

Cat Electronic Technician 2023B v1.0

Product Status Report

12/11/2024 11:24 AM

Product Status Report

Parameter	Value
Product ID	SWL00863
Equipment ID	938K
Comments	

Product Link Elite (SWL00863)

Parameter	Value
Product ID	SWL00863
Machine Serial Number	
Equipment ID	938K
ECM Part Number	4590786-01
ECM Serial Number	1745F538TR
Software Group Part Number	6137739-00
Software Group Release Date	Apr2021
Software Group Description	VIMS_TELEMATICS_2021_04_14
Application Software Part Number	5627197-00
Cellular Device ECM Serial Number	3640S052YN
Cellular Device ECM Hardware Part Number	5555510-06
Cellular Radio Module Software Part Number	6279042-00
Satellite Device ECM Serial Number	NA
Satellite Device ECM Hardware Part Number	NA
Satellite Radio Module Software Part Number	NA
Wi-Fi Radio Hardware Serial Number	NA
Wi-Fi Radio Hardware Part Number	NA
Wi-Fi Radio Software Part Number	NA

Logged Diagnostic Codes [Total Operating Hours = 16122 hours] - Product Link Elite (SWL00863)

Code	Description	Occ.	First	Last
1888- 4	Local GPS Antenna : Voltage Below Normal	2	8765	8877

Logged Event Codes [Total Operating Hours = 16122 hours] - Product Link Elite (SWL00863)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link Elite (SWL00863)

Code	Description
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No Active Diagnostic Codes	
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Active Event Codes - Product Link Elite (SWL00863)

Code	Description
No Active Events	

Current Totals - Product Link Elite (SWL00863)

Description	Value	Unit
Total Operating Hours	16122.0	hours
Total Distance	11833.51	Miles

Configuration - Product Link Elite (SWL00863)

Description	Value	Unit
Product ID	SWL00863	
Equipment ID	938K	
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number		
Maintenance Mode	Off	
Machine Payload Control System Installation Status	Not Installed	
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 Customer Enable Status	Disabled	
Tire Analysis System Temporary Installation Time Remaining	15000	min
Security System Tamper Resistant Configuration	Not Installed	
External Service Lamp Installation Configuration	Installed	
External Service Lamp Display Mode Setting	No Snapshot Notice	
GPS Surge Suppression Antenna Installation Status	Not Installed	
Cellular Surge Suppression Antenna Installation Status	Not Installed	
Telemetry Feature Installation Status	Not Installed	
Telemetry Feature Enable Status	Disabled	
Tire Monitoring System Installation Status	Unavailable	
Mining Aftermarket System Installation Status	Unavailable	
Production Measurement Feature Installation Status	Unavailable	
Telematics Enhanced Data Connector Installation Status	Unavailable	

Telematics Enhanced Data Connector Enable Status	Unavailable	
Telematics Enhanced Data Connector Temporary Installation Status	Unavailable	
Telematics Enhanced Data Connector Temporary Installation Time Remaining	Unavailable	min
Driver Safety System Installation Status	Unavailable	
Driver Safety System Enable Status	Unavailable	
Driver Safety System Temporary Installation Status	Unavailable	
Driver Safety System Temporary Installation Time Remaining	Unavailable	min

C6.6 (C8N05913)

Parameter	Value
Product ID	SWL00863
Engine Serial Number	C8N05913
ECM Part Number	3453381-04
ECM Serial Number	15727266QT
Software Group Part Number	4389599-00
Software Group Release Date	FEB13
Software Group Description	SWL
Calibration Identification Number	AD912_02

Logged Diagnostic Codes [Diagnostic Clock = 16122 hours] - C6.6 (C8N05913)

Code	Description	Occ.	First	Last
3385-13	EGR Intake Pressure Sensor : Out of Calibration	255	15801	16121

Logged Event Codes [Diagnostic Clock = 16122 hours] - C6.6 (C8N05913)

Code	Description	Occ.	First	Last
E1045 (2)	Low Intake Manifold Pressure	1	15814	15814

Active Diagnostic Codes - C6.6 (C8N05913)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C6.6 (C8N05913)

Code	Description
No Active Events	

Current Totals - C6.6 (C8N05913)

Description	Value	Unit
Total Idle Time	5321:30	hours
Total Fuel	34272	gal
Total Engine #1 Fuel	34272	gal
Total ARD Fuel	Unavailable	gal
Total Idle Fuel	3274	gal

Total Max Fuel	143661	gal
Engine Lifetime Hours	16141.7	hours
Average Load Factor	22	%
Engine Starts	20676	
Lifetime Total Engine Revolutions	1106258552	rev
Total Operating Hours	16122	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Total Delayed Engine Shutdown Count	0	
Total Delayed Engine Shutdown Overrides Count	0	
Starts/Hour	1.28	
Average RPM	1142.24	rpm
Percentage Idle Time	32.96	%
Average Fuel Rate	2.12	gal/h
Overall Load Factor	23	%

Configuration - C6.6 (C8N05913)

Description	Value	Unit
Engine Serial Number	C8N05913	
ECM Serial Number	15727266QT	
Software Group Part Number	4389599-00	
Software Group Release Date	FEB13	
Software Group Description	SWL	
Rating Number	3	
Rated Power	173 hp at 1800 rpm	
Rated Peak Torque	608 lb-ft at 1400 rpm	
Ether Solenoid Configuration	Not Installed	
Low System Battery Voltage Elevated Idle	Disabled	
Engine Warm Up Elevated Idle Feature Enable Status	Disabled	
Engine Warm Up Elevated Idle Delay Time	10.0	min
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Delayed Engine Shutdown Enable Status	Disabled	
Delayed Engine Shutdown Maximum Time	5.0	min
User Defined Switch Installation Status	Not Installed	
Engine Fan Reversing Feature	Disabled	
Engine Fan Purge Cycle Duration	10.0	sec
Engine Fan Purge Cycle Interval	900	sec
Cold Engine Parasitic Load Reduction Installation	Not Installed	
Factory Installed Aftertreatment #1 Identification Number	ADA034645A	
DPF #1 Soot Loading Sensing System Configuration Code	CL	

System Operating Voltage Configuration	24 Volt	
FLS	16	
FTS	-10	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	5	

Lifetime:Accumulated Time vs Intake Manifold Pressure - C6.6 (C8N05913)

Intake Manifold Pressure(psi)	hours	%
<11.603	21.50	6.93
11.603-13.052	10.95	3.53
13.053-14.503	22.60	7.29
14.504-15.953	45.80	14.77
15.954-17.404	72.30	23.32
17.405-18.854	75.85	24.46
18.855-20.304	35.40	11.42
20.305-21.755	19.15	6.18
21.756-23.205	6.25	2.02
23.206-24.655	0.30	0.10
24.656-26.106	0.00	0.00
26.107-27.556	0.00	0.00
27.557-29.007	0.00	0.00
29.008-30.457	0.00	0.00
30.458-31.907	0.00	0.00
31.908-33.358	0.00	0.00
33.359-34.808	0.00	0.00
34.809-36.258	0.00	0.00
36.259-37.709	0.00	0.00
37.710-39.159	0.00	0.00
39.160-40.610	0.00	0.00
40.611-42.060	0.00	0.00
42.061-43.510	0.00	0.00
43.511-44.961	0.00	0.00
44.962-46.411	0.00	0.00
46.412-47.861	0.00	0.00
47.862-49.312	0.00	0.00
49.313-50.762	0.00	0.00
50.763-52.213	0.00	0.00
52.214-53.663	0.00	0.00
53.664-55.113	0.00	0.00
55.114-56.564	0.00	0.00
56.565-58.014	0.00	0.00
58.015-59.464	0.00	0.00
59.465-60.915	0.00	0.00
60.916-62.365	0.00	0.00
62.366-63.816	0.00	0.00

63.817-65.266	0.00	0.00
65.267-66.716	0.00	0.00
66.717-68.167	0.00	0.00
68.168-69.617	0.00	0.00
69.618-71.067	0.00	0.00
71.068-72.518	0.00	0.00
72.519-73.968	0.00	0.00
73.969-75.419	0.00	0.00
75.420-76.869	0.00	0.00
76.870-78.319	0.00	0.00
78.320-79.770	0.00	0.00
79.771-81.220	0.00	0.00
81.221-82.670	0.00	0.00
82.671-84.121	0.00	0.00
84.122-85.571	0.00	0.00
85.572-87.023	0.00	0.00
>87.023	0.00	0.00

Lifetime:Accumulated Time vs Engine Coolant Temperature - C6.6 (C8N05913)

Engine Coolant Temperature(Deg F)	hours	%
<32.00	0.00	0.00
32.00-40.99	0.05	0.00
41.00-49.99	0.45	0.00
50.00-58.99	1.85	0.01
59.00-67.99	6.85	0.04
68.00-76.99	12.75	0.08
77.00-85.99	22.45	0.14
86.00-94.99	37.10	0.24
95.00-103.99	52.65	0.33
104.00-112.99	61.15	0.39
113.00-121.99	71.80	0.46
122.00-130.99	78.65	0.50
131.00-139.99	104.25	0.66
140.00-148.99	535.40	3.40
149.00-157.99	5051.60	32.03
158.00-166.99	4737.45	30.04
167.00-175.99	3401.95	21.57
176.00-184.99	1212.55	7.69
185.00-193.99	321.50	2.04
194.00-202.99	51.25	0.32
203.00-211.99	8.10	0.05
212.00-220.99	0.20	0.00
221.00-229.99	0.00	0.00
230.00-238.99	0.00	0.00
239.00-247.99	0.00	0.00
248.00-256.99	0.00	0.00
257.00-265.99	0.00	0.00

266.00-274.99	0.00	0.00
275.00-283.99	0.00	0.00
284.00-292.99	0.00	0.00
293.00-302.00	0.00	0.00
>302.00	0.00	0.00

Engine Overspeed Histogram: Accumulated Time (sec) vs Engine Speed - C6.6 (C8N05913)

Engine Speed(rpm)	Count	%
2500.0-2599.9	1611	47.09
2600.0-2699.9	1050	30.69
2700.0-2799.9	626	18.30
2800.0-2899.9	125	3.65
2900.0-2999.9	9	0.26
3000.0-3099.9	0	0.00
3100.0-3199.9	0	0.00
3200.0-3299.9	0	0.00
3300.0-3400.0	0	0.00
>3400.0	0	0.00

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 (C8N05913)

rpm	<600.0	600.0-649.9	650.0-699.9	700.0-749.9	750.0-799.9	800.0-849.9	850.0-899.9	900.0-949.9	950.0-999.9
%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	0.00	0.05	0.35	5.10	369.00	561.60	18.15	19.90	128.65
10.0-19.9	0.00	0.05	0.20	2.20	340.00	449.25	11.90	11.50	91.05
20.0-29.9	0.00	0.00	0.10	0.70	5.10	7.70	4.25	6.45	36.80
30.0-39.9	0.00	0.00	0.05	0.30	1.20	2.05	2.15	4.45	17.45
40.0-49.9	0.00	0.00	0.05	0.15	0.40	0.75	1.15	2.85	8.40
50.0-59.9	0.00	0.00	0.05	0.05	0.20	0.40	0.70	1.70	4.25
60.0-69.9	0.00	0.00	0.00	0.05	0.10	0.20	0.45	1.00	2.25
70.0-79.9	0.00	0.00	0.00	0.05	0.05	0.15	0.30	0.65	1.30
80.0-89.9	0.00	0.00	0.00	0.05	0.05	0.10	0.25	0.45	0.85
90.0-100.0	0.00	0.00	0.05	0.10	0.20	0.40	0.85	1.50	2.55
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.10	0.85	8.75	716.30	1022.60	40.15	50.45	293.55

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 (C8N05913)

rpm	1000.0-1049.9	1050.0-1099.9	1100.0-1149.9	1150.0-1199.9	1200.0-1249.9	1250.0-1299.9	1300.0-1349.9	1350.0-1399.9	1400.0-1449.9
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%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	229.15	155.10	160.05	165.60	171.25	169.10	152.55	129.65	109.00
10.0-19.9	170.05	104.85	116.45	135.45	151.90	159.65	154.00	133.15	107.20
20.0-29.9	72.65	61.15	73.50	95.60	118.85	132.20	134.70	126.30	111.00
30.0-39.9	33.35	32.10	40.05	55.10	70.80	80.65	83.95	81.55	74.05
40.0-49.9	15.25	17.25	22.00	31.30	42.15	50.70	53.60	52.65	48.50
50.0-59.9	7.75	9.60	13.00	18.90	26.10	32.45	35.45	35.85	33.15
60.0-69.9	4.00	5.65	8.05	12.35	17.65	22.90	26.65	28.95	28.60
70.0-79.9	2.30	3.40	5.10	8.05	11.85	15.85	18.85	21.65	23.90
80.0-89.9	1.55	2.50	3.90	6.05	9.00	11.90	14.15	15.90	17.85
90.0-100.0	3.90	5.30	7.25	10.25	13.85	17.85	21.70	26.50	32.65
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	539.95	396.90	449.35	538.65	633.40	693.25	695.60	652.15	585.90

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 (C8N05913)

rpm	1450.0-1499.9	1500.0-1549.9	1550.0-1599.9	1600.0-1649.9	1650.0-1699.9	1700.0-1749.9	1750.0-1799.9	1800.0-1849.9	1850.0-1899.9
%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	91.85	75.75	61.50	45.45	30.30	19.40	12.35	7.05	4.20
10.0-19.9	81.80	59.20	42.05	29.15	17.55	9.25	6.20	2.30	0.20
20.0-29.9	95.00	77.10	59.70	44.55	28.75	14.85	11.35	4.85	0.25
30.0-39.9	66.60	60.15	53.85	47.50	32.10	15.95	13.30	6.30	0.30
40.0-49.9	43.50	40.70	39.20	40.85	32.75	15.80	10.00	4.60	0.35
50.0-59.9	28.85	26.15	25.40	27.50	24.80	13.30	6.75	2.95	0.35
60.0-69.9	25.50	22.70	21.45	22.70	22.45	13.20	6.90	3.10	0.40
70.0-79.9	22.35	19.55	18.45	18.95	20.70	14.15	8.50	3.60	0.45
80.0-89.9	18.35	17.15	17.10	18.85	20.35	16.10	9.95	3.05	0.40
90.0-100.0	38.60	44.90	53.20	57.30	51.85	34.50	16.90	4.95	0.95
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	512.40	443.35	391.90	352.80	281.60	166.50	102.20	42.75	7.85

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 (C8N05913)

rpm	1900.0-1949.9	1950.0-1999.9	2000.0-2049.9	2050.0-2099.9	2100.0-2149.9	2150.0-2199.9	2200.0-2249.9	2250.0-2299.9	2300.0-2349.9
%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	3.05	2.35	1.85	1.45	1.20	1.00	0.85	0.65	0.55
10.0-19.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0-29.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0-39.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0-49.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0-59.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0-69.9	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0-79.9	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0-89.9	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0-100.0	0.25	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.85	2.40	1.85	1.45	1.20	1.00	0.85	0.65	0.55

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C6.6 (C8N05913)

rpm	2350.0-2400.0	>2400.0	Total
%			
<0.0	0.00	0.00	0.00
0.0-9.9	0.45	1.35	2906.85
10.0-19.9	0.00	0.00	2386.60
20.0-29.9	0.00	0.00	1323.50
30.0-39.9	0.00	0.00	875.35
40.0-49.9	0.00	0.00	574.95
50.0-59.9	0.00	0.00	375.70
60.0-69.9	0.00	0.00	297.35
70.0-79.9	0.00	0.00	240.25
80.0-89.9	0.00	0.00	205.95
90.0-100.0	0.00	0.00	448.35
>100.0	0.00	0.00	0.00
Total	0.45	1.35	9634.85

Lifetime:Accumulated Time vs Intake Manifold Air Temperature - C6.6 (C8N05913)

Intake Manifold Air Temperature(Deg F)	hours	%
<32.00	8.15	0.05

32.00-40.99	28.90	0.18
41.00-49.99	109.05	0.69
50.00-58.99	185.60	1.18
59.00-67.99	424.10	2.69
68.00-76.99	857.05	5.43
77.00-85.99	1478.35	9.37
86.00-94.99	2264.90	14.36
95.00-103.99	3085.75	19.57
104.00-112.99	3276.40	20.78
113.00-121.99	2676.65	16.97
122.00-130.99	1152.00	7.30
131.00-139.99	209.50	1.33
140.00-148.99	14.00	0.09
149.00-157.99	0.20	0.00
158.00-166.99	0.00	0.00
167.00-175.99	0.00	0.00
176.00-184.99	0.00	0.00
185.00-193.99	0.00	0.00
194.00-202.99	0.00	0.00
203.00-211.99	0.00	0.00
212.00-220.99	0.00	0.00
221.00-229.99	0.00	0.00
230.00-238.99	0.00	0.00
239.00-248.00	0.00	0.00
>248.00	0.00	0.00

Lifetime:Accumulated Time vs Engine Speed - C6.6 (C8N05913)

Engine Speed(rpm)	hours	%
<550.0	0.05	0.00
550.0-599.9	0.05	0.00
600.0-649.9	0.25	0.00
650.0-699.9	1.35	0.01
700.0-749.9	14.40	0.09
750.0-799.9	2173.55	13.86
800.0-849.9	2957.20	18.86
850.0-899.9	64.35	0.41
900.0-949.9	71.70	0.46
950.0-999.9	456.45	2.91
1000.0-1049.9	852.70	5.44
1050.0-1099.9	575.20	3.67
1100.0-1149.9	650.90	4.15
1150.0-1199.9	764.75	4.88
1200.0-1249.9	882.55	5.63
1250.0-1299.9	941.90	6.01
1300.0-1349.9	925.65	5.90
1350.0-1399.9	850.90	5.43
1400.0-1449.9	750.55	4.79
1450.0-1499.9	643.70	4.10

1500.0-1549.9	542.15	3.46
1550.0-1599.9	466.35	2.97
1600.0-1649.9	406.45	2.59
1650.0-1699.9	316.40	2.02
1700.0-1749.9	185.80	1.18
1750.0-1799.9	114.40	0.73
1800.0-1849.9	47.80	0.30
1850.0-1899.9	8.60	0.05
1900.0-1949.9	4.25	0.03
1950.0-1999.9	2.80	0.02
2000.0-2049.9	2.05	0.01
2050.0-2099.9	1.65	0.01
2100.0-2149.9	1.35	0.01
2150.0-2199.9	1.10	0.01
2200.0-2249.9	0.95	0.01
2250.0-2299.9	0.70	0.00
2300.0-2349.9	0.60	0.00
2350.0-2399.9	0.50	0.00
2400.0-2449.9	0.40	0.00
2450.0-2499.9	0.35	0.00
2500.0-2549.9	0.25	0.00
2550.0-2599.9	0.20	0.00
2600.0-2649.9	0.15	0.00
2650.0-2699.9	0.15	0.00
2700.0-2749.9	0.10	0.00
2750.0-2799.9	0.05	0.00
2800.0-2849.9	0.05	0.00
2850.0-2899.9	0.00	0.00
2900.0-2949.9	0.00	0.00
2950.0-2999.9	0.00	0.00
3000.0-3049.9	0.00	0.00
3050.0-3099.9	0.00	0.00
3100.0-3149.9	0.00	0.00
3150.0-3199.9	0.00	0.00
3200.0-3249.9	0.00	0.00
3250.0-3299.9	0.00	0.00
3300.0-3349.9	0.00	0.00
3350.0-3400.0	0.00	0.00
>3400.0	0.00	0.00

Lifetime:Accumulated Time vs Air Inlet Temperature - C6.6 (C8N05913)

Air Inlet Temperature(Deg F)	hours	%
<(-4.00)	0.00	0.00
(-4.00)-4.99	0.00	0.00
5.00-13.99	0.10	0.00
14.00-22.99	4.25	0.03
23.00-31.99	34.15	0.22
32.00-40.99	189.30	1.20

41.00-49.99	571.65	3.63
50.00-58.99	853.50	5.42
59.00-67.99	1470.85	9.33
68.00-76.99	2186.65	13.88
77.00-85.99	2990.45	18.98
86.00-94.99	3426.35	21.74
95.00-103.99	2747.00	17.43
104.00-112.99	1233.65	7.83
113.00-121.99	50.60	0.32
122.00-130.99	0.00	0.00
131.00-139.99	0.00	0.00
140.00-148.99	0.00	0.00
149.00-157.99	0.00	0.00
158.00-166.99	0.00	0.00
167.00-176.00	0.00	0.00
>176.00	0.00	0.00

Monitoring System - C6.6 (C8N05913)

Description	State	Trip Point	Delay Time
<u>Engine Overspeed</u>			
Least Severe (1)	Always On	3000 rpm	0 sec
<u>High Air Inlet #1 Differential Pressure</u>			
Least Severe (1)	Always On	0.1 psi	0 sec
Moderate Severity (2)	Always On	0.1 psi	900 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	Always On	235 Deg F	10 sec
Moderate Severity (2)	Always On	237 Deg F	10 sec
Most Severe (3)	Always On	241 Deg F	10 sec
<u>High Exhaust Temperature</u>			
Least Severe (1)	Always On	352 Deg F	8 sec
Moderate Severity (2)	Always On	356 Deg F	8 sec
<u>High Fuel/Water Separator Water Level</u>			
Least Severe (1)	Always On	None	40 sec
Moderate Severity (2)	Always On	None	900 sec
<u>High Hydraulic Oil Temperature</u>			
Moderate Severity (2)	Always On	199 Deg F	4 sec
Most Severe (3)	Always On	207 Deg F	4 sec
<u>High Intake Manifold Air Temperature</u>			
Least Severe (1)	Always On	253.4 Deg F	8 sec
Moderate Severity (2)	Always On	257.0 Deg F	8 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	Always On	None	0 sec
Most Severe (3)	Always On	None	0 sec

Injector Codes Calibration - C6.6 (C8N05913)

Injector	Code
Injector 1	73010EFE10FDF2FB0FFFF40000FF6D
Injector 2	730D12050B0AFB090B09F70000FF90
Injector 3	73000EF901F4E5030100E60000FF34
Injector 4	731927131CFDEB030D0BEC0000FF88
Injector 5	73FDFEF5F8E1A60000F0C30000FF12
Injector 6	73000DFC01EFD500FFF8DE0000FFCF

Instrument Cluster #1

Parameter	Value
ECM Part Number	3485738-00
ECM Serial Number	1782J089PC
Software Group Part Number	4672623-00
Software Group Release Date	OCT2014
Software Group Description	PVD SWL

Machine Control 938K (SWL00863)

Parameter	Value
Product ID	SWL00863
Equipment ID	938K
ECM Part Number	3045687-02
ECM Serial Number	21926235MS
Transmission Serial Number	
Software Group Part Number	5363669-00
Software Group Release Date	OCT2017
Software Group Description	938 Small Wheel Loader
Active Diagnostic Codes Present	No
Active Event Codes Present	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 16122 hours] - Machine Control 938K (SWL00863)

Code	Description	Occ.	First	Last
1529- 4	Quick Coupler Switch : Voltage Below Normal	1	16055	16055

Logged Event Codes [Diagnostic Clock = 16122 hours] - Machine Control 938K (SWL00863)

Code	Description	Occ.	First	Last
E627 (2)	Parking Brake Applied with Machine in Motion	13	15802	16115
E284 (3)	Low Brake Accumulator Pressure	9	15813	16109
E283 (2)	Low Hydraulic Charge Pressure	1	15982	15982
E575 (3)	Unexpected Drive Motor Forward Speed Detected	1	15982	15982
E1424 (2)	Drive Motor Speed Not Responding to Command	2	15856	15900
E1293 (3)	Transmission Internal Component Overspeed	1	15868	15868

Active Diagnostic Codes - Machine Control 938K (SWL00863)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Machine Control 938K (SWL00863)

Code	Description
No Active Events	

Current Totals - Machine Control 938K (SWL00863)

Description	Value	Unit
Total Operating Hours	16122	hours
Total Distance	41994.61	Miles

Configuration - Machine Control 938K (SWL00863)

Description	Value	Unit
Product ID	SWL00863	
Equipment ID	938K	
Transmission Serial Number		
Product Sales Model	938 Wheel Loader	
Information Units Status	English	
Hydrostatic Response Setting	Maximum	
Transmission Directional Shift Response Rate Setting	Medium	
Tire Rolling Radius	710	mm
Machine Speed Limit	0	mph
Maximum Forward Ground Speed	0.0	mph
Maximum Reverse Ground Speed	0.0	mph
Powertrain Speed Range #3 Maximum Ground Speed Limit	0.0	mph
Differential (Axle) Lock Installation Status	Installed	
Differential Lock Automatic Disengagement Enable Status	Enabled	
Creep Mode Percentage	60.00	%
Creep Control Direction Configuration	Forward and Reverse	
Reduced Rimpull Setting	Medium Low	
Rimpull Mode Power Up Default Configuration	Off	
Low Speed Rimpull Control Enable Status	Disabled	
Transmission Direction Selector Type Configuration	PWM	
Transmission Direction Switch #2 Installation Status	Not Installed	
Ground Speed Limiter Installation Status	Not Installed	
Air Conditioning System Installation Status	Installed	
Blower Control Installation Status	Installed	
Number of Cameras	0	
Throttle Lock Feature Installation Status	Installed	
Throttle Lock Cancellation Left Pedal Position	Partially Depressed	
Implement Kickout Operator Adjustment Enable Status	Enabled	
Fine Mode Operator Adjustment Enable Status	Enabled	

Implement Lift Response Operator Adjustment Enable Status	Enabled	
Implement Tilt Response Operator Adjustment Enable Status	Enabled	
Creep Control Operator Adjustment Enable Status	Enabled	
Rimpull Control Operator Adjustment Enable Status	Enabled	
Hydrostatic Response Rate Operator Adjustment Enable Status	Enabled	
Quick Steer Enable Status	Disabled	
Secondary Steering	Not Installed	
Implement Linkage Configuration	Standard	
Loader Lift Linkage Position Sensor Configuration	Rotary Position Sensor	
Loader Tilt Linkage Position Sensor Configuration	Rotary Position Sensor	
Tilt Function Enable Status	Enabled	
3rd Function Enable Status	Disabled	
4th Function Enable Status	Disabled	
Quick Coupler Installation Status	Wedge Lock	
Ride Control System Installation Status	Installed	
Ride Control Activation Speed	5.0	mph
Ride Control Service Mode Power Up Default Configuration	Off	
Ride Control Operator Adjustment Enable Status	Enabled	
Parallel Lift Enable Status	Disabled	
Raise Kickout Enable Status	Enabled	
Lower Kickout Enable Status	Enabled	
Rackback Kickout Enable Status	Enabled	
Dump Kickout Enable Status	Enabled	
Lift Linkage Float Enable Status	Enabled	
Lift Linkage Feather Catch Enable Status	Enabled	
Raise Snubbing Enable Status	Enabled	
Lower Snubbing Enable Status	Enabled	
Rackback Snubbing Enable Status	Enabled	
Dump Snubbing Enable Status	Enabled	
Dump Stop Snubbing Enable Status	Enabled	
Bucket Shakeout Enable Status	Enabled	
Bucket Shakeout Aggressiveness Enable Status	Disabled	
Implement Lift Response Rate Setting	Medium	
Implement Tilt Response Rate Setting	Medium	
Implement Modulation Configuration	Normal	
Raise Solenoid #1 Start Current	0.338	Amps
Raise Solenoid #1 Maximum Current	0.579	Amps
Lower Solenoid #1 Start Current	0.314	Amps
Lower Solenoid #1 Maximum Current	0.570	Amps
Rackback Solenoid #1 Start Current	0.355	Amps

Rackback Solenoid #1 Maximum Current	0.747	Amps
Dump Solenoid #1 Start Current	0.358	Amps
Dump Solenoid #1 Maximum Current	0.746	Amps
Brake/Decelerator Pedal Position Sensor Fully Released Duty Cycle	20	%
Brake/Decelerator Pedal Position Sensor Braking Pressure Duty Cycle	37	%
Brake/Decelerator Pedal Position Sensor Fully Depressed Duty Cycle	48	%
Drive Pump Forward Control Solenoid Start Current Command	0.666	Amps
Drive Pump Forward Control Solenoid Maximum Current	1.690	Amps
Drive Pump Reverse Control Solenoid Start Current Command	0.666	Amps
Drive Pump Reverse Control Solenoid Maximum Current	1.718	Amps
Drive Motor #1 Solenoid Start Current Command	0.480	Amps
Drive Motor #1 Solenoid Maximum Current	1.220	Amps
Drive Motor #2 Solenoid Start Current Command	0.464	Amps
Drive Motor #2 Solenoid Maximum Current	1.514	Amps
Drive Pump Maximum Forward Gear Ratio Calibration Value	0.254	Ratio
Drive Motor Maximum Forward Gear Ratio Calibration Value	3.418	Ratio
Drive Motor Condition #1 Maximum Forward Gear Ratio Calibration Value	1.141	Ratio
Clutch #1 Hold Level Pressure	43	psi
Transmission Drive Pump Pressure Override Calibration Value	6314	psi
Transmission Drive Pump Pressure Override Calibrated Temperature	145	Deg F
Advanced Machine Security System Installation Status	Not Installed	
Total Tattletale	0	

Histogram - Machine Control 938K (SWL00863)

No Histogram data available