

Cat Electronic Technician 2018C v1.0

Product Status Report

5/08/2025 12:50 PM

Product Status Report

Parameter	Value
Product ID	FEK30175
Equipment ID	FEK30175
Comments	

C7.1 336G (E7A23335)

Parameter	Value
Equipment ID	FEK00219
Engine Serial Number	E7A23335
ECM Serial Number	34687843VH
Software Group Part Number	5723365-00
Software Group Release Date	DEC18
Software Group Description	330 Excavator C7.1 LRC
Calibration Identification Number	AU941_03

Logged Diagnostic Codes [Diagnostic Clock = 7762.7562 hours] - C7.1 336G (E7A23335)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 7762.7562 hours] - C7.1 336G (E7A23335)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C7.1 336G (E7A23335)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C7.1 336G (E7A23335)

Code	Description
No Active Event Codes	

Current Totals - C7.1 336G (E7A23335)

Description	Value	Unit
Total Idle Time	936:06	hours

Total Fuel	155706	L
Total Idle Fuel	3947	L
Total Max Fuel	331074	L
Engine Lifetime Hours	7742.7	hours
Average Load Factor	46	%
Engine Starts	18826	
Lifetime Total Engine Revolutions	726255580	rev
Total Operating Hours	7762.8	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Starts/Hour	2.43	
Average RPM	1563.32	rpm
Percentage Idle Time	12.09	%
Average Fuel Rate	20.11	L/h
Overall Load Factor	47	%

Configuration - C7.1 336G (E7A23335)

Description	Value	Unit
Equipment ID	FEK00219	
Engine Serial Number	E7A23335	
ECM Serial Number	34687843VH	
Software Group Part Number	5723365-00	
Software Group Release Date	DEC18	
Software Group Description	330 Excavator C7.1 LRC	
Rating Number	1	
Rated Power	159 kW at 1900 rpm	
Rated Peak Torque	922 N-m at 1400 rpm	
Low Idle Speed	800	rpm
High Idle Speed	2000	rpm
Coolant Level Sensor	Unavailable	
Ether Solenoid Configuration	Not Installed	
Low System Battery Voltage Elevated Idle	Data Invalid	
Engine Warm Up Elevated Idle Feature Enable Status	On	
Engine Warm Up Elevated Idle Delay Time	10.0	min
HVAC Elevated Idle Feature Enable Status	Unavailable	
Glow Plug Start Aid Installation Status	Installed	
Inlet Air Temperature Sensor	Installed	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Engine Fan Type Configuration	Unavailable	
Engine Cooling Fan Map	Unavailable	
System Operating Voltage Configuration	24 Volt	
FLS	48	
FTS	-73	

Security System Immobilizer Installation Status	Unavailable	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	2	

Monitoring System - C7.1 336G (E7A23335)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	3000 rpm	0 sec
High Air Inlet #1 Differential Pressure			
Least Severe (1)	Always On	1.0 kPa	0 sec
Moderate Severity (2)	Always On	1.0 kPa	60 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	113 Deg C	10 sec
Moderate Severity (2)	Always On	114 Deg C	10 sec
Most Severe (3)	Always On	116 Deg C	10 sec
High Fuel/Water Separator Water Level			
Least Severe (1)	Always On	None	5 sec
Moderate Severity (2)	Always On	None	1800 sec
High Intake Manifold Air Temperature			
Least Severe (1)	Always On	87.0 Deg C	8 sec
Moderate Severity (2)	Always On	91.0 Deg C	8 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	0 sec
Most Severe (3)	Always On	None	0 sec

Monitor System

Parameter	Value
ECM Part Number	4905873-04
Software Group Part Number	5720466-00
Software Group Release Date	Dec2018
Software Group Description	HEX MONITOR

Logged Diagnostic Codes - Monitor System

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes - Monitor System

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Monitor System

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Monitor System

Code	Description
No Active Event Codes	

Implement Control #2 (FEK00219)

Parameter	Value
Product ID	FEK00219
ECM Part Number	4307160-07
ECM Serial Number	3498F110WA
Software Group Part Number	5735071-00
Software Group Release Date	DEC2018
Software Group Description	HEX CONTROL SECONDARY

Logged Diagnostic Codes [Diagnostic Clock = 454.9584 hours] - Implement Control #2 (FEK00219)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 454.9584 hours] - Implement Control #2 (FEK00219)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Implement Control #2 (FEK00219)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement Control #2 (FEK00219)

Code	Description
No Active Event Codes	

Current Totals - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool #1 Hours	0	hours
Tool #2 Hours	0	hours
Tool #3 Hours	13	hours
Tool #4 Hours	111	hours
Tool #5 Hours	26	hours

Tool #6 Hours	1	hours
Tool #7 Hours	0	hours
Tool #8 Hours	0	hours
Tool #9 Hours	0	hours
Tool #10 Hours	0	hours
Tool #11 Hours	0	hours
Tool #12 Hours	0	hours
Tool #13 Hours	0	hours
Tool #14 Hours	0	hours
Tool #15 Hours	0	hours
Tool #16 Hours	0	hours
Tool #17 Hours	0	hours
Tool #18 Hours	0	hours
Tool #19 Hours	0	hours
Tool #20 Hours	701	hours

Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Product ID	FEK00219	
ECM Location Code	2	
Machine Application Configuration	Hammer - Hydraulic	
Variable Adjustable Boom Installation Status	Not Installed	
Blade Installation Status	Not Installed	
Attachment Valve #1 Configuration	One Way - Pump #1	
Attachment Valve #2 Configuration	Not Installed	
Attachment Valve #3 Configuration	Not Installed	
Attachment Valve #4 Configuration	Not Installed	
Attachment Valve #5 Configuration	Not Installed	
Variable Relief Valve #1 Configuration	Not Installed	
Variable Relief Valve #2 Configuration	Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	0	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	0	%
Joystick Handle Configuration	Joystick Switch	
Left Attachment Pedal Installation Status	Not Installed	
Left Joystick Switch #1 Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	Momentary - Valve #1 Extend	
Left Joystick Switch #4 Control Mode	No valve controlled	
Right Joystick Switch #1 Control Mode	No valve controlled	
Right Joystick Switch #2 Control Mode	No valve controlled	
Right Joystick Switch #3 Control Mode	No valve controlled	
Right Joystick Switch #4 Control Mode	No valve controlled	
Crane System Installation Status	Not Installed	
Undercarriage Length Configuration	Standard	
Machine Undercarriage Configuration	Fixed Gauge Track	
Counterweight Weight	6.7	tonne

Boom Cylinder Extend Snubbing System Installation Status	Unavailable	
Boom Cylinder Snubbing Angle Gain	Unavailable	
Grade Control System Installation Status	Not Installed	
Grade Control System Type Configuration	Basic Slope	
Stick Maximum Extension Angle	148.48	Deg
Stick Minimum Retraction Angle	22.84	Deg
Boom Maximum Extension Angle	60.18	Deg
Boom Minimum Retraction Angle	-44.39	Deg
Bucket Cylinder Maximum Extension Length	0.0	mm
Bucket Cylinder Minimum Retraction Length	0.0	mm
Boom to Center of Rotation Reach Offset	0	mm
Grade Control System Light Bar Installation Status	Unavailable	
Production Measurement Feature Installation Status	Not Installed	
Bucket Curl Maximum Angle	0.00	Deg
Bucket Dump Maximum Angle	0.00	Deg
Payload Control Switch Enable Status	Unavailable	
Payload Target Weight Exceeded Audible Alarm Configuration	Unavailable	
Port Lever #1 Position	0	%
Port Lever #2 Position	0	%
Port Lever #3 Position	0	%
Starboard Lever #1 Position	0	%
Starboard Lever #2 Position	0	%
Starboard Lever #3 Position	0	%
Port Lever Position	0	%
Starboard Lever Position	0	%
Crane Warning System Enable Status	Disabled	
Semi-Automatic Excavator System Installation Status	Not Installed	
Attachment Valve #1 Retract Minimum Solenoid Current	0.719	Amps
Attachment Valve #2 Retract Minimum Solenoid Current	0.719	Amps
Attachment Valve #4 Retract Minimum Solenoid Current	0.719	Amps
Attachment Valve #1 Extend Minimum Solenoid Current	0.768	Amps
Attachment Valve #2 Extend Minimum Solenoid Current	0.719	Amps
Attachment Valve #4 Extend Minimum Solenoid Current	0.719	Amps
Boom Calibration Angle Offset	0.0	Deg
Stick Calibration Angle Offset	0.0	Deg
Bucket Calibration Angle Offset	0.0	Deg
Machine Pitch Calibration Offset	0.000	Deg
Machine Roll Calibration Offset	0.000	Deg

Length B-L	0	mm
Length L-M	0	mm
Stick Centerline to Laser Catcher Distance	0	mm
Excavator Boom Configuration	Unavailable	

Calibration Status - Implement Control #2 (FEK00219)

Calibration	Status	Last Successful Completion
PRV - Variable Relief Pressure Calibration Solenoid 2	Not Calibrated	Never Successfully Calibrated
PRV - Variable Relief Pressure Calibration Solenoid 1	Failed	0.5 hours
	Error: 000B Calibration not supported	
	Error: 0009 Aborted by ECM	
Stick Angle Calibration	Not Calibrated	Never Successfully Calibrated
Pump #2 Flow Limitation Pressure Solenoid Calibration - Flow	Not Calibrated	Never Successfully Calibrated
Pump #1 Flow Limitation Pressure Solenoid Calibration - Flow	Not Calibrated	Never Successfully Calibrated
All Levers and Pedals Calibration	Not Calibrated	Never Successfully Calibrated
All Implements with Pump Pressure Calibration	Success	0.2 hours
Directional Heading Sensor Calibration	Not Calibrated	Never Successfully Calibrated
Chassis Angle Sensor Calibration	Success	1.4 hours
Bucket Link Sensor Calibration	Not Calibrated	Never Successfully Calibrated
Boom Angle Calibration	Not Calibrated	Never Successfully Calibrated
Blade Lower Solenoid	Not Calibrated	Never Successfully Calibrated
Blade Raise Solenoid	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Extend	Not Calibrated	Never Successfully Calibrated

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	Active
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	

Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	

Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Hammer	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	H115ES	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	80.0	Deg C
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Tool Program Work Tool Mass	1460	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	115.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Tool Program Tool Type	Hammer	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	H120ES	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	80.0	Deg C
Tool Program Display Enable Status	Enabled	

Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Tool Program Work Tool Mass	1860	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	150.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%

Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Tool Program Tool Type	Hammer	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	B20	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	80.0	Deg C
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Tool Program Work Tool Mass	1866	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	135.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec

Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Tool Program Tool Type	Compactor	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	CVP110	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	80.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	1450	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	

Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	145.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Tool Program Tool Type	Other	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	1WAY	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%

Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min

Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Tool Program Tool Type	Bucket	
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Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%

Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	

Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	

Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec

Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	

Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%

Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	

Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm

Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%

Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
<u>Tool Program Name</u>	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg

Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%

Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%

Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	

Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	

Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec

Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Bucket	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	BUCKET	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	

Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	
Tool Program Attachment Valve #1 Extend Maximum Flow Setting	0.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	0	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%

Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	
Bucket Configuration	Bucket	
Bucket #1 Length G-H	0	mm
Bucket #1 Length G-J	0	mm
Bucket #1 Length G-Q	0	mm
Bucket #1 Length J-Q	0	mm
Maximum Work Tool Width	0	mm
Default Cutting Edge Bolts to Cutting Edge Length	0	mm
Cutting Edge Bolts to Cutting Edge Length	0	mm
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg
Tool Program Tool Type	Other	

Tool Configuration - Implement Control #2 (FEK00219)

Description	Value	Unit
Tool Program Name	1	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Hydraulic Temperature High Warning Event Threshold	126.0	Deg C
Tool Program Display Enable Status	Enabled	
Tool Program Work Tool Mass	900	kg
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Boom Raise Priority Setting	5	
Boom Lower Priority Setting	5	
Stick In Priority Setting	5	
Stick Out Priority Setting	5	
Bucket Open Priority Setting	5	
Bucket Close Priority Setting	5	
Swing Priority Setting	5	
Travel Lever Priority Setting	5	
Attachment #1 Priority Setting	5	

Tool Program Attachment Valve #1 Extend Maximum Flow Setting	160.0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Attachment Valve #1 Maximum Extend Pressure	2400	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	2400	kPa
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	0	kPa
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	0.00	%
Boom Assist Retract Lever Offset Calibration	0.00	%
Assist Stick Extend Lever Offset Calibration	0.00	%
Assist Stick Retract Lever Offset Calibration	0.00	%
Assist Bucket Extend Lever Offset Calibration	0.00	%
Assist Bucket Retract Lever Offset Calibration	0.00	%
Assist Swing Left Lever Offset Calibration	0.00	%
Assist Swing Right Lever Offset Calibration	0.00	%
Rear Hitch Joystick Forward/Reverse Position	0.0	%
Rear Hitch Joystick Thumbwheel Position	0.0	%
Rear Hitch Joystick Left/Right Position	0.0	%
Boom Raise Modulation Scale Factor	5	
Boom Lower Modulation Scale Factor	5	

Machine Control 330 (FEK00219)

Parameter	Value
Product ID	FEK00219
Application Number	12337
ECM Part Number	4307160-07
ECM Serial Number	3498F100WA
Software Group Part Number	5708133-00

Software Group Release Date	OCT2018
Software Group Description	330 HEX CONTROL
ECM Location Code	1

Logged Diagnostic Codes [Diagnostic Clock = 454.9584 hours] - Machine Control 330 (FEK00219)

Code	Description	Occ.	First	Last
1969- 3	Boom Cylinder Head End Pressure Sensor : Voltage Above Normal	1	6132	6132

Logged Event Codes [Diagnostic Clock = 454.9584 hours] - Machine Control 330 (FEK00219)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Machine Control 330 (FEK00219)

Code	Description
1969- 3	Boom Cylinder Head End Pressure Sensor : Voltage Above Normal

Active Event Codes - Machine Control 330 (FEK00219)

Code	Description
No Active Event Codes	

Current Totals - Machine Control 330 (FEK00219)

Description	Value	Unit
Total Operating Hours	455	hours
Engine Maintenance Hours	455	hours
Hydraulic Pump Hours	455	hours
Swing Motor Hours	129	hours
Travel Motor Hours	51	hours
Total Machine Operation Cycle Count	Unavailable	
Lifetime Total Payload Weight	Unavailable	tonne
Refueling Pump Hours	0	hours
Refueling Pump Screen Hours	0	hours

Configuration - Machine Control 330 (FEK00219)

Description	Value	Unit
Product ID	FEK00219	
Application Number	12337	
ECM Location Code	1	
Hydraulic Power Mode	Automatic	
Power Mode Power Up Default Configuration	Power	
Lighting Shutdown Timer Duration	1	min
Travel Alarm Installation Status	Not Installed	
Fine Swing System Installation Status	Not Installed	
Smart Boom Installation Status	Not Installed	
Boom Low Pressure Relief System Installation Status	Not Installed	

Attachment Hydraulic Oil Filter Switch Configuration	Not Installed	
Machine Overload Pressure Sensor Installation	Not Installed	
Fuel Tank Maximum Volume	519	L
Engine Speed Management Feature Installation Status	Unavailable	
Heavy Lift System Installation Status	Not Installed	
Quick Coupler Installation Status	Not Installed	
Boom Lower Check Valve Installation Status	Not Installed	
Stick Lower Check Valve Installation Status	Not Installed	
Hydraulic Oil Automatic Warm Up Feature Enable Status	Enabled	
Hydraulic Oil Automatic Warm Up Temperature Setpoint	40	Deg C
Operator Seat Belt Monitor Installation Status	Not Installed	
Engine Cooling Fan Map	High Ambient	
Engine Fan Reversing Feature Installation Status	Not Installed	
HVAC Elevated Idle Feature Enable Status	Enabled	
Right Attachment Pedal Installation Status	Not Installed	
Straight Travel Pedal Installation Status	Not Installed	
Joystick Mapping Group Selection	Disabled	
Travel Speed Shift Low Delay	0.4	sec
Travel Speed Shift High Delay	0.4	sec
Travel Speed Shift Low Pres	18131	kPa
Travel Speed Shift High Pressure	32031	kPa
One Touch Engine Speed Setting	1000	rpm
AESC Setting	1000	rpm
AESC Delay Time	5.0	sec
Throttle Dial Position 1 Engine Speed	950	rpm
Throttle Dial Position 2 Engine Speed	1050	rpm
Throttle Dial Position 3 Engine Speed	1150	rpm
Throttle Dial Position 4 Engine Speed	1350	rpm
Throttle Dial Position 5 Engine Speed	1550	rpm
Throttle Dial Position 6 Engine Speed	1650	rpm
Throttle Dial Position 7 Engine Speed	1750	rpm
Throttle Dial Position 1 Hydraulic System Torque Percentage	36.8	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	50.0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	60.9	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	77.8	%
Throttle Dial Position 5 Hydraulic System Torque Percentage	90.3	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	95.5	%

Throttle Dial Position 7 Hydraulic System Torque Percentage	100.0	%
Boom Lower Valve #1 Minimum Solenoid Current	0.734	Amps
Boom Raise Valve #1 Minimum Solenoid Current	0.730	Amps
Boom Raise Valve #2 Minimum Solenoid Current	0.866	Amps
Stick In Valve #1 Minimum Solenoid Current	0.760	Amps
Stick In Valve #2 Minimum Solenoid Current	0.877	Amps
Stick Out Valve #1 Minimum Solenoid Current	0.739	Amps
Bucket Close Valve Minimum Solenoid Current	0.740	Amps
Bucket Open Valve Minimum Solenoid Current	0.768	Amps
Swing Right Valve Minimum Solenoid Current	0.803	Amps
Swing Left Valve Minimum Solenoid Current	0.753	Amps
Left Travel Forward Valve Minimum Solenoid Current	0.758	Amps
Left Travel Backward Valve Minimum Solenoid Current	0.735	Amps
Right Travel Forward Valve Minimum Solenoid Current	0.744	Amps
Right Travel Backward Valve Minimum Solenoid Current	0.727	Amps
Stick Unload Valve Minimum Solenoid Current	0.789	Amps
Swing Priority Valve Minimum Solenoid Current	1.064	Amps
Boom Float Solenoid Minimum Current	0.759	Amps
Spool Response Selection	Fast	
Fine Mode Operator Adjustment Enable Status	Disabled	
Excavator Boom Configuration	Reach	
Remote Control System Installation	Unavailable	
Remote Control System Enable Status	Unavailable	
Remote Control System Temporary Installation Status	Unavailable	
Remote Control System Temporary Installation Time Remaining	Unavailable	min
Advanced Machine Security System Installation Status	Installed	
Operator Identification Enable Status	Enabled	
Operator Management Passcode Enabled Status	Enabled	
Operator Management Bluetooth Device Enabled Status	Disabled	
Security System Grace Time Period	900	sec

Sunday Security System Bypass Start Time	00:00	
Sunday Security System Bypass Stop Time	23:59	
Monday Security System Bypass Start Time	00:00	
Monday Security System Bypass Stop Time	23:59	
Tuesday Security System Bypass Start Time	00:00	
Tuesday Security System Bypass Stop Time	23:59	
Wednesday Security System Bypass Start Time	00:00	
Wednesday Security System Bypass Stop Time	23:59	
Thursday Security System Bypass Start Time	00:00	
Thursday Security System Bypass Stop Time	23:59	
Friday Security System Bypass Start Time	00:00	
Friday Security System Bypass Stop Time	23:59	
Saturday Security System Bypass Start Time	00:00	
Saturday Security System Bypass Stop Time	23:59	
Total Tattletale	0	

Calibration Status - Machine Control 330 (FEK00219)

Calibration	Status	Last Successful Completion
All Levers and Pedals Calibration	Success	0.3 hours
Inertial Measurement Unit Identification Calibration	Not Calibrated	Never Successfully Calibrated
Hydraulic Oil Cooling Fan Calibration	Unknown	Never Successfully Calibrated
All Pumps with Pump Pressure Calibration	Success	0.2 hours
All Implements with Pump Pressure Calibration	Success	0.5 hours
Engine Cooling Fan Calibration	Not Calibrated	Never Successfully Calibrated