



JPRO®

PM INSPECTION REPORT

DATE: 10/27/2023 1:46:04 PM

(Heavy Duty) Preventative Maintenance-A

CUSTOMER INFORMATION:

Customer Name:

Location Code:

Repair Order #:

Unit #: 291

Trailer Unit #:

Odometer: 77,994.07 mi

Refer Due?:

VIN: 1NPSLJ9X5ED234262

Vehicle Make: Peterbilt

Model: 365

Series:

Model Year: 2014

List Campaigns:

COMMENTS:

Print Inspector's Name:

Inspector's Signature:



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FN	RE	OK	✓	✗	N/A
Follow-up Needed	Re-inspected/Repaired	Re-inspected: No issues	Adjusted /Serviced	Needs Service	Not Applicable

Inspection Items

#	INSPECTION			INSPECTION ITEM	SERVICE			INITIAL
	FN	RE	OK		✓	✗	N/A	
Administration Prep								
1				Check for Driver Inspection Report				
2				Photograph physical damage				
3				Check DOT Date				
4				Record odometer reading/engine hours				
5				Record all fault codes (active and inactive)				
In Cab Inspection								
6				Check operation of windshield wipers, washers and condition of windshield and visors				
7				Check operation of parking brake. Check for air leaks. Service brakes, applied and released				
8				Check operation of all warning lamps and alarms				
9				Check and record cut in and cut out pressure of air system				
10				Check operation of tractor protection valve				
11				Check operation of air horn and electric horn				
12				Check operation of clutch, clutch brake, free travel and pedal pad. Inspect mirror mountings, brackets and all glass				
13				Check for Fully Charged Fire Extinguisher and Safety Triangles Kit				
Outside Cab								
14				Check headlamps, turn signals, fog, clearance, and brake lights				
15				Check mirror, mountings, brackets, and glass				
16				Check trailer cord operation and condition Check trailer air lines and glad hand seals				
17				Check condition of mud flaps, hangers and fender mounting				
18				Check muffler/DPF-SCR system and exhaust stack mounting. Check for leaks				
19				Check cab suspension components				



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Inspection Items				
#	INSPECTION FN RE OK	INSPECTION ITEM	SERVICE ✓ X N/A	INITIAL
20		Check fifth wheel adjustment, mounting and slide operation		
21		Check condition and mounting of rear shocks and air bags for any defects		
22		Check fuel and DEF tanks, mountings, lines and caps		
23		Check Batteries and Terminals, Load test Batteries		
Engine Compartment				
24		Check air filter restriction and record. Advise on condition of element		
25		Inspect intake piping for sealing, integrity (cracks, splitting and/or holes), alignment and clamp tightness		
26		Check cab filters. Report on condition		
27		Check all belts, pulleys and tensioners for wear and adjustment		
28		Check radiator, CAC and AC condenser condition, mounting, obstructions, dirt and debris, etc.		
29		Test and record coolant protection level and SCA level.		
30		Check fan and shroud for damage		
31		Check engine fan drive mounting and for any leaks		
32		Visually inspect engine compartment for fluid leaks (fuel, oil and water)		
33		Check power steering level. Inspect system for leaks		
34		Check opening operation of hood shocks and mounting		
35		Check condition and adjustment of hood release cables		
36		Check clutch fluid level. If low, inspect for leaks and fill as necessary		
37		Check turbo, exhaust manifold and exhaust pipes for mounting and leaks		
Under Vehicle Inspection				
38		Check starter mounting, cable connections for corrosion and tightness		
39		Check driveline for excessive movement. U-joint caps must all purge grease		
40		Check hanger bearing. Jack up front end and check kingpins		
41		Check front wheel bearing end play Check oil level of front hubs		
42		Check all wheel seals for signs of leakage		
43		Check transmission and differential oil levels. Inspect and clean breathers Check for leaks		



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	FN	RE	OK		✓	✗	N/A	
44				Check clutch slave cylinder for leaks. Check condition of boot. Check yoke for wear.				
45				Check transmission cooler mounting. Inspect cooler hose condition				
46				Inspect transmission mounts for wear or cracking				
47				Check suspension U-bolts and saddles. Look for any shift in components				
48				Check suspension torque rods for bushing wear				
49				Check air ride height on rear suspension				
50				Check all wheels and fasteners for cracks. Inspect tire condition for lugs missing or irregular wear				
51				Verify lug nut torque with torque wrench				
52				Check drag link, tie rod ends and steering shaft for wear or looseness				
53				Check brake chambers for broken springs, rubbing lines				

Lubrication

54				Drain engine oil. Torque drain plug to spec.				
55				Replace engine oil filter(s)				
56				Replace fuel filter(s)				
57				Drain and clean fuel/water separator as necessary				
58				Lubricate all grease fittings per manufacture specification				
59				With engine running, check for leaks and unusual noise				
60				Install "Next Service Due" decal				
61				Top off washer fluid				
62				Lubricate 5th wheel				

Tire Tread Depth (Note Wear)

63				Front Axle Right (Tread Depth)				
64				Front Axle Left (Tread Depth)				
65				Front Rear Right (Tread Depth)				
66				Front Rear Right Inner (Tread Depth)				
67				Rear-Rear Right (Tread Depth)				
68				Rear-Rear Right Inner (Tread Depth)				



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#	INSPECTION	INSPECTION ITEM	SERVICE			INITIAL
	FN RE OK		✓	✗	N/A	
69		Rear-Rear Left (Tread Depth)				
70		Rear-Rear Left Inner (Tread Depth)				
71		Front Rear Left (Tread Depth)				
72		Front Rear Left Inner (Tread Depth)				

Tire Pressure

73		Front Left				
74		Front Right				
75		Front Rear Right				
76		Rear Rear Right				
77		Rear Rear Left				
78		Front Rear Left				

Brake (Linings)

79		Front Steer Right (Notate Actual Measurement)				
80		Front Steer Left (Notate Actual Measurement)				
81		Front Drive Right (Notate Actual Measurement)				
82		Front Drive Left (Notate Actual Measurement)				
83		Rear Drive Right (Notate Actual Measurement)				
84		Rear Drive Left (Notate Actual Measurement)				



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Tractor		
Axle 1	Axle 2	Axle 3
 Drum Rotor - No	 Drum Rotor - No	 Drum Rotor - No
 Drum Rotor - No	 Drum Rotor - No	 Drum Rotor - No

Trailer 1	
Axle 2	Axle 3
 Drum Rotor - No	 Drum Rotor - No
 Drum Rotor - No	 Drum Rotor - No

Tractor		
Axle 1	Axle 2	Axle 3
 32nds PSI	 32nds PSI	 32nds PSI
 32nds PSI	 32nds PSI	 32nds PSI
 32nds PSI	 32nds PSI	 32nds PSI

Trailer 1	
Axle 2	Axle 3
 32nds PSI	 32nds PSI
 32nds PSI	 32nds PSI
 32nds PSI	 32nds PSI



JPRO® DIAGNOSTIC REPORT

Connection Date: September 20, 2023 2:14 PM

Print Date: September 20, 2023 2:14 PM

VIN	1NPSLJ9X5ED234262
Vehicle Make	Peterbilt
Model	365
Series	
Model Year	2014
Unit Number	291

Vehicle Components

Component	Description	Serial Number	Software Version	Network
Engine	Cummins 8.9L ISL	73590729	05290170 03105822 072517142935 20718004 G1 BDO	J1939 (High)
Transmission	Allison 3000/4000 5th Gen	BK0689A132340551	W13KSPC_2M6E574 C13400084954G	J1939 (High) /15765 (CAN)
Brakes	Bendix EC-60 Standard ABS	0N27130769	BB41101	J1939 (High) /J1587 (Low)
Shift Console - Primary	PACCAR Right Hand Stalk Switch	N/A	N/A	J1939 (High)
Cab Controller - Primary	PACCAR CECU3	N/A	P30-1031	J1939 (High) /15765 (CAN)





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Vehicle Key Data Points

Description	Parameter Value	Description	Parameter Value
Avg Fuel Econ	3.50 mpg	Idle Fuel Used	4,617.60 gal
Battery Potential	11.50 volts	DPF Soot Level	Low
Total Idle Hrs	4,837.70 hrs	DPF Derate	Low
Idle Shutdown	5.00 min	Total Engine Run Time	10,858.90 hrs
Road Speed Limit	65.00 mph	Cruise Spd Limit	65.00 mph
PTO Status	Enable	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	Off
Exhaust System High Temperature Lamp Command	Off	ABS Control Status	Off
ABS Control Status, Trailer	Not Available	Odometer	77,975.60 mi
Engine Odometer	77,975.60 mi	Instrument Cluster Odometer	Not Available
Fuel	76%	Coolant	50%
Diesel Exhaust Fluid	60%		

Vehicle Issues

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

Faults

Status	Component	Description	Lookup Code	FMI	Count
Active	8.9L ISL	Engine Exhaust Gas Recirculation (EGR) System - Data Valid But Below Normal Operating Range - Moderately Severe Level. Measured EGR flow is lower than commanded. - First occurrence 10323:18:28; Last occurrence 10856:41:07	3382	N/A	40

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Active	8.9L ISL	Intake Manifold 1 Pressure - Abnormal Rate of Change. The VGT position reading is stuck. - First occurrence 11104:59:20; Last occurrence 11104:59:20	3361	N/A	1
Active	8.9L ISL	VGT Actuator Driver Circuit (Motor) - Mechanical System Not Responding or Out of Adjustment. The smart VGT controller has detected incorrect stop limits, or the VGT is unable to move to the closed position. - First occurrence 10823:07:57; Last occurrence 11105:31:51	2387	N/A	13
Active	8.9L ISL	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 Circuit - Current Below Normal or Open Circuit. Open circuit detected in the diesel exhaust fluid line heater 1. - First occurrence 10609:23:27; Last occurrence 11105:44:01	3258	N/A	N/A
Active	8.9L ISL	Crankcase Pressure Circuit - Voltage Below Normal or Shorted to Low Source. Low signal voltage detected at the crankcase pressure circuit. - First occurrence 11108:30:27; Last occurrence 11108:30:27	1844	N/A	1
Active	8.9L ISL	Engine Protection Torque Derate - Condition Exists. Critical fault codes related to engine operation are active. - First occurrence 11109:37:37; Last occurrence 11109:37:37	3714	N/A	1
Active	8.9L ISL	Coolant Level - Data Valid But Below Normal Operational Range - Least Severe Level. Low engine coolant level detected. - First occurrence 11109:36:30; Last occurrence 11110:15:08	2448	N/A	2
Active	8.9L ISL	VGT Actuator Controller - Out of Calibration. The VGT has failed the automatic calibration procedure at initial key ON. - First occurrence 11105:34:11; Last occurrence 11110:23:35	1898	N/A	42
Inactive	8.9L ISL	Aftertreatment 1 Diesel Exhaust Fluid Tank Level - Data Valid But Below Normal Operating Range - Least Severe Level. The aftertreatment diesel exhaust fluid tank level is low. - First occurrence 10587:55:22; Last occurrence 10587:55:22	3497	N/A	1
Inactive	8.9L ISL	Engine Coolant Temperature - Data Valid But Above Normal Operational Range - Most Severe Level. Engine coolant temperature is above engine protection critical limit. - First occurrence 10705:04:54; Last occurrence 10705:04:54	151	N/A	1
Inactive	8.9L ISL	Engine Coolant Temperature - Condition Exists. The EGR valve was closed to reduce engine coolant temperature. - First occurrence 10511:30:27; Last occurrence 10721:29:50	2646	N/A	3
Inactive	8.9L ISL	Engine Coolant Temperature - Data Valid But Above Normal Operational Range - Least Severe Level. Engine coolant temperature is above the engine protection warning limit. - First occurrence 10511:28:53; Last occurrence 10893:11:37	2963	N/A	4

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Inactive	8.9L ISL	Engine Intake Manifold Pressure System Monitor - Condition Exists. The engine is unable to meet the air handling system commands. - First occurrence 10468:34:02; Last occurrence 10969:15:35	4612	N/A	3
Inactive	8.9L ISL	Engine Misfire Cylinder 6 - Condition Exists. Engine misfire has been detected in cylinder number 6. - First occurrence 10390:08:39; Last occurrence 10975:23:43	1659	N/A	8
Inactive	8.9L ISL	Crankcase Pressure - Data Erratic, Intermittent, or Incorrect. The ECM has detected that the crankcase pressure signal is reading an erratic value at initial key ON or during engine operation. - First occurrence 10323:31:04; Last occurrence 10323:31:04	1942	N/A	1
Inactive	8.9L ISL	Aftertreatment 1 Intake NOx Sensor - Abnormal Update Rate. No communication or an invalid data transfer rate has been detected on the J1939 data link between the ECM and the aftertreatment intake NOx sensor. - First occurrence 11108:30:53; Last occurrence 11108:30:53	3232	N/A	1
Inactive	8.9L ISL	Exhaust Gas Recirculation Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source. High signal voltage detected at EGR temperature circuit. - First occurrence 11108:29:15; Last occurrence 11108:29:15	2375	N/A	1
Inactive	8.9L ISL	Turbocharger 1 Compressor Intake Temperature Sensor Circuit - Voltage Above Normal or Shorted to High Source. High signal voltage detected at the turbocharger compressor intake air temperature circuit. - First occurrence 11108:30:28; Last occurrence 11108:30:28	691	N/A	1
Inactive	8.9L ISL	Barometric Pressure Sensor Circuit - Voltage Below Normal or Shorted to Low Source. Low signal voltage detected at barometric pressure circuit. - First occurrence 11108:30:29; Last occurrence 11108:30:29	222	N/A	1
Inactive	8.9L ISL	Power Supply Lost With Ignition On - Data Erratic, Intermittent, or Incorrect. Supply voltage to the ECM fell below a calibrated limit momentarily, or the ECM was not allowed to power down correctly. - First occurrence 11109:04:50; Last occurrence 11109:36:00	1117	N/A	2
Inactive	8.9L ISL	Aftertreatment 1 Diesel Exhaust Fluid Dosing System Frozen - Condition Exists. The ECM has detected conditions which indicate the Diesel Exhaust Fluid Dosing System is frozen. - First occurrence 10908:47:33; Last occurrence 11110:23:34	5278	N/A	57
Inactive	EC-60 Standard ABS	Miscellaneous- PMV Common Shorted to Ground (SPN 802 FMI 4)	12-7	N/A	4
Inactive	Transmission	TCM Power Input Signal	P0880	N/A	N/A



EVERY TRUCK. EVERY TIME.™

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Inactive	CECU3	Sensor Supply Voltage 2, Condition Exists -OR- CECU Power Input Reference Range Exceeded (Input 2)	351031	N/A	126
Inactive	CECU3	Sensor Supply Voltage 1, Condition Exists -OR- CECU Power Input Reference Range Exceeded (Input 1)	350931	N/A	126
Inactive	CECU3	Total Engine PTO Fuel Used Message missing	102809	N/A	1
Inactive	CECU3	Total Power Takeoff Hours message missing	24809	N/A	1
Inactive	EC-60 Standard ABS	Undocumented Fault - Contact Manufacturer for 49-0 details (SPN 802 FMI 4)	49-0	N/A	N/A

#291

Selected	Description	Parameter Value	Units	Component	Network Speed
<input type="checkbox"/>	PTO Governor State	Off/Disabled		8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Additional Switch Speed	1500	rpm	8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Set Switch Speed	2000	rpm	8.9L ISL	J1939 (High)
<input type="checkbox"/>	Engine Remote PTO Governor P...	Off		8.9L ISL	J1939 (High)
<input type="checkbox"/>	Engine PTO Governor Set Switch	Not Available		8.9L ISL	J1939 (High)
<input type="checkbox"/>	DPF Active Regeneration Inhibi...	Not inhibited		8.9L ISL	J1939 (High)
<input checked="" type="checkbox"/>	Total PTO Hours	1,993.90	hrs	8.9L ISL	J1939 (High)
<input type="checkbox"/>	Total Engine PTO Governor Fue...	3,925.88	gal	8.9L ISL	J1939 (High)
<input type="checkbox"/>	Trip PTO Governor Moving Fuel ...	41.48	gal	8.9L ISL	J1939 (High)
<input type="checkbox"/>	Trip PTO Governor Non-moving ...	3,925.46	gal	8.9L ISL	J1939 (High)
<input type="checkbox"/>	Aftertreatment - Active Regen...	Disable		8.9L ISL	J1939 (High)
<input type="checkbox"/>	Fast Idle Warmup - PTO Load T...	10.00	%	8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO	Enable		8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Maximum Engine Load	995.94	ft-lb	8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Maximum Speed	1400	rpm	8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Maximum Vehicle Speed	5.97	mph	8.9L ISL	J1939 (High)
<input type="checkbox"/>	PTO - Minimum Speed	700	rpm	8.9L ISL	J1939 (High)