Brandt

Brandt Tractor Ltd.
9500 190th St.
Surrey, BC
V4N 3S2
(604)882-8888

Service Invoice

JOHN DEERE

INVOICE DATE	BRANCH	INVOICE NO.
30JAN26	114	114500169

SOLD TO: [redacted]

PAGE 1

SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN	
P-11-86021	[redacted]	114500169	01	22JAN26		

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	944K	1DW944KXTHE680319	FMC809	15626	STAN

DESCRIPTION	AMOUNT
TRAVEL TO SITE @ HIGHLAND QUARRY	
* LABOR *	1,040.00
ENVIRONMENTAL FEE 10.40	10.40
>>--> SEG# 01 PRT .00 LAB 1,040.00 MSC 10.40	1,050.40
* GST/HST * 52.52	
DIAGNOSE & REPAIR 109.01 COOLANT PRESSURE LOW / 110.00	
COOLANT TEMP HIGH Diagnose and repair for active ECU codes 110.04 - Coolant temperature sensor circuit fault. The engine coolant temperature signal is lower than the sensor's low voltage specification and 109.01 - Engine Coolant Pressure Signal Extremely Low. The engine coolant pressure sensor signal voltage to the ECU corresponds to a pressure extremely lower than a defined threshold in the ECU. Noticed with the machine running the hydraulic fan would intermittently cut in and out the temperature gauge on the monitor would fluctuate between low and high. Noticed the coolant level in the surge tank was low. Pressurized the cooling system and checked for leaks. Found coolant leaking out from the upper radiator hose at the thermostat housing as well as the collective box inside of the quad cooler. Tightened the hose clamps and repressurized the cooling system. Found the cooling system had maintained pressure with no visual signs of leaks. Reviewed the electrical schematics and checked the electrical circuits with the diagnostic test box. Found the wiring harness for coolant temperature sensor had shorted	

QST # 1226957240

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF $1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto.
It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X _____
SIGNATURE

_____
DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	
TOTAL LABOR	
MISC. CHARGES	
SALES TAX	
PLEASE PAY THIS TOTAL ▶	**CONTINUED**

CUSTOMER COPY

LF-1152C

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SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN	
P-11-86021	[redacted]	114500169	02	22JAN26		

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	944K	1DW944KXTHE680319	FMC809	15626	STAN

DESCRIPTION					AMOUNT
out onto the valve cover. Repaired the wiring harness and secured the harness into position. Cleared the stored DTCs and briefly operated the machine without expiring any further issues.					
1	57M9814	ELEC CO		1.08	1.08
1	57M15935	ELEC CO		13.51	13.51
1	57M9786	ELEC CO		13.03	13.03
4	TY26576	COOL-GAR		62.87	251.48
40	WDF	WASTE DI		.10	4.00
1	DZ105915	PRESSURE		340.55	340.55
	* LABOR *				1,040.00
	SERVICE ACCESSORIES			93.60	93.60
	ENVIRONMENTAL FEE			10.40	10.40
>>--> SEG# 02 PRT	623.65	LAB	1,040.00	MSC 104.00	1,767.65
	* GST/HST *			88.38	
DIAGNOSE & REPAIR ENGINE IN FINAL DERATE CONDITION					
Diagnose and repair for machine in final derate condition. Found active ECU codes: 3719.00 - Exhaust filter extremely restricted, 2659.15 - EGR system flow fault, 3719.16 - Exhaust filter restricted, and 2791.07 - EGR valve position fault and 27.03 - EGR sensor circuit fault. Inspected the Y5400 electrical connector at the EGR valve and found no issues with the terminals. Checked the electrical circuit with the diagnostic test box and found the A5502 - 18 - Signal wire was open. Opened the wiring harness going to the Y5400 electrical connector at the EGR valve and found the wire had been damaged.					

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X _____ SIGNATURE

_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	
TOTAL LABOR	
MISC. CHARGES	
SALES TAX	
PLEASE PAY THIS TOTAL	

CONTINUED

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SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
P-11-86021	[redacted]	114500169	03	22JAN26	

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	944K	1DW944KXTHE680319	FMC809	15626	STAN

DESCRIPTION					AMOUNT
Repaired the damaged wire and replaced the electrical connector and terminals. Performed a 3-hour service regeneration followed by an extended parked regeneration. Checked the soot levels through the monitor and found the soot levels were now reading low. Checked for codes and found ECU code 2659.04 - EGR delta pressure sensor circuit fault was now active. The ignition key on and engine off the EGR flow sensor differential pressure was reading 9.6psi. Checked the electrical circuit with the diagnostic test box and found no issues with the harness. Retuned to the machine the next morning with a replacement EGR flow sensor. Replaced the faulty EGR flow sensor and reattached the electrical connector. Performed a parked regeneration while monitoring the reading of the sensors. Found no discrepancies the readings of the sensors. The operator had mentioned that a clunking noise could be heard coming from the rear axle. Had a quick look at the rear axle and noticed signs that the axle had been moving along the trunnion excessively.					
	* LABOR *				2,600.00
	SERVICE ACCESSORIES			234.00	234.00
	ENVIRONMENTAL FEE			26.00	26.00
>>--> SEG# 03	PRT	.00	LAB 2,600.00	MSC 260.00	2,860.00
	* GST/HST *			143.00	
	* TOTAL GST/HST * - GST No. 899544779				283.90

QST # 1226957240

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_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	623.65
TOTAL LABOR	4,680.00
MISC. CHARGES	374.40
SALES TAX	0.28
PLEASE PAY THIS TOTAL ▶	5,962.23

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LF-1152C