

DIAGNOSTIC REPORT

VIN: 1FVACXFE8JHJT5113

Model Year: 2018

Manufacturer: Freightliner

COMPONENT	FAULT CODES	25 TOTAL / 1 ACTIVE / 24 INACTIVE
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ENGINE #1 - J1939

ACTIVE FAULT CODES (1)

Vehicle Make: Cummins	Fault Description: Catalyst Tank Temperature	SPN 3031
ECM Serial Number: 74166221	FMI Description: Abnormal Update Rate	FMI: 9
ECM Model: 6L u17D0890000000	Count: 3	

INACTIVE FAULT CODES (2)

Fault Description: Catalyst Tank Level	SPN 1761
FMI Description: Abnormal Update Rate	FMI: 9
Count: 8	

Fault Description: Catalyst Tank Reagent Quality	SPN 3364
FMI Description: Abnormal Update Rate	FMI: 9
Count: 2	

BRAKES - SYSTEM

ACTIVE FAULT CODES (0)

Vehicle Make: N/A
ECM Serial Number: N/A
ECM Model: N/A
VIN: N/A

INACTIVE FAULT CODES (1)

Fault Description: Power Supply	SPN 627
FMI Description: Voltage above Normal, or Shorted to High Source	FMI: 3
Count: 2	

TRANSMISSION #1 - J1939

ACTIVE FAULT CODES (0)

Vehicle Make: N/A
ECM Serial Number: N/A
ECM Model: N/A
VIN: N/A

INACTIVE FAULT CODES (0)

None

BODY CONTROLLER - J1939

ACTIVE FAULT CODES (0)

ECM Serial Number:
ECM Model:

None

INACTIVE FAULT CODES (20)

Fault Description: Vehicle Speed	SPN 84
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	

Fault Description: Undefined	SPN 524279
FMI Description: Received Network Data in Error	FMI: 19
Count: 65	

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	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 41	SPN 524256 FMI: 19
	Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 32	SPN 524255 FMI: 7
	Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 11	SPN 6385 FMI: 5
	Fault Description: Left Turn Lamp Circuit (Yellow) FMI Description: Current above Normal or Grounded Circuit Count: 5	SPN 879 FMI: 6
	Fault Description: Right Turn Lamp Circuit (Green) FMI Description: Current above Normal or Grounded Circuit Count: 2	SPN 881 FMI: 6
	Fault Description: Undefined FMI Description: Current above Normal or Grounded Circuit Count: 1	SPN 524270 FMI: 6
	Fault Description: Undefined FMI Description: Voltage below Normal, or Shorted to low Source Count: 54	SPN 524270 FMI: 4
	Fault Description: Undefined FMI Description: Voltage below Normal, or Shorted to low Source Count: 1	SPN 524260 FMI: 4
	Fault Description: Undefined FMI Description: Voltage below Normal, or Shorted to low Source Count: 1	SPN 524259 FMI: 4
	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 126	SPN 2003 FMI: 19
	Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 1	SPN 1550 FMI: 5

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Fault Description: High-Low Beam Switch	SPN 2874
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	

Fault Description: Windshield Wiper Motor ON/OFF	SPN 2636
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 1	

Fault Description: Turn Signal Switch	SPN 2876
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	

Fault Description: Front Operator Washer Switch	SPN 2866
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	

Fault Description: Front Operator Wiper Switch	SPN 2863
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	

Fault Description: Headlamp low Beam Right #1	SPN 2655
FMI Description: Current below Normal or Open Circuit	FMI: 5
Count: 1	

Fault Description: Windshield Wiper Motor Speed	SPN 2637
FMI Description: Current below Normal or Open Circuit	FMI: 5
Count: 8	

CHASSIS CONTROLLER #1 - ACTIVE FAULT CODES (0)

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, EXHAUST, ACTIVE FAULT CODES (0)

ECM Serial Number: None

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ECM Model: INACTIVE FAULT CODES (0)

None

UNKNOWN/RESERVED (SA) ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: INACTIVE FAULT CODES (1)

Fault Description: Undefined SPN 2033

FMI Description: Received Network Data in Error FMI: 19

Count: 126

INSTRUMENT CLUSTER #1 - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model: INACTIVE FAULT CODES (0)

None

PARAMETERS

ENGINE #1 - J1939

Rated Horsepower	270 BHP	Engine Rated RPM	Not Available
MIL Status	On, don't flash	Fuel Level	Not Available
Battery Voltage	14.10 V	Ignition Voltage	Not Available
Engine RPM	749 RPM	Vehicle Speed	0 mph
Throttle Position	0 %	Brake Switch	N/A
Clutch Switch	N/A	Engine Operating State	Engine Stopped
Engine Intake Air Temperature	Not Available	Engine Intake Air Pressure	Not Available
Barometric Pressure	14.29 psi	Coolant Level	100 %
Coolant Temperature	179.6 °F	Oil Level	Not Available
Oil Temperature	Not Available	Oil Pressure	26.7 psi
DPF Status	Regen not Needed	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	271.9 °F	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	268.5 °F
DPF Outlet Temperature	265.4 °F	DPF Differential Pressure	0 psi

BRAKES - SYSTEM CONTROLLER - J1939

Battery Voltage	N/A	Ignition Voltage	N/A
Vehicle Speed	N/A	Brake Switch	N/A
Primary Pressure	N/A	Secondary Pressure	N/A

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Battery Voltage	N/A	Ignition Voltage	N/A
Input Shaft Speed	731 RPM	Output Shaft Speed	0 RPM
Oil Level	Not Available	Oil Life Remaining	N/A
Oil Temperature	132.7 °F	Service Indicator	N/A
Range Selected	N/A	Range Attained	N/A

LIFE DATA

ENGINE #1 - J1939

Distance	46713.65 mi	Hours	3098.65 hr
Fuel Used	8174.9 gal	Average Fuel Economy	N/A
Engine Idle Hours	1861.85 hr	Engine Idle Fuel Used	1608.8 gal
PTO Hours	45.90 hr	PTO Fuel Used	82.8 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	32.4 gal		

TRIP DATA

ENGINE #1 - J1939

Distance	46714.81 mi	Fuel Used	8162.5 gal
Average Fuel Rate	2.63 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	1608.8 gal	Cruise	N/A
Cruise Fuel Used	1113.9 gal	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