

HD OBD VEHICLE DIAGNOSTIC REPORT

Vehicle Information

--/HD OBD/SAE J1939/

VIN: --

Odometer Reading: --

License Plate: --

Customer Information

Name: --

Tel: --

Device information

Scanner: MaxiSys CV

Serial Number: V59SP5V01172

Version: V6.80

Repair Order Number: --



System Scanned(1)

System	Status/DTC
SAE J1939	✓ 0



DTC (109)

Engine #1 (109 DTCs)

DTC	Description	Status
SPN 3251,FMI 4	Aftertreatment 1 diesel particulate filter differential pressure Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 3610,FMI 4	Aftertreatment 1 diesel particulate filter outlet pressure 1 Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 3480,FMI 4	Aftertreatment 1 fuel pressure 1 Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 4334,FMI 4	Aftertreatment 1 diesel exhaust fluid doser 1 absolute pressure Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 157,FMI 4	Engine fuel 1 injector metering rail 1 pressure Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 108,FMI 2	Barometric pressure Data erratic, intermittent or incorrect	Engine #1 Active Count : 1
SPN 102,FMI 2	Engine intake manifold #1 pressure Data erratic, intermittent or incorrect	Engine #1 Active Count : 1
SPN 1209,FMI 2	Engine exhaust pressure 1 Data erratic, intermittent or incorrect	Engine #1 Active Count : 1

SPN 171,FMI 3	Ambient air temperature Voltage above normal, or shorted to high source	Engine #1 Active Count : 1
SPN 3556,FMI 5	Aftertreatment fuel injector 1 Current below normal or open circuit	Engine #1 Active Count : 1
SPN 3361,FMI 5	Aftertreatment 1 SCR catalyst dosing unit Current below normal or open circuit	Engine #1 Active Count : 1
SPN 3509,FMI 4	Sensor supply voltage 1 Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 91,FMI 4	Accelerator pedal position 1 Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 3490,FMI 5	Aftertreatment 1 purge air actuator Current below normal or open circuit	Engine #1 Active Count : 1
SPN 3482,FMI 5	Aftertreatment 1 fuel enable actuator Current below normal or open circuit	Engine #1 Active Count : 1
SPN 1089,FMI 4	Auxiliary equipment supply pressure Voltage below normal, or shorted to low source	Engine #1 Active Count : 1
SPN 3363,FMI 5	Aftertreatment 1 diesel exhaust fluid tank heater Current below normal or open circuit	Engine #1 Active Count : 1
SPN 7107,FMI 5	Aftertreatment 1 diesel exhaust fluid pump Current below normal or open circuit	Engine #1 Active Count : 1
SPN 653,FMI 13	Engine injector cylinder #03 Out of calibration	Engine #1 Active Count : 1
SPN 656,FMI 13	Engine injector cylinder #06 Out of calibration	Engine #1 Active Count : 1
SPN 652,FMI 13	Engine injector cylinder #02 Out of calibration	Engine #1 Active Count : 1
SPN 654,FMI 13	Engine injector cylinder #04 Out of calibration	Engine #1 Active Count : 1
SPN 651,FMI 13	Engine injector cylinder #01 Out of calibration	Engine #1 Active Count : 1

SPN 655,FMI 13	Engine injector cylinder #05 Out of calibration	Engine #1 Active Count : 1
SPN 5036,FMI 9	Aftertreatment 1 outlet NOx sensor NO2 correction Abnormal update rate	Engine #1 Active Count : 1
SPN 5028,FMI 9	Engine exhaust 1 NOx sensor NOx pressure correction Abnormal update rate	Engine #1 Active Count : 1
SPN 5927,FMI 2	Engine coolant pump Data erratic, intermittent or incorrect	Engine #1 Active Count : 1
SPN 639,FMI 9	J1939 network #1, primary vehicle network Abnormal update rate	Engine #1 Active Count : 1
SPN 1235,FMI 9	J1939 network #3 Abnormal update rate	Engine #1 Active Count : 1
SPN 1669,FMI 9	J1939 network #5 Abnormal update rate	Engine #1 Active Count : 1
SPN 1071,FMI 5	Cooling fan drive output Current below normal or open circuit	Engine #1 Active Count : 1
SPN 191,FMI 9	Transmission 1 output shaft speed Abnormal update rate	Engine #1 Active Count : 1
SPN 3452,FMI 9	Enable switch - transmission input shaft PTO 1 Abnormal update rate	Engine #1 Active Count : 1
SPN 2842,FMI 9	Vehicle system Abnormal update rate	Engine #1 Active Count : 1
SPN 5444,FMI 9	Engine crankcase breather oil separator speed Abnormal update rate	Engine #1 Active Count : 1
SPN 27,FMI 11	Engine exhaust gas recirculation 1 valve position Root cause not known	Engine #1 Active Count : 1
SPN 74,FMI 9	Maximum vehicle speed limit Abnormal update rate	Engine #1 Active Count : 1
SPN 4349,FMI 7	Aftertreatment 1 SCR system requested state Mechanical system not responding or out of adjustment	Engine #1 Active Count : 1

SPN 3251,FMI 4	Aftertreatment 1 diesel particulate filter differential pressure Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 3610,FMI 4	Aftertreatment 1 diesel particulate filter outlet pressure 1 Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 3480,FMI 4	Aftertreatment 1 fuel pressure 1 Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 4334,FMI 4	Aftertreatment 1 diesel exhaust fluid doser 1 absolute pressure Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 157,FMI 4	Engine fuel 1 injector metering rail 1 pressure Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 108,FMI 2	Barometric pressure Data erratic, intermittent or incorrect	Engine #1 Emissions-related Count : 1
SPN 102,FMI 2	Engine intake manifold #1 pressure Data erratic, intermittent or incorrect	Engine #1 Emissions-related Count : 1
SPN 1209,FMI 2	Engine exhaust pressure 1 Data erratic, intermittent or incorrect	Engine #1 Emissions-related Count : 1
SPN 171,FMI 3	Ambient air temperature Voltage above normal, or shorted to high source	Engine #1 Emissions-related Count : 1
SPN 3556,FMI 5	Aftertreatment fuel injector 1 Current below normal or open circuit	Engine #1 Emissions-related Count : 1
SPN 3361,FMI 5	Aftertreatment 1 SCR catalyst dosing unit Current below normal or open circuit	Engine #1 Emissions-related Count : 1
SPN 3509,FMI 4	Sensor supply voltage 1 Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 91,FMI 4	Accelerator pedal position 1 Voltage below normal, or shorted to low source	Engine #1 Emissions-related Count : 1
SPN 3490,FMI 5	Aftertreatment 1 purge air actuator Current below normal or open circuit	Engine #1 Emissions-related Count : 1
SPN 3482,FMI 5	Aftertreatment 1 fuel enable actuator Current below normal or open circuit	Engine #1 Emissions-related Count : 1

SPN 3363,FMI 5	Aftertreatment 1 diesel exhaust fluid tank heater Current below normal or open circuit	Engine #1 Emissions-related Count : 1
SPN 7107,FMI 5	Aftertreatment 1 diesel exhaust fluid pump Current below normal or open circuit	Engine #1 Emissions-related Count : 1
SPN 653,FMI 13	Engine injector cylinder #03 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 656,FMI 13	Engine injector cylinder #06 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 652,FMI 13	Engine injector cylinder #02 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 654,FMI 13	Engine injector cylinder #04 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 651,FMI 13	Engine injector cylinder #01 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 655,FMI 13	Engine injector cylinder #05 Out of calibration	Engine #1 Emissions-related Count : 1
SPN 5036,FMI 9	Aftertreatment 1 outlet NOx sensor NO2 correction Abnormal update rate	Engine #1 Emissions-related Count : 1
SPN 5028,FMI 9	Engine exhaust 1 NOx sensor NOx pressure correction Abnormal update rate	Engine #1 Emissions-related Count : 1
SPN 5927,FMI 2	Engine coolant pump Data erratic, intermittent or incorrect	Engine #1 Emissions-related Count : 1
SPN 639,FMI 9	J1939 network #1, primary vehicle network Abnormal update rate	Engine #1 Emissions-related Count : 1
SPN 1235,FMI 9	J1939 network #3 Abnormal update rate	Engine #1 Emissions-related Count : 1
SPN 1669,FMI 9	J1939 network #5 Abnormal update rate	Engine #1 Emissions-related Count : 1
SPN 5444,FMI 9	Engine crankcase breather oil separator speed Abnormal update rate	Engine #1 Emissions-related Count : 1

SPN 27,FMI 11	Engine exhaust gas recirculation 1 valve position Root cause not known	Engine #1 Emissions-related Count : 1
SPN 91,FMI 19	Accelerator pedal position 1 Received network data in error	Engine #1 Permanent Count : 1
SPN 5571,FMI 5	High pressure common rail fuel pressure relief valve Current below normal or open circuit	Engine #1 Permanent Count : 0
SPN 5927,FMI 2	Engine coolant pump Data erratic, intermittent or incorrect	Engine #1 Permanent Count : 1
SPN 157,FMI 4	Engine fuel 1 injector metering rail 1 pressure Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 3251,FMI 4	Aftertreatment 1 diesel particulate filter differential pressure Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 3610,FMI 4	Aftertreatment 1 diesel particulate filter outlet pressure 1 Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 3480,FMI 4	Aftertreatment 1 fuel pressure 1 Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 171,FMI 3	Ambient air temperature Voltage above normal, or shorted to high source	Engine #1 Permanent Count : 1
SPN 3556,FMI 5	Aftertreatment fuel injector 1 Current below normal or open circuit	Engine #1 Permanent Count : 1
SPN 3361,FMI 5	Aftertreatment 1 SCR catalyst dosing unit Current below normal or open circuit	Engine #1 Permanent Count : 1
SPN 7107,FMI 5	Aftertreatment 1 diesel exhaust fluid pump Current below normal or open circuit	Engine #1 Permanent Count : 1
SPN 3490,FMI 5	Aftertreatment 1 purge air actuator Current below normal or open circuit	Engine #1 Permanent Count : 1
SPN 3482,FMI 5	Aftertreatment 1 fuel enable actuator Current below normal or open circuit	Engine #1 Permanent Count : 1
SPN 3363,FMI 5	Aftertreatment 1 diesel exhaust fluid tank heater Current below normal or open circuit	Engine #1 Permanent Count : 1

SPN 656,FMI 13	Engine injector cylinder #06 Out of calibration	Engine #1 Permanent Count : 1
SPN 652,FMI 13	Engine injector cylinder #02 Out of calibration	Engine #1 Permanent Count : 1
SPN 654,FMI 13	Engine injector cylinder #04 Out of calibration	Engine #1 Permanent Count : 1
SPN 651,FMI 13	Engine injector cylinder #01 Out of calibration	Engine #1 Permanent Count : 1
SPN 655,FMI 13	Engine injector cylinder #05 Out of calibration	Engine #1 Permanent Count : 1
SPN 653,FMI 13	Engine injector cylinder #03 Out of calibration	Engine #1 Permanent Count : 1
SPN 5036,FMI 9	Aftertreatment 1 outlet NOx sensor NO2 correction Abnormal update rate	Engine #1 Permanent Count : 1
SPN 5028,FMI 9	Engine exhaust 1 NOx sensor NOx pressure correction Abnormal update rate	Engine #1 Permanent Count : 1
SPN 639,FMI 9	J1939 network #1, primary vehicle network Abnormal update rate	Engine #1 Permanent Count : 1
SPN 1235,FMI 9	J1939 network #3 Abnormal update rate	Engine #1 Permanent Count : 1
SPN 4334,FMI 4	Aftertreatment 1 diesel exhaust fluid doser 1 absolute pressure Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 5109,FMI 12	Controller #3 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5110,FMI 12	Controller #4 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5112,FMI 12	Controller #6 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5113,FMI 12	Controller #7 Bad intelligent device or component	Engine #1 Permanent Count : 0

SPN 5114,FMI 12	Controller #8 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5115,FMI 12	Controller #9 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5111,FMI 12	Controller #5 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 5116,FMI 12	Controller #10 Bad intelligent device or component	Engine #1 Permanent Count : 0
SPN 102,FMI 2	Engine intake manifold #1 pressure Data erratic, intermittent or incorrect	Engine #1 Permanent Count : 1
SPN 3509,FMI 4	Sensor supply voltage 1 Voltage below normal, or shorted to low source	Engine #1 Permanent Count : 1
SPN 108,FMI 2	Barometric pressure Data erratic, intermittent or incorrect	Engine #1 Permanent Count : 1
SPN 1209,FMI 2	Engine exhaust pressure 1 Data erratic, intermittent or incorrect	Engine #1 Permanent Count : 1
SPN 1669,FMI 9	J1939 network #5 Abnormal update rate	Engine #1 Permanent Count : 1
SPN 27,FMI 11	Engine exhaust gas recirculation 1 valve position Root cause not known	Engine #1 Permanent Count : 1
SPN 5444,FMI 9	Engine crankcase breather oil separator speed Abnormal update rate	Engine #1 Permanent Count : 1

Technician Notes

Customer name: _____

Technician: _____

Date: _____

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