



# Rental Alternators Repairs & Servicing

Please download and print this PDF form, fill in the blanks and send it to us with your alternator.

Business Details	
Company Name	
Company Address	
Name	
Telephone Number	
Email	

Alternator Details	
Size	
Model	
Make	
Expected Failure	

Inspection	
Inspection Level 1	
Inspection Level 2	
Full Overhaul	
Extras	

## Inspection Level 1

- Offload at Central Group workshop
- Visual inspection and photograph, recording damaged or missing parts
- Removal of rotor
- Basic Static Tests (rotor and stator) with Meggar & Digital Multimeter
- Remove bearing(s) and check for signs of wear and/or mechanical looseness
- Provide Inspection Level 1 report findings

## Standard Repairs

- Supply and fit replacement bearing(s)
- Supply and fit replacement diodes
- Supply and fit replacement varistors
- Apply enveloping varnish
- Assemble unit
- Final testing of assembled unit
- Repair report
- Palletise unit ready for collection

## Inspection Level 2

- Items listed in Inspection Level 1 process
- Pressure wash, stove, stator and rotor windings
- Mechanical tolerance checks on housing, journals, keyways and couplings as required
- Baker surge test on rotor and stator windings
- Provide Inspection Level 2 report findings

## Optional Extras

Not included as standard:

- Remove alternator from canopy and refit on completion of work
- Store canopy / store canopy for repair period
- Rewind rotor
- Rewind excitor
- Dynamically balance rotor
- Remedial mechanical repairs as identified in Inspection Level 2
- Double impregnate and stove (rotor and stator)
- Epoxy coat windings
- Addition requested work



24/7 365 Customer Service Line:

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