

**Loves**

JPRO® DIAGNOSTIC REPORT

Loves Tireshop
229 Mocksville Hwy Statesville, NC 28625

Connection Date: June 11, 2024 2:29 PM
Print Date: June 11, 2024 2:29 PM

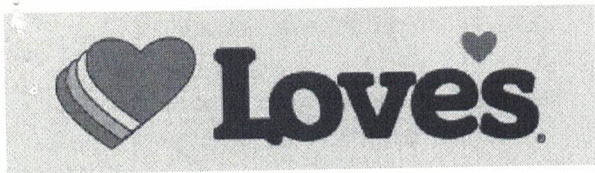
VIN	3AKJHHDR6PSUA1591
Vehicle Make	Freightliner
Model	Cascadia
Series	
Model Year	2023

764

\$107.39

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine/CPC	Detroit DD15 CPC501T	472912S0970459	App_3108	J1939 (High)/15765 (CAN)
Transmission	Detroit DT12	N/A	20/41/00 000 022 0504482109-002 DTNA NAMT201403 2020-10-09	J1939 (High)/15765 (CAN)
Brakes	WABCO mBSP - Modular Braking System Platform 4S/4M	247424	N/A	J1939 (High)/15765 (CAN)
Instrumentation Control Unit	Freightliner Instrumentation Control Unit	N/A	N/A	J1939 (High)/15765 (CAN)
Single SAM	Freightliner Single SAM	N/A	N/A	J1939 (High)/15765 (CAN)
Chassis Module	Freightliner Chassis Module	N/A	N/A	J1939 (High)
Central Gateway	DTNA Central Gateway	2210310341	22/08/03 020703 0004489127003 0 3	J1939 (High)/15765 (CAN)
Forward Road Image Processor	DTNA Video Radar Decision Unit	N/A	DETROIT_ASSURAN CE_2	J1939 (High)
Multipurpose Camera	Freightliner Multipurpose Camera	N/A	N/A	J1939 (High)/15765 (CAN)
HVAC-Front Control Unit	Freightliner HVAC Front	N/A	N/A	J1939 (High)/15765 (CAN)
Expansion Module	Freightliner Expansion Module	N/A	N/A	J1939 (High)
Switch Hub Module	Freightliner Switch Hub Module	N/A	N/A	J1939 (High)



JPRO® DIAGNOSTIC REPORT

Loves Tireshop
229 Mocksville Hwy Statesville, NC 28625

Connection Date: June 11, 2024 2:29 PM

Print Date: June 11, 2024 2:29 PM

Aftertreatment Control Module	Detroit DD15 ACM301T	N/A	acm_0x0359	J1939 (High)/15765 (CAN)	
Motor Control Module	Detroit DD15 MCM21T	N/A	mcm_0x2A18	J1939 (High)/15765 (CAN)	
Driver Door Control Module	Freightliner Driver Door Control Module	N/A	N/A	J1939 (High)/15765 (CAN)	
Passenger Door Control Module	Freightliner Passenger Door Control Module	N/A	N/A	J1939 (High)/15765 (CAN)	
Telematics	Freightliner Telematics	N/A	N/A	J1939 (High)	
Headway Controller	Freightliner Front Radar	N/A	N/A	J1939 (High)/15765 (CAN)	
HVAC Auxiliary	Freightliner HVAC Auxiliary Control Unit	N/A	N/A	J1939 (High)/15765 (CAN)	
HVAC Parked	Freightliner HVAC Parked	N/A	N/A	J1939 (High)	
Short Range Radar	Freightliner Short Range Radar	N/A	N/A	J1939 (High)	



JPRO® DIAGNOSTIC REPORT


Loves Tireshop
229 Mocksville Hwy Statesville, NC 28625

Connection Date: June 11, 2024 2:29 PM
Print Date: June 11, 2024 2:29 PM

Vehicle Key Data Points

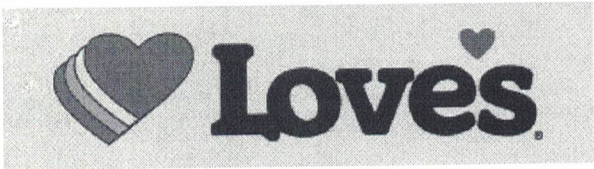
Description	Parameter Value	Description	Parameter Value
Avg Fuel Econ	6.50 mpg	Idle Fuel Used	3,410.70 gal
Battery Potential	12.60 volts	DPF Soot Level	Low
Total Idle Hrs	4,654.20 hrs	DPF Derate	Low
Idle Shutdown	15.00 min	Total Engine Run Time	7,966.40 hrs
Road Speed Limit	83.00 mph	Cruise Spd Limit	83.00 mph
PTO Status	not active	Malfunction Indicator Lamp	On
Red Stop Lamp	Off	Amber Warning Lamp	On
Protect Lamp	Off	Parking Brake Switch	On
Engine Speed	0 rpm	DPF Lamp Command	Not Available
Exhaust System High Temperature Lamp Command	Not Available	ABS Control Status	Not Available
ABS Control Status, Trailer	Not Available	Odometer	201,273.48 mi
Engine Odometer	201,279.69 mi	Instrument Cluster Odometer	201,273.48 mi
Fuel	89%	Coolant	Normal
Diesel Exhaust Fluid	Normal		

Vehicle Issues

 3 Active Fault(s) Present

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	DD15 MCM21T	ACM Reported Ash Mileage is Lower than the MCM Stored Value	SPN 521133	13	1
Active, Emissions	DD15 MCM21T	Fuel Rail Pressure - High	SPN 521031	18	2
Active, Emissions	DD15 MCM21T	Fuel Rail Pressure - Too Low	SPN 521031	16	3
Inactive	DD15 ACM301T	Diesel Exhaust Fluid (DEF) Tank Level 3 Condition - Tank Level Very Low	SPN 1761	31	7



JPRO® DIAGNOSTIC REPORT

Loves Tireshop
229 Mocksville Hwy Statesville, NC 28625

Connection Date: June 11, 2024 2:29 PM
Print Date: June 11, 2024 2:29 PM

Inactive	DD15 MCM21T	Fuel Rail Pressure Deviation Greater than 200 Bar (2,900 PSI) While Under Load	SPN 164	15	3	
Inactive	DD15 MCM21T	Pressure Limiting Valve - Stuck Open	SPN 5571	7	1	
Inactive	Single SAM	Undocumented Fault - Contact Manufacturer for SPN 520880 details	SPN 520880	13	9	