

BRISBANE
P O BOX 227
ARCHERFIELD QLD 4108
Ph: 07 3710 4700
Fax: 07 3375 3520

COPY

INVOICE NUMBER

INVOICE DATE

01/04/20

PAGE

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Engine Model:	SIGNATURE/ISX/QSX	Eng No:	79895994	Equip Make:	KENWORTH
FleetNo:	78	Reg No:	XQ08CB	Cust Ord NO:	PM78
Date in Service:	25/04/16	KLMS:	1064517	HRS:	14302
Repair Date:	31/03/20	Chassis NO:	456375	Currency:	AUD
C.O.No.	6440225	Work ordNo.	2594340	Facility	130

Complaint:

Customer Contribution

Cause:

- Customer Contribution to Rebuild Kit
- Belts Cracked
- Radiator Cap does not hold pressure
- Customer Opted to replace Cylinder Head

Correction:

Guidanz Service Order # 4900

Hrs/Klms: 1,064,517klms/14,302hrs

Fuel Burn: 548,619ltrs

- Drove vehicle into workshop
- Carry out ECM download and prechecks
- Troubleshoot customer complaint of using coolant
- Inspected oil fill cap to find milky residue
- Carry out Combustion Gas test to find colour did not change
- Drain oil and remove oil pan
- Pressure tested cooling system to find coolant leaking from outside of liner number 1
- Drain coolant and strip engine to remove cylinder head
- Removed cylinder head and measure liner heights
- Found liners #1 & #5 to have broken shims and #2, 3, 4 and 6 to have fretting on the shims
- Cleaned and inspected counterbore ledges to find okay - no fretting
- Pressure tested CAC to find okay - 1psi drop in 15secs [Spec is no more than 5psi in 15seconds]
- Carry out Inchassis Rebuild as per below:
 - * Liners (Warranty)
 - * Pisonts (Retail)
 - * Piston Rings (Warranty)
 - * Main Bearings (Retail)
 - * Connecting Rod Bearings (Warranty)
 - * Upper Gasket Set (Warranty)
 - * Recon Cylinder Head (Retail)

Cummins South Pacific Pty. Ltd. WORKSHOP TAX INVOICE



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Invoice To

Account Number 1301426

Description	Operation	Unit price	Qty	Extension
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- Refit all removed components
- Filled with new oil and coolant and fitted new filters
- Start and run engine, operate on chassis dyno to run in cylinders and confirm repairs
- Steam clean engine bay and return vehicle back into service

PLEASE NOTE: CUSTOMER CONTRIBUTED
40% TO REBUILD KIT - THE REMAINDER
COVERED BY WARRANTY PLUS.
RECON CYLINDER HEAD ONE OFF GOODWILL
PRICING - 25% OFF.

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
Swift Code: ANZBAU3M

Include Account and Invoice Numbers in Payment Reference

Description	Operation	Unit price	Qty	Extension
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Labour

3285	159.00	5.00	795.00
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LABOUR TOTAL			795.00
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Material

5579454	KIT, OVERHAUL	3733.75	1	3733.75
6PK1590	DAYCO BLUE LABEL BELT	43.44	1	43.44
12PK2380	BELT V RIBBED DAYCO POLY	76.50	1	76.50
AE9976132	CAP-RADIATOR 15PSI	28.26	1	28.26
DCT110H1RW	TIE-CABLE BRAKE HOSE 19.2	6.39	10	63.90
4356434RX	RECON CYL HEAD ISXE5	5058.57	1	5058.57

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Description	Operation	Unit price	Qty	Extension
WF2127	COOLANT FILTER (NO SCA)	56.96	1	56.96
FS36401	FUEL WATER SEPERATOR	30.24	1	30.24
MATERIAL TOTAL				9091.62
Miscellaneous				
	Environmental Levy	25.00	1.00	25.00
	Consumables	349.95		349.95
MISC TOTAL				374.95
SUB-TOTAL				10261.57
G.S.T				1026.15
INVOICE TOTAL				11287.72