

Date

05/22/2023

Customer Service Issue # 4

Com: Has issue starting with the key

Cause: Bed lift neutral safety

Fix: Checked the starting issue, found the unit will not start with the key unless you wiggle the shifter, checked the shifter and found ok but the dump hoist controller was missing the neutral detent. Checked parts and the detent was not available without getting the controller, the customer order the part. Installed dump bed controller and reinstalled the interior. Checked the operation ok at this time.

Note:

Type	Description	Total
Labor Shop	Shop	5.0000 130.00 0.00% \$650.00
Subtotal		\$650.00

Customer Service Issue # 5

Com: Front suspension struts leaking

Cause: Wear over time

Fix: Raised and blocked machine, removed front tires and inner fenders. Had to cut out strut pins to remove the struts. Removed front struts, disassembled, cleaned and inspected for reuse. Ordered parts. Resealed and assembled the struts, installed them on the unit, added oil, charged the shocks, removed the charge lines, installed the caps, reinstalled the inner fenders and tires.

Note:

Type	Description	Total
Labor Shop	Shop	12.0000 130.00 0.00% \$1,560.00
Labor Shop	Shop	12.0000 130.00 0.00% \$1,560.00
Item 4160092A	KIT	2.0000 135.66 0.00% \$271.32
Item 1745641A	PIN UPPER	2.0000 159.68 0.00% \$319.36
Item 1745640A	PIN LOWER	2.0000 180.56 0.00% \$361.12
Misc. Outside Labor	cylinder work	1.0000 687.54 0.00% \$687.54
Item 7S-5106	AIR CHUCK	1.0000 182.76 0.00% \$182.76
Item 1S-8938	CHUCK	2.0000 98.30 0.00% \$196.60
Subtotal		\$5,138.70

Customer Service Issue # 6

Com: Exhaust broken on engine

Cause: Pipe blown out leaking exhaust

Fix: Removed and replaced broken exhaust pipe and support brackets.

Note:

Type	Description	Total
Labor Shop	Shop	2.0000 130.00 0.00% \$260.00
Subtotal		\$260.00

Printed:2/21/2024 3:56 PM

Page 3 of 4 Pages

[Redacted]

Date
05/22/2023

Repair Totals						
Warranty	Parts:		Labor:		Misc:	PreTax Subtotal:
Internal	Parts:		Labor:		Misc:	PreTax Subtotal:
Customer	Parts:	\$4,313.88	Labor:	\$24,856.00	Misc:	\$5,608.12
						PreTax Subtotal:
						\$34,778.00
						Total Due from Customer:
						\$35,070.05

Cash	Check	Check #	CC	CC Type	On Acct.	Mfg Credit	CIT	Deposit	Other
\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

[Redacted]

Summary of Charges

[Redacted]	
\$35,070.05	PAY THIS AMOUNT
\$0.00	Amount Tendered
\$0.00	Change Due

Customer Signature Date

Exempt Tax Cert #:
Expiration Date:

Printed: 2/21/2024 3:56 PM

Time 11:13 Due Date 5/21/2023

Repair Order

Customer

Memo

RO#	CLA-10828		
RO Date	5/22/2023		
Miles	In 0.0	Out 0.0	
Hours	In 10785.0	Out 10785.0	
Service Writer			
Serial#	CAT00730VB1M02784		
Yr Make Model	2011 CAT 730		
Description	Articulated Dump Truck		
License			
Fleet#	OR-02		
In Service Date	12/31/9999		

Customer Service Issue # 1

Com: Transmission out

Cause: Wear over time

Fix: Used excavator to drag the machine into the shop. Truck will not move under its own power. Blocked machine up. Drained coolant, discharged A/C, disconnected electrical and hydraulic hoses, and removed the cab per Service manual. Disconnected electrical and hydraulic lines, coolant tubes. Disconnected drive shaft. Removed transmission oil cooler, radiator, flex plate bolts, transmission bell housing bolts and removed transmission drop box assembly. Transmission was rebuilt and shipped back to the shop. Crane was used to sit the transmission in the truck. Torque converter installed, connected transmission bolted in with new mounting bolts, hooked up the drive line, installed pumps with new o rings, cleaned bolt holes, hooked up cooler lines, mounted the ECM, connected the electrical harness, installed the transmission oil cooler and connected lines. Installed the radiator, set cab on. Installed transmission filler on the front of the motor and transmission. Connected radiator and air lines. Connected cab hoses and electrical. Filled transmission with oil. Filled coolant. Started the machine. Moved inside shop. Checked bolts and tied up all wiring. Installed brackets, heater hoses and A/C lines. Modified the belly pans by welding new brackets to install. Installed belly pans. Installed battery covers. Tightened belly pan bolts. Ran machine. Checked for leaks. Charged ac with nitrogen. Checked for leaks and dropping pressure. Pulled vacuum and filled with r134. Reinstalled battery cover and cab side cover.

Note:

Type	Description	Total
Labor Shop	Shop	135.0000 130.00 0.00% \$17,550.00
Labor Shop	Shop	5.0000 130.00 0.00% \$650.00
Misc. Outside Labor	sublet labor	1.0000 3605.77 0.00% \$3,605.77
Item 1753184A	VALVE	6.0000 83.68 0.00% \$502.08
Item 6V5003A	BSHG	4.0000 62.58 0.00% \$250.32
Item 6V5839A	WASHER	4.0000 0.35 0.00% \$1.40
Item 1143361A	SEAL	6.0000 2.17 0.00% \$13.02
Item 7F2122A	SEAL	4.0000 0.77 0.00% \$3.08
Item 8C3229A	RING	4.0000 4.85 0.00% \$19.40
Misc. Freight		1.0000 56.52 0.00% \$56.52
Misc. Outside Labor	radiator cleaned and tested	1.0000 615.38 0.00% \$615.38
Item 2S-0795	GASKET	2.0000 10.49 0.00% \$20.98
Item 9Y-6089	GASKET	1.0000 8.82 0.00% \$8.82
Item 7N-0718	SWITCH	1.0000 166.71 0.00% \$166.71
Item 103-5796	PIN	4.0000 12.22 0.00% \$48.88
Item 3J-6933	GASKET	2.0000 8.91 0.00% \$17.82
Item 108-1781	BOLT	8.0000 11.02 0.00% \$88.16

Printed:2/21/2024 3:56 PM

Date

05/22/2023

Item	185219	STRETCH WRP	1.0000	46.12	0.00%	\$46.12
Item	185-7821	HOSE	1.0000	202.23	0.00%	\$202.23
Item	9U-0297	HOSE	1.0000	202.58	0.00%	\$202.58
Misc.	Misc Part	NIPPLES	1.0000	17.91	0.00%	\$17.91
Item	R70382	1/4" HOSE	6.0000	11.25	0.00%	\$67.50
Item	1768102	CLAMP	1.0000	77.50	0.00%	\$77.50
Item	TLC500S	EXHAUST CLAMP	1.0000	15.21	0.00%	\$15.21
Misc.	Outside Labor	Wash and Detail cab	1.0000	325.00	0.00%	\$325.00
Misc.	CONSUMABLES		1.0000	300.00	0.00%	\$300.00

Subtotal \$24,872.39

Customer Service Issue # 2

Com: Complete PM
Remote oil filter lines leaking engine oil

Cause: Service due
Oil lines dry rotten on filter housing

Fix: Refill engine oil and filter.
Check transmission oil and filter.
Check hydraulic oil and filter.
Replace cabin air filters.
Remove and replace Engine air filters.
Check coolant level and freeze protection.
Check and clean battery cable connections.
Grease machine.
Check axle oils/planetary oil.
Reset hour meter.

Oil filter housing removed lines removed and replaced with new hoses supplied by customer.

Note:

Type	Description	Total
Labor Shop	Shop	11.5000 130.00 0.00% \$1,495.00
Item 33640	FUEL FILTER	1.0000 34.63 0.00% \$34.63
Item 33606	FUEL FILTER	1.0000 44.55 0.00% \$44.55
Item FINAL 50/50	Final Charge ELC 50/50 AF	22.5000 19.24 0.00% \$432.90
Item G25100-0408	FITTING	2.0000 19.23 0.00% \$38.46
Item G25200-0404	4G4FSX FITTING	2.0000 20.77 0.00% \$41.54
Item 51792	FILTER	1.0000 25.62 0.00% \$25.62
Item 42803NP	AIR FILTER	1.0000 104.20 0.00% \$104.20
Subtotal		\$2,216.90

Customer Service Issue # 3

Com: Torque rod bushings on rear axle broken

Cause: Wear over time bushings broken

Fix: Removed the rear most track arm, cut and knocked out the old bushings. Cleaned all parts, pressed in the new bushings, reinstalled the torque arm aligned the rear of the truck and installed the bushings.

Note:

Type	Description	Total
Labor Shop	Shop	8.7000 130.00 0.00% \$1,131.00
Item 148-5563	BUSHING	2.0000 241.12 0.00% \$482.24
Item 8T-7505	BOLT	1.0000 26.77 0.00% \$26.77
Subtotal		\$1,640.01

Printed: 2/21/2024 3:56 PM

Page 2 of 4 Pages

Date	7/24/2023	Terms	PAID
Time	15:07	Due Date	8/23/2023

RO#	CLA-10950		
RO Date	7/13/2023		
Miles	In	0.0	Out 0.0
Hours	In	99.0	Out 990.0
Service Writer			
Serial#	CAT00730VB1M02784		
Yr Make Model	CAT 730		
Description	Articulated Dump Truck		
License			
Fleet#			
In Service Date	12/31/9999		

Memo

Customer Service Issue # 1

Com: Complete Rebuilt Transmission
Cause: Major internal damage to transmission
Fix: Transmission Overhaul

Note:

Mech	Type	Description			Total
Misc.	Misc Part		1.0000	30000.00	0.00% \$30,000.00
					Subtotal \$30,000.00

Customer Service Issue # 2

Com: Suspension Parts to Rebuild front Struts New struts price 11,000 X 2 = 22,000
Cause: Blown Front Struts
Fix: Parts needed to rebuild front struts

Note:

Mech	Type	Description			Total
Misc.	Misc Part		1.0000	5000.00	0.00% \$5,000.00
					Subtotal \$5,000.00

Printed:7/24/2023 2:41 PM

Date
07/24/2023

Repair Totals						
Warranty	Parts:		Labor:		Misc.:	PreTax Subtotal:
Internal	Parts:		Labor:		Misc.:	PreTax Subtotal:
Customer	Parts:		Labor:		Misc.:	PreTax Subtotal:
					\$35,000.00	
						Sales Tax:
						Total Due from Customer:
						\$37,215.50

Summary of Charges

	Taxable
	Non-Taxable
	Subtotal
	Sales Tax
\$37,215.50	PAY THIS AMOUNT
\$37,215.50	Amount Tendered
\$0.00	Change Due

Customer Signature

Date

Exempt Tax Cert #:

Expiration Date:

Printed: 7/24/2023 2:41 PM