MINI VEHICLE DIAGNOSTIC REPORT

Vehicle Information

--/MINI/MINI/Cooper S_B48/--
VIN: WMWLV720502N88967

Odometer Reading: 191430km
License Plate: JT95KXGP

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)	20
EGS (Electronic Transmission Management)	11
DSC (Dynamic Stability Control)	17
ACSM (Airbag-Advanced Crash Safety Module)	3
KOMBI (Instrument Cluster)	12
BDC (Body Domain Controller)	22
ZGM (Central Gateway Module)	2
PMA (Parking Manoeuvring Assistant) ADAS	7
AMP (Amplifier)	1
ASD (Active Sound Design)	1
FLEL (Frontal Light Electronics Left) ADAS	1
FLER (Frontal Light Electronics Right) ADAS	1
FZD (Roof Function Center)	6
GWS (Gear Selector Switch)	0
TCB (Combox Emergency Call)	2
HUB (Headunit Basis)	2
CON (Controller)	2
IHKA (Integrated Automatic Heating And A/C System)	8

DTC (118)

DME (Engine-Digital Motor Electronics) (20 DTCs)

DTC	Description	Status
CDA025	No message (actual power, rack, 49.0.2), receiver DME, transmitter EPS	Permanent
CDA032	No message (actual steering torque, driver, actuator, 49.0.2), receiver DME, transmitter EPS	Permanent
CD990F	Message (status electrical steering, front axle, 234.1.2) missing, receiver DME, transmitter EPS	Permanent
1C4111	Oil level sensor, plausibility: Level implausible	Permanent
201004	Oil level sensor: Issue of substitute values for CBS	Permanent
1C4110	Oil level sensor: Malfunction	Permanent
118001	Mixture control: Fuel-air mixture too lean	Intermittent
101F01	Air mass system, plausibility: calculated air masses in the air intake system not plausible	Intermittent
14000B	Misfire: Exhaust gas damaging	Intermittent
140410	Combustion misfire, cylinder 4: detected	Intermittent
140310	Combustion misfire, cylinder 3: detected	Intermittent
140110	Combustion misfire, cylinder 1: detected	Intermittent
140010	Combustion misfires, several cylinders: detected	Intermittent
133710	Intake valves adaptation air mass flow: Lower limit position reached	Intermittent
118002	Mixture control: Fuel-air mixture too rich	Intermittent
213501	Power management: Total discharge	Intermittent
CD9435	No message (EGS data), receiver DME, transmitter EGS	Intermittent
213901	Power management: Reduction or shutdown of individual electrical consumer	Intermittent
213A21	Vehicle voltage, working area: Voltage too low	Intermittent
1B9702	Information engine switch-off time: Timer KOMBI too low while engine is running	Intermittent

EGS (Electronic Transmission Management) (11 DTCs)

DTC	Description	Status
42000F	Electric motor clutch 1: Multiple fault operating principle impaired	Intermittent
42020F	Electric motor controller cylinder 1: Multiple fault operating principle impaired	Intermittent
42030F	Electric motor controller cylinder 2: Multiple fault operating principle impaired	Intermittent
420E0F	Oil sump temperature sensor 1: Deviation	Permanent

421203	Transmission oil: Shelf life exceeded	Permanent
421204	Sub transmission 1/2: Missing adaptation due to after-run that has not ended	Intermittent
421307	Logic/Sensor system supply voltage: Undervoltage	Intermittent
421309	Supply voltage power output stage: Undervoltage threshold value 1	Permanent
42130B	Supply voltage power output stage: Undervoltage threshold value 2	Intermittent
421417	Functional safety: Memory monitoring	Intermittent
CF1473	Message (navigation system information) missing, receiver EGS, transmitter KOMBI	Intermittent

DSC (Dynamic Stability Control) (17 DTCs)

DTC	Description	Status
480965	DSC: Overvoltage of control unit detected	Intermittent
480A12	Brake pad wear sensor: Rear axle, replace brake pads	Permanent
D35B26	Message (actual position EPS, 51.0.2) missing, receiver DSC, transmitter EPS	Permanent
D359BF	Message (actual steering torque, driver, actuator, 49.0.2) missing, receiver DSC, transmitter EPS	Permanent
D355C4	Message (front axle electrical steering status, 234.1.2) missing, receiver DSC, transmitter EPS	Intermittent
D356B6	Message (display, Check Control driving dynamics 02, 218.11.32) not current, receiver DSC, transmitter EPS	Permanent
D356A5	No message (display, Check Control driving dynamics 02, 218.11.32), receiver DSC, transmitter EPS	Permanent
D35C0C	Message (actual power, rack, 49.0.2) missing, receiver DSC, transmitter EPS	Permanent
480A11	Brake pad wear sensor: Front axle, replace brake pads	Permanent
4809AC	DSC: Overvoltage in vehicle	Intermittent
4809AB	DSC: Undervoltage in vehicle	Permanent
D36D1E	Signal (operation cruise control, 233.1.2) invalid, transmitter BDC-central gateway module	Intermittent
D357E7	Signal (data, drivetrain 2, 230.0.2) invalid, transmitter DME / DDE / EDME	Intermittent
030820	Driver assistance: Safety cutout, partner control unit	Intermittent
480964	DSC: Undervoltage at control unit, intensive	Intermittent

4807C2	Signal processing interface: Yaw rate, brief signal interference	Intermittent
480698	DSC control unit: Steering angle initialisation error, terminal change needed	Permanent

ACSM (Airbag-Advanced Crash Safety Module) (3 DTCs)

DTC	Description	Status
C95461	Speed: Communication fault	Intermittent
930AA1	Supply voltage: Undervoltage	Intermittent
C95460	Vehicle dynamics data estimated: Communication fault	Intermittent

KOMBI (Instrument Cluster) (12 DTCs)

DTC	Description	Status
E11422	Instrument cluster: Message for condition-based service: Message from CBS bus user (engine oil), signal fault	Intermittent
E114DC	Instrument panel: Message for condition-based service: Message from CBS user (BBH) has failed	Intermittent
E114DB	Instrument panel: Message for condition-based service: Message from CBS user (BBV) has failed	Intermittent
E114CA	Message (emergency call status) not current, receiver KOMBI, transmitter TCB	Intermittent
E1145A	Message (ID code, speed conversion) missing, receiver KOMBI, transmitter DSC	Intermittent
E114E0	Message (tyre status) missing, receiver KOMBI, transmitter DSC	Intermittent
E1149B	Message (vehicle distance travelled) missing, receiver KOMBI, transmitter DSC	Intermittent
E1146F	No message (status, stabilisation of DSC), receiver KOMBI, transmitter DSC	Intermittent
E11464	Message (vehicle speed) missing, receiver KOMBI, transmitter DSC	Intermittent
E11511	Message (crash control) missing, receiver KOMBI, transmitter ACSM	Intermittent
E11480	No message (alive counter, safety), receiver KOMBI, transmitter ACSM	Intermittent
E114B8	No message (display Check Control driving dynamics coordinated), receiver KOMBI, transmitter ICM/DSC	Intermittent

BDC (Body Domain Controller) (22 DTCs)

DTC	Description	Status

03000A	Power window regulator, driver's door: Hall effect sensor short circuit	Intermittent
03001D	Power window regulator, driver's door: Supply voltage to sensors switched off (overvoltage)	Intermittent
030020	Power window regulator, driver's door: system not normalised.	Permanent
03008A	Front passenger door power window regulator: Hall effect sensor short circuit	Intermittent
03009D	Front passenger door power window regulator: Supply voltage to sensors switched off (overvoltage)	Intermittent
03011D	Rear driver's door power window: Supply voltage to sensors switched off (overvoltage)	Intermittent
03019D	Power window regulator, rear passenger door: Supply voltage to sensors switched off (overvoltage)	Intermittent
030410	Multifunction steering wheel (MFL): Missing LIN slave	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
8040B7	De-activation of terminal 15: Top startability limit reached	Permanent
8040B9	De-activation of terminal 30B: Top startability limit reached	Permanent
8040BD	Terminal 30F reset or deactivated	Intermittent
804107	Aerial, passenger compartment, front: Line disconnection	Intermittent
8041B2	Light active: Startability limit reached	Intermittent
8041E3	Lights, voltage protection active	Intermittent
80444D	Inside mirror: Undervoltage detected	Permanent
804876	Output, rear left indicator faulty	Permanent
80491B	Seat heating, driver: Overvoltage detected	Intermittent
D90D3B	Seat heating, driver: missing LIN component	Intermittent
D90D3E	Seat heating, front passenger: missing LIN component	Intermittent

ZGM (Central Gateway Module) (2 DTCs)

DTC	Description	Status
CD0420	ZGM, FlexRay controller signalling fault	Intermittent
801C12	Send Power-Down command due to prevented sleeping	Intermittent

PMA (Parking Manoeuvring Assistant) (7 DTCs)

DTC	Description	Status

803216	Ultrasonic sensor, rear centre right, signal line: Short circuit to ground or open circuit	Permanent
D41473	No message (actual steering angle, front axle reduced), receiver PMA, transmitter ICM / DSC	Intermittent
D4147C	Signal (actual steering angle, front axle reduced) invalid, transmitter ICM / DSC	Permanent
D414B8	No message (driving speed), receiver PMA, transmitter ICM / DSC	Intermittent
D414D3	Message (distance covered, vehicle, 128.0.2) missing, receiver PMA, transmitter ICM / DSC	Intermittent
D414F6	Signal (kilometre reading/range, 276.4.8) invalid, transmitter KOMBI	Intermittent
D419AB	Signal (drive train data 2, 230.0.2) invalid, transmitter DME / DDE	Intermittent

AMP (Amplifier) (1 DTC)

DTC	Description	Status
B7F4E0	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) (6 DTCs)

DTC	Description	Status
801A55	Anti-theft alarm system: The alarm has been activated	Permanent
030214	SHD: Zero position overrun, normalisation loss	Intermittent
03021D	Slide/tilt sunroof drive deactivated due to overvoltage at hall effect sensors	Intermittent
03021E	Slide/tilt sunroof drive: No voltage supply	Intermittent
030220	SHD: Slide/tilt sunroof is not initialised	Intermittent
801A38	FZD: Undervoltage detected	Intermittent

TCB (Combox Emergency Call) (2 DTCs)

DTC	Description	Status

031785	TCB: Functional limitation of breakdown call	Permanent
031786	TCB: Functional limitation of Last State Call	Intermittent

HUB (Headunit Basis) (2 DTCs)

DTC	Description	Status
B7F86B	HU-B: Undervoltage	Intermittent
026323	HU-B: internal control unit fault (flash memory)	Intermittent

CON (Controller) (2 DTCs)

DTC	Description	Status
801405	CON: Undervoltage	Permanent
E2EC08	Signal (distance covered km) invalid, transmitter KOMBI	Intermittent

IHKA (Integrated Automatic Heating And A/C System) (8 DTCs)

DTC	Description	Status
801181	Defroster flap motor (high version) / air distribution flap motor (basic version): Internal stepper motor fault	Intermittent
801187	Left mixing flap drive (High) / mixing flap drive (basic): Internal stepper motor fault	Intermittent
80118A	Mixing flap drive, right Internal stepper motor fault	Intermittent
801190	Air distribution flap motor for ventilation area and left footwell level / footwell flap motor: Internal stepper motor fault	Intermittent
8011AB	Fresh air / recirculating air / backpressure flap motor: Internal stepper motor fault	Intermittent
80120D	Undervoltage detected	Intermittent
E71419	No message (vehicle speed), receiver IHKA, transmitter DSC / ICM	Intermittent
E71465	No message (configuration of switch for driving dynamics 2), receiver IHKA, transmitter DSC / ICM	Intermittent

Technician Notes

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Customer name: _____

Technician: _____

Date: _____

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