



JPRO® DIAGNOSTIC REPORT

Connection Date: November 01, 2023 1:50 PM

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VIN	3AKJGLD5XFSGB5682
Vehicle Make	Freightliner
Model	Cascadia
Series	
Model Year	2015
Unit Number	2325509

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine/CPC	Detroit DD15 CPC04T	S0239434	App_040A	J1939 (High)/J1587 (Low)/15765 (CAN)
Transmission	Detroit DT12	N/A	0009	J1939 (High)/15765 (CAN)
Brakes	WABCO E Cab(12V) 4S/4M	??30??	E452	J1939 (High)/J1587 (Low)
Instrument Cluster	Freightliner ICU4Me-P3	N/A	15/10/00 000201 0504480721001 009d	J1939 (High)
SAM Cabin	Freightliner SAM Cabin	N/A	N/A	J1939 (High)/15765 (CAN)
Modular Switch Field	Freightliner Modular Switch Field	N/A	N/A	J1939 (High)/15765 (CAN)
Aftertreatment Control Module	Detroit DD15 ACM21T	N/A	acm_0x0221	J1939 (High)/15765 (CAN)
Motor Control Module	Detroit DD15 MCM21T	N/A	mcm_0x06C1	J1939 (High)/15765 (CAN)
Communications Unit, Cellular	Freightliner Communications Unit, Cellular	N/A	18/32/01 010221 0308000000000 0129	J1939 (High)
Central Gateway	Freightliner CGW	6001E1	12.30.000, 12/30/00	J1939 (High)/J1587 (Low)/15765 (CAN)
HVAC-Auxiliary Control Unit	Freightliner HVAC Rear	000000000000000000000000	R.0.0.0 R.1.2.7	J1939 (High)
HVAC-Front Control Unit	Freightliner HVAC Front	FL-P3S-14022711-0465	R.0.3.2 R.1.3.1	J1939 (High)

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SAM Chassis	Freightliner SAM Chassis	N/A	N/A	J1939 (High)/15765 (CAN)
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Vehicle Key Data Points

Description	Parameter Value	Description	Parameter Value
Avg Fuel Econ	6.30 mpg	Idle Fuel Used	8,749.10 gal
Battery Potential	14.00 volts	DPF Soot Level	Low
Total Idle Hrs	12,139.70 hrs	DPF Derate	Low
Idle Shutdown	5.00 min	Total Engine Run Time	25,998.00 hrs
Road Speed Limit	75.00 mph	Cruise Spd Limit	74.00 mph
PTO Status	Inactive	Malfunction Indicator Lamp	On
Red Stop Lamp	Off	Amber Warning Lamp	Off
Protect Lamp	Off	Parking Brake Switch	On
Engine Speed	585 rpm	DPF Lamp Command	Off
Exhaust System High Temperature Lamp Command	Off	ABS Control Status	Off
ABS Control Status, Trailer	Not Available	Odometer	964,832.91 mi
Engine Odometer	985,834.47 mi	Instrument Cluster Odometer	964,832.91 mi
Fuel	52%	Coolant	Normal
Diesel Exhaust Fluid	89%		

Vehicle Issues

 1 Active Fault(s) Present

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active, Emissions	DD15 MCM21T	Cylinder 6 exhibiting a misfire event	SPN 1328	31	13
Inactive	HVAC Rear	Blower Motor - protection mode (voltage out of range)	SPN 523318	2	1
Inactive	HVAC Rear	ACU - voltage above normal	SPN 158	3	26
Inactive	HVAC Front	COTC Sensor - short to battery or open circuit	SPN 1548	5	126



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Inactive	HVAC Front	Blower Motor - protection mode (voltage out of range)	SPN 523318	2	3
Inactive	HVAC Front	Blower motor - protection mode (speed mismatch or blocked rotor)	SPN 523318	7	126
Inactive	HVAC Front	FCU - voltage above normal	SPN 158	3	33
Inactive	HVAC Front	FCU - voltage below normal	SPN 158	4	17
Inactive	HVAC Front	A/C Clutch - protection mode (voltage too low)	SPN 876	1	1
Inactive	Central Gateway	Central Gateway (CGW) - Voltage Above Normal or Shorted to High Source	SPN 168	3	9
Inactive	SAM Cabin	Windshield Wiper Park Circuit - Voltage Out Of Range	SPN 522209	2	1