

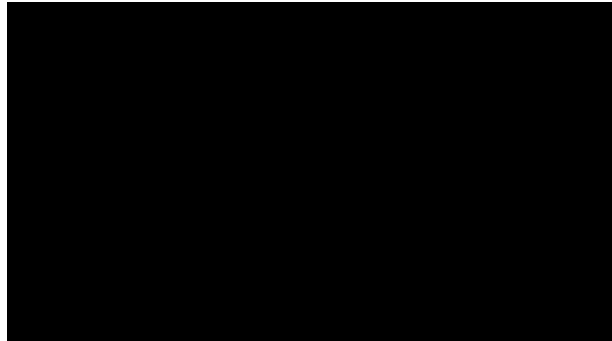
TAX INVOICE

Tax Invoice Number: 58816

Date: 24/05/2024

Due Date: 30/06/2024

5 Shepherd Road
Swan Hill Victoria 3585
ABN: 80581169223
Tel: 0350331501
Email: accounts@shts.com.au



FOR:



Odometer: 692,287 Kms

Make	Model/Year	Body Type	Reg No.	VIN	Odometer
KENWORTH	K200/2017	PRIME MOVER	LRT14	6F5000000HA459590	692,287 Kms

WORK REQUESTED:

Complaint: Engine locked up.

Cause: Head / Head Gasket.

Correction:

Towed truck into shed and inspected.
 Drained sump, found full of water and oil.
 Removed the following: Sump, oil pick up, pump and stiffener plate to inspect/diagnose problem.
 Found water seeping down the inside of the liner between piston rings on cylinder 4,5 and 6 indicating water on top of pistons.
 Pressure tested cooling system to ensure coolant not leaking through liner rings also - all good.
 Removed radiator pipes, boost hoses, intakes, turbo, thermostat housing and wiring on the drivers side.
 Removed head, support brackets, wiring, p clamps, zip ties, fuel lines from head to block on passenger side, rocker cover, wiring loom from injectors, jake solenoid, rocker shafts, tin cover, cam gear, adjuster gear, cam plates and cam. Inspected cam and cam followers.
 Removed all head bolts and removed head - inspected for cause issues.
 Removed piston squirter, pistons and liners. Scraped block surface and cleaned counter bores.
 Inspected to see if needed block cut.
 CUMMINS CUT BLOCK.- 0.30"
 Fitted liners and measured - reported liner heights.
 Swapped all fuel lines passthroughs and injectors over to new head and tensioned.
 Swapped intake and exhaust manifold over to new head.
 Cleaned and inspected crank shaft.
 Removed main caps 2-6, rolled old bearings out, cleaned caps, rolled new upper bearings in and fitted caps.
 Tensioned and torque, turned, repeated process for 2 remaining caps.
 Built and fitted pistons.
 Wiped head sealing surfaces, blew out bolt holes and fitted cylinder head with new gasket- tensioned and torque turned head bolts.
 Lubed cam bearings and fitted cam shaft and rear cam plate.
 Fitted timing pin and cam wedge.

Lubed and fitted cam gear and adjuster gear, set timing.
 Fitted new tin cover seal and fitted tin cover.
 Removed pin and wedge and fitted new dampener.
 Fitted rocker shafts, checked Jake clearance and set valve clearances.
 Fitted wiring loom.
 Cleaned and fitted rocker cover with new gasket.
 Cleaned stiffener plate pick up and sump.
 Fitted and tensioned stiffener plate and oil pump.
 Checked backlash, fitted oil pick up, cleaned sealing surface, fitted sump with new gasket.
 Fitted all fuel lines, wiring looms, plugs and brackets.
 Fitted turbo with new gaskets.
 Fitted new thermostat and fitted to engine.
 Fitted intakes, boots pipes and new radiator hoses.
 Removed air compressor and fuel pump, cleaned sealing surfaces and re sealed fuel pump due to leaking.
 Fitted new air compressor and governor valve.
 Fitted engine fan, A/C compressor and alternator.
 Fitted all brackets and zip ties.
 Fitted new belts and tensioners.
 Removed and fitted all new filter fuel oil and air cleaners.
 Filled engine oil and checked level.
 Bled fuel system.
 Ran engine and checked for good oil pressure and no leaks.
 Washed engine bay. and drove truck over pit.
 Serviced ice pack.
 Checked over, greased and adjusted brakes.
 Test drove, double checked all workings and painted cylinder head.
 Truck sent to have A/C serviced.
 Cleaned working area, cleaned tools and completed paperwork.

Description	Qty.	Unit Price	Amount
6438633 - OVERHAUL KIT	1.0	\$13,650.00	\$13,650.00
Block Cut	1.0	\$1,750.00	\$1,750.00
6489732RX - RECON CYLINDER HEAD	1.0	\$9,850.00	\$9,850.00
3678506 - ISX CYL HEAD BOLT SHORT	2.0	\$65.67	\$131.34
3689108RX - RECON CONNECTING ROD ISX	6.0	\$1,400.00	\$8,400.00
5680039RX - RECON LUBE PIMP	1.0	\$1,900.00	\$1,900.00
F4HZ3K506C - POWER STEERING PUMP GASKET	1.0	\$11.00	\$11.00
3690864RX - Recon Air Compressor E5/X15	1.0	\$3,950.00	\$3,950.00
275707N - BENDEX GOVERNOR VALVE D-2	1.0	\$113.33	\$113.33
3685614 - E5 AIR COMP GASKET	1.0	\$28.50	\$28.50
F4HZ3K506C - POWER STEERING PUMP GASKET	1.0	\$11.00	\$11.00
3680882 - GEAR HOUSING BOLTS	1.0	\$32.00	\$32.00
5414049 - FUEL PUMP MOUNT GASKET E5	1.0	\$46.42	\$46.42
4101884 - VIBRATION DAMPER ISX / SIGNATURE	1.0	\$1,200.00	\$1,200.00
236577N - GOVERNOR VALVE GASKET	1.0	\$9.64	\$9.64
09644690 - DOWDY WASHER	2.0	\$9.05	\$18.09
3683814 - O-RING EGR COOLER	2.0	\$8.00	\$16.00
3683607 - Seal WATER EGR WATER TRANSFER	1.0	\$8.88	\$8.88
100328 - Coolant pipe o-ring (large)	1.0	\$42.00	\$42.00
186780 - THERMOSTAT SEAL	1.0	\$17.92	\$17.92

12PK2380DAY - DRIVE BELT	1.0	\$78.68	\$78.68
6PK1590DAY - 6PK1590 RIB BELT ISXe5	1.0	\$44.68	\$44.68
89440DAY - TENSIONER -3691282	1.0	\$148.98	\$148.98
89448DAY - TENSIONER -3690067	1.0	\$181.22	\$181.22
89120DAY - IDLER - 3689465	1.0	\$85.66	\$85.66
3163075 - CUMMINS RED PAINT	1.0	\$72.25	\$72.25
3685807 - TUBE INJECTOR FUEL SUPPLY	1.0	\$546.60	\$546.60
3103423 - SCREW, TWELVE POINT CAP	1.0	\$47.50	\$47.50
715-8016-006 - Adblue injector connector	1.0	\$10.25	\$10.25
AF351KM - AIR FILTER	2.0	\$58.43	\$116.86
FF5018 - FUEL FILTER	1.0	\$13.00	\$13.00
FS36401 - FUEL FILTER - E5 (10 MICRON)	1.0	\$28.83	\$28.83
WF2127 - WATER FILTER	1.0	\$93.00	\$93.00
CC36084 - PG PLATINUM - 20 LTR	3.0	\$149.87	\$449.61
4304827 - FILTER OIL - 9 SERIES EATON LF3335	1.0	\$15.00	\$15.00
1324.51L - PREMIUM BLUE 8600 PER LTR	50.0	\$6.50	\$325.00
1282.05 - PREM MONO 40 5LTR	1.0	\$55.00	\$55.00
AFM4208205L - ALLIANCE 85W/140 DIFF OIL per ltr	8.0	\$7.45	\$59.64
HS008 - HOSE CLAMP	1.0	\$3.35	\$3.35
09644690 - DOWDY WASHER	2.0	\$9.05	\$18.09
V404P106 - HEATER TAP 5/8 HOSE 3/8 THREAD	2.0	\$24.77	\$49.54
HS008 - HOSE CLAMP	1.0	\$3.35	\$3.35
78250GLDAY - HOSE SILICONE STR 21/2 x36'	1.0	\$93.36	\$93.36
2WSM - TWO WAY SADDLE MOUNT	1.0	\$1.40	\$1.40
DSWS4 - SWIVEL CABLE TIE MOUNT 7.6MM	1.0	\$4.56	\$4.56
METRIC - ASSORTED METRIC BOLTS & NUTS	5.0	\$1.00	\$5.00
38FW - 3/8 FLAT WASHER	4.0	\$0.80	\$3.20
3 1/2" V BAND CLAMP	1.0	\$56.82	\$56.82
M10403070EPDM - ISOLATOR CAC PIPE	2.0	\$20.30	\$40.60
M8M10 - STUD	4.0	\$12.90	\$51.60
PEX60950 - PERMATEx« BEARING MOUNT FOR CL	1.0	\$30.26	\$30.26
TIE1 - Long Zip Tie 10pk	10.0	\$4.50	\$45.00
TIE3 - SHORT ZIP TIE 10PK	1.0	\$3.55	\$3.55
47200037 - CLEANING PAD MEDIUM	2.0	\$4.90	\$9.80
3391271 - LUBRIPLATE	2.0	\$16.00	\$32.00

002 - AIR CON Carry out air con service Check over ice pack Found to be not working at all Found low in gas and also compressor not cutting in Trace system and find broken wire Repair and complete air con service on ice pack	1.0	\$894.30	\$894.30
CONS - CONSUMABLES	1.0	\$32.62	\$32.62
LABOUR	55.0	\$137.50	\$7,562.50

Subtotal	\$52,498.77
GST	\$5,249.88
Total	\$57,748.65
Paid	\$0.00
Balance Due	\$57,748.65

Swan Hill Truck Service
BSB: 083 874
A/C: 789552573