

FARGO FREIGHTLINER



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 FARGO, ND 58104
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 www.fargofreightliner.com



SERVICE INVOICE: R101017951:01

Tag Number: 82Y

BILL TO
 ROSLYN ELEVATOR - 12033
 PO BOX 166
 611 1ST ST
 ROSLYN SD 57261
 P: (605) 486-4551
 F: (605) 486-4625

DELIVER TO
 ROSLYN ELEVATOR - 12033
 611 1ST ST
 PO BOX 166
 ROSLYN SD 57261
 P: (605) 486-4551
 F: (605) 486-4625

DATE ARRIVED	DATE INVOICE	SALES TYPE	ADVISOR	TERMS	PURCHASE ORDER			
2/25/2022 8:46:49PM	6/17/2022	SRET	17	AR				
YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	ENGINE HOURS	IN SERVICE	Component Serial #	ODOMETER
11	FTL	CASCADIA	1FUJGLDRXBSB9232	82	0	1/13/2011	472903S0058688	986711

This Truck has a pusher
JOB #1 02-00

Sold Operations

new engine. 986711

COMPLAINT EXPRESS ASSESSMENT - ENGINE CRANKCASE FULL OF COOLANT, STEAM OFF ENGINE AND PULL PAN, DETERMINE SOURCE OF COOLANT AND ANY DAMAGE TO ENGINE

CAUSE

CORRECTION

46 STARTED DRAINING THE OIL PAN. GOT TRUCK ON BLOCKS. TRIED DRAINING IT, WAS TOLD IT WAS ALREADY DRAINED. WHEN I PULLED OUT ALL THE BOLTS PAN FELL BECAUSE IT WAS FULL OF OIL/COOLANT. I REMOVED THE EASY DRAIN PLUG AND THEN LET IT DRAIN. I THEN RAISED THE TRUCK AND WORKED THE PAN OFF. LOOKS TO BE LEAKING FROM NUMBER 5. NEED FURTHER DIAGNOSING. FURTHER INSPECTED NUMBER 5 HOLE. FOUND COOLANT LEAKING ON THE OUTSIDE OF THE SLEEVE. I WAS ABLE TO TURN THE ENGINE OVER. AND IT DOES HAVE MOVEMENT. ALSO CHECKED THE BEARINGS. DONT SEE ANY BEARINGS MUSHROOMED OR ANY BEARING MATERIAL. REMOVED C-PIPE OFF EGR COOLER AND HAD COOLANT IN IT, I THEN REMOVED THE TOP PIPE TO THE ONE BOX AND CHECKED TO SEE IF IT WAS WET, PIPE WAS DRY. I PRINTED THE CODES IT HAD.

HAD CODES FOR:

- OIL PRESSURE SENSOR STUCK HIGH (100/5)
- DOC TEMP. INLET LOW OR OUTLET HIGH (3250/20)
- SCR ABNORMAL TEMPERATURE RISE (5298/14)
- ABNORMAL DOC TEMP RISE (3250/51)
- DEF AIR PRESSURE NOT DETECTED (4335/1)
- LEFT PASSENGER SIDE SKIRT OFF AND LEFT THE C-PIPE OFF.

miles now 1010618

986711

239070

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 02-00-00	EXPRESS ASSESSMENT		1,169.20
4	101D/AQ 210292 8S	PLUG	1.84	7.36
2	101D/PH 42F 8	UNION	1.62	3.24

Parts: \$10.60 Labor: \$1,169.20 Misc: \$0.00 Sublet: \$0.00 \$1,179.80

JOB #2 103-00

COMPLAINT TOWING - BRING TRUCK INTO SHOP WITH PAYLOADER

CAUSE

CORRECTION PUSH UNIT INTO SHP

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 103-00-00	TOWING		0.00

Parts: \$0.00 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00 \$0.00

Total Amount Due: \$46,958.57



Sold Operations (Cont.)

JOB #6 01-01

COMPLAINT 3/4 ENGINE BID WITH FUEL PUMP, ENGINE HARNESS, INJECTOR HARNESS,EGR COOLER, TURBO

3-4 WEEK LEAD TIME

CAUSE

CORRECTION

46. STARTED DRAINING COOLANT. REMOVED CAC HOSES AND STARTED REMOVING HOSES FROM SURGE TANK. PUT CONDENSER UP. REMOVED RADIATOR, FAN BLADE, CONDENSER AND LINES, AND DRIVE SHAFT. JACKED UP TRUCK WITH LIFTS. DISCONNECTED TRANNY COOLER LINES. REMOVED SHIFT TOWER. REMOVED MUFFLER. DISCONNECTED ALL AIR LINES. TOOK OUT MOST OF BELL HOUSING BOLTS. GOT WITH DEVIN A FEW TIMES TO CHECK MY PROGRESS. GOT TRANS JACK INTO PLACE AND SECURED WITH A STRAP. REMOVED THE REST OF BELL HOUSING BOLTS THEN USED PRY BAR TO GET TRANSMISSION OUT. RAISED TRUCK AND REMOVED FROM UNDER TRUCK AND SET ASIDE. PUT ALL BOLTS AND NUTS ON TABLE NEXT TO TRUCK.

99. REMOVED CHASSIS HARNESS, P/S PUMP, COWL, AIR FILTER HOUSING, EXHAUST, DEF COOLANT LINES, REMOVED OIL PAN, AIR COMPRESSOR OUTLET. REMOVED ENGINE FROM TRUCK. SET ENGINE ON JACK STANDS. GOT ALL PARTS FOR ENGINE SWAP. STRIPPED OLD ENGINE. SWAPPED OVER ROCKER SHAFTS. SET OVERHEAD. WROTE DOWN NEW INJECTOR TRIM CODES. INSTALLED NEW UVC HARNESS. INSTALLED VALVE COVER. BEGAN INSTALLING PARTS ON NEW ENGINE. SWAPPED OVER FLYWHEEL HOUSING AND FLYWHEEL. INSPECTED NEW BLOCK AND FOUND THERE IS NO PORT FOR THE FUEL COOLER. FOUND LETTER TS15-7 THAT GAVE INFORMATION DETAILING SWAPPING FROM A 3 FILTER SYSTEM TO A 2 FILTER SYSTEM. GOT KIT ORDERED. CONTINUED ASSEMBLY OF ENGINE. INSTALLED REMAINING PARTS ON RIGHT SIDE OF ENGINE. INSTALLED 2 FILTER UPDATE KIT. INSTALLED FRONT PARTS OF ENGINE. INSTALLED ENGINE INTO TRUCK. INSTALLED CHASSIS HARNESS, AIR COMPRESSOR INLET, EXHAUST OUTLET, DEF COOLANT LINES. CONTINUED WITH ASSEMBLY.

FINISHED INSTALLATION OF ENGINE AND COOLING PACKAGE. NEED TO FINISH UP TRANSMISSION INSTALLATION, PROGRAM IQA CODES, PRIME FUEL SYSTEM, AND RUN. INSTALLED EXHAUST, REAR DRIVELINE, DAVCO FILTER. PRIMED FUEL SYSTEM. ENTERED IN NEW INJECTOR TRIM CODES. STARTED TRUCK AND CHECKED FOR LEAKS, FOUND NO FLUID LEAKS, THERE ARE MULTIPLE AIR LEAKS. FOUND OIL PUDDLE UNDERNEATH RIGHT SIDE OF ENGINE IN THE AM. FOUND TURBO SUPPLY LINE IS SEEPING OUT AT THE FITTING. CHECKED LINE AND IT WAS TIGHT, IT IS SEEPING OUT THE LINE ITSELF. GOT A NEW LINE ORDERED FOR TOMORROW. ALSO WAS TOLD AC DID NOT BLOW ALOT OF AIR, IT WAS COLD THOUGH. FOUND CAB AIR FILTER WAS PLUGGED. REPLACED FILTER. CHECKED MAINFRAME OF MCM PROGRAMING AND IT IS NOW CORRECTLY DISPLAYING THE NEW ENGINE SERIAL NUMBER. BACKED TRUCK OUTSIDE, WAITING FOR NEW TURBO OIL SUPPLY LINE.

R&R TURBO OIL SUPPLY LINE. CLEANED OFF TRUCK AND STARTED. CHECKED FOR LEAKING, DIDNT SEE ANY LEAKS. BACKED TRUCK OUT FOR A TEST DRIVE.

CHECKED FAULTS AND FOUND ACTIVE FAULT 4335/1 DEF AIR PRESSURE NOT DETECTED. THIS IS UNRELATED TO THE ENGINE SWING AND WILL REQUIRE ANOTHER LINE TO BE ADDED FOR DIAGNOSTICS.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 01-01-00	DD ENGINE REPAIR		6,636.00
1	101D/01-32731-635	BELT-10 RIB,1635MM	27.23	27.23
1	101D/01-33963-000	ISOLATOR-ASY,ENG,FRONT UPPER	37.66	37.66
1	101D/01-33964-000	ISOLATOR-ASY,ENG,FRONT LOWER	30.10	30.10
3	101D/22-68425-000	O-RING,SEAL-SLIMLINE,AC,1/2 IN	8.29	24.87
1	101D/23-12668-012	FLANGED NUT-HEX M12 M12X1.50	1.23	1.23
2	101D/23-13202-000	SEAL-MINI STAT-O-SEAL PLUS 8	2.80	5.60
1	101D/23-13204-000	SEAL-MINI STAT-O-SEAL PLUS 12	3.10	3.10
3	101D/23-13205-000	SEAL-MINI STAT-O-SEAL PLUS 12	2.99	8.97
3	101D/48-25581-501	TUBE-NYLON REINF,5/8 B	6.86	20.58
1	101D/A06-69056-047	CABLE-ALTERNATOR,POS,2AWG,5/16	65.75	65.75

Total Amount Due: \$46,958.57



Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	101D/A06-78036-100	CABLE-BATTERY,POS,4/0,LONG 90,	195.16	195.16
1	101D/A22-77123-003	RECEIVER DRIER-AC,INBOARD	97.62	97.62
1	101D/ABP N10G 91559	FILTER-AIR	9.64	9.64
1	101D/BRZ B9224 0411FRU	CLAMP-98IN LB-CT,4IN. CONVO *D	6.20	6.20
1	101D/DDE 23539639	DP SNSOR KIT	132.51	132.51
1	101D/DDE A0000905151	KIT - FILTER INSERT	70.87	70.87
1	101D/DDE A0009909616	STUD BOLT	9.22	9.22
1	101D/DDE A0019954102	PIPE CLAMP	22.38	22.38
1	101D/DDE A0029981350	PLUG	7.83	7.83
1	101D/DDE A0049971371	SCREW IN FITTING, CRANKCASE BR	12.15	12.15
1	101D/DDE A0061535528	POS SENSOR	31.45	31.45
1	101D/DDE A0129974245	O-RING, HDEP	3.16	3.16
1	101D/DDE A0159974946	OIL SEAL, CRANKSHAFT, REAR	44.14	44.14
1	101D/DDE A0189973145	O-RING	5.48	5.48
1	101D/DDE A0209976545	O-RING KIT	15.92	15.92
4	101D/DDE A0219901101	MOUNTING BOLT, TURBOCHARGER	9.42	37.68
1	101D/DDE A0239977145	MOUNTING SEAL, AIR COMPRESSOR	9.13	9.13
1	101D/DDE A0309976645	OIL SUPPLY O-RING, AIR COMPRES	2.87	2.87
1	101D/DDE A4710780280	GASKET	55.47	55.47
1	101D/DDE A4710901455	3-2 CONV KIT	1,581.25	1,581.25
1	101D/DDE A4720100772	DIPSTICK	17.32	17.32
1	101D/DDE A4720107662	OIL SEPARATOR	391.59	391.59
1	101D/DDE A4720150480	MOUNTING GASKET, FLYWHEEL HOUS	48.01	48.01
1	101D/DDE A4720180516	TUBE	23.61	23.61
1	101D/DDE A4720180780	GASKET, CRANKCASE BREATHER	8.41	8.41
1	101D/DDE A4720700935	FUEL LINE	31.91	31.91
1	101D/DDE A4720960180	METAL GSKT	3.89	3.89
12	101D/DDE A4720980080	MOUNTING SEAL, INTAKE MANIFOLD	7.79	93.48
1	101D/DDE A4720980180	SEAL	4.31	4.31
1	101D/DDE A4720980307	AIR PIPE	96.20	96.20
1	101D/DDE A4721400408	EXH GAS LINE	311.92	311.92
1	101D/DDE A4721400475	EXH GAS CLR	1,851.36	1,851.36
1	101D/DDE A4721400648	CONN PIPE	76.89	76.89
1	101D/DDE A4721401460	EXHAUST GAS RECIRCULATION VALV	687.12	687.12
1	101D/DDE A4721420880	SEAL	3.82	3.82
1	101D/DDE A4721421380	METAL GSKT	8.50	8.50
1	101D/DDE A4721421880	SEAL	100.02	100.02
1	101D/DDE A4721421980	SEAL	100.14	100.14
1	101D/DDE A4721505333	HARNES	473.00	473.00
1	101D/DDE A4721506233	WIRING HARNESS, FUEL INJECTOR,	84.24	84.24
1	101D/DDE A4721506333	WIRING HARNESS, FUEL INJECTOR,	93.02	93.02
1	101D/DDE A4721801720	O/SPPLY LINE	98.37	98.37
3	101D/DDE A4722000154	CONN PIPE	13.42	40.26
1	101D/DDE A4722001670	KIT - BELT TENSIONER	226.44	226.44
1	101D/DDE A4722004251	A/C COOLANT RETURN LINE	74.82	74.82
1	101D/DDE A4722030880	SEAL	27.80	27.80
1	101D/DDE A4722030980	SEAL	21.29	21.29
1	101D/DDE A4729933396	POLY V BELT, ACCESSORY, FIXED	35.57	35.57
1	101D/DDE A4729970245	O-RING	7.65	7.65
1	101D/DDE A4730960280	METAL SEAL	43.09	43.09
1	101D/DDE A4731800909	TS OIL FILTER	28.28	28.28

Total Amount Due: \$46,958.57



Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	101D/DDE A5411870080	O-RING, TURBOCHARGER OIL RETUR	8.53	8.53
2	101D/DDE N000000001066	SEAL RING	2.51	5.02
4	101D/DDE N000000001068	SEAL RING	0.86	3.44
5	101D/DDE N000000001069	SEALING RING, M14	0.59	2.95
4	101D/DDE N000000001070	SEALING RING, M16	0.72	2.88
2	101D/DDE N000000001071	SEAL RING	2.24	4.48
1	101D/DDE R23539306	ENG 3Q DD15 D472903 FSUMP EPA1	24,341.17	24,341.17
-1	101D/DDE R23539306-CORE	ENG 3Q DD15 D472903 FSUMP EPA1	9,350.00	-9,350.00
1	101D/DDE R23539306-CORE	ENG 3Q DD15 D472903 FSUMP EPA1	9,350.00	9,350.00
1	101D/DDE RA4700902150	HIGH PRESSURE FUEL PUMP DD13	1,273.38	1,273.38
-1	101D/DDE RA4700902150-CORE	HIGH PRESSURE FUEL PUMP DD13	385.00	-385.00
1	101D/DDE RA4700902150-CORE	HIGH PRESSURE FUEL PUMP DD13	385.00	385.00
1	101D/DDE RA4720962499	TURBO DD15/16 EPA10/GHG14 FG H	1,976.03	1,976.03
-1	101D/DDE RA4720962499-CORE	TURBO DD15/16 EPA10/GHG14 FG H	550.00	-550.00
1	101D/DDE RA4720962499-CORE	TURBO DD15/16 EPA10/GHG14 FG H	550.00	550.00
2	101D/DN P206603	BAND FLAT ZINC *D	10.28	20.56
1	101D/DN P551011	FUEL/WATER SEPARATOR CARTRI *D	80.49	80.49
1	101D/DN P618478	AIR FILTER *D	149.54	149.54
2	101D/F4HZ 3K506 C	MOUNTING GASKET-POWER STEERING	3.07	6.14
1	101D/FUL 4305294	GASKET *D	10.03	10.03
11	101D/MBL 105420	DELVAC 1300 10W30	16.30	179.30
2	101D/MBL 123130	ATF MOBIL D/M	5.70	11.40
14	101D/MOBIL-EL-50/50	PREMIX ANTIFREEZE	12.25	171.50
2	101D/PH 60NTA 10	FITTING	0.62	1.24
1	101D/PH 60NTA6	SLEEVE, COMPRESSION	0.12	0.12
4	101D/PH 62PLP5/32	PRESTOLOK PLUS UNION	6.44	25.76
3	101D/PH 63NTA 8	FITTING	0.28	0.84
4	101D/PHM 1 1962	CONNECTOR-BUTT,16-14GA,HEAT *D	0.53	2.12
100	101D/PHM 8 43147	TIE STRAP-14.5IN,BLACK,NYLO *D	0.16	16.00
1	101D/PHM 8 662	NUT-BATTERY,3/8IN, GROUP 31 *D	2.71	2.71
4	101D/PIC 4520	BRAKE CLEAN	4.29	17.16
5	101D/SP 6.5 70 18X	STRAP BOLT KIT *D	11.72	58.60
2	101D/TCX AMS013	GASKET-5 INCH SPHERICAL W/TABS	10.60	21.20
2	101D/TCX T130158342AB2	CLAMP-EXHAUST 5 INCH SPHERICAL	15.39	30.78
20	101D/TYC DCT110HIR	TIE STRAP	0.80	16.00
9	101K/SP7970	NUT	0.23	2.07
8	101K/9M1974	WASHER	0.36	2.88
1	101X/1-4F	FLAT	0.22	0.22
2	101X/1-4NU	NUT	0.16	0.32
1	101X/3-8NU	NUT	0.18	0.18
1	101X/7-16F	FLAT	0.34	0.34
1	101X/7-16X1-3-4	BOLT	0.50	0.50
2	FRT	FREIGHT	30.00	52.50
1	FRT	NDA	32.99	32.99
	c	SER#472903R1113853		

Parts: \$36,133.43 Labor: \$6,636.00 Misc: \$85.49 Sublet: \$0.00 \$42,854.92

Total Amount Due: \$46,958.57



Sold Operations (Cont.)

JOB #7 42-00

COMPLAINT BRAKES-GENERAL
AIR SYSTEM BUILDS AIR VERY SLOWLY AND HAS AUDIBLE AIR LEAKS.

CAUSE
CORRECTION (99) COULD HEAR LARGE AIR LEAK FROM BACK OF CAB. FOUND LEFT SIDE CAB AIR BAG HAD MULTIPLE HOLES IN IT. R&R CAB AIR BAG. AIRED UP TRUCK AND THERE IS NO MORE MASSIVE AIR LEAK BACK BEHIND THE CAB. STEAMED OFF TRUCK AND PARKED OUTSIDE FOR TEST DRIVE. CLEANED BAY.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	101D/18-73178-000	AIR SPRING-CAB SUSP,165MM,85A	74.00	74.00
	LABOR 42-00-00	BRAKES-GENERAL		158.00

Parts: \$74.00 Labor: \$158.00 Misc: \$0.00 Sublet: \$0.00 \$232.00

JOB #8 01-01

COMPLAINT CHECK ENGIN AND MIL LIGHT CAME ON DURING TEST RUN

CAUSE
CORRECTION 99. BEGAN TROUBLESHOOTING FOR LOW DEF AIR SYSTEM PRESSURE. REMOVED LINE FROM METERING UNIT AND PERFORMED DEF AIR SYSTEM TEST. NO AIR CAME OUT. REMOVED LINE AT PRESSURE LIMITING VALVE AND THERE IS TRUCK AIR PRESSURE (120 PSI) AT THE VALVE. PLV HAS FAILED. R&R PLV. REMOVED METERING LINE TO ONE BOX AND PERFORMED A DEF DOSING TEST. MEASURED 110, 115, AND 110 mL OF DEF EACH TIME. BROUGHT TRUCK OUT BACK AND STARTED A STATIONARY REGEN.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 01-01-00	DD ENGINE REPAIR		537.20
1	101D/WAB 975 009 004 0	VALVE-PRESSURE LIMITING,12V *D	144.74	144.74

Parts: \$144.74 Labor: \$537.20 Misc: \$0.00 Sublet: \$0.00 \$681.94

Sold Operations Totals

Parts: \$36,362.77 Labor: \$8,500.40 Misc: \$85.49 Sublet: \$0.00 \$44,948.66

IMPORTANT: IF SERVICE WORK HAS BEEN PERFORMED ON WHEELS, NUTS OR AXLE U-BOLTS, THEY MUST BE RETORQUED TO SPEC 25 TO 100 MILES AFTER THE SERVICE WORK HAS BEEN COMPLETED.

A COMPLETE QUALITY INSPECTION HAS BEEN PERFORMED ON YOUR VEHICLE

Total Amount Due: \$46,958.57



INVOICE REPRINT

Minimum billing \$15.00. No refunds without this invoice. 15% handling charge on all returns.

The only warranties applying to this part(s) are those which may be offered by the manufacturer. The selling dealer hereby expressly disclaims all warranties, either express or implied, including any implied warranties of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the selling dealer any consequential damages, damages to property, damages for loss of use, loss of time, loss of profit, or income, or any other incidental damages.

TERMS: NET. NO CASH DISCOUNT. PAYMENT DUE BY 10TH OF MONTH FOLLOWING PURCHASES. A FINANCE CHARGE OF 1.50% PER MONTH, ANNUAL RATE OF 18% WILL BE CHARGED ON ALL ACCOUNTS WHICH HAVE BALANCES 30 DAYS OR MORE PAST DUE. 15% HANDLING CHARGE ON ALL PARTS RETURNED FOR CREDIT OR EXCHANGE. ALL CLAIMS AND RETURNED GOODS MUST BE ACCOMPANIED BY THIS BILL. NO RETURNS AFTER 30 DAYS.

X

Customer Signature

	ESTIMATED	BILLED
LABOR		\$8,500.40
PARTS		\$36,362.77
MISC		\$85.49
SUBLET		\$0.00
PREPAY		\$0.00
SUBTOTAL		\$44,948.66
SHOP SUPPLIES		\$125.00
MISC SUPPLIES		\$0.00
TAX		\$1,884.91
TOTAL		\$46,958.57

Tell us how we did:



Please Remit Payment to:
 FARGO FREIGHTLINER
 PO BOX 11057
 FARGO, ND 58106