

Cat Electronic Technician 2019C v1.0

Product Status Report

17-3-2021 07:45

Product Status Report

Parameter	Value
Product ID	B1N00789
Equipment ID	AT CFG
Comments	

Transmission 735 (JMC01387)

Parameter	Value
Product ID	B1N00789
Equipment ID	B1N00789
ECM Part Number	2621408-01
ECM Serial Number	27766848JT
Software Group Part Number	4485324-00
Software Group Release Date	OCT2014
Software Group Description	735(B1N00321-up)

Logged Diagnostic Codes [Diagnostic Clock = 11728 hours] - Transmission 735 (JMC01387)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 11728 hours] - Transmission 735 (JMC01387)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Transmission 735 (JMC01387)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Transmission 735 (JMC01387)

Code	Description
E764 (1)	Trip Data Memory Full

Current Totals - Transmission 735 (JMC01387)

Description	Value	Unit
Total Operating Hours	11729	hours
Machine Working Distance	88708,5	km

Machine Idle Time	4331,40	hours
Machine Working Hours	9857	hours
Machine Working Total Fuel	275211,269	L
Load Count	68098	
Total Forward Distance	98361,10	km
Total Reverse Distance	3951,70	km
Total Distance	102310,60	km

Configuration - Transmission 735 (JMC01387)

Description	Value	Unit
Equipment ID	B1N00789	
Product ID	B1N00789	
Transmission Serial Number	JMC01387	
Transmission Maximum Forward Gear	8	
Body Float Gear Limit	1	
Body Up Sensor Installation Status	Not 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	5	km/h
Ambient Air Temperature Operating Condition Configuration	Normal	
Transmission Configuration Code	0	
Operator #1 Name	@	
Operator #2 Name	B	
Operator #3 Name	@	
Operator #4 Name		
Operator #5 Name	C	
Operator #6 Name		
Operator #7 Name	C	
Operator #8 Name	CAT	
Operator #9 Name		
Operator #10 Name	@	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	4	

Calibration Status - Transmission 735 (JMC01387)

Calibration	Status	Last Successful Completion
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Transmission Fill Calibration	Unknown	Unknown
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Shift Count Matrix [Transmission Shift Counts Start Time = 4 hours] - Transmission 735 (JMC01387)

To	N	R	1	2	3	4	5	6	7	8
From										
N	---	59704	181064	164	34	9	4	0	0	0
R	156796	---	23544	17	0	0	0	0	0	0
1	66945	101610	---	239569	213	2	3	0	0	0
2	9632	17195	173907	---	267760	754	11	2	0	0
3	6113	1505	22263	194886	---	240366	51	2	0	0
4	1353	319	6999	34164	196492	---	214034	94	0	0
5	43	25	592	409	656	212082	---	153118	18	0
6	1	4	51	41	23	224	152680	---	81393	20
7	1	0	11	9	7	16	157	81202	---	30624
8	0	0	1	2	1	2	3	19	30616	---

Counters - Transmission 735 (JMC01387)

Description	Value
Lockup Clutch Count	316052
Differential Lock Kickout Occurrences	771
Differential Lock Switch Cycles	43202
Interaxle Differential Lock Solenoid Cycles	43202
Front Cross Axle Lock Solenoid Cycles	13705
Top Drive Gear Switch Cycles	11436
Transmission Hold Override Occurrences	118414
Transmission Hold Switch Cycles	93452
Service Brake Pressure Switch Cycles	610956
Parking Brake Pressure Switch Cycles	114938
Parking Brake Solenoid Cycles	115525
Starter Relay Cycles	6076

Monitor OHT

Parameter	Value
Equipment ID	AT CFG
ECM Part Number	2395025-06
ECM Serial Number	1596B018HL
Software Group Part Number	3382686-00
Software Group Release Date	JAN09
Software Group Description	AT Messenger

Logged Diagnostic Codes [Diagnostic Clock = 11728 hours] - Monitor OHT

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Loaded Event Codes [Diagnostic Clock = 11728 hours] - Monitor OHT

Code	Description	Occ.	First	Last
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No Logged Event Codes				
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Active Diagnostic Codes - Monitor OHT

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor OHT

Code	Description
No Active Event Codes	

Configuration - Monitor OHT

Description	Value	Unit
Equipment ID	AT CFG	
Product ID		
Service Mode Enable Code	0	

C15 735 (LHX09241)

Parameter	Value
Product ID	B1N00789
Equipment ID	B1N00789
Engine Serial Number	LHX09241
ECM Part Number	2622878-01
ECM Serial Number	24566383JL
Software Group Part Number	2750632-00
Software Group Release Date	MAR07
Software Group Description	AT-735
Active Diagnostic Codes Present	Yes

Logged Diagnostic Codes [Diagnostic Clock = 11728 hours] - C15 735 (LHX09241)

Code	Description	Occ.	First	Last
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period	127	11579	11728

Logged Event Codes [Diagnostic Clock = 11728 hours] - C15 735 (LHX09241)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C15 735 (LHX09241)

Code	Description
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period

Active Event Codes - C15 735 (LHX09241)

Code	Description
No Active Event Codes	

Current Totals - C15 735 (LHX09241)

Description	Value	Unit
Total Fuel	304795	L
Ether Usage	Unavailable	L
Total Idle Time	5271:42	hours
Total Idle Fuel	15007	L
Total Max Fuel	876798	L
Total Operating Hours	11729	hours
Engine Starts	5512	
Lifetime Total Engine Revolutions	831920836	rev
Starts/Hour	0,47	
Average RPM	1182,24	rpm
Percentage Idle Time	44,94	%
Average Fuel Rate	25,99	L/h
Overall Load Factor	34	%

Configuration - C15 735 (LHX09241)

Description	Value	Unit
Product ID	B1N00789	
Equipment ID	B1N00789	
Engine Serial Number	LHX09241	
ECM Part Number	2622878-01	
ECM Serial Number	24566383JL	
Software Group Part Number	2750632-00	
Software Group Release Date	MAR07	
Software Group Description	AT-735	
Engine Fan Control	On	
Ether Solenoid Configuration	Continuous Flow Solenoid	
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	40	
FTS	-51	
Total Tattletale	3141	

Lifetime: Time vs Engine Coolant Temperature - C15 735 (LHX09241)

Engine Coolant Temperature(Deg C)	hours	%
<50,0	715,90	6,14
50,0-54,0	188,70	1,62
55,0-59,0	226,90	1,95
60,0-64,0	308,95	2,65
65,0-69,0	395,35	3,39

70,0-74,0	607,70	5,21
75,0-79,0	2773,05	23,78
80,0-84,0	3036,75	26,04
85,0-89,0	2648,05	22,71
90,0-94,0	756,60	6,49
95,0-99,0	1,90	0,02
100,0-104,0	0,10	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 - C15 735 (LHX09241)

Inlet Air Temperature(Deg C)	hours	%
<40,0	1676,10	79,39
40,0-44,0	306,75	14,53
45,0-49,0	111,95	5,30
50,0-54,0	14,95	0,71
55,0-59,0	1,35	0,06
60,0-64,0	0,05	0,00
65,0-69,0	0,00	0,00
70,0-74,0	0,00	0,00
75,0-79,0	0,00	0,00
80,0-84,0	0,00	0,00
85,0-89,0	0,00	0,00
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 - C15 735 (LHX09241)

Boost Pressure(kPa)	hours	%
<80,0	302,65	14,34
80,0-89,0	117,20	5,55
90,0-99,0	186,90	8,85
100,0-109,0	436,60	20,68
110,0-119,0	513,55	24,33
120,0-129,0	410,85	19,46
130,0-139,0	138,60	6,57
140,0-149,0	4,70	0,22
150,0-159,0	0,00	0,00
160,0-169,0	0,00	0,00
170,0-179,0	0,00	0,00
180,0-189,0	0,00	0,00
190,0-199,0	0,00	0,00
>200,0	0,00	0,00

Lifetime: Time vs Engine Speed And Engine Load Factor - C15 735 (LHX09241)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
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%									
<50,0	3445,70	467,80	807,90	639,10	254,80	90,20	56,80	0,60	5762,90
50,0-59,9	11,95	34,75	89,55	108,45	45,95	18,30	17,30	0,00	326,25
60,0-69,9	32,55	56,60	90,40	98,75	45,95	20,90	9,55	0,00	354,70
70,0-79,9	15,95	41,65	96,75	95,40	48,60	26,70	6,85	0,00	331,90
80,0-89,9	2,60	25,70	75,50	93,85	54,00	33,00	8,20	0,00	292,85
>90,0	2,90	162,05	587,80	715,55	453,80	205,90	25,95	0,00	2153,95
Total	3511,65	788,55	1747,90	1751,10	903,10	395,00	124,65	0,60	9222,55

Lifetime: Total Occurrences vs Engine Speed - C15 735 (LHX09241)

Engine Speed(rpm)		%
<2500,0	0,00	0,00
2500,0-2599,0	201,00	80,72
2600,0-2699,0	40,00	16,06
2700,0-2799,0	8,00	3,21
2800,0-2899,0	0,00	0,00
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 735 (LHX09241)

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	4673,00	5209,00	10877,00	5714,00	489,00	26,00	1,00	0,00	26989,00
>4,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	4673,00	5209,00	10877,00	5714,00	489,00	26,00	1,00	0,00	26989,00

Lifetime: Time vs Engine Speed And Boost Pressure - C15 735 (LHX09241)

[illegible]

170,0-199,9	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
>200,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	13,95	0,55	0,05	0,00	0,00	0,00	0,00	14,55

Injector Trim Calibration - C15 735 (LHX09241)

Injector	Serial Number	File Version
Injector1	00000000A5518442726E	0
Injector2	00000000A55184427858	0
Injector3	00000000A5518441860C	0
Injector4	00000000A551844296A4	0
Injector5	00000000A551844166DA	0
Injector6	00000000A55184432658	0

Monitoring System - C15 735 (LHX09241)

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 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 Filter Pressure Restriction			
Least Severe (1)	Always On	None	3600 sec
Moderate Severity (2)	Always On	None	14400 sec
High Fuel Pressure			
Least Severe (1)	Always On	758,0 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
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Always On	None	4 sec