

Westralian WD Diesel

ACN: 108 930 089
ABN: 64 108 930 089

MOB: 0418 920 85
OFFICE: 08 6363 56

155 Milner Road
Forrestfield WA 605

PO Box 10:
Kalamunda WA 69

PLEASE PAY BY	AMOUNT	INVOICE DATE
08/08/2023		08/08/2023

TAX INVOICE NO. 74387

All Used Equipment
230-232 Welshpool Road
Welshpool WA 6106

Order No.:
Job No.: 34171
Invoice Terms: COD
ABN:

Work overview:

- Inspect and report faults found on three gensets.
- Load test three gensets.
- Repair electrical faults found across the three gensets.

Faults and issues found:

- The main switch busbars are missing.
- The controller has lost communication with ECU.
- The fuel level sender is faulty.
- The main switch is able to reset after an earth leakage fault, this means the main switch can be closed under fault conditions. This will be a programming issue.
- The 2A circuit breaker on the genset control circuit is missing and has been replaced with a blade fuse.
- The alternator output voltage is unstable at the controller.

UON LC150C

- The alternator to the main switch busbars are missing.
- The controller has lost communication with ECU.
- The fuel level sender is faulty.
- The main switch is able to reset after an earth leakage fault, this means the main switch can be closed under fault conditions. This will be a programming issue.
- The 2A circuit breaker on the genset control circuit is missing and has been replaced with a blade fuse.
- The alternator output voltage is unstable at the controller.

Work completed:

- Inspected and reported faults found on three gensets.
- Load tested three gensets.
- Repaired electrical faults found across the three gensets.

PERTH METROPOLITAN AND STATE WIDE

HEAVY DUTY EQUIPMENT

- mining -automotive
- power generation

Westralian WD Diesel

ACN: 108 930 089
ABN: 64 108 930 089

MOB: 0418 920 85
OFFICE: 08 6363 562

155 Milner Road
Forrestfield WA 6055

PO Box 103
Kalamunda WA 6950

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UON LC150C:

- Installed 95mm² SDI cables from the alternator to the main switch.
- Inspected the can link to identify why there is no communication between the ECU and the controller. Found some loose wiring on the engine harness and a plug not inserted properly.
- Removed the fuel level input from the controller programming as requested by the customer.
- Replaced the missing 2A circuit breaker from the control power circuit.
- Investigated the unstable voltage at the controller and narrowed it down to a faulty circuit breaker on the voltage sensing wires. Replaced the 3 pole circuit breaker that protects the sensing wires and cleared the fault.
- Connected the load bank and load tested the genset.
- Completed the load test data sheet.
- Disconnected the load bank.
- Investigated the earth leakage issue with being able to reset the main switch during its cooldown cycle. Removed the controller and returned to the workshop for programming as the controller does not have the communication card installed needed to program it. Upgraded the firmware in the controller to the latest version. Reviewed the program and found the earth leakage input parameter set incorrectly, changed the parameter to the correct value and re-installed the controller. The earth leakage is now tripping as it should and cannot be reset under fault conditions.
- Carried out the electrical testing and completed the electrical test sheet.
- Re-fitted all of the covers.

All work has been carried out in accordance with Australian electrical standards, rules and regulations.

Part #	Item	Quantity	Unit Price	Total
	Electrical			
	MOB SERVICE			

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Part #	Item	Quantity	Unit Price	Total
		1	\$50.00	
		5		
		4		
		4		
		1	\$	

Sub-Total ex GST

Sub-Total ex GST
GST
Total inc GST
Amount Applied
Balance Due

Please forward a Remittance Advice to accounts@westdiesel.com.au

How To Pay

INVOICE NO. 74387



Credit Card (MasterCard or Visa)

Please call 08 6363 5617 to pay over the phone.



Direct Deposit

Bank **ANZ**
Acc. Name **Maximor Nominees Pty Ltd**
BSB **016341**
Acc. No. **376259029**
SWIFT **ANZBAU3M**

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