



DOBBS PETERBILT

3707 Airport Way S.
Seattle, Washington 98134
TF: (800) 255-7383



Invoice: **021R3384.02**
Date / Hour: 7/25/2023 8:53:09AM
Repair Order: 3384
Customer: 801156
Branch: Seat
Total Invoice: \$62,236.71
Open Account - Charge

Page 1 of 5

Bill To: Grady Excavating
46832 SE Middle Fork RD.
North Bend, WA 98045

Ship To: Grady Excavating
46832 SE Middle Fork RD.
North Bend, WA 98045
Email: ap@gradyexcavating.com

Shop: 425-423-7932

Customer P/O: G64

Open Date: 05/18/2023

Completion Date: 07/13/2023

Add User: matthew.austin

Salesperson: ataylor

Unit Number: g-64

Model Year: 2016

Make/Model: Peterbilt 367

Type: Truck

VIN: 1NPTX4EX6GD319257

Meter: 544965 Miles

In-Service Date: 06/12/2015

ECM Reading: 19090

Unit Components:

Manufacturer

Model

Part Number

Serial Number

79814002

Task: 2 518

Cooling System - Miscellaneous Repair

Department: Service

Complaint: Check engine light on dash on arrival. Coolant leaks - possibly at injector cups.

Cause: Performed Engine Swing

Old ESN: 79814602

New ESN: 60848193

Correction: Established communication to ECM and made an image. Found active FC556 - CCV Pressure High Most Severe. Checked static crankcase pressure key on/engine off, found reading at 7inHg. Found three inactive counts of FC559 - Fuel Rail PSI Low, most recent is 6 engine hours old. Performed visual inspection, found coolant in fuel water separator and evidence of carbon in coolant reservoir. No evidence of coolant in oil, but it looks like an oil change was performed recently. Found Level 3 flywheel housing leak, Level 2 front main seal leak, and rear motor mounts worn with severe wear on LH side. Steam cleaned engine compartment to get loose dirt off of engine area for clean care. Took extra time due to severe amount of buildup. Recovered refrigerant. Removed hood, cooling package, intake plumbing, fan, fan hub, A/C compressor, alternator, accessory bracket, front cover, EGR crossover tube, EGR valve, EGR venturi, turbocharger, exhaust manifold, water manifold, thermostat housing, wiring harness, wiring harness brackets, high pressure fuel lines, fuel rail, intake manifold, stabilizer brackets, fuel drain line, valve cover, internal engine harness, injectors, rocker assemblies, cam gear, adjustable idler gear, camshaft, and cylinder head. Found seven short head bolts damaged, mainly around exhaust side around cylinders #2 and #3. Inspected head gasket, found evidence of leak starting at cylinder #3 on exhaust side. Cleaned block deck and measured liner protrusion. Found cylinder #3 below specification on exhaust side at .005". Inspected removed components and found: scoring on camshaft at #6 bearing area, scoring on rocker arm rollers #1, 2 and 3 intake and #5 exhaust, detents on both rocker shafts worn, internal engine harness beginning to wick oil, seven short head bolts damaged, thermostat not holding coolant, accessory belt idler pulley, and tensioner bearings are failing. Removed aftertreatment cover, step, DPF, and DOC. Turned DPF and DOC into parts for cleaning. Removed drivelines, hydraulic pump, PTO, transmission air lines, electrical connectors, shift tower cover, shift tower, transmission cooler, transmission, coolant plumbing to engine, OEM wiring harness, charge and start harness, and front motor mount bolts. Found one of the front motor mount bolts seized in sleeve, bolt will need replaced. Drained engine oil and broke rear motor mount bolts loose. Removed engine. Removed oil pan from old engine and placed engine on jack stands. Groomed new engine with ECM, starter, PS pump, oil fill, dipstick, discharge line, AC compressor, alternator, oil fill tube, mega bracket, coolant fittings, mounting brackets, clutch, and flywheel. Supported cab and replaced rear motor mounts. Removed front cross member and pressed out front motor mounts. Removed broken bolts and installed new rive nuts for aftertreatment mounting assembly. Installed front cross member and pressed in new front motor mounts. Installed engine with weight supported. Torqued motor mount bolts to initial torque. Set engine completely down and performed secondary torque sequence. Installed transmission, drivelines, PTO, hydraulic pump, wiring harnesses, shift tower, shift linkage, cooling package, hood, intake plumbing, coolant hoses, and aftertreatment. Replaced air filters and frame mounted fuel filter. Filled cooling system with new ELC, power steering system with new ATF, and filled crankcase with new engine oil. Primed fuel system and started engine. Topped off fluids. Adjusted clutch. Cleared inactive fault codes and changed ESN. Noted original ESN, mileage, and hours of engine replacement in features and parameters under customer info. Reset aftertreatment maintenance. Pulled outside and steam cleaned engine. Began regen to bring up temperatures and check system, found exhaust outlet connection gasket leaking. Replaced clamp and gasket and restarted, no further issues. Performed road test, no issues found. Checked for leaks and topped off fluids. Needs QC.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
PTBPR	05-16401	MOUNT-ENGINE FRONT	EA	2.0	\$27.86	\$55.72
CUM10	DR7080RXCUM-C	ENGINE-ISX 15 13 B 600@1900 XPI-Core	EA	-1.0	\$9,018.75	\$(9,018.75)

Original Invoice: 021R3384.02

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EXM10	105816EXX	OIL-DELVAC 1300 SUP 15W-4	GA	11.0	\$18.67	\$205.37
Phillips15	12-93042DSP	FITTING-MALE PUSHLOCK 1/4"	EA	2.0	\$2.59	\$5.18
Tac Scr15	222-630-1	M6X30 BOLT	C	8.0	\$0.08	\$0.64
Tac Scr15	234-306-1	STEEL FULL NYLOC NUT METRIC M6-1.0 ZINC CLASS C		2.0	\$0.05	\$0.10
Tac Scr15	236-006-2	M6 WASHER	C	8.0	\$0.03	\$0.24
SPC10	250-70-18X	KIT-BEARING RETAINER	EA	2.0	\$17.28	\$34.56
CUM10	2866337CUM	GASKET-CIRCULAR 5"	EA	1.0	\$12.49	\$12.49
CUM10	2866636CUM	GASKET-CIRCULAR 4"	EA	1.0	\$12.49	\$12.49
CUM10	2871453CUM	GASKET-DPF ASSY	EA	2.0	\$32.20	\$64.40
FUL10	4305294	GASKET-SHIFT LEVER HOUSING	EA	1.0	\$8.24	\$8.24
CUM10	4988280CUM	GASKET-PUMP HYDRAULIC	EA	1.0	\$3.53	\$3.53
Tac Scr15	675-102	BRASS FIT. 61NAB-4	EA	1.0	\$0.54	\$0.54
Tac Scr15	678-301	BUSHING	EA	2.0	\$0.73	\$1.46
PTBVN	90-0012	CLAMP-V BAND 4"	EA	1.0	\$10.24	\$10.24
MISC	BAKE	DPF BAKE	EA	1.0	\$595.24	\$595.24
TRP	CB313SP	BRAKE-CLUTCH 2" LOCKING	EA	1.0	\$31.04	\$31.04
DYC10	D84-1000-6061620	BELT-POLY 6 RIBS X 1620 E	EA	1.0	\$41.15	\$41.15
TRP	D84-1000-6122180	BELT-POLY 12 RIBS X 2180	EA	1.0	\$78.77	\$78.77
CUM10	DR7080RXCUM	ENGINE-ISX 15 13 B 600@1900 XPI	EA	1.0	\$45,672.16	\$45,672.16
CUM10	DR7080RXCUM-C	ENGINE-ISX 15 13 B 600@1900 XPI-Core	EA	1.0	\$9,018.75	\$9,018.75
TRPCT	EC3501	COOLANT-TRP ELC 50/50 JUG	JG	12.0	\$10.58	\$126.96
FNST	FG2409	SLEEVE-COMPRESSION 1/4 J8	EA	1.0	\$0.67	\$0.67
MMF10	HWC04428	BOLT-HEX M20-2.50X120 CL1	EA	2.0	\$17.42	\$34.84
PTBPR	K169-163-20CA	NUT-HEX SL NYL M20-2.50X22.15T CAD	EA	2.0	\$16.40	\$32.80
PACPR	K37-1029	FILTER-ELEMENT FUEL 10	EA	1.0	\$51.23	\$51.23
PACPR	M84-6044-005	STRAP ASSY-DIESEL PARTICU	EA	1.0	\$51.57	\$51.57
DON10	P625128	AIR FILTER RADIAL SEAL	EA	2.0	\$86.27	\$172.54
PACPR	U30027	MOUNT-ENGINE REAR	EA	2.0	\$498.38	\$996.76
TRP	VH11600	KIT- O-RING- HVAC SERVICE	EA	1.0	\$3.05	\$3.05
PTBVN	W34-1095-070	BOLT-FLANGE M16X2X70 10.9	EA	1.0	\$3.39	\$3.39
	Loyalty	Paccar Loyalty Coupon		-12.0	\$1.00	\$(12.00)
	Loyalty	Paccar Loyalty Coupon		-2.0	\$2.00	\$(4.00)

Detail Tax Info:

Sales Tax

\$5,787.67

Total: \$5,787.67

Total Parts: \$48,307.37
Total Core Charge: \$9,018.75
Total Core Ret: \$(9,018.75)

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Add User: matthew.austin

Salesperson: ataylor

Total Labor:	\$7,011.16
Total Miscellaneous:	\$(16.00)
Total Environmental Fee:	\$200.00
Total Shop Supplies:	\$946.51
Invoice Subtotal:	\$56,449.04
Total Tax:	\$5,787.67
Total Invoice:	\$62,236.71

Payment Method

Terms

Due Date

Open Account - Charge

Net 30 Days

8/24/2023

Remit To

Dobbs Peterbilt - Seattle, WA
P.O. Box 35144 #1022

Seattle, WA 98124-5144



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LIMITED WARRANTY

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

WHO IS COVERED: The Dealership issuing this invoice (the "Dealership") offers this limited warranty to only you, the customer listed on this repair order/invoice. It does not extend to any subsequent owner. It cannot be transferred to any other person.

WHAT IS COVERED: The Dealership warrants the workmanship of our labor performed in conjunction with repairs for 90 days (the "Warranty Period"). Said Warranty Period commence on the date ("Invoice Date") that the repairs are completed. The following items will void this Limited Warranty; if the failure was caused by misuse, abuse, lack of or improper maintenance, accident, alterations, overheating, and/or lack of lubrication or coolant. For any failure caused by the Dealership's workmanship (labor) covered by this Limited Warranty, the Dealership will either repair or replace such failure, at its option, in the Dealership facility.

YOUR RESPONSIBILITIES: All items must be returned to our shop with transportation charges prepaid for our inspection and determination within 60 days from the date of the sales invoice covering said items. The customer is required to return the vehicle to the Dealership or authorized repair facility at the customer's expense. You must retain copies of your Repair Orders/Invoices, and, upon request, be able to present them to us when requesting coverage under this Limited Warranty. Upon return of the vehicle to you, you must pay for any parts, labor, products, expenses, freight and taxes that the Dealership is not obligated to provide or pay for under this Limited Warranty.

WHAT IS NOT COVERED: Repairs which are still covered by a manufacturer's warranty or recall or other third party warranty/service contract. The Dealership's Limited Warranty shall be secondary to any such warranty or service contract that provides coverage for repair claims covered hereunder. Damage caused by you for failure to use manufacturer approved fluids, or the lack thereof, including but not limited to oil, antifreeze, and DEF. Any failure or damage resulting from your failure to perform maintenance in accordance with the manufacturer's recommendations; your failure to maintain appropriate fluid levels (e.g. oil, water, DEF, transmission fluid); your continued operation of the vehicle after warning light notification; modification or operation of the vehicle in a manner that is not in conformance with the manufacturer's specifications or intended use; an accident or collision; your use of improper or contaminated fluids including fuel, and/or misuse, abuse, tampering, negligence, theft, vandalism, or acts of nature or God. Parts installed and/ or repairs performed on vehicles used primarily for off road competition or engaging in a contest of speed or endurance of any type.

INSPECTION RIGHTS: The Dealership reserves the right to inspect the vehicle and any parts removed from or installed in the vehicle both prior to and after a repair is performed pursuant to a claim made under this Limited Warranty

EXCLUSIVE REMEDY: The performance of labor to effect repairs is the exclusive remedy available under this written Limited Warranty. THE PERFORMANCE OF LABOR TO EFFECT REPAIRS IS YOUR SOLE AND EXCLUSIVE REMEDY AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE LABOR WE SUPPLIED, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

IMPLIED WARRANTY DISCLAIMER: The only warranty on parts and products sold in conjunction with repairs performed by the manufacturer or supplier of said parts or products. Except for the limited warranty on the workmanship of our labor, the Dealership expressly disclaims all implied warranties including any implied warranties of the merchantability and fitness for a particular purpose for any period beyond the Warranty Period. WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE DURATION OF WARRANTY PERIOD.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

NO ASSUMPTION OF LIABILITY: The Dealership does not authorize any other person to assume for it any liability in connection with the sales of any parts or products of this repair.

THE FOLLOWING APPLIES TO ALL OF OUR CUSTOMERS

STORAGE CHARGES: I understand and agree that a daily storage charge may be assessed if I fail to pick up the vehicle after being notified that the repairs have been completed. Storage charges will accrue at the rate of \$45.00 per day beginning 15 days after the repair has been completed. Storage fees will also accrue at the same charge if I fail to authorize repairs to be performed within three days after the date of communication from the Dealership.

DISASSEMBLY/REASSEMBLY CHARGES: If you authorize disassembly of the vehicle or a vehicle component to provide an estimate or commencement of repairs and do not authorize completion of a repair or service, a charge will be imposed for disassembly, reassembly or partially completed work and you agree to pay the same. Such charges will be directly related to the actual amount of labor and parts involved in the inspection, repair or service. I have been advised that disassembly of the vehicle may prevent restoration of the vehicle to its prior condition.

DELAYS AND LEGAL LIABILITY: I understand and agree that the Dealership is not responsible for any delays caused by unavailability of parts or shipping by the supplier or transporter or any losses or downtime relating to such delays, nor is it responsible for loss or damage to the vehicle or articles left in the vehicle in the event of fire, theft, or any other cause beyond its control. The Dealership will not be responsible for personal property. You and your representative agree to hold the Dealership harmless and not liable for any missing or damaged property.

WARNING: Products being sold to you can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other



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reproductive harm. For more information go to www.P65Warnings.ca.gov.

Customer Signature: _____ Date: _____