

Vehicle Diagnostic Report

The Report is created by **LAUNCH X-431**

Vehicle Information



Year:2009
 Make:MERCEDES-BENZ
 Model:S-Class S550
 VIN:WDDNG71X49A262798
 Engine Size:5.5L 8
 Odometer:259174 miles
 Vehicle Software Version:V50.48
 Diagnostic Application Version:V7.00.010
 Diagnostic path:Automatically Search

Repair Shop

Shop Name:,,.,!!!Jason's auto repair
 Address:311 larkfield rd east northport
 Zip Code:
 Telephone:6317542137
 Email:
 SN:988784012837
 Test Time:2025-11-19 07:29:23



System fault code 【Pre-Repair】

The following systems is abnormal:

TCM - Transmission Control Module(Drive Train CAN Bus)

Control Unit: VGSNAG2(6F09)-0x04
 MB No.: 0034460310
 Supplier: Siemens
 Hardware Status: 47/06
 Software Status: 19/08
 Diagnosis Ident: 04/02
 MB Object Number For Software: 0114485410

DTC (3)

1.C141 No CAN Message Was Received From Control Unit N73(EIS [EZS] Control Unit) Or From Control Unit N93(Central Gateway Control Unit). Stored

2.C121 No CAN Message Was Received From Control Unit N47-5(ESP And BAS Control module)(171/203/209)or From Control Unit N47-5(ESP Control unit)(164/219/251/216/221) Or From Control Unit N47-5(ESP, SPS [PML] And BAS Control unit)(211/215/220/230)or From Control Unit Brake System Stored

3.1708 Control Unit A80(Intelligent Servo Module For DIRECT SELECT) Is Stored In Limp-home Mode Or CAN Communication Is Disrupted.

ISM - Intelligent Servo Module(Drive Train CAN Bus)

Control Unit: DSM(6F0E)-0x01

MB No.: 0054461810

Supplier: Continental

Hardware Status: 10.26.00

Software Status: 08.24.00

Diagnosis Ident: 000017

MB Object Number For Software: 0124484610

DTC (7)

1.U012187 Communication With ESP Has A malfunction. The Message Is Missing.

2.U010087 Communication With The Engine Control Unit Has A malfunction. The Message Is Missing.

3.U016887 Communication With The Electronic Ignition Lock Has A malfunction. The Message Is Missing.

4.U113B87 Communication With The DIRECT SELECT Lever Has A malfunction. The Message Is Missing.

5.U011187 Communication With Control Unit 'Battery' Has A malfunction. The Message Is Missing.

6.U014687 Communication With The Central Gateway Has A malfunction. The Message Is Missing.

7.U041587 Communication With ESP Has A Malfunction. CAN Signal Interference

ECM - Engine Control Module(ME)

Control Unit: ME97(6F05)-0x0e

MB No.: 0034467040

Supplier: Bosch

Hardware Status: 07/38

Software Status: 08/09

Diagnosis Ident: 21

MB Object Number For Software: 0094489340

DTC (1)

1.1321 No CAN Message Was Received From Control Unit N73 (EIS [EZS] STORED Control Unit).

ABR - Adaptive Brake(Chassis CAN Bus)

Control Unit: SBC221(6F0A)-0x01

MB No.: 2215458732

Supplier: Teves

Hardware Status: 06/47

Software Status: 11/17

Diagnosis Ident: 08

MB Object Number For Software: 2219029702

DTC (5)

1.6106 No CAN Message Was Received From Control Unit Engine Control Module Or N15/3 (ETC [EGS] Control Unit).	STORED
2.6265 Chassis CAN Bus:One Or More Signals Sent From Control Unit Engine Management Via The CAN Bus Is Implausible.	STORED
3.6100 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
4.5020 Chassis CAN Bus:CAN Controller: CAN Bus OFF	STORED
5.6002 This Fault Can Be Ignored And Erased.	STORED

EPB - Electric Parking Brake(Front End CAN Bus)

Control Unit: EFB221(6F10)-0x02

MB No.: 2214300649

Supplier: Teves

Hardware Status: 05/02

Software Status: 05/50

Diagnosis Ident: 02

MB Object Number For Software: 2214420536

DTC (3)

1.5825 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
2.5826 No CAN Message Was Received From Control Unit N82/1 (Vehicle Power Supply Control Module).	STORED
3.5823 No CAN Message Was Received From Control Unit N47-5 (ESP Control Unit).	STORED

SRS - Supplemental Inflatable Restraint System(Chassis CAN Bus)

Control Unit: ARCADE221(6F08)-0x64

MB No.: 0048201326

Supplier: Bosch

Hardware Status: 07/09

Software Status: 07/28

Diagnosis Ident: 14

MB Object Number For Software: BB62046 FF

DTC (8)

1.9181 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
2.9182 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
3.9187 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
4.9188 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
5.9189 No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
6.918A No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED
7.918B No CAN Message Was Received From Control Unit N73 (EIS [EVS] Control Unit).	STORED

8.91B4 The Key ID Stored In Control Unit N2/7 (Restraint Systems Control Unit) Is Not Identical With That Received By Control Unit N73 (EIS [EVS] Control Unit). STORED

RevETR_LF - Left Front Reversible Emergency Tensioning Retractor(Chassis CAN Bus)

Control Unit: RGSL221(6F23)-0x06

MB No.: 2218270345

Supplier: TRW

Hardware Status: 07/27

Software Status: 07/19

Diagnosis Ident: 04

MB Object Number For Software: 2214420169

DTC (1)

1.5102 No CAN Message Was Received From Control Unit N73(EIS [EVS] Control Unit). Stored

RevETR_RF - Right Front Reversible Emergency Tensioning Retractor(Chassis CAN Bus)

Control Unit: RGS221(6F24)-0x06

MB No.: 2218270445

Supplier: TRW

Hardware Status: 07/27

Software Status: 07/19

Diagnosis Ident: 04

MB Object Number For Software: 2214420169

DTC (1)

1.5102 No CAN Message Was Received From Control Unit N73(EIS [EVS] Control Unit). Stored

EIS - Electronic Ignition Switch(Interior CAN Bus)

Control Unit: EIS221(6F2C)-0x29

MB No.: 2165450108

Supplier: Marquardt

Hardware Status: 08.03.01

Software Status: 08.03.01

Diagnosis Ident: 000002

VIN: WDDNG71X49A262798

DTC (2)

1.900516 Terminal 30: Undervoltage/ NOT PRESENT Stored

2.900887 No CAN Message Was Received From Control Unit A80(Intelligent Servo Module For DIRECT SELECT).(Drive Train CAN Bus Timeout) Stored

XALWA_L - Xenon Headlamp, Left(Front End CAN Bus)

Control Unit: XALWA221_M(6F28)-0x0a

MB No.: 2168203685

Supplier: Automotive Lighting

Hardware Status: 06/02

Software Status: 07/25

Diagnosis Ident: 05

MB Object Number For Software: 2164420203

DTC (3)

1.5018 No CAN Message Was Received From Control Unit AIRmatic Or ABC. Stored

2.5014 No CAN Message Was Received From Control Unit ABR(Adaptive Brake). Stored

3.501E No CAN Message Was Received From Control Unit EZS. Stored

OCP - Overhead Control Panel(Interior CAN Bus)

Control Unit: DBE221(6F39)-0x6d

MB No.: 2218703091

Supplier: Hella

Hardware Status: 07/40

Software Status: 08/17

Diagnosis Ident: 06

MB Object Number For Software: 2214423223

DTC (1)

1.9001 The Voltage Was Less Than 9 V During 5 s. Stored

COU[ZBE] - Central Operating Unit(Telematic CAN Bus)

Control Unit: CTC221(6F40)-0x01

MB No.: 2218705758

Supplier: Alps

Hardware Status: 07/34

Software Status: 06/24

Diagnosis Ident: 05

MB Object Number For Software: 2214421168

DTC (1)

1.D951 Fault In CAN Communication With Control Unit N73(Electronic Ignition Lock Control Unit). Stored

SAM_DR - Driver Signal Acquisition And Actuation Module(Interior CAN Bus)

Control Unit: SAMF221(6F52)-0x01

MB No.: 2215458332

Supplier: Kostal

Hardware Status: 07/38

Software Status: 07/45

Diagnosis Ident: 06

MB Object Number For Software: 2214423200

DTC (1)

1.9041 Component M13(Heating Water Circulation Pump) Has An Overload Or Short Circuit Or The Line To The Component Has A Short Circuit Or Open Circuit. Current and stored

IC - Instrument Cluster(Central CAN Bus)

Control Unit: KI221(6F48)-0x5f

MB No.: 2215405711

Supplier: Bosch

Hardware Status: 07/37

Software Status: 08/08

Diagnosis Ident: 05

MB Object Number For Software: 2214424721

DTC (5)

1.C003 No CAN Message Was Received From Control Unit EZS.	Stored
2.C010 No CAN Message Was Received From Control Unit Adaptive Brake.	Stored
3.C018 No CAN Message Was Received From Control Unit Adaptive Brake.	Stored
4.C01D No CAN Message Was Received From Control Unit Adaptive Brake.	Stored
5.C01E No CAN Message Was Received From Control Unit Adaptive Brake.	Stored

SCM - Steering Column Module(Chassis CAN Bus)

Control Unit: MRM221(6F3A)-0x0b

MB No.: 2215451416

Supplier: Kostal

Hardware Status: 07/38

Software Status: 07/35

Diagnosis Ident: 02

DTC (3)

1.9367 No CAN Message Was Received From Control Unit CDI.or No CAN Message Was Received From Control Unit ME-SFI.	Stored
2.9354 No CAN Message Was Received From Control Unit BNS.	Stored
3.9345 No CAN Message Was Received From Control Unit EZS.	Stored

COMAND - COMAND With Integral Telematics gateway(MOST Network Management, Diagnosis Gateway)

Control Unit: HU221(6FE2)-0x0e

MB No.: 2218700391

Supplier: Becker

Hardware Status: 06/51

Software Status: 08/03

Diagnosis Ident: 17

MB Object Number For Software: 0014426360

DTC (1)

1.D015 The MOST Network Was Shut Down Due To Insufficient Battery Voltage.	Stored
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TELE AID - Emergency Call, Stolen Vehicle Tracking, MB Info, Roadside Assistance, Remote Door Unlocking, Remote Door Locking

Control Unit: XLCT(CF12)-0x08

MB No.: 2044460159

Supplier: Motorola

Hardware Status: 07/13

Software Status: 07/28

Diagnosis Ident: 73

MB Object Number For Software: 2044420259

DTC (1)

1.D640-006 CAN Bus To Control Unit CGW(CAN D) :CAN Reception
Timeout Of Data Of Control Unit CGW

STORED

ZAN - Central Display

Control Unit: DSPC221(6FC6)-0x00

MB No.: 2218703589

Supplier: Bosch

Hardware Status: 08/15

Software Status: 07/11

Diagnosis Ident: 04

MB Object Number For Software: 2214420406

DTC (1)

1.D000 Control Unit Central Display Is Defective.

Stored

DCM_FL - Door Control Module Front Left(Interior CAN Bus)

Control Unit: TSGVL221(6F30)-0x11

MB No.: 2218708991

Supplier: Kostal

Hardware Status: 07/29

Software Status: 07/36

Diagnosis Ident: 12

MB Object Number For Software: 2214423932

DTC (1)

1.9038 The Signal From Component S20/1(Driver Power Window,
Outside Mirror And Trunk Lid Switch Group) Is Implausible Or No
Signal.(If There Is No Specific Customer Complaint, Ignore Fault Code .
) Or Erase And Ignore Fault Code: The Component Is Not Installed In
This Model Series And(Or) Vehicle Variant.

Stored

DCM_FR - Door Control Module Front Right(Interior CAN Bus)

Control Unit: TSGVR221(6F31)-0x13

MB No.: 2218709091

Supplier: Kostal

Hardware Status: 07/29

Software Status: 07/36

Diagnosis Ident: 12

MB Object Number For Software: 2214423932

DTC (2)

1.9006 The Mirror Lens Adjustment On Right Has Open Circuit.

Stored

2.900A The Mirror Heater Has Open Circuit.

Current and stored

TLC - Trunk Lid Control(Interior CAN Bus)

Control Unit: PTCM(6F35)-0x0f

MB No.: 2218704092

Supplier: Temic

Hardware Status: 07.42.00

Software Status: 08.03.00

Diagnosis Ident: 000024

MB Object Number For Software: 2214420719

DTC (1)

1.A10D1C The Voltage Supply Is Too low. The Voltage Value Is Outside The Permissible Range. Stored

AC - Air Conditioning(Interior CAN Bus)

Control Unit: KLA221(6F54)-0x53

MB No.: 2218704292

Supplier: Behr

Hardware Status: 06/48

Software Status: 07/33

Diagnosis Ident: 06

MB Object Number For Software: 2214422205

DTC (2)

1.9355 A31/1y1(Left Duovalve) : Short Circuit To Positive Or Open Circuit Stored

2.9375 A31/1y2(Right Duovalve) : Short Circuit To Positive Or Open Circuit Stored

KBE-H - Rear A/C Operating Unit(Telematic CAN Bus)

Control Unit: HVCR221(6FFD)-0x01

MB No.: 2218204797

Supplier: PREH

Hardware Status: 07/22

Software Status: 07/35

Diagnosis Ident: 04

MB Object Number For Software: 2214421905

DTC (1)

1.D954 Signal 'EIS_A4' Sent From Control Unit EIS Electronic Ignition Switch Via The CAN Bus Was Not Received Within The Defined Time Window. Stored

The following systems are OK:

1.TPMS - Tire Pressure Monitoring System(Interior CAN Bus)

Control Unit: TPMHS(6F12)-0x01

MB No.: 0028206526

Supplier: Siemens VDO

Hardware Status: 04/28

Software Status: 06/27

Diagnosis Ident: 03

MB Object Number For Software: 2214420537

2.Suspension

Control Unit: LF221(6F01)-0x05

MB No.: 2215456532

Supplier: Siemens VDO

Hardware Status: 05/41

Software Status: 07/09

Diagnosis Ident: 01

MB Object Number For Software: 2214423202

3.WSS - Weight Sensing system(USA)(Interior CAN Bus)

Control Unit: OCM_204(6F22)-0x03

MB No.: 2218709593

Supplier: Delphi

Hardware Status: 06/20

Software Status: 08/04

Diagnosis Ident: 02

4.CGW - Central Gateway(Central CAN Bus)

Control Unit: ZGW221(6F2A)-0x09

MB No.: 2215408462

Supplier: Temic

Hardware Status: 06/45

Software Status: 07/34

Diagnosis Ident: 13

MB Object Number For Software: 2214481527

5.XALWA_R - Xenon Headlamp, Right(Front End CAN Bus)

Control Unit: XALWA221_S(6F29)-0x02

MB No.: 2168203685

Supplier: Automotive Lighting

Hardware Status: 06/02

Software Status: 07/25

Diagnosis Ident: 05

MB Object Number For Software: 2164420203

6.UCP - Upper Control Panel(Interior CAN Bus)

Control Unit: OBF221(6F3B)-0x11

MB No.: 2218706458

Supplier: Marquardt

Hardware Status: 06/50

Software Status: 07/20

Diagnosis Ident: 14

MB Object Number For Software: 2214422523

7.REAR SAM - Rear Signal Acquisition And Actuation Module(Interior CAN Bus)

Control Unit: SAMH221(6F55)-0x52

MB No.: 2215458532

Supplier: Kostal

Hardware Status: 06/43

Software Status: 07/20

Diagnosis Ident: 05

MB Object Number For Software: 2214423300

8.System Diagnosis(Diagnosis CAN Bus)

Control Unit: SD221(6F3F)-0x0c

MB No.: 2215408462

Supplier: MB

Hardware Status: 06/45

Software Status: 06/48

Diagnosis Ident: 04

MB Object Number For Software: 2214480251

9.BNS - Vehicle Power Supply Control Module(Chassis CAN Bus)

Control Unit: (6F4E)-0x07

MB No.: 2215458332

Supplier: Kostal

Hardware Status: 07/38

Software Status: 07/45

Diagnosis Ident: 06

MB Object Number For Software: 2214423200

10.ASSYST Active Service System(Diagnose CAN Bus)

Control Unit: WIA221(6F43)-0x08

MB No.: 2215408462

Supplier: Temic

Hardware Status: 06/45

Software Status: 05/11

Diagnosis Ident: 04

MB Object Number For Software: 2214480324

11.ASSYST PLUS(Diagnose CAN Bus)

Control Unit: WR221(6F53)-0x09

MB No.: 2215408462

Supplier: Temic

Hardware Status: 06/45

Software Status: 06/49

Diagnosis Ident: 06

MB Object Number For Software: 2214480424

12.Tuner - Radio Tuner With Amplifier

Control Unit: TUS221(6FC8)-0x00

MB No.: 2218701889

Supplier: Becker

Hardware Status: 06/25

Software Status: 07/36

Diagnosis Ident: 07

MB Object Number For Software: 0004428060

13.CTEL - Mobile Phone Adapter With Universal Interface

Control Unit: UHI221(6FE3)-0x02

MB No.: 2218703126

Supplier: Motorola

Hardware Status: 05/41

Software Status: 06/50

Diagnosis Ident: 06

MB Object Number For Software: 0004424060

14.VCS - Voice Control(Linguatronic)

Control Unit: SDS221(CF19)-0x01

MB No.: 2218707326

Supplier: Temic

Hardware Status: 08/10

Software Status: 06/43

Diagnosis Ident: 06

MB Object Number For Software: 2214425365

15.SDAR - Satellite Radio(Valid for(USA))

Control Unit: SDAR221(6FC3)-0x01

MB No.: 2168202589

Supplier: Delphi

Hardware Status: 06/42

Software Status: 07/33

Diagnosis Ident: 00

MB Object Number For Software: 2164424360

16.DCM_RL - Door Control Module Rear Left(Interior CAN Bus)

Control Unit: TSGHL221(6F32)-0x08

MB No.: 0038209426

Supplier: Kostal

Hardware Status: 07/29

Software Status: 07/36

Diagnosis Ident: 12

MB Object Number For Software: 2214423932

17.DCM_RR - Door Control Module Rear Right(Interior CAN Bus)

Control Unit: TSGHR221(6F33)-0x08

MB No.: 0038209426

Supplier: Kostal

Hardware Status: 07/29

Software Status: 07/36

Diagnosis Ident: 12

MB Object Number For Software: 2214423932

18.ESA_FL - Electric Seat Adjustment Front Left(Interior CAN Bus)

Control Unit: SSGVL221(6F20)-0x02

MB No.: 2218705187

Supplier: Temic

Hardware Status: 06/27

Software Status: 07/42

Diagnosis Ident: 06

MB Object Number For Software: 2214422711

19.ESA_FR - Electric Seat Adjustment Front Right(Interior CAN Bus)

Control Unit: SSGVL221(6F21)-0x02

MB No.: 2218705287

Supplier: Temic

Hardware Status: 06/27

Software Status: 07/42

Diagnosis Ident: 06

MB Object Number For Software: 2214422811

20.ESA_R - Electric Seat Adjustment Rear(Interior CAN Bus)

Control Unit: SSGH221(6F1F)-0x02

MB No.: 2218701092

Supplier: Temic

Hardware Status: 06/36

Software Status: 07/23

Diagnosis Ident: 02

MB Object Number For Software: 2214423111

Disclaimer

This test report is for reference only for vehicle test and maintenance. The vehicle operating data provided in this report are all static data. The detailed dynamic diagnostic data can be read by professional maintenance device, and LAUNCH will not be liable for any accidents and failures arising therefrom!