

40204



Wajax
17604 105 Avenue NW
Edmonton AB T5S 1G4

INVOICE PROPOSAL

1 (4)

Invoice date	Due date	Order number	Your order number	Reference	Order date
16/Jun/2022	16/Jun/2022	TG0-7100036510	MC AUTH# 061321	1-877-GO-WAJAX	12/Apr/2022

Payer CSHTG0

Customer CSHTG0

Payer address

Location address

CASH SALES EDMONTON
17604-105 AVE
EDMONTON AB T5S 2G4

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17604-105 AVE
EDMONTON AB T5S 2G4

Contact Fil
Phone 780 782 0017
Fax
E-mail Filmongmichael@gmail.com

Entered by Trevor Graham
Phone 780-483-6641
Fax 780-484-4378
E-mail tgraham@Wajax.com

COD

Delivery method	Delivery terms	Payment terms	Delivery date
None	Service	Cash on Delivery	12/Apr/2022

Line	Product	Description	Lot number	Service
1	270CLC	JD EXCAVATOR Brand JOHN DEERE <u>Meters</u> Hours: 13078.00 KM: 0.00	FF270CX702438 Miles: 0.00	FIELD-
<p>SWING NOISE AND CHARGING</p> <p>=====</p> <p>APR 20/2022-TRAVEL TO UNIT. DIAGNOSE COMPLAINT OF NOISY SWING. FOUND SWING BRAKE IS NOT RELEASING AND IS MAKING NOISE WHEN THE UNIT STARTS AND STOPS DUE TO THE BRAKE GRABBING AND SLIPPING. REMOVE BRAKE RELEASE VALVE, DISASSEMBLE, AND INSPECT SPOOL. FOUND SCREEN IN BOTTOM OF SPOOL IS PLUGGED. CLEAN, ASSEMBLE AND INSTALL. TEST - OK, SWING WORKS NORMALLY NOW. CHECK RELIEF VALVE SETTING OF ALL FUNCTIONS - OK, ALL ARE AT SPEC. REPLACE BROKEN FRONT ATTACHMENT PRESSURE SENSOR, AS PER CUSTOMER REQUEST. MAY 12/2022-DROVE OUT TO SITE. FOUND THAT THERE WAS NO POWER GOING TO THE CAB. FOUND THAT THE FUSE-ABLE LINK WAS BLOWN. SWITCHED ONE BATTERY OUT DUE TO THE DAMAGE TO THE POST WITH THE CUSTOMERS APPROVAL. INSTALLED NEW FUSES AND GOT POWER BACK TO THE CAB STARTED UNIT. CONFIRMED THAT THE UNIT WAS NOT CHARGING, FOUND THAT THE ALTERNATOR WAS NOT CHARGING. CONFIRMED THAT THE TRACK CONTROLS WERE BACKWARDS. SWAPPED THE TOP ROTARY MANIFOLD LINES AND CONFIRMED THAT THEY WERE NOW TRACKING PROPERLY. CHANGED THE ALTERNATOR, CONFIRMED THAT THE UNIT WAS CHARGING PROPERLY. CUSTOMER WANTED ME TO GO THROUGH THE SWING DRIVE, AND CHECK FOR ANY LOOSE BOLTS</p>				



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AND TIGHTENED THEM. TOPPED OFF ENGINE OIL:
MAY 13/2022-DROVE OUT TO SITE. CONFIRMED CUSTOMER COMPLAINT.
REMOVED THE BRAKE VALVE AND REMOVED THE SCREEN IN THE VALVE.
TESTED UNIT, CONFIRMED COMPLAINT WENT AWAY, NOTICED THE
WHOLE SWING ASSEMBLY WAS MOVING WHEN SWINGING. REMOVED ALL
THE BOLTS, CLEANED THE BOLTS, PUT BLUE LOCK TIGHT ON AND
TORQUED ALL BOLTS TO SPEC. CONFIRMED THAT THE SWING WAS NOT
SHIFTING WHEN SWINGING, AND WAS SWINGING PROPERLY. CLEANED
UP WORK AREA. DROVE BACK TO THE SHOP.
MAY 16/2022-DRIVE TO SITE. CHECKED OVER SWING DRIVE.
ATTEMPTED TO GET UNIT TO PERFORM CUSTOMER COMPLAINT, WAS NOT
ABLE TO. WATCHED UNIT WORK ONCE UNIT BEGIN HAVING TROUBLE
SWINGING PERFORMED CASE DRAIN TEST, FAILED CASE DRAIN WAS
FILLED UP ABOUT 1-4 PAIN IN 30 SECONDS. WITH CUSTOMER
APPROVAL REMOVED SWING MOTOR. DROVE TO SHOP. UNLOADED SWING
MOTOR.
MAY 19/2022-DROVE AND DROPPED PARTS OFF AT HYDRAULIC REPAIR
SHOP. CLEANED PARTS. DROVE AND PICKED UP PARTS AND BROUGHT
THEM BACK TO THE SHOP.
MAY 26/2022-TRAVEL TO UNIT. DIAGNOSE UNIT STILL SLOWING
DOWN WHEN HOT. CHECK PUMP CONTROL AND DELIVERY PRESSURES
AND CYCLE TIMES WHEN THE UNIT IS COLD. CYCLE TIMES ARE ALL
A LITTLE SLOW, AND BOTH PUMP 1 & 2 CONTROL PRESSURE ARE LOW
AT 3 MPA. WAIT WHILE OPERATOR WORKS UNIT TO GET IT HOT.
WHEN HE BROUGHT IT BACK TO ME ALL HYDRAULIC FUNCTIONS WERE
EXTREMELY SLOW, AND THE SWING WILL NOT EVEN MOVE. CHECK
PUMP CONTROL PRESSURES AND THEY ARE VERY LOW NOW AT 0.9MPA.
REMOVE TORQUE SPOOLS FROM BOTH PUMP REGULATORS, REAR PUMP
WAS FREE BUT FRONT PUMP WAS STICKY. POLISH SPOOL UNTIL IT
MOVED FREELY AND INSTALL. TEST - NO IMPROVEMENT. HOOK UP
PRESSURE GAUGE AND TEST PILOT PRESSURE FROM PILOT VALVE TO
PILOT SIGNAL MANIFOLD, IT IS 600 PSI WHEN UNIT IS RUNNING
NORMALLY, I RAN IT TO GET IT HOT AND GET FUNCTIONS TO SLOW
DOWN, AND THE PRESSURE REMAINED AT 600 PSI EVEN THOUGH ALL
FUNCTIONS WERE SLOW. MOVE GAUGE TO SA PORT FROM PILOT
SIGNAL MANIFOLD TO PUMP REGULATOR AND RUN UNIT. AS IT GOT
HOTTER THE PILOT PRESSURE DROPPED IN PROPORTION TO HYDRAULIC
OIL TEMP. WHEN EVERYTHING WAS VERY SLOW PILOT PRESSURE TO
REGULATORS WAS ONLY 200 PSI. SUSPECT FAULTY PILOT SIGNAL
MANIFOLD SINCE THERE IS NORMAL PILOT PRESSURE GOING INTO THE



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MANIFOLD BUT THE PILOT PRESSURE LEAVING THE MANIFOLD IS LOW.
LOOK UP AND ORDER PARTS. INSTALL PANELS, CLEAN UP AND TRAVEL TO SHOP.

MAY 30 2022- PICK UP PARTS AND TRAVEL TO UNIT.PERLACE PILOT SIGNAL MANIFOLD.DIAGNOSE CUSTOMER COMPLAINT OF SWING DRIVE LOOSE,AFTER A PREVIOUS TECHNICIAN FROM WAJAX TIGHTENED JUST A FEW HOURS AGO.FOUND ALL SWING DRIVE MOUNTING BOLTS ARE LOOSE,WAS ABLE TO REMOVE THEM ALL WITH MY FINGERS.CLEANED OUT THE BOLT HOLES,APPLIED RED LOCTITE TO BOLTS AND TORQUED THEM TO 470 FT-LBS.OPERATE UNIT AND CHECK FOR LEAKS,NONE VISIBLE.WAIT WHILE OPERATOR RAN UNIT FOR APPREXIMATELY 40 MINUTES.IT RAN NORMALLY THE ENTIRE TIME AND PUMP CONTROL PRESSURE STAYED NORMAL THE ENTIRE TIME TOO.CLEAN UP AND TRAVEL TO SHOP.

APR 13/2022-TOOK \$1000.00 DEPOSIT ON MASTER CARD, AUTH# 073336.

MAY 12/2022-TOOK 2ND \$1000.00 DEPOSIT ON MASTER CARD, AUTH# 054361.

MAY 16/2022-TOOK 3RD \$1000.00 DEPOSIT ON MASTER CARD, AUTH# 039508.

JUNE 13/2022-TOOK \$3000.00 DEPOSIT ON MASTER CARD, AUTH# 043234.

JUNE 16/2022-TOOK \$3840.83 PAYMENT ON MASTER CARD, AUTH# 061321.

6100040204/7100036510

Tr no	Line type	Op/Item / Description	Quantity	U/M	Price	Discount amt	Handling chg	Total
4	Miscellaneous	TRAVELKM KMs May 12/22 Matt B	50.00	EA	1.91			95.50
13	Miscellaneous	FREIGHTIN FREIGHT	1.00	EA	50.00			50.00
7	Material	0308623 O-RING	1.00	EA	7.35			7.35
1	Material	4436535B SENSOR	1.00	EA	156.89			156.89
18	Material	4486321 FLOW CONTROL HYD. VALVE	1.00	EA	1,630.56			1,630.56
15	Material	710000001	1.00	EA	54.00			54.00



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Item	Description	Quantity	Unit	Price	Total
14	Material Core Charge G4DA BATTERY Lot/Ser no 2203300000001014	1.00	EA	320.22	320.22
2	Labor 0002 Fleld	31.00	HRS	198.00	6,138.00
19	Subcontract lab valve plate to rotor	1.00	EA		299.00
				Labor	6,138.00
				Material	2,169.02
				Subcontract	299.00
				Miscellaneous	145.50
				Environmental Charge	268.28
				Shop Supplies	352.42
				Sub total	9,372.22

Order total	9,372.22
GST/HST (%)5.00	468.61
AB - GST(5%)	
Total Tax	468.61
Invoice Total	CAD 9,840.83

Remit To: **WAJAX**
M9082C/U
PO BOX 11790 DEPT 29
SUCCURSALE CENTRE-VILLE
MONTREAL QC H3C 0C4

GST/HST: 839899747RT0005
PST/QST: 070246-4

"Integrated Distribution Systems Limited Partnership" division of/de Wajax

Terms and Conditions: Wajax's Standard Terms and Conditions of Sale (including its standard Products and Services Warranties), which are publicly available online at <https://www.wajax.com/terms-conditions/>, form an integral part of this agreement and are hereby incorporated herein by reference. By signing or otherwise accepting this document, Customer acknowledges having read and accepts Wajax's Standard Terms and Conditions of Sale. 151170917457706647 COS184PF M3 PRD 100WLT

WAJAX AB 205
17604 105 AVE NW T5S1G4
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EDMONTON AB
20177618
QC2017761801

SALE

05-16-2022 08:01:31
Acct # *****6007 M
Exp Date **/** Card Type MC

Trace # 610001
Inv. # 7100036510 CVD Resp Y
Auth # 039508 RRN 001864001

Sale \$1,000.00

TOTAL \$1,000.00

SALE

05-12-2022 08:28:47
Acct # *****6007 M
Exp Date **/** Card Type MC

Trace # 590001
Inv. # 7100036510 CVD Resp Y
Auth # 054361 RRN 001862001

Sale \$1,000.00

TOTAL \$1,000.00

SALE

04-13-2022 12:52:44
Acct # *****6007 M
Exp Date **/** Card Type MC

Trace # 390005
Inv. # 7100036510 CVD Resp Y
Auth # 073336 RRN 001842005

Sale \$1,000.00

TOTAL \$1,000.00

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001 APPROVED-THANK YOU
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20177618
QC2017761801

WAJAX AB 205
17604 105 AVE NW T5S1G4
EDMONTON AB
20177618
QC2017761801

SALE

06-13-2022 11:31:44
Acct # *****6007 M
Exp Date **/** Card Type MC

Trace # 800007
Inv. # 7100036510 CVD Resp Y
Auth # 043234 RRN 001883007

Sale \$3,000.00

TOTAL \$3,000.00

SALE

06-16-2022 11:02:04
Acct # *****6007 M
Exp Date **/** Card Type MC

Trace # 830001
Inv. # 7100036510 CVD Resp Y
Auth # 061321 RRN 001886001

Sale \$3,840.83

TOTAL \$3,840.83

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9840.83