

Cat Electronic Technician 2020C v1.0

Product Status Report

7/05/2022 2:35 PM

Product Status Report

Parameter	Value
Product ID	KDP01488
Equipment ID	KDP01488
Comments	

Product Link Elite (KDP01488) ****INCOMPLETE****

Parameter	Value
Product ID	KDP01488
Machine Serial Number	
Equipment ID	KDP01488
ECM Part Number	4590786-02
ECM Serial Number	0649F330TR
Software Group Part Number	5836413-00
Software Group Release Date	May2019
Software Group Description	VIMS_TELEMATICS_2019_05_31
Application Software Part Number	5624324-00
Cellular Device ECM Serial Number	NA
Cellular Device ECM Hardware Part Number	NA
Cellular Radio Module Software Part Number	NA
Satellite Device ECM Serial Number	NA
Satellite Device ECM Hardware Part Number	NA
Satellite Radio Module Software Part Number	NA

Logged Diagnostic Codes [Diagnostic Clock = 9787 hours] - Product Link Elite (KDP01488)

****INCOMPLETE****

Code	Description	Occ.	First	Last
4255- 9	Telemetry Data Link #2 : Abnormal Update Rate	63	9296	9770

Logged Event Codes [Diagnostic Clock = 9787 hours] - Product Link Elite (KDP01488)

****INCOMPLETE****

Code	Description	Occ.	First	Last
E2126 (1)	Payload Overload Limit Exceeded	4	9343	9622

Active Diagnostic Codes - Product Link Elite (KDP01488) ****INCOMPLETE****

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link Elite (KDP01488) **INCOMPLETE**

Code	Description
No Active Event Codes	

Current Totals - Product Link Elite (KDP01488) **INCOMPLETE**

Description	Value	Unit
Total Operating Hours	9788	hours
Total Distance	69125.20	km

Configuration - Product Link Elite (KDP01488) **INCOMPLETE**

Description	Value	Unit
Product ID	KDP01488	
Equipment ID	KDP01488	
External Service Lamp Installation Configuration	Installed	
External Service Lamp Display Mode Setting	No Snapshot Notice	
Telemetry Port Selection	Disabled	
TMAC Protocol Port Selection	Disabled	
Tire Monitoring System Installation Status	Unavailable	
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number		
Maintenance Mode	Off	
Machine Payload Control System Installation Status	Installed	
Target Payload	108.0	tonne
Payload Overload Limit	120.0	%
Green TPMS Lamp Installation Configuration	LED	
Red TPMS Lamp Installation Configuration	LED	
Truck Payload Last Pass Indicator Enable Status	Enabled	
External Payload Indicator Configuration	Count Up - Short Message	
OHT Payload Re-weigh	Second Gear	
Front Axle Strut Pressure to Payload Weight Ratio Configuration	5100	
Road Analysis System Installation Status	Not Installed	
Tire Analysis System Installation Status	Not Installed	
Tire Analysis System Temporary Installation Status	Not Installed	
Tire Analysis System Temporary Installation Time Remaining	15000	min
Security System Machine Normal Operation Restore	Unavailable	
Security System Tamper Resistant Configuration	Unavailable	

Indication Display

Parameter	Value
-----------	-------

ECM Part Number	4690894-03
ECM Serial Number	0709D019DT
Software Group Part Number	5523605-00
Software Group Release Date	NOV2017
Software Group Description	Indication Display

Chassis 777E (KDP01488)

Parameter	Value
Product ID	KDP01488
Equipment ID	KDP01488
Transmission Serial Number	JJS01788
ECM Part Number	3045687-03
ECM Serial Number	04097334MS
Software Group Part Number	5624323-00
Software Group Release Date	APR2018
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 9787 hours] - Chassis 777E (KDP01488)

Code	Description	Occ.	First	Last
3797- 2	Operator Seat Belt Switch : Erratic, Intermittent, or Incorrect	7	9765	9765
585- 8	Transmission Output Speed Sensor #1 : Abnormal Frequency, Pulse Width, or Period	7	9409	9703
673- 8	Transmission Output Speed Sensor #2 : Abnormal Frequency, Pulse Width, or Period	1	9703	9703

Logged Event Codes [Diagnostic Clock = 9787 hours] - Chassis 777E (KDP01488)

Code	Description	Occ.	First	Last
E289 (2)	Low System Air Pressure	127	7568	9787
E542 (3)	Low Steering Pump Pressure	23	7606	9677
E627 (2)	Parking Brake Applied with Machine in Motion	14	7668	9254

Active Diagnostic Codes - Chassis 777E (KDP01488)

Code	Description
3797- 2	Operator Seat Belt Switch : Erratic, Intermittent, or Incorrect

Active Event Codes - Chassis 777E (KDP01488)

Code	Description
E289 (1)	Low System Air Pressure

Current Totals - Chassis 777E (KDP01488)

Description	Value	Unit
Total Operating Hours	9788	hours
Total Distance	69125.20	km

Configuration - Chassis 777E (KDP01488)

Description	Value	Unit
Equipment ID	KDP01488	
Product ID	KDP01488	

Transmission Serial Number	JJS01788	
Transmission Maximum Forward Gear	7	
Body Up Gear Limit	1	
Machine Overload Speed Limit Enable Status	Off	
Loaded Machine Speed Limit	0.0	km/h
Machine Speed Limit	0	km/h
Machine Speed Correction Factor	0.0000	%
Throttle Lock Enable Gear Limit	7	
Sound Reduction Engine Speed Limit Enable Status	Enabled	
Hoist System Enable Status	Enabled	
Hoist Lower Valve Adjustment Status	0	
Auto Lube System Installation Status	Not Installed	
Auto Lube Interval	Unavailable	min
Auto Lube Duration	Unavailable	sec
Operator Seat Belt Monitor Installation Status	Installed	
Heated Side Rear View Mirrors Installation Status	Not Installed	
Ambient Air Temperature Sensor Installation Status	Installed	
Forced Fuel Economy Mode Configuration	Not Forced	
Total Tattletale	0	
Park Brake Status	Disabled or Not Installed	%
Remain HeatTime	0	sec
HeatedMir status	Off	
Heated Mirr sw	Not Depressed	
VIMS Main Install	Installed	

Lifetime:Time vs Actual Gear - Chassis 777E (KDP01488)

Actual Gear()	hours	%
1R	501.55	4.70
2R	0.00	0.00
1R L	0.00	0.00
2R L	0.00	0.00
Neutral	5090.50	47.72
1F	931.40	8.73
2F	0.05	0.00
3F	0.00	0.00
4F	0.00	0.00
5F	0.00	0.00
6F	0.00	0.00
7F	0.00	0.00
1F L	745.30	6.99
2F L	1172.35	10.99
3F L	1139.50	10.68
4F L	718.80	6.74
5F L	312.75	2.93

6F L	52.45	0.49
7F L	3.15	0.03

Transmission Filter Bypass Count vs Transmission Oil Temperature - Chassis 777E (KDP01488)

Transmission Oil Temperature(Deg C)	Count	%
<(-10.0)	0	0.00
(-10.0)-(-0.1)	0	0.00
0.0-9.9	0	0.00
10.0-19.9	0	0.00
20.0-29.9	0	0.00
30.0-39.9	0	0.00
40.0-50.0	0	0.00
>50.0	0	0.00

Transmission Filter Bypass Time vs Transmission Oil Temperature - Chassis 777E (KDP01488)

Transmission Oil Temperature(Deg C)	hours	%
<(-10.0)	0.00	0.00
(-10.0)-(-0.1)	0.00	0.00
0.0-9.9	0.00	0.00
10.0-19.9	0.00	0.00
20.0-29.9	0.00	0.00
30.0-39.9	0.00	0.00
40.0-50.0	0.00	0.00
>50.0	0.00	0.00

Lifetime:Time vs Torque Converter Outlet Temperature And Transmission Oil Temperature - Chassis 777E (KDP01488)

Deg C	<50	50-69	70-89	90-99	100-109	110-119	120-129	130-139	140-150
Deg C									
<(-10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(-10)-39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40-59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60-69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70-79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80-89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90-99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100-109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110-120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Lifetime:Time vs Torque Converter Outlet Temperature And Transmission Oil Temperature - Chassis 777E (KDP01488)

Deg C	>150	Total
Deg C		
<(-10)	0.00	0.00

(-10)-39	0.00	0.00
40-59	0.00	0.00
60-69	0.00	0.00
70-79	0.00	0.00
80-89	0.00	0.00
90-99	0.00	0.00
100-109	0.00	0.00
110-120	0.00	0.00
>120	0.00	0.00
Total	0.00	0.00

Shift Count Matrix - Chassis 777E (KDP01488)

To	N	R	1	2	3	4	5	6	7
From									
N	---	25042	93150	8	4	4	0	0	2
R	68074	---	17498	0	0	0	0	0	0
1	50041	60540	---	132267	81	5	0	0	0
2	13	0	128471	---	165819	12	0	0	0
3	2	0	3282	160592	---	125675	12	0	0
4	1	0	493	1408	123550	---	64432	0	0
5	0	0	99	40	107	64175	---	14242	0
6	0	0	6	0	2	13	14219	---	1147
7	3	0	1	0	0	0	0	1145	---

Counters - Chassis 777E (KDP01488)

Description	Value
Lockup Clutch Count	153511
Load Count	27861
Total Load Count	27861

Monitor 777E (KDP01488)

Parameter	Value
Product ID	KDP01488
Equipment ID	KDP01488
ECM Part Number	2848905-03
ECM Serial Number	0089B276HX
Software Group Part Number	5624698-00
Software Group Release Date	APR18
Software Group Description	SOHT 777E Retrofit

Logged Diagnostic Codes [Diagnostic Clock = 9787 hours] - Monitor 777E (KDP01488)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9787 hours] - Monitor 777E (KDP01488)

Code	Description	Occ.	First	Last
------	-------------	------	-------	------

No Logged Event Codes				
-----------------------	--	--	--	--

Active Diagnostic Codes - Monitor 777E (KDP01488)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor 777E (KDP01488)

Code	Description
No Active Event Codes	

Configuration - Monitor 777E (KDP01488)

Description	Value	Unit
Equipment ID	KDP01488	
Product ID	KDP01488	
Information Units Status	Metric	
Display Language Status	English	
Service Mode Enable Code	0	

C32 777 (DLT01606)

Parameter	Value
Equipment ID	KDP01488
Engine Serial Number	DLT01606
ECM Part Number	4787926-01
ECM Serial Number	05597633JV
Software Group Part Number	5983149-00
Software Group Release Date	MAR20
Software Group Description	OHT-777
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 9787 hours] - C32 777 (DLT01606)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9787 hours] - C32 777 (DLT01606)

Code	Description	Occ.	First	Last
E321 (2)	High Right Exhaust Temperature	4	7765	7765
E321 (3)	High Right Exhaust Temperature	4	7765	7765
E776 (2)	High Right Exhaust #2 Temperature	3	7765	7765
E776 (3)	High Right Exhaust #2 Temperature	4	7765	7765
E1217 (2)	Delayed Engine Shutdown Override	1	9466	9466

Active Diagnostic Codes - C32 777 (DLT01606)

Code	Description
------	-------------

No Active Diagnostic Codes	
----------------------------	--

Active Event Codes - C32 777 (DLT01606)

Code	Description
No Active Event Codes	

Current Totals - C32 777 (DLT01606)

Description	Value	Unit
Total Idle Time	4388:26	hours
Total Fuel	399039	L
Total Idle Fuel	34767	L
Total Max Fuel	1838298	L
Total Operating Hours	9788	hours
Engine Starts	5624	
Lifetime Total Engine Revolutions	653701184	rev
Total Engine Idle Shutdown Count	111	
Total Engine Idle Shutdown Overrides Count	6071	
Total Delayed Engine Shutdown Count	6586	
Total Delayed Engine Shutdown Overrides Count	13	
Average RPM	1113.21	rpm
Percentage Idle Time	44.83	%
Average Fuel Rate	40.77	L/h
Overall Load Factor	21	%

Configuration - C32 777 (DLT01606)

Description	Value	Unit
Equipment ID	KDP01488	
Engine Serial Number	DLT01606	
ECM Part Number	4787926-01	
ECM Serial Number	05597633JV	
Software Group Part Number	5983149-00	
Software Group Release Date	MAR20	
Software Group Description	OHT-777	
Ether Solenoid Configuration	Continuous Flow Solenoid	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
Engine Idle Shutdown Enable Status	Enabled	
Engine Idle Shutdown Delay Time	15.0	min
Delayed Engine Shutdown Enable Status	Enabled	
Delayed Engine Shutdown Maximum Time	5.0	min
Engine Coolant Dual Pressure Sensors Installation Status	Unavailable	
FLS	42	

FTS	-34	
Total Tattletale	6611	

Lifetime: Time vs Engine Coolant Temperature - C32 777 (DLT01606)

Engine Coolant Temperature(Deg C)	hours	%
<50.0	30.50	0.31
50.0-54.0	15.55	0.16
55.0-59.0	21.15	0.22
60.0-64.0	26.65	0.27
65.0-69.0	40.20	0.41
70.0-74.0	83.25	0.85
75.0-79.0	1880.25	19.28
80.0-84.0	7603.20	77.98
85.0-89.0	49.75	0.51
90.0-94.0	0.10	0.00
95.0-99.0	0.20	0.00
100.0-104.0	0.00	0.00
105.0-109.0	0.00	0.00
110.0-114.0	0.00	0.00
115.0-119.0	0.00	0.00
>120.0	0.00	0.00

Lifetime: Time vs Inlet Air Temperature - C32 777 (DLT01606)

Inlet Air Temperature(Deg C)	hours	%
<40.0	484.95	43.53
40.0-44.0	240.80	21.62
45.0-49.0	207.10	18.59
50.0-54.0	115.05	10.33
55.0-59.0	54.30	4.87
60.0-64.0	11.40	1.02
65.0-69.0	0.05	0.00
70.0-74.0	0.10	0.01
75.0-79.0	0.10	0.01
80.0-84.0	0.05	0.00
85.0-89.0	0.10	0.01
90.0-94.0	0.00	0.00
95.0-99.0	0.00	0.00
>100.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C32 777 (DLT01606)

Boost Pressure(kPa)	hours	%
<80.0	5.65	0.51
80.0-89.0	5.50	0.49
90.0-99.0	8.25	0.74
100.0-109.0	12.25	1.10
110.0-119.0	19.10	1.71
120.0-129.0	30.35	2.72

Lifetime: Total Occurrences vs Engine Speed And Boost Pressure - C32 777 (DLT01606)

rpm	<1900	1900-2099	2100-2299	2300-2499	2500-2699	2700-2899	>2900	Total
kPa								
<50.0	0	0	0	0	0	0	0	0
50.0-79.9	0	0	0	0	0	0	0	0
80.0-109.9	0	0	0	0	0	0	0	0
110.0-139.9	0	0	0	0	0	0	0	0
140.0-169.9	0	0	0	0	0	0	0	0
170.0-199.9	0	0	0	0	0	0	0	0
>200.0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Injector Trim Calibration - C32 777 (DLT01606)

Injector	Serial Number	File Version
Injector1	000000005A5378240292	0
Injector2	000000005A53782466F0	0
Injector3	000000005A53782425AD	0
Injector4	000000005A53782475EC	0
Injector5	000000005A53782456CF	0
Injector6	000000005A53782441CF	0
Injector7	000000005A53782454C1	0
Injector8	000000005A53782469DD	0
Injector9	000000005A53782468DA	0
Injector10	000000005A53782463EB	0
Injector11	000000005A53782479C8	0
Injector12	000000005A53782430A3	0

Monitoring System - C32 777 (DLT01606)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2600 rpm	0 sec
Moderate Severity (2)	Always On	2800 rpm	0 sec
High Air Filter Restriction Pressure			
Least Severe (1)	Always On	7.5 kPa	30 sec
Moderate Severity (2)	Always On	9.0 kPa	30 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	110 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	10 sec
High Engine Inlet #2 Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec

High Engine Inlet Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
High Fuel Pressure			
Least Severe (1)	Always On	880.0 kPa	8 sec
High Fuel Temperature			
Least Severe (1)	Always On	90.0 Deg C	30 sec
Moderate Severity (2)	Always On	91.0 Deg C	10 sec
High Left Exhaust #2 Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Left Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Right Exhaust #2 Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
High Right Exhaust Temperature			
Moderate Severity (2)	Always On	760 Deg C	5 sec
Most Severe (3)	Always On	780 Deg C	5 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Always On	None	4 sec

Brake 777E (KDP01488)

Parameter	Value
Equipment ID	KDP01488
ECM Part Number	3045687-03
ECM Serial Number	03698111MS
Software Group Part Number	5503230-00
Software Group Release Date	OCT2017
Software Group Description	Optimus 777E (KDP200-up)

Logged Diagnostic Codes [Diagnostic Clock = 9787 hours] - Brake 777E (KDP01488)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9787 hours] - Brake 777E (KDP01488)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Brake 777E (KDP01488)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Brake 777E (KDP01488)

Code	Description
No Active Event Codes	

Configuration - Brake 777E (KDP01488)

Description	Value	Unit
Product ID	KDP01488	
Equipment ID	KDP01488	
Desired Engine Retard Speed	1938	rpm
Auto Retarder Control System Installation Status	Installed	
Traction Control System Installation Status	Not Installed	
Automatic Traction Control Enable Status	Disabled	
Oil Cooled Front Brake Installation Status	Not Installed	
Total Tattletale	1	

Counters - Brake 777E (KDP01488)

Description	Value
Retarder Control Valve Cycles	1733000
Retarder Supply Valve Cycles	19650