

Cat Electronic Technician 2016C v1.0

Product Status Report

3/6/2017 10:16 AM

Product Status Report

Parameter	Value
Product ID	PAC01146
Equipment ID	
Comments	

Monitor

Parameter	Value
ECM Serial Number	067E0525EE
Personality Module Part Number	2602161-00

Hyd Pump Control 320C (0)

Parameter	Value
Product ID	PAC01146
ECM Part Number	1573165-05
ECM Serial Number	00206861EG
Software Group Part Number	2475303-00
Software Group Release Date	SEP2004
Software Group Description	320C HEX CONTROL
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = Unavailable hours] - Hyd Pump Control 320C (0)

Code	Description	Occ.	First	Last
110-10	Engine Coolant Temperature Sensor : Abnormal Rate of Change	1	0	0
1161- 3	Front Hydraulic Pump Pressure Sensor : Voltage Above Normal	1	0	0

Logged Event Codes [Diagnostic Clock = Unavailable hours] - Hyd Pump Control 320C (0)

Code	Description	Occ.	First	Last
E100	Low Engine Oil Pressure Warning	1	0	0
E179	Alternator Not Charging	1	0	0
E600	High Hydraulic Oil Temperature Warning	1	0	0

Active Diagnostic Codes - Hyd Pump Control 320C (0)

Code	Description
No Active Diagnostic Codes	

Current Totals - Hyd Pump Control 320C (0)

Description	Value	Unit
Engine Maintenance Hours	5570	hours
Engine Oil Hours	5570	hours
Engine Oil Filter Hours	5570	hours
Engine Coolant Hours	5570	hours
Fuel/ Water Separator Hours	0	hours
Fuel Filter Hours	5570	hours
Hydraulic Pump Hours	5570	hours
Hydraulic Pilot Oil Filter Hours	5570	hours
Hydraulic Case Drain Oil Filter Hours	5570	hours
Return Hydraulic Oil Filter Hours	5570	hours
Hydraulic Oil Hours	5570	hours
Final Drive Oil Hours	5570	hours
Swing Drive Oil Hours	5570	hours
Travel Motor Hours	808	hours
Tool #1 Hours	210	hours
Tool #2 Hours	0	hours
Tool #3 Hours	0	hours
Tool #4 Hours	0	hours
Tool #5 Hours	0	hours

Configuration - Hyd Pump Control 320C (0)

Description	Value	Unit
Product ID	PAC01146	
Hydraulic Oil Type	Mineral Oil	
Travel Alarm Installation Status	Installed	
Water Separator Level Switch Configuration	Normally Open	
Fuel Filter Differential Pressure Switch Config	Not Installed	
Secondary Fuel Filter Differential Pressure Switch Config	Not Installed	
High Pressure Hydraulic Oil Filter Switch Config	Not Installed	
Auto Lube System Installation Status	Not Installed	
Machine Overload Pressure Sensor Installation	Not Installed	
Machine Application Configuration	Bucket	
Attachment Tool ECM Installation Status	Not Installed	
Main Pump Flow Limitation Pressure Solenoid Installation Status	Not 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	F4 - One Way or Two Way	
Attachment Valve #4 Configuration	F3 - One Way or Two Way	
Attachment Valve #1 Combiner Configuration	Valve #2 Combined with Valve #1	

Travel Speed Shift Low Delay	0.4	sec
Travel Speed Shift High Delay	0.4	sec
Travel Speed Shift Low Pres	2418	psi
Travel Speed Shift High Pressure	4622	psi
One Touch Engine Speed Setting	1000	rpm
AESC Setting	1300	rpm
AESC Delay Time	3.0	sec
Throttle Dial Position 1 Engine Speed	1000	rpm
Throttle Dial Position 2 Engine Speed	1100	rpm
Throttle Dial Position 3 Engine Speed	1200	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	1998	rpm
Throttle Dial Position 1 Hydraulic System Torque Percentage	20.0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	40.0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	60.0	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	81.2	%
Throttle Dial Position 5 Hydraulic System Torque Percentage	86.4	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	86.4	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	86.4	%
Throttle Dial Position 8 Hydraulic System Torque Percentage	86.4	%
Throttle Dial Position 9 Hydraulic System Torque Percentage	86.4	%
Throttle Dial Position 10 Hydraulic System Torque Percentage	105.0	%
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	0	hours
Fuel Filter Recommended Maintenance Interval	500	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	1000	hours
Final Drive Oil Recommended Maintenance Interval	2000	hours
Hydraulic Oil Recommended Maintenance Interval	2000	hours
Swing Drive Oil Recommended Maintenance Interval	1000	hours

Tool Configuration - Hyd Pump Control 320C (0)

Description	Value	Unit
Tool Program Name	0	Active
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
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	30	%
Attachment Valve #1 Flow Setting	42	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Valve #1 Nominal Pressure	2321	psi
Attachment Valve #3 Flow Setting	11	gal/min
Attachment Valve #3 Multi-Operation Additional Flow	0	gal/min
Valve #3 Nominal Pressure	2321	psi

Tool Configuration - Hyd Pump Control 320C (0)

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
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	30	%
Attachment Valve #1 Flow Setting	42	gal/min
Attachment Valve #1 Multi-Operation Additional Flow	0	gal/min
Valve #1 Nominal Pressure	2321	psi

Attachment Valve #3 Flow Setting	11	gal/min
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Throttle Dial Flow Control	On	
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Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	30	%
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Valve #3 Nominal Pressure	2321	psi

Invoice Number: SW500128265

Date: 1/27/11

Account No.: 0056260

Page: 1

Sold To

VERNON PIERSON

Ship To

Invoice Information

WO Number: WA09637
WO Date: 1/19/11Store: DES MOINES
Payment Terms: CHARGE
P/O Number:
Ship Via:
Invoice Type: 101010Make: CATERPILLAR
Model: 320
Serial: 0PAC01146
PIN:
Id No:
Cust Unit:
Meter: .0

Invoice Summary

Parts: 4,100.09
Labor: 812.00
Misc: 126.14-
Taxes: 287.16

Amount Due: \$5,073.11

Invoice Total: 5,073.11

Quantity	Item	N/R	Description	Unit Price	Extended
HONE RESEAL STICK CYLINDER HONE AND RESEAL STICK CYLINDER. ROD WAS SCRATCHED AND NICKED. THE SCORING MARKS CAUSED THE ROD SEALS TO LEAK OIL. THE DAMAGE WAS TO GREAT TO REPAIR. DISASSEMBLED CYLINDER. QUOTED NEW ROD. NO REMANS WERE AVAILABLE. HONED AND WASHED THE BARREL. HEAD BEARING WAS SCORED FROM CONTACT TO THE ROD. REMOVED AND INSTALLED NEW HEAD BEARING. BEAD BLASTED THE HEAD. CLEANED AND RESEALED THE HEAD AND PISTON. ASSEMBLED ROD PACK AND TORQUED THE PISTON NUT TO 8800 FOOT POUNDS. INSTALLED SET SCREW AND TORQUED TO 42 FOOT POUNDS AND STACKED THE NUT. INSTALLED THE BARREL SNUBBER ONTO THE ROD. PUSHED BARREL ONTO ROD PACK AND TORQUED THE HEAD BOLTS TO 271 FOOT POUNDS. CYLINDER PRESSURE TESTED GOOD. PLUGGED PORTS AND STAMPED CYLINDER WITH WORK ORDER NUMBER. SHIPPED CYLINDER BACK TO ATLANTIC STORE WITH CUSTOMERS BAD ROD.					
1	096-5625	CLB	BUSHING	S5 65.60	65.60
1	259-0633		SEAL KIT	S5 315.19	315.19
			TOTAL PARTS	SEG. 60	380.79 *
			TOTAL LABOR	SEG. 60	812.00 *
			SEGMENT 60 TOTAL		1192.79 T

EXTRA PARTS/LABOR/MIS FOR STICK CYLINDER					
2	177-2573		SEAL-LIP	S5 16.85	33.70
1	177-2598		CYLINDER AS	N5 3344.44	3344.44
1-	177-2598		CYLINDER AS	N5 3344.44	3344.44-
1	177-2599		ROD AS	N5 3685.60	3685.60
			TOTAL PARTS	SEG. 61	3719.30 *
			SEGMENT 61 TOTAL		3719.30 T

1.00-	PROMOTION				
	15 HYD. REPAIR				178.92-
			TOTAL MISC CHGS	SEG. 64	178.92-*
			SEGMENT 64 TOTAL		178.92-T

			SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES		52.78 T
			IA SALES TAX-5		239.30 T
			IA SILO POLK		47.86 T
DUE BY 10TH OF THE NEXT MONTH					
				INVOICE TOTAL	5,073.11

SOLD TO

SHIP TO

VERNON PIERSON

Document Number: 0073960

P/O Number:

Make: AA

ID No:

Document Date: 04-09-13

Ship Via:

Model: 320C

Branch: Omaha

Cust Unit:

Serial: OPA201146

Meter:

Quantity	Item	N/A	Description	Unit Price	Extension
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* * *

PROFORMA INVOICE

* * *

REPLACE GASKET/RESEAL FINAL DRIVE
RIGHT SIDE

CUSTOMER CONCERN

OIL LEAK

CAUSE OF FAILURE

BROKEN DUO CONE SEAL

RESULTANT DAMAGE

NONE

REPAIR COMMENTS

DISASSEMBLE & FOUND DUO CONE SEAL BROKEN, ALL
GEARS ARE REUSABLE. REASSEMBLE WITH NEW SEALS.

1	6D-0692	SEAL O RING	S	7.16	7.16
		00000			
2	7M-8485	SEAL	S	1.57	3.14
		00000			
1	095-1585	O-RING	S	1.01	1.01
		00000			
1	095-1685	O-RING	S	6.27	6.27
		00000			
2	095-1700	O-RING	S	1.77	3.54
		00000			
1	174-4874	SEAL G-DUO	S	166.43	166.43
		00000			
2	38657	H-FLEX FORM-IN-PLAS		19.77	39.54
		00000			

Please Pay This Amount:

CONT'D

Amount Credited:

Invoice Number: 0073960

Invoice Date: 04-10-13

Account Number:

Page: 2

SOLD TO

SHIP TO

VERNON PIERSON

Document Number: 0073960

P/O Number:

Make: AA

ID No:

Document Date: 04-09-13

Ship Via:

Model: 320C

Branch: Omaha

Cust Unit:

Serial: 0PAE01146

Meter:

Quantity	Item	N/R	Description	Unit Price	Extension
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* * * PROFORMA INVOICE * * *

1 1GBL8

2IN WIRE WHEEL S
00000

23.82

23.82

TOTAL PARTS

SEG. 01

250.91 *

TOTAL LABOR

SEG. 01

654.00 *

SEGMENT 01 TOTAL

904.91 T

NE SALES TAX

49.77 T

Please Pay This Amount:

954.68

Amount Credited: