

# DIAGNOSTIC REPORT

VIN: 1FVACXDTXEHFJ2339

Model Year: 2014

Manufacturer: Freightliner

COMPONENT	FAULT CODES	28 TOTAL / 3 ACTIVE / 25 INACTIVE
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## ENGINE #1 - J1939

### ACTIVE FAULT CODES (3)

Vehicle Make: Cummins	Fault Description: Engine Variable Geometry Turbocharger Actuator	SPN 641
ECM Serial Number: 73498387	#1	FMI: 9
ECM Model: 6B u13D0670000000	FMI Description: Abnormal Update Rate	
VIN: 1FVACXDTXEHFJ2339	Count: 23	

Fault Description: Undefined	SPN 6713
FMI Description: Abnormal Update Rate	FMI: 9
Count: 7	

Fault Description: Engine Protection Torque Derate	SPN 1569
FMI Description: Condition Exists	FMI: 31
Count: 2	

### INACTIVE FAULT CODES (1)

Fault Description: ECU Power Output Supply Voltage #1	SPN 3597
FMI Description: Data Erratic, Intermittent or Incorrect	FMI: 2
Count: 3	

## 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

## CHASSIS CONTROLLER #1 - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model:

### INACTIVE FAULT CODES (0)

None

## INSTRUMENT CLUSTER #1 - ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model:

### INACTIVE FAULT CODES (0)

None

## COMMUNICATIONS UNIT, ACTIVE FAULT CODES (0)

ECM Serial Number: None

ECM Model:

### INACTIVE FAULT CODES (0)

None

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

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

None

BODY CONTROLLER - J1939	ACTIVE FAULT CODES (0)
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ECM Serial Number: None

ECM Model: **INACTIVE FAULT CODES (24)**

Fault Description: Undefined	SPN 598
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 2	

Fault Description: Undefined	SPN 6993
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 1	

Fault Description: Undefined	SPN 6992
FMI Description: Received Network Data in Error	FMI: 19
Count: 67	

Fault Description: Undefined	SPN 6986
FMI Description: Mechanical System not Responding or out of Adjustment	FMI: 7
Count: 1	

Fault Description: Undefined	SPN 6979
FMI Description: Received Network Data in Error	FMI: 19
Count: 66	

Fault Description: Undefined	SPN 6978
FMI Description: Received Network Data in Error	FMI: 19
Count: 66	

Fault Description: Undefined	SPN 6977
FMI Description: Received Network Data in Error	FMI: 19
Count: 95	

Fault Description: Undefined	SPN 6974
FMI Description: Received Network Data in Error	FMI: 19
Count: 95	

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	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 95	SPN 6973 FMI: 19
	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 95	SPN 6972 FMI: 19
	Fault Description: Vehicle Speed FMI Description: Received Network Data in Error Count: 126	SPN 84 FMI: 19
	Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 126	SPN 6920 FMI: 7
	Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 126	SPN 6918 FMI: 7
	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 52	SPN 6917 FMI: 19
	Fault Description: Undefined FMI Description: Received Network Data in Error Count: 84	SPN 6916 FMI: 19
	Fault Description: Undefined FMI Description: Mechanical System not Responding or out of Adjustment Count: 35	SPN 6912 FMI: 7
	Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 16	SPN 6996 FMI: 5
	Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 27	SPN 6983 FMI: 5
	Fault Description: Undefined FMI Description: Current below Normal or Open Circuit Count: 126	SPN 6971 FMI: 5

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## COMPONENT FAULT CODES 28 TOTAL / 3 ACTIVE / 25 INACTIVE

Fault Description: Undefined	SPN 6970
FMI Description: Current below Normal or Open Circuit	FMI: 5
Count: 10	
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Fault Description: Undefined	SPN 6997
FMI Description: Voltage below Normal, or Shorted to low Source	FMI: 4
Count: 24	
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Fault Description: Undefined	SPN 2003
FMI Description: Received Network Data in Error	FMI: 19
Count: 126	
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Fault Description: Undefined	SPN 1550
FMI Description: Current below Normal or Open Circuit	FMI: 5
Count: 1	
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Fault Description: Undefined	SPN 2071
FMI Description: Received Network Data in Error	FMI: 19
Count: 6	

## PARAMETERS

### ENGINE #1 - J1939

Rated Horsepower	249 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	798 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	14.43 psi	Coolant Level	100 %
Coolant Temperature	145.4 °F	Oil Level	Not Available
Oil Temperature	Not Available	Oil Pressure	31.9 psi
DPF Status	Regen not Needed	Regen Status	N/A
DPF Active Regen Inhibited Status	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	378.5 °F	Exhaust Temperature 2	Not Available
Exhaust Temperature 3	Not Available	DPF Intake Temperature	379.4 °F
DPF Outlet Temperature	382.8 °F	DPF Differential Pressure	0 psi

### TRANSMISSION #1 - J1939

Battery Voltage	N/A	Ignition Voltage	N/A
Input Shaft Speed	749 RPM	Output Shaft Speed	0 RPM
Oil Level	Not Available	Oil Life Remaining	N/A

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## TRANSMISSION #1 - J1939

Oil Temperature	104.2 °F	Service Indicator	N/A
Range Selected	N/A	Range Attained	N/A

## LIFE DATA

### ENGINE #1 - J1939

Distance	68015.69 mi	Hours	10282.25 hr
Fuel Used	17352.1 gal	Average Fuel Economy	N/A
Engine Idle Hours	2146.60 hr	Engine Idle Fuel Used	1341.9 gal
PTO Hours	5805.05 hr	PTO Fuel Used	6384.0 gal
DPF Number of Inhibited Active Regen	Not Available	DPF Number of Manual Active Regen	Not Available
DPF Fuel Used	90.3 gal		

## TRIP DATA

### ENGINE #1 - J1939

Distance	68024.08 mi	Fuel Used	17259.7 gal
Average Fuel Rate	1.68 gal/hr	Idle Time	N/A
Vehicle Idle Fuel Used	1341.9 gal	Cruise	N/A
Cruise Fuel Used	573.0 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