



www.allstatepeterbilt.com



Allstate Peterbilt of Williston
13579 58th Street NW
Williston, ND 58801

PH 701-774-0225 | FAX 701-774-0226

**** Reprint ****

Invoice: **4403109598**
Date / Hour: 7/29/2022 4:20:36PM
Repair Order: 109598
Customer: 36459
Branch: WILLISTON
Total Invoice: \$34,875.99
COD

Page 2 of 5

Bill To: Jag Transport
47658 110TH ST
CASH ACCOUNT
ROSHOLT, SD 57260-6841

Ship To: Jag Transport
47658 110TH ST
CASH ACCOUNT
ROSHOLT, SD 57260-6841

Work: (320) 808-3228

Shop: 320-808-3228

Customer P/O: sicenogle houseaccount Orig R/O: 0 Completion Date: 7/29/2022

Correction: PERFORMED A CYLINDER PERFORMANCE TEST. TEST RAN AND ALL CYLINDERS FAILED. PERFORMED A FUEL SYSTEM TEST, TEST RAN AND PASSED. PERFORMED A CYLINDER CUTOUT TEST, WHEN CYLINDERS 1, 2, AND 4 ARE CUTOUT THE WHITE SMOKE CLEARS UP, STILL PRODUCING BLUE SMOKE. REMOVED THE ROCKER COVER INSPECTED THE CAMS AND ROCKER ARMS NO VISUAL FAULTS DETECTED. FOUND FRESH FLUID LEAKING BETWEEN THE BLOCK AND HEAD ON THE RIGHT FRONT SIDE OF ENGINE. DRAINED COOLANT. EVACUATED A/C, NO REFRIGERANT WAS RECOVERED. DISCONNECTED COOLANT LINES FROM RADIATOR AND TURBO. DISCONNECTED ALL SENSORS FOR THE TOP OF ENGINE. MOVED THE WIRE HARNESS TO THE SIDE. REMOVED THE COOLING PACKAGE. REMOVED THE TURBO AND INSPECTED THE VANES, NO FAULTS DETECTED. REMOVED THE EXHAUST MANIFOLD. DISASSEMBLED THE FUEL SYSTEM. REMOVED ROCKERS, FUEL INJECTORS, AND CAMS. USED VACUUM TO CLEAN EXCESS OIL OFF OF TOP OF HEAD. REMOVED THE HEAD. CLEANED THE BLOCK WITH SUPER SCRAPER AND SCOTCH BRITE. MEASURED LINER PROTRUSION. #1 CYLINDER IS OUT OF SPEC. TESTED THE HEAD. THE VALVE SEATS ARE WORN. MULTIPLE CYLINDERS OUT OF SPEC. SEVERAL INJECTORS OUT OF SPEC. THERE IS SCORING ON MULTIPLE LINERS. REMOVED THE OIL PAN, OIL PICKUP TUBE, BLOCK STIFFNER PLATE, OIL PUMP, PISTON COOLING NOZZLES, ROD/PISTON ASSEMBLIES, AND LINERS. SOME FRETTING ON 1 AND 5. CLEANED AND INSPECTED ROD JOURNALS. JOURNALS NEED TO BE POLISHED. SEVERAL HAVE GROOVES THAT WILL CATCH A FINGERNAIL. DISASSEMBLED, CLEANED, AND INSPECTED THE OIL PUMP. THE PRESSURE RELIEF PLUNGER HAS OUT OF SPEC SCORING. CLEANED THE OIL PAN, BLOCK STIFFNER PLATE, OIL PUMP PICKUP TUBE, ROCKER COVER, AND FRONT GEAR HOUSING COVER. REMOVED THE #4 MAIN CAP TO INSPECT THE MAIN JOURNAL FOR DAMAGE. THE LOWER BEARING SHELL IS GROOVED. NO DAMAGE DETECTED TO THE MAIN JOURNAL. CLEANED OIL PAN GASKET MATING SURFACE. SET UP THE COUNTERBORE CUTTING TOOL AND CUT #1 COUNTERBORE FOR A .020 SHIM AS NEEDED. LINER PROTRUSION NOW MEASURES .011-.0115 ON #1 LINER. THREAD CHASED THE HEAD BOLT HOLES. WASHED DOWN THE INSIDE OF THE BLOCK. INSTALLED 6 NEW LINERS. TRANSFERRED RODS TO NEW PISTONS. INSTALLED PISTON RINGS. INSTALLED 6 ROD PISTON ASSEMBLIES. TORQUED TO SPEC. REPLACED MAIN BEARINGS. TORQUED MAIN CAPS TO SPEC. INSTALLED NEW OIL PUMP. TORQUED TO SPEC. CLEANED AND INSTALLED BLOCK STIFFENER PLATE, OIL PUMP PICKUP AND OIL PAN. TORQUED ALL TO SPEC. CLEANED BLOCK DECK AND CYLINDERS AND HEAD BOLT MOUNTING HOLES. INSTALLED NEW HEAD GASKET. TRANSFERRED THE REAR CAM COVERS, JAKE WIRING HARNESS, AND HEATER HOSE FITTINGS. INSTALLED NEW HEAD AND TORQUED TO SPEC USING NEW HEAD BOLTS. REMOVED THE TIMING PIN FITTING FOR THE CRANK SHAFT. ROTATED ENGINE TO ALIGN TIMING PIN MARKS AND INSERTED THE TIMING PIN. CLEANED THE CAM SHAFTS, CAM SHAFT GEARS, ROCKER LEVERS, AND CROSS HEADS. INSTALLED CAMS AND WEDGED WITH TIMING WEDGES. INSTALLED CAM RETAINING PLATES WITH NEW GASKETS AND TORQUED TO SPEC. INSTALLED CAM GEARS WITH RETAINING COMPOUND. SHIMMED TO SET GEAR BACK LASH. TORQUED CAM GEARS TO SPEC. INSTALLED NEW FRONT COVER SEAL. INSTALLED FRONT COVER AND TORQUED TO SPEC. INSTALLED NEW INJECTORS WITH NEW HOLD DOWN BOLTS. LUBRICATED O RINGS AND TORQUED TO SPEC. INSTALLED CROSS HEADS AND ROCKER LEVERS. SET VALVES AND INJECTORS TO SPEC. INSTALLED JAKE HARNESS. REPLACED SEALS ON THE PASS-THROUGH CONNECTOR. REPLACED THE ROCKER COVER GASKET. INSTALLED ROCKER COVER. REPLACED OIL FILTER BYPASS VALVE. REPLACED THE OIL THERMOSTAT AND OIL FILTER. TAPED OFF EXHAUST AND DATA PLATES. PAINTED ENGINE. WENT TO REPLACE THE CCV FILTER. FOUND A MAINTENANCE FREE FILTER ALREADY INSTALLED. LEFT MAINTENANCE FREE FILTER INSTALLED. CLEANED AND INSTALLED ACCESSORY BRACKET AND EXHAUST MANIFOLD WITH NEW GASKETS. TORQUED TO SPEC. INSTALLED THERMOSTAT HOUSING WITH NEW SEALS AND GASKETS. TORQUED TO SPEC. INSTALLED TURBO WITH NEW SEALS AND GASKETS. TORQUED TO SPEC. INSTALLED ALTERNATOR WITH NEW BELT. INSTALLED FAN HUB, FAN BLADE, AND FAN SHROUD. CLEANED AND INSTALLED FUEL MODULE WITH NEW GASKET. TORQUED TO SPEC. INSTALLED FUEL LINES TO THE FUEL MODULE WITH NEW SEALS. CLEANED & INSTALLED INTAKE MANIFOLD W/NEW GASKET. TORQUED TO SPEC. INSTALLED A/C COMPRESSOR W/NEW BELT. INSTALLED COOLING PACKAGE. R&R ORINGS FOR A/C SEALS. INSTALLED A/C LINES. VACUUM TESTED & CHARGED A/C TO 2 LBS. INSTALLED ALL COOLANT LINES. CLEANED & INSTALLED CAC PIPING W/NEW BOOTS & CLAMPS. ROUTED WIRING & SECURED W/WIRE TIES. REPLACED BOTH FUEL FILTERS, COOLANT FILTER, & AIR FILTERS. INSTALLED HOOD SPRINGS & CABLES. INSTALLED RADIATOR SUPPORTS. INSTALLED ECM COOLING PLATE W/ NEW SEALS. ROUTED WIRING. MADE ALL ELECTRICAL CONNECTIONS. SECURED WITH WIRE TIES. FILLED OIL. FILLED AND PRESSURE TESTED COOLANT SYSTEM. DRAINED THE CONTAMINATED FUEL OUT OF TANKS. INSTALLED FRESH AIR PIPING. FILLED FUEL TANKS. LEFT ECM DISCONNECTED. TURNED ENGINE OVER TO VERIFY OIL PRESSURE. TOPPED OFF OIL. PRIMED FUEL SYSTEM. RAN TRUCK TO CHECK FOR LEAKS. NO LEAKS DETECTED. TEST DROVE TRUCK. NO FAULTS DETECTED. CLUTCH NEEDS REPLACED, HAS A WOBBLE IN THE STEER AXLE. RIDES ROUGH. WARNING CHIME CONSTANT, UNKNOWN CAUSE. ENGINE WIRING ON OEM AND CUMMINS IS DETERIORATED. WIRE LOOM IS BRITTLE WITH LOTS OF EXPOSED WIRING. AFTERTREATMENT NEEDS ADDRESSED. EXHAUST PARTIALLY DISCONNECTED.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
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Customer P/O:		sicenogle	houseaccount	Orig R/O:	0	Completion Date: 7/29/2022	
CSG	10859	AIR BRAKE TUBING NYLON 1/4"		EA	1.0	\$2.61	\$2.61
CX	186780CUM	SEAL THERMOSTAT RSL		EA	1.0	\$18.47	\$18.47
NAP	26267	ABRASIVE BELT / 19296.00		EA	1.0	\$81.66	\$81.66
CX	5658283PXCUM-C	CORE		EA	-1.0	\$125.00	\$(125.00)
CX	4954888PXCUM-C	CORE		EA	-6.0	\$250.00	\$(1,500.00)
CX	3052586CUM	SEAL,O RING		EA	2.0	\$3.53	\$7.06
CX	3089025CUM	SEAL,O RING		EA	1.0	\$11.98	\$11.98
CX	3104392CUM	GASKET-VALVE COVER ISX 2007		EA	1.0	\$60.16	\$60.16
CE	3163075	PAINT		EA	3.0	\$19.13	\$57.39
CSG	36727	LOCK WASHER 3/8		EA	1.0	\$0.23	\$0.23
CX	3678506CUM	SCREW,HEX FLANGE HEAD CAP		EA	22.0	\$21.24	\$467.28
CX	3678804CUM	SCREW,HEX FLANGE HEAD CAP		EA	4.0	\$13.86	\$55.44
CX	3679102CUM	SCREW-TWELVE POINT CAP		EA	6.0	\$4.92	\$29.52
CX	3684355CUM	GASKET-EXH OUT / 19376.00		EA	1.0	\$15.15	\$15.15
CX	3690535CUM	THERMOSTAT		EA	1.0	\$83.60	\$83.60
PX	3902114CUM	SCREW,HEX FLANGE HEAD CAP		EA	6.0	\$3.21	\$19.26
CX	4062346CUM	WASHER,INSULATING / 19380.00		EA	5.0	\$5.89	\$29.45
CX	4062357CUM	WASHER,GROUND / 19380.00		EA	1.0	\$10.71	\$10.71
CX	4089405CUM	BEARING ROD(SET) RSL		EA	6.0	\$79.99	\$479.94
CSG	42454	METRIC LOCK WASHER M8		EA	1.0	\$0.25	\$0.25
CSG	42454	METRIC LOCK WASHER M8		EA	1.0	\$0.25	\$0.25
CX	4298695CUM	HOSE-MOLDED		EA	1.0	\$45.42	\$45.42
CX	4318947CUM	THERMOSTAT RSL		EA	1.0	\$72.58	\$72.58
CSG	44187	MET CLASS 10 HEX NUT M8X1.25		EA	1.0	\$0.42	\$0.42
CSG	44187	MET CLASS 10 HEX NUT M8X1.25		EA	1.0	\$0.42	\$0.42
NC	4520	CLEANER -NON-CHLORINATED BRK		EA	30.0	\$4.73	\$141.90
CX	4954888PXCUM	INJECTOR-HD HPI		EA	6.0	\$891.38	\$5,348.28
CX	4954888PXCUM-C	CORE		EA	6.0	\$250.00	\$1,500.00
CX	5298564CUM	SHIM		EA	6.0	\$54.46	\$326.76
SHL	550045126	OIL-ROTELLA T4 15W40 3X1 GAL		EA	10.0	\$37.47	\$374.70
PACCAR: Loyalty Card Program \$1 M22MAR3601							
SHL	550045126	OIL-ROTELLA T4 15W40 3X1 GAL / 19385.00		EA	4.0	\$37.47	\$149.88
PACCAR: Loyalty Card Program \$1 M22MAR3601							
CX	5658283PXCUM	CYLINDER HEAD		EA	1.0	\$4,565.25	\$4,565.25

LOYALTY CARD: Y223311 YR DISC: 500

PACCAR: Loyalty Card Program \$75 M22MAR3586

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CX	5658283PXCUM-C	CORE	EA	1.0	\$125.00	\$125.00	
CX	5679854CUM	PUMP, LUBE OIL	EA	1.0	\$801.20	\$801.20	
CX	5693814CUM	KIT, OVERHAUL	EA	1.0	\$5,518.63	\$5,518.63	
LOYALTY CARD: Y223311 YR DISC: 500							
TRP	B9226-0406TRP	CLAMP-T BOLT SPRING 4 1/16-4 3/8	EA	8.0	\$7.78	\$62.24	
CSG	C24704	CABLE TIE BLACK 3/16" X 7-1	EA	100.0	\$0.24	\$24.00	
CSG	C24706	CABLE TIE BLACK 3/16 X 15-1/	EA	100.0	\$0.28	\$28.00	
CSG	C24707	CABLE TIE BLACK 15" X 9/32"	EA	50.0	\$0.60	\$30.00	
CSG	D39054	GR.8HXCAPSCREW3/8-16X1	EA	1.0	\$2.14	\$2.14	
DC	D84-1000-6061620	BELT-POLY 6 RIBS X 1620 END/	EA	1.0	\$55.74	\$55.74	
LOYALTY CARD: Y223273 YR DISC: 2							
DC	D84-1000-6122310	BELT-POLY 12 RIBS X 2310 END	EA	1.0	\$114.38	\$114.38	
Can Use 910K12BLT							
LOYALTY CARD: Y223273 YR DISC: 2							
TRP	EC3501	GAL RED 50/50 COOLA	EA	13.0	\$11.20	\$145.60	
LOYALTY CARD: Y223197 YR DISC: 1							
FG	FF2203FLG	FILTER	EA	1.0	\$27.52	\$27.52	
DC	HE8716	HOSE-HUMP DBL 4"X6" SILTU	EA	4.0	\$40.38	\$161.52	
CLAMP FOR THIS HOSE IS K077-372-66							
CSG	L0034-094	LUBRIPLATE 105 GREASE 100Z	EA	1.0	\$12.86	\$12.86	
CSG	MP43983	MET HARDENED FLAT WASHER M8	EA	1.0	\$0.35	\$0.35	
WYN	R134A-LB	FREON R134A PER LB	POUND	2.0	\$13.98	\$27.96	
BF	RS3539JAB	ELEMENT-HEAVY DUTY AIR	EA	2.0	\$95.81	\$191.62	
FG	WF2127FLG	FILTER	EA	1.0	\$52.09	\$52.09	
	Comp Diag	Computer Diagnostic Charge		1.0	\$125.00	\$125.00	
	Freight 1	Freight Charge - Parts Department / 19380.00		1.0	\$48.85	\$48.85	
	Shop Sup1	Service Shop Supplies		1.0	\$1,126.13	\$1,126.13	
	Sublet EX	FUEL / 19390.00		1.0	\$1,303.50	\$1,303.50	

Task 3 Subtotals

Parts:	\$19,711.87
Core Chg:	\$1,625.00
Core Ret:	(\$1,625.00)
Labor:	\$11,375.00
Miscellaneous:	\$2,603.48
Task 3 Subtotals	\$33,690.35

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Detail Tax Info:

North Dakota State Sales Tax	\$988.03
Williams County Sales Tax	\$197.61
Total:	\$1,185.64

Total Parts:	\$19,711.87
Total Core Charge:	\$1,625.00
Total Core Ret:	\$(1,625.00)
Total Labor:	\$11,375.00
Total Miscellaneous:	\$2,603.48
Invoice Subtotal:	\$33,690.35
Total Tax:	\$1,185.64
Total Invoice:	\$34,875.99

<u>Payment Method</u>	<u>Terms</u>	<u>Due Date</u>
COD	10-COD SHIPMENTS	8/3/2022

Remit To:

Allstate Peterbilt of Williston
W. D. Larson Companies LTD., Inc
PO Box 270710
Minneapolis, MN 55427

Signature: _____

I hereby authorize the repair work herein set forth to be done along with the necessary material and agree that you are not responsible for loss or damage to vehicle or articles left in vehicle in case of fire, theft, or any other cause beyond your control or for any delays caused by unavailability of parts or delays in parts shipments by the supplier or the transporter. I hereby grant you and/or your employees permission to operate the vehicle herein described on streets, highways, or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above vehicle to secure the amount of repairs thereto. Seller not responsible for alternate transportation due to the above.

THE ONLY WARRANTIES APPLYING TO THIS PART(S) ARE THOSE WHICH MAY BE OFFERED BY THE MANUFACTURER. THE SELLING DEALER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THIS PART(S) AND/OR SERVICE. BUYER SHALL NOT BE ENTITLED TO RECOVER FROM THE SELLING DEALER ANY CONSEQUENTIAL DAMAGES, DAMAGES TO PROPERTY, DAMAGES FOR LOSS OF USE, LOSS OF TIME, LOSS OF PROFIT, OR INCOME, OR ANY OTHER INCIDENTAL DAMAGES.