

Cat Electronic Technician 2019C v1.0

Product Status Report

8/26/2024 4:49 AM

Product Status Report

Parameter	Value
Product ID	B1P06097
Equipment ID	B1P06097
Comments	

Product Link (B1P06097)

Parameter	Value
Machine Serial Number	B1P06097
Dealer Identification Code	L030
DBS Machine Make Code	AA
ECM Serial Number	3060B288LQ
Wireless Transmission Device Serial Number	DQCAT0066290
Software Group Part Number	5324250-00
Software Group Release Date	FEB2017
Software Group Description	PL300-2016C-PROD-1.0

Logged Diagnostic Codes [Diagnostic Clock = 9670 hours] - Product Link (B1P06097)

Code	Description	Occ.	First	Last
1250- 9	Remote Communication Module : Abnormal Update Rate	6	7903	9606

Logged Event Codes [Diagnostic Clock = 9670 hours] - Product Link (B1P06097)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link (B1P06097)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link (B1P06097)

Code	Description
No Active Event Codes	

Configuration - Product Link (B1P06097)

Description	Value	Unit
Maintenance Mode	Off	

Machine Serial Number	B1P06097	
DBS Machine Make Code	AA	
Dealer Identification Code	L030	
Registration E-Mail Address Username	SEBASTIEN.DELAIE	
Registration E-Mail Address Domain	B-M.FR	
Event/Diagnostic Report Interval (SMU)	4	hours
Event/Diagnostic Message Interval (RT)	24	hours
Report Start Time	6/18/2012 2:00 PM	
Warning Level 3 Report Configuration	Report at Next Scheduled	
Warning Level 2 Report Configuration	Report at Next Scheduled	
Warning Level 1 Report Configuration	Report at Next Scheduled	
Diagnostic Report Configuration	Report at Next Scheduled	
Operating Hours Report Configuration	On	
Number of Daily Machine Location Messages Configuration	1	
Position Report Minimum Location Change	0	feet
Fuel Consumed Report Configuration	On	
Global Gram Enable Status	Disabled	
GPS Fix Validity Time Duration	60.0	min
Preferred Wireless Service Configuration	Satellite Premium #2	
Digital Sensor Input #1 Type Configuration	Not Installed	
Digital Input #1 Monitoring Condition	All Conditions	
Digital Sensor Input #1 Description	DIGITAL INPUT 1	
Digital Sensor Input #1 Delay Time	30.0	sec
Digital Sensor Input #2 Type Configuration	Not Installed	
Digital Input #2 Monitoring Condition	All Conditions	
Digital Sensor Input #2 Description	DIGITAL INPUT 2	
Digital Sensor Input #2 Delay Time	30.0	sec
Digital Sensor Input #3 Type Configuration	Not Installed	
Digital Input #3 Monitoring Condition	All Conditions	
Digital Sensor Input #3 Description	DIGITAL INPUT 3	
Digital Sensor Input #3 Delay Time	30.0	sec
Digital Sensor Input #4 Type Configuration	Not Installed	
Digital Input #4 Monitoring Condition	All Conditions	
Digital Sensor Input #4 Description	DIGITAL INPUT 4	
Digital Sensor Input #4 Delay Time	30.0	sec
Embedded Communication Adapter Installation Status	Not Installed	

Monitor OHT (B1P06097)

Parameter	Value
Equipment ID	B1P06097
ECM Part Number	2395025-11
ECM Serial Number	2850B052HL
Software Group Part Number	3382686-00
Software Group Release Date	JAN09
Software Group Description	AT Messenger

Logged Diagnostic Codes [Diagnostic Clock = 9670 hours] - Monitor OHT (B1P06097)

Code	Description	Occ.	First	Last
590- 9	Engine Control Module : Abnormal Update Rate	1	9668	9668

Logged Event Codes [Diagnostic Clock = 9670 hours] - Monitor OHT (B1P06097)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Monitor OHT (B1P06097)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor OHT (B1P06097)

Code	Description
No Active Event Codes	

Configuration - Monitor OHT (B1P06097)

Description	Value	Unit
Equipment ID	B1P06097	
Product ID	B1P06097	
Service Mode Enable Code	0	

Transmission 740 (MRF07604)

Parameter	Value
Product ID	B1P06097
Equipment ID	B1P06097
ECM Part Number	3045687-02
ECM Serial Number	25906148MS
Software Group Part Number	4485324-00
Software Group Release Date	OCT2014
Software Group Description	740 (B1P00622 up)

Logged Diagnostic Codes [Diagnostic Clock = 9670 hours] - Transmission 740 (MRF07604)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9670 hours] - Transmission 740 (MRF07604)

Code	Description	Occ.	First	Last
E047 (1)	Transmission Abuse Warning	127	7403	9662
E106 (2)	High Front Brake Oil Temperature	5	7606	8372
E107 (2)	High Rear Brake Oil Temperature	4	7606	8372
E108 (2)	Machine Upshift to Prevent Engine Overspeed	5	7577	9240
E327 (3)	Low Output Transfer Gear Pressure	3	7755	7756
E542 (3)	Low Steering Pump Pressure	3	8018	9069

E556 (3)	Low Brake Pump Pressure	3	7900	9041
E627 (1)	Parking Brake Applied with Machine in Motion	5	7417	9299

Active Diagnostic Codes - Transmission 740 (MRF07604)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Transmission 740 (MRF07604)

Code	Description
E764 (1)	Trip Data Memory Full

Current Totals - Transmission 740 (MRF07604)

Description	Value	Unit
Total Operating Hours	9671	hours
Machine Working Distance	56591.5	Miles
Machine Idle Time	2966.15	hours
Machine Working Hours	8311	hours
Machine Working Total Fuel	78708.500	gal
Load Count	51315	
Total Forward Distance	61835.74	Miles
Total Reverse Distance	1925.13	Miles
Total Distance	63753.66	Miles

Configuration - Transmission 740 (MRF07604)

Description	Value	Unit
Equipment ID	B1P06097	
Product ID	B1P06097	
Transmission Serial Number	MRF07604	
Transmission Maximum Forward Gear	7	
Body Float Gear Limit	1	
Body Up Sensor Installation Status	Installed	
Body Up Gear Limit	1	
Top Drive Gear Select Enable Status	Enabled	
Transmission Hold Enable Status	Enabled	
Hoist System Enable Status	Enabled	
Hoist Lower Valve Adjustment Status	0	
High Pressure Hydraulic Oil Filter Switch Config	Not Installed	
Steering Filter Bypass Warning System Installation Status	Not Installed	
Information Units Status	Metric	
Auto Lube System Installation Status	Not Installed	
Cycle Counter Feature Installation Status	Installed	
Load Dump Departure Minimum Ground Speed Configuration	3	mph
Ambient Air Temperature Operating Condition Configuration	Normal	
Transmission Configuration Code	0	

Operator #1 Name	@	
Operator #2 Name		
Operator #3 Name		
Operator #4 Name	aH	
Operator #5 Name		
Operator #6 Name	J	
Operator #7 Name	@	
Operator #8 Name	@	
Operator #9 Name	B	
Operator #10 Name	MOUS	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	3	

Shift Count Matrix [Transmission Shift Counts Start Time = 3 hours] - Transmission 740 (MRF07604)

To	N	R	1	2	3	4	5	6	7
From									
N	---	43227	135762	44	6	7	2	2	0
R	121464	---	14937	0	0	0	0	0	0
1	49724	90336	---	202967	2567	40	1	0	0
2	4829	3856	178973	---	224997	1036	5	0	0
3	1126	671	11195	199324	---	229680	367	4	0
4	157	168	3874	11143	213157	---	195900	239	0
5	6	11	484	170	1500	193018	---	144848	92
6	1	1	207	32	111	802	143682	---	78019
7	0	1	78	13	29	55	173	77762	---

Counters - Transmission 740 (MRF07604)

Description	Value
Lockup Clutch Count	2195676
Differential Lock Kickout Occurrences	648
Differential Lock Switch Cycles	21454
Interaxle Differential Lock Solenoid Cycles	21454
Front Cross Axle Lock Solenoid Cycles	6664
Top Drive Gear Switch Cycles	5336
Transmission Hold Override Occurrences	105747
Transmission Hold Switch Cycles	84147
Service Brake Pressure Switch Cycles	443210
Parking Brake Pressure Switch Cycles	Abnormal/Incorrect Data
Parking Brake Solenoid Cycles	88054
Starter Relay Cycles	4669

C15 740 (LHX28655)

Parameter	Value
Product ID	B1P06097
Equipment ID	B1P06097
Engine Serial Number	LHX28655

ECM Part Number	2622878-01
ECM Serial Number	27906041JL
Software Group Part Number	3363521-00
Software Group Release Date	FEB09
Software Group Description	AT-740
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 9670 hours] - C15 740 (LHX28655)

Code	Description	Occ.	First	Last
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period	2	9652	9665

Logged Event Codes [Diagnostic Clock = 9670 hours] - C15 740 (LHX28655)

Code	Description	Occ.	First	Last
E362 (1)	Engine Overspeed	1	9606	9606
E362 (2)	Engine Overspeed	1	9606	9606

Active Diagnostic Codes - C15 740 (LHX28655)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C15 740 (LHX28655)

Code	Description
No Active Event Codes	

Current Totals - C15 740 (LHX28655)

Description	Value	Unit
Total Fuel	87487	gal
Ether Usage	Unavailable	gal
Total Idle Time	3836:24	hours
Total Idle Fuel	10435	gal
Total Max Fuel	228077	gal
Total Operating Hours	9671	hours
Engine Starts	4187	
Lifetime Total Engine Revolutions	703957228	rev
Starts/Hour	0.43	
Average RPM	1213.30	rpm
Percentage Idle Time	39.67	%
Average Fuel Rate	9.05	gal/h
Overall Load Factor	38	%

Configuration - C15 740 (LHX28655)

Description	Value	Unit
Product ID	B1P06097	
Equipment ID	B1P06097	
Engine Serial Number	LHX28655	

ECM Part Number	2622878-01	
ECM Serial Number	27906041JL	
Software Group Part Number	3363521-00	
Software Group Release Date	FEB09	
Software Group Description	AT-740	
Engine Fan Control	On	
Ether Solenoid Configuration	Not Installed	
Engine Warm Up Elevated Idle Feature Enable Status	Disabled	
Engine Warm Up Elevated Idle Delay Time	5.0	min
PTO Engine Speed Setting	1500	rpm
Security System Immobilizer Installation Status	Disabled or Not Installed	
Engine Governor Primary Mode Configuration	Speed Control	
FLS	-23	
FTS	14	
Total Tattletale	1	

Lifetime: Time vs Engine Coolant Temperature - C15 740 (LHX28655)

Engine Coolant Temperature(Deg F)	hours	%
<122.0	477.45	4.97
122.0-130.0	127.00	1.32
131.0-139.0	136.70	1.42
140.0-148.0	262.35	2.73
149.0-157.0	538.70	5.60
158.0-166.0	826.65	8.60
167.0-175.0	2125.65	22.11
176.0-184.0	2571.90	26.75
185.0-193.0	2230.75	23.20
194.0-202.0	317.00	3.30
203.0-211.0	0.40	0.00
212.0-220.0	0.00	0.00
221.0-229.0	0.00	0.00
230.0-238.0	0.00	0.00
239.0-247.0	0.00	0.00
>248.0	0.00	0.00

Lifetime: Time vs Inlet Air Temperature - C15 740 (LHX28655)

Inlet Air Temperature(Deg F)	hours	%
<104.0	1184.35	75.84
104.0-112.0	250.85	16.06
113.0-121.0	100.00	6.40
122.0-130.0	24.15	1.55
131.0-139.0	2.30	0.15
140.0-148.0	0.05	0.00
149.0-157.0	0.00	0.00
158.0-166.0	0.00	0.00

167.0-175.0	0.00	0.00
176.0-184.0	0.00	0.00
185.0-193.0	0.00	0.00
194.0-202.0	0.00	0.00
203.0-211.0	0.00	0.00
>212.0	0.00	0.00

Lifetime: Time vs Boost Pressure - C15 740 (LHX28655)

Boost Pressure(psi)	hours	%
<11.6	243.30	15.58
11.6-12.1	141.45	9.06
13.1-13.5	109.45	7.01
14.5-15.0	47.40	3.04
16.0-16.4	51.10	3.27
17.4-17.9	122.35	7.83
18.9-19.3	303.75	19.45
20.3-20.8	413.85	26.50
21.8-22.2	122.35	7.83
23.2-23.7	6.65	0.43
24.7-25.1	0.05	0.00
26.1-26.6	0.00	0.00
27.6-28.0	0.00	0.00
>29.0	0.00	0.00

Lifetime: Time vs Engine Speed And Engine Load Factor - C15 740 (LHX28655)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50.0	2333.25	402.45	716.00	559.55	187.15	45.25	9.55	0.40	4253.60
50.0-59.9	16.40	36.30	97.75	85.65	31.05	15.15	3.80	0.00	286.10
60.0-69.9	12.20	55.10	115.55	89.95	30.00	17.05	10.45	0.00	330.30
70.0-79.9	9.60	30.50	82.95	89.80	31.00	16.00	10.50	0.00	270.35
80.0-89.9	8.55	126.85	177.95	86.65	33.35	19.45	12.90	0.00	465.70
>90.0	15.55	120.85	417.80	532.75	364.15	152.10	38.70	0.00	1641.90
Total	2395.55	772.05	1608.00	1444.35	676.70	265.00	85.90	0.40	7247.95

Lifetime: Total Occurrences vs Engine Speed - C15 740 (LHX28655)

Engine Speed(rpm)		%
<2500.0	0.00	0.00
2500.0-2599.0	121.00	78.57
2600.0-2699.0	23.00	14.94
2700.0-2799.0	9.00	5.84
2800.0-2899.0	1.00	0.65
2900.0-2999.0	0.00	0.00
3000.0-3099.0	0.00	0.00

3100.0-3199.0	0.00	0.00
3200.0-3299.0	0.00	0.00
>3300.0	0.00	0.00

Lifetime: Total Occurrences vs Engine Speed And Engine Retarder Status - C15 740 (LHX28655)

rpm	<1000	1000-1299	1300-1599	1600-1899	1900-2199	2200-2499	2500-2799	>2800	Total
Engine Retarder Status									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-3.9	27748.00	41879.00	88540.00	61050.00	7260.00	243.00	9.00	0.00	226729.00
>4.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	27748.00	41879.00	88540.00	61050.00	7260.00	243.00	9.00	0.00	226729.00

Lifetime: Time vs Engine Speed And Boost Pressure - C15 740 (LHX28655)

rpm	<1900	1900-2099	2100-2299	2300-2499	2500-2699	2700-2899	>2900	Total
psi								
<7.3	81.75	2.90	0.40	0.05	0.00	0.00	0.00	85.10
7.3-11.5	35.30	1.85	0.45	0.05	0.00	0.00	0.00	37.65
11.6-15.9	16.55	3.15	0.35	0.05	0.00	0.00	0.00	20.10
16.0-20.2	1.75	1.65	0.35	0.00	0.00	0.00	0.00	3.75
20.3-24.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24.7-28.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	135.35	9.55	1.55	0.15	0.00	0.00	0.00	146.60

Injector Trim Calibration - C15 740 (LHX28655)

Injector	Serial Number	File Version
Injector1	000000005A5207831726	0
Injector2	00000000A55230502527	0
Injector3	000000005A520783133A	0
Injector4	000000005A520783180B	0
Injector5	000000005A520782732F	0
Injector6	000000005A52078283EC	0

Monitoring System - C15 740 (LHX28655)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2550 rpm	0 sec
Moderate Severity (2)	Always On	2600 rpm	0 sec
High Air Filter Restriction Pressure			
Least Severe (1)	Always On	30.1 " H2O	30 sec
Moderate Severity (2)	Always On	36.1 " H2O	30 sec
High Engine Coolant Temperature			

Least Severe (1)	Always On	230 Deg F	10 sec
Moderate Severity (2)	Always On	232 Deg F	10 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	Always On	179.6 Deg F	8 sec
Moderate Severity (2)	Always On	186.8 Deg F	8 sec
<u>High Fuel Filter Pressure Restriction</u>			
Least Severe (1)	Always On	None	3600 sec
Moderate Severity (2)	Always On	None	14400 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	Always On	109.9 psi	8 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	Always On	194.0 Deg F	30 sec
Moderate Severity (2)	Always On	195.8 Deg F	10 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Always On	None	4 sec