

Stack #50125

DIAGNOSTIC REPORT

VIN: 1FUJGLD62ELFP9591
Model Year: 2014
Manufacturer: Freightliner

COMPONENT **FAULT CODES** **29 TOTAL / 5 ACTIVE / 24 INACTIVE**

ENGINE #1 - J1939 **ACTIVE FAULT CODES (0)**

Vehicle Make: Detroit Diesel
ECM Serial Number: S0186659
ECM Model: 472N13
VIN: 1FUJGLD62ELFP9591

None

INACTIVE FAULT CODES (11)

Fault Description: Accelerator Pedal Position 1 SPN 91
FMI Description: Abnormal Frequency or Pulse Width or Period FMI: 8
Count: 1

Fault Description: Proprietary Data Link SPN 625
FMI Description: Special Instructions FMI: 14
Count: 1

Fault Description: ECL SPN 111
FMI Description: Voltage above Normal, or Shorted to High Source FMI: 3
Count: 1

Fault Description: CC States SPN 527
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

Fault Description: Engine Retarder Selection SPN 973
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

Fault Description: Requested Percent Fan Speed SPN 986
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

Fault Description: Undefined SPN 2033
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

Fault Description: Undefined SPN 2025
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

Fault Description: Accelerator Pedal #1 Channel 2 SPN 2623
FMI Description: Abnormal Frequency or Pulse Width or Period FMI: 8
Count: 1

Fault Description: Undefined SPN 2049
FMI Description: Abnormal Update Rate FMI: 9
Count: 1

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Fault Description: DPF Regen Force Switch	SPN 3696
FMI Description: Special Instructions	FMI: 14
Count: 1	

ENGINE #2 - J1939

ACTIVE FAULT CODES (3)

Vehicle Make: N/A	Fault Description: EGR System Monitor	SPN 3058
ECM Serial Number: N/A	FMI Description: Abnormal Update Rate	FMI: 9
ECM Model: N/A	Count: 1	

VIN: N/A

Fault Description: AFT 1 Intake NOx	SPN 3216
FMI Description: Data Drifted Low	FMI: 21
Count: 100	

Fault Description: Engine Throttle Actuator 1 Control Command	SPN 3464
FMI Description: Data Valid but above Normal Operating Range - Moderately Severe Level	FMI: 16
Count: 126	

INACTIVE FAULT CODES (2)

Fault Description: Engine Starter Motor Relay	SPN 677
FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
Count: 2	

Fault Description: Proprietary Data Link	SPN 625
FMI Description: Abnormal Update Rate	FMI: 9
Count: 49	

BRAKES, POWER UNIT - J1708 ACTIVE FAULT CODES (1)

ECM Serial Number:	Fault Description: Speed Signal Input	SID 22
ECM Model:	FMI Description: Special Instructions	FMI: 14
	Count: 0	

INACTIVE FAULT CODES (2)

Fault Description: Controller #1	SID 254
FMI Description: Abnormal Frequency, Pulse Width, Or Period	FMI: 8
Count: 1	

Fault Description: Wheel Sensor ABS Axle 2 Right	SID 4
FMI Description: Data Valid But Below Normal Operational Range	FMI: 1
Count: 127	

BODY CONTROLLER - J1939 ACTIVE FAULT CODES (0)

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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

OFF VEHICLE GATEWAY - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

RETARDER - ENGINE - J1939 ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

PASSENGER-OPERATOR ACTIVE FAULT CODES (1)

ECM Serial Number: Fault Description: Undefined SPN 522510

ECM Model: FMI Description: Data Valid but above Normal Operational Range - FMI: 0
Most Severe Level
Count: 126

INACTIVE FAULT CODES (8)

Fault Description: Undefined SPN 523318
FMI Description: Data Erratic, Intermittent or Incorrect FMI: 2
Count: 1

Fault Description: Undefined SPN 523318
FMI Description: Mechanical System not Responding or out of FMI: 7
Adjustment
Count: 126

Fault Description: Keyswitch Battery Potential SPN 158
FMI Description: Voltage below Normal, or Shorted to low Source FMI: 4
Count: 1

Fault Description: Undefined SPN 522510
FMI Description: Data Valid but below Normal Operational Range - FMI: 1
Most Severe Level
Count: 1

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Fault Description: Undefined	SPN 876
FMI Description: Data Valid but below Normal Operational Range - Most Severe Level	FMI: 1
Count: 41	

Fault Description: Undefined	SPN 876
FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
Count: 2	

Fault Description: Undefined	SPN 639
FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
Count: 8	

Fault Description: HVAC Duct Temperature	SPN 1548
FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
Count: 1	

PASSENGER-OPERATOR	ACTIVE FAULT CODES (0)
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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (1)**

Fault Description: Undefined	SPN 523318
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 1	

EXHAUST EMISSION	ACTIVE FAULT CODES (0)
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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

INSTRUMENT CLUSTER #1 -	ACTIVE FAULT CODES (0)
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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

None

CHASSIS CONTROLLER #1 -	ACTIVE FAULT CODES (0)
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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (0)**

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None

PARAMETERS

ENGINE #1 - J1939

Rated Horsepower	504 BHP	Engine Rated RPM	2080 RPM
MIL Status	Off	Fuel Level	N/A
Battery Voltage	12.15 V	Ignition Voltage	12.10 V
Engine RPM	0 RPM	Vehicle Speed	0 mph
Throttle Position	0 %	Brake Switch	Released
Clutch Switch	Released	Engine Operating State	N/A
Engine Intake Air Temperature	66.2 °F	Engine Intake Air Pressure	14.5 psi
Barometric Pressure	14.58 psi	Coolant Level	100 %
Coolant Temperature	60.8 °F	Oil Level	Not Available
Oil Temperature	57.2 °F	Oil Pressure	0.0 psi
DPF Status	N/A	Regen Status	N/A
DPF Active Regen Inhibited Status	Not Inhibited	DPF Active Regen Inhibited Due to Inhibit Switch	Not Inhibited
DPF Regen Inhibit Switch	N/A	DPF Regen Force Switch	N/A
Exhaust Temperature 1	67.0 °F	Exhaust Temperature 2	N/A
Exhaust Temperature 3	Not Available	DPF Intake Temperature	66.9 °F
DPF Outlet Temperature	67.0 °F	DPF Differential Pressure	N/A

LIFE DATA

ENGINE #1 - J1939

Distance	491916.21 mi	Hours	17189.50 hr
Fuel Used	66664.5 gal	Average Fuel Economy	N/A
Engine Idle Hours	3323.45 hr	Engine Idle Fuel Used	2552.2 gal
PTO Hours	719.65 hr	PTO Fuel Used	N/A
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	Not Available		

TRIP DATA

ENGINE #1 - J1939

Distance	491916.21 mi	Fuel Used	9841.6 gal
Average Fuel Rate	N/A	Idle Time	N/A
Vehicle Idle Fuel Used	N/A	Cruise	N/A
Cruise Fuel Used	N/A	DPF Active Regen Time	N/A
DPF Number of Active Regens	N/A	DPF Used	N/A
Vehicle Speed Limit	75 mph	Cruise Control Speed Limit	75 mph