



Official

Carly Diagnostics Report

BMW - F10, Build Year 2011

categorized as Upper middle class was diagnosed with Carly on
Jan 08 2020

Carly found 10 control units.

45 fault codes were detected.

26 info memory entries were found.



Motor Control

Engine / Motor	
ECU OK, no Fault Code	





ABS / DSC / Brake

Central Gateway / zentrales Gateway

Fault Code: 801C05

Fault Explanation: :VcmResultSvtCheck - Identity check: There are differences between the SVT and is recognized SVT target.



Hand brake / Feststellbremse (EMF)

Fault Code: D39482

Fault Explanation: :Message error (VIN, ID: Frame Number) Channel: CAS, FEM - Timeout

Fault Code: D394AC

Fault Explanation: :Message error (vehicle state, ID: FZZSTD) Channel: FEM, JBBF - Timeout

Fault Code: D394B8

Fault Explanation: :Message error (speed vehicle, ID: V VEH) Channel: ICM QL - Timeout

Fault Code: D394BE

Fault Explanation: :Error signal (speed vehicle, ID: V VEH) Channel: ICM QL - Invalid

Fault Code: D39A3E

Fault Explanation: :Error signal (speed vehicle, ID: V VEH) Channel: ICM QL - Qualifier

Fault Code: D394F2

Fault Explanation: :Message error (mileage / reach, ID: mileage) transmitter: Combined Combined base - Timeout

Fault Code: D394F8

Fault Explanation: :Message error (terminals, ID: TERMINAL) Channel: CAS, FEM - Timeout

Fault Code: D396A6

Fault Explanation: :Message error (tracking error time controlled terminal 30, ID: FLLUPT terminal 30G F) Channel: FEM, JBBF - Timeout

Fault Code: D396AC

Fault Explanation: :Message errors (lag time power supply, ID: FLLUPT GPWSUP) Channel: CAS, FEM - Timeout

Fault Code: D395BC

Fault Explanation: :Message error (status stabilization DSC, ID: ST STAB DSC) Channel: DSC module - Timeout

Fault Code: D39B57

Fault Explanation: :Message error (status hydraulic function, ID: ST HYDFN) Channel: DSC module - Timeout

Fault Code: D3AC8D

Fault Explanation: :Error signal (status hydraulic function, ID: ST HYDFN) Channel: DSC module - Qualifier

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Airbag

Crash safety / Airbag

ECU OK, no Fault Code



Transmission Control

Getriebesteuerung /Transmission

Fault Code: CF2E01

Fault Explanation: :Signal (actual braking torque sum, 0xEF) is invalid, transmitter DSC / Interface DSC: (Is braking torque sum 0xEF) signal invalid / DSC interface (AVL BRTORQ SUM / ST BRG DV, 0xEF / 0x173): Signal invalid / Signal (actual braking torque 0xEF): void / Signal (actual braking torque sum, 0xEF) is invalid braking torque sum transmitter DSC



Systems

Junction Box

ECU OK, no Fault Code



Fuel pump / Kraftstoffpumpe

ECU OK, no Fault Code





Chassis

Steering switch cluster / Schaltzentrum Lenksäule	
ECU OK, no Fault Code	





Body

Integrated Chassis Module / Längs+Querdynamik

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: 48002C

Fault Explanation: :Ready brake control unit / LDM function - high-level operational readiness brake control unit

Fault Code: 48002E

Fault Explanation: :LDM function - high-level operational readiness engine control unit / Ready engine control unit

Fault Code: 48261C

Fault Explanation: :SBS function - yaw rate sensor - error amplitude due to suspected error / Error amplitude Gierratenutzsignal due to suspected error

Fault Code: 482640

Fault Explanation: :Ready DSC

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: D02D02

Fault Explanation: :Signal fault (actual braking torque sum, ID: AVL BRTORQ SUM) - Qualifier / Error signal (actual braking torque sum, ID: AVL BRTORQ SUM) Channel: DSC Module - Qualifier

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: D02D03

Fault Explanation: :Error signal (actual braking torque wheel, ID: AVL BRTORQ WHL) Channel: DSC Module - Qualifier / Signal fault (actual braking torque wheel ID: AVL BRTORQ WHL) - Qualifier

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



Other

Check-Control Modul E38

Fault Code: 4823DF

Fault Explanation: :Power supply - Global voltage error

Fault Code: 4823F5

Fault Explanation: :News F10 - additional entry for PDU actual steering angle - AVL STEA FTAX

Fault Code: 4823F6

Fault Explanation: :News F10 - additional entry for PDU vehicle speed - V VEH

Fault Code: D52D54

Fault Explanation: :Error signal (torque crankshaft 1, ID: TORQ CRSH 1) Channel: DME1 - Qualifier

Fault Code: D514B2

Fault Explanation: :Error signal (vehicle state, ID: FZZSTD) Channel: FEM, JBBF - Invalid

Fault Code: D514BE

Fault Explanation: :Error signal (speed vehicle, ID: V VEH) - Invalid / Error signal (speed vehicle, ID: V VEH) Channel: ICM QL - Invalid

Fault Code: D51A3F

Fault Explanation: :Signal error (yaw speed vehicle ID: VYAW VEH) - Qualifier / Error signal (vehicle yaw rate, ID: VYAW VEH) Channel: ICM QL - Qualifier

Fault Code: D51A53

Fault Explanation: :Error signal (actual steering angle front, ID: AVL STEA FTAX) Channel: ICM QL - Qualifier

Fault Code: D51A62

Fault Explanation: :Error signal (lateral acceleration of gravity, ID: ACLNY MASSCNTR) Channel: ICM QL - Qualifier / Signal failure (lateral acceleration of gravity, ID: ACLNY MASSCNTR) - Qualifier

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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.



Motor Control

Engine / Motor	i
Code: INFO CDB004	
Explanation: 0xCDB004 FA CAN message (data transmission path, 0x1AF): missing	
Code: INFO CDB104	
Explanation: 0xCDB104 FA-CAN, message (request torque crankshaft gear, 0xB0): absent	
Code: INFO CDA604	
Explanation: 0xCDA604 FA-CAN, message (request torque crankshaft gear 2, 0xA0): absent	



ABS / DSC / Brake

Central Gateway / zentrales Gateway

Code: INFO 100CFF

Explanation: CAN logger fault memory entry

Code: INFO 100BFF

Explanation: MOST logger fault memory entry

Code: INFO 1006FF

Explanation: FlexRay logger fault memory entry

Code: INFO 1011FF

Explanation: Logger fault memory entry for other ZGW component

Code: INFO 100600

Explanation: FlexRay protocol startup time is too high

Code: INFO 100601

Explanation: Unexpected asynchronous state Flexraybus

Code: INFO 100100

Explanation: lost contact with FCM slave

Code: INFO 100406

Explanation: FsCSM sends F60 or F70 no answer

Code: INFO 100203

Explanation: DM software error Info Warning

Code: INFO 100204

Explanation: Botschaftsueberwachung: failed system context signal



Hand brake / Feststellbremse (EMF) Code: INFO 48058B Explanation: Diagnostic Master - queue full Code: INFO 48058C Explanation: deleted queue - Diagnostic Master	i
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Body

Integrated Chassis Module / Längs+Querdynamik Code: INFO 1CFFE9 Explanation: SC-DM queue full Code: INFO 480130 Explanation: CC coordinator - CC message needs the internal interface FAS Code: INFO 48260D Explanation: Driving state observer (FZB) - VCH learning at the upper border Code: INFO D02C20 Explanation: LDM: invalid received signal: SBS Code: INFO 48260B Explanation: SBS function - steering angle effectively - fault tolerance to signal psiP Code: INFO 482627 Explanation: Central fault memory lock active	i
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Other

Check-Control Modul E38

Code: INFO 482325

Explanation: Steering angle signal is incorrect (KFC_STANGLE)

Code: INFO 48232F

Explanation: BUS ESP (KFC_ESP)

Code: INFO 482331

Explanation: BUS-combustion engine speed (KFC_RPM)

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