

EK39-1

2006 MACK CXN613

ZF Meritor's Freedom-Line 12 Speed Automatic Transmission

Recent Work Done :

81,000 km ago the Heat Exchanger

87,000 km ago New Remanufactured Engine From Mack

87,000 km ago New Alternator

92,000 km ago the Wiring Harness and Clutch Actuator

COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG	
WHITE	06	MACK CXN613	1M1AK07Y66N006195		837252/837252		
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
01JUN06 DD			17:00 14JUN17		0.00	CASH	16JUN17
R.O. OPENED		READY	OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808				
08:31 14JUN17		13:51 16JUN17	1)*** 3,784 KMS *** 2)TRAN S/N # 016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)				
LINE OPCODE TECH TYPE HOURS			LIST	NET	TOTAL		

A RECEIVE TRUCK N006195 @ 837252 KMS 14585 HRS

99-000-0001 RECEIVE TRUCK N006195 @ 837252 KMS

14585 HRS

PARTS: 407 C 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00

B CHECK 22

99-000-0001 CHECK 22

PARTS: 411 C 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B: 0.00

837252 CHECK 22 INSPECTION

C TRIAGE UNIT PUSHING COOLANT

99-000-0001 TRIAGE UNIT PUSHING COOLANT

31 C 408 C

1 25171316 CAP ASSEMBLY	790.00	790.00
1 21301444 HEAT EXCHANGER	38.49	30.55
2 21167013 CLAMP	4707.26	3735.92
2 25624065 GSKT	93.54	74.23
1 25101072 VALVE	12.63	10.02
1 9854-228411J MACK50/50	2067.61	1640.96
1 EHC4 VPC228414J	17.20	13.32
	0.40	0.40
PARTS: 5589.25	LABOR: 790.00	OTHER: 0.40
		TOTAL LINE C: 6379.65

837252 UPON INSPECTION FOUND LOWER SURGE TANK CAP BROKEN AND TANK FULL OF COOLANT. REMOVE LINE AND EMPTY OUT TANK, REINSTALL LINE, REPLACE TANK CAP. TAKE TRUCK FOR TEST DRIVE, REINSPECT ON RETURN TO SHOP, FOUND SURGE TANK ALMOST FULL AGAIN. DRAIN COOLANT, REMOVE PIPEWORK TO AND FROM EGR COOLER, UNBOLT AND REMOVE EGR MASS FLOW SENSOR ASSEMBLY AND MOVE TO ONE SIDE. UNBOLT AND REMOVE EGR COOLER. INSPECT AND FOUND INTERNAL CORE FAILURE AND COOLANT PRESENT IN GAS CORE. INSTALL NEW

			DESCRIPTION	TOTALS
EDMONTON			LABOR AMOUNT	
GRANDE PRAIRIE			PARTS AMOUNT	
RED DEER			GAS, OIL, LUBE	
18110-118 AVE			SUBLET AMOUNT	
Edmonton, AB T5S 2G2			MISC. CHARGES	
PHONE: 780-452-6225			TOTAL CHARGES	
11401-96 AVE			LESS INSURANCE	
Grande Prairie, AB T8V 5M3			GST# 87144 8890 RT0001	
PHONE: 780-532-1290			PLEASE PAY THIS AMOUNT	
262 Burnt Park Drive				
Red Deer County, AB T4S 2L4				
PHONE: 403-342-4187				

TERMS: Net 30 Days FROM DATE OF INVOICE.

COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
WHITE	06	MACK CXN613	1M1AK07Y66N006195		837252/837252	
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT
01JUN06 DD			17:00 14JUN17		0.00	CASH
R.O. OPENED	READY	OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808				
08:31 14JUN17	13:51 16JUN17	1)*** 3,784 KMS *** 2)TRAN S/N #				
LINE OPCODE	TECH TYPE	HOURS	016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)			
CUSTOMER PAY	SHOP CHARGE	FOR REPAIR ORDER	LIST	NET	TOTAL	
					63.20	

 YOU MAY RECEIVE A CUSTOMER SERVICE SURVEY TO
 COMPLETE. IF YOU CAN NOT ANSWER "COMPLETELY
 SATISFIED" TO ALL QUESTIONS, PLEASE CONTACT
 OUR SERVICE MANAGER IN ORDER FOR US TO MAKE
 YOUR SERVICE EXPERIENCE A COMPLETELY
 SATISFIED ONE! THANK YOU FOR YOUR COOPERATION

NORTRUX

INC.

*Paid
 Chg # 679
 June 2/2017*

GST TO			(#: RT 893193672)	322.14
			DESCRIPTION	TOTALS
			LABOR AMOUNT	790.00
			PARTS AMOUNT	5589.25
			GAS, OIL, LUBE	0.00
			SUBLET AMOUNT	0.00
			MISC. CHARGES	63.60
			TOTAL CHARGES	6442.85
			LESS INSURANCE	0.00
			GST# 87144 8890 RT0001	322.14
			PLEASE PAY THIS AMOUNT	6764.99

TERMS: Net 30 Days FROM DATE OF INVOICE.

SERVICE ADVISOR: 405 Andrew Prevost

SERVICE ADVISOR: 405 Andrew Prevost									
COLOUR	YEAR	MAKE/MODEL		VIN	LICENSE	MILEAGE IN/ OUT		TAG	
WHITE	06	MACK CXN613		1M1AK07Y66N006195		831051/831051			
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED		PO NO.	RATE	PAYMENT	INV. DATE	
01JUN06 DD			17:00 23NOV16			0.00	CASH	18JAN17	
R.O. OPENED		READY		OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808					
13:59 23NOV16		16:02 18JAN17		1)*** 3,784 KMS *** 2)TRAN S/N #					
LINE OPCODE TECH TYPE HOURS				016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)					
A-RECEIVE UNIT CXN6135 37 031051				LIST		NET		TOTAL	

A RECEIVE UNIT 6N006195 AT 831051KM AND 14303HR
 99-000-0001 RECEIVE UNIT 6N006195 AT 831051KM AND
 14303HR

407 C
 PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00

B CHECK 22

99-000-0001 CHECK 22

31 C
 PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B: 0.00
 831051 CHECK 22 INSPECTION

 C TRIAGE UNIT FOR LOW/NO BOOST, NO POWER, AND KNOCKING
 CAUSE: #2 PISTON IS DAMAGED BADLY. PULLED THE HEAD AND FOUND ALL 6
 CYLINDERS ARE SCORED BADLY.

2102030203 THREE QUARTER BASIC ENGINE,
 REPLACEMENT

31 W
 32 W
 406 W
 1 21089679 LWR GASKET KIT (N/C)
 1 215SB337A KIT, UPPER GASKET (N/C)
 1 20706369 OIL COOLER (N/C)
 1 86SB3540 REMAN BASIC ASET (N/C)
 CORE CHARGE W (N/C)
 10 GRO836020 WH/TIES (N/C)
 12 25502624 BOLT (N/C)
 6 21088818 FUEL LINE (N/C)
 1 25107486 ORING (N/C)
 4 66AM53 SCREW (N/C)
 2 25098175 CLAMP (N/C)
 2 992089 HOSE CLAMP (N/C)
 1 994445 SCREW, PISTON COOL JET (N/C)
 8 20901575 STUD (N/C)

			DESCRIPTION	TOTALS
EDMONTON			LABOR AMOUNT	
			PARTS AMOUNT	
GRANDE PRAIRIE			GAS, OIL, LUBE	
			SUBLET AMOUNT	
RED DEER			MISC. CHARGES	
			TOTAL CHARGES	
			LESS INSURANCE	
			GST# 87144 8890 RT0001	
			PLEASE PAY THIS AMOUNT	

TERMS: Net 30 Days FROM DATE OF INVOICE.

SERVICE ADVISOR: 405 Andrew Prevost

SERVICE ADVISOR: 405 Andrew Prevost							
COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG	
WHITE	06	MACK CXN613	1M1AK07Y66N006195		831051/831051		
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
01JUN06 DD			17:00 23NOV16		0.00	CASH	18JAN17
B.O. OPENED		READY		OPTIONS			

R.O. OPENED

READY

OPTIONS:

STK:32848 DLR:N971 ENG:AC460P/5H2808

1) *** 3,784 KMS *** 2) TRAN S/N #

016Z12AA16/LB05017607 3) FRT CARR RD20145 (More...)

13:59 23NOV16

16:02 18JAN17

LINE OPCODE TECH TYPE HOURS

LIST

NET

TOTAL

16 142GC35M NUT

(N/C)

4 20901575 STUD

(N/C)

1 20706589 VIBRATION DAMPER

(N/C)

1 20706571 HUB,VIB DAMPNER

(N/C)

1 20706086 BOLT,VIB HUB

(N/C)

1 8607206 BLOCK HEATER

(N/C)

1 25100046 PILOT BRG

(N/C)

35 GRO836020 WH/TIES

(N/C)

15 GRO836028 TIE

(N/C)

4 5/8FW 5/8 FLATWASHER

(N/C)

1 FV-HHS1050 5/8ID HTR HOSE

(N/C)

2 20915849 27.0 CLAMP

(N/C)

2 21939298 OIL FILTER

(N/C)

2 EHC2 >8 INCH

(N/C)

1 21075041 ROTOR AND SEAL KI

(N/C)

1 EHC2 >8 INCH

(N/C)

1 85136715 FUEL FILTER

(N/C)

1 EHC1 <8 INCH

(N/C)

1 25502444 ELEMENT, SPI

(N/C)

1 21167013 CLAMP

(N/C)

1 FV-PC14624 1/4 P-UNION

(N/C)

1 992085 CLAMP

(N/C)

4 20915849 27.0 CLAMP

(N/C)

1 992086 52MM CLAMP

(N/C)

43 CHO222220B BULK15/40

(N/C)

43 EHC3 BULK OIL

(N/C)

9 9854-228411J MACK50/50

(N/C)

1 21078879 32.0 CLAMP

(N/C)

2 1/2X2C BOLT

(N/C)

4 1/2FW 1/2 FLAT WASHER

(N/C)

2 1/2STOVEC 1/2 STOVE COARSE

(N/C)

2 SP-657018X STRAP KIT

(N/C)

2 APPR134A-1 AC COOLANT

(N/C)

DESCRIPTION

TOTALS

LABOR AMOUNT

PARTS AMOUNT

GAS, OIL, LUBE

SUBLET AMOUNT

MISC. CHARGES

TOTAL CHARGES

LESS INSURANCE

GST# 87144 8890 RT0001

PLEASE PAY
THIS AMOUNT

EDMONTON

GRANDE PRAIRIE

RED DEER

18110-118 AVE
Edmonton, AB T5S 2G2
PHONE: 780-452-622511401-96 AVE
Grande Prairie, AB T8V 5M3
PHONE: 780-532-1290262 Burnt Park Drive
Red Deer County, AB T4S 2L4
PHONE: 403-342-4187

TERMS: Net 30 Days FROM DATE OF INVOICE.

SERVICE ADVISOR: 405 Andrew Prevost

COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
WHITE	06	MACK CXN613	1M1AK07Y66N006195		831051/831051	
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	INV. DATE
01JUN06 DD			17:00 23NOV16		0.00	18JAN17
R.O. OPENED	READY	OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808				
13:59 23NOV16	16:02 18JAN17	1)*** 3,784 KMS *** 2)TRAN S/N #				
LINE OPCODE TECH TYPE HOURS		016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)				
		LIST	NET	TOTAL		
2 FV-PC14624 1/4 P-UNION				(N/C)		
3 1/2FW 1/2 FLAT WASHER				(N/C)		
FC: PART#: 86SB3540 COUNT: 1						
CLAIM TYPE: 04						
AUTH CODE:						

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE C: 0.00

831051 #2 PISTON IS DAMAGED BADLY. PULLED THE HEAD AND FOUND ALL 6 CYLINDERS ARE SCORED BADLY. E-SERVICE# 1-6556263901 AND 1-6526644211 APPROVED BY STEVE KINLAW. UNIT CAME IN WITH LOW POWER AND A KNOCKING NOISE IN THE ENGINE. CHECKED TURBO AND WIRING. PULLED THE VALVE COVERS AND INSPECTED. COULD NOT SEE ANY ISSUE IN THE TOP END. DRAINED OIL AND PULLED THE PAN. FOUND THRUST WASHERS, SNAP RINGS AND METAL IN THE PAN. INSPECTED THE MAINS AND PISTONS AND FOUND PISTON #2 HAD A FAILURE. THERE WAS 100 THOU OF END PLAY. SENT OFF E-SERVICE AND SENT THEM PICS. THEY SAID TO ORDER A 3/4 REMAN ENGINE. PULLED THE SEAT AND FLOOR BOARDS. REMOVED THE TRANS, ENGINE HEADS AND DISCONNECTED ALL WIRING AND HOSES ATTACHED TO THE ENGINE. PULLED THE REMAINING BLOCK FOR THE UNIT. WENT NEW ENGINE ARRIVED, CHANGED OVER ALL REUSABLE PARTS TO THE NEW ENGINE WITH NEW GASKETS AND O-RINGS. REPLACED THE OIL COOLER AS IT MIGHT HAVE BEEN CONTAMINATED. TORQUED EVERYTHING TO SPEC. PULLED THE NEW PAN AND SET THE OIL PUMP FOR FRONT SUMP. COULD NOT REMOVE THE DAMPENER FROM THE OLD ENGINE AS IT WAS SEIZED. HAD TO REMOVE IT WITH THE TORCH TO GET AT THE FRONT MOUNT. REPLACED THE DAMPENER AND THE FRONT HUB. INSTALLED NEW ENGINE INTO UNIT. REINSTALLED ALL WIRING AND HOSES TO THE ENGINE. INSTALLED TRANS TO THE ENGINE WITH A BIT OF A FIGHT TO GET IT ALL LINED UP. CHECKED END PLAY AND THERE WAS APPROX 8 THOU. ADDED OIL TO ENGINE AND TRANS. FILLED WITH COOLANT, RAN ENGINE UP TO TEMP AND FOUND NO LEAKS. WENT FOR TEST DRIVE AND FOUND THE ALTERNATOR WAS NOT CHARGING. INSPECTED AND FOUND THE ALTERNATOR HAD FAILED. REINSTALLED ALL OTHER REMOVED PARTS AND TORQUED DOWN. REBUILD OLD ENGINE FOR CORE AND PLACE IN SUPPLIED CRADLE. STEAM CLEAN AFFECTED AREAS. TEST DRIVE A SECOND TIME AND RECHECK AGAIN TO BE SURE. RELEASE TRUCK.

			DESCRIPTION	TOTALS
			LABOR AMOUNT	
			PARTS AMOUNT	
			GAS, OIL, LUBE	
			SUBLET AMOUNT	
			MISC. CHARGES	
			TOTAL CHARGES	
			LESS INSURANCE	
			GST# 87144 8890 RT0001	
			PLEASE PAY THIS AMOUNT	
EDMONTON	GRANDE PRAIRIE	RED DEER		
18110-118 AVE Edmonton, AB T5S 2G2 PHONE: 780-452-6225	11401-96 AVE Grande Prairie, AB T8V 5M3 PHONE: 780-532-1290	262 Burnt Park Drive Red Deer County, AB T4S 2L4 PHONE: 403-342-4187		
TERMS: Net 30 Days FROM DATE OF INVOICE.				

SERVICE ADVISOR: 405 Andrew Prevost

COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/OUT	TAG
WHITE	06	MAK CYN613	1M1AK07Y66N006195		831051/831051	
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT
						INV. DATE
01JUN06 DI	R.O. OPENED	READY	OPTIONS:	STK:32848	DLR:N971	ENG:AC460P/5H2808
			17:00 23NOV16	0.00	CASH	18JAN17
13:59 23NOV16	16:02 18JAN17	016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)				
LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET
TOTAL						

0 REPLACE ALTERNATOR . 99-000-0001 REPLACE ALTERNATOR

DESCRIPTION	QTY	UNIT	PRICE	AMOUNT
1 DR-8700016 ALTER	1	DR	429.82	429.82
CORE CHARGE C				
2 GR0836028 TIE	2	GR	181.25	362.50
6 GR0836020 WH/TIES	6	GR	0.18	1.08
1 1/2FW 1/2 FLAT WASHER	1	FW	0.10	0.10
-1 DR-8700016 CORE RETURN	-1	DR	0.38	-0.38
LABOR	431.16			431.16
OTHER	300.30			300.30
TOTAL LINE D:				731.46

CONTINUED WITH MOLTIER THAT ALTERNATOR WAS NOT CHARGING. REMOVED AND
TIME TO REMOVE. CHECK CHARGING RATE, CHARGING AT 13.9 VOLTS, ALL OK

CUSTOMER PAY SHOP CHARGE FOR REPAIR ORDER
24.02

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 COMPLETE. IF YOU CAN NOT ANSWER "COMPLETELY
 SATISFIED" TO ALL QUESTIONS, PLEASE CONTACT
 OUR SERVICE MANAGER IN ORDER FOR US TO MAKE
 YOUR SERVICE EXPERIENCE A COMPLETELY
 SATISFIED ONE! THANK YOU FOR YOUR COOPERATION

OL LSG

(# : RT 893193672)

EDMONTON		1811-118 AVE Edmonton, AB T6S 2G2 PHONE: 780-452-6225		11401-96 AVE Grande Prairie, AB T8V 5M3 PHONE: 780-532-1290		262 Burnt Park Drive Red Deer County, AB T4S 2L4 PHONE: 403-342-4187		TERMS: Net 30 Days FROM DATE OF INVOICE.		PLEASE PAY THIS AMOUNT		793.26
PARTS AMOUNT		431.16		GAS, OIL, LUBE		0.00		SUBLET AMOUNT		0.00		0.00
LABOR AMOUNT		300.30		MISC. CHARGES		24.02		TOTAL CHARGES		755.48		37.78
TOTALS		793.26		GST# 87144 8890 RT0001		LESS INSURANCE		GST# 87144 8890 RT0001		37.78		793.26

COLOUR	YEAR	MAKE/MODEL	SERVICE ADVISOR: 201 BRENDA RODOCKER					
COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG		
WHITE	06	MACK CXN613	1M1AK07Y66N006195		825830/825830	T432		
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE	
01JUN06 DD			17:00 14APR16		0.00	CASH	25APR16	
R.O. OPENED	READY	OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808						
08:46 14APR16	16:12 25APR16	1)*** 3,784 KMS *** 2)TRAN S/N # 016Z12AA16/LB05017607 3)FRT CARR RD20145 (More...)						
LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL	

A RECEIVE TRUCK @ 825830 KMS 13980 HRS

99-000-0001 RECEIVE TRUCK @ 825830 KMS 13980 HRS

407 C 0.00 0.00

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00

B MACK CSA CHECK

99-000-0001 MACK CSA CHECK

407 C 0.00 0.00

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B: 0.00

825830 PERFORMED COMPLIMENTARY MACK CSA CHECK.

C TRIAGE TRANSMISSION CODES AND ERRATIC OPERATION

99-000-0001 TRIAGE TRANSMISSION CODES AND ERRATIC

OPERATION

406 C

407 C

408 C

		1201.20	1201.20
1 85126286 ZF TRANS HARNESS	1493.08	1336.66	1336.66
1 25173592 HARNESS	127.60	114.23	114.23
1 1328298005 CLUTCH ACTUATOR	2040.68	2040.68	2040.68
1 TRKFREIGHT TRKFREIGHT	55.00	55.00	55.00
2 GRO832150 CONNECTORS	0.67	0.52	1.04
36 GRO836020 WH/TIES	0.13	0.10	3.60

PARTS: 3551.21 LABOR: 1201.20 OTHER: 0.00 TOTAL LINE C: 4752.41

825830 TEST DRIVE TRUCK ONCE WARMED UP. FOUND IMMEDIATELY THAT

TRUCK REGISTERED SYSTEM MALFUNCTION ON GEAR DISPLAY AND TRUCK WOULD

REVERT TO MANUAL MODE. CLUTCH ENGAGEMENTS AND DISENGAGEMENTS ARE SLOW

AND CLUNKY. NOISES APPARENT FROM CLUTCH ACTUATOR UNIT. RETURN TO SHOP,

CONNECT TECH TOOL AND READ CODES. TRUCK HAD FOLLOWING CODES LOGGED: MID

130 SID 48 FMI 13, PID 43 FMI 2, SID 231 FMI 14, SID 55 FMI 7, PID 34

FMI 7, SID 58 FMI 7, SID 61 FMI 7, SID 56 FMI 7. TRUCK NEEDS WIRING

HARNESS FRO TRANSMISSION AS IT CONTAINS J1939 ERRORS AND WAKE UP ERRORS

TO ZMTEC AND VOLTAGE DOUBLER MODULES. CLUTCH ACTUATOR HAS INTERNAL

			DESCRIPTION	TOTALS
EDMONTON			LABOR AMOUNT	
GRANDE PRAIRIE			PARTS AMOUNT	
RED DEER			GAS, OIL, LUBE	
18110-118 AVE			SUBLET AMOUNT	
Edmonton, AB T5S 2G2			MISC. CHARGES	
PHONE: 780-452-6225			TOTAL CHARGES	
11401-96 AVE			LESS INSURANCE	
Grande Prairie, AB T8V 5M3			GST# 87144 8890 RT0001	
PHONE: 780-532-1290			PLEASE PAY THIS AMOUNT	
262 Burnt Park Drive				
Red Deer County, AB T4S 2L4				
PHONE: 403-342-4187				

TERMS: Net 30 Days FROM DATE OF INVOICE.

COLOUR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG	
WHITE	06	MACK CXN613	1M1AK07Y66N006195		825830/825830	T432	
IN SVC. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
01JUN06 DD			17:00 14APR16		0.00	CASH	25APR16

R.O. OPENED	READY	OPTIONS: STK:32848 DLR:N971 ENG:AC460P/5H2808
08:46 14APR16	16:12 25APR16	1)*** 3,784 KMS *** 2)TRAN S/N #
LINE OPCODE	TECH TYPE	HOURS
		LIST NET TOTAL

VOLTAGE SHORTS TO SOLENOID ACTUATORS. ALSO NOTED THAT NO. 1 UNIT PUMP ON ENGINE HAD CODED 18 TIMES. ESTIMATE FOR PARTS AND LABOR PUT TOGETHER FOR CUSTOMER. #408--REPLACED TRANS HARNESSSES AND CLUTCH ACTUATOR..

D REPLACE NO. 1 UNIT PUMP AND FUEL LINE

99-000-0001 REPLACE NO. 1 UNIT PUMP AND FUEL LINE

406 C
32 C

		675.68	675.68
1 313GC5233MX PUMP, ELEC	991.22	712.74	712.74
CORE CHARGE C		207.50	207.50
1 25502624 BOLT	6.30	5.08	5.08
1 203GC4383M TUBE	193.20	172.96	172.96
-1 313GC5233MX CORE RETURN	207.50	207.50	-207.50

PARTS: 890.78 LABOR: 675.68 OTHER: 0.00 TOTAL LINE D: 1566.46

825830 REMOVED AIR CLEANER PIPING TO GAIN ACCESS TO UNIT PUMP
REPLACED NUMBER ONE UNIT PUMP AND PROGRAMMED TRIM CODES TESTED UNIT.
TEST DRIVEN AND OK.

CUSTOMER PAY SHOP CHARGE FOR REPAIR ORDER

150.15

YOU MAY RECEIVE A CUSTOMER SERVICE SURVEY TO COMPLETE. IF YOU CAN NOT ANSWER "COMPLETELY SATISFIED" TO ALL QUESTIONS, PLEASE CONTACT OUR SERVICE MANAGER IN ORDER FOR US TO MAKE YOUR SERVICE EXPERIENCE A COMPLETELY SATISFIED ONE! THANK YOU FOR YOUR COOPERATION

GST TO (#: RT 893193672)

323.45

EDMONTON	GRANDE PRAIRIE	RED DEER	DESCRIPTION	TOTALS
18110-118 AVE Edmonton, AB T5S 2G2 PHONE: 780-452-6225	11401-96 AVE Grande Prairie, AB T8V 5M3 PHONE: 780-532-1290	262 Burnt Park Drive Red Deer County, AB T4S 2L4 PHONE: 403-342-4187	LABOR AMOUNT	1876.88
			PARTS AMOUNT	4441.99
			GAS, OIL, LUBE	0.00
			SUBLET AMOUNT	0.00
			MISC. CHARGES	150.15
			TOTAL CHARGES	6469.02
			LESS INSURANCE	0.00
			GST# 87144 8890 RT0001	323.45
			PLEASE PAY THIS AMOUNT	6792.47

TERMS: Net 30 Days FROM DATE OF INVOICE.