

BMW VEHICLE DIAGNOSTIC REPORT

Vehicle Information

--/BMW/3/320i_N20/--
VIN: WBA3X12050D735476

Odometer Reading: 175272km
License Plate: JM73CPGP

Customer Information

Name: MFC NEDBANK

Tel: 0118799321

Device Information

Scanner: MaxiSys MS906 BT
Version: V26.01

Serial Number: VB8GJCC01509
Repair Order Number: --

 System Scanned (18)

System	Status/DTC
DME (Engine-Digital Motor Electronics)	 17
EGS (Electronic Transmission Management)	 0
DSC (Dynamic Stability Control)	 6
ACSM (Airbag-Advanced Crash Safety Module)	 2
KOMBI (Instrument Cluster)	 1
FEM (Front Electronic Module)	 22
HKFM (Rear Tailgate Function Module)	 0
ZGM (Central Gateway Module)	 3
EKPS (Electric Fuel Pump Control)	 0
ICM (Integrated Chassis Management)	 9
EPS (Electric Power Steering)	 3
CBX-MEDIA (ComBox Multimedia)	 0
FZD (Roof Function Center)	 3
GWS (Gear Selector Switch)	 0
HUB (Headunit Basis)	 6
CON (Controller)	 1
REM (Rear Electronic Module)	 16
IHKA (Integrated Automatic Heating And A/C System)	 2

 DTC (91)

DME (Engine-Digital Motor Electronics) (17 DTCs)

DTC	Description	Status
201004	CBS client: output of substitute value	Intermittent
1C4110	Oil level sensor: Malfunction	Permanent
CDA451	No message (actual steering torque, driver, actuator, 49.0.2), receiver DME, transmitter EPS	Intermittent
CDA452	No message (actual power, rack, 49.0.2), receiver DME, transmitter EPS	Intermittent
CD8E10	LIN bus : Communications fault	Intermittent
CD9010	LIN, message; electric coolant pump: Missing	Intermittent
213601	Power management: Standby current violation	Intermittent
CD8E12	LIN, message; alternator: Missing	Intermittent
CD8F01	LIN, message; intelligent battery sensor (IBS): Missing	Intermittent
215001	LIN, message; intelligent battery sensor (IBS): Missing	Intermittent
210C01	LIN / BSD, message; alternator: Missing	Intermittent
CD9437	DME, FlexRay: Communication fault	Intermittent
1C3101	Engine oil pressure / temperature sensor, plausibility: Pressure too high before engine start	Intermittent
213A21	Vehicle voltage, working area: Voltage too low	Intermittent
213501	Power management: Total discharge	Intermittent
213901	Power management: Reduction or shutdown of individual electrical consumer	Intermittent
135B11	Valvetronic servomotor, activation phase V: line disconnection	Intermittent

DSC (Dynamic Stability Control) (6 DTCs)

DTC	Description	Status
D35A53	Signal (actual steering angle, front axle, 57.1.2) invalid, transmitter ICM/EPS	Intermittent
D35A62	Signal (lateral acceleration, centre of gravity) invalid, transmitter ICM/EPS	Intermittent
D354EE	ICM interface (actual steering angle, front axle, ID: 57.1.2): Signal invalid	Intermittent
480AB8	DSC control unit: Vehicle start with vehicle moving or driving condition unknown	Intermittent
480964	DSC: Undervoltage at control unit, intensive	Intermittent
4809AB	DSC: Undervoltage in vehicle	Intermittent

ACSM (Airbag-Advanced Crash Safety Module) (2 DTCs)

DTC	Description	Status
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930AA1	Crash safety module: Undervoltage	Intermittent
930AA3	Crash safety module: Undervoltage detected in self-test	Intermittent

KOMBI (Instrument Cluster) (1 DTC)

DTC	Description	Status
B7F685	Instrument cluster: Undervoltage detected	Intermittent

FEM (Front Electronic Module) (22 DTCs)

DTC	Description	Status
030020	Power window, driver's door: system is not standardised.	Permanent
804011	Undervoltage 8V5	Intermittent
804013	No supply voltage to Terminal 30L1	Intermittent
804014	No supply voltage to Terminal 30L2	Intermittent
80402F	Power management, battery condition: Total discharge	Intermittent
804095	Driver KL50L: Current overload	Intermittent
8040B0	Wake-up line to the intelligent battery sensor IBS: Short circuit to earth	Intermittent
8040B1	Wake-up line to the intelligent battery sensor IBS: Short circuit to B+ or line disconnection	Intermittent
8040B7	De-activation of terminal 15: Top startability limit reached	Intermittent
8040B9	De-activation of terminal 30B: Top startability limit reached	Intermittent
8040BD	Reset or deactivation of terminal 30F	Intermittent
80416F	Engine compartment lid contact switch: implausible status	Intermittent
804190	Front fog light, left, faulty	Permanent
8041AB	Protection from total discharge: Switch-off of side lights	Intermittent
8041B2	Startability limit reached with lights active during stationary operation	Intermittent
8041B6	LWR system faulty	Permanent
8041BF	Rain-light-solar-condensation sensor: Light sensor, signal implausible	Intermittent
8041F4	Left headlight driver module (TMS): Daytime driving lights or position light, left has short circuit	Intermittent
804201	Right headlight driver module (TMS): Daytime driving lights or position light, right has short circuit	Intermittent
80444D	Inside mirror: Undervoltage detected	Intermittent
D90D29	Rain-light-solar-condensation sensor: Missing LIN slave	Intermittent
D90D32	Headlight driver module (TMS), right (LIN): No LIN-slave	Permanent

ZGM (Central Gateway Module) (3 DTCs)

DTC	Description	Status
CD0487	ZGM: Synchronisation process for FlexRay failed	Intermittent
CD042F	ZGM, FlexRay: Line fault on path 0	Intermittent
801C20	ZGM: central fault memory full - no control-unit fault	Permanent

ICM (Integrated Chassis Management) (9 DTCs)

DTC	Description	Status
D01C0C	Message (actual power, rack, 49.0.2) missing, receiver ICM, transmitter EPS	Intermittent
D02C24	Interface EPS (actual power, rack, 49.0.2): Signal invalid	Intermittent
D01B26	No message (actual position EPS, 51.0.2), receiver ICM, transmitter EPS	Intermittent
D01B2A	Signal (actual position EPS, 51.0.2) invalid, transmitter EPS	Permanent
D014A1	Signal (actual position EPS, 51.0.2) invalid, transmitter EPS	Intermittent
D019BF	Message (actual steering torque, driver, actuator, 49.0.2) missing, receiver ICM, transmitter EPS	Intermittent
D019C3	Interface EPS (actual steering torque, driver, actuator, 49.0.2): Signal invalid	Intermittent
D016A5	No message (display, Check Control, driving dynamics 02, 218.11.32), receiver ICM, transmitter EPS	Intermittent
D015C4	Message missing (status electrical steering, front axle, 234.1.2) , receiver ICM, transmitter EPS	Intermittent

EPS (Electric Power Steering) (3 DTCs)

DTC	Description	Status
4823FD	EPS voltage supply: Undervoltage at the control unit, deactivation of the steering servo	Intermittent
48239C	EPS torque sensor (steering angle index): Index faulty	Intermittent
D50420	EPS, FlexRay: Communications fault	Intermittent

FZD (Roof Function Center) (3 DTCs)

DTC	Description	Status
801A4C	SINE: Undervoltage in the internal voltage supply detected	Intermittent
801A55	DWA: The alarm has been activated	Permanent
801A38	FZD: Undervoltage detected	Intermittent

HUB (Headunit Basis) (6 DTCs)

DTC	Description	Status
B7F881	HU-B: no current coding data stored	Permanent
B7F882	HU-B: control unit is not encoded for the vehicle	Permanent
B7F821	Speaker output leads, front left: line disconnection	Permanent

B7F825	Speaker output leads, front right: line disconnection	Permanent
B7F829	Speaker output leads, rear left: line disconnection	Permanent
B7F82D	Speaker output leads, rear right: line disconnection	Permanent

CON (Controller) (1 DTC)

DTC	Description	Status
801405	CON: Undervoltage	Intermittent

REM (Rear Electronic Module) (16 DTCs)

DTC	Description	Status
8031D9	REM: Supply voltage too low	Intermittent
80322D	Ultrasonic sensor, front outer left, signal line: Short circuit to B+	Intermittent
803231	Front outer left ultrasonic sensor: sensor does not respond	Intermittent
803237	Ultrasonic sensor, front middle left: sensor does not respond	Intermittent
803239	Ultrasonic sensor, front centre right, signal line: Short circuit to B+	Intermittent
80323D	Ultrasonic sensor, front middle right: sensor does not respond	Intermittent
8032D0	Ultrasonic sensor, front outer left, signal line: Line disconnection	Permanent
8032D6	Ultrasonic sensor, front outer left, signal line: Line fault signal level	Permanent
8032D8	Ultrasonic sensor, front centre left, signal line: Line disconnection	Permanent
8032DB	Ultrasonic sensor, front centre left: internal sensor comparison not possible	Intermittent
8032DE	Ultrasonic sensor, front centre left, signal line: Line fault signal level	Intermittent
8032E0	Ultrasonic sensor, front centre right, signal line: Line disconnection	Permanent
8032E6	Ultrasonic sensor, front centre right, signal line: Line fault signal level	Intermittent
8032E8	Ultrasonic sensor, front outer right, signal line: Line disconnection	Permanent
804811	Undervoltage	Intermittent
80484C	Pre-latching system of Automatic Soft Close system (SCA): Short circuit to ground or Automatic Soft Close system is jammed or tailgate contact is faulty	Intermittent

IHKA (Integrated Automatic Heating And A/C System) (2 DTCs)

DTC	Description	Status
80120D	Undervoltage detected	Intermittent
E71448	Signal (data of automatic air recirculation control sensor) invalid, transmitter FEM / BDC	Intermittent

Technician Notes

2017304186

Customer name: _____

Technician: _____

Date: _____

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