

**BRISBANE** P O BOX 227 **ARCHERFIELD QLD 4108** 

**COPY** Ph: 07 3710 4700 Fax: 07 3375 3520

**INVOICE NUMBER** 

INVOICE DATE

**PAGE** 

01/04/20

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:

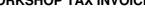
Guidanz Service Order # 4900

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





Description

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Invoice To

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Unit price Qty Extension

- Refit all removed components

Operation

- 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
Labour	3285	159.00	5.00	795.00
		LABOUR TOTAL		795.00
Material				
5579454 6PK1590	KIT, OVERHAUL DAYCO BLUE LABEL BELT	3733.75 43.44	1	3733.75 43.44
12PK2380	BELT V RIBBED DAYCO POLY	76.50	1	76.50
AE9976132	CAP-RADIATOR 15PSI	28.26	1	28.26
DCT110H1RW 4356434RX	TIE-CABLE BRAKE HOSE 19.2 RECON CYL HEAD ISXE5	2 6.39 5058.57	10 1	63.90 5058.57

# **Cummins South Pacific Pty. Ltd.** WORKS

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