



Cummins South Pacific Pty. Ltd. WORKSHOP TAX INVOICE

ABN NO. 42006332949

Canberra
15 Arnott Street
Hume ACT 2620
Ph: 02 6297 3433
Fax: 02 6297 6709

INVOICE NUMBER 1750143
INVOICE DATE 29/09/25
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COPY

Invoice To

Customer

Engine Model:	SIGNATURE/ISX/QSX	Eng No:	79964251	Equip Make:	KENWORTH
FleetNo:		Reg No:	XO36TH	Cust Ord NO:	XO36TH
Date in Service:	29/06/17	KLMS:		HRS:	19341
Repair Date:	16/09/25	Chassis NO:	458853	Currency:	AUD
C.O.No.	6804962	Work ordNo.	2983887	Facility	214

Complaint:

Pressurising

Cause:

Low liner and blown head gasket due to fretted counterbore ledges.

Correction:

Hrs: 19341 / Klms: 63187

Truck was presented to branch with the customer complaint of pressuring cooling system, preformed leak combustion test and confirmed exhaust gases were present in cooling system. Move truck into workshop, fill out job card, JSA and isolate truck. Drain coolant, remove all intake piping, remove coolant piping and remove radiator. Disconnect wiring from the intake manifold and remove fuel supply lines from cylinder head. Remove turbo from the exhaust manifold, remove thermostat housing and water transfer housing. Remove Horton fan assembly from front of engine, remove timing cover and remove timing gears. Remove rocker cover, rocker shafts, cross heads, injector wiring harness and cam shaft from the cylinder head. Remove all cylinder head bolts and lift head from engine and place on roll over stand. Clean block deck and measure all liner heights. Found cylinder liner height was out of spec causing head gasket to blow. Drain engine oil, remove oil pan cross member and remove oil sump, oil pick up and stiffener plate. Remove all 6 pistons and liners. Inspected all liner counterbore ledges and found liners 1,2 and 3 had fret marks on the exhaust side. Machined the 3 liners and removed all fret marks. Installed 0.020" shims into the cylinder and installed the rest of the liners. Clean all removed components and mating surfacers. Installed 6 new pistons and piston cooling nozzles. Preform main bearing roll. Cleaned the original cylinder head, measured valve recession (all in spec) and installed onto block. Torque down head bolts and install camshaft. Fit 2 new rocker shafts and install engine brake overhaul kit and install onto engine. Remove vibration dampener and replaced leaking front crank seal. Lifted front of engine and removed and installed new

Cmp 372 25v A13 Png 214 W04 989 C02 XCDW000A

All goods and services provided in line with Cummins Terms and Conditions of Sale
Payment Terms 30 Days from End of Month

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Description	Operation	Unit price	Qty	Extension
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front engine mounts. Install the gear train campaign, preform base engine timing and install front cover. Preform valve adjustment, install injector wiring harness and re fit rocker cover.
 Install stiffener plate, oil pick up tube, sump and oil pan cross member. Reconnect all wiring from the intake side and fit the fuel supply lines. Refit the original turbo, connect the oil lines and re fit thermostat housing with new thermostat and seal. Install previously removed intake/coolant pipes, install radiator with new bottom tank and mounts and fill the cooling system with original coolant. Pressure prime the engine with 50 Liters of engine oil and reconnect batteries. Start and run engine, found air compressor head leaking air from between the aircompressor head gasket and body, remove and replace air compressor head and govenor valve. move truck to wash bay, clean engine bay and take truck for road test.
 Check for any fault codes on trucks return (none found).
 Clean workstation, write job story and return vehicle to Service.

 Capped price rebuild = \$23,227.85 + GST
 Shims = \$507.48 + GST
 Front crank seal = \$373.84 + GST
 Rocker shaft = \$970.66 + GST
 Rocker shaft = \$843.23 + GST
 Radiator cap = \$27.84 + GST
 Air Compressor Head = \$3,271.94 + GST
 Govenor valve = \$72.61 + GST
 Engine brake overhaul kit = \$1,231.26 + GST
 OEM parts = \$1,149.92 + GST
 3 x Hrs additional labour = \$585.00 + GST

*****Banking Details*****
 Cummins South Pacific Pty Ltd
 Australia and New Zealand Banking Group Limited (ANZ)
 Level 4, 100 Queen Street, Melbourne VIC 3000
 Account No: 836551902 BSB:013 479

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Swift Code: ANZBAU3M

Include Account and Invoice Numbers in Payment Reference

Description	Operation	Unit price	Qty	Extension
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Material

5298564	SHIM		3	
3685173	SEAL OIL		1	
6438633	KIT, OVERHAUL		1	
2882571	SHAFT ROCKER LEVER		1	
2882570	SHAFT ROCKER LEVER		1	
LF14000NN	OIL FILTER COMBO SPINON		1	
3316654S	LUBE SERVICE PART		1	
CSP04619	KENWORTH 15PSI RADIATOR C		2	
4337592	KIT, AIR COMPRESSOR HEAD		1	
275707	AIR GOVERNOR VALVE D-2		1	
2882081	KIT ENGINE BRAKE OVERHAUL		1	
1324.01	PREMIUM BLUE 8600 OIL (W/		50	
DISCOUNT	MATERIALS DISCOUNT (SERVI		1	

Subcontract

5585779	Engine & Rad Mounts		1	
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SUB-TOTAL 32261.63
G.S.T 3226.17
INVOICE TOTAL 35487.80

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