

Cat Electronic Technician 2018A v1.0

Product Status Report

8/01/2024 5:09 PM

Product Status Report

Parameter	Value
Product ID	LWX00667
Equipment ID	988K
Comments	

Implement 988K (LWX00667)

Parameter	Value
Product ID	LWX00667
Equipment ID	
ECM Part Number	3656773-04
ECM Serial Number	16658530VD
Software Group Part Number	4933119-00
Software Group Release Date	JUN2016
Software Group Description	988 Implement
Implement Linkage Configuration	High Lift
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 28801.8730 hours] - Implement 988K (LWX00667)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 28801.8730 hours] - Implement 988K (LWX00667)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Implement 988K (LWX00667)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement 988K (LWX00667)

Code	Description
No Active Event Codes	

Current Totals - Implement 988K (LWX00667)

Description	Value	Unit
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Configuration - Implement 988K (LWX00667)

Description	Value	Unit
ECM Part Number	3656773-04	
ECM Serial Number	16658530VD	
Software Group Part Number	4933119-00	
Software Group Release Date	JUN2016	
Software Group Description	988 Implement	
Implement Linkage Configuration	High Lift	
Raise Kickout Enable Status	Disabled	
Lower Kickout Enable Status	Enabled	
Rackback Kickout Enable Status	Enabled	
Dump Kickout Enable Status	Enabled	
Lift Linkage Float Enable Status	Enabled	
Quick Drop Feature Enable Status	Disabled	
Implement Fine Modulation Control Enable Status	Disabled	
Lower Valve Modulation Scale Factor	100.0	%
Dump Valve Modulation Scale Factor	100.0	%
3rd Function Enable Status	Disabled	
Raise Solenoid #1 Start Current	0.974	Amps
Lower Solenoid #1 Start Current	0.886	Amps
Rackback Solenoid #1 Start Current	1.069	Amps
Dump Solenoid #1 Start Current	0.971	Amps
Secondary Steering Pump Installation Status	Installed	
Ambient Air Temperature Operating Condition Configuration	Normal	
Ride Control System Installation Status	Installed	
Ride Control Forward Activation Speed	7.0	km/h
Ride Control Reverse Activation Speed	7.0	km/h
Production Measurement Feature Installation Status	Not Installed	
Production Measurement Feature Temporary Installation Status	Not Installed	
Last Payload Weight	Unavailable	tonne
Automatic Truck ID Feature	Not Enabled	
Automatic Material ID Feature	Not Enabled	
Onboard Payload Printer Installation Status	Conditions Not Met	
Total Tattletale	0	
Engineer Data Enb	Disabled	

Graphical Display 988K (LWX00667)

Parameter	Value
Product ID	LWX00667
Equipment ID	
ECM Part Number	4415131-01

ECM Serial Number	1875G014UU
Software Group Part Number	4789868-00
Software Group Release Date	MAY2015
Software Group Description	LWL_ Information Display
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 28801.8919 hours] - Graphical Display 988K (LWX00667)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 28801.8919 hours] - Graphical Display 988K (LWX00667)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Graphical Display 988K (LWX00667)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Graphical Display 988K (LWX00667)

Code	Description
No Active Event Codes	

Configuration - Graphical Display 988K (LWX00667)

Description	Value	Unit
Product ID	LWX00667	
ECM Part Number	4415131-01	
ECM Serial Number	1875G014UU	
Software Group Part Number	4789868-00	
Software Group Release Date	MAY2015	
Software Group Description	LWL_ Information Display	
Service Mode Enable Code	1234	
Display Language Status	English	
Information Units Status	Metric	
Backlight Percent	45	%

C18 988 (TXW01770)

Parameter	Value
Equipment ID	988K
Engine Serial Number	TXW01770
ECM Part Number	4884886-01
ECM Serial Number	01586370VJ
Software Group Part Number	5204397-00

Software Group Release Date	JUL16
Software Group Description	P3.0.3-C18
Calibration Identification Number	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 28801.9155 hours] - C18 988 (TXW01770)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 28801.9155 hours] - C18 988 (TXW01770)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C18 988 (TXW01770)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C18 988 (TXW01770)

Code	Description
No Active Event Codes	

Current Totals - C18 988 (TXW01770)

Description	Value	Unit
Total Idle Time	38:48	hours
Total Fuel	8241	L
Total Engine #1 Fuel	8241	L
Total Idle Fuel	313	L
Total Max Fuel	19337	L
Engine Lifetime Hours	209.7	hours
Average Load Factor	41	%
Engine Starts	398	
Lifetime Total Engine Revolutions	15143424	rev
Total Operating Hours	28802	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Total Delayed Engine Shutdown Count	103	
Total Delayed Engine Shutdown Overrides Count	64	
Starts/Hour	1.90	
Average RPM	1203.38	rpm
Percentage Idle Time	18.12	%
Average Fuel Rate	39.29	L/h

Overall Load Factor	42	%
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Configuration - C18 988 (TXW01770)

Description	Value	Unit
Equipment ID	988K	
Engine Serial Number	TXW01770	
ECM Part Number	4884886-01	
ECM Serial Number	01586370VJ	
Software Group Part Number	5204397-00	
Software Group Release Date	JUL16	
Software Group Description	P3.0.3-C18	
Rating Number	1	
Rated Power	393 kW at 1700 rpm	
Rated Peak Torque	3023 N-m at 1200 rpm	
Top Engine Speed Range	1860 - 1860 rpm	
Low Idle Speed	750	rpm
High Idle Speed	1860	rpm
Ether Solenoid Configuration	Continuous Flow Solenoid	
Low System Battery Voltage Elevated Idle	Enabled	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
Engine Warm Up Elevated Idle Delay Time	10.0	min
Engine Retarder Enable Command	Disabled	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Delayed Engine Shutdown Enable Status	Enabled	
Delayed Engine Shutdown Maximum Time	5.0	min
Engine Cooling Fan Map	High Ambient	
Engine Fan Reversing Feature	Disabled	
Engine Fan Purge Cycle Interval	1200	sec
Engine Fan Purge Cycle Duration	20.0	sec
FLS	-47	
FTS	75	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	198	

Injector Trim Calibration - C18 988 (TXW01770)

Injector	Serial Number	File Version
Injector1	00000000A551988124D7	0
Injector2	00000000A55198821247	0
Injector3	00000000A551988114E8	0
Injector4	00000000A55198836247	0
Injector5	00000000A551988142BB	0
Injector6	00000000A551988030B5	0

Monitoring System - C18 988 (TXW01770)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2500 rpm	0 sec
Most Severe (3)	Always On	2700 rpm	0 sec
High Air Inlet #1 Differential Pressure			
Least Severe (1)	Always On	6.5 kPa	0 sec
Moderate Severity (2)	Always On	6.5 kPa	0 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	109 Deg C	10 sec
Moderate Severity (2)	Always On	111 Deg C	20 sec
High Fuel Temperature			
Moderate Severity (2)	Always On	95.0 Deg C	30 sec
High Intake Manifold Air Temperature			
Least Severe (1)	Always On	82.0 Deg C	8 sec
Moderate Severity (2)	Always On	86.0 Deg C	8 sec
Low Engine Coolant Pressure			
Most Severe (3)	Always On	None	10 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Most Severe (3)	Always On	None	4 sec

VIMS Main Module (LWX00667)

Parameter	Value
Product ID	LWX00667
Equipment ID	
ECM Part Number	2851142-04
ECM Serial Number	1695B223HD
Software Group Part Number	4642928-00
Software Group Release Date	AUG14
Software Group Description	PLVIMS 2014A PROD 1.0
Application Software Part Number	4645980-00
Dealer Identification Code	T030
DBS Machine Make Code	AA
Wireless Transmission Device Serial Number	DQCAT0267455

Logged Diagnostic Codes [Diagnostic Clock = 28801.8778 hours] - VIMS Main Module (LWX00667)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 28801.8778 hours] - VIMS Main Module (LWX00667)

Code	Description	Occ.	First	Last
E558 (1)	Snapshot Stored	1	116	116
E559 (1)	Event List Memory Low	1	836	836
E1087 (1)	Trend Data Storage Memory Low	1	872	872
E1088 (1)	Trend Data Storage Memory Full	1	922	922
E2139 (1)	Snapshot Memory Full	1	4976	4976

Active Diagnostic Codes - VIMS Main Module (LWX00667)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - VIMS Main Module (LWX00667)

Code	Description
E558 (1)	Snapshot Stored
E559 (1)	Event List Memory Low
E1087 (1)	Trend Data Storage Memory Low
E1088 (1)	Trend Data Storage Memory Full
E2139 (1)	Snapshot Memory Full

Current Totals - VIMS Main Module (LWX00667)

Description	Value	Unit
Total Operating Hours	28802	hours

Configuration - VIMS Main Module (LWX00667)

Description	Value	Unit
Data Acquisition System Installation Status	Installed	
Data Acquisition System Temporary Installation Status	Unavailable	
Data Acquisition System Customer Enable Status	Enabled	
Data Acquisition System Temporary Installation Time Remaining	0	min
Customer Password #1	*****	
Customer Password #2	*****	
Product ID	LWX00667	
Equipment ID		
External Service Lamp Installation Configuration	Installed	
External Service Lamp Display Mode Setting	Snapshot Occurred	
Telemetry Port Selection	Disabled	
TMAC Protocol Port Selection	Unavailable	
Ethernet Media Access Control (MAC) Address	00:0A:75:08:0E:D1	
Internet Protocol Host Name	VIMS3G	
Internet Protocol (IPv4) Address	165.26.79.218	
Internet Protocol (IPv4) Network Mask	255.255.255.252	

Network Default Gateway Internet Protocol (IPv4) Address	165.26.79.216	
Web Server Administrator Password	admin	
Dynamic Host Configuration Protocol (DHCP) Enable Status	Disabled	
Fleet Management System (FMS) Installation Status	Not Installed	
Fleet Management System (FMS) Enable Status	Unavailable	
Maintenance Mode	Off	
Machine Serial Number	LWX00667	
DBS Machine Make Code	AA	
Dealer Identification Code	T030	
Registration E-Mail Address Username	EA.BNE	
Registration E-Mail Address Domain	HASTINGSDEERING.COM.AU	
Event/Diagnostic Report Interval (SMU)	4	hours
Event/Diagnostic Message Interval (RT)	24	hours
Report Start Time	1/01/1985 8:00 AM	
Warning Level 3 Report Configuration	Report Immediately	
Warning Level 2 Report Configuration	Report Immediately	
Warning Level 1 Report Configuration	Report Immediately	
Diagnostic Report Configuration	Report Immediately	
Operating Hours Report Configuration	On	
Number of Daily Machine Location Messages Configuration	1	
Position Report Minimum Location Change	0	meters
Global Gram Enable Status	Disabled	
GPS Fix Validity Time Duration	60.0	min
Preferred Wireless Service Configuration	None	
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	Unavailable	

Transmission 988K (NNA00907)

Parameter	Value
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Product ID	LWX00667
Transmission Serial Number	NNA00907
Torque Converter Serial Number	T7S00604
ECM Part Number	3656773-04
ECM Serial Number	16759161VD
Software Group Part Number	4933083-00
Software Group Release Date	JUN2016
Software Group Description	988 Transmission
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 28801.8919 hours] - Transmission 988K (NNA00907)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 28801.8919 hours] - Transmission 988K (NNA00907)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Transmission 988K (NNA00907)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Transmission 988K (NNA00907)

Code	Description
No Active Event Codes	

Configuration - Transmission 988K (NNA00907)

Description	Value	Unit
Transmission Serial Number	NNA00907	
Torque Converter Serial Number	T7S00604	
ECM Part Number	3656773-04	
ECM Serial Number	16759161VD	
Software Group Part Number	4933083-00	
Software Group Release Date	JUN2016	
Software Group Description	988 Transmission	
Torque Conv Freewheel Stator Installation Status	Not Installed	
Transmission Maximum Forward Gear	4	
Transmission Maximum Reverse Gear	3	
CTS Enabled	Enabled	
Transmission Neutral Coast Limiting Feature Enable Status	Enabled	

Torque Converter Pedal Impeller Clutch Minimum Pressure Setting	152	kPa
Variable Shift Control Enable Status	Enabled	
Reduced Rimpull Switch Position 1 Setting	90	%
Reduced Rimpull Switch Position 2 Setting	94	%
Reduced Rimpull Switch Position 3 Setting	95	%
Auto Lube System Installation Status	Installed	
Auto Lube Interval	15	min
Minimum Auto Lube Pressure Configuration	15858	kPa
Automatic Idle Kickdown Enable Status	Enabled	
Automatic Idle Kickdown Delay Time	5.0	sec
Axle Oil Cooler Fan Bypass Sol Installation Status	Installed	
Heated Side Rear View Mirrors Installation Status	Not Installed	
Integrated Braking System Manual Mode Enable Status	Disabled	
Operator Seat Belt Monitor Installation Status	Not Installed	
Forced Fuel Economy Mode Configuration	Not Forced	
Engine Retarder In Reverse Enable Status	Disabled	
Ground Speed Limiter Installation Status	Not Installed	
Maximum Forward Ground Speed	Disabled or Not Installed	km/h
Maximum Reverse Ground Speed	Disabled or Not Installed	km/h
Remote Control System Installation	Unavailable	
Remote Control System Temporary Installation Status	Unavailable	
Remote Control System Temporary Installation Time Remaining	Unavailable	min
Remote Control System Enable Status	Unavailable	
Tire Monitoring System Installation Status	Not Installed	
Left Front Tire Pressure/Temperature Sensor Installation	Disabled or Not Installed	
Right Front Tire Pressure/Temperature Sensor Installation	Disabled or Not Installed	
Left Rear Tire Pressure/Temperature Sensor Installation Status	Disabled or Not Installed	
Right Rear Tire Pressure/Temperature Sensor Installation Status	Disabled or Not Installed	
Left Front Tire Pressure/Temperature Sensor Identification Number		
Right Front Tire Pressure/Temperature Sensor Identification Number		
Left Rear Tire Pressure/Temperature Sensor Identification Number		
Right Rear Tire Pressure/Temperature Sensor Identification Number		
Front Axle Tire Cold Inflation Pressure	Disabled or Not Installed	kPa
Rear Axle Tire Cold Inflation Pressure	Disabled or Not Installed	kPa
Tire Monitoring System First Alert Pressure Percentage Threshold	Disabled or Not Installed	%

Tire Monitoring System Second Alert Pressure Percentage Threshold	Disabled or Not Installed	%
Tire Monitoring System High Temperature Threshold	Disabled or Not Installed	Deg C
EngineerDataEnble	Disabled	

Shift Count Matrix - Transmission 988K (NNA00907)

To	N	R1	R2	R3	1	2	3	4
From								
N	---	1395	119186	1657	1418	230312	1473	133
R1	1891	---	21099	3908	14335	9908	0	0
R2	141313	26494	---	959683	0	1280000	103	0
R3	57061	514	244051	---	3480	658979	7334	0
1	64232	21656	1280000	0	---	37113	4122	0
2	76461	0	746613	157	1280000	---	1280000	0
3	14238	1082	32137	6000	119698	1280000	---	239572
4	369	0	693	14	0	253	238376	---

Object Detection System 988 (LWX00667)

Parameter	Value
Product ID	LWX00667
ECM Part Number	4415131-01
ECM Serial Number	1885G013UU
Software Group Part Number	4829862-00
Software Group Release Date	May2015
Software Group Description	OBJECT DETECTION SYSTEM

Logged Diagnostic Codes [Diagnostic Clock = 28801.8919 hours] - Object Detection System 988 (LWX00667)

Code	Description	Occ.	First	Last
2348- 9	SAE J1939 Data Link #2 : Abnormal Update Rate	19	28801	28801
168- 4	Electrical System Voltage : Voltage Below Normal	8	28792	28801

Logged Event Codes [Diagnostic Clock = 28801.8919 hours] - Object Detection System 988 (LWX00667)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Object Detection System 988 (LWX00667)

Code	Description
2348- 9	SAE J1939 Data Link #2 : Abnormal Update Rate

Active Event Codes - Object Detection System 988 (LWX00667)

Code	Description
No Active Event Codes	

Configuration - Object Detection System 988 (LWX00667)

Description	Value	Unit
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Product ID	LWX00667	
ECM Part Number	4415131-01	
ECM Serial Number	1885G013UU	
Software Group Part Number	4829862-00	
Software Group Release Date	May2015	
Software Group Description	OBJECT DETECTION SYSTEM	
Camera #1 Location	Rear	
Camera #2 Location	Not Installed	
Automatic Camera View Dimming Enable Status	Enabled	
Object Detection Alarm Mode	Discrete	

Indication Display

Parameter	Value
ECM Part Number	3752305-03
ECM Serial Number	1395D050DT
Software Group Part Number	4701001-00
Software Group Release Date	SEP2014
Software Group Description	Indication Display