



Cummins South Pacific Pty. Ltd.

ABN NO. 42006332949

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

COPY

WORKSHOP TAX INVOICE

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

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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- 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: TO293
- 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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Description	Operation	Unit price	Qty	Extension
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- 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

Banking Details

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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