

Invoice

Quantity	Item SKU	Description	Item Type	Fleet Price	Dealer Price	Total Adjustment	Final Amount
2	3687051CUM	CARRIER-SEAL	PACCAR Part	\$24.57	\$24.57	\$0.00	\$49.14
12	CT05317	TIE-CABLE 50LB 15.5" BLK	PACCAR Part	\$0.16	\$0.16	\$0.00	\$1.92
1	313KF	BRAK KLEE	Other Part	\$3.39	\$3.39	\$0.00	\$3.39
1	313KF	MHSW FEE	Miscellaneous	\$0.17	\$0.17	\$0.00	\$0.17
1	CC7101	COOLANT-TRP CONV CONCE	PACCAR Part	\$18.89	\$18.89	\$0.00	\$18.89
1	CC7101	MHSW FEE	Miscellaneous	\$0.75	\$0.75	\$0.00	\$0.75
2	HE8716	HOSE-HUMP DBL 4"X6" SILTU	PACCAR Part	\$32.92	\$32.92	\$0.00	\$65.84
2	F16-6000-031B413S	CLAMP-HOSE CONSTANT TO	PACCAR Part	\$5.18	\$5.18	\$0.00	\$10.36
1	4928594CUM	SENSOR-PRESSURE	PACCAR Part	\$133.75	\$133.75	\$0.00	\$133.75
3	4934279CUM	WASHER-SEALING	PACCAR Part	\$4.79	\$4.79	\$0.00	\$14.37
1	5406049RXCUM	KIT,EXH RCN VALVE	PACCAR Part	\$1,507.31	\$1,507.31	\$0.00	\$1,507.31
6	CT03316	TIE-CABLE 50LB 8" BLK	PACCAR Part	\$0.06	\$0.06	\$0.00	\$0.36
1	5304600CUM	CLAMP-V BAND	PACCAR Part	\$55.35	\$55.35	\$0.00	\$55.35
6.4	Labor	Labor	Labor	\$144.00	\$144.00	\$0.00	\$921.60
1	Supplies	SHOP SUPPLIES	Miscellaneous	\$73.73	\$73.73	\$0.00	\$73.73
1	GoodsServicesTax	GoodsServicesTax	Harmonized S	\$768.45	\$768.45	\$0.00	\$768.45

Summary of Charges

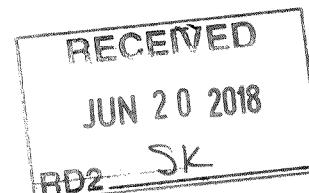
Parts	\$4,907.97
Other Parts	\$6.78
Labor/Other	\$996.42
Freight	\$0.00
Tax	\$768.45 * ONTARIO
Total Adjustment	\$0.00 HST
Final Amount	\$6,679.62

Service Notes

CAUSE: turbo failure, performed and complete service bulletin 4326040. CAUSE: turbo failure, performed and complete service bulletin 4326040. CORRECTION: brought truck inside the connected to the engine, retrieved faults, performed eds session of 2387 fault code. Inspected turbo and exhaust for damage. Inspected turbo actuator connector and harness. Checked turbo actuator position vs actual set during DTC, commanded position was 50% actual was 19%. performed the removal of the turbo actuator and found turbo sector shaft seized, reported to the customer and he report a turbo and a actuator has been replaced. customer reported that there should be warranty. brought unit back inside, removed the turbo charger, disassembled the turbo charger, inspect and found the turbine, the shroud plate and the nozzle ring are damage, suspecting debris when through the thurbocharger, report to rick and advised that i was going to perform some checks, found tsb4326040. called cummins tech support and he advised to perform the same procedure. called back rick and advised him that the campaign procedure must be performed. rick returned with an ok to performed proper repair as needed. Perform service Bulletin 4326040 removed exhaust manifold. removed EGR COOLER and found it to be leaking antifreeze. removed all intake pipig and egr piping. removed the intake manifold assembly. REMOVED CAC,AND PRESSRUE WASHED OUT. PRESSURED WASHED OUT ALL EGR PIPING. WASHED OUT ALL EXHAUST PIPING. REMOVED PIPE AT DOC, TO INSPECT FOR TURBO PEICES. disassembable exhaust manifold and inspect for peices. Found no debris. Installed CAC and condenser Tapped out damaged holds in head from Exhaust manifold bolts installed Exhaust manifold bolts did not have any Anti-seize on them. installed new bolts and torqued

UNIT# 219342
 AVANTIS
 GL Code: 2002-00-RD2-00
 Subtotal: 5911.17
 Approval: _____
 PO #: 642343

449630



For PACCAR Customer Support call 1-888-977-2787
 Send inquiries to PO Box 10922, Shawnee Mission, KS 66225-9022 or customer_support@paccarpartsfleetservices.com



Invoice

SOLD BY

Cervus Equipment PB - North Bay
3410 Hwy 11 North
North Bay, ON P1B 8G3
Canada
Dealer ID: 193092
PACCAR Dealer Code: C234
Dealer Tax ID: 818861742

SOLD TO

Trican Well Service Ltd.
6013 - 52nd avenue
Lloydminster, AB T9V 2S7
Canada
PACCAR Fleet Code: 8F98

Remittance advice can be included with a check payment or emailed to remittance@paccarpartsfleetservices.com.

Check
Multi Service Technology Solutions, Inc.
PO Box 15501
Station A
Toronto, Ontario M5W1C1
ACH
JP Morgan Chase Bank
Routing Number: 27000012
EFT
Account Number: 4682650101
To Benefit: Multi Service Technology Solutions, Inc.

Wire
Intermediary Bank
Royal Bank of Canada Toronto
RBC Swift Code: ROYCCAT2XXX
Beneficiary Bank
JP Morgan Chase Bank
Swift Code: CHASCATTCTS
Account Number: 4682650101

Invoice/RO Number	NS100259-1
Invoice Date	06/08/2018
Approval Code	529033
Site ID	LLT - Lloydminster
P.O. Number	642343
SR Number	
Unit Number	219342
VIN	1XPTP4EX0DD162200
Odometer	211796

Quantity	Item SKU	Description	Item Type	Fleet Price	Dealer Price	Total Adjustment	Final Amount
3	CT05317	TIE-CABLE 50LB 15.5" BLK	PACCAR Part	\$0.16	\$0.16	\$0.00	\$0.48
12	CT05512	TIE-CABLE 120LB, 15.25" BLK	PACCAR Part	\$0.30	\$0.30	\$0.00	\$3.60
2	CTD6511	TIE-CABLE DUAL CLAMP BLK	PACCAR Part	\$3.19	\$3.19	\$0.00	\$6.38
4	3682710CUM	GASKET-EXHAUST MANIFOL	PACCAR Part	\$17.39	\$17.39	\$0.00	\$69.56
1	3682940CUM	GASKET-EXHAUST MANIFOL	PACCAR Part	\$20.37	\$20.37	\$0.00	\$20.37
1	3683940CUM	SEAL-INTERNAL	PACCAR Part	\$53.55	\$53.55	\$0.00	\$53.55
4	4965698CUM	SCREW-HEX FLANGE HEAD C	PACCAR Part	\$6.76	\$6.76	\$0.00	\$27.04
2	3683144CUM	CLAMP-V BAND	PACCAR Part	\$56.10	\$56.10	\$0.00	\$112.20
1	3686677CUM	TUBE-VENT	PACCAR Part	\$30.99	\$30.99	\$0.00	\$30.99
1	3686838CUM	CLAMP-T BOLT	PACCAR Part	\$18.57	\$18.57	\$0.00	\$18.57
1	3686839CUM	CLAMP-T BOLT	PACCAR Part	\$25.56	\$25.56	\$0.00	\$25.56
2	3685309CUM	CLAMP-V BAND	PACCAR Part	\$26.56	\$26.56	\$0.00	\$53.12
4	4298242CUM	STUD	PACCAR Part	\$10.87	\$10.87	\$0.00	\$43.48
4	4298975CUM	NUT-LOCK	PACCAR Part	\$8.34	\$8.34	\$0.00	\$33.36
2	3627695CUM	SEAL O-RING	PACCAR Part	\$8.64	\$8.64	\$0.00	\$17.28
2	4934278CUM	WASHER-SEALING	PACCAR Part	\$3.19	\$3.19	\$0.00	\$6.38
1	3922794CUM	O-RING	PACCAR Part	\$2.99	\$2.99	\$0.00	\$2.99
1	4352360RXCUM	KIT,EXH RCN COOLER	PACCAR Part	\$2,036.23	\$2,036.23	\$0.00	\$2,036.23
2	2866337CUM	GASKET-EXHAUST CIRCULAR	PACCAR Part	\$7.43	\$7.43	\$0.00	\$14.86
2	90-0013	CLAMP-V BAND 5"	PACCAR Part	\$11.85	\$11.85	\$0.00	\$23.70
1	90-0012	CLAMP-V BAND 4"	PACCAR Part	\$14.90	\$14.90	\$0.00	\$14.90
1	3163075	PAINT,CUM	PACCAR Part	\$22.17	\$22.17	\$0.00	\$22.17
1	313KF	BRAK KLEE	Other Part	\$3.39	\$3.39	\$0.00	\$3.39
1	313KF	MHSW FEE	Miscellaneous	\$0.17	\$0.17	\$0.00	\$0.17
6	3033247CUM	SEAL-O RING	PACCAR Part	\$15.17	\$15.17	\$0.00	\$91.02
1	3687214CUM	SEAL GROMMET	PACCAR Part	\$11.37	\$11.37	\$0.00	\$11.37
8	4965698CUM	SCREW-HEX FLANGE HEAD C	PACCAR Part	\$6.76	\$6.76	\$0.00	\$54.08
1	3683144CUM	CLAMP-V BAND	PACCAR Part	\$56.10	\$56.10	\$0.00	\$56.10
1	3687223CUM	HOSE-PLAIN	PACCAR Part	\$70.99	\$70.99	\$0.00	\$70.99
1	3685124CUM	SEAL-O RING	PACCAR Part	\$6.18	\$6.18	\$0.00	\$6.18
2	3685309CUM	CLAMP-V BAND	PACCAR Part	\$26.56	\$26.56	\$0.00	\$53.12
1	3949708CUM	O RING/ISX	PACCAR Part	\$8.78	\$8.78	\$0.00	\$8.78
1	3688347CUM	GASKET-INTAKE MANIFOLD	PACCAR Part	\$60.35	\$60.35	\$0.00	\$60.35
12	CT05317	TIE-CABLE 50LB 15.5" BLK	PACCAR Part	\$0.16	\$0.16	\$0.00	\$1.92

For PACCAR Customer Support call 1-888-977-2787

Send inquiries to PO Box 10922, Shawnee Mission, KS 66225-9022 or customer_support@paccarpartsfleetservices.com

CERVUS EQUIP PETERBILT NBAY

3410 HWY 11, NORTH
NORTH BAY, ON P1B 8G3
705-472-4000

REPAIR ORDER

REVIEW

PO# 642343
WO# 449630✓

INVOICE DATE

PETERBILT OF NORTH BAY
CUSTOMER NAME
TRICAN WELL SERVICE LTD.
PACCAR FLEET CUSTOMER
6013 - 52 AVENUE
LLOYDMINSTER, AB T9V 2S7

NUMBER K2183
PHONE 875-7328
P.O. NO. PO REQUIRED
COMPLETE 06-05-18

REPAIR ORDER NUMBER
>>>> NS100259 <<<<

OPEN 05-17-18
03:12PM
SVC WTR SAW*XX
MILEAGE 211796K
LICENSE J51881
CPL/ARRG
R RATIO
TAG #
DEL MILE

SERIAL NO. 1XPTP4EX0DD162200 UNIT NO. 219342
YEAR/MAKE/MODEL - 2013 PETERBILT 367
ENGINE/MODEL/SERL 79545489
TRNS/MODEL/SERL -
RXLS MODEL/SERL -
SELL DLR DEL DATE

1 PERFORM RAPID CHECK TYPE SC45

CAUSE:

turbo failure, performed and complete service bulletin 4326040.

CORRECTION:

brought truck inside the connected to the engine, retrieved faults.
performed eds session of 2387 fault code.

Inspected turbo and exhaust for damage. Inspected turbo actuator
connector and harness. Checked turbo actuator position vs actual set
during DTC, commanded position was 50% actual was 19%.
performed the removal of the turbo actuator and found turbo sector
shaft seized, reported to the

customer and he report a turbo and a actuator has been replaced.
customer reported that there should be warranty.

brought unit back inside, removed the turbo charger, disassembled the
turbo charger, inspect and found the turbine, the shroud plate and the
nozzle ring are damage, suspecting debris when through the
thurboscharger, report to rick and advised that i was going to perform
some checks, found tsb4326040. called cummins tech support and he
advised to perform the same procedure. called back rick and advised
him that the campaign procedure must be performed.

rick returned with an ok to performed proper repair as needed.
Perform service Bulletin 4326040

removed exhaust manifold.

removed EGR COOLER and found it to be leaking antifreeze.

removed all intake piping and egr piping.

removed the intake manifold assembly.

REMOVED CAC, AND PRESSRUE WASHED OUT.

PRESSURED WASHED OUT ALL EGR PIPING.

WASHED OUT ALL EXHAUST PIPING.

REMOVED PIPE AT DOC, TO INSPECT FOR TURBO PEICES.

disassembable exhaust manifold and inspect for peices.

June 11 - Not on PACCAR

June 6-11
SK

CERVUS EQUIP PETERBILT NBAY

3410 HWY 11, NORTH
NORTH BAY, ON P1B 8G3
705-472-4000

REPAIR ORDER

REVIEW
PAGE 2

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Found no debris.
Installed CAC and condenser
Tapped out damaged holds in head from Exhaust manifold bolts installed
Exhaust manifold bolts did not have any Anti-seize on them.
installed new bolts and torqued them up to cummins spec,s
on number 1 & 6 Exhaust holes in head to see if head will take
the torque ,they hold the torque specs.
cleaned and inspected exhaust manifold, installed new seal ends.
Installed new egr cooler and torqued to spec,s.
Installed exhaust manifold end. Installed on engine block.
Installed egr flex pipe between manifold and cooler.
Installed egr valve assy and piping with egr Mass measurement
flow assemly. Installed all connections to valves.
installed intake and egr cross over pipe.
tie up electrical lines.
installed lower exhaust pipe up to the turbo.
Take all intake piping apart and clean and re installed.
Installed coolant and oil plugs ,and ran engine for 5 minutes
as per service bullentin #4326040
with out the new turbo on.
Drain coolant and installed new turbo and torqued to cummins spec,s.
Hook up aftertreatment adapter pipe and torqued to spec,s.
Installed fuel line and torque. Tied up all electrical lines.
Installed all coolant and oil feed lines, and torqued.
Installed vgt and used cummins insite to installed and calibrate
vgt. hooked up coolant and oil line.
Filled cooling system and cleared all codes.
Installed intake pipe from turbo to CAC with new hoses and clamps.
Ran engine 5 minutes to check for leaks.
perform coolant drain and Fill Deaeration Procedure.
Engine has the EGR Valve leaking at the bleed holes on top .
Re and RE EGR VALVE UNIT.
Took unit outside to run regen.
found broken clamp on decomp tube on outlet of dpf during the regen.
stopped regeneration and replaced the clamp.
Perfromed regen, completed successfully.
road test unit for 45 km, performed verification uppon return and
repair complete.

TOTAL PARTS
TOTAL MHSW - HASMAT

4,914.75
1.09

CERVUS EQUIP PETERBILT NBAY

3410 HWY 11, NORTH
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705-472-4000

REPAIR ORDER

REVIEW
PAGE 3

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>>>> NS100259 <<<<

V10H4	1	3	P	CT05317
V10H3	2	12	P	CT05512
	3	2	P	CTD6511
V11E1	4	4	P	3682710CUM
	5	1	P	3682940CUM
	6	1	P	3683940CUM
V11C4	7	4	P	4965698CUM
4D03	9	2	P	3683144CUM
	10	1	P	3686677CUM
	11	1	P	3686838CUM
	12	1	P	3686839CUM
	14	2	P	3685309CUM
V11B4	15	4	P	4298242CUM
V11C3	16	4	P	4298975CUM
V11C1	20	2	P	3627695CUM
	22	2	P	4934278CUM
	24	1	P	3922794CUM
S2B03	27	1	P	4352360RXCUM
4C03	31	2	P	2866337CUM
4D03	32	2	P	90-0013
4D03	34	1	P	90-0012
	35	1	C	3163075
	36	1	X	313KF
	39	6	P	3033247CUM
	40	1	P	3687214CUM
PNE53484	41	8	P	4965698CUM
PNE53484	42	1	P	3683144CUM
	43	1	P	3687223CUM
	44	1	P	3685124CUM
	45	2	P	3685309CUM
	46	1	P	3949708CUM
	47	1	P	3688347CUM
V10H4	48	12	P	CT05317
	49	2	P	3687051CUM
V10H4	50	12	P	CT05317
	51	1	X	313KF
12b04	53	1	P	CC7101
3A04	55	2	P	HE8716
	56	2	P	F16-6000-031B413S
V11D1	57	1	P	4928594CUM
	58	3	P	4934279CUM
4C05	59	1	P	5406049RXCUM
5A04	61	6	P	CT03316
	62	1	P	5304600CUM
	37	1	X	313KF&

TIE-15.5	0.48
TIE-CABLE	3.60
TIE-CABLE	6.38
EX GASK	69.56
GSKT-EXH	20.37
SEAL-INTE	53.55
SCREW	27.04
CLAMP-V B	112.20
TUBE-VENT	30.99
CLAMP-T B	18.57
CLAMP-T B	25.56
CLAMP-V B	53.12
STUD	43.48
NUT-LOCK	33.36
SEAL O-RI	17.28
WASHER	6.38
O-RING	2.99
KIT-EXH	2,036.23
GASKET-EX	14.86
CLAMP-V B	23.70
CLAMP-V B	14.90
PAINT,CUM	22.17
BRAK KLEE	3.39
SEAL-O RI	91.02
SEAL GROM	11.37
SCREW	54.08
CLAMP-V B	56.10
HOSE-PLAI	70.99
SEAL-O RI	6.18
CLAMP-V B	53.12
O RING/IS	8.78
GASKET-IN	60.35
TIE-15.5	1.92
CARRIER-S	49.14
TIE-15.5	1.92
BRAK KLEE	3.39
COOLANT-T	18.89
HOSE-HUMP	65.84
CLAMP-HOS	10.36
SENSOR-PR	133.75
WASHER-S	14.37
KIT,EXH R	1,507.31
TIE-CABLE	0.36
CLAMP-V B	55.35
MHSW FEE	0.17

CERVUS EQUIP PETERBILT NBAY

3410 HWY 11, NORTH
NORTH BAY, ON P1B 8G3
705-472-4000

REPAIR ORDER

REVIEW
PAGE 4

INVOICE DATE

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CUSTOMER NAME
TRICAN WELL SERVICE LTD.

NUMBER K2183
PHONE 875-7328

REPAIR ORDER NUMBER
>>>> NS100259 <<<<

B/O RELEASE PNE53484	CONFIRM # 63925	
52 1 X 313KF&	MHSW FEE	0.17
54 1 P CC7101&	MHSW FEE	0.75

2 CONDITION VOIDED - OPERATION MOVED TO REPAIR ORDER ns100422

3 get truck and trailer ready to seperate
TYPE sr08

REPORTED TO RICK AT TRICAN THAT WE HAVE PERFORMED DIAGNOSTICS AND
FOUND A FAILED TURBO. THERE WAS A TRAILER CONNECTED TO THE TRUCK AND
WAS FILLED WITH NITROGEN. WE ADVISED THAT WE COULD NOT LET THIS
TRAILER SIT IN THE SHOP. WE CONTACTED RICK TO KNOW IF THE TRAILER IS OK
TO BE SUPPORTED BY THE DOLLY LEGS AS PER SAFETY PROCEDURE. GOT A CALL
BACK AND WAS ADVISED TO VERIFY THE READING OF THE PRESSURE OF THE LOAD
AND WAS TOLD THAT THE DOLLY LEGS WILL SUPPORT THE LOAD. IT REQUIRED
FOR US TO REASSEMBLE THE TURBO ACTUATOR AND PIPING TO UNPIN THE TRUCK
IN THE YARD. RETURN THE CHASSIS IN THE SHOP AND DISASSEMBLE. RICK WAS
ADVISED OF THE EXTRA COST AND GAVE US THE OK.

TOTAL LABOR	921.60
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SHOP SUPPLIES	73.73
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ACCR-MHSW HASMAT	328.1	1.09
SLS-SVC CUST LBR TRK	461.4	921.60
SLS-SVC SHOP SUPPLY	467.4	73.73
SLS-PTS P&A RO MECH	468.4	4,914.75
H.S.T. R818861742	325C.1	768.45
PLEASE PAY THIS TOTAL	220.4	6,679.62