



Invoice No: **165737**

INVOICE

Page 1 of 4

Cell: 641-590-1835

SERVICE ADVISOR

55	03	MACK DM688SX	1M2B213C43M004933	100698 / 100698	T55	
DEL DATE	PROD. DATE	WARR. EXP.	EST. COMPLETION	PO NO.	PAYMENT	INV. DATE
15APR02			22:30 24MAY19	41597DO	CHG	23MAY19
R.O. OPENED		R.O. CLOSED		OPTIONS: DLR:1 1)E7-350 ETECH S/N 2D0080 2)T2110B S/N 2D0048 3)REMAN TRANY INSTALLED 5.23.19 S/N 95181627		
19:04 25APR19		13:22 23MAY19				

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
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A REPAIR THE CAUSE OF THE TRANSMISSION TO NOT SHIFT INTO REVERSE , ALSO
IT GRINDS FROM LOW TO HIGH

4310030001 TRANSMISSION, REPLACEMENT
898 CPP

1 11KB51632X REMAN TRANS, T2110B
CORE CHARGE C

SER #95181627

1 2104*10893591MO* CLUTCH-REMAN 7
CORE CHARGE C

1 25100046 BALL BEARING

1 2104*127760* CLUTCH BRK(PKG 1PER)

1 2170*61250* SPL250

8 25167646 INSULATOR

8 25155021 WASHER

4 25109333 NUT RETAINER

4 25086458 HEXAGON SCREW

1 20705740 SEALING RING

1 56AX431 GASKET

1 1450*35P151* GASKET

1 25158604 GASKET

1 25163191 END YOKE

1 25157759 LEVER

1 25624890 BOOT

1 25160262 CONNECTING BAR

1 25164838 PIN

1 25625078 SPRING

1 25162256 COVER

3 25095365 FLANGE SCREW

8 3679*MP42455* METRIC LOCK WASHER M10

1 3679*KP86163* GR 8 DOMESTIC HEX NUT 1/2

4 25108312 NUT

4 25496520 CROSS RECESSED SUNK SCREW

2 85133971 KIT

1 25121805 BRACKET

282.39

962.17

622.50

847.61

115.00

55.63

24.71

172.63

169.04

56.32

21.76

74.16

105.06

2.57

2.17

14.15

242.21

132.64

9.55

5.97

35.71

21.80

62.19

15.39

1.36

0.42

16.64

5.60

40.64

63.96

R.O.#: 165737

VIN#: 1M2B213C43M004933

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

THANK YOU, WE APPRECIATE YOUR BUSINESS

BURNSVILLE - DULUTH - EAU CLAIRE - MANKATO - ROCHESTER - ROSEVILLE - ST. CLOUD

Customer Copy

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INVOICE

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SERVICE ADVISOR

COLOR	YEAR	MAKE/MODEL	SN/VIN	UNIT NO.	MILES/HOURS IN/OUT	TAG
55	03	MACK DM688SX	1M2B213C43M004933		100698 / 100698	T55
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R.O. OPENED		R.O. CLOSED		OPTIONS: DLR:1)E7-350 ETECH S/N 2D0080 2)T2110B S/N 2D0048 3)REMAN TRANY INSTALLED 5.23.19 S/N 95181627		
19:04 25APR19		13:22 23MAY19				

LINE OPCODE TECH TYPE HOURS

LIST NET TOTAL

1	25500250	NUT RETAINER			65.22
1	3679*KP44059*	KAR TITE GR. 8 HX HD CS 7			0.83
4	3679*KP80418*	G9 FLAT WASHERS 5/8 SAE Z			1.32
1	20758295	LOCKING PIN			1.09
1	3679*KP60780*	1/4X 1/8NPT DOT MALE AIR			6.55
1	3679*10784*	ELB, MALE, 45DEG, NTA AIR			5.91
1	25111406	BUSHING			10.61
1	25090423	SPRING			24.78
1	3679*PF00053*	PKR PTC DOT EL 90DEG -4 T			7.26
4	3679*KP44040*	KAR TITE GR. 8 HX HD CS 3			2.00
4	3679*36727*	LOCK WASHER 3/8			0.32
1	8397718	TUBE FITTING			7.86
2	3679*PF00040*	PKR PTC DOT UNION -4 TUBE			12.50
30	3679*18106X*	CABLE TIE BLACK 3/16 X 15			2.40
-1	11KB51632X	CORE RETURN			-3622.50
-1	2104*10893591MO*	CORE RETURN			-115.00
3	25106143	CROSS RECESSED SCREW			12.54
2	3679*36726*	LOCK WASHER 5/16			0.12
2	3679*MPKP45021*	KAR TITE GR. 8 HX HD CS 5			0.80
14	3679*33835*	HX HD DRILL-PT SCR 10-16			2.24
40	9853*TSGL400*	80/90 GEAR LUBE			70.40
4	OIL-DEGREASER	PER QUART			20.24

SUBL RESURFACEFLYWHEEL

CSUBL

MISC HELI-COIL

TOTAL LINE A: 14795.26

100698 TEST DROVE THE TRUCK, IN LOW AND HIGH RANGE. CHECKED THE REVERSE. TRUCK WILL NOT STAY IN REVERSE. INSPECTED THE TRANSMISSION. FOUND THE PRELOAD ON THE COMPOUND MAIN SHAFT WAS GONE AND FOUND LOTS OF METAL IN THE OIL. FOUND THE #1 U JOINT HAD FAILED AND WRECKED THE OUT PUT YOKE. REMOVED THE CAB FLOOR AND THE DOG HOUSE COVER TO GET TO THE TOP OF THE TRANSMISSION. A FEW BOLTS HAD TO BE DRILLED OUT BECAUSE OF RUST. REMOVED THE DRIVE SHAFT AND HYDRAULIC PUMP. HAD TO REMOVE THE

ATTENTION:

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

3
FAX # 507-424-4130

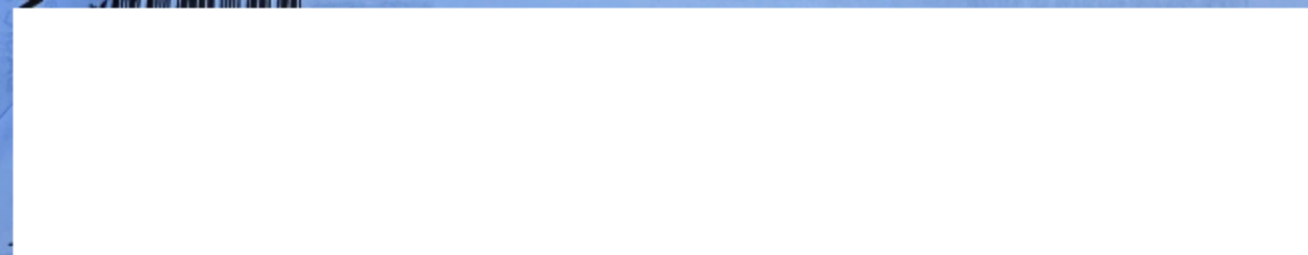
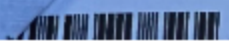
UTH, P.O. BOX 6699

41597DO

VENDOR: THIS COMPLETE PURCHASE ORDER

AGGREGATES L.C.

BUCK &
UPPERMEN



55	03	MACK DM688SX	1M2B213C43M004933		100698 / 100698	T55
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19:04 25APR19	13:22 23MAY19					

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
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SUCTION HOSE FROM THE TANK TO ALLOW THE TRANSMISSION TO COME OUT. REMOVED THE TRANSMISSION MOUNTS. REMOVED THE TRANSMISSION, CLUTCH, AND FLY WHEEL. REPLACED THE REAR MAIN SEAL. INSTALLED THE RESURFACED FLY WHEEL AND NEW CLUTCH. REPLACED THE #1 U JOINT. STEAM CLEANED THE TRANSMISSION OFF. REMOVE BOTH PTOS. REMOVED THE BRACKETS AND FITTINGS. INSPECTED ALL OF THE PARTS. THE PTO HAS WORE OUT SLIDING CLUTCH TEETH AND SHOULD BE REPAIRED. HAD TO HELICOIL ONE FLY WHEEL HOUSING BOLT HOLE BECAUSE THE THREADS PULLED OUT. TRANSFERRED FITTINGS AND BRACKETS TO THE NEW TRANSMISSION. INSTALLED A NEW PTO FOR THE HYDRAULIC PUMP. INSTALLED THE REAR PTO TO THE TRANSMISSION. INSTALLED THE TRANSMISSION, HYDRAULIC PUMP, HYDRAULIC LINES, AND DRIVE SHAFT. ADDED 80/90 GEAR OIL TO THE TRANSMISSION. REPAIRED SEVERAL BROKEN FLOOR SCREWS. INSTALLED THE SHIFT LEVER AND HOOKED UP THE LINES. CHECKED FOR AIR LEAKS. ADJUSTED THE CLUTCH AND LINKAGE. CHECKED OPERATION. OF THE CLUTCH AND THE TRANSMISSION. INSTALLED THE FLOOR AND DOG HOUSE. TEST DROVE THE TRUCK AND THE TRANSMISSION SHIFTED WELL. RETURNED THE CORES TO PARTS. TRANSMISSION S/N 95181627. REASSEMBLED THE OLD TRANY FOR CORE AND WASHED TO SHIP BACK TO REMAN CENTER.

B** REPAIR THE CAUSE OF THE REAR PTO TO BE LEAKING OIL
4821030203 GASKET, PTO COVER PLATE, REPLACEMENT

1 25623892 OIL SEALING RING		142.79
PARTS: 8.83 LABOR: 142.79 OTHER: 0.00		8.83
100698 DRAINED THE OIL FROM THE PTO. REMOVED THE PTO OUTPUT YOKE AND SEAL. CLEANED UP ALL OF THE SURFACES. REPLACED THE SEAL AND INSTALLED THE YOKE. FILLED BACK UP WITH OIL. CHECKED FOR OIL LEAKS. NO OIL LEAKS WERE FOUND.		151.62

C** REPAIR THE CAUSE OF THE PTO GEARS TO BE WORN OUT
4821030202 PTO, REPLACEMENT

898 CPP		77.29
1 7753*TG6SM6508P1KX* MUNCIE PTO		760.97
1 FREIGHT INBOUND		76.37

ATTENTION:



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LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

THANK YOU, WE APPRECIATE YOUR BUSINESS!

BURNSVILLE - DULUTH - EAU CLAIRE - MANKATO - ROCHESTER - ROSEVILLE - ST. CLOUD

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19:04 25APR19		13:22 23MAY19				

LINE OPCODE TECH TYPE HOURS

PARTS: NET TOTAL

100698 INSPECTED THE OLD PTO AFTER REMOVED FROM THE OLD TRANSMISSION. FOUND THAT THE GEAR WERE WORN OUT AND THE TEETH WERE ATE UP. INSTALLED A NEW PTO TO THE TRANSMISSION. ADJUSTED THE GEAR LASH TO .006. CHECKED OPERATION AFTER TRANSMISSION WAS INSTALLED. NOTICED THE LIGHT FOR THE PTO INDICATOR FELL DOWN IN TO THE PTO CONTROL BOX. REMOVED COVER AND INSTALLED THE LIGHT BACK IN TO THE INDICATOR LENS. CHECKED OPERATION OF THE LIGHT.

D** REPAIR THE CAUSE OF THE FRONT MOTOR MOUNTS TO BE WORN OUT
2182030203 ENGINE MOUNT, REPLACEMENT (FRONT)

898 - CPP		
4 25164179 INSULATOR		182.09
2 25626139 SPACER		31.44
2 25108598 WASHER		30.86
2 25089732 LOCK NUT		15.62
2 25095339 FLANGE SCREW		15.78
		47.42

PARTS: 141.12 LABOR: 182.09 OTHER: 0.00 TOTAL LINE D: 323.21

100698 JACKED UP THE FRONT OF THE ENGINE. REMOVED AND REPLACED THE FRONT ENGINE MOUNTS.

CUSTOMER PAY SHOP MATERIALS FOR REPAIR ORDER 198.43

R.O.#: 165737

VIN#: 1M2B213C43M004933

THANK YOU, WE APPRECIATE YOUR BUSINESS!

PLEASE PAY
THIS AMOUNT

\$ 16383.15

BURNSVILLE - DULUTH - EAU CLAIRE - MANKATO - ROCHESTER - ROSEVILLE - ST. CLOUD

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