

BMW VEHICLE DIAGNOSTIC REPORT

Vehicle Information

--/BMW/X'/X5 M50d_B57/--
VIN: WBACV020X0LB13240

Odometer Reading: 204588km
License Plate: LL76GJGP

Customer Information

Name: MFC Dekra Nedbank Auction House

Tel: 0861033572

Device information

Scanner: MaxiSys MS906 BT
Version: V24.00

Serial Number: VB8GJCC01509
Repair Order Number: --

 System Scanned (39)

System		Status/DTC
DDE (Engine-Diesel Electronics)		 6
EGS (Electronic Transmission Management)		 2
VTG (Transfer Box)		 2
DSC (Dynamic Stability Control)		 3
ACSM (Airbag-Advanced Crash Safety Module)		 1
KOMBI (Instrument Cluster)		 0
HRSNL (Left Rear Radar Sensor Near Range)		 0
SRSNVR (Right Front Side Radar Sensor Near Range)		 0
BDC (Body Domain Controller)		 19
DCS (Driver Camera System)		 1
ZGM (Central Gateway Module)		 0
KAFAS (Camera-Based Driver-Assistance Systems)		 4
RAM (Receiver audio module)		 3
TRSVSVC (All Round View Camera)		 0
EPS (Electric Power Steering)		 0
VDP (Vertical dynamics platform)		 2
FRSF (Long-distance range front radar sensor)		 1
VIP (Virtual integration system)		 2
GHAS (Regulated Differential Lock)		 0
EARSV (Front Electric Active Roll Stabilization)		 0

HSR (Rear Axle Slip Angle Control)		✓ 0
EARSH (Rear Electric Active Roll Stabilization)		✓ 0
HRSNR (Right Rear Radar Sensor Near Range)	ADAS	✗ 1
SAS2 (Optional Equipment System 2)		✗ 20
HUH (Headunit High)		✓ 0
SRSNVL (left Front Side Radar Sensor Near Range)	ADAS	✓ 0
IHKA (Integrated Automatic Heating And A/C System)		✓ 0
HKFM (Rear Tailgate Function Module)		✗ 4
SMBF (Front Passenger Seat Module)		✓ 0
PMA (Parking Manoeuvring Assistant)	ADAS	✗ 5
SMFA (Driver Seat Module)		✓ 0
CON (Controller)		✗ 1
FLEL (Frontal Light Electronics Left)	ADAS	✗ 3
FLER (Frontal Light Electronics Right)	ADAS	✗ 3
GWS (Gear Selector Switch)		✗ 1
PCU (Power Control Unit)		✗ 3
AHM (Trailer Module)		✓ 0
TCB (Combox Emergency Call)		✗ 1
FZD (Roof Function Center)		✗ 2

DTC (90)

DDE (Engine-Diesel Electronics) (6 DTCs)

DTC	Description	Status
2ED800	Charging pressure controller for high-pressure stage (variable turbine geometry): Mechanically faulty near closed position	Intermittent
030E0F	Power management: Remote software upgrade deactivated due to ageing battery	Permanent
030E06	Power management: Reduction or shutdown of individual electrical consumer	Permanent
030E08	Power management: Battery below upper startability limit	Intermittent
030E45	Power management, battery condition recognition: Voltage too low	Intermittent

33B100	Vehicle electrical system voltage insufficient at attempt to start the engine	Intermittent
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EGS (Electronic Transmission Management) (2 DTCs)

DTC	Description	Status
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

VTG (Transfer Box) (2 DTCs)

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

DSC (Dynamic Stability Control) (3 DTCs)

DTC	Description	Status
480ABE	DSC control unit: internal, terminal 30, undervoltage	Intermittent
4807D1	DSC: Undervoltage at control unit	Intermittent
4807CE	DSC: Undervoltage in vehicle, external	Intermittent

ACSM (Airbag-Advanced Crash Safety Module) (1 DTC)

DTC	Description	Status
930AA1	Supply voltage: Undervoltage	Intermittent

BDC (Body Domain Controller) (19 DTCs)

DTC	Description	Status
030031	Power window regulator, driver's side: Hardware fault	Intermittent
0300B0	Power window regulator, passenger's side: Switch	Intermittent
0300B1	Power window regulator, passenger's side: Hardware fault	Intermittent
030130	Rear driver's side power window regulator: Switch	Intermittent
0301B0	Power window, passenger's side, rear: Switch	Intermittent
0301B1	Power window, passenger's side, rear: Hardware fault	Intermittent
030352	Steering column switch cluster (SZL): Signal implausible	Intermittent
0304C8	ELSV (LIN): Voltage supply outside the valid range	Intermittent
80402F	Power management, battery condition: Total discharge	Permanent
8040D2	PRD status: Activation of parking status, vehicle electrical system not OK	Intermittent
80416D	Engine compartment lid contact switch: Open during driving	Intermittent
804177	Evaluation electronics, contactless tailgate opening (LIN): Undervoltage or overvoltage detected	Intermittent

804178	Evaluation electronics, contactless tailgate opening (LIN): Parameterisation faulty	Intermittent
8041AB	Battery exhaustive discharge protection: switch-off of side lights	Intermittent
8041B2	Light active: Startability limit reached	Intermittent
804261	Exterior mirror, left or right: Undervoltage	Intermittent
804291	Windscreen wiper: Emergency operation	Intermittent
D90C22	LIN Master L: No communication	Permanent
D90C2B	LIN master FI_LIN_2: Communication faulty	Permanent

DCS (Driver Camera System) (1 DTC)

DTC	Description	Status
80867E	DCS: Undervoltage detected	Permanent

KAFAS (Camera-Based Driver-Assistance Systems) (4 DTCs)

DTC	Description	Status
E0561B	Signal (chassis, vehicle model) invalid, transmitter VDP / DSC / AHM	Permanent
E05614	Signal (chassis, direction of travel) invalid, transmitter VIP	Permanent
E05622	Invalid signal (body, wash/wipe system), transmitter BDC- ZGM	Intermittent
800A24	KAFAS: Temporary software fault	Intermittent

RAM (Receiver audio module) (3 DTCs)

DTC	Description	Status
B7F499	RAM: Undervoltage detected	Intermittent
B7F4B6	Audio amplifier (booster): External undervoltage terminal 30B	Intermittent
B7F4B8	Audio amplifier (booster): Terminal 30 undervoltage	Intermittent

VDP (Vertical dynamics platform) (2 DTCs)

DTC	Description	Status
482B25	VDP: Global voltage supply - external undervoltage	Intermittent
482B27	VDP: Global voltage supply - internal undervoltage	Intermittent

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

DTC	Description	Status
482111	ACC/FRSF: Reset performed	Intermittent

VIP (Virtual integration system) (2 DTCs)

DTC	Description	Status
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D75688	Invalid signal (wiper button operation, 258.2.4), transmitter BDC-ZGM	Intermittent
483903	VIP: Undervoltage in vehicle	Intermittent

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

DTC	Description	Status
481CC2	Incompatible software in the sensor group	Intermittent

SAS2 (Optional Equipment System 2) (20 DTCs)

DTC	Description	Status
D1D621	Signal (odometry, vehicle 1, 54.0.2) invalid, transmitter DSC / VIP	Permanent
D1D47D	Signal (data function of alertness assistant, 251.3.8) invalid, transmitter ACSM	Permanent
D1D5CD	Signal (vehicle movement actual vector, 59.1.2) invalid, transmitter DSC / VIP	Intermittent
022345	SAS: Voltage supply - global external undervoltage	Intermittent
D1D688	Invalid signal (wiper button operation, 258.2.4), transmitter BDC / ZGM	Intermittent
D1D5E9	Signal (object list right side radar) invalid, transmitter SRSNVL	Intermittent
D1D5E5	Signal (object list left side radar) invalid, transmitter SRSNVL	Intermittent
D1D651	Signal (quality object 00 right side radar) invalid, transmitter SRSNVR	Intermittent
D1D64D	Signal (quality object 00 left side radar) invalid, transmitter SRSNVL	Intermittent
D1D649	Signal (expanded object 00 right side radar) invalid, transmitter SRSNVR	Intermittent
D1D645	Signal (expanded object 00 left side radar) invalid, transmitter SRSNVL	Intermittent
D1D6B4	Signal (expanded object 00 right 2 side radar) invalid, transmitter SRSNVR	Intermittent
D1D6B0	Signal (expanded object 00 left 2 side radar) invalid, transmitter SRSNVL	Intermittent
D1D641	Signal (basic object 00 right side radar) invalid, transmitter SRSNVR	Intermittent
D1D63D	Signal (basic object 00 left side radar) invalid, transmitter SRSNVL	Intermittent

D1D5B9	Signal (free space list right side radar, 7A0) invalid, transmitter SRSNVR	Intermittent
D1D5B5	Signal (free space list left side radar) invalid, transmitter SRSNVL	Intermittent
D1D639	Signal (free space segment 00 right side radar) invalid, transmitter SRSNVR	Intermittent
D1D635	Signal (free space segment left side radar) invalid, transmitter SRSNVL	Intermittent
022341	SAS: Voltage supply - Local undervoltage	Intermittent

HKFM (Rear Tailgate Function Module) (4 DTCs)

DTC	Description	Status
801788	Soft-close automatic for right lower tailgate (LIN):Undervoltage or overvoltage detected	Intermittent
801780	Soft-close automatic for left lower tailgate (LIN):Undervoltage or overvoltage detected	Intermittent
801702	HKFM, automatic operation of tailgate: limited function due to missing standardisation	Intermittent
801703	HKFM: Undervoltage detected	Intermittent

PMA (Parking Manoeuvring Assistant) (5 DTCs)

DTC	Description	Status
8031B7	Voltage supply, ultrasonic sensor front: Short circuit to ground	Permanent
80337A	Ultrasonic sensors: reduced measurement frequency or incorrect installation	Intermittent
80337E	PMA: Voltage supply - undervoltage at the control unit	Intermittent
D42DA1	Signal (odometry vehicle 1) invalid, transmitter DSC / VIP	Permanent
D42DA9	Signal (vehicle movement actual vector) invalid, transmitter DSC / VIP	Permanent

CON (Controller) (1 DTC)

DTC	Description	Status
801405	CON: Undervoltage	Intermittent

FLEL (Frontal Light Electronics Left) (3 DTCs)

DTC	Description	Status
805A05	Undervoltage detected	Intermittent
8059EA	Elektronics module laser light: Undervoltage/Overvoltage identified	Intermittent

8059F0	Elektronics module laser light: Communication fault from the electronics module laser light: Communication fault identified by the electronics module laser light?	Intermittent
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FLER (Frontal Light Electronics Right) (3 DTCs)

DTC	Description	Status
805B85	Undervoltage detected	Intermittent
805B6A	Elektronics module laser light: Undervoltage/Overvoltage identified	Intermittent
805B70	Elektronics module laser light: Communication fault identified by the satellite	Intermittent

GWS (Gear Selector Switch) (1 DTC)

DTC	Description	Status
802696	Undervoltage detected	Intermittent

PCU (Power Control Unit) (3 DTCs)

DTC	Description	Status
803D0A	PCU: Vehicle electrical system connection, undervoltage	Intermittent
803D4D	PCU: Auxiliary battery connection, undervoltage (long-term)	Intermittent
803D4F	PCU: Undervoltage (long-term)	Intermittent

TCB (Combox Emergency Call) (1 DTC)

DTC	Description	Status
B7F341	Emergency battery: Hardware faulty	Permanent

FZD (Roof Function Center) (2 DTCs)

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

Technician Notes
2016998549

Customer name: _____

Technician: _____

Date: _____

Note:Please save a copy of this report for your records.