

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	EXTD PRICE
4	203D/04-30201-001	BRACKET-STANDOFF ANGLED EATON	15.28
1	203D/04-32486-000	ELBOW-EXHAUST HYDRO 5IN SPH ST	61.67
1	203D/06-09782-001	BRACKET-BATTERY CABLE	10.97
1	203D/06-23464-000	SENSOR-TRANSMISION TEMP 1/2PT	18.23
1	203D/06-88031-000	BRACKET-BATTERY CABLE ROUTING	21.08
1	203D/06-88203-000	BRACKET-BATTERY CABLE ROUTING	6.44
1	203D/07-18863-029	ADAPTER-SHIFT LEVER	42.57
1	203D/07-23155-000	TUBE-SUPPLY P3-125 DD15 M1400	167.99
1	203D/07-23156-000	TUBE-RETURN P3-125 DD15 M1400	169.23
1	203D/11-14418-000	GASKET-AXLE SHAFT 7.00 8 .66	2.74
1	203D/18-58501-000	BOOT- SHIFTER Cascadia	46.83
1	203D/22-72621-000	CLAMP RING-BOOTSIIIFT	15.49
1	203D/23-09130-000	BRACKET-STANDOFF .531X.281 90	3.36
1	203D/23-09130-025	BRACKET-STANDOFF	4.30
1	203D/23-11358-006	CLAMP-CUSHION DIA 1/2	3.41
3	203D/23-11358-070	CLAMP-CUSHION DIA 5/8 INCH 2 T	7.68
9	203D/23-12094-175	SCREW-CAP HEX 7/16-14X	26.28
3	203D/23-12235-008	RETAINER-PLASTICPANELBLACKNYL6	5.82
4	203D/23-12829-102	NUT INSERT HEX M6X1.0	6.08
2	203D/23-12962-020	SCR-FLNG EXT TX M10X	5.56
4	203D/23-13013-730	SCRW MCH PH TX MP 8.8	8.96
1	203D/23-13142-204	PLUG 2CAV MP150S PAC12052644	4.56
1	203D/23-13144-215	PLUG-2CAV GT150SCL PAC15497504	28.03
2	203D/23-13212-025	TERMINAL-FEM GT150S 0.5-0.8	2.52
3	203D/23-13323-002	STUD-THREAD DOUBLE END .312 .4	22.74
12	203D/23-13454-001	CLAMP 0000 BATT CA	43.68
1	203D/23-13562-000	ELBOW-90DEG LONG DROP BRASS HD	13.28
12	203D/23-13687-000	CLAMP-COOLER LINE TUBE SNAP VE	60.72
1	203D/A04-30468-461	TUBE-COOLANT DD15 RETURN	128.74
1	203D/A04-30469-460	TUBE-COOLANT DD15 SUPPLY	100.55
1	203D/A06-69192-100	CABLE-BATTERY NEG RETURN	150.54
1	203D/A06-78035-092	CABLE-BATTERY POS 4/0 SHORT 90	157.86
1	203D/A06-88202-000	BRACKET-ASSY CBL RTG FLY HSG H	11.37
1	203D/A07-22468-000	SHIFT LEVER-ISOLATED 673 PAINT	93.84
1	203D/A22-69527-000	SHIELD-SPLASHCAB MTD125LH-SEE	214.29
1	203D/A22-71853-200	CASSETTE-HVACUNDERDECKFTL CASC	262.26
1	203D/ABP N35 100725	ACCUSEAL 5IN. MAGNI COATED CLA	4.61
1	203D/DDE A0019959702	CLAMP KIT	41.99
12	203D/DDE A0029905500	BIHEX BOLT	52.20
1	203D/DDE A0061534228	POSN SENSOR	24.38
1	203D/DDE A0159974946	SEAL	37.61
1	203D/DDE A4030150109	COVER	6.71
1	203D/DDE A4720140322	SEAL	34.34
1	203D/DDE A4720150480	SEAL	44.49
1	203D/DDE A4720152702	F/HSG KIT	443.11
1	203D/DDE A4720301105	FLYWHEEL	432.36
1	203D/DDE A4721421380	METAL GSKT	7.52
1	203D/DDE A4731800409	OIL FLTR KIT	26.75
28	203D/DDE N000000001067	SEAL RING	30.24
2	203D/DDE N000000001068	SEAL RING	3.20
1	203D/DDE N000000001070	SEAL RING (22mm O.D. x 16mm I.	1.75
2	203D/DDE N910105008008	BOLT HEX HEAD FLANGE M8X1.25X1	3.44
1	203D/FUL 4305413	LEVER STUB SHIFT	158.47
1	203D/FUL A7802	CLUTCH HSG	491.99

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	203D/FUL A8173	HAND HOLE COVER GROMMET A	8.55
1	203D/FUL K2977	KIT	90.08
1	203D/FUL K4124	KIT CLUTCH INSTALLATION (F	336.24
42	203D/MBL 105816	DELVAC 1300 15W40 CK4 (QTS)	139.28
6	203D/MBL 122046	GEAR OIL 75W90S 375LB (LBS)	26.15
24	203D/MBL 122205	TRANS LUBE 50S 375LB (LBS)	109.95
12	203D/OWI AMAB53	ALLIANCE OAT ELC 50/50 6/1 GAL	97.20
2	203D/PAC 15305351 B	SEAL-CABLE 1.7-2.1MM CABLEYELLO	3.20
2	203D/PAC 15326267 L	TERM-FEM GT150CLS 18	3.52
1	203D/PAC 15358890 B	CONNECTOR 2 PIN	4.22
2	203D/PH 209P8 4	BUSHING	4.20
4	203D/PH 60NTA 10	FITTING	5.80
1	203D/PH 60NTA6	SLEEVE COMPRESSION	0.68
4	203D/PH 60NTA8	SLEEVE COMPRESSION	3.36
1	203D/PH 62NTA 6	AIR BRAKE-NTA UNION	4.88
2	203D/PH 62NTA 8	AIR BRAKE-NTA UN	7.70
40	203D/PH HTFL8BBRN500	HIGH TEMP. FUEL LINE	76.00
1	203D/PH QDCR601 6	VALVE DRAIN	4.75
1	203D/PH VS269NTA 12 8	AIR BRAKE-NTA MALE E	7.33
1	203D/PH VS269NTA10 8	ELBOW MALE	5.21
2	203D/PH VS269NTA6 4	ELBOW MALE	7.42
2	203D/PH VS279NTA 10 8	AIR BRAKE - NTA 45 ELBOW	10.26
2	203D/PH VS279NTA 8 6	FITTING-ELBOW 451/2 NYLON x 3/	8.60
3	203D/PHM 11 261	TUBING A/BRAKE 3/8 RE	5.82
41	203D/PHM 8 43117	TIE STRAP 112INBLACKNYLO	9.43
1	203D/SP 309701 82	CLUTCH-ADVANTAGE SELFADJUST	731.83
2	203D/TCX AMS013	GASKET-5 INCH SPHERICAL W/TABS	17.14
1	203D/TCX AMS015AM	CLAMP KIT-SLIP5IN	33.06
2	203D/TCX T130158342AB2	CLAMP-EXHAUST 5 INCH SPHERICAL	32.16
1	203D/TDA CB210661 1XSA	CENTER BEARING	74.54
3	203D/TDA KT17SB	STRAP BOLT KIT for Easy S	30.15
1	203D/TDA R950051	HOSE KIT 22M	98.29
1	203D/TDA S970 051 503 0	SLAVE CYLINDER CLUTCH	146.65
1	203E/3M-6133	ELECTRICAL TAPE	4.50
8	203P/12621	FLAT WASHER M8 HARDENED	1.68
5	203P/15115	HEX CAP 10.9 M6-1.0X12MM	1.95
3	203P/15154	HEX CAP 10.9 M8-1.25X25MM	1.35
2	203P/16130	HX CP PL USS 5/16X2-1/4 8	1.08
9	203P/16175	HX CP PL USS 7/16X1-3/4 8	6.48
2	203P/176121	MED LOCK S/S 1/4	0.50
2	203P/320104	HEX CAP S/S 1/4-20X1 316	1.24
2	203P/340106	HEX NUT S/S 1/4-20 316	1.10
4	203P/376001	STD FL WASH 1/4 S/S 316	1.28
3	203P/40152-2	FN HEX 8 PL 5/16-18	0.81
1	203P/71780	SHRINK TUBE 3/16 6in pcs	0.62
2	203P/71896	SEAL-A-CRIMP HD BUTT22-18	2.02
1	203P/71974	FLAP WHEEL 1in 80 GRIT	5.49
3	203P/73219	IMPERIALOK R 2in CRSE DISC	6.54
6	203P/76171-2	LOCKS ALLOY 5/16	0.96
5	203P/77612	EXTRA THICK 5/16inG8 FLAT	2.20
12	203P/77614	EXTRA THICK 7/16inG8 FLAT	6.72
8	203P/913845-9	BLIND RIVET 3/16	3.52
1	203W/FRO16210C	REMAN TRANS	3,894.80
1	203W/FRO16210C-CORE	CORE FRO16210C	3,280.62

Sold Operations (Cont.)

HOOD-GRILLE-CAB FENDERS

HOOD-GRILLE-CAB FENDERS
RIGHT SPLASH SHIELD BROKEN
REPLACE, CUSTOMER APPROVED

REMOVED OLD SPLASH SHIELD AND FENDER. INSTALLED FENDER ON NEW SPLASH SHIELD AND INSTALLED ON TRUCK.

QTY	ITEM	DESCRIPTION	EXTD PRICE
3	303D/23-12251-001	RETAINER-PLASTIC BLK	2.43
1	303H/HDE A22-69527-001	SPLASH SHIELD CAB MOUNTED RH	191.70
	LABOR 88-10	HOOD-GRILLE-CAB FENDERS	162.80
			\$356.93

JOB #7 46

STEERING

COMPLAINT

STEERING
STEER GEAR LEAKING. NEEDS CLEANED OFF AND VERIFIED WHERE IT IS COMING FROM
CUSTOMER APPROVED TO FIX AND ALSO CHANGE FILTER

CAUSE

CORRECTION

STEAMED OFF P/S GEAR AND RAN TRUCK. NOT SEEING WHERE IT IS COMING FROM WILL HAVE TO RUN IT MORE AND MAYBE EVEN TAKE IT FOR A DRIVE TO SEE WHERE IT LEAKS FROM. USED BRAKE CLEAN AND CLEANED AND DRIED AREA AROUND STEER GEAR INPUT. RAN TRUCK AND CHECKED FOR LEAKS. TOOK FOR DRIVE AND CHECKED. COULD NOT FIND ANY LEAKS MUST HAVE BEEN RESIDUE FROM ENGINE LEAKS THAT WERE FIXED. GOT NEW P/S FILTER AND REMOVED OLD AND INSTALLED NEW ONE. RAN CHECKED FOR LEAKS AND FOUND NONE.

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	303D/14-17927-000	FILTER-POWER STEERING RESERVOI	41.22
	LABOR 46-10	STEERING	236.80
			\$278.02

JOB #8 100

ENGINE

COMPLAINT

ENGINE
OIL PRESSURE SENSOR LEAKING NEEDS REPLACED
CUSTOMER APPROVED REPLACING THE SENSOR

CAUSE

CORRECTION

REMOVED OLD OIL PRESSURE SENSOR AND INSTALLED NEW ONE WITH NEW SEAL RINGS. CHECKED FOR LEAKS AND FOUND NONE.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 100-10	ENGINE		88.80
1	303D/DDE A0111539228	SENSOR OIL PRESSURE		68.54
1	303D/DDE N000000001070	SEALING RING M16		1.71
				\$159.45

Sold Operations Totals

\$22,007.96

STOUGHTON

**KALMAR
OTTAWA**

**ISUZU
TRUCK**

**Thomas
BUILT BUSES.**

SIDUMP'R

SERVICE ORDER R203004974

UNIT NO: A110
 VIN: 1FUJGLD68GLHE6440
 YEAR/MAKE/MODEL: 16 / FTL / CASCADIA
 ENGINE/MODEL/SN: / D472909 / 472909S0381289
 TRANS/MODEL/SN: FULLER / FRO-16210C / S1170631
 RXLS/MODEL/SN: / MD-20-14X / FOR03560517

P.O. NO:
 DATE CREATE: 6/4/19
 DATE INVOICED:

MILEAGE: 372.451
 LICENSE:
 CPL/ARRG:
 R RATIO: 3.42
 TAG #: 1A
 DEL MILE:

Sold Operations

JOB #1 41 Driveline

COMPLAINT DIAGNOSE AND REPORT. DAMAGE TO TRUCK
 CAUSE

CORRECTION Inspected crank and don't see any issues. Noticed under bunk lines were damaged and got ok to replace them sent pr for under bunk lines. Went through parts to see what is here and what else is needed. Made list sent to parts and had to go through it with parts to get what I wanted. Straightened out floor around shift boot and made a template to make a support. Cut off damaged nut inserts and drilled holes in backer piece to put nut inserts through and drilled holes for rivets. Cleaned floor and backer and applied urethane to seal-it and used nut inserts and rivets to hold it to the floor. Removed front left inner fender and then damaged bunk lines. Installed new bunk lines. Inner fender has some broken parts so got ok to replace it. Removed outer fender and installed on new inner fender. Got new trans and put on trans jack. Removed hardware from old trans and then installed new bellhousing on trans. Removed yoke from old trans and lubed splines with antisieze and installed on new trans with new nut. Removed speed sensor and swapped to new trans. Swapped air fitting and reverse switch to new trans. Asked about driveline and are planning on reusing got ok to be sent out to kato and checked for straightness and balance. Labeled and put them on a pallet with new hanger bearing. Picked up and organized damaged parts so they are not laying everywhere.

Disconnected batteries. removed damaged battery cables, fuel lines, air line, fittings from air tank and extracted broken fitting. Got new fittings and replaced fittings in air tanks and connected lines. Removed shift boot and tower. Put in new oil. drained oil. Removed crossmember under pan. starter, turbo heat shield, apt heat shield, coolant lines from doser, fuel line from doser. cast pipe from apt. inlet clamp at one box, motor mount bolts. dipstick, trans cooler line clamps, trans cooler lines, oil pan bolts, oil pan. got blocks and jacked up engine. Removed bolts from rear structure. then structure. Transferred starter studs to new structure and cleaned block. Installed new gasket, new structure, torqued to spec. Installed engine mounts and lowered engine and installed motor mounts bolts. Cleaned and installed cast s pipe, new bellows, inlet for one box, doser fuel line, doser coolant lines, new DEF coolant lines, rear seal, new flywheel, new clutch, clutch grease lines. removed and installed new bunk AC and coolant lines. Installed transmission, line holders on top of trans, all new fuel lines, clutch slave cylinder, clutch slave cylinder line, inspection cover. Repaired wire harness for trans and 4 wires in ATD harness. Installed oil pan gasket, oil pan, new trans cooler lines, new battery cables, new shift tower and stick and installed air lines for trans. Filled trans with oil, filled engine with oil. Re-installed inner fender, steps that were removed to get trans under truck. Installed shift boot, turbo heat shields, new exhaust pipe for one box outlet, removed and re-used tip for exhaust, axle shaft, starter. Turned on power and hooked up and looked at codes. Has engine overspeed codes and if over 3000 RPM it wants us to replace cams. Hit 3429 RPM, sent pr for cams. Cleaned and organized area.

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	203D/02-12175-012	CLUTCH-LUBE TUBE 12 INCH LONG	18.51
1	203D/02-13138-000	PUSHROD-SLAVE CYLINDER	18.76
1	203D/04-26838-005	PIPE-EXHAUST USM 016-1C3	308.38
1	203D/04-28675-000	BELLOWS-5IN SPHER-SLIP	387.20

Sold Operations (Cont.)

JOB #2 41

DRIVELINE

COMPLAINT
CAUSE
CORRECTION

TRUK WAS TOWED. INSTALL THE DRIVELINE.

GATHERED UP ALL BOLTS AND PARTS TO REINSTALL UPPER AND TOP SIDE FAIRINGS. GOT HELP AND GOT FAIRING BACK UP ON TOP OF THE TRUCK. AND BOLTED DOWN WITH SEALS UNDER ALL MOUNTS. REINSTALLED REAR BRACKETS AND TIGHTENED EVERYTHING DOWN. REINSTALLED UPPER SIDE FAIRINGS AND TIGHENED ALL BOLTS. REINSTALLED BOTH HORNS WITH SEALS AND SILCONE AROUND MOUNT BOLTS SO THERE ARE NO LEAKS. CLOKED AND REINSTALLED DRIVESHAFT AND GREASED ZERKS.

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	303D/SP 6.5 70 18X	STRAP BOLT KIT	11.94
	LABOR 41-10	DRIVELINE	444.00
			\$455.94

JOB #3 SVC-DD \$365 DD13/15 15W40 SERVICE SPECIAL

COMPLAINT
CAUSE
CORRECTION

\$365 DD13/15 15W40 SERVICE SPECIAL

CHANGED ENGINE OIL AND FUEL FILTERS. GREASED ALL ZERKS AND CHECKED ALL FLUID AND LUBE LEVELS COMPLETED CHECKLIST SEE LIST.

QTY	ITEM	DESCRIPTION	EXTD PRICE
	LABOR 100-20	STANDARD-ENGINE	135.05
1	303D/DDE A4700903151	KIT- FILTER INSERT	57.71
1	303D/DDE A4731800909	TS OIL FILTER	24.30
47	303D/MBL 105420	OIL.M-DEL 1300 SUP 10W-30.CK-4	147.95
			\$365.01

JOB #5 32

SUSPENSION

COMPLAINT

SUSPENSION

BOTH DRIVE TORQUE ARMS SHIFTED AND RUBBING ON BRACKET (BOTH NEED REPLACED)
CUSTOMER APPROVED REPLACING BOTH

CAUSE

CORRECTION

GOT NEW TORQUE ARMS. REMOVED OLD ONES ONE AT A TIME AND INSTALLED NEW ONES TIGHTENED DOWN.

QTY	ITEM	DESCRIPTION	EXTD PRICE
2	303H/HDE 16-18972-000	TORQUE ROD ASSEMBLY	228.74
	LABOR 32-10	SUSPENSION	222.00
			\$450.74

SERVICE INVOICE: RA303012920:01
ESTIMATE: ES303006744

TOTAL		\$23,279.58
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Sold Operations (Cont.)

ITEM	DESCRIPTION	EXTD PRICE
203X/PEX 24200	THREADLOCKER BLUE (MED)	3.89
LABOR 41-10	INSPECT-DRIVELINE	4,909.90
FRT MN	FREIGHT - MINNESOTA	439.31
STRAN	SERVICE SUBLET TRANSFER	185.38
		19,430.58
		\$19,430.58

JOB #2 00 General Information

COMPLAINT TOWING.
CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	M3613	BORNTRAGER AUTO BODY	420.00
			420.00
			\$420.00

JOB #3 60 Cab

COMPLAINT INSTALL AIR FAIRING AND REAR SKIRTS THAT WERE REMOVED BY THE TOWING COMPANY. BOLTS AND SIDE SKIRTS ARE IN THE CAB.
CAUSE
CORRECTION PUT THE TOP FAIRING AND ONE SIDE FAIRING ON. installed the rest of the fairing.

QTY	ITEM	DESCRIPTION	EXTD PRICE
2	203D/PH VS48F8 8	CONNECTOR	5.80
2	203P/16123-5	HX CP PL USS 5/16X3/4 8	0.82
2	203P/77612	EXTRA THICK 5/16inG8 FLAT	0.88
	LABOR 60-10	INSPECT-CAB	282.90
			290.40
			\$290.40

JOB #4 00 General Information

COMPLAINT REMOVE THE DAMAGED TRANSMISSION FROM UNDER THE TRUCK.
CAUSE
CORRECTION REMOVED THE DRIVELINE AND THE TRANS. HAD TO DISCONNECT SOME LINES FROM THE TRANS. HAD TO REMOVE THE PART OF THE SHIFT TOWER THAT WAS ON THE TRANS SO I COULD GET IT OUT FROM UNDER THE TRUCK.

QTY	ITEM	DESCRIPTION	EXTD PRICE
	LABOR 00-10	INSPECT-GENERAL INFORMATION	356.70
			356.70
			\$356.70

JOB #5 01 Engine

COMPLAINT ENGINE HAS OVERSPEED OF 3400 RPM. CAM SHAFTS NEED TO BE REPLACED IF OVER 2500 RPM
CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
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SERVICE ORDER: R203004974

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	EXTD PRIC
	LABOR 01-10		
1	203D/DDE EA4720501301	INSPECT-ENGINE	
1	203D/DDE EA4720501301-CORE	CAM OUTLET	639.6
1	203D/DDE EA4720501401	CAM OUTLET	1,088.2
1	203D/DDE EA4720501401-CORE	CAM INLET	150.0
		CAM INLET	955.4
			150.00
Sold Operations Totals			2,983.29
			\$2,983.25
			\$23,480.97

TOTAL \$25,111.60

AUTHORIZED BY

DATE

REMIT TO: P.O. Box 1708 Waterloo, IA 50704 319-234-4453

Sold Operations (Cont.)

BOOTS, AND FILLED SYSTEM WITH NEW COOLANT (WHAT WAS LEFT OF THE OLD WAS DIRTY). INSTALLED NEW OIL PUMP AND CHECKED GEAR LASH AND IT IS WITHIN SPEC. REINSTALLED PICK UP TUBE WITH NEW O-RINGS AND TORQUED DOWN. INSTALLED OIL PAN WITH NEW GASKET AND TIGHTENED DOWN. REINSTALLED DIPSTICK TUBE AND PRIMED OIL SYSTEM WITH 16 QUARTS OF OIL. TOPPED OFF OIL PRIMED FUEL SYSTEM. SET ALL INJECTOR CAL CODES AND GOT TRUCK RUNNING. HAD MISS RIGHT AWAY BUT CAM OUT OF IT. TOPPED OF OIL AND COOLANT AND TOOK THR TRUK TO THE WASH BAY AND STEAMED ENGINE AND UNDERSIDE IF TRUCK OFF. WARMED TO 160 AND HAD NO FAULT, TOOK FOR TEST DRIVE AND CHECKED OVER WHEN I GOT BACK AND FOUND NO ISSUES.

QTY	ITEM	DESCRIPTION	EXTD PRICE
1	303D/03-35804-000	ISOLATOR-AIR CLEANER FRONT	14.92
20	303D/23-09796-309	TIE STRAP-8 X .19 BLACK NYLON	16.20
1	303D/BRZ B9224 0425FRU	CLAMP-HD SPRING T BOLT HOSE	4.21
1	303D/DDE A0189973145	O-RING	4.40
6	303D/DDE A4720111910	LINER KIT	1,872.30
1	303D/DDE A4720140322	SEAL	29.57
1	303D/DDE A4720160121	SEAL ROCKER COVER	42.18
1	303D/DDE A4720162120	C/HD GSKT KT	578.16
1	303D/DDE A4720300445	THR BRG STD	33.81
7	303D/DDE A4720300740	MAIN BEARING KIT	414.33
6	303D/DDE A4720300960	CONN ROD BRG	274.44
6	303D/DDE A4720302317	PISTON KIT	2,552.94
1	303D/DDE A4720709132	KIT - HIGH PRESSURE FUEL LINE	79.84
2	303D/DDE A4721870880	O-RING OIL SUCTION LINE	13.20
2	303D/DDE A4721870980	O-RING OIL PRESSURE LINE	12.38
1	303D/DDE A4721881480	SEAL OIL SUCTION MANIFOLD	11.53
1	303D/DDE A4729970845	O-RING	4.35
1	303D/DDE A5411870080	O-RING TURBOCHARGER OIL RETURN	6.85
6	303D/DDE EA4720300520	CONNECTING ROD	1,386.00
-6	303D/DDE EA4720300520-CORE	CONNECTING ROD	-600.00
6	303D/DDE EA4720300520-CORE	CONNECTING ROD	600.00
1	303D/DDE EA4721806601	OIL PUMP COMPL	267.84
-1	303D/DDE EA4721806601-CORE	OIL PUMP COMPL	-187.50
1	303D/DDE EA4721806601-CORE	OIL PUMP COMPL	187.50
16	303D/DDE N000000001069	SEALING RING M14	21.28
1	303D/DDE RA4600701087S	INJ 6PK HDEP EPA07/EPA10/GHG14	3,459.35
-1	303D/DDE RA4600701087S-CORE	INJ 6PK HDEP EPA07/EPA10/GHG14	-1,875.00
1	303D/DDE RA4600701087S-CORE	INJ 6PK HDEP EPA07/EPA10/GHG14	1,875.00
3	303D/MBL 105816	OIL, M-DEL 1300 SUP 15W-40, CK	17.16
14	303D/OWI AMAB53	50/50 OAT ELC GALLON JUGS	140.70
1	303D/PH 218P 12	FITTINGS	4.42
1	303H/HDE A05-25263-005	SURGE TANK	229.95
	LABOR EA-10	EXPRESS ASSESSMENT	7,844.00
3	FRT	FREIGHT	605.55
			\$19,941.87

SERVICE INVOICE RA303012920:01
ESTIMATE: ES303006744

UNIT NO: A110

VIN: IFUJGLD68GLHE6440

YEAR/MAKE/MODEL: 16 / FREIGHTLINER / CASCADIA

ENGINE/MODEL/SN: / D472909 / 472909S0182109

TRANS/MODEL/SN: Eaton Fuller / FRO-16210C / S1170631

RXLS/MODEL/SN: / MD-20-14X / FOR03560517

CONTACT #:

P.O. NO:

DATE CREATE: 7/5/22

DATE INVOICED: 8/1/22

DRIVER CONTACT:

DATE SCHEDULED: 7/14/2022 11:04:46

MILEAGE: 716.931

LICENSE:

ENG HRS: 0

R RATIO: 3.42

TAG #:

DEL MILE:

Sold Operations

JOB #1 EA

EXPRESS ASSESSMENT

COMPLAINT

EXPRESS ASSESMENT DIAGNOSE AND REPORT THE TRUCK DUMPED COOLANT INTO THE OIL. PARTS ARE LOOKED UP
TRUCK WAS TOWED IN FROM FROM THE WEST.

CAUSE

CORRECTION

BROUGHT INSIDE AND DRAINED OIL WHICH HAD ALOT OF COOLANT IN IT AND REMOVED OIL PAN. PUT WATER IN COOLANT TANK AND IT RAN OUT #6 LINER AT THE TOP. NEEDS AT LEAST 1 PACK REPLACED. PUT IN PR FOR ALL PARTS AND COMPLETE OVERHAUL KIT AND GOT APPROVAL TO TEAR DOWN. DRAINED COOLING SYSTEM AND REMOVED CAC BOOTS AND TESTED CAC AND IT IS GOOD. REMOVED TURBO OIL LINES, COOLANT LINES, APT LINE, AIR BOX, RAD SUPPORTS, RAD HOSES, INTAKE ELBOW, COOLANT PIPES, COOLANT CROSSOVER, COWL COOLANT TANK, V/C, ALL FUEL LINES, ROCKER HOUSING, INJECTORS, AND UNBOLTED THE HEAD AND REMOVED. INSPECTED HEAD AND LOOKS GOOD JUST NEEDS CLEANED. INSPECTED LINER AND FOUND A TOTAL OF 3 SCORED CYLINDER, 3, 4, AND 6. REMOVED OIL PUMP, PICKUP TUBE, PISTONS AND LINERS. FOUND 4 OUT OF 6 ROD BUSHING ARE SCORED AND WILL NEED REPLACE. SUGGEST REPLACING ALL 6. DISASSEMBLED OIL PUMP AND INSPECTED AND FOUND IT IS SCORED AND WILL NEED REPLACED. INSPECTED ALL ROD BEARING AND FOUND NO ISSUES. DISSASSEMBLED CAM HOUSING AND INPSECTED CAM AND FOUND NO ISSUES. UNBOXED, CLEANED, INSPECTED AND INSTALLED ALL 6 LINER. REMOVED ALL PISTON COOLERS AND STARTED ASSEMBLING PISTONS BUT FOUND I DONT HAVE ROD BEARINGS YET. ASSEMBLED AND INSTALLED ALL 6 PISTONS AND RODS WITH NEW BEARINGS AND TORQUED ALL ROD BOLTS TO SPEC. INSTALLED ALL 6 COOLER NOZZLES AND TORQUED DOWN. USED PICKER AND WASHED AND CLEANED HEAD SURFACES AND INSTALLED WITH A NEW HEAD GASKETS. MEASURED BOLTS AND REINSTALLED AND TORQUED ALL TO 184LBS. FINISHED TORQUING HEADS DOWN AND INSTALLED TURBO DRAIN. OIL LINE, HEAT SHIELD, AIR LINE, PLUGGED IN SENSOR, INSTALLED CAC BOOT, ELBOW, RADIATOR SUPPORTS, COOLANT TUBE, VENTURI TUBE, COOLANT PIPE. PUT ENGINE TO TDC AND CLEANED AND INSTALLED ROCKER BOX, CAM SHAFTS, INJECTORS, ROCKERS AND FUEL LINES. TORQUED ALL DOWN TO SPEC. PERFORMED COMPLETE OVERHEAD AND SET JAKES. INSTALLED V/C WITH NEW GAKSET, BRACKETS, PLUGGED OF DEF TANK COOLANT LINES WITH PLUGS, TORQUED ALL MAINS COMPLETELY. INSTALLED ALL FUEL LINES WITH NEW SEAL RINGS AND TIED UP ALL WIRING. INSTALLED NEW SURGE TANK AND HOOKED ALL HOSES UP, INSTALLED NEW OIL AND FUEL FILTERS, INTAKE, CAC

STOUGHTON

KALMAR
OTTAWA

ISUZU
TRUCK

Thomas
BUILT BUSES

SIDUMP'R