



DOBBS PETERBILT



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

Bill To: Hos Brothers Construction
P. O. BOX 1788
PO Box 1788
WOODINVILLE OUTSIDE, WA 98072
Shop: 4252363961

Ship To: Hos Brothers Construction
P. O. BOX 1788

Customer P.O.: Required
Created By: Journal Moore
Completion Date:

Unit Number: 1848
Model Year: 2016
Make/Model: Peterbilt 367
VIN: 1NPTX4EX6GD319243
Meter: 332304 Miles
ECM Reading: 15193

Task: 1 507 Brake System - Miscellaneous Repair Department: Service

Complaint: Recall Campaign [20PBC]: Tractor ABS Lamp May Not Illuminate When ABS Controller Loses Battery and/or Ignition Power
Cause: Recall Campaign [20PBC]

Correction: Updated: P30-1031-111 -> P30-1031-123.
Established communication to CECU with ESA. Updated CECU software from P30-1031-111 to P30-1031-123. First attempt failed.
had to update again and flash with parameters downloaded from ECAT.

Supp. Part Description / Ref Number U/M Quantity Price Ext Price

Task 1 Subtotals: Parts: \$0.00 Labor: \$0.00 Task 1 Totals: \$0.00

Task: 2 99V Dobbs Courtesy Inspection Department: Service

Complaint: Perform Dobbs Courtesy Inspection
Correction: Performed Dobbs Courtesy Inspection. Found front and rear motor mounts worn, rear main seal leaking, and oil leak at front of engine - possibly air compressor mounting or gear housing seal.

Supp. Part Description / Ref Number U/M Quantity Price Ext Price

Task 2 Subtotals: Parts: \$0.00 Labor: \$0.01 Task 2 Totals: \$0.01

Task: 3 518 Cooling System - Miscellaneous Repair Department: Service

Complaint: Customer states: Coolant system over-pressurizing.
Cause: Swing engine.

*** Customer Review ***
Date / Time: 8/18/2023 3:04:46PM
Repair Order: 3703
Customer: 413689
Branch: Seat
Invoice Total: \$64,668.05
Open Account - Charge
Page 1 of 6



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Required

Correction:

Established communication to ECM and made image. Found signs of rear main seal leaking, motor mounts are severely worn and oil leak near air compressor mounting. Opened EDS case#: DSCCL8237. Coolant temperature accurate and pressure cap functions as designed. Started stationary regeneration to raise temperature. Partially drained coolant in surge tank and checked for combustion gases, got an immediate positive result for combustion gases in cooling system. Uploaded picture of fluid to TruVideo. ***Recommend either overhaul or swing engine.***
Customer approved swing engine.
Steam cleaned engine compartment and pulled into shop. Removed exhaust elbow and checked for coolant contamination in soot. Found no evidence of coolant in EGR cooler outlet elbow. Pressure washed unit and pulled into shop to begin engine swing. Drained coolant, engine oil, and evacuated A/C system. Removed GAC piping, air filter inlet piping, alternator, and A/C compressor. Removed all coolant lines to engine from frame, engine fan, fan shroud, fan hub air line, and aftertreatment system. Sent aftertreatment system out for cleaning. Removed all wiring to engine, bellhousing bolts, supported transmission, and engine mounting bolts. Removed engine from frame and set on jack stands. Removed all OEM components from engine and swapped over to new engine. Swapped ECM over to new engine. Removed clutch and flywheel. Sent flywheel out to be resurfaced. Installed flywheel, clutch, and front motor mount. Installed engine into frame. Installed all electrical connections, pipes, and lines. Filled cooling system and engine oil. Removed and replaced chassis fuel filter.
Installed hood assembly, primed fuel system, topped off coolant, and calibrated ECM revision. Reset aftertreatment maintenance, trip recorder, and fuel injectors. Need to reassemble new aftertreatment once new DOC arrives.
8/16/2023 1:48:25 PM 12174 Checked on DOC with parts department.
8/17/2023 1

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Ext Price
Automan15	M17496	REAR ENGINE MOUNT	EA	2.00	175.85	351.70
CUM10	2871453CUM	GASKET-DPF ASSY	EA	2.00	32.20	64.40
CUM10	DR7080RXCUM	ENGINE-ISX 15 13 B 600@1900 XPI	EA	1.00	45,672.16	45,672.16
CUM10	DR7080RXCUM-C	ENGINE-ISX 15 13 B 600@1900 XPI-Core	Inherent	1.00	9,018.75	9,018.75
DON10	X011622	FILTER-AIR PACCAR 15" PRF FIT	EA	2.00	146.97	293.94
DYC10	D84-1000-6081620	BELT-POLY 6 RIBS X 1620 E STANDARD	EA	1.00	41.15	41.15
MME10	HWC04428	BOLT-HEX M20-2.50X120 CL1	EA	2.00	17.42	34.84
MME10	HWC05722	WASHER-ROUND M20X37X4 HDN	EA	4.00	2.32	9.28
PACPR	K37-1029	FILTER-ELEMENT FUEL 10	EA	1.00	51.23	51.23
PTBPR	05-16401	MOUNT-ENGINE FRONT	EA	2.00	28.32	56.64
PTBPR	K169-163-20CA	NUT-HEX SL NYL	EA	2.00	16.40	32.80
PTBVN	W34-1095-070	BOLT-FLANGE M16X2X70 10.9	EA	8.00	3.39	27.12
TRP	CT05612	TIE-CABLE 120LB 15.25" B	EA	100.00	0.29	29.00
TRP	D84-1000-6122180	BELT-POLY 12 RIBS X 2180	EA	1.00	78.77	78.77
TRPCT	EC3501	COOLANT-TRP ELC 50/50 JUG	JG	12.00	10.58	126.96
Levns15	AMRPZAA734	ZEP N/C BRAKE CLNR 12/14OZ	EA	2.00	5.48	10.96
CUM15	3163075	APEX RED (ISX) PAINT	EA	1.00	23.45	23.45
SEA21	18	FLYWHEEL TURN	EA	1.00	114.62	114.62
BCA10	6306LLUA1C3/ZE	BEARING	EA	1.00	13.82	13.82
CUM10	4988280CUM	GASKET-PUMP HYDRAULIC	EA	1.00	3.53	3.53

Payment Method
Charge

Totals	Total Parts:	\$47,534.22
	Total Core Chg:	\$9,018.75
	Total Core Ret:	(\$9,018.75)
	Total EHC:	\$0.00
	Total Labor:	\$9,921.61
	Total Miscellaneous:	\$0.00
	Total Environmental Fee:	\$200.00
	Total Shop Supplies:	\$1,000.00
	Invoice Subtotal:	\$58,655.83
	Total Tax:	\$6,012.22
	Invoiced Total:	\$64,668.05

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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 or 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 Order/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 data 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.

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Journi.Moore

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

Customer Signature: _____

Date: _____

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