

Initial quick test log

Model series	GL/GLS (166) / 166.873
MB workshop	-
Vehicle identification number	4JGDF7DE3HA874973
Steering variant	Left-hand drive vehicle
Main odometer reading	131830.1mi
Software version	29.8.2.0
Data status	DVD 06/2021
Battery voltage	14.4V
Hardware ID	49FFBD289CD0
Application ID	252
Time of quick test creation	26.12.2023 13:51:23

XENTRY system number	PC0BCYFG
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Installed add-on versions: 5225, 5226, 19504, 19556, 19557, 19582, 19630, 19641, 19653, 19654, 19656, 19658, 19659, 19660, 19661, 19662, 19663, 19664, 19666, 19667, 19668, 19669, 19671, 19673, 19674, 19675, 19677, 19679, 19690, 19701, 19704, 19706, 19711, 19721, 19723, 19724, 19729, 19732, 19734, 19737, 19739, 19744, 19746, 19749, 19751, 19753, 19755, 19756, 19757, 19763, 19764, 19765, 19766, 19769, 19775, 19777, 19786, 19789, 19791, 19792, 19795, 19797, 19802, 19807, 19809, 19810, 19811, 19815, 19816, 19819, 19820, 19824, 19825, 19828, 19831, 19832, 19834, 19837, 19839, 19841, 19844, 19847, 19849, 19853, 19856, 19858, 19864, 19866, 19867, 19870, 19871, 19873, 19875, 19878, 19880, 19881, 19883, 19887, 19890, 19892, 19895, 19896, 19898, 19901, 19903, 19911, 19914, 19918, 19919, 19922, 19924, 19926, 19927, 19928, 19931, 19932, 19934, 19935, 19939, 19941, 19943, 19944, 19946, 19949, 19950, 19953, 19955, 19956, 19960, 19962, 19963, 19969, 19971, 19972, 19973, 19977, 19980, 19983, 19984, 19985, 19988, 19990, 19991, 19993, 19994, 19995, 19997, 19999, 20001, 20002, 20007, 20009, 20011, 20012, 20013, 20016, 20017, 20018, 20019, 20021, 20024, 20026, 20030, 20031, 20032, 20035, 20039, 20040, 20042, 20044, 20045, 20050, 20053, 20056, 20059, 20061, 20063, 20064, 20071, 20073, 20075, 20078, 20079, 20084, 20086, 20087, 20090, 20091, 20093, 20095, 20097, 20098, 20101, 20103, 20104, 20106, 20107, 20109, 20111, 20112, 20114, 20115, 20116, 20118, 20125, 20128, 20129, 20132, 20134, 20135, 20137, 20138, 20139, 20141, 20145, 20147, 20149, 20151, 20153, 20154, 20157, 20163, 20166, 20168, 20169, 20171, 20172, 20175, 20176, 20177, 20179, 20184, 20185, 20187, 20188, 20189, 20191, 20194, 20196, 20197, 20200, 20202, 20203, 20205, 20207, 20209, 20211, 20212, 20214, 20215, 20216, 20217, 20219, 20221, 20223, 20224, 20226, 20228, 20229, 20230, 20231, 20232, 20233, 20234, 20236, 20239, 20241, 20244, 20248, 20249, 20251, 20253, 20254, 20255, 20257, 20260, 20261, 20262, 20263, 20264, 20267, 20269, 20271, 20272, 20274, 20278, 20279, 20282, 20285, 20288, 20290, 20291, 20293, 20295, 20297, 20298, 20311, 20313, 20315, 20317, 20321, 20322, 20324, 20326, 20327, 20329, 20330, 20331, 20334, 20335, 20340, 20342, 20348, 20350, 20352, 20353, 20355, 20356, 20358, 20359, 20360, 20362, 20364, 20365, 20369, 20371, 20372, 20373, 20376, 20379, 20381, 20382, 20384, 20386, 20387, 20389, 20395, 20396, 20398, 20400, 20402, 20405, 20406, 20407, 20409, 20411, 20412, 20413, 20414, 20416, 20418, 20420, 20422, 20423, 20425, 20426, 20429, 20433, 20434, 20436, 20438, 20441, 20442, 20443, 20448, 20449, 20450, 20451, 20455, 20457, 20458, 20459, 20460, 20461, 20463, 20465, 20468, 20469, 20470, 20471, 20473, 20474, 20475, 20476, 20478, 20483, 20484, 20487, 20489, 20490, 20493, 20495, 20499, 20501, 20503, 20505, 20506, 20507, 20508, 20509, 20512, 20513, 20514, 20517, 20521, 20549, 20555, 20561, 20562, 20563, 20565, 20567, 20568, 20570, 20574, 20576, 20577, 20578, 20581, 20583, 20585, 20586, 20588, 20590, 20595, 20596, 20601, 20604, 20606, 20608, 20613, 20615, 20622, 20624, 20628, 20630, 20636, 20640, 20641, 20646, 20648, 20650, 20653, 20656, 20659, 20663, 20667, 20668, 20672, 20678, 20679, 20681, 20683, 20692, 20694, 20696, 20698, 20702, 20708, 20709, 20712, 20715, 20717, 20722, 20726, 20728, 20730, 20733, 20736, 20739, 20741, 20744, 20747, 20749, 20750, 20752, 20755, 20756, 20759, 20762, 20766, 20768, 20776, 20779, 20783, 20784, 20787, 20789, 20791, 20792, 20795, 20797, 20798, 20804, 20809, 20812, 20815, 20820, 20822, 20826, 20828, 20830, 20832, 20834, 20840, 20841, 20845, 20848, 20855, 20857, 20868, 20871, 20876, 20879, 20881, 20883, 20895, 20896, 20897, 20900, 20902, 20905, 20906, 20908, 20913, 20915, 20919, 20922, 20924, 20928, 20929, 20932, 20935, 20938, 20940, 20942, 20945, 20950, 20954, 20957, 20958, 20971, 20973, 20975, 20983, 20986, 20988, 20989, 20993, 20996, 21002, 21010, 21013, 21016, 21017, 21020, 21026, 21030, 21044, 21046, 21047, 21049, 21051, 21055, 21057, 21058, 21061, 21064, 21071, 21073, 21098, 21100, 21101, 21104, 21106, 21110, 21117, 21122, 21123, 21126, 21132, 21134, 21137, 21142, 21152, 21157, 21161, 21168, 21169, 21172, 21179, 21189, 21191, 21195, 21198, 21200, 21201, 21205, 21208, 21219, 21221, 21224, 21230, 21231, 21241, 21244, 21252, 21255, 21258, 21276, 21287, 21290, 21296, 21303, 21307, 21312, 21316, 21321, 21332, 21333, 21335, 21343, 21347, 21348, 21362, 21436, 21438, 21450, 21451, 21458, 21473, 21480, 21487, 21564, 21578, 21592

N73 - Electronic ignition lock (EZS) -✓-

Model	Part number	Supplier	Version
Hardware	166 905 97 02	Kostal	13/46 00
Software	---	Kostal	14/42 41
Diagnosis identifier	020402	Control unit variant	EZS166_0402

N118 - Control unit 'Fuel pump' (FSCU07) -✓-

Model	Part number	Supplier	Version
Hardware	000 901 21 00	Continental	10/47 00
Software	000 902 85 24	Continental	14/51 00
Software	000 903 34 04	Continental	14/51 00
Boot software	---	---	09/37 00
Diagnosis identifier	00220C	Control unit variant	VC08_2_x20C

E1n9 - Left headlamp (SG-SW-L) -✓-

Model	Part number	Supplier	Version
Hardware	218 901 25 01	Continental	14/23 00
Software	218 902 53 03	Continental	15/30 01
Boot software	---	---	13/05 00

Diagnosis identifier	00010F	Control unit variant	B15_Variante_Redesign
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LIN: E1n7 - Actuation module, LED exterior lighting, left front (AMLAB-L) -✓-

E2n9 - Right headlamp (SG-SW-R) -✓-

Model	Part number	Supplier	Version
Hardware	218 901 25 01	Continental	14/23 00
Software	218 902 53 03	Continental	15/30 01
Boot software	---	---	13/05 00

Diagnosis identifier	00010F	Control unit variant	B15_Variante_Redesign
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LIN: E2n7 - Actuation module, LED exterior lighting, right front (AMLAB-R) -✓-

Y3/8n4 - Transmission control for 9-speed transmission (VGS) -i-

Model	Part number	Supplier	Version
Hardware	000 901 50 00	Bosch	15/30 00
Software	000 000 00 00	Bosch	14/49 00
Software	000 902 38 36	MB	16/32 00
Software	000 000 00 00	MB	16/32 00
Boot software	---	---	14/49 00

Diagnosis identifier	000907	Control unit variant	VGSNAG3_000907
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Event	Text	Status																																				
U012600	Communication with the steering column module has a malfunction. _	S																																				
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Output speed</td><td>0.00rpm</td><td>0.00rpm</td></tr> <tr> <td>Battery voltage</td><td>12.10V</td><td>12.10V</td></tr> <tr> <td>Transmission oil temperature</td><td>35.60°F</td><td>35.60°F</td></tr> <tr> <td>Actual gear</td><td>P</td><td>P</td></tr> <tr> <td>Target gear</td><td>P</td><td>P</td></tr> <tr> <td>Turbine speed</td><td>0.00rpm</td><td>0.00rpm</td></tr> <tr> <td>Fault freeze frame data for the development department</td><td>00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF</td><td>00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF</td></tr> <tr> <td>Frequency counter</td><td>---</td><td>1</td></tr> <tr> <td>Main odometer reading</td><td>131542mi</td><td>131542mi</td></tr> <tr> <td>Number of ignition cycles since the last occurrence of the fault</td><td>---</td><td>12</td></tr> <tr> <td>Time elapsed since the ignition was switched on [s]</td><td>---</td><td>7</td></tr> </table>	Name	First occurrence	Last occurrence	Output speed	0.00rpm	0.00rpm	Battery voltage	12.10V	12.10V	Transmission oil temperature	35.60°F	35.60°F	Actual gear	P	P	Target gear	P	P	Turbine speed	0.00rpm	0.00rpm	Fault freeze frame data for the development department	00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF	00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF	Frequency counter	---	1	Main odometer reading	131542mi	131542mi	Number of ignition cycles since the last occurrence of the fault	---	12	Time elapsed since the ignition was switched on [s]	---	7	
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Target gear	P	P																																				
Turbine speed	0.00rpm	0.00rpm																																				
Fault freeze frame data for the development department	00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF	00 01 FF FF FF FF FF FF FF FF FF FF FF FF FF FF																																				
Frequency counter	---	1																																				
Main odometer reading	131542mi	131542mi																																				
Number of ignition cycles since the last occurrence of the fault	---	12																																				
Time elapsed since the ignition was switched on [s]	---	7																																				

S=STORED

N69/5 - KEYLESS GO (KG) -✓-

Model	Part number	Supplier	Version
Hardware	212 901 01 07	Marquardt	13/06 00
Software	212 902 55 11	Marquardt	15/26 04
Boot software	---	---	12/18 00

Diagnosis identifier	000012	Control unit variant	KGSTAR1_0012
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A76 - Left front reversible emergency tensioning retractor (RevETR-LF) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 91 01	TRW	15/41 00
Software	166 902 87 01	TRW	11/22 00
Boot software	---	---	11/22 00
Diagnosis identifier	000401	Control unit variant	D_003

N2/10 - Supplemental restraint system (SRS) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 22 01	Bosch	12/01 00
Software	166 902 75 09	Bosch	16/08 00
Software	166 903 85 00	Bosch	15/45 00
Software	FFFFFFFF	Bosch	255/255 255
Boot software	---	---	13/08 00
Diagnosis identifier	00400B	Control unit variant	Sample_0x00400B

LIN: N110 - Weight sensing system (WSS) -✓-

A98 - Control module 'Panoramic sliding roof' (PSD) -✓-

Model	Part number	Supplier	Version
Hardware	166 820 02 08	Webasto	09/44 00
Software	166 902 14 05	Webasto	14/15 02
Boot software	---	---	09/50 00
Diagnosis identifier	000007	Control unit variant	E1_Muster_7_0

A76/1 - Right front reversible emergency tensioning retractor (RevETR-RF) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 92 01	TRW	15/41 00
Software	166 902 87 01	TRW	11/22 00
Boot software	---	---	11/22 00
Diagnosis identifier	000401	Control unit variant	D_003

N80 - Steering column module (SCM) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 78 00	Kostal	11/30 00
Software	166 902 21 04	Kostal	13/06 00
Boot software	---	---	11/23 00
Diagnosis identifier	00040A	Control unit variant	BR166_Kostal_0x040A

N10/8 - Rear control unit (Rear) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 67 04	Delphi	14/14 00
Software	166 902 56 07	Delphi	14/50 00
Boot software	---	---	12/07 00
Diagnosis identifier	000012	Control unit variant	000012_Rel24

B92 - DISTRONIC (DTR) -✓-

Model	Part number	Supplier	Version
Hardware	000 901 81 03	ADC	15/08 00
Software	000 902 49 25	ADC	14/47 01
Boot software	---	---	13/16 00
Diagnosis identifier	00100C	Control unit variant	DTR222_00100C

N62/1 - Radar sensors control unit (SGR) -✓-

Model	Part number	Supplier	Version
Hardware	099 901 21 00	ADC	13/07 00
Software	000 902 94 29	ADC	15/39 00
Boot software	---	---	13/06 00
Diagnosis identifier	023018	Control unit variant	RDU_212FR_023018

N62 - Parking system (PARK) -✓-

Model	Part number	Supplier	Version
Hardware	000 901 76 02	Valeo	12/32 00
Software	000 902 54 33	Valeo	15/51 00
Boot software	---	---	12/32 00
Diagnosis identifier	004501	Control unit variant	Appl_004501

N148 - 360° camera -✓-

Model	Part number	Supplier	Version
Hardware	207 901 40 00	Valeo	13/30 00
Software	207 902 21 02	Valeo	15/38 00
Boot software	---	---	13/30 00
Diagnosis identifier	000308	Control unit variant	SVS207_000308

N88 - Tire pressure monitor (TPM) -✓-

Model	Part number	Supplier	Version
Hardware	000 901 78 03	Schrader	14/27 00
Software	000 902 04 17	Schrader	14/33 00
Boot software	---	---	12/06 00
Diagnosis identifier	003007	Control unit variant	Serie_Corax3_07

N128 - Electric parking brake (EPB) -✓-

Model	Part number	Supplier	Version
Hardware	246 901 44 06	TRW	15/33 00
Software	246 902 10 02	TRW	13/19 00
Boot software	---	---	09/27 00
Diagnosis identifier	00000C	Control unit variant	_00000C

N10 - Signal acquisition and actuation module (SAM) -F-

Model	Part number	Supplier	Version
Hardware	166 901 08 03	Conti Temic	13/19 00
Software	156 902 14 00	Conti Temic	15/04 00
Boot software	---	---	13/23 00
Diagnosis identifier	02E608	Control unit variant	CBC_Rel30_02E608_Bolero_3M

Fault	Text	Status
B236215	The output for the wiper blade heater has a malfunction. There is a short circuit to positive or an open circuit.	A+S
	Name	First occurrence
	Frequency counter	---
	Main odometer reading	131532mi
	Number of ignition cycles since the last occurrence of the fault	0

A+S=CURRENT and STORED

LIN: N72 - Lower control panel (LCP) -✓-

LIN: N72/1 - Upper control panel (UCP) -✓-

LIN: A67 - Dimming inside rearview mirror (AISP) -✓-

LIN: A67n2 - Garage door opener (GTO) -F-

Fault	Text	Status
B236215	The output for the wiper blade heater has a malfunction. There is a short circuit to positive or an open circuit.	A+S
Name	First occurrence	Last occurrence
Frequency counter	---	1
Main odometer reading	131532mi	131532mi
Number of ignition cycles since the last occurrence of the fault	---	0

A+S=CURRENT and STORED

LIN: B95 - Battery sensor (BSN) -✓-

LIN: N72/3 - Off-road operating panel (ORBF) -✓-

LIN: N70 - Control unit 'Overhead control panel' (OCP) -✓-

LIN: R13/1..4, M18/9..12 - Front seat heater/seat ventilation (SIH/SIB-V) -✓-

LIN: B38/2 - Rain/light sensor (RGLS) -✓-

N68 - Electrical power steering (ES) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 11 05	Bosch Automotive Steering	13/46 00
Software	166 902 73 07	Bosch Automotive Steering	15/09 00
Software	166 903 78 00	Bosch Automotive Steering	15/09 00
Boot software	---	---	10/26 00
Diagnosis identifier	000111	Control unit variant	EPS218_0111

N93/7 - Chassis gateway (FWGW) -✓-

Model	Part number	Supplier	Version
Hardware	212 901 23 06	Lear	13/02 00
Software	212 902 58 11	Lear	15/30 00
Boot software	---	---	12/21 00
Diagnosis identifier	028101	Control unit variant	B2_BR212Mopf_AEJ13_M ID

N30/4 - Electronic stability program (ESP®) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 41 00	TRW	10/44 00
Software	166 902 51 08	TRW	15/24 00
Boot software	---	---	10/05 00
Diagnosis identifier	000004	Control unit variant	000004

N51/3 - AIRMATIC -✓-

Model	Part number	Supplier	Version
Hardware	292 901 18 00	Temic	15/07 00
Software	292 902 92 00	Temic	16/05 01
Boot software	---	---	14/32 00
Diagnosis identifier	002100	Control unit variant	Serie_0x002100

A40/9 - Audio/COMAND operating unit (COU [ZBE])

-✓-

Model	Part number	Supplier	Version
Hardware	166 901 14 05	Marquardt	13/17 00
Software	205 902 01 04	Marquardt	14/10 02
Boot software	---	---	13/24 00
Diagnosis identifier	020500	Control unit variant	Series_003

A40/8 - Audio/COMAND display (ZAN)

-✓-

Model	Part number	Supplier	Version
Hardware	166 901 81 06	Continental	16/20 00
Software	218 902 16 06	Continental	16/25 00
Software	000 000 00 00	Continental	16/25 00
Boot software	---	---	16/25 00
Diagnosis identifier	008100	Control unit variant	Single_View_8_Inch_Dev_1

A40/13 - Multifunction camera (stereo) (MFK)

-✓-

Model	Part number	Supplier	Version
Hardware	207 901 41 00	ADC	12/48 00
Software	000 902 77 32	ADC	14/20 05
Boot software	---	---	12/40 00
Diagnosis identifier	000014	Control unit variant	SMPC212_AEJ14_000020

N40/3 - Sound system (SOUND)

-✓-

Model	Part number	Supplier	Version
Hardware	166 901 72 01	Harman / Becker	14/14 00
Software	166 904 09 00	Harman / Becker	15/09 00
Software	166 902 66 09	Harman / Becker	15/44 01
Software	166 903 89 00	Harman / Becker	15/44 02
Boot software	---	---	15/09 00
Diagnosis identifier	000200	Control unit variant	_12_Channel_SOP_1

A90/4 - Tuner unit (SDAR) (TEH)

-✓-

Model	Part number	Supplier	Version
Hardware	222 901 50 04	Delphi	12/28 00
Software	222 902 69 10	Delphi	14/33 00
Software	222 902 70 10	Delphi	14/33 00
Boot software	---	---	14/33 00
Diagnosis identifier	004301	Control unit variant	SDARS_Series

N112/9 - Control unit for telematics services (HERMES)

-i-

Model	Part number	Supplier	Version
Hardware	213 901 91 00	Harman / Becker	15/34 00
Software	213 902 41 22	Harman / Becker	19/22 03
Software	000 902 94 37	Daimler	16/40 01
Software	000 000 00 00	Daimler	255/255 255
Boot software	---	---	19/22 03
Diagnosis identifier	000431	Control unit variant	Hermes_Gen_1_3

Event	Text	Status																								
U010000	Communication with the control unit 'combustion engine' has a malfunction.	S																								
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Power supply</td><td>---</td><td>13.9V</td></tr> <tr> <td>Power supply</td><td>---</td><td>11.6V</td></tr> <tr> <td>Inside temperature of control unit</td><td>---</td><td>68°F</td></tr> <tr> <td>Inside temperature of control unit</td><td>---</td><td>68°F</td></tr> <tr> <td>Fault freeze frame data for the development department</td><td>---</td><td>FF FF FF FF FF FF FF</td></tr> <tr> <td>Fault freeze frame data for the development department</td><td>---</td><td>FF FF FF FF FF FF FF</td></tr> <tr> <td>Frequency counter</td><td>---</td><td>6</td></tr> </table>	Name	First occurrence	Last occurrence	Power supply	---	13.9V	Power supply	---	11.6V	Inside temperature of control unit	---	68°F	Inside temperature of control unit	---	68°F	Fault freeze frame data for the development department	---	FF FF FF FF FF FF FF	Fault freeze frame data for the development department	---	FF FF FF FF FF FF FF	Frequency counter	---	6	
Name	First occurrence	Last occurrence																								
Power supply	---	13.9V																								
Power supply	---	11.6V																								
Inside temperature of control unit	---	68°F																								
Inside temperature of control unit	---	68°F																								
Fault freeze frame data for the development department	---	FF FF FF FF FF FF FF																								
Fault freeze frame data for the development department	---	FF FF FF FF FF FF FF																								
Frequency counter	---	6																								

Event	Text	Status
	Name	First occurrence Last occurrence
	Main odometer reading	131830mi 131830mi
	Number of ignition cycles since the last occurrence of the fault	--- 5

S=STORED

A40/3 - COMAND Online (Head unit) -✓-

Model	Part number	Supplier	Version
Hardware	166 901 14 03	Mitsubishi Electric	14/23 00
Software	176 902 92 01	Daimler	16/29 10
Software	166 902 19 09	---	16/03 00
Software	166 902 76 08	---	15/47 10
Boot software	---	---	16/29 10
Diagnosis identifier	020108	Control unit variant	High_CY15_9

A105 - Touchpad (TPAD) -✓-

Model	Part number	Supplier	Version
Hardware	205 901 72 10	Continental	15/07 00
Software	205 902 87 09	Continental	15/36 03
Software	205 902 77 05	Continental	14/38 00
Software	000 000 00 00	Continental	15/07 00
Boot software	---	---	15/07 00
Diagnosis identifier	000007	Control unit variant	Series_007_X_14_0

A1 - Instrument cluster (IC) -i-

Model	Part number	Supplier	Version
Hardware	166 901 82 05	Bosch	15/29 00
Software	172 902 35 06	Bosch	15/42 00
Software	172 902 14 05	Bosch	15/29 00
Software	172 902 30 06	Bosch	15/42 00
Software	166 902 73 08	Bosch	15/42 00
Software	172 902 17 05	Bosch	15/29 00
Software	172 902 64 06	Bosch	15/42 00
Boot software	---	---	14/31 00
Diagnosis identifier	00200A	Control unit variant	IC166_AeJ16

Event	Text	Status
U012187	Communication with ESP has a malfunction. The message is missing.	S
	Name	First occurrence Last occurrence
	Frequency counter	--- 1.00
	Main odometer reading	131541.80mi 131541.80mi
	Number of ignition cycles since the last occurrence of the fault	--- 35.00

S=STORED

N69/3 - Left rear door (DCU-LR) -✓-

Model	Part number	Supplier	Version
Hardware	166 820 52 26	Temic	11/21 00
Software	166 902 88 03	Temic	14/04 00
Boot software	---	---	09/32 00
Diagnosis identifier	00040A	Control unit variant	DM_AEJ14_2_NEU_BR166

N72/2 - Rear control panel (HBF) -✓-

Model	Part number	Supplier	Version
Hardware	166 820 76 10	Kostal	09/21 00
Software	166 902 27 03	Kostal	11/47 01
Boot software	---	---	09/03 01
Diagnosis identifier	000405	Control unit variant	_000405

N69/1 - Left front door (DCU-LF)**-F-**

Model	Part number	Supplier	Version
Hardware	166 901 21 03	Temic	13/40 00
Software	166 902 53 08	Temic	15/26 00
Boot software	---	---	09/32 00

Diagnosis identifier	00040C	Control unit variant	DM_AEJ15_Update_Logo_Lamp
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Fault	Text	Status
B1DD015	The output for the mirror heater has a malfunction. There is a short circuit to positive or an open circuit.	A+S
	Name	First occurrence
	Frequency counter	---
	Main odometer reading	131492.09mi
	Number of ignition cycles since the last occurrence of the fault	---
		1.00
		131830.11mi
		0.00

A+S=CURRENT and STORED

LIN: S22 - Switch group 'Left front seat adjustment' (SSE-LF)**-✓-****N69/4 - Right rear door (DCU-RR)****-✓-**

Model	Part number	Supplier	Version
Hardware	166 820 53 26	Temic	11/21 00
Software	166 902 90 03	Temic	14/04 00
Boot software	---	---	09/32 00

Diagnosis identifier	00040A	Control unit variant	DM_AEJ14_2_NEU_BR166
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N32/29 - Multicontour seat 'Driver' (MKS-FS)**-✓-**


Model	Part number	Supplier	Version
Hardware	166 901 27 04	Conti Temic	14/26 01
Software	166 902 69 05	Conti Temic	14/35 01
Software	166 903 58 00	Conti Temic	14/35 01
Software	166 902 70 05	Conti Temic	14/34 01
Software	166 903 59 00	Conti Temic	14/34 01
Boot software	---	---	14/26 01

Diagnosis identifier	000008	Control unit variant	0008_BR166_Mopf_PRO2
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LIN: N32/31 - Massage function in driver seat (MF-FS)**-✓-****N3/10 - Motor electronics 'MED177' for combustion engine 'M278' (ME)****-f-**

Model	Part number	Supplier	Version
Hardware	278 901 13 00	Bosch	11/25 00
Software	000 904 03 00	Bosch	11/32 00
Software	278 902 36 00	Bosch	15/39 00
Software	278 903 33 01	Bosch	16/05 00
Boot software	---	---	11/32 00

Diagnosis identifier	021C4E	Control unit variant	M278LA_VC15
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Fault	Text	Status
P049600	The purge flow of the evaporative emission control system is too high. _	S 
	Name	First occurrence
	CAN message 'On/off ratio of fuel pump' (DA_CAN_FPdc)	31.50%
	Delivery angle of quantity control valve (dwmsvd_w)	32.60°
	Solenoid valve 'Pre-control' (dwmsvvst_w)	35.10°
	Development data ((enhdtcinfo))	0.00
	Development data ((Epm_stOpMode))	48.00
	Status of synchronization (Epm_stSync)	30.00
	Fill level of fuel tank (fstt_w)	13.74galUS
	Fill level of activated charcoal filter (fteadf)	0.00
	Actual gear (gangi)	Gear 6/7
	Development data ((high_byte_of_dfrtldmx_w))	0.00
	Self-adjustment in partial-load range, right cylinder bank (high_byte_of_fra_w)	1.05
		33.00%
		32.90°
		33.80°
		0.00
		48.00
		30.00
		12.15galUS
		0.00
		Gear 3
		1.05

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Fault	Text	Status	
	Name	First occurrence	Last occurrence
	Self-adjustment in partial-load range, left cylinder bank (high_byte_of_fra2_w2)	1.05	1.06
	Development data ((high_byte_of_gkomp_w))	0.00hPa/s	0.00hPa/s
	Development data ((high_byte_of_gudab_w))	0.00hPa/s	0.00hPa/s
	Development data ((high_byte_of_gudabk_w))	0.00hPa/s	0.00hPa/s
	Development data ((high_byte_of_gudauf_w))	0.00hPa/s	0.00hPa/s
	Development data ((high_byte_of_mstedte_w))	0.00kg/h	0.00kg/h
	Engine off time (high_byte_of_tmazh_w)	3.80min	0.25min
	Time since engine start (high_byte_of_zssttm_w)	0.03min	0.03min
	Driving distance since activation of engine diagnosis indicator lamp (kmmilon_w)	0.00mi	0.00mi
	CAN message 'Odometer' (KMODOENV_W)	131810.23mi	131820.17mi
	Development data ((mfpsdia_efMsv_u8))	0.00	0.00
	Development data ((Mfvd_redcuradp))	-9.77%	-9.38%
	Development data ((milsol_w))	11.51%	11.07%
	Engine speed (nmot)	1200.00rpm	2120.00rpm
	Self-adjustment in idle speed range, right cylinder bank (ora)	-0.56%	-0.56%
	Self-adjustment in idle speed range, left cylinder bank (ora2)	-0.94%	-0.94%
	Vehicle speed (PID0Dh)	52.00	41.00
	Time since engine start (PID1Fh)	636.00s	646.00s
	Fill level of fuel tank (PID2Fh)	52.16%	49.02%
	Development data ((PID32h))	0.00psi	0.00psi
	Low fuel pressure (absolute value) (pistnd_w)	4.45bar	4.50bar
	Rail pressure regulation output value (prdr_w)	-1.21bar	-0.44bar
	Function check (prist_um)	170.24bar	168.96bar
	Rail pressure (unfiltered absolute value) (prroh_w)	170.08bar	170.09bar
	Rail pressure regulation specified value (prsoln_w)	170.00bar	170.00bar
	Low fuel pressure (specified value) (psolnd)	4.50bar	4.50bar
	Development data ((pspu))	0.41	0.41
	Ambient pressure (pu_w)	1011.37hPa	1022.46hPa
	Development data ((rkmeeff_w))	26.86%	26.11%
	Relative air mass (rl)	24.75%	24.00%
	Development data ((tankenv1_u))	2.00	2.00
	Development data ((TFITnk_t))	54.95°F	50.90°F
	Fuel temperature (raw value) (tfuelfr)	67.10°F	79.25°F
	Development data ((tfuelhpm))	83.30°F	104.90°F
	Calculated fuel temperature (tfuelm)	64.40°F	71.15°F
	Calculated fuel temperature (thdev)	87.35°F	131.90°F
	Engine temperature (tmot)	189.95°F	202.10°F
	Engine temperature at engine start (tmst)	49.58°F	114.39°F
	Ambient temperature (tumg)	54.95°F	40.10°F
	Battery voltage (ub)	14.70V	14.22V
	Development data ((ubsq_w))	14.70V	14.23V
	Frequency counter	---	2.00
	Main odometer reading	131810.23mi	131820.17mi
	Number of ignition cycles since the last occurrence of the fault	---	40.00

S=STORED

N32/30 - Multicontour seat 'Front passenger' (MKS-BFS)

-✓-

Model	Part number	Supplier	Version
Hardware	166 901 28 04	Conti Temic	14/26 01
Software	166 902 71 05	Conti Temic	14/35 01
Software	166 903 58 00	Conti Temic	14/35 01
Software	166 902 70 05	Conti Temic	14/34 01
Software	166 903 59 00	Conti Temic	14/34 01
Boot software	---	---	14/26 01
Diagnosis identifier	000008	Control unit variant	0008_BR166_Mopf_PRO2

LIN: N32/32 - Massage function in front passenger seat (MF-BFS)

-✓-

N121/1 - Tailgate control (HKS)

-✓-

Model	Part number	Supplier	Version
Hardware	166 901 13 05	Delphi	14/11 00
Software	166 902 41 06	Delphi	14/21 03
Boot software	---	---	11/37 00
Diagnosis identifier	000007	Control unit variant	PTCM166_000007_Rel_26_PPAP

N32/1 - Electrical seat adjustment 'Driver' with memory function (ESA 'Driver')

-✓-

Model	Part number	Supplier	Version
Hardware	166 820 09 26	Conti Temic	09/64 00
Software	166 903 44 00	Conti Temic	13/23 00
Software	166 902 38 03	Conti Temic	13/23 00
Boot software	---	---	10/48 00
Diagnosis identifier	000107	Control unit variant	BR231_Serie_V6

N69/2 - Right front door (DCU-RF)

-F-

Model	Part number	Supplier	Version
Hardware	166 901 22 03	Temic	13/40 00
Software	166 902 55 08	Temic	15/26 00
Boot software	---	---	09/32 00
Diagnosis identifier	00040C	Control unit variant	DM_AEJ15_Update_Logo_Lamp

Fault	Text	Status												
B25BD15	The output for power closing has a malfunction. There is a short circuit to positive or an open circuit.	S												
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Frequency counter</td><td>---</td><td>13.00</td></tr> <tr> <td>Main odometer reading</td><td>131511.97mi</td><td>131820.17mi</td></tr> <tr> <td>Number of ignition cycles since the last occurrence of the fault</td><td>---</td><td>4.00</td></tr> </table>	Name	First occurrence	Last occurrence	Frequency counter	---	13.00	Main odometer reading	131511.97mi	131820.17mi	Number of ignition cycles since the last occurrence of the fault	---	4.00	
Name	First occurrence	Last occurrence												
Frequency counter	---	13.00												
Main odometer reading	131511.97mi	131820.17mi												
Number of ignition cycles since the last occurrence of the fault	---	4.00												
B1DD015	The output for the mirror heater has a malfunction. There is a short circuit to positive or an open circuit.	A+S												
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Frequency counter</td><td>---</td><td>1.00</td></tr> <tr> <td>Main odometer reading</td><td>131492.09mi</td><td>131830.11mi</td></tr> <tr> <td>Number of ignition cycles since the last occurrence of the fault</td><td>---</td><td>0.00</td></tr> </table>	Name	First occurrence	Last occurrence	Frequency counter	---	1.00	Main odometer reading	131492.09mi	131830.11mi	Number of ignition cycles since the last occurrence of the fault	---	0.00	
Name	First occurrence	Last occurrence												
Frequency counter	---	1.00												
Main odometer reading	131492.09mi	131830.11mi												
Number of ignition cycles since the last occurrence of the fault	---	0.00												

S=STORED, A+S=CURRENT and STORED

LIN: S23 - Switch group 'Right front seat adjustment' (SSE-RF)

-✓-

N32/2 - Electrical seat adjustment 'Front passenger' with memory function (ESA 'Front passenger')

-✓-

Model	Part number	Supplier	Version
Hardware	166 820 10 26	Conti Temic	09/64 00
Software	166 903 44 00	Conti Temic	13/23 00
Software	166 902 39 03	Conti Temic	13/23 00
Boot software	---	---	10/48 00
Diagnosis identifier	000107	Control unit variant	BR231_Serie_V6

N22/7 - Air conditioning (AAC)

-F-

Model	Part number	Supplier	Version
Hardware	166 901 65 02	Continental	10/44 00
Software	166 902 78 07	Continental	15/34 00
Boot software	---	---	12/08 00
Diagnosis identifier	004617	Control unit variant	USA_3_Zonen_Heck_23

Fault	Text	Status						
912749	The air quality sensor has a malfunction. There is an internal electrical fault.	A+S						
	<table> <tr> <th>Name</th><th>First occurrence</th><th>Last occurrence</th></tr> <tr> <td>Frequency counter</td><td>---</td><td>1.00</td></tr> </table>	Name	First occurrence	Last occurrence	Frequency counter	---	1.00	
Name	First occurrence	Last occurrence						
Frequency counter	---	1.00						

Fault	Text			Status
	Name	First occurrence	Last occurrence	
	Main odometer reading	131472.20mi	131472.20mi	
	Number of ignition cycles since the last occurrence of the fault	---	0.00	

A+S=CURRENT and STORED