

Cat Electronic Technician 2024C v1.0

Product Status Report

1/30/2025 3:40 PM

Product Status Report

Parameter	Value
Product ID	JGP10052
Equipment ID	JGP10052
Comments	

C15 374 (E4N00479)

Parameter	Value
Equipment ID	JGP10052
Engine Serial Number	E4N00479
ECM Part Number	5865301-00
ECM Serial Number	21110200201N003Q
Software Group Part Number	6012888-00
Software Group Release Date	OCT20
Software Group Description	374 HRC C15
Calibration Identification Number	FF102_05
Operator Inducement Regulation Configuration	Worldwide

Logged Diagnostic Codes [Total Operating Hours = 3059 hours] - C15 374 (E4N00479)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Total Operating Hours = 3059 hours] - C15 374 (E4N00479)

Code	Description	Occ.	First	Last
E114 (1)	Aftertreatment #1 DEF Dosing Unit #1 Input Lines Not Purged	11	3033	3058

Active Diagnostic Codes - C15 374 (E4N00479)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C15 374 (E4N00479)

Code	Description
No Active Events	

System Communication Status - Active Problems - C15 374 (E4N00479)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

System Communication Status - Inactive Problems - C15 374 (E4N00479)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

Current Totals - C15 374 (E4N00479)

Description	Value	Unit
Total Idle Time	859:33	hours
Total Fuel	32209	gal
Total Engine #1 Fuel	32039	gal
Total ARD Fuel	170.457	gal
Total Idle Fuel	1876	gal
Total Max Fuel	78149	gal
Aftertreatment #1 Total DEF Used	686.9	gal
Engine Lifetime Hours	3040.0	hours
Average Load Factor	39	%
Engine Starts	1136	
Lifetime Total Engine Revolutions	265599828	rev
Total Operating Hours	3059.3	hours
Operator Inducement Emergency Override Total Activations	0	
Operator Inducement Emergency Override Total Resets	0	
DPF #1 Last Ash Service Engine Lifetime Hours	0.0	hours
DPF #1 Hours Since Last Ash Service	3040.0	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	
Exhaust Particulate Control System Diagnostic Time	0	sec
Exhaust Particulate Control System Diagnostic Count	0	
SCR Operator Inducement Emergency Override Total Activation Time	0	sec
Starts/Hour	0.37	

Average RPM	1456.13	rpm
Percentage Idle Time	28.26	%
Average Fuel Rate	10.59	gal/h
Overall Load Factor	41	%

Configuration - C15 374 (E4N00479)

Description	Value	Unit
Equipment ID	JGP10052	
Engine Serial Number	E4N00479	
ECM Serial Number	21110200201N003Q	
Software Group Part Number	6012888-00	
Software Group Release Date	OCT20	
Software Group Description	374 HRC C15	
Rating Number	1	
Rated Power	485 hp at 1700 rpm	
Rated Peak Torque	1698 lb-ft at 1350 rpm	
Low Idle Speed	800	rpm
High Idle Speed	1770	rpm
Ether Solenoid Configuration	Not Installed	
Crankcase Pressure Sensor Installation Status	Not Installed	
Engine Coolant Dual Pressure Sensors Installation Status	Not Installed	
Engine Warm Up Elevated Idle Feature Enable Status	Enabled	
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	Enabled	
Delayed Engine Shutdown Maximum Time	10.0	min
Operator Inducement Progress Configuration	Reduced Performance	
Operator Inducement Regulation Configuration	Worldwide	
Operator Inducement Emergency Override Enable Status	Disabled	
Operator Inducement Emergency Override Activation	Not Activated	
Delayed Engine Shutdown Aftertreatment Gas Temperature Threshold	977.0	Deg F
Factory Installed Aftertreatment #1 Identification Number	FGD251632A	
Factory Installed Aftertreatment #2 Identification Number	NOT PROG	
ARD Fuel Pressure #2 System Installation Status	Installed	
DPF Type	Type 2	
System Operating Voltage Configuration	24 Volt	
FLS	-59	
FTS	90	

CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	3	

Lifetime:Accumulated Time vs Intake Manifold Pressure - C15 374 (E4N00479)

Intake Manifold Pressure(psi)	hours	%
<11.603	1165.75	38.59
11.603-13.052	152.70	5.05
13.053-14.503	144.75	4.79
14.504-15.953	146.70	4.86
15.954-17.404	156.40	5.18
17.405-18.854	169.80	5.62
18.855-20.304	244.45	8.09
20.305-21.755	132.85	4.40
21.756-23.205	109.25	3.62
23.206-24.655	104.50	3.46
24.656-26.106	98.70	3.27
26.107-27.556	99.80	3.30
27.557-29.007	118.90	3.94
29.008-30.457	145.90	4.83
30.458-31.907	29.75	0.98
31.908-33.358	0.60	0.02
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 - C15 374 (E4N00479)

Engine Coolant Temperature(Deg F)	hours	%
<32.00	0.15	0.00
32.00-40.99	0.15	0.00
41.00-49.99	0.70	0.02
50.00-58.99	1.65	0.05
59.00-67.99	2.75	0.09
68.00-76.99	4.05	0.13
77.00-85.99	5.50	0.18
86.00-94.99	6.90	0.23
95.00-103.99	8.15	0.27
104.00-112.99	8.70	0.29
113.00-121.99	9.75	0.32
122.00-130.99	12.20	0.40
131.00-139.99	18.85	0.62
140.00-148.99	22.05	0.73
149.00-157.99	23.00	0.76
158.00-166.99	26.60	0.88
167.00-175.99	181.20	6.00
176.00-184.99	958.55	31.73
185.00-193.99	743.15	24.60
194.00-202.99	840.90	27.84
203.00-211.99	145.95	4.83
212.00-220.99	0.00	0.00
221.00-229.99	0.00	0.00
230.00-238.99	0.00	0.00
239.00-247.99	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 - C15 374 (E4N00479)

Engine Speed(rpm)	Count	%
2500.0-2599.9	0	0.00
2600.0-2699.9	0	0.00
2700.0-2799.9	0	0.00
2800.0-2899.9	0	0.00
2900.0-2999.9	0	0.00
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 - C15 374 (E4N00479)

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	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	0.10	0.00	0.00	0.00	0.15	0.15	0.05	0.10	157.80
10.0-19.9	0.00	0.00	0.00	0.00	0.05	0.15	0.05	0.10	3.05
20.0-29.9	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.05	1.55
30.0-39.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55
40.0-49.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
50.0-59.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
60.0-69.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
70.0-79.9	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
80.0-89.9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0-100.0	0.65	0.00	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	1.40	0.00	0.00	0.00	0.20	0.35	0.10	0.25	163.20

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C15 374 (E4N00479)

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
%									
<0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.0-9.9	174.45	197.55	240.70	2.25	3.60	3.05	2.30	1.50	5.45

10.0-19.9	3.10	0.20	0.50	0.25	0.10	0.60	0.50	0.25	2.05
20.0-29.9	1.70	0.15	0.30	0.15	0.05	0.45	0.35	0.20	1.75
30.0-39.9	0.55	0.10	0.30	0.15	0.00	0.50	0.40	0.15	1.70
40.0-49.9	0.05	0.10	0.30	0.35	0.05	0.55	0.50	0.15	1.95
50.0-59.9	0.05	0.00	0.25	0.35	0.05	0.60	0.75	0.20	2.65
60.0-69.9	0.00	0.00	0.10	0.10	0.10	1.75	1.80	0.30	3.80
70.0-79.9	0.05	0.00	0.00	0.00	0.05	0.75	0.90	0.20	4.40
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.10	0.15	0.30	1.65
90.0-100.0	0.00	0.00	0.05	0.00	0.00	0.10	0.25	2.20	4.30
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	179.95	198.10	242.50	3.60	4.00	8.45	7.90	5.45	29.70

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C15 374 (E4N00479)

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	6.65	20.00	171.20	136.75	2.75	0.20	0.00	0.00	0.00
10.0-19.9	2.65	10.90	87.75	53.20	0.95	0.05	0.00	0.00	0.00
20.0-29.9	2.10	8.95	67.60	50.05	1.40	0.05	0.00	0.00	0.00
30.0-39.9	2.20	9.20	78.85	61.60	2.30	0.05	0.00	0.00	0.00
40.0-49.9	2.60	11.50	105.50	83.70	2.25	0.05	0.00	0.00	0.00
50.0-59.9	3.55	12.95	113.50	98.70	2.30	0.10	0.00	0.00	0.00
60.0-69.9	4.80	14.40	106.30	86.90	2.50	0.10	0.00	0.00	0.00
70.0-79.9	5.45	9.00	59.15	49.45	2.00	0.10	0.00	0.00	0.00
80.0-89.9	3.00	9.80	56.20	46.45	1.75	0.05	0.00	0.00	0.00
90.0-100.0	9.25	42.05	285.85	163.70	3.00	0.10	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	42.25	148.75	1131.90	830.50	21.20	0.85	0.00	0.00	0.00

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C15 374 (E4N00479)

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
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Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C15 374 (E4N00479)

rpm	2800.0-2849.9	2850.0-2899.9	2900.0-2949.9	2950.0-2999.9	3000.0-3049.9	3050.0-3099.9	3100.0-3149.9	3150.0-3199.9	3200.0-3249.9
%									
<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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0-19.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0-29.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0-39.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0-49.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0-59.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0-69.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0-79.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0-89.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0-100.0	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Lifetime:Accumulated Time vs Engine Speed And Percent Engine Load at Current Engine Speed - C15 374 (E4N00479)

rpm	3250.0-3300.0	>3300.0	Total
%			
<0.0	0.00	0.00	0.15
0.0-9.9	0.00	0.00	1126.75
10.0-19.9	0.00	0.00	166.45
20.0-29.9	0.00	0.00	136.90
30.0-39.9	0.00	0.00	158.60
40.0-49.9	0.00	0.00	209.70
50.0-59.9	0.00	0.00	236.05
60.0-69.9	0.00	0.00	223.00
70.0-79.9	0.00	0.00	132.00
80.0-89.9	0.00	0.00	119.50
90.0-100.0	0.00	0.00	511.50
>100.0	0.00	0.00	0.00
Total	0.00	0.00	3020.60

Lifetime:Accumulated Time vs Intake Manifold Air Temperature - C15 374 (E4N00479)

Intake Manifold Air Temperature(Deg F)	hours	%
<32.00	0.25	0.01

32.00-40.99	4.15	0.14
41.00-49.99	34.85	1.15
50.00-58.99	56.35	1.87
59.00-67.99	104.65	3.46
68.00-76.99	118.60	3.93
77.00-85.99	157.65	5.22
86.00-94.99	241.10	7.98
95.00-103.99	330.10	10.93
104.00-112.99	426.10	14.11
113.00-121.99	652.05	21.58
122.00-130.99	592.10	19.60
131.00-139.99	276.25	9.14
140.00-148.99	26.30	0.87
149.00-157.99	0.35	0.01
158.00-166.99	0.00	0.00
167.00-175.99	0.00	0.00
176.00-184.99	0.05	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

High Exhaust Temperature Prevention Derate Time - C15 374 (E4N00479)

Deg F	<104.00	104.00-112.99	113.00-121.99	122.00-130.99	131.00-139.99	140.00-148.99	149.00-157.99	158.00-166.99	167.00-175.99
psi									
<8.702	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.702-9.862	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.863-11.022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.023-12.182	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.183-13.342	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.343-14.504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
>14.504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

High Exhaust Temperature Prevention Derate Time - C15 374 (E4N00479)

Deg F	176.00-184.99	185.00-193.99	194.00-202.99	203.00-212.00	>212.00	Total
psi						
<8.702	0.00	0.00	0.00	0.00	0.00	0.00
8.702-9.862	0.00	0.00	0.00	0.00	0.00	0.00

>14.504	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Lifetime:Accumulated Time vs DPF #1 Soot Loading Percent And ARD Manual Disable Status - C15 374 (E4N00479)

%	<40	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119
ARD Manual Disable Status									
0	2563.25	269.95	114.70	50.30	22.45	0.30	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2563.25	269.95	114.70	50.30	22.45	0.30	0.00	0.00	0.00

Lifetime:Accumulated Time vs DPF #1 Soot Loading Percent And ARD Manual Disable Status - C15 374 (E4N00479)

%	120-129	130-140	>140	Total
ARD Manual Disable Status				
0	0.00	0.00	0.00	3020.95
1	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	3020.95

Injector Trim Calibration - C15 374 (E4N00479)

Injector	Serial Number	File Version
Injector1	000000006C0062741652	9
Injector2	000000006C0062728389	9
Injector3	000000006C006273450C	9
Injector4	000000006C006272859B	9
Injector5	000000006C0062737226	9
Injector6	000000006C00627288B8	9

Monitoring System - C15 374 (E4N00479)

High Fuel/Water Separator Water Level

232-1 High Fuel/Water Separator Water Level (Always On)

Description	Value	Delay Time
Enable Conditions		
Engine Run Time	0 sec	
Activation Thresholds		
Water In Fuel Indicator #1		5 sec

Action	Parameter	Value
Warn Operator		

232-2 High Fuel/Water Separator Water Level (Always On)

Description	Value	Delay Time
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Enable Conditions				
Engine Run Time		0 sec		
Activation Thresholds				
Water In Fuel Indicator #1				1800 sec

Action	Parameter		Value
Engine Derate			

Low Engine Oil Pressure

360-1 Low Engine Oil Pressure (On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		35 sec		
Activation Thresholds				
Engine Oil Pressure				8 sec

Action	Parameter		Value
Warn Operator			

360-2 Low Engine Oil Pressure (Off)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		35 sec		
Activation Thresholds				
Engine Oil Pressure				4 sec

Action	Parameter		Value
Engine Derate			

360-3 Low Engine Oil Pressure (On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		35 sec		
Activation Thresholds				
Engine Oil Pressure				8 sec

Action	Parameter		Value
Engine Shutdown			

High Engine Coolant Temperature

361-1 High Engine Coolant Temperature (Always On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Engine Coolant Temperature		228 Deg F		10 sec

Action	Parameter		Value
Warn Operator			

361-2 High Engine Coolant Temperature (On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Engine Coolant Temperature		232 Deg F		20 sec

Action	Parameter		Value
Engine Derate			

361-3 High Engine Coolant Temperature (Off)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Engine Coolant Temperature		237 Deg F		10 sec

Action	Parameter		Value
Engine Shutdown			

Engine Overspeed

362-1 Engine Overspeed (Always On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		0 sec		
Activation Thresholds				
Engine Speed		2600 rpm		0.6 sec

Action	Parameter		Value
Warn Operator			

362-3 Engine Overspeed (On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		0 sec		
Activation Thresholds				
Engine Speed		2800 rpm		0.6 sec

Action	Parameter		Value
Engine Shutdown			

High Fuel Supply Temperature

363-1 High Fuel Supply Temperature (Off)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Fuel Temperature		181 Deg F		30 sec

Action	Parameter		Value
Warn Operator			

363-2 High Fuel Supply Temperature (On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Fuel Temperature		174 Deg F		30 sec

Action	Parameter		Value
Engine Derate			

363-3 High Fuel Supply Temperature (Off)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		180 sec		
Activation Thresholds				
Fuel Temperature		185 Deg F		30 sec

Action	Parameter		Value
Engine Shutdown			

Fuel Filter Restriction

390-1 Fuel Filter Restriction (Always On)

Description		Value		Delay Time
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Action	Parameter		Value
Warn Operator			

390-2 Fuel Filter Restriction (Always On)

Description		Value		Delay Time
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Action	Parameter		Value
Engine Derate			

High Intake Manifold Air Temperature

539-1 High Intake Manifold Air Temperature (On)

Description		Value		Delay Time
<u>Enable Conditions</u>				
Boost Pressure		4 psi		
Engine Run Time		180 sec		
<u>Activation Thresholds</u>				
Intake Manifold Air Temperature		239 Deg F		4 sec

Action	Parameter		Value
Warn Operator			

539-2 High Intake Manifold Air Temperature (On)

Description		Value		Delay Time
<u>Enable Conditions</u>				
Boost Pressure		4 psi		
Engine Run Time		180 sec		
<u>Activation Thresholds</u>				
Intake Manifold Air Temperature		248 Deg F		4 sec

Action	Parameter		Value
Engine Derate			

539-3 High Intake Manifold Air Temperature (Off)

Description		Value		Delay Time
Enable Conditions				
Boost Pressure		4 psi		
Engine Run Time		180 sec		
Activation Thresholds				
Intake Manifold Air Temperature		257 Deg F		4 sec

Action	Parameter		Value
Engine Shutdown			

High Engine Air Filter #1 Differential Pressure

583-1 High Engine Air Filter #1 Differential Pressure (Always On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		60 sec		
Activation Thresholds				
Activation Sample Size		250		
Deactivation Conditions				
Deactivation Sample Size		10		

Action	Parameter		Value
Warn Operator			

583-2 High Engine Air Filter #1 Differential Pressure (Always On)

Description		Value		Delay Time
Enable Conditions				
Engine Run Time		60 sec		
Activation Thresholds				
Activation Sample Size		1000		
Deactivation Conditions				
Deactivation Sample Size		10		

Action	Parameter		Value
Engine Derate			

Aftertreatment Regeneration History - C15 374 (E4N00479)

Aftertreatment Regeneration Speed Type	Aftertreatment Regeneration Trigger Type	ARD Auto Regeneration Enable Status	Regeneration Start Time	Regeneration Trigger Service Hours	Application Regeneration Readiness Status	Aftertreatment Regeneration Trigger Percent Soot	Aftertreatment Regeneration End Speed Type	Aftertreatment Regeneration End Trigger Type
Low Speed	Start	Enabled	1/28/2025 12:21:37 PM	3058.91 hours	6	0 %	Low Speed	Start
High Speed	Start	Enabled	1/27/2025 1:06:52 PM	3058.53 hours	3	0 %	High Speed	Start
High Speed	Start	Enabled	1/26/2025 2:47:58 PM	3058.31 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	1/20/2025 6:13:38 PM	3057.72 hours	2	0 %	High Speed	Start
Low Speed	Start	Enabled	1/18/2025 1:53:00 PM	3056.84 hours	6	0 %	High Speed	Start
High Speed	Start	Enabled	1/17/2025 7:17:31 PM	3055.89 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	1/16/2025 12:40:33 PM	3055.66 hours	6	0 %	High Speed	Start
High Speed	Start	Enabled	1/16/2025 12:28:53 PM	3055.47 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	1/15/2025 3:35:40 PM	3053.95 hours	3	0 %	High Speed	Start
High Speed	Start	Enabled	1/10/2025 5:58:41 PM	3053.85 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	12/28/2024 3:28:53 PM	3053.45 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	12/13/2024 9:56:22 AM	3053.08 hours	1	0 %	High Speed	Start
High Speed	Start	Enabled	12/4/2024 2:42:58 PM	3053.02 hours	1	0 %	High Speed	Start
Low Speed	Start	Enabled	12/2/2024 7:30:08 AM	3052.13 hours	6	0 %	High Speed	Start
High Speed	Start	Enabled	11/29/2024 1:51:49 PM	3051.66 hours	2	5 %	High Speed	Start

Low Speed	Start	Enabled	11/21/2024 10:56:04 AM	3051.15 hours	6	10 %	High Speed	Start
High Speed	Start	Enabled	11/18/2024 8:25:44 AM	3050.59 hours	1	10 %	High Speed	Start
High Speed	Start	Enabled	11/15/2024 8:22:02 AM	3049.93 hours	1	16 %	High Speed	Start
High Speed	Start	Enabled	11/11/2024 3:37:45 PM	3049.74 hours	1	16 %	High Speed	Start
Low Speed	Start	Enabled	11/7/2024 10:57:47 AM	3048.01 hours	6	24 %	High Speed	Start
High Speed	Start	Enabled	11/6/2024 10:52:10 AM	3046.89 hours	6	29 %	High Speed	Start
Low Speed	Start	Enabled	11/6/2024 7:51:14 AM	3046.67 hours	6	38 %	Low Speed	Start
High Speed	Start	Enabled	10/8/2024 9:30:21 AM	3045.87 hours	1	44 %	High Speed	Start
High Speed	Start	Enabled	9/26/2024 8:06:43 AM	3045.61 hours	1	46 %	High Speed	Start
High Speed	Start	Enabled	8/13/2024 11:05:06 PM	3044.95 hours	1	51 %	High Speed	Start
High Speed	Start	Enabled	8/12/2024 10:17:20 PM	3044.95 hours	1	51 %	High Speed	Start
High Speed	Start	Enabled	8/10/2024 2:58:50 AM	3042.40 hours	3	52 %	High Speed	Start
High Speed	Start	Enabled	8/8/2024 10:45:50 PM	3040.76 hours	1	50 %	High Speed	Start
High Speed	Start	Enabled	8/6/2024 10:24:52 PM	3040.53 hours	3	49 %	High Speed	Start
High Speed	Start	Enabled	8/4/2024 9:41:53 PM	3039.04 hours	6	53 %	High Speed	Start
High Speed	Start	Enabled	8/1/2024 10:49:49 PM	3038.99 hours	6	53 %	High Speed	Start
High Speed	Start	Enabled	7/31/2024 9:15:16 PM	3038.90 hours	6	53 %	High Speed	Start
High Speed	Start	Enabled	7/30/2024 10:51:50 PM	3036.96 hours	6	60 %	High Speed	Start

High Speed	Start	Enabled	6/23/2024 1:20:38 AM	3036.90 hours	1	60 %	High Speed	Start
High Speed	Start	Enabled	6/22/2024 5:57:31 AM	3036.83 hours	1	61 %	High Speed	Start
Low Speed	Start	Enabled	6/21/2024 5:05:25 AM	3035.71 hours	6	68 %	High Speed	Start
High Speed	Start	Enabled	6/18/2024 11:44:32 PM	3034.94 hours	6	73 %	High Speed	Start
High Speed	Start	Enabled	6/13/2024 5:24:48 AM	3031.52 hours	6	74 %	High Speed	Start
High Speed	Start	Enabled	6/12/2024 10:34:04 PM	3031.45 hours	1	75 %	High Speed	Start
High Speed	ARD Maintenance	Enabled	6/12/2024 2:49:59 AM	3029.14 hours	2	78 %	High Speed	ARD Maintenance

Regeneration End Time	Regeneration Completion Service Hours	Aftertreatment Regeneration End Percent Soot	Aftertreatment Regeneration End Status
1/28/2025 12:30:13 PM	3059.05 hours	0 %	Complete
1/27/2025 1:15:00 PM	3058.66 hours	0 %	Complete
1/26/2025 2:56:04 PM	3058.44 hours	0 %	Complete
1/20/2025 6:21:58 PM	3057.86 hours	0 %	Complete
1/18/2025 2:01:29 PM	3056.98 hours	0 %	Complete
1/17/2025 7:22:06 PM	3055.96 hours	0 %	Work
1/16/2025 12:48:58 PM	3055.80 hours	0 %	Complete
1/16/2025 12:35:58 PM	3055.59 hours	0 %	Work
1/15/2025 3:44:17 PM	3054.09 hours	0 %	Complete
1/10/2025 6:00:24 PM	3053.88 hours	0 %	Work
12/28/2024 3:37:05 PM	3053.59 hours	0 %	Complete
12/13/2024 10:04:20 AM	3053.21 hours	0 %	Complete
12/4/2024 2:43:08 PM	3053.02 hours	0 %	Work
12/2/2024 7:38:33 AM	3052.27 hours	0 %	Complete
11/29/2024 1:59:58 PM	3051.79 hours	0 %	Complete
11/21/2024 11:04:31 AM	3051.29 hours	2 %	Complete
11/18/2024 8:28:24 AM	3050.64 hours	8 %	Work
11/15/2024 8:30:16 AM	3050.07 hours	7 %	Complete
11/11/2024 3:40:26 PM	3049.78 hours	15 %	Work
11/7/2024 11:06:27 AM	3048.15 hours	13 %	Complete
11/6/2024 11:00:36 AM	3047.03 hours	21 %	Complete
11/6/2024 7:59:42 AM	3046.82 hours	27 %	Complete
10/8/2024 9:38:39 AM	3046.01 hours	34 %	Complete
9/26/2024 8:11:12 AM	3045.69 hours	43 %	Work

8/13/2024 11:13:25 PM	3045.09 hours	41 %	Complete
8/12/2024 10:18:38 PM	3044.97 hours	49 %	Work
8/10/2024 3:07:08 AM	3042.54 hours	43 %	Complete
8/8/2024 10:48:03 PM	3040.80 hours	48 %	Work
8/6/2024 10:27:55 PM	3040.58 hours	47 %	Work
8/4/2024 9:50:17 PM	3039.18 hours	45 %	Complete
8/1/2024 10:50:14 PM	3039.00 hours	53 %	Work
7/31/2024 9:18:54 PM	3038.96 hours	50 %	Work
7/30/2024 11:00:10 PM	3037.09 hours	49 %	Complete
6/23/2024 1:21:25 AM	3036.91 hours	60 %	Work
6/22/2024 5:58:33 AM	3036.85 hours	60 %	Work
6/21/2024 5:14:17 AM	3035.86 hours	56 %	Complete
6/18/2024 11:52:37 PM	3035.08 hours	61 %	Complete
6/13/2024 5:33:12 AM	3031.66 hours	63 %	Complete
6/12/2024 10:35:42 PM	3031.47 hours	74 %	Work
6/12/2024 2:57:49 AM	3029.27 hours	70 %	Complete

Aftertreatment Abnormal Shutdown History - C15 374 (E4N00479)

History Data

No history data available.

Engine Derate History - C15 374 (E4N00479)

History Data

No history data available.

Engine Protection Event History - Lifetime - C15 374 (E4N00479)

History Data

No history data available.

Engine Forced Shutdown History - C15 374 (E4N00479)

History Data

No history data available.

Engine Protection Event History - C15 374 (E4N00479)

History Data

No history data available.

Service Test History - C15 374 (E4N00479)

Service Test Name	Total Operating Hours	Service Test Error ID	Service Test Status
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Aftertreatment #1 System Functional Test	1.8 hours	1180	Incomplete
Aftertreatment #1 System Functional Test	1.9 hours	112C	Incomplete
Aftertreatment #1 System Functional Test	1.9 hours	0002	Incomplete
Aftertreatment #1 System Functional Test	2.1 hours	0000	Complete
Aftertreatment #1 System Functional Test	7.7 hours	1180	Incomplete
Aftertreatment #1 System Functional Test	7.8 hours	0000	Complete
ARD Ignition Test	8.9 hours	0000	Complete

Diesel Oxidation Catalyst Replacement - C15 374 (E4N00479)

Description	Value
Engine Lifetime Hours	Unavailable
Total Operating Hours	Unavailable

History Data

No history data available.

Aftertreatment #1 SCR Catalyst Replacement - C15 374 (E4N00479)

Description	Value
Engine Lifetime Hours	Unavailable
Total Operating Hours	Unavailable

History Data

No history data available.

DPF Ash Service - C15 374 (E4N00479)

Description	Value
DPF #1 Ash Service Status	Unavailable
Engine Lifetime Hours	Unavailable
Total Operating Hours	Unavailable
DPF #1 Hours Since Last Ash Service	Unavailable

History Data

No history data available.

Monitor System

Parameter	Value
ECM Part Number	5845632-01
Software Group Part Number	6260952-00
Software Group Release Date	Nov2022
Software Group Description	HEX MONITOR

Operation and Maintenance Manual Software Part Number	6149581-00
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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 Events	

System Communication Status - Active Problems - Monitor System

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

System Communication Status - Inactive Problems - Monitor System

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

Configuration - Monitor System

Description	Value	Unit
Display Service Password		

Port Statistics Snapshot - Monitor System

Port Statistics Snapshot
Data Unavailable

Machine Control 374 (JGP10052)

Parameter	Value
Product ID	JGP10052
Application Number	29952
ECM Part Number	4899456-06
ECM Serial Number	22012100305V000D
Software Group Part Number	6306233-00
Software Group Release Date	NOV2022

Software Group Description	374 HEX CONTROL
ECM Location Code	1

Logged Diagnostic Codes [Diagnostic Clock = 3059 hours] - Machine Control 374 (JGP10052)

Code	Description	Occ.	First	Last
2855- 7	Main Hydraulic Pump #1 Solenoid : Not Responding Properly	9	16	2575
2856- 7	Main Hydraulic Pump #2 Solenoid : Not Responding Properly	9	16	2575

Logged Event Codes [Diagnostic Clock = 3059 hours] - Machine Control 374 (JGP10052)

Code	Description	Occ.	First	Last
E534 (2)	Swing Movement Detected With No Command Given	2	1353	1353

Active Diagnostic Codes - Machine Control 374 (JGP10052)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Machine Control 374 (JGP10052)

Code	Description
No Active Events	

System Communication Status - Active Problems - Machine Control 374 (JGP10052)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

System Communication Status - Inactive Problems - Machine Control 374 (JGP10052)

ECMs	Detected Problem	Data Link	Diagnostic Information
No issues were reported			

Current Totals - Machine Control 374 (JGP10052)

Description	Value	Unit
Total Operating Hours	3059	hours
Engine Maintenance Hours	3058	hours
Hydraulic Pump Hours	3058	hours
Swing Motor Hours	1769	hours
Travel Motor Hours	232	hours
Refueling Pump Hours	0	hours
Refueling Pump Screen Hours	0	hours

Configuration - Machine Control 374 (JGP10052)

Description	Value	Unit
Product ID	JGP10052	
Application Number	29952	
ECM Location Code	1	

Hydraulic Power Mode	High	
Power Mode Power Up Default Configuration	Power	
Lighting Shutdown Timer Duration	1	min
Travel Alarm Installation Status	Not Installed	
Travel Alarm Cancel Switch Installation Status	Unavailable	
Smart Boom Installation Status	Not Installed	
Attachment Hydraulic Oil Filter Switch Configuration	Not Installed	
Machine Overload Pressure Sensor Installation	Not Installed	
Engine Speed Management Feature Installation Status	Not Installed	
Heavy Lift System Installation Status	Installed	
Quick Coupler Installation Status	Not Installed	
Pin Grabber Quick Coupler Wedge Cycle Reminder Enable Status	Unavailable	
Hydraulic Oil Automatic Warm Up Feature Enable Status	Enabled	
Hydraulic Oil Automatic Warm Up Temperature Setpoint	104	Deg F
Counterweight Removal System Installation Status	Not Installed	
Counterweight Removal System Flow Command Gain Percentage	Unavailable	%
Camera Lights Installation Status	Not Installed	
Engine Oil Capacity	Unavailable	gal
Swing Angle Sensor Installation Status	Installed	
HVAC System Installation Status	Installed	
Roof Wiper Installation Status	Not Installed	
Entertainment Module Installation Status	Installed	
Entertainment Module Type Configuration Code	1	
Product Link Type Configuration	Not Installed	
Swing Brake Release Solenoid Type Configuration	Proportional	
Rear Work Light Switched Power Supply Circuit Installation Status	Unavailable	
Operator Camera Vertical Split View Default Allowed Enable	Unavailable	
Operator Camera Horizontal Split View Default Allowed Enable	Unavailable	
Operator Camera Top Surround View Default Allowed Enable	Unavailable	
Operator Seat Belt Monitor Installation Status	Installed	
Operator Seat Belt Audible Alarm Snooze Enable Status	Enabled	
Operator Seat Belt Unfastened While Machine is Not Idle Event Enable Status	Unavailable	
Operator Seat Belt Beacon Installation Status	Not Installed	

Engine Cooling Fan Map	Unavailable	
Engine Fan Reversing Feature Installation Status	Installed	
Auto Dedusting Fan System Enable Status	Enabled	
Engine Fan Reverse Operation Interval	60	min
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	Four Way	
Joystick Mapping Configuration	SAE Mapping	
Travel Speed Shift Low Delay	0.4	sec
Travel Speed Shift High Delay	0.4	sec
Travel Speed Shift Low Pres	2611	psi
Travel Speed Shift High Pressure	4641	psi
One Touch Engine Speed Setting	1100	rpm
AESC Setting	1100	rpm
AESC Delay Time	5.0	sec
Throttle Dial Position 1 Engine Speed	1000	rpm
Throttle Dial Position 2 Engine Speed	1100	rpm
Throttle Dial Position 3 Engine Speed	1150	rpm
Throttle Dial Position 4 Engine Speed	1300	rpm
Throttle Dial Position 5 Engine Speed	1450	rpm
Throttle Dial Position 6 Engine Speed	1550	rpm
Throttle Dial Position 7 Engine Speed	1600	rpm
Throttle Dial Position 1 Hydraulic System Torque Percentage	32.0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	43.6	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	55.7	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	73.8	%
Throttle Dial Position 5 Hydraulic System Torque Percentage	88.3	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	92.9	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	100.0	%
Boom Lower Valve #1 Minimum Solenoid Current	0.891	Amps
Boom Lower Valve #2 Minimum Solenoid Current	0.891	Amps
Boom Raise Valve #1 Minimum Solenoid Current	0.938	Amps
Boom Raise Valve #2 Minimum Solenoid Current	0.940	Amps
Stick In Valve #1 Minimum Solenoid Current	0.881	Amps
Stick In Valve #2 Minimum Solenoid Current	0.879	Amps

Stick Out Valve #1 Minimum Solenoid Current	0.968	Amps
Stick Out Valve #2 Minimum Solenoid Current	0.940	Amps
Bucket Close Valve Minimum Solenoid Current	0.951	Amps
Bucket Open Valve Minimum Solenoid Current	0.882	Amps
Pump To Bucket Head End Solenoid Minimum Current	0.940	Amps
Pump To Bucket Rod End Solenoid Minimum Current	0.879	Amps
Swing Right Valve Minimum Solenoid Current	Unavailable	Amps
Swing Left Valve Minimum Solenoid Current	Unavailable	Amps
Left Travel Forward Valve Minimum Solenoid Current	0.980	Amps
Left Travel Backward Valve Minimum Solenoid Current	0.961	Amps
Right Travel Forward Valve Minimum Solenoid Current	0.985	Amps
Right Travel Backward Valve Minimum Solenoid Current	0.946	Amps
Stick Unload Valve Minimum Solenoid Current	0.824	Amps
Main Hydraulic Pump #1 Solenoid Minimum Current	0.887	Amps
Main Hydraulic Pump #2 Solenoid Minimum Current	0.885	Amps
Main Hydraulic Pump #1 Solenoid Maximum Current	1.611	Amps
Main Hydraulic Pump #2 Solenoid Maximum Current	1.607	Amps
Pump to Swing Motor Left Solenoid Minimum Current	0.904	Amps
Pump to Swing Motor Right Solenoid Minimum Current	0.930	Amps
Boom Regeneration Valve Minimum Solenoid Current	0.000	Amps
Swing Pump Port A Minimum Solenoid Current	0.487	Amps
Swing Pump Port B Minimum Solenoid Current	0.546	Amps
Swing Flow Limit Minimum Solenoid Current	0.769	Amps
Hydraulic System Bypass #1 Solenoid Minimum Current	1.214	Amps
Hydraulic System Bypass #2 Solenoid Minimum Current	1.154	Amps
Hydraulic System Bypass #1 Solenoid Maximum Current	Unavailable	Amps
Hydraulic System Bypass #2 Solenoid Maximum Current	Unavailable	Amps

Swing Brake Release Solenoid Minimum Current	0.776	Amps
Swing Brake Release Solenoid Maximum Current	0.955	Amps
Spool Response Selection	Fast	
Boom Response Rate Setting	Unavailable	
Stick Response Rate Setting	Unavailable	
Bucket Response Rate Setting	Unavailable	
Swing Response Selection	Unavailable	
Travel Response Selection	Unavailable	
Offset Boom Response Rate Setting	Unavailable	
Variable Angle Boom Response Rate Setting	Unavailable	
Fine Mode Operator Adjustment Enable Status	Disabled	
Excavator Boom Configuration	Reach	
Hydraulic Valve Control Type		
Excavator Stick Configuration	Long	
Jog Dial Module Installation Status	Installed	
Swing Speed Limit System Installation Status	Unavailable	
Swing Speed Performance Mode Enable Status	Unavailable	
Swing Acceleration Performance Mode Enable Status	Unavailable	
Entertainment Module Microphone Installation Status	Unavailable	
Remote Control Operator Station Installation Status	Not Installed	
Remote Control System Installation Status	Not Installed	
Joystick Steering Feature Installation Status	Not Installed	
Joystick Steering Feature Temporary Installation Status	Not Installed	
Auto Lube System Installation Status	Not Installed	
Horn Activation Lighting Flash Enable Status	Enabled	
Horn Activation Lighting Flash Minimum Count	2	
Auxiliary Relay Module Installation Status	Not Installed	
Auxiliary Relay #1 User Defined Name	User Defined Name	
Auxiliary Relay #2 User Defined Name	User Defined Name	
Auxiliary Relay #3 User Defined Name	User Defined Name	
Auxiliary Relay #4 User Defined Name	User Defined Name	
Advanced Machine Security System Installation Status	Installed	
Security System Authentication Device Registration Bypass Enable Status	Disabled	
Operator Identification Enable Status	Enabled	
Operator Management Passcode Enabled Status	Enabled	

Operator Management Bluetooth Device Enabled Status	Enabled	
Security System Grace Time Period	900	sec
Sunday Security System Bypass Start Time	00:00	
Sunday Security System Bypass Stop Time	00:00	
Monday Security System Bypass Start Time	00:00	
Monday Security System Bypass Stop Time	00:00	
Tuesday Security System Bypass Start Time	00:00	
Tuesday Security System Bypass Stop Time	00:00	
Wednesday Security System Bypass Start Time	00:00	
Wednesday Security System Bypass Stop Time	00:00	
Thursday Security System Bypass Start Time	00:00	
Thursday Security System Bypass Stop Time	00:00	
Friday Security System Bypass Start Time	00:00	
Friday Security System Bypass Stop Time	00:00	
Saturday Security System Bypass Start Time	00:00	
Saturday Security System Bypass Stop Time	00:00	
Total Tattletale	Unavailable	
Operator Station Avoidance Enable Display Lock Status	Unavailable	
Advanced Implement Installation Status	Not Installed	
Advanced Implement Temporary Installation Status	Not Installed	
Advanced Implement Individual Spool Response Enable Status	Unavailable	
Custom Implement Control Installation Status	Not Installed	
Custom Implement Control Temporary Installation Status	Not Installed	
Custom Joystick Mapping 1 Mode A/B Combined Enable Status	Unavailable	
Custom Joystick Mapping 2 Mode A/B Combined Enable Status	Unavailable	
Foundation Drill Application Support Installation Status	Unavailable	
Swing Brake Solenoid Installation Status	Unavailable	
Engine Cooling Fan Solenoid Installation Status	Unavailable	
Stick Cylinder Pressure Sensor Installation Status	Unavailable	
Boom Cylinder Pressure Sensor Installation Status	Unavailable	

Bucket Cylinder Pressure Sensor Installation Status	Unavailable	
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Calibration Status - Machine Control 374 (JGP10052)

Calibration	Status	Last Successful Completion
All Levers and Pedals Calibration	Success	1283.5 hours
Inertial Measurement Unit Identification Calibration	Success	7.2 hours
Hydraulic Oil Cooling Fan Calibration	Success	1.0 hours
Attachment Valves with Pump Pressure Calibration	Success	1650.5 hours
All Pumps with Pump Pressure Calibration	Success	1650.1 hours
All Implements with Pump Pressure Calibration	Success	1654.4 hours
Engine Cooling Fan Calibration	Success	1.0 hours
Attachment #3 Valve Calibration	Failed	8.8 hours
	Error: 000B Calibration not supported	
	Error: 0009 Aborted by ECM	
Swing Brake Solenoid Calibration	Success	1478.0 hours

Port Statistics Snapshot - Machine Control 374 (JGP10052)

J1/P1:65 J1/P1:66

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Signal Quality	Excellent
Network Bandwidth	100 Mbit/s
Number of Transmitted Octets	1342
Number of Received Octets	26632
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:63 J1/P1:64

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Signal Quality	Excellent
Network Bandwidth	100 Mbit/s
Number of Transmitted Octets	36924
Number of Received Octets	12858
Number of Inbound Discarded Packets	0

Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

Wireless Transceiver

Parameter	Value
ECM Part Number	4620441-05
ECM Serial Number	3361B320NS
Software Group Part Number	5813903-00
Software Group Release Date	AUG19
Software Group Description	Bluetooth Transceiver

Product Link Elite (JGP10052)

Parameter	Value
Product ID	JGP10052
Machine Serial Number	
Equipment ID	
ECM Part Number	4946472-11
ECM Serial Number	2202090090D3000M
Software Group Part Number	6254540-00
Software Group Release Date	MAR2022
Software Group Description	VIMS_TELEMATICS_2022_03_17
Application Software Part Number	5812154-00
Cellular Device ECM Serial Number	21121600H0RS0058
Cellular Device ECM Hardware Part Number	5503269-11
Cellular Radio Module Software Part Number	6467499-00
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 = 3059 hours] - Product Link Elite (JGP10052)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Total Operating Hours = 3059 hours] - Product Link Elite (JGP10052)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link Elite (JGP10052)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link Elite (JGP10052)

Code	Description
No Active Events	

Current Totals - Product Link Elite (JGP10052)

Description	Value	Unit
Total Operating Hours	3059.3	hours
Total Distance	7.02	Miles

Configuration - Product Link Elite (JGP10052)

Description	Value	Unit
Product ID	JGP10052	
Equipment ID		
CAT Data Link Module Identifier Configuration	Gateway #1	
Machine Serial Number		
Maintenance Mode	Off	
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	
Telematics Enhanced Data Connector Installation Status	Not Installed	
Telematics Enhanced Data Connector Enable Status	Disabled	
Telematics Enhanced Data Connector Temporary Installation Status	Not Installed	
Telematics Enhanced Data Connector Temporary Installation Time Remaining	43200	min
Mining Aftermarket System Installation Status	Unavailable	
Production Measurement Feature Installation Status	Unavailable	

Port Statistics Snapshot - Product Link Elite (JGP10052)**J2/P2:34 J2/P2:35**

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Signal Quality	Unstable

Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	0
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J2/P2:18 J2/P2:19

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Signal Quality	Excellent
Network Bandwidth	100 Mbit/s
Number of Transmitted Octets	564220
Number of Received Octets	518507
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:20 J1/P1:21

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Signal Quality	Unstable
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	0
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:18 J1/P1:19

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Signal Quality	Unstable
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	0
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0

Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:34 J1/P1:35

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Signal Quality	Unstable
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	448
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J3:20 J3:21

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Signal Quality	Unstable
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	49132
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J2/P2:1 J2/P2:2 J2/P2:3 J2/P2:4

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Network Bandwidth	10 Mbit/s
Number of Transmitted Octets	1293184
Number of Received Octets	2769756
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J2/P2:36 J2/P2:37 J2/P2:38 J2/P2:39

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0

Network Bandwidth	10 Mbit/s
Number of Transmitted Octets	26308
Number of Received Octets	44651
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:36 J1/P1:37 J1/P1:38 J1/P1:39

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	0
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:41 J1/P1:42 J1/P1:43 J1/P1:44

Description	Value
Network Media Duplex Mode	Unknown
Number of Network Collisions	0
Network Bandwidth	0 Mbit/s
Number of Transmitted Octets	0
Number of Received Octets	0
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Down
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J3:39 J3:40 J3:41 J3:42

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Network Bandwidth	10 Mbit/s
Number of Transmitted Octets	1972306
Number of Received Octets	1206232
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

Implement Control #3 (JGP10052)

Parameter	Value
Product ID	JGP10052
ECM Part Number	4920306-04
ECM Serial Number	210909005055000F
Software Group Part Number	6306235-00
Software Group Release Date	NOV2022
Software Group Description	HEX CONTROL TERTIARY

Logged Diagnostic Codes [Diagnostic Clock = 3059 hours] - Implement Control #3 (JGP10052)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 3059 hours] - Implement Control #3 (JGP10052)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Implement Control #3 (JGP10052)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement Control #3 (JGP10052)

Code	Description
No Active Events	

Configuration - Implement Control #3 (JGP10052)

Description	Value	Unit
Product ID	JGP10052	
ECM Location Code	4	

Calibration Status - Implement Control #3 (JGP10052)

Calibration	Status	Last Successful Completion
Attachment Valve #4 Retract	Unknown	Unknown
Attachment Valve #4 Extend	Unknown	Unknown

Implement Control #2 (JGP10052)

Parameter	Value
Product ID	JGP10052
ECM Part Number	4899456-06
ECM Serial Number	22012100305P000D
Software Group Part Number	6306234-00
Software Group Release Date	NOV2022
Software Group Description	HEX CONTROL SECONDARY
Grade Control Module Serial Number	

Grade Control Module Software Group Part Number	
Grade Control Module Hardware Part Number	
Grade Control Module Software Group Release Date	
Grade Control Module Software Group Version	
Grade Control Display Serial Number	
Grade Control Display Software Version	

Logged Diagnostic Codes [Diagnostic Clock = 3059 hours] - Implement Control #2 (JGP10052)

Code	Description	Occ.	First	Last
2426- 9	Stick Angle Sensor : Abnormal Update Rate	126	16	3056
4576- 3	Bucket Angle Sensor : Voltage Above Normal	4	3028	3052
1952- 9	Chassis Angle Sensor : Abnormal Update Rate	22	69	3052
2425- 9	Boom Angle Sensor : Abnormal Update Rate	19	325	3050

Logged Event Codes [Diagnostic Clock = 3059 hours] - Implement Control #2 (JGP10052)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Implement Control #2 (JGP10052)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement Control #2 (JGP10052)

Code	Description
No Active Events	

System Communication Status - Active Problems - Implement Control #2 (JGP10052)

ECMs	Detected Problem	Data Link	Diagnostic Information
Error retrieving System Communication Status data			

System Communication Status - Inactive Problems - Implement Control #2 (JGP10052)

ECMs	Detected Problem	Data Link	Diagnostic Information
Error retrieving System Communication Status data			

Current Totals - Implement Control #2 (JGP10052)

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

Tool #6 Hours	0	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	223	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	0	hours
Total Boom Assist Function On Hours	0	hours
Total Bucket Assist Function On Hours	0	hours
Total Cab Avoidance Function On Hours	0	hours
Total Basic Display Grade Control Indicate Function Usage Hours	443	hours
Total Payload Monitoring Function On Hours	8	hours
Total E-Fence Function On Hours	0	hours
Total Grade Assist Function On Hours	0	hours
Total Swing Assist Function On Hours	0	hours
Total Advanced Display Grade Control Indicate Function Usage Hours	1795	hours
Total Implement Ease Of Use Features Usage Hours	448	hours
Total Lift Assist Function On Hours	0	hours
Total Advanced Grade Control System On Hours	0	hours
Total Third Party Grade Control System On Hours	0	hours

Configuration - Implement Control #2 (JGP10052)

Description	Value	Unit
Product ID	JGP10052	
ECM Location Code	2	
Machine Application Configuration	Common - Electrical	
Variable Adjustable Boom Installation Status	Not Installed	
Blade Installation Status	Not Installed	

Attachment Valve #1 Configuration	One Way or Two Way - Pump #1	
Attachment Valve #2 Configuration	One Way or Two Way - Pump #2	
Attachment Valve #3 Configuration	Not Installed	
Attachment Valve #4 Configuration	Not Installed	
Attachment Valve #5 Configuration	Not Installed	
Attachment Valve #1 Combiner Configuration	Valve #2 Combined with Valve #1	
Variable Relief Valve #1 Configuration	Installed on Valve #1 Extend port	
Variable Relief Valve #2 Configuration	Installed on Valve #1 Retract port	
Multi-Function with Combined Attachments Automatic Control Installation	Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	0	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	0	%
Work Tool Detection Enable Status	Enabled	
Tool Program Coupler System MAC Address	00:00:00:00:00:00	
Tool Program Coupler System Part Number	0000000	
Tool Program Tilt System MAC address	00:00:00:00:00:00	
Tool Program Tilt System Part Number	0000000	
Tilt Bucket Angle Sensor Installation Status	Unavailable	
Generator Speed Sensor Type Configuration Code	Unavailable	
Third Party Genset Management Enable Status	Unavailable	
Joystick Handle Configuration	Modulation Handle	
Joystick Handle Thumbwheel Input Type	PWM	
Left Attachment Pedal Installation Status	Not Installed	
Crane System Installation Status	Not Installed	
Counterweight Weight	12.3	ton
Grade Control System Installation Status	Installed	
Boom Cylinder Maximum Extension Length	4323.0	mm
Boom Cylinder Minimum Retraction Length	2531.0	mm
Stick Cylinder Maximum Extension Length	5201.0	mm
Stick Cylinder Minimum Retraction Length	3083.0	mm
Bucket Cylinder Maximum Extension Length	3611.0	mm
Bucket Cylinder Minimum Retraction Length	2178.0	mm
Boom to Center of Rotation Lateral Offset	0	mm
Boom to Center of Rotation Reach Offset	180	mm
Machine Laser Sensor Installation Status	Not Installed	
Machine Laser Strike Auto Accept Enable Status	Unavailable	
Directional Heading Sensor Installation Status	Not Installed	
Work Tool Elevation Focus Point	Center	
Heading Sensor Configuration	None	

Grade Control Indicate System Installation Status	Installed	
Third Party Grade Control System Installation Status	Not Installed	
Third Party Grade Control System Temporary Installation Status	Not Installed	
Production Measurement Level 2 Feature Installation Status	Not Installed	
Production Measurement Level 2 Feature Temporary Installation Status	Not Installed	
Production Measurement Feature Installation Status	Installed	
Payload Correction Factor	100.00	%
Payload Zero Adjustment Weight	0.00	ton
Payload Stockpile Mode Enable Status	Unavailable	
Payload Target Weight Audible Alarm Configuration	On	
Payload Last Pass Audible Alarm Configuration	On	
Payload Weight Calculation Acceptable Audible Alarm Configuration	On	
Payload System Re-zeroing Interval	0	hours
Telematics Enhanced Data Connector Enable Status	Disabled	
Port Lever #1 Position	Unavailable	%
Port Lever #2 Position	Unavailable	%
Port Lever #3 Position	Unavailable	%
Starboard Lever #1 Position	Unavailable	%
Starboard Lever #2 Position	Unavailable	%
Starboard Lever #3 Position	Unavailable	%
Port Lever Position	Unavailable	%
Starboard Lever Position	Unavailable	%
Crane Warning System Enable Status	Disabled	
Production Measurement Boom Axis Torque Estimation Coefficient	0.00	
Selected Production Measurement Boom Axis Torque Estimate Coefficient Index	0	
Advanced Grade Control System Installation Status	Not Installed	
Advanced Grade Control System Temporary Installation Status	Not Installed	
Semi-Automatic Excavator System Installation Status	Not Installed	
Overcut Assist Enable Status	Enabled	
Grade Assist Boom Down Enable Configuration	Enabled	
Boom Assist Automatic Grade Assist Enable Configuration	Disabled	
Slope Assist Response Rate Start Up Setting	Medium	
Grade Assist Attachment Angle Adjustment	0.0	Deg
Overcut Assist Stick Out Enable Status	Disabled	

Overcut Assist Boom Down Response Rate Setting	Slow	
Virtual Fence System Installation Status	Installed	
Virtual Floor Enable Status	Disabled	
Operator Station Avoidance Enable Status	Disabled	
Operator Station Avoidance Top Height Offset	0	mm
Operator Station Avoidance Top Forward Offset	0	mm
Operator Station Avoidance Bottom Forward Offset	0	mm
Virtual Ceiling Armed Start Up Status	Disabled	
Virtual Wall Forward Enable Status	Disabled	
Virtual Swing Wall Left Enable Status	Disabled	
Virtual Swing Wall Right Enable Status	Disabled	
Attachment Valve #1 Retract Minimum Solenoid Current	0.977	Amps
Attachment Valve #2 Retract Minimum Solenoid Current	0.980	Amps
Attachment Valve #3 Retract Minimum Solenoid Current	0.605	Amps
Attachment Valve #4 Retract Minimum Solenoid Current	0.000	Amps
Attachment Valve #1 Extend Minimum Solenoid Current	0.920	Amps
Attachment Valve #2 Extend Minimum Solenoid Current	0.911	Amps
Attachment Valve #3 Extend Minimum Solenoid Current	0.605	Amps
Attachment Valve #4 Extend Minimum Solenoid Current	0.000	Amps
Boom Calibration Angle Offset	0.00	Deg
Stick Calibration Angle Offset	0.00	Deg
Bucket Linkage Angle Calibration Offset	11.22	Deg
Machine Pitch Calibration Offset	0.440	Deg
Machine Roll Calibration Offset	0.320	Deg
Swing Calibration Angle Offset	69.92	Deg
Bucket Linkage Angle Calibration Gain	103.08	%
Bucket Linkage Angle Calibration Offset	11.2	Deg
Boom Fine Calibration Angle Offset at Machine Position #1	0.00	Deg
Boom Fine Calibration Angle Offset at Machine Position #2	0.00	Deg
Boom Fine Calibration Angle Offset at Machine Position #3	0.00	Deg
Boom Fine Calibration Angle Offset at Machine Position #4	0.00	Deg
Boom Fine Calibration Angle Offset at Machine Position #5	0.00	Deg
Stick Fine Calibration Angle Offset at Machine Position #1	0.00	Deg

Stick Fine Calibration Angle Offset at Machine Position #2	0.00	Deg
Stick Fine Calibration Angle Offset at Machine Position #3	0.00	Deg
Stick Fine Calibration Angle Offset at Machine Position #4	0.00	Deg
Stick Fine Calibration Angle Offset at Machine Position #5	0.00	Deg
Boom Fine Calibration Angle at Machine Position #1	0.00	Deg
Boom Fine Calibration Angle at Machine Position #2	0.00	Deg
Boom Fine Calibration Angle at Machine Position #3	0.00	Deg
Boom Fine Calibration Angle at Machine Position #4	0.00	Deg
Boom Fine Calibration Angle at Machine Position #5	0.00	Deg
Stick Fine Calibration Angle at Machine Position #1	0.00	Deg
Stick Fine Calibration Angle at Machine Position #2	0.00	Deg
Stick Fine Calibration Angle at Machine Position #3	0.00	Deg
Stick Fine Calibration Angle at Machine Position #4	0.00	Deg
Stick Fine Calibration Angle at Machine Position #5	0.00	Deg
Length B-L	2125	mm
Length L-M	172	mm
Stick Centerline to Laser Catcher Distance	247	mm
Quick Coupler Position Sensor Configuration	Not Installed	
Bucket Linkage Position Sensor Configuration	Rotary Position Sensor	
Operator Coaching Installation Status	Unavailable	
Operator Coaching Enable Status	Unavailable	
Operator Coaching Temporary Installation Status	Unavailable	
Machine Idle Target Percentage	Unavailable	%
Operator Coaching Swing Impact Notification Enable Status	Unavailable	
Operator Coaching Machine Drop Impact Notification Enable Status	Unavailable	
Operator Coaching High Dig Rate Over Undesired Side of the Machine Notification Enable Status	Unavailable	
Operator Coaching Operation at End of Cylinder Notification Enable Status	Unavailable	
Operator Coaching High Velocity Impact at End of Cylinder Notification Enable Status	Unavailable	
Operator Coaching Tamping Impact Notification Enable Status	Unavailable	

Coaching Inappropriate Travel Detected With Ground-Engaged Work Tool Notification Enable Status	Unavailable	
Operator Coaching Unstable Digging Notification Enable Status	Unavailable	
Active Upper Structure Component Index	1281	
Active Undercarriage Component Index	1539	
Active Boom Component Index	256	
Active Stick/Extendable Stick Component Index	512	
Active Crane Lifting Capacity Film Component Index	0	
Active Boom Cylinder Component Index	1793	
Active Stick Cylinder Component Index	2049	
Active Bucket Cylinder Component Index	2305	
Active Idler Link Component Index	768	
Active Power Link Component Index	1024	
Active Coupler Component Index	4354	
Active GPS Antenna Component Index	3073	
Active Bucket Linkage Group Component Index	768	
Hydraulic Cab Riser Valve Configuration Code	Unavailable	
System Efficiency Monitoring Installation Status	Unavailable	
System Efficiency Monitoring Temporary Installation Status	Unavailable	
Hydraulic Health Test Baseline Set	Unavailable	
Filtered Implement System Efficiency Reset	Unavailable	
Shear Application Support Installation Status	Unavailable	
Tool Program Two Way Extend Low Back Pressure Feature Enable Status	Unavailable	
Tool Program Two Way Retract Low Back Pressure Feature Enable Status	Unavailable	
Shear Open Bucket Valve Enable Status	Unavailable	

Additional Information - Implement Control #2 (JGP10052)

Description	Value	Unit
Hydraulic Health Test Main Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Heavy Lift Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Boom Up Line Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Stick Out Line Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Stick In Line Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Bucket Curl Line Relief Valve Pressure	Unavailable	psi

Hydraulic Health Test Bucket Dump Line Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Swing Left Motor Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Swing Right Motor Relief Valve Pressure	Unavailable	psi
Hydraulic Health Test Boom Down Cylinder Drift Rate	Unavailable	in/min
Hydraulic Health Test Stick In Cylinder Drift Rate	Unavailable	in/min
Hydraulic Health Test Bucket Curl Cylinder Drift Rate	Unavailable	in/min
Hydraulic Health Test Bucket Dump Cylinder Drift Rate	Unavailable	in/min
Hydraulic Health Test Operating Hours	Unavailable	hours
Hydraulic Health Test Baseline Operating Hours	Unavailable	hours
Hydraulic Health Test Boom Down Cylinder Baseline Drift Rate	Unavailable	in/min
Hydraulic Health Test Stick In Cylinder Baseline Drift Rate	Unavailable	in/min
Hydraulic Health Test Bucket Curl Cylinder Baseline Drift Rate	Unavailable	in/min
Hydraulic Health Test Bucket Dump Cylinder Baseline Drift Rate	Unavailable	in/min
Hydraulic Health Test Main Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Heavy Lift Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Boom Up Line Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Stick Out Line Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Stick In Line Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Bucket Curl Line Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Bucket Dump Line Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Swing Left Motor Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Swing Right Motor Relief Valve Baseline Pressure	Unavailable	psi
Hydraulic Health Test Implement System Efficiency Degradation	Unavailable	%
Hydraulic Health Test Pump #1 Efficiency Degradation	Unavailable	%
Hydraulic Health Test Pump #2 Efficiency Degradation	Unavailable	%
Hydraulic Health Test Boom Up Efficiency Degradation	Unavailable	%
Hydraulic Health Test Bucket Curl Efficiency Degradation	Unavailable	%

Hydraulic Health Test Bucket Dump Efficiency Degradation	Unavailable	%
Hydraulic Health Test Swing Left Efficiency Degradation	Unavailable	%
Hydraulic Health Test Swing Right Efficiency Degradation	Unavailable	%
Hydraulic Health Test Implement System Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Pump #1 Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Pump #2 Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Boom Up Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Bucket Curl Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Bucket Dump Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Swing Left Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Swing Right Baseline Efficiency Degradation	Unavailable	%
Hydraulic Health Test Main Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Heavy Lift Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Boom Up Line Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Stick Out Line Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Stick In Line Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Bucket Curl Line Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Bucket Dump Line Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Swing Left Motor Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Swing Right Motor Relief Valve Pressure Result	Unavailable	
Hydraulic Health Test Boom Down Cylinder Drift Rate Result	Unavailable	
Hydraulic Health Test Stick In Cylinder Drift Rate Result	Unavailable	
Hydraulic Health Test Bucket Curl Cylinder Drift Rate Result	Unavailable	
Hydraulic Health Test Bucket Dump Cylinder Drift Rate Result	Unavailable	
Hydraulic Health Test Boom Cylinder Seal Leak Result	Unavailable	
Hydraulic Health Test Stick Cylinder Seal Leak Result	Unavailable	
Hydraulic Health Test Bucket Cylinder Seal Leak Result	Unavailable	

Hydraulic Health Test Swing Brake Motion Result	Unavailable	
Hydraulic Health Test Swing Brake Baseline Motion Result	Unavailable	
Hydraulic Health Test Boom Down Cylinder Baseline Drift Rate Result	Unavailable	
Hydraulic Health Test Stick In Cylinder Baseline Drift Rate Result	Unavailable	
Hydraulic Health Test Bucket Curl Cylinder Baseline Drift Rate Result	Unavailable	
Hydraulic Health Test Bucket Dump Cylinder Baseline Drift Rate Result	Unavailable	
Hydraulic Health Test Boom Cylinder Seal Baseline Leak Result	Unavailable	
Hydraulic Health Test Stick Cylinder Seal Baseline Leak Result	Unavailable	
Hydraulic Health Test Heavy Lift Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Boom Up Line Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Stick Out Line Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Stick In Line Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Bucket Curl Line Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Bucket Dump Line Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Swing Left Motor Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Swing Right Motor Relief Valve Baseline Pressure Result	Unavailable	
Hydraulic Health Test Implement System Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Pump #1 Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Pump #2 Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Boom Up Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Bucket Curl Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Bucket Dump Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Swing Left Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Swing Right Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Implement System Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Pump #1 Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Pump #2 Baseline Efficiency Degradation Level	Unavailable	

Hydraulic Health Test Boom Up Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Bucket Curl Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Bucket Dump Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Swing Left Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Swing Right Baseline Efficiency Degradation Level	Unavailable	
Hydraulic Health Test Bucket Cylinder Seal Baseline Leak Result	Unavailable	
Hydraulic Health Test Main Relief Valve Baseline Pressure Result	Unavailable	

Calibration Status - Implement Control #2 (JGP10052)

Calibration	Status	Last Successful Completion
PRV - Variable Relief Pressure Calibration Solenoid 2	Success	1.6 hours
PRV - Variable Relief Pressure Calibration Solenoid 1	Success	1.5 hours
Pump #2 Flow Limitation Pressure Solenoid Calibration - Flow	Success	1.7 hours
Pump #1 Flow Limitation Pressure Solenoid Calibration - Flow	Success	1.6 hours
Directional Heading Sensor Calibration	Not Calibrated	Never Successfully Calibrated
Chassis Angle Sensor Calibration	Success	2.6 hours
Bucket Link Sensor Calibration	Success	8.9 hours
Attachment Valve #3 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Extend	Not Calibrated	Never Successfully Calibrated

Job:Accumulated Occurrences vs Hammer Continuous Operation Time - Implement Control #2 (JGP10052)

Hammer Continuous Operation Time(sec)	Count	%
0.0-4.9	47443	50.34
5.0-9.9	16019	17.00
10.0-14.9	10171	10.79
15.0-19.9	7093	7.53
20.0-24.9	4814	5.11
25.0-29.9	3230	3.43
30.0-35.0	2277	2.42
>35.0	3191	3.39

Tool Configuration - Implement Control #2 (JGP10052)

Active Tool : FACTORY

Description	Value	Unit
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Tool Program Name	FACTORY	Active
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	9026	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	

Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min

Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%

Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Bucket Configuration	Bucket	
Bucket #1 Length G-H	635	mm
Bucket #1 Length G-J	2267	mm
Bucket #1 Length G-Q	1789	mm
Bucket #1 Length J-Q	2439	mm
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	1619	mm
Maximum Work Tool Width	2003	mm
Default Cutting Edge Bolts to Cutting Edge Length	918	mm
Cutting Edge Bolts to Cutting Edge Length	36	inches
Angle H-G-J	104.6	Deg
Angle G-J-J1	51.3	Deg

Description	Value	Unit
Tool Program Name	H180	
Tool Program Tool Type	Hammer	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Variable Relief Valve #1 Pressure	3046	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	

Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Hammer Excessive Activation Auto Stop Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound

Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	71.3	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%

Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Maximum Work Tool Width	0	mm
Angle H-G-J	0.0	Deg

Description	Value	Unit
Tool Program Name	H190	
Tool Program Tool Type	Hammer	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Variable Relief Valve #1 Pressure	3191	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Hammer Excessive Activation Auto Stop Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	

Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	89.8	gal/min

Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%

Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Maximum Work Tool Width	0	mm
Angle H-G-J	0.0	Deg

Description	Value	Unit
Tool Program Name	H215	
Tool Program Tool Type	Hammer	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Variable Relief Valve #1 Pressure	3336	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Enable Status	Enabled	
Hammer Excessive Activation Auto Stop Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%

Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	111.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%

Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Maximum Work Tool Width	0	mm
Angle H-G-J	0.0	Deg

Description	Value	Unit
<u>Tool Program Name</u>	MP365	

Tool Program Tool Type	Shear	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	

Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	118.9	gal/min

Tool Program Attachment Valve #1 Retract Maximum Flow Setting	118.9	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Reverse	
Attachment Valve #2 Maximum Extend Pressure	435	psi
Attachment Valve #2 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%

Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	S3070	
Tool Program Tool Type	Shear	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi

Variable Relief Valve #2 Pressure	5802	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	

Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	140.0	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	140.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi

Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Reverse	
Attachment Valve #2 Maximum Extend Pressure	435	psi
Attachment Valve #2 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%

Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	S3090	
Tool Program Tool Type	Shear	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound

Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	184.9	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	184.9	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Reverse	
Attachment Valve #2 Maximum Extend Pressure	435	psi
Attachment Valve #2 Maximum Retract Pressure	435	psi

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	

Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	GSM60	
Tool Program Tool Type	Grapple	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Enabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Tool Program Work Tool Connection Configuration	Free	

Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	79.3	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	79.3	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%

Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Bucket #1 Length G-J	0	mm
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length G-J2	0	inches
Length G-J3	0	inches
Length J-J3	0	inches

Description	Value	Unit
Tool Program Name	CTV40	
Tool Program Tool Type	Grapple	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi

Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Enabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Tool Program Work Tool Connection Configuration	Free	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	

Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	79.3	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	79.3	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi

Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	

Desired Grade Elevation Deviation Offset	0	inches
Bucket #1 Length G-J	0	mm
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length G-J2	0	inches
Length G-J3	0	inches
Length J-J3	0	inches

Description	Value	Unit
Tool Program Name	1way	
Tool Program Tool Type	Other	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Variable Relief Valve #1 Pressure	3046	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	176.0	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	

Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%

Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	2way	
Tool Program Tool Type	Other	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #2	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%

Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%

Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	TOP1000J	
Tool Program Tool Type	Hammer	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	

Tool Program Pump Flow Control Mode	Combined Flow	
Variable Relief Valve #1 Pressure	3626	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Enable Status	Disabled	
Hammer Excessive Activation Auto Stop Enable Status	Disabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	

Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	145.3	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%

Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Maximum Work Tool Width	0	mm
Angle H-G-J	0.0	Deg

Description	Value	Unit
Tool Program Name	BUCKET	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%

Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	

Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%

Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	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	inches
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Description	Value	Unit
Tool Program Name	BUCKET	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	

Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%

Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	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	inches
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Description	Value	Unit
Tool Program Name	BUCKET	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	

Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	

Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min

Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%

Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	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	inches
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Description	Value	Unit
Tool Program Name	BUCKET	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F

Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	

Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec

Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	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	inches
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Description	Value	Unit
Tool Program Name	bukcet	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	

Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%

Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
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
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	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	inches
Angle H-G-J	0.0	Deg
Angle G-J-J1	0.0	Deg

Description	Value	Unit
Tool Program Name	BUCKET STD	
Tool Program Tool Type	Bucket	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Enabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Pump #1	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane Lifting Point Configuration	Power Link	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	

Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	6/30/2022 12:00:00 AM	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #3 Control Mode	No valve controlled	
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	
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	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	0.0	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	0	psi
Attachment Valve #1 Maximum Retract Pressure	0	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%

Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Bucket Configuration	Bucket	
Bucket #1 Length G-H	640	mm
Bucket #1 Length G-J	2260	mm
Bucket #1 Length G-Q	1760	mm
Bucket #1 Length J-Q	2490	mm
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm
Length J-Z	1630	mm
Maximum Work Tool Width	1970	mm
Default Cutting Edge Bolts to Cutting Edge Length	810	mm
Cutting Edge Bolts to Cutting Edge Length	32	inches
Angle H-G-J	105.3	Deg
Angle G-J-J1	55.5	Deg

Description	Value	Unit
<u>Tool Program Name</u>	2P1WAY	
Tool Program Tool Type	Other	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Variable Relief Valve #1 Pressure	3046	psi

Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	
Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	

Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	42.3	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	One Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #2 Maximum Extend Pressure	435	psi

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%
Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches

Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Description	Value	Unit
Tool Program Name	2P2WAY	
Tool Program Tool Type	Other	
Fuel Economy Mode Enable Status	Enabled	
Automatic Hydraulic Power Mode Enable Status	Disabled	
Minimum Throttle Dial Position	1	
Tool Program Pump Flow Control Mode	Combined Flow	
Multi-Function with Combined Attachments Automatic Control Enable	Disabled	
Variable Relief Valve #1 Pressure	5802	psi
Variable Relief Valve #2 Pressure	5802	psi
Enhanced Multiple Operation Attachment Valve Limit Enable Status	Disabled	
Tool Program Hydraulic Temperature High Warning Event Threshold	258.8	Deg F
Tool Program Display Enable Status	Enabled	
Hammer Excessive Activation Warning Indicator Time Threshold	Unavailable	sec
Hammer Excessive Activation Auto Stop Time Threshold	Unavailable	sec
Tool Program Work Tool Mass	6834	pound
Swing Speed Percentage Maximum Limit	Unavailable	%
Tool Program Swing Speed Percentage Maximum Limit For Extended Reach Linkage Configuration	Unavailable	%
Tool Program Hydraulic Pump High Pressure Cut Off Enable Status	Disabled	
Crane System Enable Status	Unavailable	
Grade Control System Enable Status	Enabled	
Tool Program MAC address	00:00:00:00:00:00	
Tool Program Part Number	0000000	
Shear Application Support Enable Status	Unavailable	

Tool Program Work Tool Manual Measure Up Enable Status	Unavailable	
Selected Work Tool Coupling #1 Index Number	Unavailable	
Selected Work Tool Coupling #2 Index Number	Unavailable	
Selected Work Tool Attachment Index Number	Unavailable	
Tool Program Production Measurement Last Successful Calibration Timestamp	12/31/2037+	
Tool Program Work Tool Calculated Measure Up Last Successful Timestamp	Unavailable	
Tool Program E-Fence Last Successful Calibration Timestamp	Unavailable	
Tool Program Assist Last Successful Calibration Timestamp	Unavailable	
Tool Program Work Tool Manual Measure Up Last Successful Timestamp	Unavailable	
Combined Work Tool Angle Sensor Mount Orientation	Unavailable	
Combined Work Tool Weight	Unavailable	pound
Production Measurement Feature Enable Status	Disabled	
Load Lift Assist Enable Status	Unavailable	
Virtual Fence System Enable Status	Enabled	
Left Joystick Thumbwheel Control Mode	No valve controlled	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
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	
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	132.1	gal/min
Tool Program Attachment Valve #1 Retract Maximum Flow Setting	132.1	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Tool Program Attachment Valve #1 One Way/ Two Way Valve Mode	Two Way	
Attachment Valve #1 Maximum Extend Pressure	435	psi
Attachment Valve #1 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	435	psi
Attachment Valve #1 Open Time	0.20	sec
Attachment Valve #1 Close Time	0.20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #2 Maximum Extend Pressure	435	psi
Attachment Valve #2 Maximum Retract Pressure	435	psi
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #2	435	psi
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #2	435	psi
Attachment Valve #2 Open Time	0.20	sec
Attachment Valve #2 Close Time	0.20	sec
Assist Boom Extend Lever Offset Calibration	21.06	%
Assist Boom Retract Lever Offset Calibration	-20.29	%
Assist Stick Extend Lever Offset Calibration	17.79	%
Assist Stick Retract Lever Offset Calibration	-21.66	%

Assist Bucket Extend Lever Offset Calibration	20.74	%
Assist Bucket Retract Lever Offset Calibration	-26.79	%
Assist Swing Left Lever Offset Calibration	-24.70	%
Assist Swing Right Lever Offset Calibration	25.08	%
Assist Tilt Left Lever Offset Calibration	0.00	%
Assist Tilt Right Lever Offset Calibration	0.00	%
Assist Boom Extend Lever Offset #2 Calibration	21.52	%
Stick In Boom Raise Assist Initial Delay Adjustment	100.00	%
Boom Raise Assist Modulation Scale Factor	100.00	%
Boom Lower Assist Modulation Scale Factor	100.00	%
Stick Out Boom Lower Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick Out Boom Lower Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Increasing Boom Cylinder Velocity Gain	100.00	%
Stick In Boom Raise Assist Decreasing Boom Cylinder Velocity Gain	100.00	%
Tool Program Grade Assist Response Gain Setting	5	
Boom Raise Modulation Scale Factor	Unavailable	
Boom Lower Modulation Scale Factor	Unavailable	
Desired Grade Elevation Deviation Offset	0	inches
Length G1-H1	Unavailable	mm
Length G1-J	Unavailable	mm
Length G1-Q	Unavailable	mm
Length H1-Q	Unavailable	mm

Linkage Configuration - Implement Control #2 (JGP10052)

Boom Linkage - 561-0714

From	To	Distance
A	B	7800.0 mm
A	X	3553.0 mm
B	X	4664.0 mm
A	R	4450.0 mm

B	R	4064.0 mm
A	T	3529.0 mm
B	T	5037.0 mm

Stick Linkage - 561-0716

From	To	Distance
B	C	1089.0 mm
B	D	3014.0 mm
B	G	3600.0 mm
B	S	1278.0 mm
C	D	2908.0 mm
C	G	3498.0 mm
C	S	1517.0 mm
D	G	597.0 mm
B	L	2125.0 mm
L	M	172.0 mm

Bucket Group Linkage - 542-7506

From	To	Distance
D	F	820.0 mm
F	H	762.0 mm

Upper Structure - HRC/LRC 374 10.9T

Undercarriage - 527-9169

Boom Cylinder - 564-4877

Stick Cylinder - 564-4890

Bucket Cylinder - 564-4898

GPS Antenna - STD

Port Statistics Snapshot - Implement Control #2 (JGP10052)

J1/P1:65 J1/P1:66

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Signal Quality	Excellent
Network Bandwidth	100 Mbit/s
Number of Transmitted Octets	43458
Number of Received Octets	4766
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0

J1/P1:63 J1/P1:64

Description	Value
Network Media Duplex Mode	Full Duplex
Number of Network Collisions	0
Signal Quality	Excellent
Network Bandwidth	100 Mbit/s
Number of Transmitted Octets	9992
Number of Received Octets	45586
Number of Inbound Discarded Packets	0
Network Interface Operational Status	Up
Number of Outbound Error Packets	0
Number of Inbound Error Packets	0
Number of Outbound Discarded Packets	0