

INVOICE

Date 01/19/17
Date Open 12/30/16

Page: 1 of 3

Ship To :

Sold To :

KS 66507 USA

Written By		Terms	Time	Customer Po #	Promised	Phone	Ship Via
		CHG	09:40:00				
Unit #	Plate #	Year	Make	Model	Mileage/Hrs	VIN	Engine
368		2000	STERLING	DUMP TRUCK	350519/0.0	YAG10368	

Qty	Description	Price	Amount
	Complaint : AUTO TRANSMISSION IS GRINDING. PULL TRANS AND CONVERT TO MANUAL.		
	Correction : REMOVED ALL NECESSARY COMPONENTS TO GAIN ACCESS TO TRANSMISSION FOR REMOVAL. ONCE ACCESS WAS GAINED, DRAINED TRANSMISSION OF IT'S FLUID AND REMOVED TRANSMISSION FROM TRUCK AND HANDED OVER TO GEAR SHOP FOR INSPECTION AND MODIFICATIONS. WHILE GEAR SHOP MODIFICATIONS WERE BEING PERFORMED, WE MADE ALL NECESSARY MODIFICATIONS ON TRUCK REQUIRED FOR CONVERTING TRUCK TO A MANUAL. RAN ALL REQUIRED WIRING AND REQUIRED AIR LINES AND INSTALLED SHIFT TOWER. AFTER GEAR SHOP MODIFICATIONS WERE PERFORMED, REINSTALLED TRANSMISSION BACK INTO TRUCK. FILLED WITH FLUID TO PROPER FILL LEVEL. REINSTALLED ALL REMOVED COMPONENTS. TEST DROVE AFTER REPAIRS WERE FINISHED. TRANSMISSION PERFORMED NORMALLY WITH NO ISSUES.		
1.000	HTCREPAIR RTX16709A. GEARSHOP REPAIR WITH 90 DAY WARRANTY ON PARTS AND LABOR PERFORMED BY HOYT'S TRUCK CENTER. CONVERTED AUTOSHIFT OVER TO A MANUAL 10 SPEED. REMOVED ALL ELECTRONICS AND SHIFT TOP. SYNCRO TEETH APPEARED TO HAVE BEEN GRINDING. REMOVED BACK BOX AND FOUND SYNCRO FACING COMPLETELY WORE OFF. INSTALLED AUX DRIVE GEAR, SYNCRO RINGS AND CLUTCH HUB. REINSTALLED BACK BOX AND ADJUSTED BEARING PRELOAD. INSTALLED REBUILT MANUAL SHIFT TOP. DRILLED AND MACHINED CASE TO INSTALL SLAVE VALVE AND CUSTOM SLAVE PIN. INSTALLED SLAVE VALVE, AIRFILTER REGULATOR, RANGE CYLINDER AND REAR COVER, RAN ALL AIR LINED AND TESTED.		

Parts.....
 Labor.....
 Shop Supplies

This invoice is due upon receipt, otherwise a late fee will be assessed. Thank You.

Sub Total
Sales Tax....

Authorized By _____

TOTAL **Continu**

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Date

01/19/17

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Page: 2 of 3

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ChrisTerms
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Unit #
368

Plate #

Year
2000Make
STERLINGModel
DUMP TRUCKMileage/Hrs
350519/0.0VIN
YAG10368

Engine

Qty	Description	Price	Amount
	WO# I 1581		
1.000	BUYPB10 PUMP SUPPORT KIT		
4.000	MMM08880 BRAKLEEN		
1.000	EAT127760 CLUTCH BRAKE		
1.000	MUN13T38541 SHIFT COVER GSKT		
1.000	NEWS2519 SHIFT LEVER HOUSING		
1.000	FULA6909 RANGE VALVE SHIFTER		
2.000	NFC71665 A/B MALE CONNT. 5/32 X 1/16		
1.000	SLO5/32SYN 5/32" AIRLINE		
1.000	PACK042-45 SHIFT BOOT KW		
2.000	SPI250-70-18X STRAP AND BOLT KIT		
2.000	NFC31150 BLUE BUTT CONNEC		
		SubTotal	
Complaint : AIR LEAK BACK OF CAB AND ON FIREWALL OF CAB			
Correction : UPON INSPECTION OF AIR LEAKS, WE FOUND FITTINGS LEAKING ON THE DRIVER SIDE CAB AIR BAG. RESEALED FITTING AND NO MORE LEAKS WERE PRESENT THERE. ALSO FOUND FITTING LEAKING AT AIR TANK, WHICH REQUIRED A NEW FITTING TO BE INSTALLED AND NO MORE LEAKS WERE PRESENT THERE. LASTLY, WE FOUND THAT THE BRAKE MANIFOLD IS LEAKING AIR. REMOVED AND REPLACED WITH NEW, TESTED FOR AIR LEAKS,			

Parts.....
Labor.....

Shop Supplies

Sub Total
Sales Tax....

TOTAL

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BILL TO

INVOICE #

DATE 09/14/2020

DUE DATE 09/14/2020

TERMS Due on receipt

ACTIVITY	QTY	RATE	AMOUNT
Labor Sterling I9500 dump truck 2WS26622 3406E Came in after Foley looked at it and found a dropped valve in Number 1 cyl Tore engine down and found crank good, but cam damaged. Put together a quote on repairing for around \$23500 and Gary wanted it fixed. Ordered all CAT parts, ordered an overhaul kit, an exhaust manifold center section, a new cam and rockers. Measured liner protrusion and they were .004 above deck making it not necessary to counterbore. Performed complete inframe overhaul. Replaced the main bearings, liners, pistons, rods (PACKS), rod bearings, oil pump, Cylinder head, injectors, cam and rockers, water pump, thermostats etc. Programmed injector codes. used new oil and fuel filters. After the engine was running, we noticed the engine light would flash while the engine brake was used. Found solenoid for 3-4 brake was shorted. Replaced solenoid and it worked well. Also had to have a new flange welded onto the downpipe at the turbo. Repaired an air leak to the service brakes along frame. Truck ran well.	50		
Engine overhaul kit	1		
cost includes cores, Cores credited below.			
Core piston pack	6		
Core injector	6		
Core cylinder head	1		
Exhaust manifold	1		

ACTIVITY	QTY	RATE	AMOUNT
camshaft	1		
w/rockers			
Core	1		
camshaft and rockers			
SCR Charged coolant Freightliner	12		
50/50 premix			
Engine oil	12		
Cooling Fan	1		
filter cover	1		
hose	1		
coolant			
hose	1		
air			
fittings	1		
air			
flange	1		
exhaust			
fan shroud	1		
Shop supplies	1		
cleaning supplies, towels brake clean etc			
Part	1		
Engine brake solenoid			
Parts	1		
air filter latches			
battery	3		
31-MHD INTERSTATE			
wiper	2		
Blower motor resistor	1		
fuel filter	1		
SUBTOTAL			
TAX			0.00
TOTAL			
PAYMENT			
BALANCE DUE			\$0.00

INVOICE

BILL TO

INVOICE #

DATE 02/24/2021

DUE DATE 03/26/2021

TERMS Net 30

ACTIVITY	QTY	RATE	AMOUNT
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Labor

16

LT9500 STERLING 3406E

Customer wanted truck serviced up. First service since engine work done last year.

CHECKED/RAN OVERHEAD overhead was good.

Changed engine oil and filter, performed oil analysis.

Changed fuel filters

Changed old coolant heater shutoff valves to ball valves

Changed brakes on front drive axle.

Truck had several air leaks not allowing the truck to hold air for long. Found and air leak on the air line to the drop axle.

Spliced a repair into it.

Drop axle was not coming up fast. Found air line on passenger side twisted and pinched keeping it from coming up. repaired that

Found the quick release valve on the drop axle leaking air constantly. Replaced that.

Dash tractor air brake release valve was leaking pretty bad also, replaced that

Fittings at foot brake valve were leaking bad so ordered but did not come in in time to get replaced.

The driveline carrier bearing was bad so replaced that.

Replaced 2 bolts on driveline connection at front axle.

Ran dump bed up and cylinder looked good, no leaks.

Hydraulic tank appeared low on fluid and has some leaking at the connections.

Front driver side steer hub cover was cracked, replaced that.

Topped off both front steer hubs.

Checked fluids in all axles and drop axle hub and transmission.

Secured some wiring that was hanging down.

Starter was dragging and not cranking sometimes. Checked batteries and found one was bad. Replaced that battery (warranty).

PAID

ACTIVITY

QTY

RATE

AMOUNT

Starter still clicked alot and did not engage. Replaced starter and that resolved that issue.

Customer said the speedometer was not always working. We pulled it and found the needle bent and dragging on the glass. Straightened and that seemed to fix that.

Customer said cruise control was not working. Hooked up computer and observed cruise switches etc. Found the on off switch was not working. Ordered switch and replaced. Also found rub spots in the clock spring that will need taken care of at some point.

Steering drag link on passenger side was coming apart. Replaced that.

Customer said that coolant temp would rise a little on hills and backing up. Checked over radiator and removed ATAAC and condenser. Radiator seemed clean and no issues.

Found fins on about 1/3rd of the ATAAC bend over and blocking air. Straightened fins and reinstalled everything.

Passenger side fuel tank bracket had a good crack in it. Welded the crack to keep it from spreading.

Passenger side tire on drop axle was low. Aired up and found leak at the valve stem nut. Tightened and it held air.

filter fuel

1

CAT

1

filter oil

11

CAT

Engine oil 15W-40 DEO

1

Coolant filter

2

valves

1

fittings

1

fuel filter

2

SCR Charged coolant Freightliner

50/50 premix

1

Drag link

1

Carrier bearing

2

bolts

1

fittings

for splice

1

quick release valve

1

Dash air valve

1

Switch

cruise on off

1

Starter

2

brake shoes 4707

1

hub cap

1

gear oil

1

PAYMENT

BALANCE DUE

\$0.00

INVOICE

BILL TO

Mc

INVOICE #

DATE 10/01/2021

DUE DATE 10/31/2021

TERMS Net 30

ACTIVITY	QTY	RATE	AMOUNT
Labor	3		
Sterling Dump truck			
Made a field call to the truck			
Down pipe broke and hit a coolant line causing hot water to scald a couple air lines and cause them to leak also. Exhaust had insufficient hangers causing the turbo flange to crack and allow the pipe to fall. Was able to get coolant line replaced and tie up exhaust. Had to go back to shop to get correct air fitting to get the truck to hold air.			
Coolant	6		
fittings	2		
Coolant hose	1		
Labor	8		
Customer got the truck to the shop and we ordered a downpipe, clamp and hangers. Drained out the coolant and installed the correct type and amount. Repaired air leak under dash and seat.			
SCR Charged coolant Freightliner	11		
50/50 premix			
Downpipe	1		
Exhaust clamp	1		
bracket	1		
bracket	1		
band clamp	2		

PAYMENT

BALANCE DUE

\$0.00

INVOICE

BILL TO

INVOICE #

DATE 02/23/2024

DUE DATE 03/24/2024

TERMS Net 30

ACTIVITY	QTY	RATE	AMOUNT
Labor	5		
Sterling dump truck, C15			
2FZXEXYB9YAG10368			
Replaced radiator			
radiator	4		
clamp			
PAID			
SUBTOTAL			0.00
TAX			
TOTAL			
PAYMENT			
BALANCE DUE			\$0.00

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INVOICE #

DATE 04/03/2023

DUE DATE 05/03/2023

TERMS Net 30

ACTIVITY	QTY	RATE	AMOUNT
Labor	8		
Sterling dump truck, C15 2FZXEXYB9YAG10368 397100mi Truck came in for Pto not working properly. Looked into it and found the pto combination valve was not working correctly. Replaced with different style after speaking with the customer. Checked for a coolant leak and found upper radiator hose clamp needed tightened up a bit. Also noticed engine brake was not consistent. Found the switch needed replaced. replaced switch and it worked properly.			
Switch	1		
w/shipping			
valve	1		
PTO COMBINATION			

Township no tax

SUBTOTAL

TAX

TOTAL

PAYMENT

BALANCE DUE

\$0.00

INVOICE

BILL TO

INVOICE #

DATE 04/26/2024

DUE DATE 05/26/2024

TERMS Net 30

SUBTOTAL
TAX
TOTAL
PAYMENT
BALANCE DUE

ACTIVITY	QTY	RATE	AMOUNT
Labor	16		
Sterling dump truck, C15 2FZXEXYB9YAG10368 400730mi Truck came in pushing coolant. Ran tests and it only happened under load. Suspected head gasket or cracked head. Customer said to proceed and check the issue more. Removed the cylinder head and found it had small cracks in it. Used protrusion kit and measured the liner protrusion. Everything was still exactly .004 in protrusion. Everything otherwise looked very clean. Consulted with customer and they said to put another cylinder head on the engine and use OEM CAT. Swapped cam and everything from old head to the new head. Installed a REMAN Cat head on the engine and used new head bolts, gaskets etc. Installed all other removed components. Put a thread repair insert in the valve cover riser in a hole that was not snugging down allowing an oil leak. After everything was installed the engine ran great. No coolant was pushing under load.			
Cylinder head	1		
20R2645 Caterpillar 1yr warranty			
Core	1		
core credit	1		
head gasket	1		
Injector orings	6		
gasket maker	1		
head bolts	16		
head bolts	10		

PAID