



JPRO® DIAGNOSTIC REPORT

Connection Date: January 06, 2026 12:58 PM

Print Date: January 06, 2026 12:58 PM

VIN	5KJNALD1XFPGF2942
Vehicle Make	Western Star
Model	4900SA
Series	
Model Year	2015

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine/CPC	Detroit DD16 CPC04T	S0253593	App_040A	J1939 (High)/15765 (CAN)
Brakes	WABCO E Cab(12V) 6S/6M	??89??	E442	J1587 (Low)
Motor Control Module	Detroit DD16 MCM21T	N/A	mcm_0x06C1	J1939 (High)/15765 (CAN)
Aftertreatment Control Module	Detroit DD16 ACM21T	N/A	acm_0x0221	J1939 (High)/15765 (CAN)

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Vehicle Key Data Points

Description	Parameter Value	Description	Parameter Value
Avg Fuel Econ	4.20 mpg	Idle Fuel Used	5,142.90 gal
Battery Potential	14.10 volts	DPF Soot Level	High
Total Idle Hrs	5,500.10 hrs	DPF Derate	High
Idle Shutdown	3.00 min	Total Engine Run Time	17,091.60 hrs
Road Speed Limit	75.00 mph	Cruise Spd Limit	70.00 mph
PTO Status	Off/Disabled	Malfunction Indicator Lamp	Off
Red Stop Lamp	On	Amber Warning Lamp	On
Protect Lamp	Off	Parking Brake Switch	On
Engine Speed	0 rpm	DPF Lamp Command	Fast Flash
Exhaust System High Temperature Lamp Command	Off	ABS Control Status	On
ABS Control Status, Trailer	Not Available	Odometer	564,635.13 mi
Engine Odometer	564,635.13 mi	Instrument Cluster Odometer	Not Available
Coolant	Low	Diesel Exhaust Fluid	Normal

Vehicle Issues

	5 Active Fault(s) Present
	DPF Regen Inhibited
	DPF Regen Needed
	Consumable Fluid(s) Low

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	Brakes	ABS Complete Shut-off	SID 22	14	N/A
Active	DD16 CPC04T	CPC: J1939 EBC1 Message from Transmission is missing	SPN 973	9	9
Active	DD16 CPC04T	J1939 Message is Missing From Anti-Lock Brake System Controller.	SPN 2011	9	10
Active	DD16 CPC04T	CPC: Coolant Level Low	SPN 111	1	2



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Active	Brakes	J1939 EEC1 Timeout	SID 231	9	80
Inactive	Brakes	Over Voltage	SID 251	3	4
Inactive	Brakes	Right Front Wheel Sensor Air Gap Too Large	SID 2	1	N/A
Inactive	Brakes	J1939 Open Circuit or Short circuit	SID 231	5	34