

Cat Electronic Technician 2019C v1.0

Product Status Report

26-3-2021 14:20

Product Status Report

Parameter	Value
Product ID	PKE01025
Equipment ID	NOT PROGRAMMED
Comments	

Machine Control 325D/328D/329D (PKE01025)

Parameter	Value
Product ID	PKE01025
ECM Part Number	2218874-02
ECM Serial Number	00438014EM
Software Group Part Number	3095721-00
Software Group Release Date	MAY2007
Software Group Description	325D HEX CONTROL
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 13360 hours] - Machine Control 325D/328D/329D (PKE01025)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 13360 hours] - Machine Control 325D/328D/329D (PKE01025)

Code	Description	Occ.	First	Last
E023 (2)	High Hydraulic Oil Temperature Derate	1	13360	13360

Active Diagnostic Codes - Machine Control 325D/328D/329D (PKE01025)

Code	Description
No Active Diagnostic Codes	

Current Totals - Machine Control 325D/328D/329D (PKE01025)

Description	Value	Unit
Total Operating Hours	13361	hours
Engine Maintenance Hours	13358	hours
Engine Oil Hours	3132	hours
Engine Oil Filter Hours	3132	hours

Engine Coolant Hours	3132	hours
Fuel/ Water Separator Hours	3132	hours
Fuel Filter Hours	3132	hours
Secondary Fuel Filter Hours	Unavailable	hours
Tertiary Fuel Filter Hours	Unavailable	hours
Fuel Tank Cap Hours	Unavailable	hours
Hydraulic Pump Hours	13358	hours
Hydraulic Pilot Oil Filter Hours	3132	hours
Hydraulic Case Drain Oil Filter Hours	3132	hours
Return Hydraulic Oil Filter Hours	3132	hours
Attachment Hydraulic Oil Filter Hours	0	hours
Hydraulic Oil Hours	3132	hours
Final Drive Oil Hours	3132	hours
Swing Drive Oil Hours	3132	hours
Travel Motor Hours	1301	hours
Tool #1 Hours	29	hours
Tool #2 Hours	6	hours
Tool #3 Hours	0	hours
Tool #4 Hours	239	hours
Tool #5 Hours	9	hours
Tool #6 Hours	2	hours
Tool #7 Hours	1	hours
Tool #8 Hours	288	hours
Tool #9 Hours	41	hours
Tool #10 Hours	7	hours
Return Hydraulic Oil Filter Bypass Hours	97,4	hours
Return Hydraulic Oil Filter Bypass at Cold Temperature Hours	20,2	hours
Hours of Operation at High Hydraulic Pressure	280,5	hours
Hours of Operation at Relief Hydraulic Pressure	144,0	hours

Configuration - Machine Control 325D/328D/329D (PKE01025)

Description	Value	Unit
Product ID	PKE01025	
Hydraulic Power Mode	High	
Fuel Economy Mode Enable Status	Enabled	
Economy Mode	Off	
Travel Alarm Installation Status	Not Installed	
Water Separator Level Switch Configuration	Not Installed	
Fuel Filter Differential Pressure Switch Config	Normally Open	
Secondary Fuel Filter Differential Pressure Switch Config	Not Installed	

Attachment Hydraulic Oil Filter Switch Configuration	Not Installed	
Auto Lube Warning Indicator Enable Switch Configuration	Not Installed	
Machine Overload Pressure Sensor Installation	Installed	
Machine Overload Pressure Threshold	21000	kPa
Heavy Lift System Installation Status	Installed	
Engine Fan Type Configuration	Viscous Clutch	
Engine Cooling Fan Map	High Ambient Temperature + Low Noise	
Engine Fan Reversing Feature Installation Status	Disabled or Not Installed	
Engine Fan Reverse Operation Time	Disabled or Not Installed	sec
Machine Application Configuration	EAME Multi-Proc	
Main Pump Flow Limitation Pressure Solenoid Installation Status	Installed	
Attachment Valve #1 Configuration	F2 - One Way or Two Way	
Attachment Valve #2 Configuration	F2 - One Way or Two Way	
Attachment Valve #3 Configuration	Attachment Pump Valve - Two Way	
Attachment Valve #4 Configuration	Not Installed	
Attachment Valve #1 Control Type Configuration	Electrical	
Attachment Valve #2 Control Type Configuration	Electrical	
Attachment Valve #3 Control Type Configuration	Electrical	
Attachment Valve #4 Control Type Configuration	Disabled or Not Installed	
Attachment Valve #1 Combiner Configuration	Valve #2 Combined with Valve #1	
Auxiliary Circuit Flow Combining Solenoid Installation Status	Disabled or Not Installed	
Hammer Return to Tank Solenoid Installation Status	Installed	
Variable Relief Valve Type Configuration	Unavailable	
Variable Relief Valve #1 Configuration	Installed on Valve #1 Extend port	
Variable Relief Valve #2 Configuration	Installed on Valve #1 Retract port	
F2 Type Valve Load Sense Pres Sensor Installation	Not Installed	
Joystick Handle Configuration	Modulation Handle	
Foot Switch Installation Status	Not Installed	
Left Attachment Pedal Installation Status	Not Installed	
Right Attachment Pedal Installation Status	Not Installed	
Left Joystick Switch #1 Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #4 Control Mode	Disabled or Not Installed	
Right Joystick Switch #1 Control Mode	Momentary - Valve #1 Extend	
Right Joystick Switch #2 Control Mode	No valve controlled	
Right Joystick Switch #4 Control Mode	Disabled or Not Installed	
Foot Switch Control Mode	Disabled or Not Installed	

Left Joystick Thumbwheel Control Mode	Attachment Valve #3	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
Left Attachment Pedal Control Mode	Disabled or Not Installed	
Right Attachment Pedal Control Mode	Disabled or Not Installed	
Travel Speed Shift Low Delay	0,4	sec
Travel Speed Shift High Delay	0,4	sec
Travel Speed Shift Low Pres	18000	kPa
Travel Speed Shift High Pressure	32000	kPa
One Touch Engine Speed Setting	1020	rpm
AESC Setting	1300	rpm
AESC Delay Time	5,0	sec
Throttle Dial Position 1 Engine Speed	950	rpm
Throttle Dial Position 2 Engine Speed	1020	rpm
Throttle Dial Position 3 Engine Speed	1160	rpm
Throttle Dial Position 4 Engine Speed	1300	rpm
Throttle Dial Position 5 Engine Speed	1470	rpm
Throttle Dial Position 6 Engine Speed	1590	rpm
Throttle Dial Position 7 Engine Speed	1700	rpm
Throttle Dial Position 8 Engine Speed	1800	rpm
Throttle Dial Position 9 Engine Speed	1900	rpm
Throttle Dial Position 10 Engine Speed	1980	rpm
Throttle Dial Position 1 Hydraulic System Torque Percentage	25,0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	40,0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	61,0	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	69,0	%
Throttle Dial Position 5 Hydraulic System Torque Percentage	78,0	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	85,0	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	92,0	%
Throttle Dial Position 8 Hydraulic System Torque Percentage	92,0	%
Throttle Dial Position 9 Hydraulic System Torque Percentage	92,0	%
Throttle Dial Position 10 Hydraulic System Torque Percentage	100,0	%
Engine Oil Recommended Maintenance Interval	500	hours
Engine Oil Filter Recommended Maintenance Interval	500	hours
Engine Coolant Recommended Maintenance Interval	3000	hours
Fuel/ Water Separator Recommended Maint Interval	500	hours
Fuel Filter Recommended Maintenance Interval	500	hours

Secondary Fuel Filter Recommended Maintenance Interval	Unavailable	hours
Tertiary Fuel Filter Recommended Maintenance Interval	Unavailable	hours
Fuel Tank Cap Recommended Maintenance Interval	Unavailable	hours
Hydraulic Pilot Oil Filter Recommended Maintenance Interval	1000	hours
Hydraulic Case Drain Oil Filter Recommended MI	1000	hours
Return Hyd Oil Filter Recommended Maint Interval	2000	hours
Attachment Hydraulic Oil Filter Recommended Maintenance Interval	0	hours
Final Drive Oil Recommended Maintenance Interval	2000	hours
Hydraulic Oil Recommended Maintenance Interval	2000	hours
Swing Drive Oil Recommended Maintenance Interval	1000	hours
Advanced Machine Security System Installation Status	Not Installed	
Sunday Security System Bypass Start Time	Disabled or Not Installed	
Sunday Security System Bypass Stop Time	Disabled or Not Installed	
Monday Security System Bypass Start Time	Disabled or Not Installed	
Monday Security System Bypass Stop Time	Disabled or Not Installed	
Tuesday Security System Bypass Start Time	Disabled or Not Installed	
Tuesday Security System Bypass Stop Time	Disabled or Not Installed	
Wednesday Security System Bypass Start Time	Disabled or Not Installed	
Wednesday Security System Bypass Stop Time	Disabled or Not Installed	
Thursday Security System Bypass Start Time	Disabled or Not Installed	
Thursday Security System Bypass Stop Time	Disabled or Not Installed	
Friday Security System Bypass Start Time	Disabled or Not Installed	
Friday Security System Bypass Stop Time	Disabled or Not Installed	
Saturday Security System Bypass Start Time	Disabled or Not Installed	
Saturday Security System Bypass Stop Time	Disabled or Not Installed	
AccuGrade System Installation Status	Disabled or Not Installed	
Hydraulic Cab Riser Installation Status	Unavailable	
Hydraulic Cab Riser Raise Snubbing Angle Gain	Unavailable	
Hydraulic Cab Riser Raise Snubbing Rate Gain	Unavailable	

Hydraulic Cab Riser Lower Snubbing Angle Gain	Unavailable	
Hydraulic Cab Riser Lower Snubbing Rate Gain	Unavailable	

Calibration Status - Machine Control 325D/328D/329D (PKE01025)

Calibration	Status	Last Successful Completion
PRV - Variable Relief Pressure Calibration Solenoid 2	Success	0,9 hours
PRV - Variable Relief Pressure Calibration Solenoid 1	Success	0,9 hours
Stick Cylinder Retract Pilot Pressure Limit Solenoid Cal	Success	Never Successfully Calibrated
Boom Cylinder Extend Pilot Pressure Limit Solenoid Cal	Success	Never Successfully Calibrated
PRV - Power Shift Pressure Calibration	Success	5101,7 hours
PRV - Combined Attachment Valve Flow Limit	Failed	0,0 hours
	Error: 000B Calibration not supported	
PRV - Attachment Valve #1 Flow Limit	Success	0,8 hours
PRV - Flow Meter for Two Pump Flow Combined	Success	0,8 hours
PRV - Pressure Gauge	Failed	0,0 hours
	Error: 000B Calibration not supported	
Right Attachment Pedal Calibration	Failed	0,0 hours
	Error: 000B Calibration not supported	
Left Attachment Pedal Calibration	Failed	0,0 hours
	Error: 000B Calibration not supported	
Right Joystick Thumbwheel Calibration	Success	0,0 hours
Left Joystick Thumbwheel Calibration	Success	0,0 hours
Engine Speed Calibration	Success	11087,8 hours
Attachment Valve #4 Retract	Failed	0,0 hours
	Error: 000B Calibration not supported	
Attachment Valve #4 Extend	Failed	0,0 hours
	Error: 000B Calibration not supported	
Attachment Valve #3 Retract	Success	0,7 hours
Attachment Valve #3 Extend	Success	0,7 hours
Attachment Valve #2 Retract	Success	0,8 hours
Attachment Valve #2 Extend	Success	0,8 hours
Attachment Valve #1 Retract	Success	0,8 hours
Attachment Valve #1 Extend	Success	0,7 hours

Lifetime: Time vs Hydraulic Oil Temperature - Machine Control 325D/328D/329D (PKE01025)

Hydraulic Oil Temperature(Deg C)	hours	%
<20,0	488,45	3,65
20,0-29,0	1267,20	9,48
30,0-39,0	2101,30	15,71
40,0-49,0	3490,95	26,11
50,0-59,0	2338,05	17,48
60,0-69,0	2688,30	20,10
70,0-79,0	932,10	6,97
80,0-89,0	60,50	0,45
90,0-99,0	5,15	0,04
100,0-109,0	0,00	0,00
110,0-119,0	0,00	0,00
>120,0	0,00	0,00

Lifetime: Time vs Front Hyd Pump Pres - Machine Control 325D/328D/329D (PKE01025)

Front Hyd Pump Pres(kPa)	hours	%
<20000,0	11611,85	86,84
20000,0-21999,0	811,55	6,07
22000,0-23999,0	412,05	3,08
24000,0-25999,0	196,95	1,47
26000,0-27999,0	105,80	0,79
28000,0-29999,0	65,25	0,49
30000,0-31999,0	43,45	0,32
32000,0-33999,0	34,50	0,26
34000,0-35999,0	74,65	0,56
36000,0-37999,0	1,45	0,01
38000,0-39999,0	0,00	0,00
>40000,0	14,40	0,11

Lifetime: Time vs Rear Hyd Pump Pres - Machine Control 325D/328D/329D (PKE01025)

Rear Hyd Pump Pres(kPa)	hours	%
<20000,0	11468,05	85,76
20000,0-21999,0	511,90	3,83
22000,0-23999,0	321,15	2,40
24000,0-25999,0	290,45	2,17
26000,0-27999,0	351,60	2,63
28000,0-29999,0	224,15	1,68
30000,0-31999,0	62,80	0,47
32000,0-33999,0	39,45	0,30
34000,0-35999,0	85,65	0,64
36000,0-37999,0	2,35	0,02
38000,0-39999,0	0,00	0,00
>40000,0	14,40	0,11

Tool Configuration - Machine Control 325D/328D/329D (PKE01025)

Description	Value	Unit
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Tool Program Name	H120CS	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	21000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	80,0	Deg C
Attachment Valve #1 Flow Setting	150	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min

Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	H130S	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Enabled	

Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	21000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	80,0	Deg C
Attachment Valve #1 Flow Setting	190	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa

Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	MP30	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%

One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	300	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	0	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	0	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec

Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	MP20	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa

F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	200	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa

Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	S320	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa

Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	150	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec

Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	S340	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa

Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	300	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	

Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	G320B	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa

Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	120	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa

Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
Tool Program Name	DCT Bucket	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Attachment Valve #1 Flow Setting	50	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	8000	kPa

Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec

Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	
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Description	Value	Unit
Tool Program Name	VTN	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	32000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	200	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	27000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec

Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	0	kPa
Attachment Valve #3 Maximum Retract Pressure	0	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Description	Value	Unit
<u>Tool Program Name</u>	0	Active
Maximum Throttle Dial	10	

Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	4000	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	4000	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	40000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
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 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min

Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	4000	kPa
Attachment Valve #2 Maximum Retract Pressure	4000	kPa
Attachment Valve #2 Open Time	0,20	sec
Attachment Valve #2 Close Time	0,20	sec
Attachment Valve #2 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

VIMS Main Module (PKE01025)

Parameter	Value
Machine Serial Number	PKE01025
Product ID	PKE01025
Equipment ID	
ECM Part Number	3402413-05
ECM Serial Number	03059179RN
Software Group Part Number	4761900-00
Software Group Release Date	FEB15
Software Group Description	PLGSM 2014B PROD 1.0
Application Software Part Number	Unavailable

Telematic Device Software Group Part Number	5809705-00
Telematic Device Software Group Release Date	MAR2019
Telematic Device Software Group Description	PROD-4.3.11

Logged Diagnostic Codes [Diagnostic Clock = 13354 hours] - VIMS Main Module (PKE01025)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 13354 hours] - VIMS Main Module (PKE01025)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - VIMS Main Module (PKE01025)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - VIMS Main Module (PKE01025)

Code	Description
No Active Event Codes	

Current Totals - VIMS Main Module (PKE01025)

Description	Value	Unit
Total Operating Hours	13354	hours

Configuration - VIMS Main Module (PKE01025)

Description	Value	Unit
Data Acquisition System Installation Status	Unavailable	
Data Acquisition System Temporary Installation Status	Unavailable	
Data Acquisition System Customer Enable Status	Unavailable	
Data Acquisition System Temporary Installation Time Remaining	Unavailable	min
Customer Password #1	*****	
Customer Password #2	*****	
Product ID	PKE01025	
Equipment ID		
PLM Enable Status (Billing)	Enabled	
External Service Lamp Installation Configuration	Unavailable	
External Service Lamp Display Mode Setting	Unavailable	
Telemetry Port Selection	Unavailable	
TMAC Protocol Port Selection	Unavailable	

Ethernet Media Access Control (MAC) Address	00:0A:75:08:48:81	
Internet Protocol Host Name	VIMS3G	
Internet Protocol (IPv4) Address	165.26.79.218	
Internet Protocol (IPv4) Network Mask	255.255.255.252	
Network Default Gateway Internet Protocol (IPv4) Address	165.26.79.216	
Web Server Administrator Password	admin	
Dynamic Host Configuration Protocol (DHCP) Enable Status	Disabled	
Fleet Management System (FMS) Installation Status	Unavailable	
Fleet Management System (FMS) Enable Status	Unavailable	
Maintenance Mode	Off	
Machine Serial Number	Unavailable	

C7 325D (C7C10388)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	C7C10388
ECM Part Number	2622879-01
ECM Serial Number	33366413JM
Personality Module Part Number	4349480-00
Personality Module Release Date	AUG13
Personality Module Description	325D-HEX-HIHP
Active Event Codes Present	Unavailable
Calibration Identification Number	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 13359 hours] - C7 325D (C7C10388)

Code	Description	Occ.	First	Last
1785- 3	Intake Manifold Pressure Sensor : Voltage Above Normal	127	12934	13359

Logged Event Codes [Diagnostic Clock = 13359 hours] - C7 325D (C7C10388)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C7 325D (C7C10388)

Code	Description
261-13	Engine Timing Calibration : Out of Calibration
1785- 3	Intake Manifold Pressure Sensor : Voltage Above Normal

Active Event Codes - C7 325D (C7C10388)

Code	Description
No Active Event Codes	

Current Totals - C7 325D (C7C10388)

Description	Value	Unit
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Engine Lifetime Hours	Unavailable	hours
Total Operating Hours	13360	hours
Total Fuel	44274	L
Engine Starts	1425	
Lifetime Total Engine Revolutions	189428180	rev
Total Idle Time	678:30	hours
Total Idle Fuel	3249	L
Total Max Fuel	86259	L
Average Load Factor	49	%
Overall Load Factor	51	%

Configuration - C7 325D (C7C10388)

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	C7C10388	
ECM Part Number	2622879-01	
ECM Serial Number	33366413JM	
Personality Module Part Number	4349480-00	
Personality Module Release Date	AUG13	
Personality Module Description	325D-HEX-HIHP	
Rated Power	161 kW at 1800 rpm	
Rated Peak Torque	1025 N-m at 1400 rpm	
Test Spec	0K5148 0K6725	
Top Engine Speed Range	1980 - 1980 rpm	
Ether Solenoid Configuration	Not Installed	
FLS	-58	
FTS	108	
Security System Immobilizer Installation Status	Disabled or Not Installed	
Total Tattletale	4	

Lifetime: Time vs Engine Coolant Temperature - C7 325D (C7C10388)

Engine Coolant Temperature(Deg C)	hours	%
<50,0	44,95	1,99
50,0-54,0	10,85	0,48
55,0-59,0	12,15	0,54
60,0-64,0	16,10	0,71
65,0-69,0	22,25	0,98
70,0-74,0	39,20	1,73
75,0-79,0	75,95	3,36
80,0-84,0	706,65	31,27
85,0-89,0	1322,10	58,51
90,0-94,0	7,35	0,33
95,0-99,0	1,45	0,06
100,0-104,0	0,80	0,04
105,0-109,0	0,00	0,00
110,0-114,0	0,00	0,00

115,0-119,0	0,00	0,00
>120,0	0,00	0,00

Lifetime: Time vs Inlet Air Temperature - C7 325D (C7C10388)

Inlet Air Temperature(Deg C)	hours	%
<40,0	276,85	93,39
40,0-44,0	16,75	5,65
45,0-49,0	2,55	0,86
50,0-54,0	0,30	0,10
55,0-59,0	0,00	0,00
60,0-64,0	0,00	0,00
65,0-69,0	0,00	0,00
70,0-74,0	0,00	0,00
75,0-79,0	0,00	0,00
80,0-84,0	0,00	0,00
85,0-89,0	0,00	0,00
90,0-94,0	0,00	0,00
95,0-99,0	0,00	0,00
>100,0	0,00	0,00

Lifetime: Time vs Boost Pressure - C7 325D (C7C10388)

Boost Pressure(kPa)	hours	%
<80,0	0,50	0,17
80,0-89,0	0,20	0,07
90,0-99,0	0,95	0,32
100,0-109,0	3,65	1,23
110,0-119,0	13,25	4,47
120,0-129,0	28,65	9,67
130,0-139,0	42,30	14,28
140,0-149,0	79,70	26,91
150,0-159,0	99,05	33,44
160,0-169,0	27,30	9,22
170,0-179,0	0,50	0,17
180,0-189,0	0,00	0,00
190,0-199,0	0,00	0,00
>200,0	0,15	0,05

Lifetime: Time vs Engine Speed And Engine Load Factor - C7 325D (C7C10388)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50,0	563,05	26,80	174,25	200,25	216,85	7,65	0,00	0,00	1188,85
50,0-59,9	0,75	1,75	25,80	65,70	62,00	1,15	0,00	0,00	157,15
60,0-69,9	0,55	1,85	31,05	71,95	48,50	1,30	0,00	0,00	155,20
70,0-79,9	0,10	1,00	36,25	67,95	32,30	1,35	0,00	0,00	138,95

80,0-89,9	0,00	0,75	43,00	86,55	29,10	1,80	0,00	0,00	161,20
>90,0	0,05	1,55	48,90	199,10	63,15	4,10	0,00	0,00	316,85
Total	564,50	33,70	359,25	691,50	451,90	17,35	0,00	0,00	2118,20

Lifetime: Total Occurrences vs Engine Speed - C7 325D (C7C10388)

Engine Speed(rpm)		%
<2500,0	0,00	0,00
2500,0-2599,0	0,00	0,00
2600,0-2699,0	0,00	0,00
2700,0-2799,0	0,00	0,00
2800,0-2899,0	0,00	0,00
2900,0-2999,0	0,00	0,00
3000,0-3099,0	1,00	16,67
3100,0-3199,0	1,00	16,67
3200,0-3299,0	1,00	16,67
>3300,0	3,00	50,00

Injector Trim Calibration - C7 325D (C7C10388)

Injector	Serial Number	File Version	Tattletale
Injector1	000000003B11744237 20	0	0
Injector2	000000003B11744225 3B	0	0
Injector3	000000003B11744220 20	0	0
Injector4	000000003B11744315 6F	0	0
Injector5	000000003B11744269 4B	0	0
Injector6	000000003B11744505 07	0	0

Monitor

Parameter	Value
ECM Serial Number	079J0455AJ
Personality Module Part Number	2909514-00