



JPRO® DIAGNOSTIC REPORT

Connection Date: January 07, 2026 10:32 AM

Print Date: January 07, 2026 10:32 AM

VIN	1NPCXPEX9HD418075
Vehicle Make	Peterbilt
Model	567
Series	
Model Year	2017

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine	PACCAR MX 13 EPA 13	Y107392	PC4_A1434P161J AP161J10082- 06_a MY2016 EPA13	J1939 (High)/15765 (CAN)
Transmission	Eaton Gen III UltraShift PLUS	SERIALNO	5570065 E265.e005	J1939 (High)
Brakes	Bendix EC-80 ATC ABS	2W36154389	BB41258	J1939 (High)/15765 (CAN)
Cab Controller - Primary	PACCAR CECU3 with Chassis Node	N/A	P30-1011	J1939 (High)/15765 (CAN)

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Vehicle Key Data Points

Description	Parameter Value
Avg Fuel Econ	5.30 mpg
Battery Potential	13.60 volts
Total Idle Hrs	4,819.90 hrs
Idle Shutdown	Not Available
Road Speed Limit	65.00 mph
PTO Status	Off/Disabled
Red Stop Lamp	Off
Protect Lamp	Off
Engine Speed	773 rpm
Exhaust System High Temperature Lamp Command	Off
ABS Control Status, Trailer	Off
Engine Odometer	365,813.01 mi
Fuel	30%
Diesel Exhaust Fluid	Normal

Description	Parameter Value
Idle Fuel Used	3,605.70 gal
DPF Soot Level	Low
DPF Derate	Low
Total Engine Run Time	14,558.90 hrs
Cruise Spd Limit	65.00 mph
Malfunction Indicator Lamp	On
Amber Warning Lamp	Off
Parking Brake Switch	On
DPF Lamp Command	Off
ABS Control Status	Not Available
Odometer	365,813.01 mi
Instrument Cluster Odometer	Not Available
Coolant	Normal

Vehicle Issues



1 Active Fault(s) Present

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	MX 13 EPA 13	NOx sensor after catalyst software verification - Incorrect	U1850	N/A	126
Inactive	Gen III UltraShift PLUS	Auto-Neutral Park Brake Switch Special Instructions (Flash Code 21)	SPN 70	14	3
Inactive	Gen III UltraShift PLUS	Weak battery voltage supply Special Instructions (Flash Code 34)	SPN 168	14	1
Inactive	Gen III UltraShift PLUS	ABS CAN message fault- Transmission ECU received a message from ABS that "Hill Start Aid" is not available (Flash Code 22)	SPN 563	14	1



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Inactive	Gen III UltraShift PLUS	J1939 engine message-Transmission ECU has either lost communication or has received erratic signals from the Engine ECU (Flash Code 36)	SPN 639	14	45
Inactive	Gen III UltraShift PLUS	Invalid Shift Lever position Special Instructions (Flash Code 83)	SPN 751	14	1
Inactive	Gen III UltraShift PLUS	Electric Clutch Actuator Battery Voltage fault Voltage Below Normal, Or Shorted To Low Source (Flash Code 66)	SPN 520271	4	8
Inactive	MX 13 EPA 13	Boost pressure - Data erratic, intermittent, or incorrect - Pressure varies more than 2.5 psi compared to the average of other sensors after initial key on	P0069	N/A	1
Inactive	MX 13 EPA 13	Pressure before turbine - Data erratic, intermittent, or incorrect at ignition on - Pressure varies more than 5.2 psi compared to the average of other sensors at key on.	P0471	N/A	1
Inactive	MX 13 EPA 13	Coolant level - Data valid but low - Moderately severe	P1560	N/A	36
Inactive	MX 13 EPA 13	EGR - Shutoff	P1496	N/A	2
Inactive	MX 13 EPA 13	Variable Geometry Turbocharger (VGT) actuator - CAN communication error - Message rate too low	U1159	N/A	1
Inactive	MX 13 EPA 13	CAN communication - Message (CCVS) rate too low from vehicle controller	U0104	N/A	1
Inactive	MX 13 EPA 13	Right front axle wheel speed - Data erratic, intermittent or incorrect	P1159	N/A	6
Inactive	MX 13 EPA 13	EGR flow response - Decrease too slow	P171B	N/A	12
Inactive	MX 13 EPA 13	Diesel Particulate Filter (DPF) - Soot level high - least severe	P3797	N/A	32
Inactive	MX 13 EPA 13	Fuel dosing valve - Current too low or open circuit on EAS-3 ECU pin A05 or pin A29	P3833	N/A	1
Inactive	MX 13 EPA 13	ECU EAS-3 - Data lost due to incorrect power down	P3875	N/A	4
Inactive	MX 13 EPA 13	NOx sensor after catalyst - Heating failed during warm-up	P3915	N/A	2
Inactive	MX 13 EPA 13	NOx sensor after catalyst - Heating error	P3927	N/A	4
Inactive	MX 13 EPA 13	Diesel Exhaust Fluid (DEF) quality - Unknown contaminant	P3937	N/A	68
Inactive	MX 13 EPA 13	Exhaust Gas Recirculation (EGR) Malfunction Detected, Derate caused by P1496 being Active	P1515	N/A	11
Inactive	MX 13 EPA 13	CAN communication - Message (A1DEFI) out of range - DEF property from emission system	U185C	N/A	126
Inactive	MX 13 EPA 13	ECM/PCM Power Input Signal Low	P2507	N/A	1
Inactive	MX 13 EPA 13	Undocumented Fault - Fault Code U1928 has been investigated by Noregon and is not documented by the manufacturer. Contact Manufacturer for further details.	U1928	N/A	126



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Inactive	MX 13 EPA 13	Coolant temperature - Data valid but too high - Most severe level	P0217	N/A	7
Inactive	MX 13 EPA 13	Hydrocarbon storage - Drive-away error	P3880	N/A	9
Inactive	CECU3 with Chassis Node	Engine Total Hours of Operation message missing	24709	N/A	25
Inactive	CECU3 with Chassis Node	Total Power Takeoff Hours message missing	24809	N/A	29
Inactive	CECU3 with Chassis Node	Right trailer turn output over current	239806	N/A	12
Inactive	CECU3 with Chassis Node	Left Turn Trailer Lamp Fault - Left trailer turn output over current	239606	N/A	20
Inactive	CECU3 with Chassis Node	Right rear turn/stop output over current	237406	N/A	12
Inactive	CECU3 with Chassis Node	Right front turn or left front side turn output over current	237006	N/A	12
Inactive	CECU3 with Chassis Node	Tractor/Truck Left Rear Turn/Stop Fault - Left rear turn/stop output output over current	237206	N/A	20
Inactive	CECU3 with Chassis Node	Left Front Turn Fault - Left front turn or left front side turn output over current	236806	N/A	20
Inactive	CECU3 with Chassis Node	Right rear turn/stop output short to power	237403	N/A	12
Inactive	CECU3 with Chassis Node	Right front turn or left front side turn output short to power	237003	N/A	12
Inactive	CECU3 with Chassis Node	Tractor/Truck Left Rear Turn/Stop Fault - Left rear turn/stop output output short to power	237203	N/A	5
Inactive	CECU3 with Chassis Node	Left Front Turn Fault - Left front turn or left front side turn output short to power	236803	N/A	5
Inactive	CECU3 with Chassis Node	(Air Filter Restriction) - Open in air filter restriction circuit	10703	N/A	2
Inactive	CECU3 with Chassis Node	Outside air temp message from engine error	17102	N/A	6
Inactive	CECU3 with Chassis Node	Control Unit cannot read messages from Engine on V-CAN	148309	N/A	43
Inactive	CECU3 with Chassis Node	Fault CAN Bus 2, Abnormal Frequency Or Pulse Width Or Period -OR- Cluster Communication Fault, Voltage or Wheel Speed Issue	123108	N/A	10
Inactive	CECU3 with Chassis Node	Engine Percent Load Signal Missing	9209	N/A	13



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Inactive	CECU3 with Chassis Node	Accelerator Pedal Position Message missing	9109	N/A	13
Inactive	CECU3 with Chassis Node	PTO State Unknown - Check engine configuration and/or V-CAN wiring	97609	N/A	5
Inactive	CECU3 with Chassis Node	(Engine) Vehicle Speed Sensor - Abnormal Rate Of Change	8410	N/A	5
Inactive	CECU3 with Chassis Node	Diesel Exhaust Fluid Level Message Error	176109	N/A	17
Inactive	CECU3 with Chassis Node	High Resolution Vehicle Distance message missing	91709	N/A	5
Inactive	CECU3 with Chassis Node	Aftertreatment System Operator Inducement Severity Message Error	524610	N/A	4
Inactive	CECU3 with Chassis Node	Aftertreatment DEF Tank Low Level Indicator, Abnormal Rate Of Change -OR- Diesel Exhaust Fluid Telltale Message Timed Out	524510	N/A	4
Inactive	CECU3 with Chassis Node	Catalyst Tank Level, Abnormal Rate Of Change -OR- Diesel exhaust fluid level message error	176110	N/A	4
Inactive	CECU3 with Chassis Node	Regeneration inhibited due to inhibit switch message error	370309	N/A	4
Inactive	CECU3 with Chassis Node	Exhaust system high temperature lamp message error	369809	N/A	4
Inactive	CECU3 with Chassis Node	Diesel particulate filter lamp message error	369709	N/A	4
Inactive	CECU3 with Chassis Node	(Starter Motor Cooldown Enforce) - Starter disabled due to over crank protection	167502	N/A	5
Inactive	CECU3 with Chassis Node	Battery Voltage is 2 volts below the LVD Cutoff Voltage	16818	N/A	126
Inactive	EC-80 ATC ABS	J1939 Electronic Engine Controller 1 Timeout or Invalid Signal (SPN 639 FMI 2 Blink Code 11-3)	216-106	N/A	110
Inactive	EC-80 ATC ABS	J1939 Electronic Engine Controller 2 Timeout or Invalid Signal (SPN 639 FMI 2 Blink Code 11-4)	217-106	N/A	123
Inactive	EC-80 ATC ABS	J1939 Electronic Retarder Timeout or Invalid Signal (SPN 639 FMI 2 Blink Code 11-2)	219-106	N/A	107
Inactive	EC-80 ATC ABS	Timeout or Invalid data on ETC7 or VP15 (SPN 639 FMI 2 Blink Code 11-7)	226-106	N/A	126
Inactive	EC-80 ATC ABS	Steer Axle Right WSS Signal Low at Drive Off (SPN 790 FMI 9 Blink Code 3-2)	441-140	N/A	1



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Pending	MX 13 EPA 13	Pressure sensor after Back Pressure Valve (BPV) - Data erratic, intermittent, or incorrect - Pressure varies more than 1 psi compared to the average of other sensors after initial key on	P006B	N/A	1
Pending	MX 13 EPA 13	EGR valve module - Out of calibration	P1488	N/A	1