

News Focus

Improving Alternator Performance

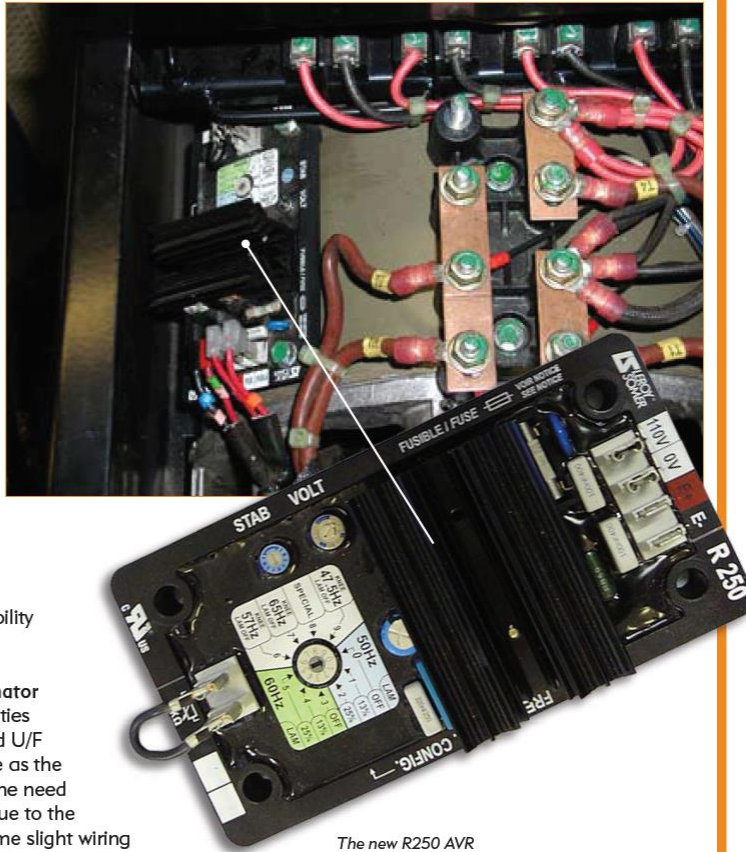
A forthcoming change to the Automatic Voltage Regulator (AVR) fitted to 1000, 2000 and 3000 series Leroy Somer alternators, promises improvements to functionality.

The current R230 AVR has been developed and improved upon by Leroy Somer, resulting in the new R250. This R250 AVR will be fitted on standard sets in production from July 2007.

A notable benefit is the improved AVR connectors used. The voltage sensing connections are now female, reducing the possibility of making the wrong connections when wiring the AVR.

The load acceptance module (LAM) and frequency settings (U/F) have been improved. This will help to reduce instability due to a wrong setting.

The R250 offers closer control of alternator output voltage with adjustment capabilities clearly labelled for users of the LAM and U/F modules. With external layout the same as the R230, replacement is possible without the need for mechanical modification, however due to the change in gender of the connectors, some slight wiring modification is required.



The new R250 AVR