

# Cummins South Pacific Pty. Ltd.

WORKSHOP TAX INVOICE

ABN NO. 42006332949



Cummins Mount Isa  
23-35 Northridge Road  
Mount Isa QLD 4825  
Ph 07 4749 8600  
Fax 07 4743 0777

**COPY**

**INVOICE NUMBER**

1222536

**INVOICE DATE**

30/04/24

**PAGE**

1

**Invoice To**

Account Number 1301065  
WAGNER INVESTMENTS P/L  
WAGNER INVESTMENTS P/L  
PO BOX 151  
DRAYTON NORTH  
QLD 4350

**Customer**

WAGNER INVESTMENTS P/L  
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PO BOX 151  
DRAYTON NORTH  
QLD 4350

Engine Model:	SIGNATURE/ISX/QSX	Eng No:	80566488	Equip Make:	KENWORTH
FleetNo:	755	Reg No:	XQ61BK	Cust Ord NO:	5061150
Date in Service:	26/04/24	KLMS:	255563	HRS:	35643
Repair Date:	30/04/24	Chassis NO:	463032	Currency:	AUD
C.O.No.	6719843	Work ordNo.	2885026	Facility	139

**Complaint:**

New Engine @ 255,563 klms / 35,643 hrs

**Cause:**

Replace engine as per quotation # 6718453 vers 1

**Correction:**

Guidanz SO Number: 00871178

Hrs/Klms: (ECM) 893,026.3 klms / 27,650 hrs

Fuel Burn: 540,299.7 litres

Promo ID: WI437

- Complete JSA
- Move Truck to work bay
- Plug in and Download ECM Image
- Remove and Cut open Oil Filter, Metal Present.
- Drain Oil and inspect for Coolant - Not Present
- Condensation / Milky Residue Present on Sensors and Oil Fill Cap
- Drain Coolant
- Remove Fan
- Remove Radiator Assembly and Pressure wash out debris.
- Remove A/C Condenser
- Zip Tie and Remove Starter Wiring
- Zip Tie and Remove Alternator Wiring
- Detach Wiring Harness from Sump Studs
- Remove Belly Bar
- Remove Exhaust Dump Pipe
- Support Transmission Assembly with Gear Box Trolley Jack and Strap
- Remove Bell Housing Bolts
- Check over all wiring harnesses and driven accessory connections to engine assembly for removal
- Rig Engine to Crane
- Remove Engine Mount Bolts
- Remove Front crossmember to free up space
- Assist Foreman to Hoist engine free of Vehicle
- Remove Driven accessories and OEM Sensor From engine assembly
- Install Driven accessories and OEM Sensors onto new Engine Assembly

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Customer WAGNER INVESTMENTS P/L

Description	Operation	Unit price	Qty	Extension
<hr/>				
	- Install Replacement AC Belt			
	- Install Replacement Fan Belt			
	- Install new clutch assembly and Spigot Bearing onto new Engine Assembly. Aligned with Input shaft.			
	- Remove and replace entire OEM Harness			
	- Replace Torque Limiter Delphi Connection with 2 Pin Weatherpack Connector as previous connector on OEM Harness had been replaced.			
	- Cut and protect new Inch Hose for Coolant Bypass and Heater hosing			
	- Replace Engine Mounts			
	- Assist to Hoist new engine Assembly into Vehicle			
	- Assist Engine Mount Bolt Installation			
	- Assist with Bell housing Bolt installation and Tension			
	- Refit Starter Wiring and secure			
	- Fit OEM Harness to Engine Assembly and Secure			
	- Refit Power Steering Pump to Engine, waiting on replacement hose			
	- Refit Fuel return line and install new low pressure Fuel supply line			
	- Replace Fuel filter prefilter			
	- Tidy and secure All wiring underneath			
	- Fit replacement Hose to Coolant Pipe underneath Vehicle and Secure 2 x New Clamps Used			
	- Fill with Engine Oil			
	- Fit Anti Chaffe to Oil Dipstick			
	- Remove LOTO			
	- Assist with First start.			
	- Clean Work Area			
	Promo ID: T0293			
	- Complete JSA, LOTO			
	- Removed power steering pump			
	- Removed wiring			
	- Removed p clamps			
	- Removed the engine			
	- Removed out put shaft and cross shafts			
	- Fitted new out put shafts and cross shafts			
	- Replaced engine mounts			
	- Fitted engine			
	- Fitted engine mount bolts			
	- Put tools away			
	Promo ID: 1088604			

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Customer WAGNER INVESTMENTS P/L

Description	Operation	Unit price	Qty	Extension
<hr/>				
- Spec up new engine				
- Installed engine to chassis				
- Installed bell housing bolts and adjusted clutch				
- Fitted dump pipe assembly				
- Routed draw down and heater hoses				
- Corrected OEM harness location				
- Fitted power steering hoses				
- Filled powersteering fluid				
- Installed calibration and Customer's parameters				
- Carried out start up				
- Washed vehicle				
- Carried out road test all ok				
- Final check over and returned to service				
Promo ID: 1025779				
- Complete JSA, LOTO,				
- Set up lifting equipment on radiator,				
- Lower radiator mounts seized - oxy off mounts.				
- Cleaned threads,				
- Installed radiator,				
- Collected parts - washers, bushes, bolts, etc.				
- Installed new fan,				
- Secured radiator,				
- Cut new radiator hoses,				
- Mounted radiator,				
- Fitted bonnet springs,				
- Fitted vent lines,				
- Filled coolant,				
- Assisted with clutch adjust,				
- Cleaned area,				
- Fitted original engine to shipping frame and wrapped.				
- Packed tools,				

\*\* New Engine Number - 80566488

As per quotation # 6718453 vers 1 [REDACTED]

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\*\*\*Banking Details\*\*\*

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Description	Operation	Unit price	Qty	Extension
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### Material

52377.02	ENGINE, ISXE5 500 / 1850	1
4988280	GASKET HYDRAULIC PUMP	1
185848	GASKET AIR COMPRESSOR	1
3678756	SEAL O RING	1
2866337	GASKET AFM DEVICE	2
CAC404560HT	CAC HOSE RED 102/114MMID	1
90HL70R50SP	ELBOW-AIR INTAKE RUBBER 5	1
80261GL-CM	HOSE DAYCO SILICONE	300
80264GL-CM	HOSE, HEATER (CM)	200
78300GL-CM	HOSE DAYCO SILICONE	28
4918022	CONNECTION OIL SUCTION	1
FS19764	ELEMENT	1
AF887KM	AIR FILTER	2
DCT110	CABLE TIE, DUAL CLAMP 485	10
12PK2290	BELT V RIBBED DAYCO POLY	1
1324.01	PREMIUM BLUE 8600 OIL (W/	50
78250GL-CM	HOSE DAYCO SILICONE	27
ISXDUP	ENGINE PARTS ONLY	1-

### Miscellaneous

Warranty Plus Coverage	1.00
Overtime	5.00

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