



1501 NORTH HIGHWAY 59
MARSHALL, MN 56258

(866) 496-6695

Sold ACT LIMITED-CENTRAL DISPATCH - 67561
To 220 S JACKSON ST
MINNEOTA MN 56264

Ship ACT LIMITED-CENTRAL DISPATCH - 67561
To 220 S JACKSON ST
MINNEOTA MN 56264

SERVICE INVOICE RA305014268:01

ESTIMATE: ES305008474

UNIT NO: 82960 CONTACT #: (507) 872-6018 MILEAGE: 471,122
VIN: 3AKJGLDR2JSJW4454 P.O. NO: USE UNIT # LICENSE:
YEAR/MAKE/MODEL: 2018 / Freightliner / CASCADIA 125 DATE CREATE: 11/15/23 ENG HRS: 0
ENGINE/MODEL/SN: / / 472910R1118796 DATE INVOICED: 12/5/23 R RATIO:
TRANS/MODEL/SN: / / 715384G1926348 DRIVER CONTACT: TAG #: CHR
RXLS/MODEL/SN: / / DATE SCHEDULED: 11/15/2023 8:52:11 DEL MILE:

Sold Operations

JOB #1 0 MAINTENANCE

COMPLAINT UNLOAD TRUCK FROM TRAILER AND AIR UP TIRES

CAUSE

CORRECTION

got the truck unloaded from the trailer
the air had been let out of the tires to clear bridges and were off the bead making the unloading process a challenge

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		247.50
Prepay: \$0.00 Parts: \$0.00 Labor: \$247.50 Misc: \$0.00 Sublet: \$0.00				\$247.50

JOB #2 100 ENGINE

COMPLAINT DIAGNOSE AND REPORT ENGINE LOCKED UP. CHECK DAMAGE FOR POSSIBLE OVERHAUL OR ENGINE REPLACEMENT

CAUSE

CORRECTION

removed front bumper
removed bolts securing oil pan and dropped pan to the axle
got skirting off the drivers side for accessibility
got hood off after unhooking the wiring to it
removed rain tray and wipers
lifted the front of the truck and got the oil pan out as well as the oil pump and suction tubes and oil pickup
found there to be a rod bearing spun on the #1 cylinder removed the cap found the bearing to be welded together
got bearing free from the crank the crank is scored and not reusable

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 100-10	ENGINE		165.00
1	305X/PRI SFP16	STARTING FLUID	4.96	4.96
Prepay: \$0.00 Parts: \$4.96 Labor: \$165.00 Misc: \$0.00 Sublet: \$0.00				\$169.96





SERVICE INVOICE: RA305014268:01

ESTIMATE: ES305008474

Sold Operations (Cont.)

JOB #3 0

MAINTENANCE

COMPLAINT

MAKE NEW KEY FOR TRUCK - KEYS MISSING

CAUSE

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	305D/22-77279-000	KEY-DOOR/IGNITION M2/P3/P2	13.03	13.03
2	305D/HDX 10024	SEAL-GLADHAND RUBBER	1.91	3.82
2	305X/REP 12978-2	TCC LOGO 24X30	17.81	35.62
1	E3883	SOUTHWEST GLASS CENTER, INC.	30.00	30.00

Prepay: \$0.00 Parts: \$52.47 Labor: \$0.00 Misc: \$0.00 Sublet: \$30.00 \$82.47

INVOICE #305014268



Sold Operations (Cont.)

JOB #5 100

ENGINE

COMPLAINT

APPROVED ESTIMATE TO REPLACE WITH 3/4 ENGINE PER TOM

CAUSE

CORRECTION

TECH 1 20362

working on getting the engine out of the truck

engine is removed from the truck

swapping parts

swapping parts on engines

swapping parts over on the new engine

working on getting the truck back in one piece

TECH 2 A762

remove driveshaft

remove the exhaust

unbolt all brackets from the top of the transmission

unplug the tcm

remove the air line

remove cooler lines

remove brackets underneath the transmission

set jack under the transmission

remove bellhousing bolts

remove transmission

get the wheel lift and jack up the front of the truck

remove the transmission

remove wiring and hoses from the back side of the engine

put the lifting tool on top of the engine

remove rear motor mount bolts

remove the front motor mount

remove engine and put on blocks

clean up around truck

remove everything from the exhaust side of the old engine

broke a bolt for one of the clamps holding the egr cooler on

try to extract the bolt with some heat and a vise grip and if broke off farther down

cut the bolt off flush and start drilling it out broke a drill bit in the process

finish drilling out the broken bolt the threads were damaged

drill the hole out bigger and install heli coil

clean the water manifold and exhaust manifold

install the water manifold torque to 22 ft lbs

install the egr cooler torque to 18 ft lbs

install the exhaust manifold torque to 29 ft lbs

install the oil spinner torque to 44 ft lbs and the block fitting to 18 ft lbs

install the turbo and oil lines torque the turbo mounting bolts to 37 ft lbs

install the intake rocker shaft torque to 38 ft lbs then 90 degree turn

place the exhaust rocker shaft and do not tighten the bolt yet because we dont have the new springs for the engine

brakes that have to be installed before the bolts

install springs for the engine brakes

reinstall exhaust shaft

set the valve lash

install injector harness and engine brake solenoids

install valve cover

Sold Operations (Cont.)

install engine harness
 remove oil pan
 put lifting bracket on top of the engine
 lift engine off the stand
 put engine in the frame and torque all motor mounts
 make sure all hoses and wire on the back of the engine are tied up
 lift the front of the truck up and roll the transmission back under
 stab the transmission into place
 install all bell housing bolts
 start making sure all the wires and hoses are tied up into place
 finish tying up all the hoses and lines
 install the cooler lines
 install the driveshaft with new bolts
 help install the radiator assembly
 TECH 3 20573

Inner DPF:

P/N: RA6804914194

S/N: 12400014469193

Outer DPF:

P/N: RA6804914194

S/N: 12400008247514

-Removed Passenger side step panels
 -Removed Brackets for Passenger side steps
 -Removed all 10 One-box holding down heat shields, removed clip nuts as well, both hardware components are being replaced with new
 -Removed One0box Harness Above Heat shields for the heat shield removal to work
 -Removed Heat shields, did not need to remove the Temp. Sensor
 -Loosened all 4 DPF Clamps
 -Removed both DPFs
 -Inspected new DPFs for any damages or abnormalities, PASSED
 -Cleaned off old clamp material
 -Inspected One-box, Removed any built up DEF, and vacuumed all Debris
 -Installed and aligned DPFs
 -V-clamp torqued to 11 ft. lbs.
 -Band clamps Torqued to 33 Ft.. Lbs.
 -Reinstalled everything, Heat shield bolts torqued to 88 in. lbs.
 -Reinstalled passenger side step brackets, was told to leave steps off for other OPs on the RO
 NEW ENGINE SERIAL NUMBER: 472910R1118796
 OLD ENGINE SERIAL NUMBER: 472910S0519726

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		3,300.00
	LABOR 100-10	ENGINE		8,250.00
1	305D/01-33963-000	ISOLATOR-ASY ENG FRONT UPPER	45.57	45.57
1	305D/01-33964-000	ISOLATOR-ASY ENG FRONT LOWER	36.67	36.67
1	305D/14-17927-000	FILTER-POWER STEERING RESERVOI	50.66	50.66
1	305D/22-68425-000	O-RING SEAL-SLIMLINE AC 1/2 IN	9.42	9.42
1	305D/22-68426-000	O-RING SEAL-SLIMLINE AC 3/4 IN	9.74	9.74
2	305D/22-68427-000	O-RING SEAL-SLIMLINE AC COMPRE	11.33	22.66

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
4	305D/23-09114-004	WASHER-FLAT STEEL HARDENED 3/4	1.80	7.20
8	305D/23-12891-175	SCREW-SOCKETHEAD 12PT 1/2-20 1	2.81	22.48
1	305D/23-13149-029	PLUG 21CAV MCP2 8S AI BK SEAL	21.72	21.72
1	305D/A04-32185-472	TUBE ASSY-COOLANT SPLY DD15	100.69	100.69
1	305D/A04-32186-461	TUBE ASSY-COOLANT RTN DD15	112.35	112.35
1	305D/A07-22758-000	TUBE-OIL CLR SUPPLY FORWARD JU	115.53	115.53
1	305D/DDE A0000905051	485 FILTER	134.61	134.61
6	305D/DDE A0009903150	NUT EXHAUST FLANGED MANIFOLD	3.76	22.56
6	305D/DDE A0019904605	SCREW EXHAUST FLANGED MANIFOLD	4.08	24.48
13	305D/DDE A0019909200	SCREW HEAT SHIELD	2.48	32.24
3	305D/DDE A0029974271	FITTING COOLANT LINE AIR COMPR	36.67	110.01
10	305D/DDE A0049941645	SPRING NUT DPF COVER	1.82	18.20
1	305D/DDE A0049971371	SCREW IN FITTING CRANKCASE BRE	14.19	14.19
1	305D/DDE A0061535528	SENSOR CRANKCASE BREATHER SPEE	36.67	36.67
1	305D/DDE A0179978945	MOUNTING O-RING HIGH PRESSURE	25.32	25.32
1	305D/DDE A0189973145	O-RING - GENERAL PURPOSE	6.39	6.39
4	305D/DDE A0219901101	MOUNTING BOLT TURBOCHARGER	11.01	44.04
1	305D/DDE A0309976645	OIL SUPPLY O-RING AIR COMPRESS	4.04	4.04
6	305D/DDE A4700530420	VALVE SPRING	13.35	80.10
1	305D/DDE A4700903151	KIT FUEL FILTER	79.49	79.49
1	305D/DDE A4710960380	METAL SEAL	73.13	73.13
1	305D/DDE A4711420680	GASKET EXHAUST FLANGED MANIFOL	24.58	24.58
1	305D/DDE A4720180780	GASKET CRANKCASE BREATHER	9.85	9.85
6	305D/DDE A4720980080	MOUNTING SEAL INTAKE MANIFOLD	9.11	54.66
1	305D/DDE A4721420580	GASKET	112.35	112.35
1	305D/DDE A4721420645	RETAIN STRAP	20.34	20.34
1	305D/DDE A4721421880	GASKET EXHAUST MANIFOLD CYL 1	117.65	117.65
1	305D/DDE A4721421980	GASKET EXHAUST MANIFOLD CYL 4	117.65	117.65
1	305D/DDE A4721505120	ELECTRICAL WIRING HARNSS	426.64	426.64
1	305D/DDE A4721506233	WIRING HARNESS FUEL INJECTOR F	102.81	102.81
1	305D/DDE A4721506333	WIRING HARNESS FUEL INJECTOR R	114.47	114.47
2	305D/DDE A4721531259	SOLENOID ENGINE BRAKE	162.17	324.34
2	305D/DDE A4722000154	COUPLING - WATER MANIFOLD	15.57	31.14
1	305D/DDE A4722004251	A/C COOLANT RETURN LINE	87.97	87.97
1	305D/DDE A4722005052	LINE COOLANT SUPPLY ONE CYL AI	21.83	21.83
2	305D/DDE A4722021219	IDLER PULLEY NON-BRACKETED	46.63	93.26
1	305D/DDE A4722030880	GASKET - WATER MANIFOLD	32.53	32.53
1	305D/DDE A4722030980	GASKET - WATER MANIFOLD	24.79	24.79
1	305D/DDE A4729933496	POLY V BELT ACCESSORY VARIABLE	49.17	49.17
1	305D/DDE A4729970353	LINE/TUBE/HOSE - EGR COOLER	18.12	18.12
1	305D/DDE A5411870080	GASKET TURBOCHARGER OIL RETURN	9.95	9.95
2	305D/DDE A6809950202	CLAMP V-BAND DPF	60.41	120.82
1	305D/DDE EA4720108262	BREATHER ASSEMBLY - CRANKCASE	479.64	479.64
-1	305D/DDE EA4720108262-CORE	BREATHER ASSEMBLY - CRANKCASE	100.00	-100.00
1	305D/DDE EA4720108262-CORE	BREATHER ASSEMBLY - CRANKCASE	100.00	100.00
1	305D/DDE EA4720501531	KIT - ROCKER ARM SHAFT ASSEMBL	951.34	951.34

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
-1	305D/DDE EA4720501531-CORE	KIT - ROCKER ARM SHAFT ASSEMBL	125.00	-125.00
1	305D/DDE EA4720501531-CORE	KIT - ROCKER ARM SHAFT ASSEMBL	125.00	125.00
1	305D/DDE EA4720502531	EXHAUST ROCKER SHAFT ASSEMBLY	3,009.36	3,009.36
-1	305D/DDE EA4720502531-CORE	EXHAUST ROCKER SHAFT ASSEMBLY	125.00	-125.00
1	305D/DDE EA4720502531-CORE	EXHAUST ROCKER SHAFT ASSEMBLY	125.00	125.00
10	305D/DDE N000000001067	SEALING RING M10	0.95	9.50
10	305D/DDE N000000001068	SEALING RING - GENERAL PURPOSE	1.52	15.20
10	305D/DDE N000000001069	SEALING RING M14	1.47	14.70
2	305D/DDE N000000001071	SEAL RING	3.16	6.32
1	305D/DDE N000000001103	SEALING RING M33	8.15	8.15
2	305D/DDE N000000003528	CLAMP - EGR PIPE	6.88	13.76
1	305D/DDE N910105006002	SCREW M6X12	1.26	1.26
10	305D/DDE N910143006001	SCREW M6X16	1.33	13.30
1	305D/DDE R23565060	ENG 3Q DD15 CC WO FUEL COOLR E	27,413.99	27,413.99
-1	305D/DDE R23565060-CORE	ENG 3Q DD15 CC WO FUEL COOLR E	10,625.00	-10,625.00
1	305D/DDE R23565060-CORE	ENG 3Q DD15 CC WO FUEL COOLR E	10,625.00	10,625.00
2	305D/DDE RA0014907692	DPF KIT HDEP 1BOX GHG17 W/CLAM	874.74	1,749.48
-2	305D/DDE RA0014907692-CORE	DPF KIT HDEP 1BOX GHG17 W/CLAM	500.00	-1,000.00
2	305D/DDE RA0014907692-CORE	DPF KIT HDEP 1BOX GHG17 W/CLAM	500.00	1,000.00
1	305D/DDE RA4711302515	A/COMPRESSOR	927.49	927.49
-1	305D/DDE RA4711302515-CORE	A/COMPRESSOR	562.50	-562.50
1	305D/DDE RA4711302515-CORE	A/COMPRESSOR	562.50	562.50
1	305D/DDE RA4720902880	TURBO DD15 GHG17 14L FG	2,315.61	2,315.61
-1	305D/DDE RA4720902880-CORE	TURBO DD15 GHG17 14L FG	625.00	-625.00
1	305D/DDE RA4720902880-CORE	TURBO DD15 GHG17 14L FG	625.00	625.00
1	305D/DN P610260	ELEMENT-AIR FILTER PRIMARY	112.23	112.23
1	305D/F4HZ 3K506 C	MOUNTING GASKET-POWER STEERING	4.34	4.34
47	305D/MBL 105420	OIL,M-DEL 1300 SUP 10W-30,CK-4	4.69	220.43
4	305D/MBL 123130	ATF, MOBIL ATF D/M 1QT BOT(6/C	5.67	22.68
16	305D/OWI AMAB53	50/50 OAT ELC GALLON JUGS	11.23	179.68
1	305D/TCX AMS012	GASKET-4 INCH SPHERICAL W/TABS	16.51	16.51
1	305D/TCX AMS013	GASKET-5 INCH SPHERICAL W/TABS	15.26	15.26
1	305D/TCX AMS014AM	CLAMP KIT-SLIP 4IN	29.11	29.11
1	305D/TCX T130158342AB2	CLAMP-EXHAUST 5 INCH SPHERICAL	21.44	21.44
1	305D/TCX T130158342AC2	CLAMP-V BAND 5 HDEP SPHERICAL	20.57	20.57
1	305X/HEL R1084-8	HELI COIL	14.72	14.72
	C	REBUILT MOTOR A472910R1118796		

Prepay: \$0.00 Parts: \$40,761.15 Labor: \$11,550.00 Misc: \$0.00 Sublet: \$0.00 \$52,311.15

Sold Operations (Cont.)

JOB #6 00-03 CI-REPAIRS

COMPLAINT APPROVED ESTIMATE TO REPLACE CLUTCH BY TOM

CAUSE

CORRECTION requested pilot bearing
had to wait a couple min for that
installed pilot bearing
made new clutch alignment bolts
installed clutch per spec
torqued in sequence to 44 ft-lbs
good to go

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		165.00
12	305D/23-13329-095	BOLT-HEX FLG PC 10.9 M10X95	3.04	36.48
1	305D/A02-14135-000	ZB SINGLE DISC DRY CLUTCH	1,725.14	1,725.14
1	305D/DDE A0119812025	PILOT BEARING	23.42	23.42
Prepay: \$0.00 Parts: \$1,785.04 Labor: \$165.00 Misc: \$0.00 Sublet: \$0.00				\$1,950.04

JOB #7 DOT DOT INSPECTION \$85.00

COMPLAINT DOT INSPECTION \$85

CAUSE

CORRECTION looked over
filled out paperwork
applied sticker to windshield
put 2 copies of paperwork under visor in truck
put one copy in with the RO in the sleeve
gave RO to Nick

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR DOT-10	DOT INSPECTION		85.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$85.00 Misc: \$0.00 Sublet: \$0.00				\$85.00

Sold Operations (Cont.)

JOB #8 0

MAINTENANCE

COMPLAINT

OP 5 STORY CONT

CAUSE

CORRECTION

TECH 4 20407

tied up wiring
 installed power steering pump
 hooked up power steering lines
 installed oil pump/sump assembly, torqued to 22 ft. lbs.
 installed oil pan, torqued to 18 ft. lbs.
 hung the transmission cooling lines on the brackets
 put the oil dipstick tube back on the pan
 hooked up the heater hoses
 put the ATD outlet pipe back on
 helped get the bellow pipe back in the exhaust
 primed oil system, 4 gallons of 10w30
 filled the oil to full mark
 pulled the cooling system into vacuum
 had tool pull the new coolant into the engine
 after it was done I topped it off
 changed the power steering filter
 filled the reservoir to the max cold mark with ATF
 hooked ground cable back up to the batteries
 put the fuel primer on the fuel system
 tried to start
 not enough charge in the batteries
 will put a charger on it in the morning and get running
 we got it running
 found coolant leak on the heater hose at the water return manifold
 drained coolant
 removed line
 cut it back
 put it back on with a new clamp
 filled back up with coolant
 got started and let run
 no leaks
 found air leaks by the drive axles
 plugged hoses back into the valves
 Chris and I got the rear tires to take air again
 Chris moved out of shop and washed off
 I cleaned the floor in the bay while he was washing off the truck
 Chris brough back in shop
 we put the side skirts back on

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE

Prepay: Parts: Labor: Misc: Sublet:



SERVICE INVOICE: RA305014268:01

ESTIMATE: ES305008474

Sold Operations (Cont.)

JOB #9 0

MAINTENANCE

COMPLAINT

EXTENDED WARRANTY

CAUSE

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	E2325	Detroit	2,200.00	2,200.00
Prepay: \$0.00 Parts: \$0.00 Labor: \$0.00 Misc: \$0.00 Sublet: \$2,200.00				\$2,200.00

Sold Operations Totals

Prepay: \$0.00 Parts: \$42,603.62 Labor: \$12,212.50 Misc: \$0.00 Sublet: \$2,230.0 \$57,046.12

INVOICE CLAIM

By executing below, you hereby agree that any dispute in any way related to the services rendered (except for any dispute regarding your failure to pay for services rendered or the creation, perfection or foreclosure of any lien or security interest) shall be submitted to final and binding arbitration under the commercial arbitration rules of the American Arbitration Association. Nebraska law shall govern the arbitration proceeding and the arbitration trial shall occur in Omaha, Nebraska. TCC MAKES NO REPRESENTATION WARRANTY OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION REPRESENTATIONS OR WARRANTIES WITH RESPECT TO MERCHANTABILITY, NONINFRINGEMENT OF THIRD-PARTY RIGHTS, AND FITNESS OR SUITABILITY FOR ANY PURPOSE OR USE. FURTHER, YOU AGREE THAT TCC SHALL NOT BE LIABLE TO YOU OR ANY PARTY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND, ARISING OUT OF, RELATING TO OR IN CONNECTION WITH THE SERVICES RENDERED, EVEN IF TCC HAS BEEN ADVISED, KNOWS OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

CHECK

	ESTIMATED	BILLED
LABOR		\$12,212.50
PARTS		\$42,603.62
MISC		\$0.00
SUBLET		\$2,230.00
PREPAY		\$0.00
SUBTOTAL		\$57,046.12
SHOP SUPPLIES		\$300.00
MISC SUPPLIES		\$0.00
TAX		\$3,328.61
TOTAL		\$60,674.73

Please Remit Payment to:

Truck Center Companies -

Marshall

PO Box 27379

Omaha, NE 68127

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