Shop Name: --
Tel: --
Email: --
Address: --

Report ID: MAXIA20260512123108
Test Time: 2026-05-12 12:31:08
Technician: Werner

BMW VEHICLE DIAGNOSTIC REPORT

Vehicle Information

--/BMW/X'/X4 M_S58/--
VIN: WBSUJ02000LC99415

Odometer Reading: 109192km
License Plate: LG64VZGP

Customer Information

Name: MFC NEDBANK

Tel: 0118799321

Device information

Scanner: MaxiSys MS906 BT
Version: V25.10

Serial Number: VB8GJCC01509
Repair Order Number: --

System Scanned (34)

System		Status/DTC
DME (Engine-Digital Motor Electronics)		13
EGS (Electronic Transmission Management)		6
VTG (Transfer Box)		2
DSC (Dynamic Stability Control)		3
ACSM (Airbag-Advanced Crash Safety Module)		7
KOMBI (Instrument Cluster)		13
HRSNL (Left Rear Radar Sensor Near Range)	ADAS	0
SRSNVR (Right Front Side Radar Sensor Near Range)	ADAS	0
BDC (Body Domain Controller)		17
TRSVC (All Round View Camera)	ADAS	3
HRSNR (Right Rear Radar Sensor Near Range)	ADAS	1
HKFM (Rear Tailgate Function Module)		3
GHAS (Regulated Differential Lock)		4
ZGM (Central Gateway Module)		5
FRSF (Long-distance range front radar sensor)	ADAS	1
SAS (Optional Equipment System)		2
SRSNVL (left Front Side Radar Sensor Near Range)	ADAS	0
PMA (Parking Manoeuvring Assistant)	ADAS	11
EPS (Electric Power Steering)		2
AMPT (Top Hi-Fi Amplifier)		2

ASD (Active Sound Design)		1
FLEL (Frontal Light Electronics Left)	ADAS	1
FLER (Frontal Light Electronics Right)	ADAS	1
FZD (Roof Function Center)		2
KAFAS (Camera-Based Driver-Assistance Systems)	ADAS	3
GWS (Gear Selector Switch)		1
TCB (Combox Emergency Call)		1
HUH (Headunit High)		5
CON (Controller)		1
SMFA (Driver Seat Module)		3
SMBF (Front Passenger Seat Module)		4
AHM (Trailer Module)		1
VDP (Vertical dynamics platform)		1
IHKA (Integrated Automatic Heating And A/C System)		3

DTC (123)

DME (Engine-Digital Motor Electronics) (13 DTCs)

DTC	Description	Status
030E04	Power management: central undervoltage	Intermittent
213A21	Vehicle voltage, working area: Voltage too low	Intermittent
CD8B2A	No message (request, wheel torque, drive train, sum, stabilisation, 43.1.4), receiver DME, transmitter DSC	Intermittent
CDA728	No message (KOMBI status display), receiver DME, transmitter KOMBI	Intermittent
030E08	Power management: Battery below upper startability limit	Intermittent
030E06	Power management: Reduction or shutdown of individual electrical consumer	Intermittent
030E45	Power management, battery condition recognition: Voltage too low	Intermittent
030E56	Intelligent battery sensor 1: Communication fault - read service hardware version	Intermittent
CD9432	No message (status, transmission control unit), receiver DME, transmitter EGS	Intermittent

030E55	Intelligent battery sensor 1: communication fault - read service healing counter	Intermittent
030E57	Intelligent battery sensor 1: communication fault - read standby current histogram service	Intermittent
030E53	Intelligent battery sensor 1: Read communication fault service counter of battery exchange	Intermittent
1C0001	Oil-pressure control: Pressure variations	Intermittent

EGS (Electronic Transmission Management) (6 DTCs)

DTC	Description	Status
420511	Supply voltage: Undervoltage	Intermittent
420633	Position sensor: implausible or parking lock in intermediate setting for too long	Intermittent
420571	Supply voltage: outside of specified range (below 6.5 V)	Intermittent
CF3531	Signal (driver's choice actual sum braking torque) invalid, transmitter DSC	Intermittent
CF2F03	Signal (lateral acceleration, centre of gravity) invalid, transmitter DSC	Intermittent
CF140A	Message error: Validation of message faults by means of active degradation	Intermittent

VTG (Transfer Box) (2 DTCs)

DTC	Description	Status
440201	Undervoltage detected	Intermittent
CF4420	VTG, FlexRay: Communication fault	Permanent

DSC (Dynamic Stability Control) (3 DTCs)

DTC	Description	Status
4807D1	DSC: Undervoltage at control unit	Intermittent
480A12	Brake pad wear sensor: Rear axle, replace brake pads	Permanent
D358B5	Message (display instrument cluster, 97.0.2) missing, receiver DSC, transmitter instrument cluster	Permanent

ACSM (Airbag-Advanced Crash Safety Module) (7 DTCs)

DTC	Description	Status
9309C9	Seat belt buckle contact front passenger: Short circuit to B+	Intermittent
C9540B	No message (parking, longitudinal guidance), receiver ACSM, transmitter SAS	Intermittent
C9540E	No message (park button operation duration), receiver ACSM, transmitter SAS	Intermittent

9309C3	Driver's seat belt buckle contact: Short circuit to B+	Intermittent
803185	PDC: Activation not possible	Intermittent
930AA1	Supply voltage: Undervoltage	Intermittent
9309C8	Seat belt buckle contact front passenger: Short circuit to negative	Intermittent

KOMBI (Instrument Cluster) (13 DTCs)

DTC	Description	Status
E12C01	Left fuel level sensor: Short circuit to B+	Intermittent
E12C03	Right fuel level sensor: Short circuit to B+	Intermittent
B7F6A4	Instrument panel: Voltage supply to terminal 30B failed	Intermittent
B7F662	Instrument panel: Redundant data cannot be restored from the partner control unit	Intermittent
B7F666	Instrument panel: CBS data cannot be restored	Intermittent
B7F685	Instrument panel: Undervoltage detected	Intermittent
E11570	No message (forecast display 2), KOMBI receiver, SAS transmitter	Intermittent
E11524	Message (Efficient-Dynamics-Pilot display) missing, receiver KOMBI, transmitter SAS	Intermittent
E114EB	Message (check control parking manoeuvring assistant display) missing, receiver KOMBI, transmitter SAS	Intermittent
E11573	No message (display, driver assistance system), receiver KOMBI, transmitter SAS	Intermittent
E11505	No message (display, Check Control bypass 02), receiver KOMBI, transmitter AHM	Intermittent
E11539	Message (EDC Check Control display) missing, receiver KOMBI, transmitter VDP	Intermittent
B7F6EA	HUD: Undervoltage	Intermittent

BDC (Body Domain Controller) (17 DTCs)

DTC	Description	Status
030031	Power window regulator, driver's side: Hardware fault	Intermittent
0300B1	Power window regulator, passenger's side: Hardware fault	Intermittent
030131	Rear driver's side power window regulator: Hardware fault	Intermittent
0301B1	Power window, passenger's side, rear: Hardware fault	Intermittent
80402F	BDC Total discharge detected	Permanent
8040D2	BDC Activation of parking status, vehicle electrical system not OK	Intermittent

80416D	Engine compartment lid contact switch: Open during driving	Intermittent
804261	Exterior mirror undervoltage	Intermittent
804415	Radio remote control: Battery undervoltage	Permanent
80442A	Light operating unit (BEL), (LIN): Rotary switch is defective	Intermittent
80444D	Inside mirror: Undervoltage detected	Intermittent
804922	Sensor voltage: Signal implausible	Intermittent
804A7E	Wireless charging oddments tray: Line fault between aerial amplifier and roof-mounted aerial	Permanent
D90C1B	LIN master FI-LIN: Short circuit	Permanent
D90C1C	LIN master FI-LIN: No communication	Permanent
D90C1D	LIN master FI-LIN: Communication faulty	Intermittent
D90D11	Evaluation electronics, non-contact tailgate opening (LIN): missing LIN components or no communication possible	Permanent

TRSVC (All Round View Camera) (3 DTCs)

DTC	Description	Status
800B86	Reversing camera: Connection fault	Permanent
800B9F	TRSVC: Undervoltage detected	Intermittent
CA941A	Message (additional information, vehicle status) missing, receiver TRSVC, transmitter BDC-ZGM / BCP	Intermittent

HRSNR (Right Rear Radar Sensor Near Range) (1 DTC)

DTC	Description	Status
CB1502	No message (status, assistance system display), receiver HRSNR, transmitter KOMBI	Intermittent

HKFM (Rear Tailgate Function Module) (3 DTCs)

DTC	Description	Status
801703	HKFM: Undervoltage detected	Intermittent
801724	HKFM, automatic operation of tailgate: Driving speed exceeds 0 km/h for operating requirement	Permanent
CC4468	HKFM, K-CAN2: Communication fault	Intermittent

GHAS (Regulated Differential Lock) (4 DTCs)

DTC	Description	Status
482B94	Control unit: engine output stage driver diagnosis	Intermittent
482B82	Terminal 15N: Undervoltage	Intermittent
482B80	Terminal 30B: Undervoltage	Intermittent
482B8B	Servomotor: plausibility fault during actuator initialisation	Intermittent

ZGM (Central Gateway Module) (5 DTCs)

DTC	Description	Status
801C16	Faulty go to sleep in status stationary function (customer not in the vehicle)	Intermittent
801C18	Parking status requirement (vehicle electrical system not OK) sleep block	Intermittent
801C19	Faulty go to sleep in parking status (vehicle electrical system not OK)	Intermittent
CD0468	ZGM, K-CAN2: communication fault	Intermittent
CD0600	ZGM: Ethernet: Unexpected communication termination	Intermittent

FRSF (Long-distance range front radar sensor) (1 DTC)

DTC	Description	Status
482111	ACC/FRSF: Reset performed	Intermittent

SAS (Optional Equipment System) (2 DTCs)

DTC	Description	Status
D19DD9	Signal (warning brake coordinator status, 45.2.4) invalid, transmitter DSC	Intermittent
D19C98	No message (status display, assistance system, 111.3.4), receiver SAS, transmitter KOMBI	Intermittent

PMA (Parking Manoeuvring Assistant) (11 DTCs)

DTC	Description	Status
803230	Ultrasonic sensor front outer left: Sensor faulty	Intermittent
803271	Information: Acoustic distance warning not possible	Intermittent
D42DAF	Signal (status display assistance system) invalid, transmitter instrument cluster	Intermittent
D42DAE	Message (status display assistance system) missing, receiver Parking Manoeuvring Assistant, transmitter instrument cluster	Intermittent
80337E	Voltage supply - Local undervoltage	Intermittent
D4157A	Signal (powertrain 4 wheel torque) invalid, transmitter DME / DDE	Intermittent
D415A0	No message (trailer status), receiver PMA, transmitter AHM	Intermittent
D4167C	No message (park button operation duration), receiver PMA, transmitter SAS	Intermittent
D41686	No message (parking, longitudinal guidance), receiver PMA, transmitter SAS	Intermittent

D41696	Message (status Parking Manoeuvring Assistant 2) missing, receiver Parking Manoeuvring Assistant, transmitter optional equipment system	Intermittent
D419AB	Signal (data, drive train 2) invalid, transmitter DME/DDE	Intermittent

EPS (Electric Power Steering) (2 DTCs)

DTC	Description	Status
4822A6	EPS voltage supply: Undervoltage in vehicle (external faults, e.g. network faults are suppressed).	Intermittent
D50420	EPS FlexRay: Communication fault	Intermittent

AMPT (Top Hi-Fi Amplifier) (2 DTCs)

DTC	Description	Status
B7F4E0	AMPT: Undervoltage	Intermittent
B7F4E1	AMPT: Undervoltage	Intermittent

ASD (Active Sound Design) (1 DTC)

DTC	Description	Status
805382	ASD: Undervoltage	Intermittent

FLEL (Frontal Light Electronics Left) (1 DTC)

DTC	Description	Status
8059BD	Undervoltage detected	Intermittent

FLER (Frontal Light Electronics Right) (1 DTC)

DTC	Description	Status
805B37	Undervoltage detected	Intermittent

FZD (Roof Function Center) (2 DTCs)

DTC	Description	Status
801A38	FZD: Undervoltage detected	Intermittent
801A55	Anti-theft alarm system: Alarm signal - details in alarm memory	Intermittent

KAFAS (Camera-Based Driver-Assistance Systems) (3 DTCs)

DTC	Description	Status
800AB9	KAFAS: Undervoltage detected	Intermittent
800ABE	KAFAS camera: Lack of visibility	Intermittent
800A01	KAFAS camera: Camera field of view malfunction due to weather conditions	Intermittent

GWS (Gear Selector Switch) (1 DTC)

DTC	Description	Status
802696	Undervoltage detected	Intermittent

TCB (Combox Emergency Call) (1 DTC)

DTC	Description	Status
031785	TCB: Functional limitation of breakdown call	Permanent

HUH (Headunit High) (5 DTCs)

DTC	Description	Status
B7F86B	HU-H: Undervoltage	Intermittent
E1C440	HU-H: Reset	Intermittent
E1C600	Headunit: Ethernet: Unexpected communication termination	Intermittent
E1C603	Headunit: Ethernet: Reset of communication	Intermittent
B7F8F8	Digital video input: No video signal available	Intermittent

CON (Controller) (1 DTC)

DTC	Description	Status
801405	CON: Undervoltage	Intermittent

SMFA (Driver Seat Module) (3 DTCs)

DTC	Description	Status
8029D4	SMFA: Undervoltage detected	Intermittent
802A1E	SMFA: No seat adjustment is possible due to engine start	Intermittent
802A30	SMFA, seat heating: Reduced heater output due to the limited availability of energy-board network	Intermittent

SMBF (Front Passenger Seat Module) (4 DTCs)

DTC	Description	Status
802BD4	SMBF: Undervoltage detected	Intermittent
802C1E	SMBF: No seat adjustment is possible due to engine start	Intermittent
802C30	Front passenger seat module, seat heating: Reduced heater output due to the limited availability of energy-board network	Intermittent
802BC0	Front passenger seat module, switch block seat adjustment: Switch hangs (continuous operation)	Intermittent

AHM (Trailer Module) (1 DTC)

DTC	Description	Status
E54468	AHM, K-CAN: Communications fault	Intermittent

VDP (Vertical dynamics platform) (1 DTC)

DTC	Description	Status
482B27	VDP: Global voltage supply - internal undervoltage	Intermittent

IHKA (Integrated Automatic Heating And A/C System) (3 DTCs)

DTC	Description	Status

801127	Rear passenger compartment left air distribution flap motor or air distribution-rear compartment flap motor: Locking detected	Intermittent
801318	IHKA control unit: Undervoltage detected	Intermittent
80131A	Integrated automatic heating / air conditioning system: 12V voltage sensor, short circuit to ground or line disconnection. (Emission-relevant for hybrid vehicles.)	Intermittent

Technician Notes

2017234690

Customer name: _____

Technician: _____

Date: _____

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