

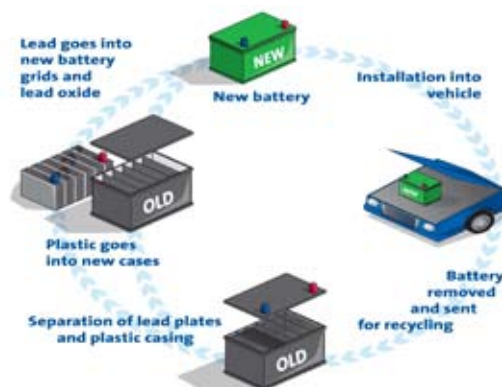
RAC Battery Features

All RAC batteries come with a warranty and include the following leading edge features:

Features	Benefits
Calcium-Calcium technology	Lower gas emissions which allow the container to be fully sealed. The battery does not lose water as quickly and is therefore less likely to fail under extreme heat.
Maintenance-free	You do not need to worry about topping up water in your battery.
3-year warranty	To demonstrate our confidence in the quality of RAC's new batteries, we have extended the warranty on premium range batteries to 3-years.
Fully sealed containers	Eliminates accidental acid spillage to help protect our Members, their car and the environment.
Longer shelf-life	RAC batteries can now be stored for up to 32 weeks (in a 25 degree Celsius environment). This ensures Members a fresh product at the time of purchase, and allows stockists to store a more extensive range.
Magic Eye charge indicator	Tests the specific gravity of one cell and assists in the diagnosis of a fully sealed battery. A quick reference guide for Members and Road Patrols to indicate if the battery needs charging or replacing.
Expanded grid technology	Grids are made from a rolling system rather than a hot lead mould to ensure a consistent quality. The diamond shape and fine mesh construction also improves conductivity.
Carry handle	All batteries come with a carry handle for easier and safer handling.

We Recycle Your Battery

The RAC actively recycles your old battery, to help save the environment.



Tell the Condition of Your Battery at a Glance

The complete range of RAC batteries features a "Magic Eye" indicator. This Magic Eye indicator uses a built-in hydrometer to:

- Indicate the battery's state-of-charge at a glance
- Test the specific gravity of one cell in the battery

The Magic Eye indicator conditions are:



Improved Terminal Design



RAC battery weld zon



Standard battery weld



All RAC batteries come with a larger welding zone on the battery terminal than those found on other batteries. This larger weld zone results in a higher quality terminal weld, providing increased durability and resistance to vibration damage for cycle after cycle. Glue is also used in the weld zone to seal the battery terminal to the lid of the battery, to prevent harmful acid leakage.

Expanded Grid Plate with Fibre Reinforced Plate Technology

A Wrought High-Tin Calcium Grid Plate is used inside all RAC batteries. This technology helps your RAC battery to:

- Resist grid-corrosion and overcharging
- Minimise gassing and water-loss
- Minimise self-discharge

The paste on each plate is cured for 14-hours and then covered in a special tissue designed to retain paste strength. The patented fibre reinforced plates set RAC batteries apart from other batteries in the market-place (see diagram below). The end result is a battery plate covered in pulp that is two-times stronger, five-times thicker and has 10 times more elasticity when compared with common pulp.

Low Profile Plates

Lower profile plates in RAC batteries increase the electrolyte volume above the plate. This additional electrolyte volume allows plates to be protected and avoid severe acid starvation, providing a more durable and longer-life battery.