



Official

Carly Diagnostics Report

BMW - F07, Build Year 2010

categorized as Upper class was diagnosed with Carly on

Dec 26 2019

Carly found 25 control units.

55 fault codes were detected.

24 info memory entries were found.



Motor Control

Engine / Motor	X
Fault Code: 28CE00	
Fault Explanation: receive messages from glow plug GSG: LIN bus communication	



ABS / DSC / Brake

Central Gateway / zentrales Gateway Fault Code: 801C20 Fault Explanation: :Central error memory full	X
Hand brake / Feststellbremse (EMF) Fault Code: D395BC Fault Explanation: :Message error (status stabilization DSC, ID: ST STAB DSC) Channel: DSC module - Timeout Fault Code: D39660 Fault Explanation: :Message error (Stella claim parking brake, ID: PRQ PBRK) Channel: DSC module - Timeout Fault Code: 480530 Fault Explanation: :DSC interface - not initialized	X



Airbag

Crash safety / Airbag Fault Code: 930AC1 Fault Explanation: :Speed: Message speed signal invalid	X
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Transmission Control

Getriebesteuerung /Transmission ECU OK, no Fault Code	✓
Gear switch / Gangschalter ECU OK, no Fault Code	✓



Instrumentation

Instrument cluster / Kombiinstrument ECU OK, no Fault Code	✓
Central info display / Zentrales Display Fault Code: E5C40B Fault Explanation: :K-CAN bus Fault Code: E5D418 Fault Explanation: :Embassy (0x12F TERMINAL): Failure / Embassy (0x12F, CLAMP): Failure	X
Head-Up-Display ECU OK, no Fault Code	✓



Heating / AC

Air conditioning / Klimaanlage

Fault Code: 8011F5

Fault Explanation: :OBDM: eKMV timeout OBD diagnostic message / achieved fuel reserve - System-related shutdown: parking heater

Fault Code: 801253

Fault Explanation: :EDH: Temperature sensor board outside operating range / eKMV: power reduction from the cooling or heating mode by Power Management / Heating / air conditioning system: power reduced because consumers reduce / eKMV: power reduction from the air operation by Power Management

Fault Code: E7040B

Fault Explanation: :K-CAN Physical bus error / K-CAN bus: detected defect

X



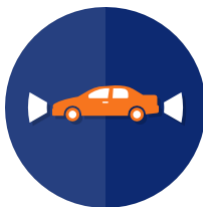
Immobilizer System

CAS

Fault Code: 9307AF

Fault Explanation: :DAYS Fahrertuer / side rear (FTH): Invalid current value to unlocking line

X



Park distance control / PDC

Park Distance Control / PDC

Fault Code: E21700

Fault Explanation: :Signal (1A1h) invalid Received: vehicle driving condition



Sunroof / Roof

Roof / Dach Funktionen

ECU OK, no Fault Code



Seats

Driver seat /Sitz Fahrer Heck

Fault Code: 8029D4

Fault Explanation: :Undervoltage detected

Fault Code: E4440B

Fault Explanation: :CAN bus Physical bus error / K-CAN bus: detected defect



Seat passenger/ Beifahrer Sitz Fault Code: E4840B Fault Explanation: :CAN bus Physical bus error / K-CAN bus: detected defect	X
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Systems

Junction Box ECU OK, no Fault Code	✓
Fuel pump / Kraftstoffpumpe ECU OK, no Fault Code	✓
Central Control / Zentrale Bedieneinheit Fault Code: E2C40B Fault Explanation: :K-CAN / K-CAN bus: detected defect	X



Chassis

Steering switch cluster / Schaltzentrum Lenksäule ECU OK, no Fault Code	✓
Air suspension / Luftfederung Fault Code: D7040B Fault Explanation: :K-CAN bus	X



Body

Trailer / Anhaenger

Fault Code: 802818

Fault Explanation: :AHM terminal 30f a: voltage supply is missing / broken

Fault Code: 802831

Fault Explanation: :Microswitch socket: defect or fault line possibly with contact system voltage

Fault Code: E5440B

Fault Explanation: :K-CAN bus

Fault Code: E5540A

Fault Explanation: :Embassy Status stabilization DSC (173h): Failure

X

Fussraummodul /FRM

Fault Code: 800E8C

Fault Explanation: :Heater handle right line break / Terminal 30B connection faulty

Fault Code: 800E8F

Fault Explanation: :Stop lights combined: Short circuit to ground / Supply elsv failed / Brake light short circuit to ground

Fault Code: 800EBF

Fault Explanation: :LED headlights ECG software version invalid / Lock follower 1 has Short circuit to Ub or line break

Fault Code: 800EC4

Fault Explanation: :Low beam / LED SG supply KL56B Short to Ubat / Castle nut 2 has Short circuit to Ub or line break / Dipped Short to Ubat

Fault Code: 800ECB

Fault Explanation: :door contact FAT cable break short circuit to Ub / LED daytime running interruption GEN2 / Button future requirements plausibility

Fault Code: 800FC0

Fault Explanation: :TMS left: LWR error

Fault Code: 800FC1

Fault Explanation: :TMS right: LWR error

Fault Code: 800FB9

Fault Explanation: :Exterior mirrors undervoltage

Fault Code: 800F92

Fault Explanation: :Welcome light-repeat active

Fault Code: 800FA8

Fault Explanation: :Elsv undervoltage

Fault Code: E58500

Fault Explanation: :Telegram Status DSC timeout ST BAR DSC (371 / 173h)

Fault Code: 800FC9

Fault Explanation: :LM LIN bus error TMS right

X

Integrated Chassis Module / Längs+Querdyamik

Fault Code: 480114

Fault Explanation: :Driving dynamics switch - blocking, due to errors in partner control unit and tire pressure loss / Info entry: driving dynamics switch - Functional limitation because of a failed partner Steuergeraets

Fault Code: 480049

Fault Explanation: :Ready Rear radar sensors / HC2 function - operation - rear radar sensors unwilling

Fault Code: 480144

Fault Explanation: :LDM functional deactivation / LDM function - BBS functional deactivation

Fault Code: D0142C

Fault Explanation: :Signal fault (outside temperature, ID: A TEMP) - Invalid / Error signal (outside temperature, ID: A TEMP) Channel: Combined - Invalid

Fault Code: D017B7

Fault Explanation: :Message error (actual braking torque sum, ID: AVL BRTORQ SUM) Channel: DSC module - Timeout / Embassy error (actual braking torque sum, ID: AVL BRTORQ SUM) - Timeout

Fault Code: D017AB

Fault Explanation: :Message error (actual braking torque wheel, ID: AVL BRTORQ WHL) Channel: DSC module - Timeout / Embassy error (actual braking torque wheel ID: AVL BRTORQ WHL) - Timeout

Fault Code: D0179F

Fault Explanation: :Embassy error (actual number of encoder wheel flanks, ID: AVL QUAN EES WHL) - Timeout / Message error (actual number of encoder wheel flanks, ID: AVL QUAN EES WHL) Channel: DSC module - Timeout

Fault Code: D017C1

Fault Explanation: :Embassy error (actual speed wheel ID: AVL RPM WHL) - Timeout / Message error (actual rotational speed of the wheel, ID: AVL RPM WHL) Channel: DSC module - Timeout

Fault Code: D01B4C

Fault Explanation: :Message error (target brake torque sum coordinated, ID: BRTORQ SUM COOTD) - Timeout / Message error (target brake torque sum coordinated, ID: BRTORQ SUM COOTD) Channel: DSC module - Timeout


Fault Code: D0153D

Fault Explanation: :Message error (display Check Control dynamics

<p>Tailgate / Hecktuer</p> <p>Fault Code: E3C40B</p> <p>Fault Explanation: :K-CAN Physical bus error</p>	
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Other

<p>Hifi Amplifier / Verstaerker</p> <p>Fault Code: D6C40B</p> <p>Fault Explanation: :K-CAN bus Phys.Fehler</p> <p>Fault Code: B7F4E0</p> <p>Fault Explanation: :Sound Generation Default record ASD inside active / Logic part: Undervoltage detected</p>	
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Info Memory

These faults are saved in the Info-Section. They are no standard vehicle-faults, but sort of a warning notification. Info memory faults are not as critical as normal faults in general, but should be attended to as well.



Airbag

Crash safety / Airbag

Code: INFO 010002

Explanation: Error could not be sent on the maximum number of attempts



Park distance control / PDC

Park Distance Control / PDC

Code: INFO 64430C

Explanation: message (328h, relative time): Failure





Seats

Driver seat /Sitz Fahrer Heck Code: INFO 6D0013 Explanation: Error could not be sent on the maximum number of attempts	i
Seat passenger/ Beifahrer Sitz Code: INFO 6E0013 Explanation: Error could not be sent on the maximum number of attempts	i



Systems

Junction Box Code: INFO 002031 Explanation: VSM_EVENT_VEHICLESTATE	i
Central Control / Zentrale Bedieneinheit Code: INFO 67000D Explanation: HW watchdog	i



Chassis

Air suspension / Luftfederung	i
Code: INFO 38D703	
Explanation: Timeout, Coach message vehicle condition	



Body

Fussraummodul /FRM	i
Code: INFO C90402	
Explanation: Test DTC: Diagnostic Master Queue Deleted	
Code: INFO 723000	
Explanation: disturbed communication coprocessor	

<p>Integrated Chassis Module / Längs+Querdyamik</p> <p>Code: INFO 1CFFE9</p> <p>Explanation: SC-DM queue full</p> <p>Code: INFO 480130</p> <p>Explanation: CC coordinator - CC message needs the internal interface FAS</p> <p>Code: INFO 48013C</p> <p>Explanation: CC coordinator - CC message needs the internal interface ZFM</p> <p>Code: INFO D02C20</p> <p>Explanation: LDM: invalid received signal: SBS</p> <p>Code: INFO 48260B</p> <p>Explanation: SBS function - steering angle effectively - fault tolerance to signal psiP</p> <p>Code: INFO 482627</p> <p>Explanation: Central fault memory lock active</p>	i
<p>Tailgate / Hecktuer</p> <p>Code: INFO 6B930B</p> <p>Explanation: defective Hall sensor evaluation</p> <p>Code: INFO 6B9312</p> <p>Explanation: SG reset detected</p>	i



Other

<p>Hifi Amplifier / Verstaerker</p> <p>Code: INFO B7F4D1</p> <p>Explanation: News Failure vehicle condition</p>	i
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