

Repair Management
BY NAVISTAR

MCCANDLESS TRUCK CENTER
3780 LOSEE RD. - NORTH LAS VEGAS, NV 890303300
Phone: (1) 702-6428789 - Fax: (1) 702-6422472
Estimate Number: 4276389 - RO Number: 210792
Service Writer: Albert Juarez - Date: 3/21/2024 10:33 AM (C)

Currency: USD

50% deposit
\$12181.42
approx middle
of april.
Pd by credit
card for deposit

Unit No: 789378

KING COMMUNICATION

VIN: 3HAMSZR1EL789378
Model: 4400 SBA 6X4
Engine: MAXXFORCE 9 330HP/2200 GOV
Make: International
Delivered: 8/7/2013
In Service: 10 Years 7 Months
Mileage: 130028 Eng Hrs: 0

Recall/AFC: No

Contact Name: KING COMMUNICATION
Position: service-primary
Phone: (702) 286-2461
E-Mail: ATOOMAN@KING-COMM.NET
PO Number:

Operation (Un-Sectioned)	Labor Cost	Parts Cost	Core Charge	Total Cost
Electronic Engine Performance, Diagnose	\$398.00	\$0.00	\$0.00	\$398.00
Cpa Diag, (RCT+) Relative Compression Test Plus	\$238.80	\$0.00	\$0.00	\$238.80
In Frame Engine Overhaul, I6 (1) OVERHAUL KIT, ENGINE, 570 GREATER 300HP (1) SUSTAINABLE I334 EGR COOLER KIT (1) TUBE, TURBO OIL SUPPLY (12) BRAKE CLEANER (8) SHELL ROTELLA ANTIFREEZE, PREDILUTED 50/50, 6 - 1 GALLON JUGS (32) OIL, ENGINE, T5 15W40 CK4 BULK (1) THERMOSTAT, TEMP REGULATOR (1) GASKETS, GOSES MISC. CLAMPS ECT (6) KIT, PISTON COOLING JET	\$7,562.00	\$9,631.49	\$0.00	\$17,193.49
Diesel Particulate Filter (DPF), R & R And/Or Replace (2) DPF GASKETS	\$497.50	\$39.16	\$0.00	\$536.66
Open Breather Conversion (1) KIT DIE CAST BREATHER	\$1,293.50	\$808.56	\$0.00	\$2,102.06
Dpf Cleaning - PNEUMATIC CLEANING	\$0.00	\$0.00	\$0.00	\$259.95
Doc Cleaning - PNEUMATIC CLEANING	\$0.00	\$0.00	\$0.00	\$259.95
Battery, Replace (3) BATTERY, GROUP 31, 950 CCA, 195 RC	\$159.20	\$299.85	\$16.00	\$475.05
Radiator Repair / Cleaning - RADIATOR ROD OUT	\$0.00	\$0.00	\$0.00	\$650.00

Notes: [3/21/2024 10:33 AM] - Dealer: CHECK ENGINE LIGHT ON, PER CUSTOMER POSSIBLE INJECTORS?

[3/21/2024 11:30 AM] - Dealer: HOOKED UP LAPTOP AND CHECKED FOR CODES, RAN TRUCK AND ENGINE HAS A MISS AND ONCE TRUCK GOT TO OPERATING TEMP. COOLANT IS COMING OUT OF THR EGR CROSS OVER TUBE SET UP RCT+ TEST, RAN RCT+ TEST AND CONFIRMED ALL SIX POWER CYLINDERS FAIL, NEEDS ENGINE OVERHAUL PLUS THE EGR COOLER.

[3/21/2024 11:33 AM] - Dealer: WE ARE QUOTING, DPF AND DOC

Summary

Parts: \$10,779.06
Core: \$16.00
Labor: \$10,149.00
Other Items: \$1,169.90
Shop: \$405.96
Tax: \$1,036.06

CLEANING, THEY WILL BE INSPECTED BEFORE WE CLEAN THEM

Haz. Waste:	\$806.85
TOTAL:	\$24,362.83

*****THIS IS AN ESTIMATE ONLY, NOT AN INVOICE, DO NOT PAY FROM THIS ESTIMATE*****
This estimate is subject to teardown and inspection and is valid for 30 days from date above. I, the undersigned, authorize you to perform the repairs and furnish the necessary materials. I understand any costs verbally quoted are an estimate only and not binding. Your employees may operate vehicle for inspecting, testing and delivery at my risk. You will not be responsible for loss or damage to vehicle or articles left in it. Because of limited parking space we cannot store vehicles for lengthy periods of time. PLEASE NOTE that effective on the 6th day following completion of repairs or after submitting estimate, a \$50.00 per day STORAGE will be assessed until unit is removed.

AUTHORIZED BY: _____

DATE: __/__/__

McCANDLESS TRUCK CENTER

AURORA - GRAND JUNCTION - COLORADO SPRINGS - PUEBLO - HENDERSON - CHEYENNE

3780 LOSEE ROAD
NORTH LAS VEGAS, NV 89030

P: (702) 642-8789
F:

Please Remit Payment To:
MCCANDLESS TRUCK CENTER LLC
16704 EAST 32ND AVE
AURORA, CO 80011



INVOICE: S108210792

BILL TO
KING COMMUNICATION - T08
6275 STEVENSON WAY
LAS VEGAS NV 89120
P:

DELIVER TO
KING COMMUNICATION - T08
3780 LOSEE ROAD
NORTH LAS VEGAS NV 89030
P: (702) 286-2461

DATE ARRIVED	DATE INVOICE	SALES TYPE	ADVISOR	TERMS	PROCEDE UNIT #	CUSTOMER REFERENCE / PO	
03/12/2024		SRET	ART	CASH	246657		
YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	LICENSE PLATE #	ENG HOURS	ODOMETER
2014	INTERNATIONAL	4000 SERIES	3HAMSZR1EL789378	789378		5789	130028

CHECK FOR ENGINE LIGHT ON FOR POSSIBLE INJECTORS

CHECKED FOR ENGINE LIGHT ON, CONNECTED LAPTOP AND CHECKED FOR CODES, NO CODES PRESENT. STARTED AND RAN TRUCK, FOUND ENGINE HAS A MISS. ONCE TRUCK GOT TO OPERATING TEMPERATURE COOLANT IS COMING OUT OF THE EGR CROSS OVER TUBE. SET UP RCT+ TEST, PERFORMED RCT+ TEST AND CONFIRMED ALL SIX POWER CYLINDERS FAIL. NEEDS ENGINE OVERHAUL PLUS THE EGR COOLER. DRAINED COOLANT. REMOVED AIR CLEANER AND PIPING, CAC TUBES, HARNESS BRACKETS, AND HARNESS. RECOVERED REFRIGERANT. REMOVED BELT AND TENSIONER, IDLER PULLEY, A/C COMPRESSOR, ALTERNATOR, EXHAUST, INNER STAGE COOLER, TURBOS, EGR COOLER, EGR MIXER, FUEL FILTER HOUSING, AIR COMPRESSOR LINE, SENSOR HARNESS, FAN, FAN DRIVE, VALVE COVER, UVC HARNESS, HIGH PRESSURE OIL RAIL, INJECTORS, ROCKER SHAFT, AND VALVE BRIDGES. REMOVED CYLINDER HEAD. DRAINED ENGINE OIL. REMOVED OIL PAN AND PICK UP TUBE, BLOCK STIFFENER, ALL 6 RODS AND PISTONS. REMOVED PISTON COOLERS. CLEANED PARTS. REMOVED MAIN BEARINGS AND REPLACED. BUILT ALL 6 PISTONS. INSTALLED RODS ON ALL 6 PISTONS. INSTALLED PISTONS AND RODS WITH NEW BEARINGS. REINSTALLED BLOCK STIFFENER, PICK UP TUBE, AND OIL PAN. CLEANED CYLINDER HEAD. INSTALLED NEW EXHAUST MANIFOLD AND INTAKE MANIFOLD WITH NEW MIXER AND EGR VALVE. INSTALLED CYLINDER HEAD. REINSTALLED VALVE BRIDGES, PUSH TUBES, AND ROCKER SHAFT. PERFORMED OVERHEAD. INSTALLED ALL 6 INJECTORS. RESEALED AND REINSTALLED HIGH PRESSURE OIL RAIL. REINSTALLED VALVE COVER. REASSEMBLED REMOVED PARTS. FILLED WITH OIL AND COOLANT. REMOVED DPF AND INSPECTED, NOT BROKEN OR BURNT. REINSTALLED DPF. STARTED AND RAN ENGINE, GOT CODE FOR #1 INJECTOR. GOT OK TO REPLACE INJECTOR. ALSO, FOUND LEAK AT EGR COOLER COOLANT TUBE, NEED TO REPLACE TUBE. DRAINED COOLANT. REMOVED INNER STAGE COOLER, HARNESS AND BRACKETS, BELT, ALTERNATOR, IDLER PULLEY, COOLANT LINES, TURBO PIPE TO INNER STAGE COOLER, VALVE COVER, AND HIGH PRESSURE OIL RAIL. REMOVED AND REPLACED #1 INJECTOR. REMOVED EXHAUST, INNER STAGE COOLER, TURBOS, REAR CROSS OVER TUBE, AND EGR COOLER. REPLACED COOLANT TUBE. REASSEMBLED REMOVED PARTS. FILLED WITH COOLANT. STARTED AND RAN ENGINE, CODE NOW INACTIVE AND NO COOLANT LEAK. BROUGHT ENGINE TO OPERATING TEMPERATURE. PERFORMED AND MONITORED REGEN, GOT ACTIVE CODES FOR AFI NOT RESPONDING AS EXPECTED AND AFI FUEL PRESSURE 2 BELOW DESIRED. FOUND FUEL LINE FOR AFI LEAKING AND AFI SENSOR BIASED. NEED TO REPLACE SENSOR AND BOTH FUEL LINES. GOT APPROVAL. REMOVED INTERIOR, BOTH FUEL LINES, AND METERING BLOCK WITH SENSOR. INSTALLED NEW METERING BLOCK AND BOTH FUEL LINES. REASSEMBLED INTERIOR. STARTED AND BROUGHT ENGINE TO OPERATING TEMPERATURE. PERFORMED AND MONITORED REGEN, PASSED. NO FUEL LEAKS FOUND. SENT ON ROAD TEST.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE	
1	108N/2517041C91	KIT, ENGINE OVERHAUL 570 GREAT	4,831.99	4,831.99	T
1	108N/5012354R91	COOLER,SUSTAINABLE I334 EGR CO	3,268.99	3,268.99	T
1	108N/5012354R91-CORE	COOLER,SUSTAINABLE I334 EGR CO	600.00	600.00	T
1	108N/1885590C93	TUBE ASSY, TURBO OIL SUPPLY	214.96	214.96	T
18	108S/CRC5050	* CRC Br/kleen® Brake Parts C	5.08	91.44	T
8	108D/ZSH550041810G	COOLANTS,SHELL ROTELLA ELC NIT	18.95	151.60	T
32	108D/ZSH500010048B	T5 15W40 CK4 BULK ENGINE OIL	7.17	229.44	T
1	108N/1842130C3	THERMOSTAT ASSEMBLY	156.73	156.73	T
6	108N/1858327C91	NOZZLE,KIT PISTON COOLING JET	69.47	416.82	T
1	108N/7093618C92	BREATHER,KIT, FULL BREATHER RE	808.56	808.56	T
2	108S/ATM562.U85945	DPF Gasket IHC	19.58	39.16	T
6	108N/1841650C1	WASHER LOWER SUPPORT	3.22	19.32	T
14	108N/1842547C1	RETAINER SPACER	7.88	110.32	T
1	108N/1899904C2	TUBE ASSY EXHAUST BRAKE	202.84	202.84	T
5	108I/73219	"IMPERIALOK R 2" CRSE DISC"	3.00	15.00	T
1	FRITIN	INBOUND FREIGHT & HANDLING - GI1317402 - 869	65.00	65.00	T
12	108N/1873884C2	BOLT CONNECTING ROD	16.53	198.36	T
1	108S/KEL105	105 LUBRIPLATE	12.69	12.69	T
1	108N/7092501C95	MANIFOLD,KIT, EXHAUST MNFLD FR	2,161.90	2,161.90	T

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE	
6	108L/73219	"IMPERIALOK R 2"" CRSE DISC"	3.00	18.00	T
4	108L/73219	"IMPERIALOK R 2"" CRSE DISC"	3.00	12.00	T
1	108N/1814695C1	SEAL O-RING #213	20.89	20.89	T
1	108N/1883076C1	TUBE ASSY EBP SENSOR	77.31	77.31	T
1	108N/1841479C1	SEAL COOLANT PORT	62.77	62.77	T
2	108S/CRC5050	" CRC Br7kleen® Brake Parts C	5.08	10.16	T
1	108N/3018016C2	GASKET, HC INJ	53.68	53.68	T
1	108N/7091592C91	TRBOCHGR,KIT, TURBOCHARGER COM	395.45	395.45	T
1	108N/1889625C91	ACTUATOR,KIT TURBO WASTEGATE A	732.20	732.20	T
1	108N/1846481C92	SENSOR, PRESSURE ASM	107.72	107.72	T
1	108N/5012972R91	VALVE,SUSTAINABLE I334 EGR VAL	950.00	950.00	T
1	108N/5012972R91-CORE	VALVE,SUSTAINABLE I334 EGR VAL	150.00	150.00	T
1	108N/1889327C96	DUCT,KIT, EGR MIXING DUCT W/ S	967.90	967.90	T
1	108N/1885394C1	HARNESS ASSY ENG BOOST CONTROL	47.34	47.34	T
1	108N/62094130008	KT XMSN,VALVE, BOOST CONTROL S	296.13	296.13	T
1	108N/2516013C91	TUBE,KIT, BOOST TUBE WITH CLAM	137.87	137.87	T
2	108N/1899203C1	INSULATR,INSULATOR BOOST SOLEN	23.26	46.52	T
3	108N/FLTACMT1318	SEALING WASHER AND O-RING KIT	2.23	6.69	T
1	108N/FLTACMT1319	SEALING WASHER O-RING KIT	3.48	3.48	T
2	108L/91200	A/B UNION 1/4 PUSH IN	13.88	27.76	T
1	108N/1818693C1	BOLT M8 X 110 HEX FLGE	5.30	5.30	T
1	108N/2026730C1	CLAMP,AIR CLEANER TUBE OR PIPE	74.35	74.35	T
1	108N/2512556C92	DUCT,KIT, OPEN BREATHER CONVER	381.51	381.51	T
1	108N/7080387C92	TUBE, ASSY COOLANT RETURN	179.90	179.90	T
1	108D/TECSHC12	SILICONE	2.67	2.67	T
1	108N/5010717R91	INJECTOR, I334, 570, REMAN	848.02	848.02	T
1	108N/5010717R91-CORE	INJECTOR, I334, 570, REMAN	300.00	300.00	T
c		No core credit 108N/5012972R91-CORE - Stuck together - Damaged not apart -			T
1	108N/5011551R1	MODULE,VALVE, REMAN METERING U	633.18	633.18	T
1	108N/5011551R1-CORE	MODULE,VALVE, REMAN METERING U	120.00	120.00	T
1	108N/1891686C91	TUBE ASSY INJECTION UNIT INLET	241.16	241.16	T
1	108N/1899096C1	TUBE ASSY FEED METERING UNIT I	77.70	77.70	T
-1	108N/5010717R91-CORE	INJECTOR, I334, 570, REMAN	300.00	-300.00	T
-1	108N/5012354R91-CORE	COOLER,SUSTAINABLE I334 EGR CO	600.00	-600.00	T
1	108N/3005402C91	FITTING ASSY	45.85	45.85	T
-1	108N/5011551R1-CORE	MODULE,VALVE, REMAN METERING U	120.00	-120.00	T
	LABOR AFT	DIESEL PARTICULATE FILTER (DPF), R&R		497.50	
	LABOR ENGINE	CPA DIAG, (RCT+) RELATIVE COMPRESSION TEST PLUS		238.80	
	LABOR ENGINE	OPEN BREATHER CONVERSION		1,293.50	
	LABOR ENGINE	OVERHAUL ENGINE		7,562.00	
	LABOR WARN	CHECK AND ADVISE ON ENGINE WARNING LIGHT ON		398.00	

JOB SUBTOTAL: \$29,598.43

DOWNPAYMENT

CUSTOMER PAID DEPOSIT OF \$12181.42 BY CREDIT CARD ON 3/27/24.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
-1	Deposit	Application of Customer Deposit	12,181.42	-12,181.42

JOB SUBTOTAL: \$-12,181.42

ROAD TEST

ROAD TESTED, PASSED.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR ROAD TEST	ROAD TEST		0.00

JOB SUBTOTAL: \$0.00

PICKED UP BY _____

DATE _____

Please Note: Prices are only valid for 30 days after quote date.

LABOR	\$9,989.80
PARTS	\$19,543.63
MISC	\$65.00
SHOP SUPPLIES	\$399.59
EPA CHARGE	\$794.19
SUBTOTAL	\$18,610.79
TAX	\$1,742.20
TOTAL	\$20,352.99

T = Taxable Item