

Heavy Squad Mechanical Ltd

1110 - 4316 64ave SE

calgary AB T2C2B3

+14039734993

heavysquadmechanical@hotmail.com

GST/HST Registration No.:

774457113RT0001

**INVOICE****BILL TO**

NU GEN TRANSPORT CORP

P.O BOX 10059 RPO

RIVERBEND

CALGARY AB T2C5E2

INVOICE # 8377**DATE 22/07/2025****DUE DATE 22/07/2025****TERMS Due on receipt**

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	TAX	AMOUNT
19/07/2025	CVIP	SAFETY INSPECTION.	1	350.00	GST	350.00
19/07/2025	WHEEL & STUD CLEAN	CLEAN ALL WHEELS & WHEEL STUDS WITH WIRE WHEEL. CHECKED/ADJUSTED TIRE PRESSURE ON ALL WHEELS.	1	62.50	GST	62.50
19/07/2025	LABOUR	REMOVE & INSTALLED NEW EXHAUST BELLOWS PIPE & EXHAUST PIPE BETWEEN BELLOWS & TURBO OUTLET.	1	125.00	GST	125.00
19/07/2025	PARTS	OEM EXHAUST PIPE.	1	557.99	GST	557.99
19/07/2025	PARTS	OEM BELLOWS PIPE.	1	1,051.25	GST	1,051.25
19/07/2025	PARTS	OEM CLAMP.	1	21.60	GST	21.60
19/07/2025	PARTS	OEM GASKET.	1	24.63	GST	24.63
19/07/2025	LABOUR	REMOVE & INSTALLED #3 AXLE BOTH SIDE S-CAM TUBE HOLD CLAMP AS OLD ONES WERE LOOSE.	0.50	125.00	GST	62.50
19/07/2025	PARTS	HOLD CLAMP.	2	9.33	GST	18.66
19/07/2025	LABOUR	REMOVE & INSTALLED DRIVE AXLE RIDE HEIGHT CONTROL VALVE & LEVELING ROD AS OLD ONE WAS BENT & BROKEN.	1	125.00	GST	125.00
19/07/2025	PARTS	OEM RIDE HEIGHT CONTROL VALVE.	1	269.70	GST	269.70

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	TAX	AMOUNT
19/07/2025	PARTS	LEVELING ROD.	1	27.44	GST	27.44
19/07/2025	PARTS	AIR FITTING.	2	3.99	GST	7.98
19/07/2025	PARTS	AIR FITTING.	1	5.10	GST	5.10
19/07/2025	PARTS	AIR FITTING.	1	3.80	GST	3.80
19/07/2025	PARTS	HARDWARE.	1	4.15	GST	4.15
19/07/2025	LABOUR	ADJUST 5TH WHEEL.	0.50	125.00	GST	62.50
22/07/2025	LABOUR	DIAGNOSE & REPAIR FOR UNIT NOT STARTING. REMOVE & INSTALLED CUSTOMER SUPPLIED STARTER SOLENOID SWITCH. UNIT STARTS NORMALLY NOW. 687,959KMS	2.50	125.00	GST	312.50
22/07/2025	PARTS	HARDWARE.	1	14.76	GST	14.76

2022 KENWORTH T880	SUBTOTAL	3,107.06
1XKZD49X9NJ984287	GST @ 5%	155.38
687,277 KMS	TOTAL	3,262.44
A-47992 (AB)	BALANCE DUE	\$3,262.44
UNIT# 102		

ALL WHEELS AND U-BOLTS SHOULD BE RE-TORQUED AFTER 100 KM. IF THEY BEEN REMOVED.

TAX SUMMARY

RATE	TAX	NET
GST @ 5%	155.38	3,107.06



GREATWEST KENWORTH LTD

292217 Prime Ave.
Balzac, AB. T4B 2T3
(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE
Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5007032

Date: 05-12-25

403 265-0810

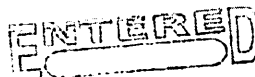
403 265-0810

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9NJ984287		656488	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
CPL/ARRG	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
9129.0			102	05-08-25 / 12:56PM	05-08-25	dav*LUC
Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA					

Tax ID Date: Tax ID:

- 1 CUSTOMER PAY CLUTCH KIT AND PILOT BEARING
CAUSE:
CLUTCH IS WORN OUT.



CORRECTION:

514- CLUTCH IS OUT OF WARRANTY. CLUTCH FINGERS ARE BELOW THE MINIMUM THICKNESS. CUSTOMER APPROVED REPLACING THE CLUTCH AND PILOT BEARING. UNBOLTED THE CLUTCH AND REMOVED THE FLYWHEEL AS WELL TO GET THE OLD PILOT BEARING OUT. PUT A NEW PILOT BEARING IN AND REINSTALLED THE FLYWHEEL. REMOVED THE FRONT CRANKCASE BREATHER RESONATOR TO GET ACCESS TO THE ACCESSORY DRIVE TO BAR THE ENGINE OVER. TORQUED ALL FLYWHEEL BOLTS TO SPECS. INSTALLED THE NEW CLUTCH AND TORQUED ALL BOLTS TO SPECS. REINSTALLED THE CRANKCASE BREATHER RESONATOR. ATTACHED PHOTOS OF THE OLD AND NEW CLUTCH SERIAL NUMBERS.

TOTAL LABOR 378.00
TOTAL PARTS 3,508.13

Qty	Part Number	Description	Unit	Extended
1	E74-1021	ENDURANT DIAPHRAGM SPRING	3,483.30	3,483.30
1	E08-1006	BEARING - TMSN PILOT	24.83	24.83
SHOP SUPPLIES			37.80	

G.S.T. - REG. NO. R139766661RT0001 5 % OF 3,923.93 = 196.20

CUST MECH LAB-BZKW 378.00
PARTS CUST R/O-BZKW 3,508.13
SHOP SUPPLIES-BZKW 37.80
G.S.T. R139766661RT000 196.20
11855 CHARGE 4,120.13



KENWORTH

GREATWEST KENWORTH LTD

292217 Prime Ave.

Balzac, AB. T4B 2T3

(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE

Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5005346

Date: 10-15-24

403 265-0810

Page 1 of 1

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9N984287		568186	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.58	D40-172P HN08041862	HN08041245		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
7850.0				10-08-24 / 11:38AM	10-10-24	luc*BAD

Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA
------	--

Tax ID Date: Tax ID:

- 2 REPLACE RIGHT HAND STALK [24KWE] TRUCK INTERMITTENTLY NOT STARTING
CAUSE:

PRIMARY AND SECONDARY SHIFT DEVICE FAULTS. COULD ALSO BE RELATED TO
NOT STARTING ISSUE IF THE UNIT CAN NOT DETECT NEUTRAL.

CORRECTION:

506- CONNECTED UNIT TO SERVICE RANGER. FOUND FAULTS FOR PRIMARY AND
SECONDARY SHIFT DEVICE FAULTS. CHECKED 24KWE RECALL CHASSIS LIST AND
FOUND UNITS SERIAL NUMBER ON THE LIST. REMOVED PLASTIC TRIM AROUND
STEERING WHEEL AND REMOVED SHIFT STOCK. INSTALLED NEW SHIFT STOCK AND
SECURED HARNESS. REINSTALLED TRIM AND CLEARED FAULTS. TESTED SHIFT
STOCK OPERATION. SHIFT STOCK FUNCTIONS GOOD. PHOTOS OF SERIAL NUMBERS
ATTACHED TO CASE.

CU-2840314

>> WARRANTY PENDING <<

Qty	Part Number	Description
1	Q21-6155-211X	SHIFT CONTROL-RND 4POS EN
1	Q21-6155-211X#	CORE

PLEASE PAY THIS TOTAL

0.00

I ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR ALL COST INCURRED TO DIAGNOSE, ROAD TEST, DISMANTLE AND REASSEMBLE MY UNIT IF NO FAULT CAN BE FOUND.

THE MANUFACTURER WARRANTY CONSTITUTES ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF THIS ITEM/ITEMS. THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER
EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON
TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS ITEM/ITEMS.

GREATWEST KENWORTH LTD. MAKES THE LIMITED WARRANTY COVERING ANY DEFECT IN WORKMANSHIP OR MATERIAL FURNISHED IN CONNECTION WITH THIS REPAIR ORDER FOR A PERIOD OF
THIRTY (30) DAYS FROM THE DATE OF DELIVERY OF SAID MOTOR VEHICLE TO THE CUSTOMER/OWNER, OR 16,000 KILOMETERS WHICHEVER OCCURS FIRST.

IT IS UNDERSTOOD THAT A LIEN MAY BE PLACED THEREON FOR THE AMOUNT DUE IN CASE THE VEHICLE REPAIRS ARE NOT PAID IN FULL.

Customer: X _____ Date: _____

BALZAC -- CALGARY -- CLAIRMONT -- FOX CREEK -- LETHBRIDGE -- MEDICINE HAT -- RED DEER



GREATWEST KENWORTH LTD



5909 6TH STREET S.E.
CALGARY, AB T2H 1L8
(403) 253-7555

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE
CALGARY, AB T2C2B3

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE
CALGARY, AB T2C2B3

CUSTOMER INVOICE
Work Order
SC1033895

Date: 07-23-24

403 265-0810

403 265-0810

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9NJ984287	OUT FRONT	531416	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
CPL/ARRG	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
7361.0			NEIL0723	07-20-24 / 09:00AM	07-20-24	MIC*DAR
Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA					

Tax ID Date: Tax ID:

- 1 COMPLETE VALVE SET
CAUSE:
VALVE SET- AS PER CUSTOMER REQUEST.

CORRECTION:

8852- REMOVED AIR FILTER ASSY. EGR CROSSOVER PIPE HOLDING CLAMP WAS BROKEN. REMOVED EGR CROSSOVER PIPE AND VALVE COVER.- REMOVED AIR COMPRESSOR MUFLER TO ACCESS TO TURN THE ENGINE.- PERFORMED FULL OVERHEAD SET AND TORQUE ALL NUTS AND SCREWS TO THE SPEC.- INSTALLED VALVE COVER BACK WITH NEW GASKET AND TORQUED TO SPEC.- INTSALLED EGR CROSSOVER PIPE WITHOUT HOLDING CLAMP, NOT IN STOCK AS OF NOW. - INSTALLED AIR FILTER ASSY AND AIR COMPRESSOR MUFLER.

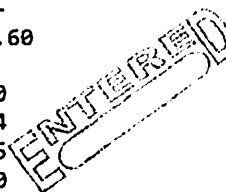
TOTAL LABOR 696.50
TOTAL PARTS 125.94

Qty	Part Number	Description	Unit	Extended
1	3104392CUM	GASKET, VALVE COVER	90.65	90.65
1	3687051CUM	CARRIER-SEAL	35.29	35.29

SHOP SUPPLIES 69.65

G.S.T. - REG. NO. R139766661 5 % OF 892.09 = 44.60

CUST MECH LAB-CAL 696.50
PARTS CUSTOMER R/O-CAL 125.94
SHOP SUPPLIES-SHOP A 69.65
G.S.T. R139766661 44.60
11855 CHARGE 936.69



Heavy Squad Mechanical Ltd

1110 - 4316 64ave SE

calgary AB T2C2B3

+14039734993

heavysquadmechanical@hotmail.com

GST/HST Registration No.:

774457113RT0001

**INVOICE****ENTERED****BILL TO**

NU GEN TRANSPORT CORP

P.O BOX 10059 RPO

RIVERBEND

CALGARY AB T2C5E2

INVOICE # 7819**DATE** 15/07/2024**DUE DATE** 15/07/2024**TERMS** Due on receipt

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	TAX	AMOUNT
	CVIP	SAFETY INSPECTION.	1	350.00	GST	350.00
	WHEEL & STUD CLEAN	CLEAN ALL WHEELS & WHEEL STUDS WITH WIRE WHEEL. CHECKED/ADJUSTED TIRE PRESSURE ON ALL WHEELS.	1	62.50	GST	62.50
	LABOUR	REMOVE & INSTALLED #3 AXLE BOTH SIDE BRAKE CHAMBER.	2	125.00	GST	250.00
	PARTS	OEM BRAKE CHAMBER.	2	129.00	GST	258.00
	PARTS	HARDWARE.	1	0.00	GST	0.00
	LABOUR	REMOVE & INSTALLED TRAILER ELECTRICAL CORD PLUG. SECURED TRAILER AIR HOSES & ELECTRICAL CORD.	0.75	125.00	GST	93.75
	PARTS	ELECTRICAL CORD PLUG.	1	15.27	GST	15.27
	PARTS	HARDWARE.	1	5.13	GST	5.13

2022 KENWORTH T880
1XKZD49X9NJ984287
527,304 KMS
A-47992 (AB)
UNIT# 102

SUBTOTAL	1,034.65
GST @ 5%	51.74
TOTAL	1,086.39
BALANCE DUE	\$1,086.39

ALL WHEELS AND U-BOLTS SHOULD BE RE-
TORQUED AFTER 100 KM. IF THEY BEEN
REMOVED.



KENWORTH

GREATWEST KENWORTH LTD

292217 Prime Ave.
Balzac, AB. T4B 2T3
(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE

Work Order

SB5003903

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

Date: 03-19-24

403 265-0810

Page 1 of 2

403 265-0810

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XK2D49X9N1984287		477098	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
6601.0			RANDY	03-15-24 / 04:00PM	03-18-24	chr*CHR

Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA
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Tax ID Date: Tax ID:

- 1 TROUBLESHOOT FOR TRUCK IS GOING INTO DERATE AND SENDING OFF DEF AND COOLANT CODES
CAUSE:
DEF TANK CONTAMINATION CAUSING LOW DEF PUMP PRESSURE

CORRECTION:

500- RETRIEVED FAULT CODES AND FOUND CODE 3574 DEF PRSSURE DATA VALID BUT TOO LOW MODERATE SEVERITY.1 COUNT INACTIVE FOR CODES 5626,1712,7232,1682,7325 STARTED EDS DIAGNOSTIC CASE DSCDD1256, FOUND EXCESSIVE CONTAMINATION IN DEF TANKTESTED DEF PUMP PRESSURE AND FOUND IT WOULD BUILD TO 120 PSI AND THEN DROPPED RIGHT OFF AND AND WENT TO 20 PSI AND FLUCTUATED BUT STILL VERY LOW. REMOVED HEATER AND PICK UP FROM DEF TANK AND FOUND CONTAMINTION IN TANK. ATTACHED PICTURES TO THE CASE. PERFORMED DEF TANK FLUSH AND REPLACEMENT OF DEF TANK AND DOSER FILTERS AS REQURIED.UPDATED ECM CALIBRATION FROM KW10034.11 TO .13 REVISION ONCE COMPLETE RE-PERFORMED SCR PUMP OVERRIDE TEST AND FOUND 120 PSI PRESSURE CONSISTENTLY.TOOK UNIT FOR STEADY STATE ROAD TEST AND FOUND DEF PRESSURE STAYED AROUND 120 PSI AND NOX OUT WAS 0 PPM CORRECTED. CLEARED ALL CODES.

TOTAL LABOR	756.00
TOTAL PARTS	50.86

Qty	Part Number	Description	Unit	Extended
1	6V5052	SEAL	50.86	50.86

- 2 PERFORM DEF TANK FLUSH AND FILTER REPLACEMENT
CAUSE:
DEF TANK FLUSH REQUIRED

CORRECTION:

500- DRAINED DEF FLUID AND REMOVED DEF TANK AND FLUSHED OUT DIRT FROM BOTTOM OF TANK, REPLACED INTANK FILTER FOR PICK UP. REPLACED DOSING

Work Order

SB5003903

Date: 03-19-24

Page 2 of 2

PUMP FILTER AND INLET SCREEN FILTER, INSTALLED DEF FILTER IN NECK OF TANK TO PREVENT CONTAMINATION FROM FILLING TANK. REMOVED PASSENGER SIDE STEP REMOVED AND REPLACED DOSING VALVE FILTER AND REASSEMBLED PASSENGER SIDE STEP AND REINSTALLED DEF TANK. FILLED WITH CLEAN DEF FLUID AND VERIFIED PUMP PRESSURE AND NO LEAKS PRESENT.

TOTAL LABOR	1,134.00
TOTAL PARTS	763.46

Qty	Part Number	Description	Unit	Extended
1	2309776PE	CONNECTOR, TUBE	182.77	182.77
1	5579176CUM	KIT, 2017 DEF PUMP MAIN F	153.52	153.52
1	M37-6091	FILTER-DEF TANK AIR VENT	61.17	61.17
1	M37-6273K1T	FILTER KIT	109.57	109.57
1	5372671CUM	KIT, AFTERTREATMENT INJECTOR	40.29	40.29
10	55-125AIRX48	DEF FLUID	15.23	152.30
1	PE17001JAB	HD MISC	63.84	63.84

SHOP SUPPLIES	189.00
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G.S.T. - REG. NO. R139766661RT0001	5 % OF	2,893.32 =	144.67
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	CUST MECH LAB-BZKW	1,890.00
	PARTS CUST R/O-BZKW	814.32
	SHOP SUPPLIES-BZKW	189.00
	G.S.T. R139766661RT000	144.67
11855	CHARGE	3,037.99

I ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR ALL COST INCURRED TO DIAGNOSE, ROAD TEST, DISMANTLE AND REASSEMBLE MY UNIT IF NO FAULT CAN BE FOUND.

THE MANUFACTURER WARRANTY CONSTITUTES ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF THIS ITEM/ITEMS. THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS ITEM/ITEMS.

GREATWEST KENWORTH LTD. MAKES THE LIMITED WARRANTY COVERING ANY DEFECT IN WORKMANSHIP OR MATERIAL FURNISHED IN CONNECTION WITH THIS REPAIR ORDER FOR A PERIOD OF THIRTY (30) DAYS FROM THE DATE OF DELIVERY OF SAID MOTOR VEHICLE TO THE CUSTOMER/OWNER, OR 16,000 KILOMETERS WHICHEVER OCCURS FIRST.

IT IS UNDERSTOOD THAT A LIEN MAY BE PLACED THEREON FOR THE AMOUNT DUE IN CASE THE VEHICLE REPAIRS ARE NOT PAID IN FULL.

Customer: X _____ Date: _____

CALGARY -- CLAIRMONT -- LETHBRIDGE -- MEDICINE HAT -- RED DEER



KENWORTH

GREATWEST KENWORTH LTD

292217 Prime Ave.
Balzac, AB. T4B 2T3
(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE
Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5002851

Date: 10-18-23

403 265-0810

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9NJ984287		399536	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / 20164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
5513.0				10-02-23 / 07:24AM	10-03-23	jen*BAD
Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA					

Tax ID Date: Tax ID:

- 1 CHECK ENGINE LIGHT ACTIVE - THROTTLE VALVE CODES
CAUSE:

THROTTLE CONTROL VALVE FAILED

CORRECTION:

511 - BROUGHT UNIT INTO SHOP AND STARTED EDS SESSION SDCCQ5625 FOR ACTIVE FAULT 5879. CHECKED SIGNAL, SUPPLY AND RETURN WIRES BETWEEN ECM AND THROTTLE CONTROL VALVE, ALL WIRES HAD 0.0 OHMS. INTAKE THROTTLE VALVE HAS FAILED AND REQUIRES REPLACEMENT. REMOVED AIR INTAKE PIPING FOR ACCESS. REMOVED AND REPLACED THROTTLE ACTUATOR. HAD TO DRILL AND HELI-COIL 2 HOLES AS THREADS PULLED OUT WITH BOLTS. PICTURES ATTACHED TO CASE. REPLACED ALL O-RINGS DURING INSTALL. RAN UNIT UP TO TEMP AND TOOK UNIT FOR ROAD TEST TO VERIFY REPAIR, NO CODES RETURNED.

CONTROL # 16159495

CLAIM # 14524

>> WARRANTY PENDING <<

B/O RELEASE BPE51428 CONFIRM # 6920

Qty Part Number Description

1	3691162CUM	VALVE-THROTTLE
2	3033247CUM	SEAL,O RING
1	3033247CUM	SEAL,O RING

- 2 COMPLAINT OF UNIT DOWNSHIFTING DURING OPERATION

CAUSE:

UPDATED ECM CALIBRATION AVAILABLE

CORRECTION:

CHECKED FOR ACTIVE FAULT CODES RELATING TO COMPLAINT, NO RELATED FAULTS. CHECKED ECM CALIBRATIONS, FOUND REVISION VERSION THAT REDUCES DIFFICULTY SHIFTING. PERFORMED UPDATE AND RETESTED. (CALIBRATION FROM KW10034.07 TO KW10034.11) - ROAD TESTED UNIT, UNABLE TO DUPLICATE COMPLAINT.

CONTROL # 16175015

CLAIM # 14535

>> WARRANTY PENDING <<



GREATWEST KENWORTH LTD



KENWORTH

292217 Prime Ave.
Balzac, AB. T4B 2T3
(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

REVIEW
Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5002851

Date: 10-13-23

Page 1 of 2

403 265-0810

403 265-0810

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9N1984287		399536	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
5513.0				10-02-23 / 07:24AM	10-03-23	jen*XX

Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA
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- 1 KENWORTH PRIVILEGES PROGRAM - ** REGISTER AND SAVE EVEN MORE THROUGH THE KENWORTH LOYALTY REWARDS PROGRAM! **

- 2 CHECK AND ADVISE - THROTTLE VALVE CODES

CAUSE:

FAULTY THROTTLE CONTROL VALVE

CORRECTION:

511- BRING TRUCK INSIDE AND START EDS SESSION DSCCQ5625 FOR FAULT 5879. STEP ONE IS CHECKING SIGNAL, SUPPLY AND RETURN WIRES BETWEEN ECM AND THROTTLE CONTROL VALVE. ALL WIRES HAD 0.0 OHMS. STEP 2 IS TO REPLACE MALFUNCTIONING INTAKE THROTTLE VALVE. ORDER AS IT IS COVERED BY WARRANTY. REMOVE AND REPLACE INTAKE THROTTLE ACTUATOR. HAD TO DRILL AND HELICOIL 2 HOLES AS THREADS PULLED OUT WITH BOLTS. SEE ATTACHED PICTURES TO CASE. REPLACE ALL O-RINGS. TEST DRIVE TRUCK, NO FAULTS RETURNED. 508 ROAD TESTED THE UNIT. ROAD TEST WENT GOOD. NO FAULT CODES CAME ON.

>> WARRANTY PENDING <<

B/O RELEASE BPE51428 CONFIRM # 6920

Qty Part Number Description

1	3691162CUM	VALVE-THROTTLE
2	3033247CUM	SEAL,O RING
1	3033247CUM	SEAL,O RING

- 3 CHECK AND ADVISE - WHEN PULLED INTO EDMONTON - TRUCK DOWN SHIFTS 2 GEARS - 2500 RPM

CAUSE:

ECM CALIBRATION NEEDED

CORRECTION:

511- CHECK FAULTS IN TCM. NO FAULTS DESCRIBING COMPLAINT. LOOKING AT UPDATED ECM CALIBRATIONS THERE IS REVISION VERSION THAT REDUCES DIFFICULTY SHIFTING. NEED TO UPDATE AND RETEST. UPDATED ECM CALIBRATION FROM KW10034.07 TO KW10034.11. ROAD TESTED UNIT AND NEVER HAD A TIME WHERE IT WAS DIFFICULT TO SHIFT. CUSTOMER TO MONITOR IF PROBLEM PERSISTS

>> WARRANTY PENDING <<

Work Order

SB5002851

Page 2 of 2

Date: 10-13-23

Qty Part Number

Description

1 893-271010

RED LOCTITE

PLEASE PAY THIS TOTAL

0.00

Authorized By _____

I ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR ALL COST INCURRED TO DIAGNOSE, ROAD TEST, DISMANTLE AND REASSEMBLE MY UNIT IF NO FAULT CAN BE FOUND.

THE MANUFACTURER WARRANTY CONSTITUTES ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF THIS ITEM/ITEMS. THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS ITEM/ITEMS.

GREATWEST KENWORTH LTD. MAKES THE LIMITED WARRANTY COVERING ANY DEFECT IN WORKMANSHIP OR MATERIAL FURNISHED IN CONNECTION WITH THIS REPAIR ORDER FOR A PERIOD OF THIRTY (30) DAYS FROM THE DATE OF DELIVERY OF SAID MOTOR VEHICLE TO THE CUSTOMER/OWNER, OR 16,000 KILOMETERS WHICHEVER OCCURS FIRST.

IT IS UNDERSTOOD THAT A LIEN MAY BE PLACED THEREON FOR THE AMOUNT DUE IN CASE THE VEHICLE REPAIRS ARE NOT PAID IN FULL.

Customer: X _____

Date: _____

CALGARY -- CLAIRMONT -- LETHBRIDGE -- MEDICINE HAT -- RED DEER



GREATWEST KENWORTH LTD



292217 Prime Ave.
Balzac, AB. T4B 2T3
(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE

Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5001370

Date: 03-09-23

403 265-0810

Page 1 of 2

Year	Make / Model		Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880		1XKZD49X9NJ984287	BAY 5	310355K	102
Delivery Mileage	Delivery Date	Engine Model / Serial #		Transmission Model/Serial #		
	07-09-21	X15 / 80339314		Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #		Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279		FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
4300.0	0.0	0.0	102	03-04-23 / 01:49PM	03-09-23	jen*JHZ
Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA					

Tax ID Date: Tax ID:

- 1 KENWORTH PRIVILEGES PROGRAM - ** REGISTER AND SAVE EVEN MORE THROUGH THE KENWORTH LOYALTY REWARDS PROGRAM! **
- 2 CHECK AND ADVISE - TOW IN - WONT GO INTO GEAR - ONCE YOU TRY IT BEEPS AND GOES BACK INTO NETURAL UNIT 101
CAUSE:
FAILED CLUTCH, RELEASE BEARING AND INPUT SHAFT COVER
CORRECTION:
508 TOW IN THE UNIT. HOOKED UP WITH SERVICE RANGER. NO FAULT CODES FOUND. SENT ACTIVITY REPORT TO EATON. REMOVED THE INSPECTION PLATE OF CLUTCH HOUSING AND FOUND SOME SMALL METAL PIECES. CHECKED AND LOOKS LIKE THE CLUTCH BEARING WAS DAMAGED. CLICK AND ATTACH PICTURES. CALLED EATON AND STARTED WARRANTY CLAIM. SENT PICTURES TO EATON CLICKED THROUGH THE INSPECTION WINDOW. NEEDS TO REMOVE THE TRANSMISSION FOR FURTHER PICS. AND INFO REQUIRED BY EATON. REMOVED THE DRIVE SHAFT AND OUTPUT YOKE OF TRANSMISSION. REMOVED ALL REQUIRED COMPONENTS ATTACHED WITH TRANSMISSION TO REMOVE THE TRANSMISSION. REMOVED THE TRANSMISSION AND THE CLUTCH. CONFIRMED THE CLUTCH WAS BROKEN. RELEASE BEARING AND THE INPUT SHAFT COVER WAS DAMAGED. SENT PICTURES TO EATON AND CALLED EATON WARRANTY. EATON CONFIRMED TO REPLACE THE DAMAGED COMPONENTS AND GAVE THE PART NUMBERS. ORDERED PARTS ACCORDINGLY. CLEANED CLUTCH AND FLYWHEEL HOUSINGS AND REMOVED ALL BROKEN METAL DEBRIS. REMOVED AND INSPECTED CLUTCH RELEASE FORK LOOKS GOOD. REMOVED AND INSPECTED THE LCA LOOKS GOOD. ENGAGED THE LCA IN SERVICE POSITION. REINSTALLED THE LCA AND TORQUED BOLTS UPTO THE SPEC. REMOVED THE INPUT SHAFT COVER AND CLEANED SEALING SURFACE. INSTALLED NEW INPUT SHAFT COVER WITH NEW OIL SEAL AND O-RING. TORQUED THE INPUT SHAFT COVER BOLTS UPTO THE SPEC. REMOVED AND INSTALLED NEW PILOT BEARING SLEEVE ON THE INPUT SHAFT. REMOVED AND INSTALLED NEW PILOT BEARING IN THE FLYWHEEL. INSTALLED NEW CLUTCH ON THE FLY WHEEL WITH PROPER PROCEDURE AND TORQUED MOUNTING BOLTS UPTO THE SPEC. INSTALLED CLUTCH RELEASE FORK AND NEW RELEASE BEARING ON THE TRANSMISSION. INSTALLED TRANSMISSION ON THE UNIT AND TORQUED MOUNTING BOLTS UPTO THE SPEC. CONNECTED ALL WIRING HARNESS DISSCONNECTED TO REMOVE THE TRANSMISSION AND ATTACHED OTHER COMPONENTS REMOVED. SECURED WIRING HARNESS WITH ZIP TIES.512- INSTALLED NEW YOKE BOLT TORQUED TO 500 FT LB. INSTALLED STEADY BEARING AND DRIVE LINE TO

Work Order

SB5001370

Date: 03-09-23

Page 2 of 2

TRANSMISSION WITH NEW STRAP KIT. TORQUED TO 120 FT LB. 504 - UPDATED THE TCM FROM 5516024 TO 5516042. PERFORMED A CLUTCH AND RAIL CALIBRAITION. 501 - ROAD TEST UNIT, CONFIRM PROPER OPERATION OF TRANSMISSION. CLAIM# VGT4639372 - INPUT SHAFT COVER CLAIM# CT4639510 - OLD AND NEW CLUTCH PART NUMBERS ATTACHED

Qty	Part Number	Description
		>> WARRANTY PENDING <<
1	K-4488CL	ENDURANT DIAPHRAGM SPRING
1	E87-6018	FRONT BEARING COVER KIT
1	250-70-18X	KIT-BEARING RETAINER
1	TSC10000949	SCREW, HEX FLG HD (M20X1.

PLEASE PAY THIS TOTAL 0.00

I ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR ALL COST INCURRED TO DIAGNOSE, ROAD TEST, DISMANTLE AND REASSEMBLE MY UNIT IF NO FAULT CAN BE FOUND.

THE MANUFACTURER WARRANTY CONSTITUTES ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF THIS ITEM/ITEMS. THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS ITEM/ITEMS.

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Customer: X _____ Date: _____

CALGARY -- CLAIRMONT -- LETHBRIDGE -- MEDICINE HAT -- RED DEER



GREATWEST KENWORTH LTD

292217 Prime Ave.

Balzac, AB. T4B 2T3

(587) 319-5950

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106, 4316 - 64 AVENUE SE

Ship To: NUGEN TRANSPORT CORP
BAY 1106, 4316 - 64 AVENUE SE

CUSTOMER INVOICE

Work Order

CALGARY, AB T2C2B3

CALGARY, AB T2C2B3

SB5001121

403 265-0810

Date: 01-26-23

Page 1 of 2

403 205-0810

Page 1 of 1

Year	Make / Model		Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880		1XKZD49X9NJ984287	BAY 10	296386K	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #			
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288			
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2			
	3.08	MT40-14X4 FOR06504279	FOR06504280			
Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Completo	Service Writer
4093.0	0.0	0.0	102	01-25-23 / 10:00AM	01-25-23	Jon*JHZ
Memo	NEIL AUTH (403) 371-7566 NEIL@NUGENTRANSPORT.CA					

Tax ID Date: Tax ID:

1 DIAGNOSE NO START

CAUSE:

MALFUNCTIONING STARTER.

CORRECTION:

503 - TURNED KEY TO START POSITION AND CAN HEAR THE SOLENOID CLICKING
LOAD TESTED SIGNAL WIRE TO STARTER AND PASSED. REMOVED AND REPALCED
STARTER. TESTED AND UNIT STARTS.

TOTAL LABOR

422.50

TOTAL PARTS

743.55

Qty	Part Number	Description	Unit	Extended
1	D61-6005-003	STARTER-PACCAR C15, ISX15	743.55	743.55

2 EXHAUST LEAK BEHIND TURBO

CAUSE:

LEAKING GASKETS ON PIPE AFTER TURBO.

CORRECTION:

503 -STARTED UNIT AFTER STARTER REPLACEMENT AND COULD HEAR A LOUD
EXHAUST LEAK. FOUND THE PIPE AFTER TURBO TO BE LEAKING. REMOVED CLAMPS
AND OLD GASKET. CLEANED SEALING SURFACES. INSTALLED PIPE WITH NEW
GASKETS AND CLAMPS. STARTE UNIT AND CHECKED FOR LEAKS.

TOTAL LABOR

253.50

TOTAL PARTS

144.03

Qty	Part Number	Description	Unit	Extended
1	4966441CUM	GASKET,EXH OUT CONNECTION	26.92	26.92
1	3684359CUM	GASKET,EXH OUT CONNECTION	19.19	19.19
1	4966454CUM	CLAMP-V BAND	80.27	80.27
1	90-0012	CLAMP-V BAND 4"	17.65	17.65

SHOP SUPPLIES

67.60

G.S.T. - REG. NO. R139766661RT0001 5 % OF 1,631.18 = 81.56

CUST MECH LAB-BZKW

676.00

Date: 01-26-23

Work Order

SB5001121

Page 2 of 2

	PARTS CUST R/O-BZKW	887.58
	SHOP SUPPLIES-BZKW	67.60
	G.S.T. R139766661RT000	81.56
11855	CHARGE	1,712.74

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Customer: X _____ Date: _____

CALGARY -- CLAIRMONT -- LETHBRIDGE -- MEDICINE HAT -- RED DEER

WARD TIRECRAFT

X-Kalibur Tire o/a Ward Tirecraft
10675 48th Street SE
Calgary AB T2C 2B7
Phone: 403-264-1471 Fax: 403-264-1781

SOLD TO:
NUGTRA
NUGEN TRANSPORT
PO BOX 10059 RIVERBEND RPO

CALGARY AB T2C 5E2

CONTACT:
Neil
MOBILE : 403 371-7566
BUSINESS:
EMAIL : neil@nugentransport.ca

HOME:
FAX : 403 265-0820

PAGE: 1
DATE: 23 Jan 31
GST REG#: 847284932
PST REG#:

INVOICE
WX66099

COLOUR	VEHICLE DESCRIPTION	UNIT#	ADV	ORO IN
	2022 KENWORTH CONSTRUCTION 6, 15.0L (915 CID)	102		0
PLATE	VIN		ADV	ODO OUT
A20115	1XKZD49X9NJ984287		AF	0
TIME IN	PROMISED	TERMS	GST EXEMPT#	P.O.
10:14 AM		Net 30 days		NEIL
QTY	ITEM	DESCRIPTION	NET	EXT PRICE
1	SCMSR	SERVICE CALL REGULAR HOURS SS 22 Dec 11	110.00	110.00
4	TCO	TRUCK TIRE CHANGE OVER SS 22 Dec 11	38.00	152.00
		11R225 -- FRONT AXLE		
4	545D	ALCO ALUMN VALVE STEM 545D 2.60 " 60 DEGREE	11.00	44.00
4	TRO	TRUCK TIRE ROTATE SS 22 Dec 11	20.00	80.00
		REAR TO FRONT		
4	30246	MRT XDS2 DRIVE RECAP ONLY 11R22.5	289.95	1159.80
		ABOVE TIRES CASINGS ARE CUSTOMER STOCK		
		TAKES OFFS ARE RECAPS		
1	SS	SHOP SUPPLIES	34.20	34.20
		Payment Method: OnAccount=1659.00		
		***** REMINDER *****		
		PLEASE ENSURE THAT YOU HAVE THE TORQUE ON YOUR		
		WHEEL NUTS CHECKED WITHIN THE FIRST 100KM AND		
		REGULARLY THEREAFTER.		
		***** REMINDER *****		

INVOICE TO:

Terms and Conditions: I hereby acknowledge my indebtedness in the amount of the invoice plus any costs incurred in order to collect the balance outstanding. Interest at the rate of 2% per month (24% per annum) will be charged on overdue. All products remain the property of X-Kalibur Tire Limited o/a WARDTIRECRAFT until paid in full. I authorize you, your agents or independent contractors to drive my vehicle for the purpose of inspection and repairs. I authorize you, your subcontract work as necessary, including releasing the vehicle or parts thereof to third parties. I will be responsible for any and all charges that any third party warranty company fails to pay for. X-Kalibur Tire Limited o/a WARDTIRECRAFT does not assume responsibility or liability for vehicles and contents left at our premises. I grant X-Kalibur Tire Limited o/a WARDTIRECRAFT informed prior consent to have personal information released to them such as name, DOB, address, personal and non-personal motor vehicle information for the purpose of filing a garageman's lien within 21 days of invoice date on the above vehicle.

Signature: _____

Date: _____

PARTS: 1203.80
LABOUR: 342.00
OTHER: 34.20
SUB-TOTAL: 1580.00
GST/HST: 79.00
PST: N/C
TOTAL: 1659.00

ENTERED

WARD TIRECRAFT

X-Kalibur Tire o/a Ward Tirecraft

10675 48th Street SE

Calgary AB T2C 2B7

Phone: 403-264-1471 Fax: 403-264-1781

PAGE: 1

DATE: 22 Jul 14

GST REG#: 847284932

PST REG#:

INVOICE

WX59978

SOLD TO:

NUGTRA

NUGEN TRANSPORT

PO BOX 10059 RIVERBEND RPO

CALGARY AB T2C 5E2

CONTACT:

Nell

MOBILE : 403 371-7566

BUSINESS:

EMAIL : nell@nugentransport.ca

HOME:

FAX : 403 265-0820

COLOUR	VEHICLE DESCRIPTION		UNIT#	ODO IN
	2022 KENWORTH CONSTRUCTION 6, 15.0L (915 CID)		102	212203
PLATE	VIN		ADV	ODO OUT
A20115	1XKZD49X9NJ984287		JOSE	212203
TIME IN	PROMISED	TERMS	GST EXEMPT#	TAG
8:08 AM		Net 30 days		
QTY	ITEM	DESCRIPTION	NET	EXT.PRICE
2	06697	MICHELIN X LINE NRG 2 LRH (XZA3+) 11R22.5	895.00	1790.00
2	TRF-AB-MED	TIRE RECYCLE FEE - MEDIUM TRUCK	14.00	28.00
2	TCO	TRUCK TIRE CHANGEOVER BF ZG 22 Jul 14	N/C	N/C
2	TBA	MEDIUM TRUCK BALANCE BF ZG 22 Jul 14	55.00	110.00
2	545D	ALCO ALUMN VALVE STEM 545D 2.60 " 60 DEGREE	12.50	25.00
		CUSTOMER KEEPING TAKE OFFS		
1	SS	SHOP SUPPLIES	11.00	11.00
		TOTAL DISCOUNT GIVEN---> 268.00		
		Payment Method: OnAccount=2062.20		
		***** REMINDER *****		
		PLEASE ENSURE THAT YOU HAVE THE TORQUE ON YOUR		
		WHEEL NUTS CHECKED WITHIN THE FIRST 100KM AND		
		REGULARLY THEREAFTER.		
		***** REMINDER *****		

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Signature:

Date:

PARTS:	1815.00
LABOUR:	110.00
OTHER:	39.00
SUB-TOTAL:	1964.00
GST/HST:	98.20
PST:	N/C
TOTAL:	2062.20



GREATWEST KENWORTH LTD



5909 6TH STREET S.E.
CALGARY, AB T2H 1L8
(403) 253-7555

Sold To: NUGEN TRANSPORT CORP
11855 BAY 1106 4316-64TH AVE SE
CALGARY, AB T2C2B3

Ship To: NUGEN TRANSPORT CORP
BAY 1106 4316-64TH AVE SE
CALGARY, AB T2C2B3

CUSTOMER INVOICE
Work Order
SC1023241

403 265-0810

Date: 07-08-22

Page 1 of 4

Year	Make / Model	Serial Number	License	Mileage	Unit/Stock
2022	Kenworth / T880	1XKZD49X9NJ984287	BAY 10	208277K	102
Delivery Mileage	Delivery Date	Engine Model / Serial #	Transmission Model/Serial #		
	07-09-21	X15 / 80339314	Eaton EEO-18F112C Endurant 12-SPD / Z0164288		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #	Rear Axle Model / Serial # 2		
	3.08	MT40-14X4 FOR06504279	FOR06504280		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
2841.0	0.0	0.0	102	07-06-22 / 09:58AM	07-06-22	TB*STH

Memo

Tax ID Date: Tax ID:

- 1 KENWORTH PRIVILEGES PROGRAM - ** REGISTER AND SAVE EVEN MORE THROUGH THE KENWORTH LOYALTY REWARDS PROGRAM! **
- 2 PERFORM ALBERTA INSPECTION

** CVIP INSPECTION SERVICE SPECIAL **

CAUSE:
CVIP INSPECTION
CORRECTION:
730 - CARRIED OUT CVIP INSPECTION.CV7478719
SERVICE SPECIAL 299.00
- 3 CHECK ENGINE LIGHT ON -
730 - SAVED CODES AND IMAGE TO CASE, 2 CODES LOGGED BOTH INACTIVE WITH 1 COUNT EACH. LOGGED OVER 1000 ENGINE HOURS.CLEARED CODES.
TOTAL LABOR 84.50
- 4 TRANSMISSION - INTERMITTENTLY WONT SHIFT
730 - HOOKED UP WITH DAVIE TOOL, NO CODES RELATED TO TRANSMISSION.NOTE THAT THE TRUCK HAS AFTERMARKET DEVICES HOOKED IN THROUGH THE OEM 9 PIN DIAGNOSTIC CONNECTOR, THIS CAUSES COMMUNICATION ISSUES WITH THE TRUCK SIDE COMPONENTS (IE TRANSMISSION).THE AFTERMARKER DEVICES HAVE TO BE REMOVED AND RE-INSTALLED USING THE DEDICATED RP1226 CONNECTOR IN THE FUSE PANEL AREA BEFORE WE CAN T/S THE TRANS ISSUE.731- ROAD TESTED UNIT AND HAD NO ISSUES SHIFTING
TOTAL LABOR 135.20
- 5 FRONT DIFF TEMP NOT WORKING - SENSOR REPLACED
CAUSE:
RUBBED THROUGH WIRING HARNESS
CORRECTION:
730 - DISCONNECTED PLUG AT SENSOR, TESTED FOR POWER, NONE.INSPECTED HARNESS AND FOUND THE WIRE HAS BEEN RUBBED THOUGH.STRIPPED BACK LUME

Work Order

SC1023241

Date: 07-08-22

Page 2 of 4

AND REPAIRED WIRING.SECURED WIRING HARNESS.TESTED POWER, GOOD.

TOTAL LABOR

185.90

TOTAL PARTS

5.04

Qty	Part Number	Description	Unit	Extended
2	5161	RED BUTT	1.89	3.78
2	775-0316	SHRINK	0.63	1.26

6 WATER SEPARATE CONNECTOR NOT SECURE

CAUSE:

CONNECTOR BROKEN

CORRECTION:

730 - THE LOCKING TAB ON THE HARNESS SIDE OF THE CONNECTOR IS BROKEN
OFF.REPLACED CONNECTOR, VERIFIED REPAIR.

TOTAL LABOR

101.40

TOTAL PARTS

104.07

Qty	Part Number	Description	Unit	Extended
1	RK55734	KIT-WIF SENSOR W/18" JUMP	99.23	99.23
2	5162	CONNECTOR	1.58	3.16
2	PC2014-48B	SHRINK1/4	0.84	1.68

7 WHEELS OFF INSPECTION

3 AXLES

** WHEELS OFF INSP3 SERVICE SPECIAL **

CAUSE:

REQUIRED FOR CVIP INSPECTION.

CORRECTION:

730 - RAISED AND SUPPORTED STEER AXLE.REMOVED WHEELS AND TOOK
MEASUREMENTS OF ROTORS AND PADS.TORQUED WHEEL NUTS TO 500FT
LB.RE-TORQUE REMINDER STICKER ON WINDOW.

SERVICE SPECIAL

300.00

8 CVIP- GLAD HAND RUBBERS WORN

CAUSE:

WORN RUBBERS

CORRECTION:

730 - REPLACED GLAD HAND RUBBERS

TOTAL LABOR

33.80

TOTAL PARTS

9.12

Qty	Part Number	Description	Unit	Extended
2	10024M1D	SEAL	4.56	9.12

9 WINDSHIELKD WASHERS INOP-REPAIR

CAUSE:

LOW FLUID

CORRECTION:

730 - TOPPED UP WASHER FLUID AND TESTED, GOOD.

TOTAL LABOR

50.70

TOTAL PARTS

4.29

Qty	Part Number	Description	Unit	Extended
1	15-215	W/W FLUID	4.29	4.29

Work Order
SC1023241

Date: 07-08-22

Page 3 of 4

10 TOP EXHAUST STACK BUSHINGS POUNDED OUT-REPLACE

CAUSE:

WORN BUSHINGS AND ROD

CORRECTION:

730 - DRIVER HAS APPLIED SOME SORT OF LUBRICATION GREASE AND IT HAS CAUSED PREMATURE WEAR IN THE ROD AND BUSHINGS. REPLACED ROD AND BUSHINGS.

TOTAL LABOR	118.30
TOTAL PARTS	79.24

Qty	Part Number	Description	Unit	Extended
2	M13-6004	BUSHING-PIN, ISOLATOR	8.76	17.52
1	M13-1009	BUSHING-MOUNTING EXHAUST	31.55	31.55
1	M05-1004-001	PIN-ISOLATED EXHAUST	30.17	30.17

11 PASS SIDE 1ST DRIVE AXLE GUIDE IS LOOSE-ADJUST

CAUSE:

LOOSE BOLT

CORRECTION:

730 - TIGHTENED MOUNTING BOLT

TOTAL LABOR	33.80
-------------	-------

12 PASS SIDE FUEL TANK RUBBERS SLIPPING-REPLACE

CAUSE:

LOOSE TANK STRAPS

CORRECTION:

730 - LOWER RUBBERS HAVE MOVED DUE TO LOOSE TANK STRAPS. REMOVED STRAPS, RAISED TANK AND REPLACED RUBBERS.

TOTAL LABOR	169.00
TOTAL PARTS	52.00

Qty	Part Number	Description	Unit	Extended
1	K161-934-11	LINING-TANK STRAP 37"	52.00	52.00

13 PASS SIDE STEER AXLE HUB DAMAGED AT TIRE LOCATOR TABS-REPLACE

CAUSE:

DAMAGED WHEEL LOCATION LUGS

CORRECTION:

730 - REMOVED WHEEL FOR BRAKE INSPECTION AND FOUND 2 OF THE WHEEL LOCATING LUGS WERE DAMAGED. IT APPEARS THE WHEEL HAS BEEN PUT ON INCORRECT AND GUNNED UP. REMOVED BRAKE PADS AND CALIPER. REMOVED HUB AND INSTALLED NEW. RE-INSTALLED CALIPER AND BRAKE SHOES, ADJUSTED BRAKE. FILLED HUB WITH NEW OIL. TORQUED WHEEL TO 500 FT LB.

TOTAL LABOR	507.00
TOTAL PARTS	1,136.84

Qty	Part Number	Description	Unit	Extended
1	CM10083209	ASSY PRESET HUB/ROTR AFTM	1,118.46	1,118.46
1	PGLPS386DR	FLUID-TRANSMISSION SYNT D	14.56	14.56
1	PGLPS386DR&	ENV CHG	0.10	0.10
1	330-3024	GASKET-HUBCAP	3.72	3.72

SHOP SUPPLIES	201.86
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Work Order

SC1023241

Date: 07-08-22

Page 4 of 4

G.S.T. - REG. NO. R139766661

5 % OF 3,611.06 = 180.55

CUST MECH LAB-CAL	2,018.60
PARTS CUSTOMER R/O-CAL	1,390.60
SHOP SUPPLIES-SHOP A	201.86
G.S.T. R139766661	180.55
11855 CHARGE	3,791.61

I ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR ALL COST INCURRED TO DIAGNOSE, ROAD TEST, DISMANTLE AND REASSEMBLE MY UNIT IF NO FAULT CAN BE FOUND.

THE MANUFACTURER WARRANTY CONSTITUTES ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF THIS ITEM/ITEMS. THE SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING AND IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS ITEM/ITEMS.

GREATWEST KENWORTH LTD. MAKES THE LIMITED WARRANTY COVERING ANY DEFECT IN WORKMANSHIP OR MATERIAL FURNISHED IN CONNECTION WITH THIS REPAIR ORDER FOR A PERIOD OF THIRTY (30) DAYS FROM THE DATE OF DELIVERY OF SAID MOTOR VEHICLE TO THE CUSTOMER/OWNER, OR 16,000 KILOMETERS WHICHEVER OCCURS FIRST.

IT IS UNDERSTOOD THAT A LIEN MAY BE PLACED THEREON FOR THE AMOUNT DUE IN CASE THE VEHICLE REPAIRS ARE NOT PAID IN FULL.

Customer: X _____ Date: _____

CALGARY -- CLAIRMONT -- LETHBRIDGE -- MEDICINE HAT -- RED DEER



KENWORTH

GREATWEST KENWORTH LTD

5909 6TH STREET S.E.
CALGARY, AB T2H 1L8
(403) 253-7555

Sold To: NUGEN TRANSPORT CORP
11855 BOX 10059 RIVERBEND RPO
CALGARY, AB T2C 5E2

Ship To: NUGEN TRANSPORT CORP
BOX 10059 RIVERBEND RPO
CALGARY, AB T2C 5E2

CUSTOMER INVOICE
Work Order
SC1019560

Date: 01-25-22

403 265-0810

403 265-0810

Year	Make / Model		Serial Number	License	Mileage	Unit/Stock
2022	KENWORTH / T880		12KZD49X7N1984286	ROCKFORD A	61882	101
Delivery Mileage	Delivery Date	Engine Model / Serial #		Transmission Model/Serial #		
	07-09-21	Unknown / 80339325		EEO-18F112C / Z0164062		
CPL/ARRG	Rear Ratio	Rear Axle Model / Serial #		Rear Axle Model / Serial # 2		
		D40-172P HN08041113		D40-172P HN08041230		

Engine Hours	Reefer Hours	Standby Hours	P.O. Number	Open Date / Time	Complete	Service Writer
834.0				12-04-21 / 06:50AM	12-10-21	JWL *DK
Memo						

Tax ID Date: Tax ID:

- 3 DIAGNOSE CEL IS ON - DERATED UNIT GOT DERATE MESSAGE ON HIGHWAY - SHORTLY AFTER THAT IT LOST ALL LIGHT ON DASH, LOST ALL ELECTRICAL, WOULD NOT SHIFT. ENGINE KEPT RUNNING, BUT UNIT HAD NO FUNCTIONALITY. CAUSE:

BROKEN CABLE LUG AT STARTER

CORRECTION:

758 - HOOKED UP TO CUMMINS AND DAVIE, ONLY FAULTS THAT HAPPENED IN CUMMINS WERE FOR INCORRECT SHUTDOWN, WHICH ALSO HAD THE EXACT SAME TIME STAMP AS CURRENT ENGINE TIME. A BUNCH OF DASH SWITCH FAULTS FOUND IN DAVIE, RELEARNED SWITCHES WITHOUT ISSUE. RAN ENGINE, FOUND ALTERNATOR TO NOT BE CHARGING, TESTED ALTERNATOR POSTS, ALSO FOUND ALTERNATOR DID NOT HAVE BATTERY POWER TO IT. GROUND SIDE GOOD. REMOVED BATTERY BOX COVER TO INSPECT BATTERY CABLES, NO CABLES DAMAGED OR MISSING, PROBLEM LIKELY IN CABLE FROM ALTERNATOR TO STARTER. DISCONNECTED BATTERIES FOR WEEKEND TO AVOID POTENTIAL FIRE. 790 - CHECKED RESISTANCE BETWEEN ALTERNATOR CABLES AND BATTERY CABLES. FOUND GROUND SIDE GOOD (0.0 OHMS). POSITIVE SIDE OPEN. CHECKED POSITIVE RESISTANCE FROM BOOSTER POST TO BATTERY: 0.0 OHMS. BOOSTER POST TO ALTERNATOR: OPEN. CHECKED STARTER CONNECTIONS AND FOUND ALTERNATOR POSITIVE CONNECTION AT STARTER BROKEN. CHECKED RESISTANCE FROM CABLE SIDE OF BREAK TO ALTERNATOR: 0.0 OHMS. NEEDS NEW TERMINAL. CUT TIES AND SEPARATED ALTERNATOR POSITIVE FROM BUNDLE. DISCONNECTED POSITIVE STARTER CONNECTIONS AND REMOVED REMAINING PORTION OF BROKEN LUG FROM STARTER STUD. CUT CRIMP CONNECTION OFF OF CABLE. STRIPPED CABLE END. CLOCKED, CRIMPED, AND SOLDERED AND HEAT SHRANK NEW END. TOOK PICTURE OF CABLE REPAIR AND ATTACHED. RE-CONNECTED POSITIVE STARTER CABLES, ALTERNATOR, AND BATTERIES.

>> WARRANTY PENDING <<

B/O RELEASE CPE30598 CONFIRM # 40750

Qty Part Number

Description

1 K333-554-7

CONNECTOR-90 DEG RING TER

3 CTD6511

TIE-CABLE DUAL CLAMP BLK

PLEASE PAY THIS TOTAL

0.00