



**NEW MODEL**

# RS • 5

Version 5.3

**Available from August 2012**

The NEW RustStop® RS-5 Version 5.3 incorporates a number of internal upgrades, improving overall quality, reliability, safety and efficiency.



- **UPGRADED COMPONENTS**

The key components on the RS-5 have been upgraded from commercial grade components to industrial standard components. This offers greater reliability and efficiency to ensure that the system operates effectively under all conditions. The use of over-spec components from world leading manufacturers like ON semiconductors, HP and Fairchild means that our system can handle any situation that can occur in a vehicle, and more.

- **NEW COMPONENTS**

A few new components have been introduced, including the following:

- the UF4004 polarity protection diode which improves on reverse polarity protection,
- the CMOS IC's upgrade, has increased the voltage range, thus offering better over voltage protection to prevent damage from a faulty vehicle regulator or when the system is connected to the incorrect voltage supply,
- new MOSFET technology, to reduce current draw (less than 0.009A under normal conditions) while maintaining the systems effectiveness.
- an on-board Pico-Fuse has been introduced which will pop if the system experiences a major fault to ensure that it cannot draw any excess current (popped fuse still covered by warranty).

- **NEW ENCLOSURE MATERIAL**

The new RS-5 enclosure has been upgraded to the latest flame retardant plastic polymer material ensuring the highest safety. The RS-5 itself could never cause a fire, but in the event of there being a fire in the engine compartment, this new material ensures that the RS-5 will not ignite and will in fact self-extinguish any flame contact.

- **C-TICK APPROVAL**



The new RustStop® RS-5 now complies to international EMC and RFI standards and has acquired C-Tick approval. Overall RFI (interference) has been reduced by improving on the PC board ground plane, PC board tracks and upgraded SABS approved wires.

- **WATERPROOFING**

New potting material and methods as well as modified internal enclosure design have increased the systems overall waterproofing and reliability.