

2018 Peterbilt 1XPXD49X7JD485644

<u>DATE</u>	<u>DESCRIPTION</u>	<u>Miles</u>
07-02-2020	Engine Overhaul	221223
07-23-2022	New Fan Hub	431727
02-21-2023	New DPF Filter	472571
06-18-2023	Drive Tires	493532
08-04-2023	New Alternator	498859
02-17-2024	Rear Brakes	509766
02-26-2024	Steer Tires	514252
08-02-2024	New DEF Pump	535877
12-20-2024	New Batteries (4)	536072

Invoice Number: R00523700081877	
Service Date	Invoice Date
8/02/2024	8/12/2024

Serial Number	Unit Number	Make / Model	Year	License Number	Mileage
1XPXD49X7JD485644	76	Peterbilt/389	2018		535877

OPERATION 1

COMPLAINT: T/S AND ADVISE WITH ESTIMATE, T/S 3574 DEF PSI FAULT, TRUCK GOT LAID OVER ON SIDE, HAD REPAIRED AND LEFT (1.5HRS LATER CEL/DEF LIGHT ON/OFF, W/LIGHT ON HAD POWER ISSUES)

VMRS CODE: 05-043-006-069-03-33
05-043-006-069-09-33
05-043-007-001-02-64

CORRECTION: REPLACE WITH NEW-PUMP - DOSER-EXHAUST AFTER-TREATMENT DEVICES-REGISTERS INCORRECTLY TROUBLESHOOTING-PUMP - DOSER-EXHAUST AFTER-TREATMENT DEVICES-REGISTERS INCORRECTLY CLEAN-TANK - DIESEL EXHAUST FLUID-SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR)-PLUGGED / RESTRICTED PULLED TRUCK INSIDE AND INSPECTED FAULTS. HAD DEF PRESSURE FAULTS. PRIMED THE DEF SYSTEM. VERIFIED THE PUMP BUILT AND MAINTAINED PRESSURE. TRUCK HAD NO DEF LEAKS. REMOVED DEF SCREEN FILTER AND IT WAS A LITTLE BLACK BUT NOT TERRIBLE. REMOVED THE INLET SCREEN FILTER FROM THE DEF PUMP AND FOUND IT HAD SOME CONTAMINATION ON IT. REMOVED SCREEN FILTER FROM DEF DOSER AND IT DID NOT HAVE ANY CONTAMINATION. RECOMMEND DEF PUMP. NEED TO CONTINUE WITH DEF PRESSURE DIAGNOSTICS. GOT COVER OFF AND DEF OUT. PULLED DEF LINES. TANK IS OUT PULLED SENDING UNIT AND HEATER PULLED CLEANED TANK JUST NEED TO BLOW OUT. REPLACED DEF PUMP. GOT TANK MOUNTED AND CLEANED OUT LINES AND HOOKED EVERYTHING UP. TANK NEEDS TIGHTENED DOWN AND COVER FOR DEF FILTER NEEDS PUT ON. FINISHED INSTALLING DEF TANK AND PUMP COVERS, HOOKED THE SENDING UNIT UP AND ONE LINE THAT WAS LOOSE. WENT TO BACK OUT UNIT AND NOTICED LOW FUEL LIGHT ON. INFORMED CUSTOMER AND GOT APPROVE TO ADD FUEL. TOOK TRUCK TO FLYING J FOR FUEL. RUNNING A REGEN NOW REGEN PULLED CODES AFTER REGEN NO CODES SHOWN IN ECM NEEDS A ROAD TEST TEST DRIVE TRUCK TO SOLOMON AND BACK - NO FURTHER FAULTS, PARKED TRUCK

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OPERATION 1

RF4388378	DIESEL EXHAUST FLUID (1
300009DEF2.5	DEF 2.5 GALLON JUG	4
085471WMA	KIT-FILTER REPLACEMENT	1
RX5506956RXCUM	PUMP, EPA 17 DOSER	1
CX5506956RXCUM	PUMP, EPA 17 DOSER	1
CR5506956RXCUM	PUMP, EPA 17 DOSER	1
15154IMP	M8 1.25X25CAP SCREW	2
76171IMP	LW	2
76512IMP	WASHER FLAT 5/16	2
RF1135298	BRAKE CLNR.	2
HWC12726	NUT-HEX SL NYL M6-1.00	1
SUBLET	FUEL/SUBELPO#2092405	1
PC DIAGNOSTIC	MACHINE PC DIAGNOSTI	1

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REPAIR ORDER SUMMARY	AMOUNT
Labor Total	
Parts Total	
Sublet	
Shop Supplies	
Sales Tax	
Machine Charge	

TOTAL DUE

3,994.63

Invoice Number: R00523700079219

Service Date	Invoice Date
2/17/2023	2/21/2023

Serial Number	Unit Number	Make / Model	Year	License Number	Mileage
1XPXD49X7JD485644	76	Peterbilt/389	2018		472571

OPERATION 1

COMPLAINT: T/S FOR VGT FAULT OCCURED RUNNING REGEN

VMRS CODE: 05-043-004-074-03-33

CORRECTION: REPLACE WITH NEW-ACTUATOR - TURBOCHARGER WASTEGATE-
TURBOCHARGER ASSEMBLY-REGISTERS INCORRECTLY
PULLED UP TROUBLESHOOTING AND THERE WERE NO CONTRIBUTING
FAULTS. CHECKED TO VERIFY WIRING, CONNECTION, POWER/GROUND
AND RESISTANCE WAS GOOD. T/S SAYS REPLACE ACTUATOR. PUT IN
REQUEST FOR ACTUATOR AND THEN FOUND TURBO SPEED SENSOR HAS
BEEN RUBBING AND NEEDS TO BE REPLACED. GOTTEN PARTS NEEDED,
DRAINED COOLANT, REMOVED AND REPLACED TURBO SPEED SENSOR,
REMOVED PLUMBING AND VGT ACTUATOR. PERFORMED
INSTALL/CALIBRATE GETTING NEW ACTUATOR INSTALLED. CLEARED
FAULTS, REFILLED COOLANT, RAN ENGINE AND VERIFIED COOLANT
FULL. BACKED OUT AND PERFORMED 2ND REGEN TO VERIFY ALL OK
AND NO FAULTS RETURNED. RETURNED CORE TO PARTS.

5.0 Hours

5643241CUM	KIT, SPEED SENSOR	1
RX6374772RXCUM	KIT, TURBO ACTUATOR	1
CX6374772RXCUM	KIT, TURBO ACTUATOR	1
CR6374772RXCUM	KIT, TURBO ACTUATOR	1

Total C

OPERATION 2

COMPLAINT: REPLACE DPF FILTER, CLEAN DOC, RESET FAULTS (5383) AS
NEEDED

VMRS CODE: 01-043-006-003-02-00
01-043-006-017-03-64

CORRECTION: CLEAN-MODULE - DIESEL OXIDATION CATALYST (DOC)-EXHAUST
AFTER-TREATMENT DEVICES-NO FAILURE
REPLACE WITH NEW-DPF FILTER - DIESEL PARTICULATE, EXHAUST-
EXHAUST AFTER-TREATMENT DEVICES-PLUGGED / RESTRICTED

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CONTINUED

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Service Date	Invoice Date
2/17/2023	2/21/2023

OPERATION 2

HOOKED UP LAPTOP AND PRINTED FAULTS. 5383 ACTIVE NEEDS DPF REPLACED. REMOVED SIDESTEP AND COVER. GOT DOC AND DPF OFF, GOT DOC CLEAN. GOT OLD GASKET MATERIAL CLEANED OFF ALL MATING SURFACES. REINSTALLED DOC AND NEW DPF WITH NEW GASKETS. TIGHTENED ALL CLAMPS TO SPEC. INSTALLED SENSORS AND TIGHTENED TO SPEC. INSTALLED FRAME AND STEP. RESET FILTERS. REGENED UNIT. REGEN COMPLETED WITH NO FAULTS ON ATD SIDE BUT HAD FAULT FOR VGT ACTUATOR, ADVISED SERVICE DESK.

Labor Total --

2880213CUM	CLAMP-V BAND 5.5"	1
2880215CUM	5" FAT GSK.	1
5633757CUM	KIT, PARTICULATE FILTER	1
PC DIAGNOSTIC	MACHINE PC DIAGNOSTI	1

Total Operation 2 --

OPERATION 3

COMPLAINT: REPLACE 5TH WHEEL TOP PLATE (TEFLON PLATE BROKEN)

VMRS CODE: 01-059-001-033-03-44

CORRECTION: REPLACE WITH NEW-DISK - LUBRICATING, LOWER COUPLER PLATE- FIFTH WHEEL - LOWER COUPLER ASSEMBLY-WORN
TOOK OFF ONE PLATE ON LH SIDE, INSTALL A NEW SET PLATES ON 5TH WHEEL AS NEEDED

Labor Total --

RK331-1	KIT-PLATE LOW LUBE	1	411.75
			Parts Total --
			Total Operation 3 --

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Serial Number	Unit Number	Make / Model	Year	License Number	Mileage
1XPXD49X7JD485644	76	Peterbilt/389	2018		221223

OPERATION 1

COMPLAINT: VEHICLE INSPECTION
VMRS CODE: 05-999-999-999-30-00

CORRECTION: WORK INCOMPLETE-TOTAL VEHICLE-TOTAL VEHICLE-NO FAILURE

Labor Total --
Total Operation 1 --

OPERATION 2

COMPLAINT: REPAIR FOR DUSTED ENGINE
VMRS CODE: 01-045-000-000-24-15

CORRECTION: REPAIR-POWER PLANT-POWER PLANT-FOREIGN MATERIAL PRESENT
T/S FOR CRANKCASE FAULTS 0556 & 0555, CHECK CRANKCASE PSI
SENSOR FINDING IT READING IN SPEC. INSTALL MONOMETER AND
TEST DRIVE, HAVE 31H20" READING ON MONOTOMER. OPEN EDS AND
CALL TECH SUPPORT, ESC TO TIER3, UPLOADED ECM IMAGE.
PERFORMED AIR INTAKE INSPECTION, FOUND DIRT IN INTAKE PIPING
TO TURBO. REMOVE AIR CLEANER LIDS AND INSPECT, FOUND DIRT
ENTERING FROM AROUND LID GASKETS FOR AIR FILTERS. TAKE
PICTURES AND ADVISE ON FINDINGS. CALLED TECH SUPPORT AND
ADVISE ON FINDINGS. PER TIER 3 AND FOLLOWED AS INSTRUCTED,
INSPECT AIR COMPRESSOR INLET PIPING AND SEALS. FINDING DIRT
HAS ENTERED AIR COMPRESSOR SIDE, SEALS ALL OK. SUBMIT
PICTURES, AND CALLED BACK TO HAVE REVIEWED. TIER LEVEL
REVIEWED AND WITH RESPONSE FROM TECH SUPPORT. ADVISED THAT
ENGINE DUSTED FROM DIRT INTRUSION FROM AIR FILTER SEAL
CAUSING ISSUE, AND ENGINE WILL NEED PISTON, LINERS, RINGS,
ROD BEARINGS REPLACED, FOLLOW SB5613318 WILL NEED HEAD AND
AIR COMPRESSOR REPLACED. WILL DISASSEMBLE CLEAN AND INSPECT
OTHER COMPONENTS AS TO REUSE AND IF BAD WILL NEED THEM
REPLACED AS WELL. REASSEMBLE AIR COMPRESSOR INLET TUBING
WITH NEW O-RING AND USE O-RING LUBE ON NEW O-RINGS. MOVED
TRUCK INTO BAY WITH HOIST AS NEEDED. START ENGINE
DISSEMBLY, ORDERING PARTS NEEDED. DRAINED COOLANT, REMOVED

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OPERATION 2

CABLES/SPRINGS ON HOOD TO TILT OPEN AND SUPPORTED. REMOVED COOLANT HOSES, ALL INLET PIPING, AIR FILTERS, RECOVERED FREON, UNHOOKED A/C LINES AND PLUGGED OFF ALL PORTS. REMOVED HARDWARE AND PULLED COOLING PACK ASSEMBLY (RAD/CAC/COND). REMOVED SHROUD, FAN, BELTS, FAN HUB, TENSIONER, ALTERNATOR/AC COMPRESSOR AND MOUNTING BRACKET ASSEMBLY. DISASSEMBLED RH SIDE, UNHOOKED EXHAUST FROM TURBO, REMOVED PLUMBING AND REMOVING TURBO ASSEMBLY. SEPARATED TURBO CASE, CLEANED AND INSPECTED TO VERIFY OKAY TO REUSE, REASSEMBLED TURBO. REMOVED CROSSOVER TUBE, EGR PIPING, EGR VALVE AND EGR COOLER. TOOK EGR COOLER AND WASHED OUT, BACK FLUSH FOR ANY POSSIBLE DEBREE AS TO SERVICE BULLETIN. MOVED TO LH SIDE OF ENGINE, GETTING REST OF ELECTRICAL UNHOOKED, DISCONNECTED FUEL LINES, REMOVED ALL HIGH PSI FUEL LINES, FUEL TRANSFER. FINISHED GETTING INTAKE MANIFOLD REMOVED. REMOVED FRONT COVER, MARKED BALANCER AND TDC. REMOVED TENSION AND GETTING IDLER AND CAM GEAR REMOVED. REMOVED VALVE COVER AND FOUND #1 CAM SHAFT INTAKE LOBE FLAKING AND THE #1 INTAKE ROCKER ROLLER ALSO IS FLAKED. ALL THE REST OF THE ROCKER ROLLERS ARE OK. WILL NEED NEW CAM SHAFT AND INTAKE ROCKER REPLACED (STEP 3 CUMMINS PART WARRANTY, REPLACING PART ONLY). UNHOOKED ELECTRICAL, REMOVED ALL TOP END ROCKER ASSEMBLIES OFF, REMOVED ALL INJECTORS AND BAG AS PER CYLINDER REMOVED. REMOVED INTERNAL HARNESS OUT OF HEAD. REMOVED CAM SHAFT, ALL HEAD BOLTS, AND REMOVING CYLINDER HEAD. NOTING #6 LINER IS POLISHED AND SCORED FROM THE DEBREE GETTING IN ENGINE. CLEANED BLOCK AND PERFORMED LINER PROTUSION TO VERIFY ALL IN SPECS (BETWEEN .009 AND .010"). DRAINED OIL, REMOVED OIL PAN, PICKUP TUBE, BLOCK STIFFENER, OIL PUMP. REMOVED ALL PISTON OIL NOZZLES, REMOVING PISTONS AND LINERS. REMOVED OIL FILTER AND OIL COOLER HOUSING, REMOVING THE ELEMENT AND CLEANED HOUSING ASSEMBLY. CLEANED BLOCK PORTS, CLEANED HOUSING PLATE. INSTALLED NEW OIL COOLER ELEMENT ON HOUSING WITH PROPER GASKETS AND SECURED ALL TO SPECS. REINSTALLED HOUSING ASSEMBLY WITH NEW MOUNT HOUSING GASKET AND ALL HARDWARE TIGHTENED TO SPECS. REMOVED AND REPLACED OIL BY-PASS RELIEF VALVE IN HOUSING. WITH ALL PARTS HERE BUT CAM SHAFT THAT WAS ORDERED IN. REMOVED AND REPLACED ALL MAIN BEARING AND THRUST WASHERS AS NEEDED, TIGHTENED ALL BOLTS TO PROPER TORQUE SPECS. CLEANED CYLINDER WALLS ON BLOCK, PUT NEW SEAL RINGS ON LINERS AND PUT IN BLOCK. TOOK ALL PISTONS OFF CONNECTING RODS, INSTALLED NEW PISTONS AND RINGS, GETTING PISTONS PUT ON ALL NEW LINERS. GETTING ALL ROD BEARINGS INSTALLED AND TORQUING ALL CAP BOLTS TO SPECS. CLEANED AND REINSTALLED ALL PISTON COOLER NOZZLES. INSTALLED NEW OIL PUMP ASSEMBLY, REINSTALLED BLOCK STIFFENER. REINSTALLED OIL PICKUP TUBE WITH NEW ORING, CLEANED OIL PAN AND REINSTALLING WITH NEW GASKET, TIGHTENING ALL MOUNT BOLTS TO SPECS. CHECKED AND VERIFIED DRAIN PLUG ON OIL PAN IS TIGHTENED. CLEANED NEW REMAN HEAD AND INSTALLED ON BLOCK WITH NEW MOUNT GASKET. CLEANED AND INSPECTED TO REUSE ALL HEAD BOLTS. INSTALLED HEAD BOLTS AND THEN PROPERLY TORQUING THEM AS NEEDED. 1ST

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OPERATION 2

TIME 150'LBS AND THEN TORQUED TO 300'LBS. AFTER THAT MARKING HEAD BOLTS AND TURNED THEN 90DEGREE TIGHTER AS REQUIRED. FOREMAN WAS FOLLOWING AND VERIFIED HEAD WAS PROPERLY BEING TORQUED WITH HIS HELP. REMOVED ALL FITTING AND PLUGS FROM OLD AND INSTALLED ON NEW HEAD. REMOVED THERMOSTAT HOUSING ASSEMBLY FROM OLD HEAD AND CLEANING MATING SURFACE, REINSTALLING ASSEMBLY ON NEW HEAD WITH NEW MOUNT GASKET, TIGHTENED TO SPEC. CLEANED INTAKE AND INSTALLED WITH NEW MOUNT GASKET, SECURED TO SPEC. REINSTALLED FUEL ASSEMBLY, SENSORS AND CONNECTED ELECTRICAL ON LH SIDE OF ENGINE. MOVED TO RH SIDE, INSTALLING EXHAUST MANIFOLD WITH NEW GASKETS AND SECURED MOUNTING BOLTS TO SPECS. REINSTALLED EGR COOLER. REMOVED AND INSTALLED NEW TURBO STUD BOLTS, REINSTALLING TURBO ASSEMBLY WITH NEW MOUNT GASKET.. REINSTALLING TURBO PLUMBING WITH NEW GASKETS AS NEEDED. RECONNECTED EXHAUST CONNECTION ON BACK SIDE OF TURBO. REMOVED BAD ROCKER ARM ASSEMBLY ON #1 INTAKE AND INSTALLED NEW ON SHAFT. TOOK EACH INJECTOR, REMOVED ALL ORINGS OFF, CLEANED INJECTORS AND INSTALLING NEW ORINGS. REINSTALLED EACH INJECTOR BACK IN THERE PROPER CYLINDERS AS NEEDED, REINSTALLED HOLD DOWNS AND TIGHTENED HOLD DOWN BOLTS TO SPECS. INSTALLED INJECTOR HARNESS IN HEAD AS NEEDED AND WAITED ON CAMSHAFT TO ARRIVE. GETTING CAM SHAFT IN, INSTALLING CAM SHAFT, GETTING CAM GEAR AND IDLER INSTALLED, PINNED AND TIMED ENGINE, SETTING BACK LASH TO SPEC. REMOVED PIN OUT, AND RAN OVERHEADS, GETTING ELECTRICAL ALL CONNECTED. CLEANED VALVE COVER AND REINSTALLED WITH NEW MOUNT GASKET, TIGHTENED HARDWARE TO SPECS. REMOVED AIR PIPING ON AIR COMPRESSOR, REMOVING AIR COMPRESSOR, CLEANED MATING SURFACE. INSTALLED NEW REMAN AIR COMPRESSOR WITH NEW MOUNT GASKET, AND SECURED ALL MOUNTING BOLTS. REINSTALLED AIR COMPRESSOR AIR PIPING AS NEEDED. TRANSFERRED FUEL RAIL ASSEMBLY, GETTING TRANSFER TUBES, FUEL LINES AND FUEL LINE CONNECTIONS RECONNECTED AND PROPERLY TIGHTENED TO SPECS. REINSTALLED EGR VALVE, EGR PIPING AND CROSSOVER TUBE WITH NEW SEAL RINGS AND GASKETS. CLEANED FRONT COVER, REINSTALLING COVER WITH NEW SEAL AND SECURED ALL MOUNTING BOLTS TO SPEC. REINSTALLED BRACKET, ALTERNATOR AND AC COMPRESSOR ON. REINSTALLED BELT TENSIONER AND IDLER, REINSTALLING FAN HUB AND RECONNECTED AIR LINE. RECONNECTED ALL ELECTRICAL ON RH SIDE, THEN REINSTALLING FAN AND SHROUD. TOOK COOLING PACK TO WASHBAY, SEPARATED THE CONDENSOR AND CHARGE AIR COOLER OFF RADIATOR ASSEMBLY. TOOK AND CLEANED OUT THE CHARGE AIR COOLER FROM ANY POSSIBLE DIRT DEBREE IN IT AND LET IT DRAIN OUT. BLEW SHOP OUT ON INTAKE SIDE TO REMOVE WATER AND ANY THING ELSE FROM THE COOLER. WHILE CHARGE AIR COOLER WAS DRAINING, WASHED OUT RADIATOR FINS AND AC CONDENSOR FINS FROM AND DEBREE. ONCE CHARGE AIR COOLER WAS DRY, ASSEMBLING COOLER ON RADIATOR AND REINSTALLING AC CONDENSOR TO ASSEMBLY COOLING PACK. BROUGHT BACK TO TRUCK AND THEN REINSTALLED COOLING PACK ON TRUCK, REATTACHED HARDWARE AND SECURED ALL. TOOK ALL CAC, AIR INLET PIPING, CROSSOVER PIPING TO WASHBAY AND CLEANED ALL DIRT DEBREE,

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OPERATION 2

LETTING IT DRY OUT. REMOVED AIR FILTERS FROM BOTH CANISTERS, CLEANING BOTH CANISTERS AND THE INLETS OF THE CANISTERS FROM ALL THE DIRT DEBREE AS NEEDED. INSTALLING NEW FILTER, REPLACING THE LID FILTER MOUNTING GASKETS ON THE CANISTERS, REINSTALLING THE LIDS AND SECURED, GETTING THE CANISTER INLET TOPS INSTALLED. RECONNECTED ALL COOLANT PLUMBING AND HOSES ON ENGINE, REINSTALLED CAC PIPING, CROSSOVER PIPING AND AIR INLET PIPING. REMOVED PLUGS, RECONNECTED AC LINES WITH NEW SEALS AS NEEDED. HOOKED UP AC MACHINE AND PULLED VAC, HELD TEST 20MINS TO VERIFY IT PASSED, RECHARGING SYSTEM BACK TO SPECS THAT WAS ORIGINALLY RECOVERED. FILL OIL IN OIL FILTER AND INSTALLED, FILLING ENGINE WITH NEW OIL. REFILLED COOLING SYSTEM, PRIMED FUEL SYSTEM AND STARTED TRUCK. RAN AND RECHECKED TO VERIFY NO OIL OR COOLANT LEAKS. RAN TO TEMP AND SHUT OFF, ADDING COOLANT AS NEEDED TO TOP OFF. GOT TIRES AND WENT AROUND AND SECURED ALL THE ELECTRICAL AND NEEDED TO HOLD IN PLACE. MOVED TRUCK BACK TO WASHBAY AND STEAM CLEANED ENGINE. SHOP FOREMAN TEST DROVE TRUCK TO SOLOMON AND BACK, RETURNING TO SHOP AND RECHECKED TO VERIFY ALL OK AND NO LEAKS, ADDING MORE COOLANT TO TOP OFF AS NEEDED. PAINTED ENGINE AND FOREMAN TOOK TRUCK ON LONG TEST DRIVE TO ELLSWORTH AND BACK, RETURNING BACK TO SHOP. PULLED TRUCK IN AND VERIFIED ALL LEVELS ARE FULL AND NO LEAKS. PULLED TRUCK OUT, CLEANED BAY FROM REPAIRS, TAGGING WARRANTY PARTS FOR STEP 3 AS NEEDED, RETURNING ALL CORES BACK TO PARTS.

X011623	PACCAR 15" PRF FIT AIR	2
5406187CUM	GASKET	1
5405828CUM	PISTON, ENGINE (KIT)	6
5472970CUM	KIT, LINER	6
2882087CUM	SET-ROD BEARING	6
3347939CUM	SEAL, O RING	6
500010011	ROTELLA T4 TRIPROT 10W	12
LF14000NNFLG	FILTER	1
CT05317	TIE-CABLE 15.5" LONG	30
105FBC	LUBERPLATE (03494)	1
192500R	ORING LUBE.	1
4026684CUM	GASKET, OIL PAN	1
4393172CUM	SEAL, O RING	1
5264570CUM	GASKET-DRAIN OIL	1
3963991CUM	WASHER, SEA.	2
3627695CUM	SEAL, O-RING	1
3922794CUM	SEAL, ORINGISK	2
3104230CUM	GASKET, EXH GAS RCN VAL	2
4973532CUM	GASKET-CORE OIL COOLER	2
CR3691253RXCUM	HEAD, CYLINDER	1
CR5532492RXCUM	CORE-CRDITOIL PUMP	1
CR3689649RXCUM	COMPRESSOR, 1 CYL AIR	1
RX3691253RXCUM	HEAD, CYLINDER	1
CX3691253RXCUM	HEAD, CYLINDER	1
RX5532492RXCUM	PUMP-LUBE KIT	1

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CX5532492RXCUM	CORE-CHRGEOL PUMP	1
4965487CUM	CORE-COOLER	1
5406110CUM	KIT-MAIN BEARING	1
RX3689649RXCUM	COMPRESSOR,1 CYL AIR	1
CX3689649RXCUM	COMPRESSOR,1 CYL AIR	1
4376196CUM	SET-LUBE OIL COOLER GA	1

Total Operation 2 --

OPERATION 3

COMPLAINT: REPLACE FAILED CAMSHAFT AND ROCKER ARM, #1 INTAKE LOBE
FAILURE- PARTS ONLY NO LABOR

VMRS CODE: 01-045-008-098-03-13
01-045-008-053-03-13

CORRECTION: REPLACE WITH NEW-CAMSHAFT-CAMSHAFT - ACCESSORY DRIVE &
VALVE MECHANISM-FRETLED, PITTED, CHIPPED
REPLACE WITH NEW-ROCKER ARM - INTAKE-CAMSHAFT - ACCESSORY
DRIVE & VALVE MECHANISM-FRETLED, PITTED, CHIPPED
ON FAILURE TO ENGINE AND REPAIRING, FOUND #1 INTAKE
CAMSHAFT LOBE FLAKING AND THE INTAKE ROCKER ARM ROLLER
FLAKING AS WELL. AS TO TIER LEVEL 3, CCR# 1-107419286410,
PART ONLY WARRANTY COVERED, WITH NO LABOR. REPLACING
THOSES PARTS NEEDED WHILE OVERHAULED ENGINE FOR FOREIGN
MATERIAL ENTERED AND DUSTED ENGINE OUTCUMMINS PART WARRANTY
ONLY ON CAMSHAFT AND ROCKER NEEDED, REPAIR LABOR ON STEP 2.
GETTING PARTS ARE TAGGED FOR WARRANTY. CUMMINS CN# 14706737

3690406CUM	CAMSHAFT	1
5484230CUM	LEVER,ROCKER	1

100

Total Operation 3 --

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REPAIR ORDER SUMMARY	AMOUNT
Labor Total	
Parts Total	
Shop Supplies	
Sales Tax	
Warranty	

TOTAL DUE

22,203.43

Customer Copy

Invoice Date: 07-31-24

Tax ID: ICC

Tax ID Date: 10-30-23

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Year	Make / Model	VIN	License	Mileage	Unit / Stock	Authorization
2018	Peterbilt / 389	1XPXD49X7JD485644		535581M	76	
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours	P.O. Number
06-10-24 / 04:15PM	03-26-18		0.0	0.0	0.0	
Complete	Engine Model / Serial #	Transmission Model/Serial #		Key Tag	Service Writer	
07-31-24	ISX / 80018655	FULLER RTLO18918B 18 SPEED RTLO18918B / P1113818				
Memo						

1 REAPIR WRECK DAMAGE - B/S -
 TOTAL LABOR
 TOTAL PARTS
 TOTAL SUBLET PARTS
 TOTAL PAINT
 TOTAL STANDARD MTL

Qty	Part Number	Description	List	Unit	Extended
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1	L35-6035M00-5R	FENDER-RH			
1	L52-6004R	LINER-FEN			
1	L79-6071	SKIN-HOOD			
1	L77-6097	REINFORCE			
1	U-418	ADHESIVE			
100	MGP98TR610G	HUCKBOLT-			
50	MGP98TR610-C	HUCKPI			
150	HWC02106	COLLAR-HU			
1	13-03662	STUD-SPRI			
1	AHS4-820-200	INSERT-HE			
1	AHS4-820-200	INSERT-HE			
2	HM75-66165ATR	HOOD MOUN			
4	92274	BOLT			
4	95117	WASHER			
4	95354	LOCK			
4	94108	NUT			
2	30.4018	BUSHING			
1	P037ST-PAS	RING-RETA			
1	29-03075	SKIN-REAR			
2	4610	P.S.FLUID			
1	M22-6209-003	COVER - D			
1	M11-7359	BRACKET-S			
1	M82-6055P	STEP - DP			
1	M82-6078P	STEP-DPF/			
1	M22-6222-002P	COVER-DPF			
1	M22-6223-002P	COVER-DPF			
1	BD1330	PAINT			
4	HWC09241	RIVET ASS			
14	MGP98TR610-C	HUCKPI			

Invoice Number

CC64087

Invoice Date: 07-31-24

Year	Make / Model	VIN	License	Mileage	Unit / Stock	Author
2018	Peterbilt / 389	1XPXD49X7JD485644		535581M	76	
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours	P.O. Num
06-10-24 / 04:15PM	03-26-18		0.0	0.0	0.0	
Complete	Engine Model / Serial #		Transmission Model / Serial #		Key Tag	Service Write
07-31-24	ISX / 80018655		FULLER RTLO189188 18 SPEED RTLO189188 / P1113818			

Memo

14 HWC02106 COLLAR-HU
 2 29-02455 SHOCK ABS
 2 7036 AIR BAG
 1 730395ATC WASHER-SE
 1 23-13201-000 SEAL
 1 M11-7359 BRACKET-S
 1 13-04711 SUPPORT-B
 1 01-50900-1068 DECKPLATE
 1 M82-6144P STEP-BOX
 26 MGPTR820G BOLT
 26 HWC02110 COLLAR-FL
 1 SUBP SUBLT PART
 decals
 1 PAINT PAINT
 1 STDMTL STANDARD MT

2 REPAIR WRECK DAMAGE-SVC DEPT.

INSTALL DRIVESHAFT AND PUSH TRUCK INTO SHOP. DRAIN ENG OIL - REMOVE PAN AND STIFFENER PLATE - REMOVE #4 MAIN CAP AND #4 ROD CAP - CHECK BEARINGS AND CRANK, ARE FINE - HAD TO R&I CRANCASE SYSTEM TO ACCESS PORT TO TURN ENG OVER - REINSTALL BEARINGS AND CAPS, STIFFENER PLATE AND OIL PAN - CHANGE FILTER AND FILL WITH NEW OIL - REPLACE BELTS DUE TO RIPPED - HAD TO INSTALL NEW BATT JUMPERS AND NUTS DUE TO COULD NOT FIND THEM - FOUND UPPER RAD HOSES RIPPED - REPLACED HOSES - FILL AND CHECK FOR LEAKS, OK - DISCONNECT EXH AND AIR TO AIR PIPES TO CHECK FOR OIL, NONE FOUND - TRIED TO START TRUCK BUT WOULD NOT START - CHECK FOR POWER TO ECM AND HAVE NONE - FOUND CONN BROKEN AT FIREWALL FROM HOOD HITTING IT - REPLACE PINS AND TERMINALS AND GOT TRUCK STARTED - CHECK FOR LEAKS, OK - R&R TRACKING ROD - BOLTS WERE FORZE UP - HAD TO HEAT THEM UP - INSPECT SADDLES AND SEATS, OK - REPLACED MOUNTING BOLTS.

TOTAL LABOR
 TOTAL PARTS
 TOTAL GAS/OIL
 TOTAL SUBLT LABOR

Qty	Part Number	Description	List	Unit	Extended
1	250-70-18X	KIT-BEAR			
1	4026684CUM	GASKET, OI			
1	4393172CUM	SEAL, O RI			
1	F04-6006	ELBOW-RUB			
1	D84-1000-6122310	BELT-POLY			
1	F50-6308	HOSE-COOL			
3	BC1046	BATTERY A			
8	8-662PDC	NUT-BATTE			
4	HWC12501	NUT-HEX S			
2	63466	MTRC BOLT			
4	95121	WASHER			
5	CT05317	TIE-CABLE			
1	7651189	GSKT MAKR			
1	105	LUBE			

Date: 07-31-24

Invoice Number

CC64087

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Make / Model	VIN	License	Mileage	Unit / Stock	Authorization
8 Peterbilt / 389	1XPXD49X7JD485644	535581M	76		
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours
06-10-24 / 04:15PM	03-26-18		0.0	0.0	0.0
Complete	Engine Model / Serial #	Transmission Model/Serial #			Key Tag
07-31-24	ISX / 80018655	FULLER RTLO18918B 18 SPEED RTLO18918B / P1113818			Service Writer
Memo					

1 LF14000NNFLG FILTER
 2 ELC ELC ANTFR
 13 0700 15W405YN
 1 SUBL SUBLET LABO

ALIGNMENT

MISCELLANEOUS SUPPLIES

SLS LBR CUST TAX
 SLS SUBLET TAX
 SLS LBR CUST TAX
 SLS SUBLET NTX ICC
 SLS STD MATL TAX
 SLS PAINT NTX ICC
 P&A NEW CUS NTX ICC
 P&A NEW CUS NTX ICC
 P&A GAS CUS NTX ICC
 SALES TAX

CASH806 CASH SALE 34,540.28

Customer Signature: _____ Date: _____

Cust
CASH

Tax ID: ICC

Tax ID Date: 10-30-23

Page 1 of 2

Year	Make / Model	VIN	License	Mileage	Unit / Stock	Authorization
2018	Peterbilt / 389	1XPXD49X7JD485644		535581	76	
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours	P.O. Number
07-23-24 / 11:37AM	03-26-18					
Complete	Engine Model / Serial #		Transmission Model/Serial #		Key Tag	Service Writer
07-31-24	ISX / 80018655		FULLER RTLO189188 18 SPEED RTLO189188 / P1113818			
Memo						

1 ABS LIGHT IS COMING ON.

CHECK ABS CODES AND HAS A BUNCH OF LOGGED CODES - ALL WITH LOW COUNTS
 - CLEAR CODES AND TEST DRIVE TRUCK - ABS LIGHT CAME BACK ON - HAS CODE
 790-FMI 1 & 2 FOR STEER AXLE RIGHT WSS EXCESIVE GAP OR OPEN OR SHORTED
 - DIAGNOSE CODE AND FOUND SENSOR IS BAD - R&R SENSOR - CLEAR CODE AND
 TEST DRIVE TRUCK - ABS LIGHT DID NOT COME BACK ON.

TOTAL LABOR

TOTAL PARTS

Qty	Part Number	Description	List	Unit	Extended
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1	K181267BXW	WS-24 WHE			
5	CT05317	TIE-CABLE			

2 CEL & DEF GA LIGHT ARE COMING ON.

HAD ACTIVE CODE 2554 FOR EXH GAS PRESS DATA INCORRECT - CHECK WIRING
 AND OK - INSTALL JUMPER AND CHECK CIRCUIT RESPONSE - CODE CHANGED,
 INDICATING WIRING AND ECM ARE GOOD - REPLACE SENSOR AND CLEAR CODE -
 NO CODES CAME BACK DURING TEST DRIVE.

TOTAL LABOR

TOTAL PARTS

Qty	Part Number	Description	List	Unit	Extended
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1	4928594CUM	SENSOR,PR			
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3 REPLACE ROD & MAIN BEARINGS.

R&R MAIN BEARINGS WHILE CHECKING BEARINGS FOR WRECK DAMAGE - RODS WERE
 OK, LOOKED NEW.

TOTAL LABOR

TOTAL PARTS

Qty	Part Number	Description	List	Unit	Extended
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1	5406110CUM	KIT,MAIN			
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MISCELLANEOUS SUPPLIES

Invoice Number

CC64273

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Invoice Date: 07-31-24

Year	Make / Model	VIN	License	Mileage	Unit / Stock	Authorization
2018	Peterbilt / 389	1XPXD49X7JD485644		535581	76	
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours	P.O. Number
07-23-24 / 11:37AM	03-26-18					
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07-31-24	ISX / 80018655		FULLER RTLO18918B 18 SPEED RTLO18918B / P1113818			
Memo						

SLS STD MATL TAX

SLS LBR CUST TAX

P&A NEW CUS NTX ICC

SALES TAX

CASH806 CASH SALE

2,419.59

Customer Signature: _____ Date: _____