid range	STORED
Event	Text	Status
900E	Local undervoltage at circuit 30 (voltage < 9 V)	Event STORED

Battery voltage	12.48 V
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