


Our New Testbench!

A technician in a blue uniform is operating a large medical imaging machine, likely a CT scanner. The technician is wearing white gloves and is positioned to the right of the machine, looking at a monitor that displays a scan. The machine is white and has a large circular opening. The background is a plain wall.



FAIL

UNIVERSITY OF
OAKLAND

Aluminum Body: #10508

Description: #10508


12V / 150A CW

Internal Voltage Regulation: Plug Code 988

Harman Code: 2507

THERMISTOR

Parameter:	Units	Value	Status
Control Voltage (CSP)	Volt	-	Fail
Aluminum Charging Test	Volt	-	Fail
Secondary Regulation	Volt	-	Fail
Internal Voltage Set-Point	Volt	-	Fail
Set-Point Voltage	Volt	-	Fail
Panel Current	Amps	-	Fail
Alarm Current	Amps	-	Fail
Leakage Current	microAmps	-	Fail
Low Battery at Run	ON	Pass	
Low Battery at Stop	OFF	Pass	
Aluminum Temperature	°F	Pass	
Feedback (Min. Load)	% PWM	-	Fail
COM Electrical Test	COM Electrical Test	-	Fail
COM Mechanical Test	COM Mechanical Test	-	Fail
COM Temperature Test	COM Temperature Test	-	Fail
Manufacturer Data	Manufacturer Data	-	Fail
Alternator Data	Alternator Data	-	Fail



PASS

UNIVERSITY OF
OAKLAND

Aluminum Body: #10508

Description: #10508

12V / 150A CW


Internal Voltage Regulation: Plug Code 381

Harman Code: 3801

THERMISTOR

Parameter:	Units	Value	Status
Control Voltage (CSP)	Volt	14.2	Pass
Aluminum Charging Test	Volt	14.2	Pass
Secondary Regulation	Volt	-	Fail
Internal Voltage Set-Point	Volt	-	Fail
Set-Point Voltage	Volt	-	Fail
Panel Current	Amps	5.0	Pass
Alarm Current	Amps	5.0	Pass
Leakage Current	microAmps	0.2	Pass
Low Battery at Run	ON	Pass	
Low Battery at Stop	OFF	Pass	
Aluminum Temperature	°F	Pass	
Feedback (Full Load)	% PWM	-	Fail
Feedback (Min. Load)	% PWM	-	Fail
COM Electrical Test	COM Electrical Test	-	Fail
COM Mechanical Test	COM Mechanical Test	-	Fail
COM Temperature Test	COM Temperature Test	-	Fail
Manufacturer Data	Manufacturer Data	-	Fail
Alternator Data	Alternator Data	-	Fail

Impedance:



Store ID: **UNIVERSAL**


Store Location: **UNIVERSAL**

Telephone Number: **9**


Store ID: **UNIVERSAL**

Store Location: **UNIVERSAL**

Telephone Number: **9**



DVP Computerized Test Report
Serial #00000000000000000000



DVP Computerized Test Report
Serial #00000000000000000000

Batch No **S 8978**
*Special
 Remanufactured Unit*
Warranty void if label removed



Company Registered in England
No. 6502763
Registered address 2 Mill Road,
Haverhill, Suffolk. CB9 8BD



Universal News

Three Generations, two new recruits, one Universal!



There aren't many firms around today that can say they still have a proud family tradition. Universal Rotating Electrics Ltd is one of the few that can. **Colin Smith** started the business nearly 40 years ago, introducing his two sons, Chris and Graham, to the business in the late 80's and now, 25 years later it's Chris's son Jamie and Graham's son Joe's turn to join the business. Both Jamie and Joe are starting as Chris and Graham did, dealing with core and stock in the warehouse and on the benches, stripping, cleaning, testing and learning how units are put together. Things have changed a lot since Colin's day, when half a dozen units covered a good percentage of cars on the road. As a company we now have approximately 4500 part numbers to our name and words like "Stop/Start" and "ECU controlled" are commonplace. Who knows what the next 25 years may bring, but one thing we do know is the future is bright at Universal Rotating.

Taxi warranty.

In line with other manufacturers we will now be limiting taxi, minicab and private hire vehicles to 6 months warranty due to the excessive mileage and extended operation of these vehicles.

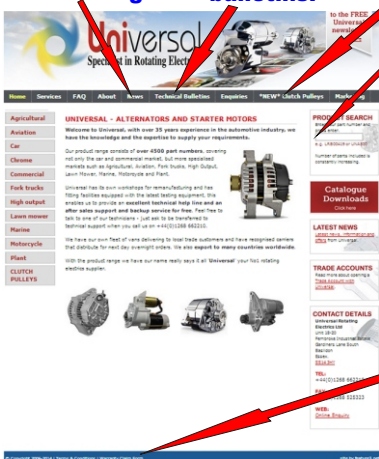
We're proud of our website!

Our website is like having an extra member of staff (some would say two!). Technical information, cross referencing, offers, pictures to aid identification, known vehicle faults, FAQ's, alternator plug and starter solenoid wiring codes to name but a few! We do find however that it is an often under used tool that is available to all our customers.

Latest news & new to range.

Technical bulletins.

Clutch pulleys



Cross reference for O.E. or competitor part numbers. Please include any dashes in the O.E. Number. E.G. 2S6T-FB, LRA03039 or LR1120-701.

Warranty Claim form.

Chris's Comments.

I would like to start by welcoming our new members of staff to Universal. In the warehouse we have Mark Brockbank, Dan Doney and Tony Cadogan, driver Paul Mudd, Jamie and Joe Smith in the workshop. I am pleased to say we have a hard working, conscientious, highly motivated team at Universal.

The recent investment in our new test bench is proving a great asset to the company. We are now able to map our remanufactured units to OE specification, it is very important for us to be able to do this as technology and test routines are forever changing.

We are working closely with MAM at the moment, converting our current catalogue data to MAM's Autocat+ MMi (latest data format). This has proved to be a very time consuming process, as we have to verify each and every listing individually one at a time. Once completed we will have one of the most informative catalogues available on MAM today, showing product images, plug images with wiring diagrams, part specification and most importantly our technical bulletins linked to products that have underlined vehicle problems. The starter data will hopefully be going live within the next week, so keep your eyes peeled!