

TOROMONT



Visit our web site at www.toromontcat.com
50 Enterprise Drive, London, ON, 519-681-1900

SOLD TO:

MALCOLM HOLDINGS INC.
385432 HIGHWAY 59
RR# 1
PO BOX 179
BURGESSVILLE ON N0J 1C0

SHIP TO:

				INVOICE NUMBER	INVOICE DATE
				WO070871501	2024-06-19
WORKORDER NO.	W/O OPEN DATE	UNIT NO.	ACCOUNT NO.	P.O. NO.	PAGE
LD40873	2024-01-18		6043995	950K	1 of 4
MAKE	MODEL	SERIAL NO.	M/HRS	GST / HST: 892135443 RT0001	
AA	950K	0FER01166	10700.0	QST:1021938901 TQ0002	

ALL OT CHARGES REMOVED

50% SUPPORT ON PARTS AND LABOUR
AS PER TOROMONT LONDON APPROVAL

SEGMENT: 01

TRAVEL TO/FROM 4 MACHINE

LOCATED IN WOODSTOCK ON THE FOLLOWING DATES:
- TOTAL OF 12 TRIPS REQUIRED FOR DIAGNOSE AND
REPAIRS - CUSTOMER CHARGED FOR 4 TRIPS
TOROMONT LONDON SUPPORTED REPAIRS

QTY	ITEM NO.	DESCRIPTION	SOS	UNIT PRICE	EXT. PRICE	TOT. PRICE
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		FIRM MISC.				1852.00 *
		SEGMENT 01 TOTAL				1852.00 T

SEGMENT: 02

DIAGNOSE AFTERTREATMENT SYSTEM

INITIAL CONCERN:

- MACHINE WON'T PERFORM HIGH SPEED REGEN

CAUSE OF FAILURE:

- DPF AND DOC PLUGGED HISTORY

REPAIR COMMENTS:

- ARRIVED ONSITE AND HOOKED UP CAT ET, FOUND AN
ACTIVE FAULT FOR ARD LOSS OF COMBUSTION AND HIGH
SOOT LOADING OF 101%. MACHINE WON'T PERFORM REGEN
ON IT'S OWN, THIS HAS BEEN AN ONTOING ISSUE.
- VERIFIED ARD SYSTEM WAS WORKING PROPERLY, NO
ISSUES FOUND. RAN A MANUAL DPF REGENERATION IN
ORDER TO BRING SOOT LOAD DOWN BELOW 80%. REPLACED
SPARK PLUG AS PRECAUTION. RAN ARD IGNITION TEST,
SUCCESS. PERFORMED ARD AIR SYSTEM SERVICE TEST,
SUCCESS. UPON COMPLETION OF MANUAL REGEN, THE SOOT
LOAD WENT FROM 101% TO 0%. LOOKED BACK INTO THE
MACHINES WORK ORDER HISTORY AND DETERMINED DPF
SHOULD BE REPLACED DUE TO IT'S AGE. ORDERED PARTS.
- RETURNED TO SITE. REPLACED DPF WITH REMAN AND
PERFORMED MANUAL REGEN. SOOT LOAD NOW AT 0% WITH
NEW DPF INSTALLED. ADVISED CUSTOMER TO RUN MACHINE
AND MONITOR TO SEE IF IT WILL PERFORM AND COMPLETE
A HIGH SPEED REGEN ON ITS OWN. RETURNED MACHINE
BACK IN TO SERVICE.

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ON GOING ISSUE WITH UNIT SINCE ENGINE WAS REBUILT.
WILL NOT PERFORM HIGH SPEED REGEN WHILE WORKING
MULTIPLE TIMES OUT TO UNIT
GATHERING DATA LOGS WHILE RUNNING
CHECKED BLOW BY- OK.
ON GOING DSN CRM-2199988-V9L7
CAT SAID ISSUE WAS POSSIBLY IN THE CEM DUE TO
COOLANT CONTAMINATION.
BORE SCOPED CEM LOOKING FOR EVIDENCE- CAT SAID DOC
WAS PLUGGED
PULLED DOC AND HAD IT SENT OUT TO BE CLEANED.
DURING CLEANING THE ONE SOOT SENSOR WAS DAMAGED.
REPLACE SOOT SENSOR.
RUN MACHINE FOR A FEW DAYS WITH CLEANED DOC-
CUSTOMER STILL STATED THAT IT WAS NOT PERFORMING AN
ACTIVE REGEN.
CAT RECOMMENDED REPLACING THE DOC.
TOOK A WHILE TO COME IN AND IN THE MEANTIME THE
MACHINE JUST STARTED PERFORMING HIGH SPEED REGENS
ON ITS OWN. SUSPECT DOC HAS CLEAN ITSELF
ENOUGH TO COMPLETE HIGH SPEED REGEN.
IF ISSUE REOCCURS - DOC WILL NEED TO BE REPLACED

QTY	ITEM NO.	DESCRIPTION	SOS	UNIT PRICE	EXT. PRICE	TOT. PRICE
1	20R-8028	KIT-FILTER	N 000	5000.48	5000.48	
1		DEPOSIT CHG	N 000	3853.55	3853.55	
1-		WORN CORE	N 000	3853.55	3853.55-	
1	295-3099	PLUG-SPARK	S 000	27.66	27.66	
1	349-7695	ANTENNA AS	S 000	101.12	101.12	
		TOTAL PARTS	SEG. 02		5129.26	*
		LESS 50%-PARTS			2564.63	-*
		TOTAL LABOR	SEG. 02		5673.00	*
		LESS 50%-LABOR			2836.48	-*
1.00		DOC CLEAN		474.60	474.60	
		TOTAL MISC CHGS			474.60	*
		LESS 50%-MISC			237.30	-*
		SEGMENT 02 TOTAL			5638.45	T

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SEGMENT: 03**REPAIR EGR SYSTEM****EGR FAULT****INITIAL CONCERN**

- EGR VALVE NOT RESPONDING

CAUSE OF FAILURE

- EGR VALVE FAILURE

REPAIR COMMENTS

- SECURE MACHINE

- VERIFY FAULTS

- MACHINE DIAGNOSED PRIOR TO ME GOING OUT

- REMOVE EGR VALVE, HAD TO BE AIR HAMMERED OVER,
WAS SEIZED BADLY

- INSTALL NEW EGR VALVE AND REASSEMBLE

- VERIFY REPAIR, PASSED SWEEP TEST TWICE IN A ROW

QTY	ITEM NO.	DESCRIPTION	SOS	UNIT PRICE	EXT. PRICE	TOT. PRICE
2	3T-0849	SCREW	S 000	3.09	6.18	
2	217-9039	STRAP-CABLE	S 000	10.28	20.56	
2	332-7865	CABLE-TIES	S 000	.88	1.76	
1	346-9508	SEAL	S 000	10.16	10.16	
1	578-9953	VALVE AS	S 000	1006.03	1006.03	
		TOTAL PARTS	SEG. 03			1044.69 *
		TOTAL LABOR	SEG. 03			876.00 *
		SEGMENT 03 TOTAL				1920.69 T

SEGMENT: 04**REMOVE & INSTALL COMBUSTION HEAD****INITIAL CONCERN**

PARTS NOT REQUIRED

CAUSE OF FAILURE

PARTS NOT REQUIRED

REPAIR COMMENTS

PARTS NOT REQUIRED

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SEGMENT 04 TOTAL

.00 T

ENVIRONMENTAL

56.00 T

TOTAL BEFORE TAXES:
ONTARIO HST 13%

9467.14
1230.73 T

INVOICE TOTAL: CAD

10697.87

PURSUANT TO THE ONTARIO REPAIR AND STORAGE LIENS ACT, THE MANITOBA GARAGE KEEPERS ACT, OR THE GARAGE KEEPERS LIEN ACT OF NUNAVUT, AS APPLICABLE, THE UNDERSIGNED HEREBY ACKNOWLEDGES ITSELF INDEBTED TO TOROMONT INDUSTRIES LTD. IN THE AMOUNT OF THIS INVOICE.

**

* AUTHORIZED NAME (PLEASE PRINT): _____

**

* SIGNED BY: _____

**

* TITLE: _____

***** YOU MAY BE ASKED TO PARTICIPATE IN A TELEPHONE SURVEY.*****
IF YOU WOULD RATE US AT LESS THAN A 9 OR 10, WE HAVE FAILED TO PROVIDE
THE EXPERIENCE YOU DESERVE. PLEASE CONTACT OUR CUSTOMER EXPERIENCE TEAM
AT CUSTOMEREXPERIENCE@TOROMONT.COM WITH ANY CONCERNS/RECOMMENDATIONS
THANK YOU!

CREDIT MANAGER CONTACT : (905) 594-0289 LDNWND@TOROMONT.COM
SERVICE CONTACT : (519) 685-5214 GREG MARCHE

* LAST PAGE *

*INVSERV-20240502-1
POPPER01-W.O.IN2260A-176146-000001-20240619111126-XUPN02A5B

Payment required upon delivery. Please disregard if invoice already paid.

Thank you. We appreciate your business.

ORIGINAL INVOICE**PLEASE REMIT PAYMENT TO:**

Toromont Cat
A Division Of Toromont Industries Ltd.
3131 Highway 7 West, P.O. Box 5511
Concord ON L4K 1B7

Internet Banking payment accepted at most financial institutions; EFT available - Call your credit contact.
Invoice due 30 days from invoice date. Late payment charges of 1.5% per month (18% annually) will be charged on all past due amounts.