



Calgary Head Office
5925 79 AVE. SE
CALGARY, AB T2C 5K3
P: (403) 569-4800

BODYSHOP
6533 79th AVE SE
CALGARY, AB T2C 4S6
P: (825) 257-5782

SERVICE ORDER: R101024684

FK30-1

Tag Number:

License Plate Number:

BILL TO
FDB Construction Ltd - 19020

DELIVER TO
FDB Construction Ltd - 19020

DATE INVOICE		SALES TYPE		ADVISOR	TERMS		PO #	
		SRET		1354	CASH			
YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	ENGINE HOURS	IN SERVICE	Component Serial #	ODOMETER
2011	FREIGHTLINER	M2	1FVDC3BS0BDAX8435	114	3,562	12/29/2010		58058

Sold Operations

JOB #1 WALKIN INFO - NO APPOINTMENT WALKIN

COMPLAINT INFO - NO APPOINTMENT WALKIN

AUTH - JASON \ 403-852-2569 \ jasonb@fdbconstruction.ca

ONE OPEN RECALL \ WTY EXPIRED.

CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
0.00	LABOR WALKIN	INFO - No appointment walkin		0.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$0.00

JOB #2 EA EXPRESS ASSESSMENT (COMPLIMENTARY EA TRUCK INSPECTION)

COMPLAINT EXPRESS ASSESSMENT (COMPLIMENTARY EA TRUCK INSPECTION)

CAUSE Vehicle required EA inspection.

CORRECTION 58,058km 3,562hrs Friday 04/12 9:51:32AM 1389SS - Completed EA inspection.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
0.30	LABOR EA	Complimentary EA Truck Inspection		0.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$0.00



Sold Operations (Cont.)

JOB #3 CMR (TROUBLESHOOT AND ADVISE) **UP TO 2 HRS OF DIAGNOSIS + TAXES AND SHOP SUPPLIES

COMPLAINT T/S AND ADVISE CEL IN UNIT. UNTI HAS STOP ENGINE LIGHT AND WENT INTO LIMP MODE.
(TROUBLESHOOT AND ADVISE) **UP TO 2 HRS OF DIAGNOSIS + TAXES AND SHOP SUPPLIES**

CAUSE DEF dosing unit leaking DEF through electrical connector.
DEF suction/backflow/supply lines are cracked, melted, leaking and pinched.
Decomposition reactor DEF dosing valve mounting threads damaged, severely rusted, broken bolt.
DEF tank gouged

CORRECTION 58,058km 3,562hrs Friday 04/12 11:31:27AM 1389SS - Verified complaint, CEL and SEL are illuminated on dash. Checked for fault codes, multiple active ATS fault codes present, resembling a failed DEF dosing unit. Removed DEF dosing unit protective cover and inspected electrical connector, there is a large deposit of crystallized DEF on the exterior of the connector. Disconnected and removed OEM ATS DEF tank/dosing unit harness from DEF dosing unit, DEF is flowing from the dosing unit. The dosing unit has failed and has caused contamination of the OEM ATS DEF tank/dosing unit harness in the process, both must be replaced. Performed inspection to determine extent of damage to aftertreatment system. DEF test strip shows no contamination and urea mixture at 32.5%, within specification. Found the DEF tank suction and backflow lines were severely heat stressed and cracked, they must be replaced. The DEF dosing valve pressure line is pinched and must be replaced. The DEF tank vent fitting is broken, and there are deep gouges in the bottom of the DEF tank, it must be replaced. During attempt to remove and inspect the DEF dosing valve, the bolts broke off in the decomposition reactor which is severely rusted, recommend replacement of the decomposition reactor. Used inspection camera to check for crystallized DEF deposits in the decomposition reactor, none present. Noted the engine ECM calibration revision is CA90008.23 and the most recent revision available is CA90008.42, and includes numerous updates and improvements, recommend it is installed. Due to the number of initial failures found, additional diagnostics may be required after the repairs and verification steps are performed.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
2.00	LABOR CMR	(Troubleshoot and advise)		348.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$348.00 Misc: \$0.00 Sublet: \$0.00				\$348.00

JOB #4 YMOVE PERFORM YARD MOVE / TOW

COMPLAINT PERFORM YARD MOVE / TOW

CAUSE

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
0.00	LABOR YMOVE	PERFORM YARD MOVE TO TOW IN DISABLED UNIT OR		0.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$0.00

JOB #5 DRIVESH INSTALL DRIVESHAFT AFTER UNIT WAS TOWED IN. MAY INCLUDE U-JOINTS AS REQUIRED

COMPLAINT INSTALL DRIVESHAFT AFTER UNIT WAS TOWED IN. MAY INCLUDE U-JOINTS AS REQUIRED

CAUSE Driveshaft disconnected during towing.
Air tank plug removed for towing.

CORRECTION 58,058km 3,562hrs Friday 04/12 9:57:35AM 1389SS - Cleaned u-joint and yoke, installed driveshaft with new strap kit and torqued to 125lbf-ft. Unit would not air up. Found one of the wet tank plugs had been removed. Found and installed new wet tank plug in order to move vehicle.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
0.70	LABOR DRIVESHAFT	INSTALL DRIVESHAFT AFTER UNIT WAS TOWED IN. M.		121.80
1.00	101D/SP 6.5 70 18X	STRAP BOLT KIT *D	20.47	20.47
1.00	101X/884-118-C	3/8 PIPE PLUG SUNK	2.48	2.48
1.00	101X/884-121-C	3/8 PIPE PLUG	2.04	2.04
Prepay: \$0.00 Parts: \$24.99 Labor: \$121.80 Misc: \$0.00 Sublet: \$0.00				\$146.79

Sold Operations Totals

Prepay: \$0.00 Parts: \$24.99 Labor: \$469.80 Misc: \$0.00 Sublet: \$0.00 \$494.79



Estimate Operations

JOB #6 EA-R (EXPRESS ASSESSMENT REPAIR)

COMPLAINT

DIAGNOSED ON LINE #3:

REPLACE DEF DOSING UNIT, DEF TANK SUCTION, SUPPLY LINES, DEF DOSING UNIT HARNESS. EXTRACT BROKEN BOLTS FROM DECOMP REACTOR TUBE, UPDATE ECM CALIBRATION SOFTWARE. PERFORM DEF SYSTEM LEAK TEST. DEF PUMP OVERRIDE TEST, ROAD TEST, REGEN AND SCR SYSTEM TEST TO VERIFY NO CODES.

****ADDITIONAL DIAGNOSTICS MAYBE REQUIRED****

CAUSE

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
14.00	LABOR EA-R	(Express Assessment Repair)		2,436.00
2.00	101D/FG CC36077X	COOLANT-ES COMPLEAT EG OAT PRE	21.11	42.22
1.00	101C/4387304RX	PUMP,DOSER	1,822.68	1,822.68
1.00	101C/4387304RX-CORE	PUMP,DOSER	431.25	431.25
	C	EDM CUMMINS		
1.00	FRT	FREIGHT FOR 4387304RX	75.00	75.00
1.00	101D/04-28841-140	UREA LINE - DOSER, 1400MM	248.58	248.58
	C	CAL PDC		
1.00	101D/04-29001-000	DIESEL EMISSIONS FILTER LINE-T	222.81	222.81
1.00	101D/04-29002-000	DIESEL EMISSIONS FILTER LINE-T	224.32	224.32
	C	STOCK		
1.00	101D/A04-28731-000	ASY-DEF TANK,6GAL,CUMMNS	2,561.69	2,561.69
	C	NO STK AT PDCS, NO ESD		
1.00	FRT	FREIGHT FOR 28731-000	75.00	75.00
3.00	101X/DEFJUG	DEF JUG (DC650-09)	17.08	51.24
3.00	DEF	GOVERNMENT EHC CONTAINER FEE DEF	0.10	0.30
1.00	101C/2880212	CLAMP,V BAND	104.09	104.09
1.00	101C/2880212	CLAMP,V BAND	104.09	104.09
1.00	101C/2880215	GASKET, AFM DEVICE	30.07	30.07
1.00	101C/2880213	CLAMP,V BAND	97.00	97.00
1.00	101C/4329681	GASKET,AFM DEVICE	78.58	78.58
	C	STOCK		
1.00	101D/A06-72381-000	HARNESS-MID CHASSIS,DCU ATS,CU	341.04	341.04
	C	CAL PDC		
1.00	SHOP	SHOP SUPPLIES	231.42	231.42

Prepay: \$0.00 Parts: \$6,359.66 Labor: \$2,436.00 Misc: \$381.72 Sublet: \$0.00 **\$9,177.38**



Estimate Operations (Cont.)

JOB #7 EA-R (EXPRESS ASSESSMENT REPAIR)

COMPLAINT CUMMINS CAMPAIGN C2116-ISC AND ISL CM2250 EMISSIONS RECALL CAMPAIGN. REMOVED AND REPLACE SCR CATALYST.
 CAUSE Control Number 16497822
 CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1.50	LABOR EA-R	(Express Assessment Repair)		
1.00	101C/5505937	DEVICE,AFTERTREATME		
1.00	101C/5297400	LABEL,AUTHORIZED CHANGE		
1.00	101C/4310621	PROOF OF CORRECTION CERT.		
1.00	101C/2866636	GASKET, AFM DEVICE		
1.00	101C/2880482	CLAMP,V BAND		
	C	STOCK		
1.00	101C/5505937	DEVICE,AFTERTREATME		
	C	NO STK AT CUMMINS, NO ESD		
1.00	FRT	FREIGHT FOR 5505937		
	C	SCR PN SUPPLIED BY TECH		

Estimate Operations Totals Prepay: \$0.00 Parts: \$6,359.66 Labor: \$2,436.00 Misc: \$381.72 Sublet: \$0.00 \$9,177.38

Authorization of Repairs & Warranty

I hereby authorize the repair work herein set forth to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in vehicle in case of fire, theft or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or transporter. I hereby grant you and/or your employees' permission to operate the vehicle herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto. The dealership is not responsible for damages from freezing due to lack of antifreeze.

I agree that any warranty coverage noted on this statement of account is based solely on New West Truck Centres estimate of warranty coverage and that I remain responsible for any portion of the charges incurred which is shown as being covered by warranty if the warranty coverage is not accepted by the manufacturer and I agree that such rejected amount should be charged to my account and that I will promptly pay such amount.

PRINTED NAME

SIGNATURE

Pre-Work Disclaimer

I agree to receive New West Truck Centres newsletter containing news, updates and promotions regarding New West Truck Centres products. You can withdraw your consent at any time. Please refer to our Privacy Policy or contact us for more details.

X

Emissions Disclaimer

I agree this vehicle emissions system has not been defeated, modified or deleted. New West Truck Centres assumes no responsibility for damage to any aftermarket or modified component as a result of our diagnostics or repairs. Do you authorize New West Truck Centres to undertake any no charge outstanding recalls, field service modifications or campaigns recommended by the manufacturer to the chassis or engine.

X

	ESTIMATED	BILLED
LABOR	\$2,436.00	\$469.80
PARTS	\$6,359.66	\$24.99
MISC	\$381.72	\$0.00
SUBLET	\$0.00	\$0.00
SUBTOTAL	\$9,177.38	\$494.79
SHOP SUPPLIES	\$0.00	\$44.63
MISC SUPPLIES		\$0.00
TAX	\$666.91	\$26.97
TOTAL	\$9,844.29	\$566.39
TOTAL w/ EST.		\$10,410.68

Please Remit Payment To:

NEW WEST FREIGHTLINER INC.
 5925 79 AVENUE SE
 CALGARY, AB T2C 5K3
 GST#: 100731173